

VERIFICATION

STATE OF OHIO)
)
COUNTY OF HAMILTON) SS:

The undersigned, Bruce Sailors, Director Jurisdictional Rate Administration, being duly sworn, deposes and says that he has personal knowledge of the matters set forth in the foregoing post-hearing data requests and that the answers contained therein are true and correct to the best of his knowledge, information and belief.

Bruce L. Sailors
Bruce Sailors Affiant

Subscribed and sworn to before me by Bruce Sailors on this 4TH day of JUNE, 2024.



Adele M. Frisch
NOTARY PUBLIC

My Commission Expires: 1/5/2029

KyPSC Case No. 2023-0413
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Duke Energy Kentucky
Case No. 2023-00413
KYSEIA's First Set Post Hearing Data Requests
Date Received: May 24, 2024

KYSEIA-PHDR-01-001

REQUEST:

Reference: Duke Response to KYSEIA 2nd Request for Information, Item 9, Attachment 1 and Attachment 2 and KYSEIA Cross-Examination Exhibit 6. Attachment 1 shows by month of year, day of month, and hour of day, the modeled AC System Output (kW) produced through the PV Watts calculator in Eastern Standard Time. The hour column contains values 0 through 23. Attachment 2 shows by date (of the cost of service study period) and hour of day the usage amounts for the Duke Energy Kentucky RS rate class. The hour column contains values 1 through 24. Please provide the following:

a. A schedule, by month of year, day of month, and hour of day, that reconciles Attachment 2 to Attachment 1 for each entry on Attachment 1. For example, demonstrate which month of year, day of month, and hour of day on Attachment 1 corresponds to Hour 1 for 04/01/2021 by reference to the Eastern Standard Time value per Attachment 1.

b. Separate from the schedule requested in part a (above), for Attachment 1, by hour of day (0 through 23), state the time of day corresponding with each hour value. For example, state whether hour 0 corresponds to the time from 12:00 a.m. through 12:59 a.m., and similarly state the time for each of the 24 hours.

c. Separate from the schedule requested in part a (above), for Attachment 2, by hour of day (1 through 24), state the time of day corresponding with each hour value. For example, state whether hour 1 corresponds to the time from 12:00 a.m. through 12:29 a.m., and similarly state the corresponding time for each of the 24 hours.

[sic] d. For Attachment 2, by date and by hour, state whether the hour value is stated in Eastern Standard Time or Eastern Prevailing Time.

RESPONSE:

Below, the Company provides detailed information for the requests above. Reviewing this information, the Company notes two corrections needed for the Sailers' direct testimony Attachment BLS-2. The first is to align the PVWatts AC System Output data to the appropriate hours. This correction impacts hours during the daylight savings time (DST) period (i.e., March 13 through November 7). The second correction is to align the Coincident System Peak Hour calculations during the daylight savings time period. The coincident system peak hour is adjusted for the months of April through October to align with the daylight savings time frame. [Note the March and November coincident peak hours are outside the DST time frame and do not require adjustment.] These adjustments and resulting calculations are reflected in KYSEIA-PHDR-01-001 Attachment, which is a revised version of Mr. Sailers' direct testimony Attachment BLS-2. The revised result is that the cost of service unit cost annual reduction from pre- to post-solar is \$799.90, compared to the bill reduction from pre- to post-solar of \$777.85. The difference is now -\$22.05 for the year (i.e., bill reduction < COS reduction) instead of the original difference of -\$24.05. The Company again notes that this value reflects an estimate of the change in the COS compared to the change in the customer's bill. It does not reflect the results of a full COS study which is one reason the Company chose not to propose rate design changes for Rider NM II customer-generators. However, this estimate does support that the change in the COS is approximately equal to the change in the customer bill under the Company's proposal.

a. Please see KYSEIA-PHDR-01-001(a) Attachment 1 and KYSEIA-PHDR-01-001(a) Attachment 2. KYSEIA-PHDR-01-001(a) Attachment 1 is a copy of KYSEIA-DR-02-009 Attachment 1 with new fields added starting in column N. Note that the Company reviews the TMY3 data manual, publicly available at [Users Manual for TMY3 Data Sets \(nrel.gov\)](#). While this manual describes certain weather information used in the PVWatts calculator, the Company also contacted NREL directly and relies on guidance provided by NREL on how to interpret the PVWatts calculator output to correctly align the PVWatts AC System Output (kW), Column M, with an Hour Ending 1 through 24 format as used in KYSEIA-DR-02-009 Attachment 2. The following steps are taken.

1. NREL specifies that the irradiance information used in PVWatts is based on the irradiance at 30 minutes past the time stamp. Therefore, at the PVWatts time stamp for Month 1 Day 1 and Hour 0, the AC System Output is related to certain weather data at midnight (i.e., hour 0) and solar irradiance at 12:30 am. This solar irradiance can be considered an average from the time stamp (i.e., hour 0) to the beginning of the next time stamp (i.e., hour 1). Step 1 is to alter the hour values in the PVWatts file to an Hour Ending 1 through 24 format consistent with KYSEIA-DR-02-009 Attachment 2. This changes all Hour = 0 rows to Hour = 1. All other observations are adjusted accordingly with revised Month, Day, and Hour assignments in columns N, O, and P of KYSEIA-PHDR-01-001(a) Attachment 1. Note that Columns N, O, and P remain Eastern Standard Time (EST) but now reflect the hour ending 1 through 24 format with Hour 1 designating solar output from midnight to 1 am and hour 24 designating solar output from 11 pm to midnight.

2. Step 2 adjusts the results of Step 1, which are EST, to an Eastern Prevailing Time (EPT) format and provides new Month, Day, and Hour values in Columns Q, R, and S. Note that the associated hour for Spring Forward (i.e., March 13 Hour 3) now becomes March 13 Hour 4 resulting in the absence of a row for Month = 3 Day = 13 Hour = 3. March 13 is the Spring Forward day in 2022. Moving forward in time, all other hours are adjusted similarly until November 7 at 2 am. November 7 is the Fall Back hour in 2021. All hours outside the daylight savings time period, November 7 at 2 am to March 13 at 2 am, are not altered as they are not impacted by the daylight savings time period. Recognizing the Fall Back hour, there are now 2 rows labeled as Month = 11 Day = 7 and Hour = 2 in Columns Q, R, and S.

KYSEIA-PHDR-01-001(a) Attachment 2 is a copy of KYSEIA-DR-02-009 Attachment 2 with new fields starting in Column M. These new columns provide formulas to link the solar output from KYSEIA-PHDR-01-001(a) Attachment 1. Note that the SUMIFS formulas sum the two values for November 7 Hour 2 but both of those hours are 0.

b. KYSEIA-DR-02-009 Attachment 1, PVWatts output data, as specified by NREL, is provided in Eastern Standard Time (EST) in what can be considered hour beginning format. As described above, the solar irradiance for a time stamp is for the irradiance 30 minutes after the time stamp. Considering this to be an average for the hour, Hour 0, for example, represents the solar output associated with the solar irradiance from Midnight to 1 AM. Hour 23 represents the solar output associated with the solar irradiance

at 11:30 PM or an average from 11 PM to Midnight. Please see response to (a) above for additional information.

c. In KYSEIA-DR-02-009 Attachment 2, Rate RS load profile, all hours are provided in hour ending Eastern Prevailing Time (EPT). For example, hour 1 corresponds to 12:00 am (midnight) to 1:00 am on the date referenced. Hour 24 corresponds to 11:00 PM to Midnight. Technically, regarding hour 24, midnight is the next day but the hour = 24 is for the date indicated, the last hour of a day. See response to (a) above for additional information.

[sic] d. In KYSEIA-DR-02-009 Attachment 2, Rate RS load profile, all hours are provided in hour ending EPT. See response to (a) above for additional information.

PERSON RESPONSIBLE: Bruce L. Sailors

Comparison Views of Pre and Post Solar Adoption for COSS Unit Costs and Tariff Bill Charges

Rate RS PRE-SOLAR COSS Unit Costs Plus Rider (DSM, PSM, FAC, ESM) Application								
Month	kwh Consumed	kWh Exported	12 CP Demand kw	Energy \$	Demand \$	Customer Charge	Export Value	Total
1	1,222.59		2.39	77.07	77.46	14.68	-	169.21
2	970.02		2.05	61.15	66.65	14.68	-	142.48
3	783.27		1.89	49.37	61.36	14.68	-	125.41
4	670.86		1.21	42.29	39.37	14.68	-	96.34
5	749.67		2.32	47.26	75.32	14.68	-	137.26
6	1,010.91		2.66	63.72	86.39	14.68	-	164.79
7	1,148.19		2.65	72.38	85.94	14.68	-	173.00
8	1,185.54		2.72	74.73	88.44	14.68	-	177.85
9	866.04		2.37	54.59	76.81	14.68	-	146.08
10	712.87		1.83	44.94	59.28	14.68	-	118.90
11	830.29		1.72	52.34	55.98	14.68	-	123.00
12	901.74		1.87	56.84	60.87	14.68	-	132.39
	11,052.00		25.68	696.68	833.87	176.16	-	1,706.71

Rate RS PRE-SOLAR Billing								
Month	kwh Consumed	kWh Exported	Demand kw	Energy \$	Demand \$	Customer Charge	Export Value	Total
1	1,222.59			148.40	-	14.68	-	163.08
2	970.02			117.74	-	14.68	-	132.42
3	783.27			95.08	-	14.68	-	109.76
4	670.86			81.43	-	14.68	-	96.11
5	749.67			91.00	-	14.68	-	105.68
6	1,010.91			122.71	-	14.68	-	137.39
7	1,148.19			139.37	-	14.68	-	154.05
8	1,185.54			143.91	-	14.68	-	158.59
9	866.04			105.12	-	14.68	-	119.80
10	712.87			86.53	-	14.68	-	101.21
11	830.29			100.78	-	14.68	-	115.46
12	901.74			109.46	-	14.68	-	124.14
	11,052.00		-	1,341.53	-	176.18	-	1,517.71

Rate RS POST-SOLAR COSS Unit Costs Plus Rider (DSM, PSM, FAC, ESM) Application								
	kwh Consumed	kWh Exported	12 CP Demand kw	Energy \$	Demand \$	Customer Charge	Export Value	Total
1	896.74	(227.42)	2.39	56.53	77.46	14.68	(10.64)	138.03
2	692.00	(304.62)	2.05	43.62	66.65	14.68	(14.26)	110.69
3	492.60	(429.09)	1.89	31.05	61.36	14.68	(20.08)	87.01
4	376.86	(526.03)	0.61	23.76	19.78	14.68	(24.62)	33.60
5	398.75	(544.86)	1.67	25.14	54.33	14.68	(25.50)	68.65
6	513.33	(419.59)	-	32.36	-	14.68	(19.64)	27.40
7	598.38	(385.22)	0.44	37.72	14.14	14.68	(18.03)	48.51
8	657.26	(359.72)	1.37	41.43	44.48	14.68	(16.83)	83.76
9	474.61	(449.33)	0.65	29.92	21.02	14.68	(21.03)	44.59
10	436.24	(440.79)	1.25	27.50	40.58	14.68	(20.63)	62.13
11	602.79	(280.93)	1.72	38.00	55.98	14.68	(13.15)	95.51
12	668.33	(230.18)	1.87	42.13	60.87	14.68	(10.77)	106.91
	6,807.90	(4,597.78)	15.91	429.16	516.65	176.16	(215.16)	906.81

Rate RS POST SOLAR Billing - Proposed								
	kwh Consumed	kWh Exported	Demand kw	Energy \$	Demand \$	Customer Charge	Export Value	Total
1	896.74	(227.42)		108.85	-	14.68	(12.99)	110.54
2	692.00	(304.62)		84.00	-	14.68	(17.40)	81.28
3	492.60	(429.09)		59.79	-	14.68	(24.52)	49.96
4	376.86	(526.03)		45.75	-	14.68	(30.05)	30.38
5	398.75	(544.86)		48.40	-	14.68	(31.13)	31.95
6	513.33	(419.59)		62.31	-	14.68	(23.97)	53.02
7	598.38	(385.22)		72.63	-	14.68	(22.01)	65.30
8	657.26	(359.72)		79.78	-	14.68	(20.55)	73.91
9	474.61	(449.33)		57.61	-	14.68	(25.67)	46.62
10	436.24	(440.79)		52.95	-	14.68	(25.18)	42.45
11	602.79	(280.93)		73.17	-	14.68	(16.05)	71.80
12	668.33	(230.18)		81.12	-	14.68	(13.15)	82.65
	6,807.90	(4,597.78)	-	826.36	-	176.18	(262.68)	739.86

Post Solar COSS Unit Cost Reduction 799.90

Post Solar Rate RS Bill Reduction \$ 777.85

Annual Difference between COSS Unit Cost Reduction and Rate RS Bill Reduction (22.05)

Rate Class	Date	Hour	AVGCUST_PRESOLAR	PV Watts 7.0815 kWDC	Pre Solar less Solar output (all values)	AVGCUST_POSTSOLAR (Import Only)	blank1	blank2	blank3	Export	System Peak Hour used in COSS Pre-Solar	System Peak Hour used in COSS Post-Solar	Month
KY_RS	04/01/2021	1	1.0128	0.0000	1.0128	1.0128	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/01/2021	2	0.9790	0.0000	0.9790	0.9790	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/01/2021	3	0.9760	0.0000	0.9760	0.9760	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/01/2021	4	0.9904	0.0000	0.9904	0.9904	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/01/2021	5	1.0294	0.0000	1.0294	1.0294	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/01/2021	6	1.1233	0.0000	1.1233	1.1233	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/01/2021	7	1.2680	0.0000	1.2680	1.2680	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/01/2021	8	1.3669	0.0000	1.3669	1.3669	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/01/2021	9	1.3517	0.4271	0.9246	0.9246	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/01/2021	10	1.2675	0.4528	0.8147	0.8147	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/01/2021	11	1.2506	0.3052	0.9455	0.9455	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/01/2021	12	1.2899	1.4562	(0.1663)	0.0000	0.0000	0.0000	0.0000	(0.1663)			4
KY_RS	04/01/2021	13	1.2453	3.9058	(2.6605)	0.0000	0.0000	0.0000	0.0000	(2.6605)			4
KY_RS	04/01/2021	14	1.2466	1.6755	(0.4289)	0.0000	0.0000	0.0000	0.0000	(0.4289)			4
KY_RS	04/01/2021	15	1.2515	1.7270	(0.4755)	0.0000	0.0000	0.0000	0.0000	(0.4755)			4
KY_RS	04/01/2021	16	1.2986	3.4092	(2.1106)	0.0000	0.0000	0.0000	0.0000	(2.1106)			4
KY_RS	04/01/2021	17	1.3739	1.0084	0.3655	0.3655	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/01/2021	18	1.4645	1.7712	(0.3068)	0.0000	0.0000	0.0000	0.0000	(0.3068)			4
KY_RS	04/01/2021	19	1.5206	0.0612	1.4595	1.4595	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/01/2021	20	1.5572	0.1190	1.4382	1.4382	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/01/2021	21	1.5993	0.0000	1.5993	1.5993	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/01/2021	22	1.5519	0.0000	1.5519	1.5519	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/01/2021	23	1.4325	0.0000	1.4325	1.4325	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/01/2021	24	1.3219	0.0000	1.3219	1.3219	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/02/2021	1	1.2415	0.0000	1.2415	1.2415	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/02/2021	2	1.2115	0.0000	1.2115	1.2115	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/02/2021	3	1.2078	0.0000	1.2078	1.2078	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/02/2021	4	1.2216	0.0000	1.2216	1.2216	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/02/2021	5	1.2622	0.0000	1.2622	1.2622	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/02/2021	6	1.3467	0.0000	1.3467	1.3467	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/02/2021	7	1.4756	0.0000	1.4756	1.4756	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/02/2021	8	1.5770	0.0074	1.5696	1.5696	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/02/2021	9	1.5197	0.9574	0.5623	0.5623	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/02/2021	10	1.4139	2.5448	(1.1309)	0.0000	0.0000	0.0000	0.0000	(1.1309)			4
KY_RS	04/02/2021	11	1.3177	3.8238	(2.5060)	0.0000	0.0000	0.0000	0.0000	(2.5060)			4
KY_RS	04/02/2021	12	1.2419	4.7084	(3.4665)	0.0000	0.0000	0.0000	0.0000	(3.4665)			4
KY_RS	04/02/2021	13	1.1856	5.2281	(4.0425)	0.0000	0.0000	0.0000	0.0000	(4.0425)			4
KY_RS	04/02/2021	14	1.1236	5.4329	(4.3093)	0.0000	0.0000	0.0000	0.0000	(4.3093)			4
KY_RS	04/02/2021	15	1.0640	5.2879	(4.2240)	0.0000	0.0000	0.0000	0.0000	(4.2240)			4
KY_RS	04/02/2021	16	1.0273	4.8704	(3.8431)	0.0000	0.0000	0.0000	0.0000	(3.8431)			4
KY_RS	04/02/2021	17	1.0265	4.1178	(3.0914)	0.0000	0.0000	0.0000	0.0000	(3.0914)			4
KY_RS	04/02/2021	18	1.0471	3.0222	(1.9750)	0.0000	0.0000	0.0000	0.0000	(1.9750)			4
KY_RS	04/02/2021	19	1.0526	1.5177	(0.4651)	0.0000	0.0000	0.0000	0.0000	(0.4651)			4
KY_RS	04/02/2021	20	1.0917	0.2115	0.8802	0.8802	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/02/2021	21	1.1896	0.0000	1.1896	1.1896	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/02/2021	22	1.2328	0.0000	1.2328	1.2328	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/02/2021	23	1.2047	0.0000	1.2047	1.2047	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/02/2021	24	1.1479	0.0000	1.1479	1.1479	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/03/2021	1	1.1003	0.0000	1.1003	1.1003	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/03/2021	2	1.0720	0.0000	1.0720	1.0720	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/03/2021	3	1.0633	0.0000	1.0633	1.0633	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/03/2021	4	1.0769	0.0000	1.0769	1.0769	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/03/2021	5	1.0986	0.0000	1.0986	1.0986	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/03/2021	6	1.1428	0.0000	1.1428	1.1428	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/03/2021	7	1.2071	0.0000	1.2071	1.2071	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/03/2021	8	1.3145	0.0000	1.3145	1.3145	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/03/2021	9	1.3657	0.3012	1.0645	1.0645	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/03/2021	10	1.3436	1.2067	0.1369	0.1369	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/03/2021	11	1.2908	1.6135	(0.3228)	0.0000	0.0000	0.0000	0.0000	(0.3228)			4
KY_RS	04/03/2021	12	1.2454	0.7059	0.5395	0.5395	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/03/2021	13	1.1689	1.1220	0.0469	0.0469	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/03/2021	14	1.0902	0.7319	0.3583	0.3583	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/03/2021	15	1.0209	1.1594	(0.1384)	0.0000	0.0000	0.0000	0.0000	(0.1384)			4
KY_RS	04/03/2021	16	0.9744	1.1696	(0.1952)	0.0000	0.0000	0.0000	0.0000	(0.1952)			4
KY_RS	04/03/2021	17	0.9538	0.7067	0.2471	0.2471	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/03/2021	18	0.9578	0.1236	0.8342	0.8342	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/03/2021	19	0.9611	0.0435	0.9176	0.9176	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/03/2021	20	0.9785	0.0000	0.9785	0.9785	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/03/2021	21	1.0473	0.0000	1.0473	1.0473	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/03/2021	22	1.0518	0.0000	1.0518	1.0518	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/03/2021	23	1.0016	0.0000	1.0016	1.0016	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/03/2021	24	0.9293	0.0000	0.9293	0.9293	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/04/2021	1	0.8449	0.0000	0.8449	0.8449	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/04/2021	2	0.7874	0.0000	0.7874	0.7874	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/04/2021	3	0.7606	0.0000	0.7606	0.7606	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/04/2021	4	0.7552	0.0000	0.7552	0.7552	0.0000	0.0000	0.0000	0.0000			4
KY_RS	04/04/2021	5	0.7627	0.0000	0.7627	0.7627	0.0000	0.0000	0.0000	0.0000			4

KY_RS	04/04/2021	6	0.7976	0.0000	0.7976	0.7976	0.0000	4
KY_RS	04/04/2021	7	0.8628	0.0000	0.8628	0.8628	0.0000	4
KY_RS	04/04/2021	8	0.9784	0.0000	0.9784	0.9784	0.0000	4
KY_RS	04/04/2021	9	1.0817	0.0538	1.0279	1.0279	0.0000	4
KY_RS	04/04/2021	10	1.1240	0.4971	0.6268	0.6268	0.0000	4
KY_RS	04/04/2021	11	1.1248	0.6614	0.4634	0.4634	0.0000	4
KY_RS	04/04/2021	12	1.0901	0.3774	0.7127	0.7127	0.0000	4
KY_RS	04/04/2021	13	1.0515	1.0471	0.0044	0.0044	0.0000	4
KY_RS	04/04/2021	14	0.9949	1.0819	(0.0870)	0.0000	(0.0870)	4
KY_RS	04/04/2021	15	0.9449	0.9604	(0.0155)	0.0000	(0.0155)	4
KY_RS	04/04/2021	16	0.9189	0.9048	0.0140	0.0140	0.0000	4
KY_RS	04/04/2021	17	0.9173	1.1554	(0.2380)	0.0000	(0.2380)	4
KY_RS	04/04/2021	18	0.9343	0.4931	0.4411	0.4411	0.0000	4
KY_RS	04/04/2021	19	0.9537	0.5639	0.3898	0.3898	0.0000	4
KY_RS	04/04/2021	20	0.9934	0.0144	0.9789	0.9789	0.0000	4
KY_RS	04/04/2021	21	1.0723	0.0000	1.0723	1.0723	0.0000	4
KY_RS	04/04/2021	22	1.0538	0.0000	1.0538	1.0538	0.0000	4
KY_RS	04/04/2021	23	0.9320	0.0000	0.9320	0.9320	0.0000	4
KY_RS	04/04/2021	24	0.7819	0.0000	0.7819	0.7819	0.0000	4
KY_RS	04/05/2021	1	0.6706	0.0000	0.6706	0.6706	0.0000	4
KY_RS	04/05/2021	2	0.6085	0.0000	0.6085	0.6085	0.0000	4
KY_RS	04/05/2021	3	0.5776	0.0000	0.5776	0.5776	0.0000	4
KY_RS	04/05/2021	4	0.5707	0.0000	0.5707	0.5707	0.0000	4
KY_RS	04/05/2021	5	0.5925	0.0000	0.5925	0.5925	0.0000	4
KY_RS	04/05/2021	6	0.6516	0.0000	0.6516	0.6516	0.0000	4
KY_RS	04/05/2021	7	0.7556	0.0000	0.7556	0.7556	0.0000	4
KY_RS	04/05/2021	8	0.8489	0.0000	0.8489	0.8489	0.0000	4
KY_RS	04/05/2021	9	0.8580	0.6454	0.2126	0.2126	0.0000	4
KY_RS	04/05/2021	10	0.8414	2.1578	(1.3164)	0.0000	(1.3164)	4
KY_RS	04/05/2021	11	0.8337	3.1552	(2.3216)	0.0000	(2.3216)	4
KY_RS	04/05/2021	12	0.8323	3.4765	(2.6442)	0.0000	(2.6442)	4
KY_RS	04/05/2021	13	0.8341	3.5012	(2.6671)	0.0000	(2.6671)	4
KY_RS	04/05/2021	14	0.8233	4.7353	(3.9121)	0.0000	(3.9121)	4
KY_RS	04/05/2021	15	0.8217	4.5265	(3.7048)	0.0000	(3.7048)	4
KY_RS	04/05/2021	16	0.8498	3.7235	(2.8737)	0.0000	(2.8737)	4
KY_RS	04/05/2021	17	0.9104	2.8968	(1.9864)	0.0000	(1.9864)	4
KY_RS	04/05/2021	18	0.9949	2.2019	(1.2069)	0.0000	(1.2069)	4
KY_RS	04/05/2021	19	1.0474	1.2158	(0.1684)	0.0000	(0.1684)	4
KY_RS	04/05/2021	20	1.0656	0.0705	0.9951	0.9951	0.0000	4
KY_RS	04/05/2021	21	1.1174	0.0000	1.1174	1.1174	0.0000	4
KY_RS	04/05/2021	22	1.0799	0.0000	1.0799	1.0799	0.0000	4
KY_RS	04/05/2021	23	0.9511	0.0000	0.9511	0.9511	0.0000	4
KY_RS	04/05/2021	24	0.7984	0.0000	0.7984	0.7984	0.0000	4
KY_RS	04/06/2021	1	0.6785	0.0000	0.6785	0.6785	0.0000	4
KY_RS	04/06/2021	2	0.6024	0.0000	0.6024	0.6024	0.0000	4
KY_RS	04/06/2021	3	0.5610	0.0000	0.5610	0.5610	0.0000	4
KY_RS	04/06/2021	4	0.5467	0.0000	0.5467	0.5467	0.0000	4
KY_RS	04/06/2021	5	0.5558	0.0000	0.5558	0.5558	0.0000	4
KY_RS	04/06/2021	6	0.6055	0.0000	0.6055	0.6055	0.0000	4
KY_RS	04/06/2021	7	0.7014	0.0000	0.7014	0.7014	0.0000	4
KY_RS	04/06/2021	8	0.7846	0.0213	0.7634	0.7634	0.0000	4
KY_RS	04/06/2021	9	0.7911	0.9992	(0.2081)	0.0000	(0.2081)	4
KY_RS	04/06/2021	10	0.7855	2.4961	(1.7106)	0.0000	(1.7106)	4
KY_RS	04/06/2021	11	0.7864	3.6666	(2.8801)	0.0000	(2.8801)	4
KY_RS	04/06/2021	12	0.7940	3.8917	(3.0977)	0.0000	(3.0977)	4
KY_RS	04/06/2021	13	0.8133	4.2477	(3.4344)	0.0000	(3.4344)	4
KY_RS	04/06/2021	14	0.8233	3.9383	(3.1150)	0.0000	(3.1150)	4
KY_RS	04/06/2021	15	0.8334	4.3827	(3.5493)	0.0000	(3.5493)	4
KY_RS	04/06/2021	16	0.8757	4.6365	(3.7608)	0.0000	(3.7608)	4
KY_RS	04/06/2021	17	0.9498	3.9286	(2.9788)	0.0000	(2.9788)	4
KY_RS	04/06/2021	18	1.0360	2.8877	(1.8518)	0.0000	(1.8518)	4
KY_RS	04/06/2021	19	1.0922	1.4779	(0.3857)	0.0000	(0.3857)	4
KY_RS	04/06/2021	20	1.1080	0.2282	0.8798	0.8798	0.0000	4
KY_RS	04/06/2021	21	1.1489	0.0000	1.1489	1.1489	0.0000	4
KY_RS	04/06/2021	22	1.1285	0.0000	1.1285	1.1285	0.0000	4
KY_RS	04/06/2021	23	0.9979	0.0000	0.9979	0.9979	0.0000	4
KY_RS	04/06/2021	24	0.8375	0.0000	0.8375	0.8375	0.0000	4
KY_RS	04/07/2021	1	0.7103	0.0000	0.7103	0.7103	0.0000	4
KY_RS	04/07/2021	2	0.6284	0.0000	0.6284	0.6284	0.0000	4
KY_RS	04/07/2021	3	0.5794	0.0000	0.5794	0.5794	0.0000	4
KY_RS	04/07/2021	4	0.5551	0.0000	0.5551	0.5551	0.0000	4
KY_RS	04/07/2021	5	0.5542	0.0000	0.5542	0.5542	0.0000	4
KY_RS	04/07/2021	6	0.5954	0.0000	0.5954	0.5954	0.0000	4
KY_RS	04/07/2021	7	0.6764	0.0000	0.6764	0.6764	0.0000	4
KY_RS	04/07/2021	8	0.7533	0.0238	0.7295	0.7295	0.0000	4
KY_RS	04/07/2021	9	0.7654	0.9777	(0.2123)	0.0000	(0.2123)	4
KY_RS	04/07/2021	10	0.7802	2.4038	(1.6236)	0.0000	(1.6236)	4
KY_RS	04/07/2021	11	0.8058	3.5356	(2.7298)	0.0000	(2.7298)	4
KY_RS	04/07/2021	12	0.8420	3.7839	(2.9419)	0.0000	(2.9419)	4

KY_RS	04/07/2021	13	0.8831	3.8754	(2.9923)	0.0000	(2.9923)	4
KY_RS	04/07/2021	14	0.9217	4.2624	(3.3407)	0.0000	(3.3407)	4
KY_RS	04/07/2021	15	0.9642	4.9038	(3.9396)	0.0000	(3.9396)	4
KY_RS	04/07/2021	16	1.0246	4.4577	(3.4332)	0.0000	(3.4332)	4
KY_RS	04/07/2021	17	1.1149	3.6971	(2.5822)	0.0000	(2.5822)	4
KY_RS	04/07/2021	18	1.2101	2.6841	(1.4740)	0.0000	(1.4740)	4
KY_RS	04/07/2021	19	1.2352	1.3772	(0.1420)	0.0000	(0.1420)	4
KY_RS	04/07/2021	20	1.2379	0.2321	1.0058	1.0058	0.0000	4
KY_RS	04/07/2021	21	1.2741	0.0000	1.2741	1.2741	0.0000	4
KY_RS	04/07/2021	22	1.2483	0.0000	1.2483	1.2483	0.0000	4
KY_RS	04/07/2021	23	1.1109	0.0000	1.1109	1.1109	0.0000	4
KY_RS	04/07/2021	24	0.9425	0.0000	0.9425	0.9425	0.0000	4
KY_RS	04/08/2021	1	0.8033	0.0000	0.8033	0.8033	0.0000	4
KY_RS	04/08/2021	2	0.7143	0.0000	0.7143	0.7143	0.0000	4
KY_RS	04/08/2021	3	0.6534	0.0000	0.6534	0.6534	0.0000	4
KY_RS	04/08/2021	4	0.6162	0.0000	0.6162	0.6162	0.0000	4
KY_RS	04/08/2021	5	0.6047	0.0000	0.6047	0.6047	0.0000	4
KY_RS	04/08/2021	6	0.6324	0.0000	0.6324	0.6324	0.0000	4
KY_RS	04/08/2021	7	0.7092	0.0000	0.7092	0.7092	0.0000	4
KY_RS	04/08/2021	8	0.7723	0.0381	0.7342	0.7342	0.0000	4
KY_RS	04/08/2021	9	0.7850	0.7343	0.0507	0.0507	0.0000	4
KY_RS	04/08/2021	10	0.8023	1.7779	(0.9756)	0.0000	(0.9756)	4
KY_RS	04/08/2021	11	0.8188	3.4060	(2.5872)	0.0000	(2.5872)	4
KY_RS	04/08/2021	12	0.8351	3.7070	(2.8719)	0.0000	(2.8719)	4
KY_RS	04/08/2021	13	0.8503	4.0301	(3.1798)	0.0000	(3.1798)	4
KY_RS	04/08/2021	14	0.8463	4.3894	(3.5432)	0.0000	(3.5432)	4
KY_RS	04/08/2021	15	0.8429	3.3832	(2.5402)	0.0000	(2.5402)	4
KY_RS	04/08/2021	16	0.8578	3.8063	(2.9485)	0.0000	(2.9485)	4
KY_RS	04/08/2021	17	0.9196	2.4277	(1.5081)	0.0000	(1.5081)	4
KY_RS	04/08/2021	18	1.0264	1.2756	(0.2492)	0.0000	(0.2492)	4
KY_RS	04/08/2021	19	1.0645	1.1751	(0.1106)	0.0000	(0.1106)	4
KY_RS	04/08/2021	20	1.0689	0.1709	0.8980	0.8980	0.0000	4
KY_RS	04/08/2021	21	1.0866	0.0000	1.0866	1.0866	0.0000	4
KY_RS	04/08/2021	22	1.0545	0.0000	1.0545	1.0545	0.0000	4
KY_RS	04/08/2021	23	0.9370	0.0000	0.9370	0.9370	0.0000	4
KY_RS	04/08/2021	24	0.7956	0.0000	0.7956	0.7956	0.0000	4
KY_RS	04/09/2021	1	0.6809	0.0000	0.6809	0.6809	0.0000	4
KY_RS	04/09/2021	2	0.6088	0.0000	0.6088	0.6088	0.0000	4
KY_RS	04/09/2021	3	0.5662	0.0000	0.5662	0.5662	0.0000	4
KY_RS	04/09/2021	4	0.5475	0.0000	0.5475	0.5475	0.0000	4
KY_RS	04/09/2021	5	0.5505	0.0000	0.5505	0.5505	0.0000	4
KY_RS	04/09/2021	6	0.5941	0.0000	0.5941	0.5941	0.0000	4
KY_RS	04/09/2021	7	0.6814	0.0000	0.6814	0.6814	0.0000	4
KY_RS	04/09/2021	8	0.7591	0.0000	0.7591	0.7591	0.0000	4
KY_RS	04/09/2021	9	0.7778	0.0907	0.6871	0.6871	0.0000	4
KY_RS	04/09/2021	10	0.7918	0.9503	(0.1585)	0.0000	(0.1585)	4
KY_RS	04/09/2021	11	0.8060	3.1212	(2.3152)	0.0000	(2.3152)	4
KY_RS	04/09/2021	12	0.8159	3.8661	(3.0503)	0.0000	(3.0503)	4
KY_RS	04/09/2021	13	0.8397	3.1304	(2.2907)	0.0000	(2.2907)	4
KY_RS	04/09/2021	14	0.8565	3.2618	(2.4053)	0.0000	(2.4053)	4
KY_RS	04/09/2021	15	0.8920	2.8877	(1.9957)	0.0000	(1.9957)	4
KY_RS	04/09/2021	16	0.9428	2.9542	(2.0114)	0.0000	(2.0114)	4
KY_RS	04/09/2021	17	1.0093	2.0481	(1.0388)	0.0000	(1.0388)	4
KY_RS	04/09/2021	18	1.0861	2.4221	(1.3359)	0.0000	(1.3359)	4
KY_RS	04/09/2021	19	1.1072	0.6110	0.4962	0.4962	0.0000	4
KY_RS	04/09/2021	20	1.0668	0.2457	0.8210	0.8210	0.0000	4
KY_RS	04/09/2021	21	1.0630	0.0000	1.0630	1.0630	0.0000	4
KY_RS	04/09/2021	22	1.0434	0.0000	1.0434	1.0434	0.0000	4
KY_RS	04/09/2021	23	0.9613	0.0000	0.9613	0.9613	0.0000	4
KY_RS	04/09/2021	24	0.8510	0.0000	0.8510	0.8510	0.0000	4
KY_RS	04/10/2021	1	0.7348	0.0000	0.7348	0.7348	0.0000	4
KY_RS	04/10/2021	2	0.6504	0.0000	0.6504	0.6504	0.0000	4
KY_RS	04/10/2021	3	0.5950	0.0000	0.5950	0.5950	0.0000	4
KY_RS	04/10/2021	4	0.5630	0.0000	0.5630	0.5630	0.0000	4
KY_RS	04/10/2021	5	0.5477	0.0000	0.5477	0.5477	0.0000	4
KY_RS	04/10/2021	6	0.5523	0.0000	0.5523	0.5523	0.0000	4
KY_RS	04/10/2021	7	0.5791	0.0000	0.5791	0.5791	0.0000	4
KY_RS	04/10/2021	8	0.6479	0.0000	0.6479	0.6479	0.0000	4
KY_RS	04/10/2021	9	0.7520	0.3887	0.3632	0.3632	0.0000	4
KY_RS	04/10/2021	10	0.8360	1.6714	(0.8354)	0.0000	(0.8354)	4
KY_RS	04/10/2021	11	0.8953	2.0830	(1.1877)	0.0000	(1.1877)	4
KY_RS	04/10/2021	12	0.9334	3.5650	(2.6316)	0.0000	(2.6316)	4
KY_RS	04/10/2021	13	0.9537	2.9508	(1.9971)	0.0000	(1.9971)	4
KY_RS	04/10/2021	14	0.9535	3.9899	(3.0363)	0.0000	(3.0363)	4
KY_RS	04/10/2021	15	0.9534	2.6517	(1.6983)	0.0000	(1.6983)	4
KY_RS	04/10/2021	16	0.9531	2.2757	(1.3226)	0.0000	(1.3226)	4
KY_RS	04/10/2021	17	0.9702	2.6035	(1.6333)	0.0000	(1.6333)	4
KY_RS	04/10/2021	18	1.0060	0.9281	0.0779	0.0779	0.0000	4
KY_RS	04/10/2021	19	1.0116	0.4180	0.5935	0.5935	0.0000	4

KY_RS	04/10/2021	20	0.9825	0.2003	0.7821	0.7821	0.0000	4
KY_RS	04/10/2021	21	0.9832	0.0000	0.9832	0.9832	0.0000	4
KY_RS	04/10/2021	22	0.9592	0.0000	0.9592	0.9592	0.0000	4
KY_RS	04/10/2021	23	0.8865	0.0000	0.8865	0.8865	0.0000	4
KY_RS	04/10/2021	24	0.7935	0.0000	0.7935	0.7935	0.0000	4
KY_RS	04/11/2021	1	0.6983	0.0000	0.6983	0.6983	0.0000	4
KY_RS	04/11/2021	2	0.6306	0.0000	0.6306	0.6306	0.0000	4
KY_RS	04/11/2021	3	0.5903	0.0000	0.5903	0.5903	0.0000	4
KY_RS	04/11/2021	4	0.5668	0.0000	0.5668	0.5668	0.0000	4
KY_RS	04/11/2021	5	0.5621	0.0000	0.5621	0.5621	0.0000	4
KY_RS	04/11/2021	6	0.5771	0.0000	0.5771	0.5771	0.0000	4
KY_RS	04/11/2021	7	0.6115	0.0000	0.6115	0.6115	0.0000	4
KY_RS	04/11/2021	8	0.6983	0.0000	0.6983	0.6983	0.0000	4
KY_RS	04/11/2021	9	0.8246	0.0055	0.8191	0.8191	0.0000	4
KY_RS	04/11/2021	10	0.9410	1.2011	(0.2601)	0.0000	(0.2601)	4
KY_RS	04/11/2021	11	1.0113	2.1461	(1.1349)	0.0000	(1.1349)	4
KY_RS	04/11/2021	12	1.0551	0.2706	0.7845	0.7845	0.0000	4
KY_RS	04/11/2021	13	1.0883	2.0962	(1.0079)	0.0000	(1.0079)	4
KY_RS	04/11/2021	14	1.0875	1.3829	(0.2953)	0.0000	(0.2953)	4
KY_RS	04/11/2021	15	1.0798	1.3393	(0.2595)	0.0000	(0.2595)	4
KY_RS	04/11/2021	16	1.0853	3.1238	(2.0385)	0.0000	(2.0385)	4
KY_RS	04/11/2021	17	1.1207	3.4573	(2.3366)	0.0000	(2.3366)	4
KY_RS	04/11/2021	18	1.1713	1.4861	(0.3148)	0.0000	(0.3148)	4
KY_RS	04/11/2021	19	1.1954	0.6912	0.5042	0.5042	0.0000	4
KY_RS	04/11/2021	20	1.2087	0.1104	1.0983	1.0983	0.0000	4
KY_RS	04/11/2021	21	1.2108	0.0000	1.2108	1.2108	0.0000	4
KY_RS	04/11/2021	22	1.1468	0.0000	1.1468	1.1468	0.0000	4
KY_RS	04/11/2021	23	1.0171	0.0000	1.0171	1.0171	0.0000	4
KY_RS	04/11/2021	24	0.8806	0.0000	0.8806	0.8806	0.0000	4
KY_RS	04/12/2021	1	0.7797	0.0000	0.7797	0.7797	0.0000	4
KY_RS	04/12/2021	2	0.7186	0.0000	0.7186	0.7186	0.0000	4
KY_RS	04/12/2021	3	0.6862	0.0000	0.6862	0.6862	0.0000	4
KY_RS	04/12/2021	4	0.6746	0.0000	0.6746	0.6746	0.0000	4
KY_RS	04/12/2021	5	0.6849	0.0000	0.6849	0.6849	0.0000	4
KY_RS	04/12/2021	6	0.7429	0.0000	0.7429	0.7429	0.0000	4
KY_RS	04/12/2021	7	0.8446	0.0000	0.8446	0.8446	0.0000	4
KY_RS	04/12/2021	8	0.9138	0.0000	0.9138	0.9138	0.0000	4
KY_RS	04/12/2021	9	0.9202	0.2914	0.6288	0.6288	0.0000	4
KY_RS	04/12/2021	10	0.9225	0.3502	0.5723	0.5723	0.0000	4
KY_RS	04/12/2021	11	0.9381	0.6320	0.3062	0.3062	0.0000	4
KY_RS	04/12/2021	12	0.9230	1.6649	(0.7419)	0.0000	(0.7419)	4
KY_RS	04/12/2021	13	0.8983	0.7565	0.1418	0.1418	0.0000	4
KY_RS	04/12/2021	14	0.8640	0.3107	0.5533	0.5533	0.0000	4
KY_RS	04/12/2021	15	0.8274	2.0771	(1.2497)	0.0000	(1.2497)	4
KY_RS	04/12/2021	16	0.8216	0.9258	(0.1042)	0.0000	(0.1042)	4
KY_RS	04/12/2021	17	0.8569	0.7093	0.1476	0.1476	0.0000	4
KY_RS	04/12/2021	18	0.9298	0.3657	0.5641	0.5641	0.0000	4
KY_RS	04/12/2021	19	0.9736	0.0557	0.9178	0.9178	0.0000	4
KY_RS	04/12/2021	20	0.9883	0.0000	0.9883	0.9883	0.0000	4
KY_RS	04/12/2021	21	1.0466	0.0000	1.0466	1.0466	0.0000	4
KY_RS	04/12/2021	22	1.0238	0.0000	1.0238	1.0238	0.0000	4
KY_RS	04/12/2021	23	0.9097	0.0000	0.9097	0.9097	0.0000	4
KY_RS	04/12/2021	24	0.7782	0.0000	0.7782	0.7782	0.0000	4
KY_RS	04/13/2021	1	0.6845	0.0000	0.6845	0.6845	0.0000	4
KY_RS	04/13/2021	2	0.6367	0.0000	0.6367	0.6367	0.0000	4
KY_RS	04/13/2021	3	0.6199	0.0000	0.6199	0.6199	0.0000	4
KY_RS	04/13/2021	4	0.6226	0.0000	0.6226	0.6226	0.0000	4
KY_RS	04/13/2021	5	0.6464	0.0000	0.6464	0.6464	0.0000	4
KY_RS	04/13/2021	6	0.7125	0.0000	0.7125	0.7125	0.0000	4
KY_RS	04/13/2021	7	0.8203	0.0000	0.8203	0.8203	0.0000	4
KY_RS	04/13/2021	8	0.8935	0.0376	0.8559	0.8559	0.0000	4
KY_RS	04/13/2021	9	0.8959	0.4649	0.4310	0.4310	0.0000	4
KY_RS	04/13/2021	10	0.8884	0.4830	0.4054	0.4054	0.0000	4
KY_RS	04/13/2021	11	0.8785	0.8206	0.0580	0.0580	0.0000	4
KY_RS	04/13/2021	12	0.8569	0.5254	0.3314	0.3314	0.0000	4
KY_RS	04/13/2021	13	0.8197	0.2985	0.5213	0.5213	0.0000	4
KY_RS	04/13/2021	14	0.7857	0.7400	0.0457	0.0457	0.0000	4
KY_RS	04/13/2021	15	0.7662	0.8029	(0.0367)	0.0000	(0.0367)	4
KY_RS	04/13/2021	16	0.7794	2.3034	(1.5239)	0.0000	(1.5239)	4
KY_RS	04/13/2021	17	0.8299	1.6810	(0.8511)	0.0000	(0.8511)	4
KY_RS	04/13/2021	18	0.9089	0.7947	0.1142	0.1142	0.0000	4
KY_RS	04/13/2021	19	0.9579	0.5135	0.4444	0.4444	0.0000	4
KY_RS	04/13/2021	20	0.9804	0.0116	0.9688	0.9688	0.0000	4
KY_RS	04/13/2021	21	1.0350	0.0000	1.0350	1.0350	0.0000	4
KY_RS	04/13/2021	22	1.0171	0.0000	1.0171	1.0171	0.0000	4
KY_RS	04/13/2021	23	0.9008	0.0000	0.9008	0.9008	0.0000	4
KY_RS	04/13/2021	24	0.7656	0.0000	0.7656	0.7656	0.0000	4
KY_RS	04/14/2021	1	0.6631	0.0000	0.6631	0.6631	0.0000	4
KY_RS	04/14/2021	2	0.6059	0.0000	0.6059	0.6059	0.0000	4

KY_RS	04/14/2021	3	0.5798	0.0000	0.5798	0.5798	0.0000	4
KY_RS	04/14/2021	4	0.5725	0.0000	0.5725	0.5725	0.0000	4
KY_RS	04/14/2021	5	0.5914	0.0000	0.5914	0.5914	0.0000	4
KY_RS	04/14/2021	6	0.6508	0.0000	0.6508	0.6508	0.0000	4
KY_RS	04/14/2021	7	0.7541	0.0000	0.7541	0.7541	0.0000	4
KY_RS	04/14/2021	8	0.8276	0.0791	0.7485	0.7485	0.0000	4
KY_RS	04/14/2021	9	0.8325	0.6154	0.2170	0.2170	0.0000	4
KY_RS	04/14/2021	10	0.8409	1.7545	(0.9136)	0.0000	(0.9136)	4
KY_RS	04/14/2021	11	0.8467	3.2646	(2.4179)	0.0000	(2.4179)	4
KY_RS	04/14/2021	12	0.8502	3.5493	(2.6991)	0.0000	(2.6991)	4
KY_RS	04/14/2021	13	0.8551	3.1090	(2.2539)	0.0000	(2.2539)	4
KY_RS	04/14/2021	14	0.8375	2.3646	(1.5271)	0.0000	(1.5271)	4
KY_RS	04/14/2021	15	0.8089	2.6481	(1.8391)	0.0000	(1.8391)	4
KY_RS	04/14/2021	16	0.8024	1.5430	(0.7406)	0.0000	(0.7406)	4
KY_RS	04/14/2021	17	0.8355	1.0087	(0.1731)	0.0000	(0.1731)	4
KY_RS	04/14/2021	18	0.9039	1.1388	(0.2349)	0.0000	(0.2349)	4
KY_RS	04/14/2021	19	0.9422	0.4245	0.5177	0.5177	0.0000	4
KY_RS	04/14/2021	20	0.9737	0.2444	0.7293	0.7293	0.0000	4
KY_RS	04/14/2021	21	1.0363	0.0000	1.0363	1.0363	0.0000	4
KY_RS	04/14/2021	22	1.0315	0.0000	1.0315	1.0315	0.0000	4
KY_RS	04/14/2021	23	0.9271	0.0000	0.9271	0.9271	0.0000	4
KY_RS	04/14/2021	24	0.8028	0.0000	0.8028	0.8028	0.0000	4
KY_RS	04/15/2021	1	0.7210	0.0000	0.7210	0.7210	0.0000	4
KY_RS	04/15/2021	2	0.6772	0.0000	0.6772	0.6772	0.0000	4
KY_RS	04/15/2021	3	0.6620	0.0000	0.6620	0.6620	0.0000	4
KY_RS	04/15/2021	4	0.6649	0.0000	0.6649	0.6649	0.0000	4
KY_RS	04/15/2021	5	0.6975	0.0000	0.6975	0.6975	0.0000	4
KY_RS	04/15/2021	6	0.7774	0.0000	0.7774	0.7774	0.0000	4
KY_RS	04/15/2021	7	0.9063	0.0000	0.9063	0.9063	0.0000	4
KY_RS	04/15/2021	8	0.9935	0.1184	0.8751	0.8751	0.0000	4
KY_RS	04/15/2021	9	0.9750	1.2982	(0.3232)	0.0000	(0.3232)	4
KY_RS	04/15/2021	10	0.9513	2.8382	(1.8869)	0.0000	(1.8869)	4
KY_RS	04/15/2021	11	0.9681	3.9844	(3.0163)	0.0000	(3.0163)	4
KY_RS	04/15/2021	12	0.9411	4.7582	(3.8171)	0.0000	(3.8171)	4
KY_RS	04/15/2021	13	0.9265	5.1812	(4.2547)	0.0000	(4.2547)	4
KY_RS	04/15/2021	14	0.8930	5.2888	(4.3959)	0.0000	(4.3959)	4
KY_RS	04/15/2021	15	0.8560	5.1683	(4.3123)	0.0000	(4.3123)	4
KY_RS	04/15/2021	16	0.8514	4.7579	(3.9065)	0.0000	(3.9065)	4
KY_RS	04/15/2021	17	0.8941	4.0617	(3.1676)	0.0000	(3.1676)	4
KY_RS	04/15/2021	18	0.9821	3.0452	(2.0631)	0.0000	(2.0631)	4
KY_RS	04/15/2021	19	1.0309	1.6308	(0.5999)	0.0000	(0.5999)	4
KY_RS	04/15/2021	20	1.0772	0.3043	0.7728	0.7728	0.0000	4
KY_RS	04/15/2021	21	1.1412	0.0000	1.1412	1.1412	0.0000	4
KY_RS	04/15/2021	22	1.1203	0.0000	1.1203	1.1203	0.0000	4
KY_RS	04/15/2021	23	1.0244	0.0000	1.0244	1.0244	0.0000	4
KY_RS	04/15/2021	24	0.9212	0.0000	0.9212	0.9212	0.0000	4
KY_RS	04/16/2021	1	0.8500	0.0000	0.8500	0.8500	0.0000	4
KY_RS	04/16/2021	2	0.8194	0.0000	0.8194	0.8194	0.0000	4
KY_RS	04/16/2021	3	0.8121	0.0000	0.8121	0.8121	0.0000	4
KY_RS	04/16/2021	4	0.8261	0.0000	0.8261	0.8261	0.0000	4
KY_RS	04/16/2021	5	0.8614	0.0000	0.8614	0.8614	0.0000	4
KY_RS	04/16/2021	6	0.9394	0.0000	0.9394	0.9394	0.0000	4
KY_RS	04/16/2021	7	1.0707	0.0000	1.0707	1.0707	0.0000	4
KY_RS	04/16/2021	8	1.1565	0.1250	1.0316	1.0316	0.0000	4
KY_RS	04/16/2021	9	1.0920	1.3050	(0.2130)	0.0000	(0.2130)	4
KY_RS	04/16/2021	10	1.0120	2.8416	(1.8297)	0.0000	(1.8297)	4
KY_RS	04/16/2021	11	0.9507	3.9732	(3.0226)	0.0000	(3.0226)	4
KY_RS	04/16/2021	12	0.9140	4.7488	(3.8348)	0.0000	(3.8348)	4
KY_RS	04/16/2021	13	0.8826	5.2329	(4.3503)	0.0000	(4.3503)	4
KY_RS	04/16/2021	14	0.8434	5.3917	(4.5482)	0.0000	(4.5482)	4
KY_RS	04/16/2021	15	0.8128	5.2467	(4.4339)	0.0000	(4.4339)	4
KY_RS	04/16/2021	16	0.8061	4.8226	(4.0165)	0.0000	(4.0165)	4
KY_RS	04/16/2021	17	0.8342	4.1076	(3.2735)	0.0000	(3.2735)	4
KY_RS	04/16/2021	18	0.8725	3.0564	(2.1839)	0.0000	(2.1839)	4
KY_RS	04/16/2021	19	0.8916	1.6220	(0.7304)	0.0000	(0.7304)	4
KY_RS	04/16/2021	20	0.8993	0.3009	0.5985	0.5985	0.0000	4
KY_RS	04/16/2021	21	0.9453	0.0000	0.9453	0.9453	0.0000	4
KY_RS	04/16/2021	22	0.9552	0.0000	0.9552	0.9552	0.0000	4
KY_RS	04/16/2021	23	0.8996	0.0000	0.8996	0.8996	0.0000	4
KY_RS	04/16/2021	24	0.8238	0.0000	0.8238	0.8238	0.0000	4
KY_RS	04/17/2021	1	0.7539	0.0000	0.7539	0.7539	0.0000	4
KY_RS	04/17/2021	2	0.7146	0.0000	0.7146	0.7146	0.0000	4
KY_RS	04/17/2021	3	0.6986	0.0000	0.6986	0.6986	0.0000	4
KY_RS	04/17/2021	4	0.6925	0.0000	0.6925	0.6925	0.0000	4
KY_RS	04/17/2021	5	0.7015	0.0000	0.7015	0.7015	0.0000	4
KY_RS	04/17/2021	6	0.7330	0.0000	0.7330	0.7330	0.0000	4
KY_RS	04/17/2021	7	0.7776	0.0000	0.7776	0.7776	0.0000	4
KY_RS	04/17/2021	8	0.8632	0.1419	0.7213	0.7213	0.0000	4
KY_RS	04/17/2021	9	0.9611	0.9798	(0.0187)	0.0000	(0.0187)	4

KY_RS	04/17/2021	10	1.0146	2.6941	(1.6795)	0.0000	(1.6795)	4
KY_RS	04/17/2021	11	1.0208	3.1710	(2.1502)	0.0000	(2.1502)	4
KY_RS	04/17/2021	12	1.0160	3.8986	(2.8826)	0.0000	(2.8826)	4
KY_RS	04/17/2021	13	1.0212	4.3210	(3.2998)	0.0000	(3.2998)	4
KY_RS	04/17/2021	14	1.0070	5.1256	(4.1187)	0.0000	(4.1187)	4
KY_RS	04/17/2021	15	0.9673	4.5207	(3.5534)	0.0000	(3.5534)	4
KY_RS	04/17/2021	16	0.9562	4.5741	(3.6179)	0.0000	(3.6179)	4
KY_RS	04/17/2021	17	0.9857	3.8720	(2.8863)	0.0000	(2.8863)	4
KY_RS	04/17/2021	18	1.0192	2.8603	(1.8411)	0.0000	(1.8411)	4
KY_RS	04/17/2021	19	1.0319	1.5175	(0.4857)	0.0000	(0.4857)	4
KY_RS	04/17/2021	20	1.0229	0.3106	0.7122	0.0000	0.7122	4
KY_RS	04/17/2021	21	1.0502	0.0000	1.0502	1.0502	0.0000	4
KY_RS	04/17/2021	22	1.0619	0.0000	1.0619	1.0619	0.0000	4
KY_RS	04/17/2021	23	1.0070	0.0000	1.0070	1.0070	0.0000	4
KY_RS	04/17/2021	24	0.9350	0.0000	0.9350	0.9350	0.0000	4
KY_RS	04/18/2021	1	0.8665	0.0000	0.8665	0.8665	0.0000	4
KY_RS	04/18/2021	2	0.8215	0.0000	0.8215	0.8215	0.0000	4
KY_RS	04/18/2021	3	0.7997	0.0000	0.7997	0.7997	0.0000	4
KY_RS	04/18/2021	4	0.7974	0.0000	0.7974	0.7974	0.0000	4
KY_RS	04/18/2021	5	0.8101	0.0000	0.8101	0.8101	0.0000	4
KY_RS	04/18/2021	6	0.8466	0.0000	0.8466	0.8466	0.0000	4
KY_RS	04/18/2021	7	0.9012	0.0000	0.9012	0.9012	0.0000	4
KY_RS	04/18/2021	8	0.9951	0.1408	0.8543	0.8543	0.0000	4
KY_RS	04/18/2021	9	1.0437	1.2513	(0.2076)	0.0000	(0.2076)	4
KY_RS	04/18/2021	10	1.0541	2.6969	(1.6428)	0.0000	(1.6428)	4
KY_RS	04/18/2021	11	1.0412	3.7930	(2.7518)	0.0000	(2.7518)	4
KY_RS	04/18/2021	12	1.0169	4.5634	(3.5465)	0.0000	(3.5465)	4
KY_RS	04/18/2021	13	0.9957	5.0290	(4.0333)	0.0000	(4.0333)	4
KY_RS	04/18/2021	14	0.9617	5.1731	(4.2114)	0.0000	(4.2114)	4
KY_RS	04/18/2021	15	0.9322	5.0432	(4.1110)	0.0000	(4.1110)	4
KY_RS	04/18/2021	16	0.9264	4.6514	(3.7250)	0.0000	(3.7250)	4
KY_RS	04/18/2021	17	0.9509	3.9271	(2.9762)	0.0000	(2.9762)	4
KY_RS	04/18/2021	18	1.0038	2.2164	(1.2126)	0.0000	(1.2126)	4
KY_RS	04/18/2021	19	1.0436	1.1358	(0.0922)	0.0000	(0.0922)	4
KY_RS	04/18/2021	20	1.0763	0.2152	0.8611	0.8611	0.0000	4
KY_RS	04/18/2021	21	1.1302	0.0000	1.1302	1.1302	0.0000	4
KY_RS	04/18/2021	22	1.1004	0.0000	1.1004	1.1004	0.0000	4
KY_RS	04/18/2021	23	0.9605	0.0000	0.9605	0.9605	0.0000	4
KY_RS	04/18/2021	24	0.8113	0.0000	0.8113	0.8113	0.0000	4
KY_RS	04/19/2021	1	0.7046	0.0000	0.7046	0.7046	0.0000	4
KY_RS	04/19/2021	2	0.6471	0.0000	0.6471	0.6471	0.0000	4
KY_RS	04/19/2021	3	0.6218	0.0000	0.6218	0.6218	0.0000	4
KY_RS	04/19/2021	4	0.6241	0.0000	0.6241	0.6241	0.0000	4
KY_RS	04/19/2021	5	0.6442	0.0000	0.6442	0.6442	0.0000	4
KY_RS	04/19/2021	6	0.7160	0.0000	0.7160	0.7160	0.0000	4
KY_RS	04/19/2021	7	0.8589	0.0000	0.8589	0.8589	0.0000	4
KY_RS	04/19/2021	8	0.9370	0.0231	0.9139	0.9139	0.0000	4
KY_RS	04/19/2021	9	0.8843	0.0322	0.8521	0.8521	0.0000	4
KY_RS	04/19/2021	10	0.8461	0.9295	(0.0834)	0.0000	(0.0834)	4
KY_RS	04/19/2021	11	0.8227	1.9845	(1.1618)	0.0000	(1.1618)	4
KY_RS	04/19/2021	12	0.8118	2.2524	(1.4406)	0.0000	(1.4406)	4
KY_RS	04/19/2021	13	0.8131	0.1905	0.6226	0.6226	0.0000	4
KY_RS	04/19/2021	14	0.7961	4.5335	(3.7374)	0.0000	(3.7374)	4
KY_RS	04/19/2021	15	0.7834	3.2151	(2.4316)	0.0000	(2.4316)	4
KY_RS	04/19/2021	16	0.8044	1.0809	(0.2765)	0.0000	(0.2765)	4
KY_RS	04/19/2021	17	0.8606	2.1703	(1.3097)	0.0000	(1.3097)	4
KY_RS	04/19/2021	18	0.9491	0.1217	0.8274	0.8274	0.0000	4
KY_RS	04/19/2021	19	0.9972	0.8562	0.1410	0.1410	0.0000	4
KY_RS	04/19/2021	20	1.0172	0.0209	0.9963	0.9963	0.0000	4
KY_RS	04/19/2021	21	1.0617	0.0000	1.0617	1.0617	0.0000	4
KY_RS	04/19/2021	22	1.0441	0.0000	1.0441	1.0441	0.0000	4
KY_RS	04/19/2021	23	0.9135	0.0000	0.9135	0.9135	0.0000	4
KY_RS	04/19/2021	24	0.7681	0.0000	0.7681	0.7681	0.0000	4
KY_RS	04/20/2021	1	0.6678	0.0000	0.6678	0.6678	0.0000	4
KY_RS	04/20/2021	2	0.6173	0.0000	0.6173	0.6173	0.0000	4
KY_RS	04/20/2021	3	0.6007	0.0000	0.6007	0.6007	0.0000	4
KY_RS	04/20/2021	4	0.6060	0.0000	0.6060	0.6060	0.0000	4
KY_RS	04/20/2021	5	0.6383	0.0000	0.6383	0.6383	0.0000	4
KY_RS	04/20/2021	6	0.7223	0.0000	0.7223	0.7223	0.0000	4
KY_RS	04/20/2021	7	0.8744	0.0000	0.8744	0.8744	0.0000	4
KY_RS	04/20/2021	8	0.9634	0.1825	0.7809	0.7809	0.0000	4
KY_RS	04/20/2021	9	0.9244	1.2411	(0.3166)	0.0000	(0.3166)	4
KY_RS	04/20/2021	10	0.8691	2.6134	(1.7443)	0.0000	(1.7443)	4
KY_RS	04/20/2021	11	0.8328	3.6782	(2.8455)	0.0000	(2.8455)	4
KY_RS	04/20/2021	12	0.8100	1.7622	(0.9522)	0.0000	(0.9522)	4
KY_RS	04/20/2021	13	0.7932	0.9453	(0.1521)	0.0000	(0.1521)	4
KY_RS	04/20/2021	14	0.7656	0.7939	(0.0283)	0.0000	(0.0283)	4
KY_RS	04/20/2021	15	0.7560	0.6748	0.0812	0.0812	0.0000	4
KY_RS	04/20/2021	16	0.7792	0.5928	0.1864	0.1864	0.0000	4

KY_RS	04/20/2021	17	0.8423	0.4137	0.4286	0.4286	0.0000	4
KY_RS	04/20/2021	18	0.9408	0.1524	0.7884	0.7884	0.0000	4
KY_RS	04/20/2021	19	1.0000	0.2098	0.7902	0.7902	0.0000	4
KY_RS	04/20/2021	20	1.0311	0.3440	0.6871	0.6871	0.0000	4
KY_RS	04/20/2021	21	1.0893	0.0000	1.0893	1.0893	0.0000	4
KY_RS	04/20/2021	22	1.0716	0.0000	1.0716	1.0716	0.0000	4
KY_RS	04/20/2021	23	0.9851	0.0000	0.9851	0.9851	0.0000	4
KY_RS	04/20/2021	24	0.8939	0.0000	0.8939	0.8939	0.0000	4
KY_RS	04/21/2021	1	0.8379	0.0000	0.8379	0.8379	0.0000	4
KY_RS	04/21/2021	2	0.8375	0.0000	0.8375	0.8375	0.0000	4
KY_RS	04/21/2021	3	0.8559	0.0000	0.8559	0.8559	0.0000	4
KY_RS	04/21/2021	4	0.8800	0.0000	0.8800	0.8800	0.0000	4
KY_RS	04/21/2021	5	0.9310	0.0000	0.9310	0.9310	0.0000	4
KY_RS	04/21/2021	6	1.0259	0.0000	1.0259	1.0259	0.0000	4
KY_RS	04/21/2021	7	1.1790	0.0000	1.1790	1.1790	0.0000	4
KY_RS	04/21/2021	8	1.2809	0.1865	1.0944	1.0944	0.0000	4
KY_RS	04/21/2021	9	1.2641	0.4818	0.7822	0.7822	0.0000	4
KY_RS	04/21/2021	10	1.2198	1.0429	0.1769	0.1769	0.0000	4
KY_RS	04/21/2021	11	1.1512	3.7412	(2.5900)	0.0000	(2.5900)	4
KY_RS	04/21/2021	12	1.1172	4.4825	(3.3654)	0.0000	(3.3654)	4
KY_RS	04/21/2021	13	1.1111	4.8919	(3.7808)	0.0000	(3.7808)	4
KY_RS	04/21/2021	14	1.0823	5.0245	(3.9423)	0.0000	(3.9423)	4
KY_RS	04/21/2021	15	1.0697	2.4294	(1.3598)	0.0000	(1.3598)	4
KY_RS	04/21/2021	16	1.0772	1.2796	(0.2025)	0.0000	(0.2025)	4
KY_RS	04/21/2021	17	1.1513	2.5695	(1.4182)	0.0000	(1.4182)	4
KY_RS	04/21/2021	18	1.2768	1.1413	0.1355	0.1355	0.0000	4
KY_RS	04/21/2021	19	1.2375	0.7383	0.4991	0.4991	0.0000	4
KY_RS	04/21/2021	20	1.2645	0.3447	0.9198	0.9198	0.0000	4
KY_RS	04/21/2021	21	1.3551	0.0000	1.3551	1.3551	0.0000	4
KY_RS	04/21/2021	22	1.3527	0.0000	1.3527	1.3527	0.0000	4
KY_RS	04/21/2021	23	1.2472	0.0000	1.2472	1.2472	0.0000	4
KY_RS	04/21/2021	24	1.1415	0.0000	1.1415	1.1415	0.0000	4
KY_RS	04/22/2021	1	1.0831	0.0000	1.0831	1.0831	0.0000	4
KY_RS	04/22/2021	2	1.0631	0.0000	1.0631	1.0631	0.0000	4
KY_RS	04/22/2021	3	1.0626	0.0000	1.0626	1.0626	0.0000	4
KY_RS	04/22/2021	4	1.0610	0.0000	1.0610	1.0610	0.0000	4
KY_RS	04/22/2021	5	1.0838	0.0000	1.0838	1.0838	0.0000	4
KY_RS	04/22/2021	6	1.1537	0.0000	1.1537	1.1537	0.0000	4
KY_RS	04/22/2021	7	1.2742	0.0000	1.2742	1.2742	0.0000	4
KY_RS	04/22/2021	8	1.3257	0.1861	1.1395	1.1395	0.0000	4
KY_RS	04/22/2021	9	1.2710	1.2640	0.0070	0.0070	0.0000	4
KY_RS	04/22/2021	10	1.1696	2.6370	(1.4674)	0.0000	(1.4674)	4
KY_RS	04/22/2021	11	1.0715	3.6587	(2.5872)	0.0000	(2.5872)	4
KY_RS	04/22/2021	12	1.0474	4.4319	(3.3845)	0.0000	(3.3845)	4
KY_RS	04/22/2021	13	1.0528	4.8459	(3.7931)	0.0000	(3.7931)	4
KY_RS	04/22/2021	14	1.0080	5.0025	(3.9945)	0.0000	(3.9945)	4
KY_RS	04/22/2021	15	0.9671	3.0768	(2.1097)	0.0000	(2.1097)	4
KY_RS	04/22/2021	16	0.9515	2.8520	(1.9005)	0.0000	(1.9005)	4
KY_RS	04/22/2021	17	0.9794	3.0664	(2.0870)	0.0000	(2.0870)	4
KY_RS	04/22/2021	18	1.0294	1.8626	(0.8332)	0.0000	(0.8332)	4
KY_RS	04/22/2021	19	1.0524	1.3200	(0.2676)	0.0000	(0.2676)	4
KY_RS	04/22/2021	20	1.0912	0.3293	0.7620	0.7620	0.0000	4
KY_RS	04/22/2021	21	1.1781	0.0000	1.1781	1.1781	0.0000	4
KY_RS	04/22/2021	22	1.1973	0.0000	1.1973	1.1973	0.0000	4
KY_RS	04/22/2021	23	1.1181	0.0000	1.1181	1.1181	0.0000	4
KY_RS	04/22/2021	24	1.0219	0.0000	1.0219	1.0219	0.0000	4
KY_RS	04/23/2021	1	0.9589	0.0000	0.9589	0.9589	0.0000	4
KY_RS	04/23/2021	2	0.9377	0.0000	0.9377	0.9377	0.0000	4
KY_RS	04/23/2021	3	0.9424	0.0000	0.9424	0.9424	0.0000	4
KY_RS	04/23/2021	4	0.9633	0.0000	0.9633	0.9633	0.0000	4
KY_RS	04/23/2021	5	1.0012	0.0000	1.0012	1.0012	0.0000	4
KY_RS	04/23/2021	6	1.0890	0.0000	1.0890	1.0890	0.0000	4
KY_RS	04/23/2021	7	1.2221	0.0000	1.2221	1.2221	0.0000	4
KY_RS	04/23/2021	8	1.2802	0.1694	1.1107	1.1107	0.0000	4
KY_RS	04/23/2021	9	1.2273	1.2428	(0.0155)	0.0000	(0.0155)	4
KY_RS	04/23/2021	10	1.1496	2.5702	(1.4206)	0.0000	(1.4206)	4
KY_RS	04/23/2021	11	1.0680	3.5784	(2.5104)	0.0000	(2.5104)	4
KY_RS	04/23/2021	12	1.0082	4.3024	(3.2942)	0.0000	(3.2942)	4
KY_RS	04/23/2021	13	0.9836	4.7516	(3.7680)	0.0000	(3.7680)	4
KY_RS	04/23/2021	14	0.9456	4.9051	(3.9595)	0.0000	(3.9595)	4
KY_RS	04/23/2021	15	0.8950	4.7617	(3.8667)	0.0000	(3.8667)	4
KY_RS	04/23/2021	16	0.8734	4.3745	(3.5011)	0.0000	(3.5011)	4
KY_RS	04/23/2021	17	0.8982	3.7119	(2.8137)	0.0000	(2.8137)	4
KY_RS	04/23/2021	18	0.9356	2.7720	(1.8364)	0.0000	(1.8364)	4
KY_RS	04/23/2021	19	0.9442	1.5071	(0.5629)	0.0000	(0.5629)	4
KY_RS	04/23/2021	20	0.9625	0.3393	0.6233	0.6233	0.0000	4
KY_RS	04/23/2021	21	1.0018	0.0000	1.0018	1.0018	0.0000	4
KY_RS	04/23/2021	22	1.0014	0.0000	1.0014	1.0014	0.0000	4
KY_RS	04/23/2021	23	0.9466	0.0000	0.9466	0.9466	0.0000	4

KY_RS	04/23/2021	24	0.8722	0.0000	0.8722	0.8722	0.0000	4
KY_RS	04/24/2021	1	0.8050	0.0000	0.8050	0.8050	0.0000	4
KY_RS	04/24/2021	2	0.7604	0.0000	0.7604	0.7604	0.0000	4
KY_RS	04/24/2021	3	0.7373	0.0000	0.7373	0.7373	0.0000	4
KY_RS	04/24/2021	4	0.7362	0.0000	0.7362	0.7362	0.0000	4
KY_RS	04/24/2021	5	0.7456	0.0000	0.7456	0.7456	0.0000	4
KY_RS	04/24/2021	6	0.7799	0.0000	0.7799	0.7799	0.0000	4
KY_RS	04/24/2021	7	0.8203	0.0000	0.8203	0.8203	0.0000	4
KY_RS	04/24/2021	8	0.9033	0.2228	0.6804	0.6804	0.0000	4
KY_RS	04/24/2021	9	0.9977	0.9981	(0.0004)	0.0000	(0.0004)	4
KY_RS	04/24/2021	10	1.0589	2.6107	(1.5518)	0.0000	(1.5518)	4
KY_RS	04/24/2021	11	1.0881	3.6391	(2.5510)	0.0000	(2.5510)	4
KY_RS	04/24/2021	12	1.1093	4.3592	(3.2499)	0.0000	(3.2499)	4
KY_RS	04/24/2021	13	1.1199	4.7707	(3.6508)	0.0000	(3.6508)	4
KY_RS	04/24/2021	14	1.1021	4.2992	(3.1971)	0.0000	(3.1971)	4
KY_RS	04/24/2021	15	1.1042	3.7673	(2.6632)	0.0000	(2.6632)	4
KY_RS	04/24/2021	16	1.1020	2.0030	(0.9010)	0.0000	(0.9010)	4
KY_RS	04/24/2021	17	1.1130	3.0585	(1.9455)	0.0000	(1.9455)	4
KY_RS	04/24/2021	18	1.1362	1.7692	(0.6330)	0.0000	(0.6330)	4
KY_RS	04/24/2021	19	1.1361	1.1453	(0.0092)	0.0000	(0.0092)	4
KY_RS	04/24/2021	20	1.1222	0.2818	0.8405	0.8405	0.0000	4
KY_RS	04/24/2021	21	1.1229	0.0000	1.1229	1.1229	0.0000	4
KY_RS	04/24/2021	22	1.0945	0.0000	1.0945	1.0945	0.0000	4
KY_RS	04/24/2021	23	1.0193	0.0000	1.0193	1.0193	0.0000	4
KY_RS	04/24/2021	24	0.9265	0.0000	0.9265	0.9265	0.0000	4
KY_RS	04/25/2021	1	0.8451	0.0000	0.8451	0.8451	0.0000	4
KY_RS	04/25/2021	2	0.7871	0.0000	0.7871	0.7871	0.0000	4
KY_RS	04/25/2021	3	0.7495	0.0000	0.7495	0.7495	0.0000	4
KY_RS	04/25/2021	4	0.7444	0.0000	0.7444	0.7444	0.0000	4
KY_RS	04/25/2021	5	0.7571	0.0000	0.7571	0.7571	0.0000	4
KY_RS	04/25/2021	6	0.7865	0.0000	0.7865	0.7865	0.0000	4
KY_RS	04/25/2021	7	0.8245	0.0000	0.8245	0.8245	0.0000	4
KY_RS	04/25/2021	8	0.9028	0.1868	0.7160	0.7160	0.0000	4
KY_RS	04/25/2021	9	1.0031	1.0268	(0.0237)	0.0000	(0.0237)	4
KY_RS	04/25/2021	10	1.0811	2.5545	(1.4734)	0.0000	(1.4734)	4
KY_RS	04/25/2021	11	1.1285	3.5495	(2.4210)	0.0000	(2.4210)	4
KY_RS	04/25/2021	12	1.1536	4.2784	(3.1248)	0.0000	(3.1248)	4
KY_RS	04/25/2021	13	1.1160	4.6971	(3.5811)	0.0000	(3.5811)	4
KY_RS	04/25/2021	14	1.0474	4.8874	(3.8400)	0.0000	(3.8400)	4
KY_RS	04/25/2021	15	0.9983	4.7295	(3.7312)	0.0000	(3.7312)	4
KY_RS	04/25/2021	16	0.9667	2.3441	(1.3774)	0.0000	(1.3774)	4
KY_RS	04/25/2021	17	0.9736	2.7747	(1.8011)	0.0000	(1.8011)	4
KY_RS	04/25/2021	18	1.0159	2.0167	(1.0008)	0.0000	(1.0008)	4
KY_RS	04/25/2021	19	1.0480	1.4583	(0.4103)	0.0000	(0.4103)	4
KY_RS	04/25/2021	20	1.0764	0.3551	0.7213	0.7213	0.0000	4
KY_RS	04/25/2021	21	1.1374	0.0000	1.1374	1.1374	0.0000	4
KY_RS	04/25/2021	22	1.1266	0.0000	1.1266	1.1266	0.0000	4
KY_RS	04/25/2021	23	0.9946	0.0000	0.9946	0.9946	0.0000	4
KY_RS	04/25/2021	24	0.8491	0.0000	0.8491	0.8491	0.0000	4
KY_RS	04/26/2021	1	0.7548	0.0000	0.7548	0.7548	0.0000	4
KY_RS	04/26/2021	2	0.7127	0.0000	0.7127	0.7127	0.0000	4
KY_RS	04/26/2021	3	0.7025	0.0000	0.7025	0.7025	0.0000	4
KY_RS	04/26/2021	4	0.7174	0.0000	0.7174	0.7174	0.0000	4
KY_RS	04/26/2021	5	0.7581	0.0000	0.7581	0.7581	0.0000	4
KY_RS	04/26/2021	6	0.8427	0.0000	0.8427	0.8427	0.0000	4
KY_RS	04/26/2021	7	0.9910	0.0000	0.9910	0.9910	0.0000	4
KY_RS	04/26/2021	8	1.0556	0.1914	0.8643	0.8643	0.0000	4
KY_RS	04/26/2021	9	0.9673	0.1554	0.8118	0.8118	0.0000	4
KY_RS	04/26/2021	10	0.9000	0.7273	0.1727	0.1727	0.0000	4
KY_RS	04/26/2021	11	0.8562	1.3861	(0.5299)	0.0000	(0.5299)	4
KY_RS	04/26/2021	12	0.8301	4.0946	(3.2645)	0.0000	(3.2645)	4
KY_RS	04/26/2021	13	0.8163	5.0541	(4.2378)	0.0000	(4.2378)	4
KY_RS	04/26/2021	14	0.7931	5.2083	(4.4152)	0.0000	(4.4152)	4
KY_RS	04/26/2021	15	0.7844	5.0613	(4.2769)	0.0000	(4.2769)	4
KY_RS	04/26/2021	16	0.8130	4.6435	(3.8305)	0.0000	(3.8305)	4
KY_RS	04/26/2021	17	0.8866	3.9333	(3.0467)	0.0000	(3.0467)	4
KY_RS	04/26/2021	18	0.9823	2.9112	(1.9289)	0.0000	(1.9289)	4
KY_RS	04/26/2021	19	1.0408	1.5806	(0.5397)	0.0000	(0.5397)	4
KY_RS	04/26/2021	20	1.0632	0.3941	0.6691	0.6691	0.0000	4
KY_RS	04/26/2021	21	1.1062	0.0000	1.1062	1.1062	0.0000	4
KY_RS	04/26/2021	22	1.1001	0.0000	1.1001	1.1001	0.0000	4
KY_RS	04/26/2021	23	0.9648	0.0000	0.9648	0.9648	0.0000	4
KY_RS	04/26/2021	24	0.8042	0.0000	0.8042	0.8042	0.0000	4
KY_RS	04/27/2021	1	0.6810	0.0000	0.6810	0.6810	0.0000	4
KY_RS	04/27/2021	2	0.6091	0.0000	0.6091	0.6091	0.0000	4
KY_RS	04/27/2021	3	0.5690	0.0000	0.5690	0.5690	0.0000	4
KY_RS	04/27/2021	4	0.5516	0.0000	0.5516	0.5516	0.0000	4
KY_RS	04/27/2021	5	0.5611	0.0000	0.5611	0.5611	0.0000	4
KY_RS	04/27/2021	6	0.6132	0.0000	0.6132	0.6132	0.0000	4

KY_RS	04/27/2021	7	0.7314	0.0000	0.7314	0.7314	0.0000			4
KY_RS	04/27/2021	8	0.7892	0.2536	0.5356	0.5356	0.0000			4
KY_RS	04/27/2021	9	0.7708	1.3742	(0.6034)	0.0000	(0.6034)			4
KY_RS	04/27/2021	10	0.7681	2.0179	(1.2498)	0.0000	(1.2498)			4
KY_RS	04/27/2021	11	0.7816	3.1322	(2.3506)	0.0000	(2.3506)			4
KY_RS	04/27/2021	12	0.8061	3.9153	(3.1092)	0.0000	(3.1092)			4
KY_RS	04/27/2021	13	0.8383	4.0019	(3.1635)	0.0000	(3.1635)			4
KY_RS	04/27/2021	14	0.8619	3.8408	(2.9789)	0.0000	(2.9789)			4
KY_RS	04/27/2021	15	0.8967	3.3428	(2.4461)	0.0000	(2.4461)			4
KY_RS	04/27/2021	16	0.9740	3.0128	(2.0388)	0.0000	(2.0388)			4
KY_RS	04/27/2021	17	1.0881	1.4140	(0.3260)	0.0000	(0.3260)			4
KY_RS	04/27/2021	18	1.1977	1.0486	0.1491	0.1491	0.0000			4
KY_RS	04/27/2021	19	1.2371	0.7631	0.4741	0.4741	0.0000			4
KY_RS	04/27/2021	20	1.2415	0.0673	1.1742	1.1742	0.0000			4
KY_RS	04/27/2021	21	1.2732	0.0000	1.2732	1.2732	0.0000			4
KY_RS	04/27/2021	22	1.2660	0.0000	1.2660	1.2660	0.0000			4
KY_RS	04/27/2021	23	1.1264	0.0000	1.1264	1.1264	0.0000			4
KY_RS	04/27/2021	24	0.9577	0.0000	0.9577	0.9577	0.0000			4
KY_RS	04/28/2021	1	0.8172	0.0000	0.8172	0.8172	0.0000			4
KY_RS	04/28/2021	2	0.7234	0.0000	0.7234	0.7234	0.0000			4
KY_RS	04/28/2021	3	0.6658	0.0000	0.6658	0.6658	0.0000			4
KY_RS	04/28/2021	4	0.6340	0.0000	0.6340	0.6340	0.0000			4
KY_RS	04/28/2021	5	0.6291	0.0000	0.6291	0.6291	0.0000			4
KY_RS	04/28/2021	6	0.6614	0.0000	0.6614	0.6614	0.0000			4
KY_RS	04/28/2021	7	0.7565	0.0000	0.7565	0.7565	0.0000			4
KY_RS	04/28/2021	8	0.8214	0.0850	0.7364	0.7364	0.0000			4
KY_RS	04/28/2021	9	0.8094	0.3561	0.4533	0.4533	0.0000			4
KY_RS	04/28/2021	10	0.8172	1.0269	(0.2097)	0.0000	(0.2097)			4
KY_RS	04/28/2021	11	0.8568	2.6242	(1.7674)	0.0000	(1.7674)			4
KY_RS	04/28/2021	12	0.9211	3.4290	(2.5079)	0.0000	(2.5079)			4
KY_RS	04/28/2021	13	0.9913	0.9913	(2.2655)	0.0000	(2.2655)			4
KY_RS	04/28/2021	14	1.0316	4.5160	(3.4844)	0.0000	(3.4844)			4
KY_RS	04/28/2021	15	1.0992	4.0462	(2.9470)	0.0000	(2.9470)			4
KY_RS	04/28/2021	16	1.2126	0.6035	0.6091	0.6091	0.0000	1.2126	0.6091	4
KY_RS	04/28/2021	17	1.2985	2.2140	(0.9154)	0.0000	(0.9154)			4
KY_RS	04/28/2021	18	1.3855	0.5151	0.8704	0.8704	0.0000			4
KY_RS	04/28/2021	19	1.3835	0.1100	1.2735	1.2735	0.0000			4
KY_RS	04/28/2021	20	1.3412	0.0226	1.3186	1.3186	0.0000			4
KY_RS	04/28/2021	21	1.3240	0.0000	1.3240	1.3240	0.0000			4
KY_RS	04/28/2021	22	1.2761	0.0000	1.2761	1.2761	0.0000			4
KY_RS	04/28/2021	23	1.1423	0.0000	1.1423	1.1423	0.0000			4
KY_RS	04/28/2021	24	0.9781	0.0000	0.9781	0.9781	0.0000			4
KY_RS	04/29/2021	1	0.8433	0.0000	0.8433	0.8433	0.0000			4
KY_RS	04/29/2021	2	0.7533	0.0000	0.7533	0.7533	0.0000			4
KY_RS	04/29/2021	3	0.6980	0.0000	0.6980	0.6980	0.0000			4
KY_RS	04/29/2021	4	0.6644	0.0000	0.6644	0.6644	0.0000			4
KY_RS	04/29/2021	5	0.6570	0.0000	0.6570	0.6570	0.0000			4
KY_RS	04/29/2021	6	0.6932	0.0000	0.6932	0.6932	0.0000			4
KY_RS	04/29/2021	7	0.7880	0.0000	0.7880	0.7880	0.0000			4
KY_RS	04/29/2021	8	0.8549	0.3116	0.5433	0.5433	0.0000			4
KY_RS	04/29/2021	9	0.8517	0.0952	0.7565	0.7565	0.0000			4
KY_RS	04/29/2021	10	0.8590	0.3325	0.5266	0.5266	0.0000			4
KY_RS	04/29/2021	11	0.8780	0.5222	0.3558	0.3558	0.0000			4
KY_RS	04/29/2021	12	0.9056	1.7253	(0.8197)	0.0000	(0.8197)			4
KY_RS	04/29/2021	13	0.9373	1.6400	(0.7027)	0.0000	(0.7027)			4
KY_RS	04/29/2021	14	0.9368	4.3414	(3.4046)	0.0000	(3.4046)			4
KY_RS	04/29/2021	15	0.9147	1.6799	(0.7652)	0.0000	(0.7652)			4
KY_RS	04/29/2021	16	0.9435	1.2157	(0.2721)	0.0000	(0.2721)			4
KY_RS	04/29/2021	17	1.0120	2.7741	(1.7621)	0.0000	(1.7621)			4
KY_RS	04/29/2021	18	1.1022	2.2534	(1.1512)	0.0000	(1.1512)			4
KY_RS	04/29/2021	19	1.1270	1.0187	0.1084	0.1084	0.0000			4
KY_RS	04/29/2021	20	1.1217	0.3283	0.7934	0.7934	0.0000			4
KY_RS	04/29/2021	21	1.1171	0.0000	1.1171	1.1171	0.0000			4
KY_RS	04/29/2021	22	1.0830	0.0000	1.0830	1.0830	0.0000			4
KY_RS	04/29/2021	23	0.9592	0.0000	0.9592	0.9592	0.0000			4
KY_RS	04/29/2021	24	0.8080	0.0000	0.8080	0.8080	0.0000			4
KY_RS	04/30/2021	1	0.6896	0.0000	0.6896	0.6896	0.0000			4
KY_RS	04/30/2021	2	0.6164	0.0000	0.6164	0.6164	0.0000			4
KY_RS	04/30/2021	3	0.5793	0.0000	0.5793	0.5793	0.0000			4
KY_RS	04/30/2021	4	0.5647	0.0000	0.5647	0.5647	0.0000			4
KY_RS	04/30/2021	5	0.5728	0.0000	0.5728	0.5728	0.0000			4
KY_RS	04/30/2021	6	0.6204	0.0000	0.6204	0.6204	0.0000			4
KY_RS	04/30/2021	7	0.7312	0.0000	0.7312	0.7312	0.0000			4
KY_RS	04/30/2021	8	0.8016	0.3048	0.4967	0.4967	0.0000			4
KY_RS	04/30/2021	9	0.7951	1.4116	(0.6165)	0.0000	(0.6165)			4
KY_RS	04/30/2021	10	0.7968	2.7528	(1.9561)	0.0000	(1.9561)			4
KY_RS	04/30/2021	11	0.8001	3.7831	(2.9830)	0.0000	(2.9830)			4
KY_RS	04/30/2021	12	0.8061	4.5217	(3.7155)	0.0000	(3.7155)			4
KY_RS	04/30/2021	13	0.8060	4.9444	(4.1384)	0.0000	(4.1384)			4

KY_RS	04/30/2021	14	0.8107	5.0816	(4.2709)	0.0000	(4.2709)	4
KY_RS	04/30/2021	15	0.8205	4.8923	(4.0718)	0.0000	(4.0718)	4
KY_RS	04/30/2021	16	0.8455	1.9652	(1.1197)	0.0000	(1.1197)	4
KY_RS	04/30/2021	17	0.9036	1.9970	(1.0935)	0.0000	(1.0935)	4
KY_RS	04/30/2021	18	0.9595	1.8615	(0.9020)	0.0000	(0.9020)	4
KY_RS	04/30/2021	19	0.9680	1.5441	(0.5761)	0.0000	(0.5761)	4
KY_RS	04/30/2021	20	0.9494	0.3103	0.6391	0.6391	0.0000	4
KY_RS	04/30/2021	21	0.9466	0.0000	0.9466	0.9466	0.0000	4
KY_RS	04/30/2021	22	0.9527	0.0000	0.9527	0.9527	0.0000	4
KY_RS	04/30/2021	23	0.8955	0.0000	0.8955	0.8955	0.0000	4
KY_RS	04/30/2021	24	0.8065	0.0000	0.8065	0.8065	0.0000	4
KY_RS	05/01/2021	1	0.7192	0.0000	0.7192	0.7192	0.0000	5
KY_RS	05/01/2021	2	0.6655	0.0000	0.6655	0.6655	0.0000	5
KY_RS	05/01/2021	3	0.6394	0.0000	0.6394	0.6394	0.0000	5
KY_RS	05/01/2021	4	0.6375	0.0000	0.6375	0.6375	0.0000	5
KY_RS	05/01/2021	5	0.6515	0.0000	0.6515	0.6515	0.0000	5
KY_RS	05/01/2021	6	0.6837	0.0000	0.6837	0.6837	0.0000	5
KY_RS	05/01/2021	7	0.7577	0.0000	0.7577	0.7577	0.0000	5
KY_RS	05/01/2021	8	0.8751	0.0454	0.8297	0.8297	0.0000	5
KY_RS	05/01/2021	9	0.9475	0.2102	0.7374	0.7374	0.0000	5
KY_RS	05/01/2021	10	0.9725	1.0108	(0.0383)	0.0000	(0.0383)	5
KY_RS	05/01/2021	11	0.9648	3.0928	(2.1281)	0.0000	(2.1281)	5
KY_RS	05/01/2021	12	0.9467	3.8333	(2.8866)	0.0000	(2.8866)	5
KY_RS	05/01/2021	13	0.9162	5.2010	(4.2849)	0.0000	(4.2849)	5
KY_RS	05/01/2021	14	0.8914	5.3422	(4.4509)	0.0000	(4.4509)	5
KY_RS	05/01/2021	15	0.8732	3.9104	(3.0372)	0.0000	(3.0372)	5
KY_RS	05/01/2021	16	0.8773	2.6244	(1.7471)	0.0000	(1.7471)	5
KY_RS	05/01/2021	17	0.8941	4.0425	(3.1484)	0.0000	(3.1484)	5
KY_RS	05/01/2021	18	0.9239	2.0744	(1.1505)	0.0000	(1.1505)	5
KY_RS	05/01/2021	19	0.9325	0.5806	0.3519	0.3519	0.0000	5
KY_RS	05/01/2021	20	0.9318	0.2034	0.7283	0.7283	0.0000	5
KY_RS	05/01/2021	21	0.9448	0.0000	0.9448	0.9448	0.0000	5
KY_RS	05/01/2021	22	0.9565	0.0000	0.9565	0.9565	0.0000	5
KY_RS	05/01/2021	23	0.8964	0.0000	0.8964	0.8964	0.0000	5
KY_RS	05/01/2021	24	0.7992	0.0000	0.7992	0.7992	0.0000	5
KY_RS	05/02/2021	1	0.7066	0.0000	0.7066	0.7066	0.0000	5
KY_RS	05/02/2021	2	0.6348	0.0000	0.6348	0.6348	0.0000	5
KY_RS	05/02/2021	3	0.5872	0.0000	0.5872	0.5872	0.0000	5
KY_RS	05/02/2021	4	0.5606	0.0000	0.5606	0.5606	0.0000	5
KY_RS	05/02/2021	5	0.5505	0.0000	0.5505	0.5505	0.0000	5
KY_RS	05/02/2021	6	0.5581	0.0000	0.5581	0.5581	0.0000	5
KY_RS	05/02/2021	7	0.5867	0.0000	0.5867	0.5867	0.0000	5
KY_RS	05/02/2021	8	0.6580	0.2694	0.3885	0.3885	0.0000	5
KY_RS	05/02/2021	9	0.7601	1.5268	(0.7667)	0.0000	(0.7667)	5
KY_RS	05/02/2021	10	0.8571	2.9766	(2.1196)	0.0000	(2.1196)	5
KY_RS	05/02/2021	11	0.9339	4.0347	(3.1008)	0.0000	(3.1008)	5
KY_RS	05/02/2021	12	0.9910	3.5402	(2.5493)	0.0000	(2.5493)	5
KY_RS	05/02/2021	13	1.0454	3.8828	(2.8375)	0.0000	(2.8375)	5
KY_RS	05/02/2021	14	1.0726	3.5902	(2.5176)	0.0000	(2.5176)	5
KY_RS	05/02/2021	15	1.0984	4.2686	(3.1702)	0.0000	(3.1702)	5
KY_RS	05/02/2021	16	1.1130	3.7685	(2.6555)	0.0000	(2.6555)	5
KY_RS	05/02/2021	17	1.1451	4.0566	(2.9115)	0.0000	(2.9115)	5
KY_RS	05/02/2021	18	1.1944	1.7122	(0.5177)	0.0000	(0.5177)	5
KY_RS	05/02/2021	19	1.2261	1.6907	(0.4645)	0.0000	(0.4645)	5
KY_RS	05/02/2021	20	1.2325	0.4149	0.8176	0.8176	0.0000	5
KY_RS	05/02/2021	21	1.2268	0.0000	1.2268	1.2268	0.0000	5
KY_RS	05/02/2021	22	1.1641	0.0000	1.1641	1.1641	0.0000	5
KY_RS	05/02/2021	23	1.0124	0.0000	1.0124	1.0124	0.0000	5
KY_RS	05/02/2021	24	0.8367	0.0000	0.8367	0.8367	0.0000	5
KY_RS	05/03/2021	1	0.7086	0.0000	0.7086	0.7086	0.0000	5
KY_RS	05/03/2021	2	0.6323	0.0000	0.6323	0.6323	0.0000	5
KY_RS	05/03/2021	3	0.5863	0.0000	0.5863	0.5863	0.0000	5
KY_RS	05/03/2021	4	0.5664	0.0000	0.5664	0.5664	0.0000	5
KY_RS	05/03/2021	5	0.5692	0.0000	0.5692	0.5692	0.0000	5
KY_RS	05/03/2021	6	0.6131	0.0000	0.6131	0.6131	0.0000	5
KY_RS	05/03/2021	7	0.7192	0.0000	0.7192	0.7192	0.0000	5
KY_RS	05/03/2021	8	0.7836	0.2684	0.5152	0.5152	0.0000	5
KY_RS	05/03/2021	9	0.7809	1.5401	(0.7592)	0.0000	(0.7592)	5
KY_RS	05/03/2021	10	0.7925	2.9770	(2.1845)	0.0000	(2.1845)	5
KY_RS	05/03/2021	11	0.8177	4.0084	(3.1907)	0.0000	(3.1907)	5
KY_RS	05/03/2021	12	0.8495	3.5074	(2.6580)	0.0000	(2.6580)	5
KY_RS	05/03/2021	13	0.8936	3.8742	(2.9805)	0.0000	(2.9805)	5
KY_RS	05/03/2021	14	0.9122	4.5629	(3.6506)	0.0000	(3.6506)	5
KY_RS	05/03/2021	15	0.9519	2.9451	(1.9933)	0.0000	(1.9933)	5
KY_RS	05/03/2021	16	1.0080	2.8822	(1.8742)	0.0000	(1.8742)	5
KY_RS	05/03/2021	17	1.1213	1.0963	0.0250	0.0250	0.0000	5
KY_RS	05/03/2021	18	1.2273	0.7124	0.5149	0.5149	0.0000	5
KY_RS	05/03/2021	19	1.2858	0.7186	0.5672	0.5672	0.0000	5
KY_RS	05/03/2021	20	1.2866	0.2586	1.0281	1.0281	0.0000	5

KY_RS	05/03/2021	21	1.2868	0.0000	1.2868	1.2868	0.0000	5
KY_RS	05/03/2021	22	1.2601	0.0000	1.2601	1.2601	0.0000	5
KY_RS	05/03/2021	23	1.1197	0.0000	1.1197	1.1197	0.0000	5
KY_RS	05/03/2021	24	0.9348	0.0000	0.9348	0.9348	0.0000	5
KY_RS	05/04/2021	1	0.7873	0.0000	0.7873	0.7873	0.0000	5
KY_RS	05/04/2021	2	0.6939	0.0000	0.6939	0.6939	0.0000	5
KY_RS	05/04/2021	3	0.6427	0.0000	0.6427	0.6427	0.0000	5
KY_RS	05/04/2021	4	0.6102	0.0000	0.6102	0.6102	0.0000	5
KY_RS	05/04/2021	5	0.6053	0.0000	0.6053	0.6053	0.0000	5
KY_RS	05/04/2021	6	0.6465	0.0000	0.6465	0.6465	0.0000	5
KY_RS	05/04/2021	7	0.7489	0.0000	0.7489	0.7489	0.0000	5
KY_RS	05/04/2021	8	0.8118	0.0585	0.7533	0.7533	0.0000	5
KY_RS	05/04/2021	9	0.8094	0.2298	0.5796	0.5796	0.0000	5
KY_RS	05/04/2021	10	0.8283	0.3730	0.4553	0.4553	0.0000	5
KY_RS	05/04/2021	11	0.8449	0.6600	0.1848	0.1848	0.0000	5
KY_RS	05/04/2021	12	0.8692	0.6095	0.2597	0.2597	0.0000	5
KY_RS	05/04/2021	13	0.9052	1.0160	(0.1108)	0.0000	(0.1108)	5
KY_RS	05/04/2021	14	0.9095	0.9857	(0.0762)	0.0000	(0.0762)	5
KY_RS	05/04/2021	15	0.9257	0.8989	0.0268	0.0268	0.0000	5
KY_RS	05/04/2021	16	0.9908	0.6551	0.3357	0.3357	0.0000	5
KY_RS	05/04/2021	17	1.1001	0.5555	0.5446	0.5446	0.0000	5
KY_RS	05/04/2021	18	1.1812	0.4740	0.7071	0.7071	0.0000	5
KY_RS	05/04/2021	19	1.2136	0.2895	0.9242	0.9242	0.0000	5
KY_RS	05/04/2021	20	1.1987	0.0991	1.0996	1.0996	0.0000	5
KY_RS	05/04/2021	21	1.1785	0.0000	1.1785	1.1785	0.0000	5
KY_RS	05/04/2021	22	1.1170	0.0000	1.1170	1.1170	0.0000	5
KY_RS	05/04/2021	23	0.9751	0.0000	0.9751	0.9751	0.0000	5
KY_RS	05/04/2021	24	0.8169	0.0000	0.8169	0.8169	0.0000	5
KY_RS	05/05/2021	1	0.6983	0.0000	0.6983	0.6983	0.0000	5
KY_RS	05/05/2021	2	0.6257	0.0000	0.6257	0.6257	0.0000	5
KY_RS	05/05/2021	3	0.5818	0.0000	0.5818	0.5818	0.0000	5
KY_RS	05/05/2021	4	0.5639	0.0000	0.5639	0.5639	0.0000	5
KY_RS	05/05/2021	5	0.5685	0.0000	0.5685	0.5685	0.0000	5
KY_RS	05/05/2021	6	0.6177	0.0000	0.6177	0.6177	0.0000	5
KY_RS	05/05/2021	7	0.7257	0.0000	0.7257	0.7257	0.0000	5
KY_RS	05/05/2021	8	0.7946	0.2925	0.5021	0.5021	0.0000	5
KY_RS	05/05/2021	9	0.7940	1.0299	(0.2359)	0.0000	(0.2359)	5
KY_RS	05/05/2021	10	0.8008	0.0868	0.7140	0.7140	0.0000	5
KY_RS	05/05/2021	11	0.8159	0.0536	0.7624	0.7624	0.0000	5
KY_RS	05/05/2021	12	0.8131	0.7980	0.0151	0.0151	0.0000	5
KY_RS	05/05/2021	13	0.8129	0.9389	(0.1261)	0.0000	(0.1261)	5
KY_RS	05/05/2021	14	0.7952	0.9395	(0.1443)	0.0000	(0.1443)	5
KY_RS	05/05/2021	15	0.7901	0.6456	0.1445	0.1445	0.0000	5
KY_RS	05/05/2021	16	0.8108	1.1705	(0.3597)	0.0000	(0.3597)	5
KY_RS	05/05/2021	17	0.8678	1.3386	(0.4707)	0.0000	(0.4707)	5
KY_RS	05/05/2021	18	0.9516	0.4089	0.5427	0.5427	0.0000	5
KY_RS	05/05/2021	19	0.9926	0.7823	0.2103	0.2103	0.0000	5
KY_RS	05/05/2021	20	1.0085	0.3003	0.7082	0.7082	0.0000	5
KY_RS	05/05/2021	21	1.0309	0.0000	1.0309	1.0309	0.0000	5
KY_RS	05/05/2021	22	1.0372	0.0000	1.0372	1.0372	0.0000	5
KY_RS	05/05/2021	23	0.9339	0.0000	0.9339	0.9339	0.0000	5
KY_RS	05/05/2021	24	0.7966	0.0000	0.7966	0.7966	0.0000	5
KY_RS	05/06/2021	1	0.6953	0.0000	0.6953	0.6953	0.0000	5
KY_RS	05/06/2021	2	0.6443	0.0000	0.6443	0.6443	0.0000	5
KY_RS	05/06/2021	3	0.6222	0.0000	0.6222	0.6222	0.0000	5
KY_RS	05/06/2021	4	0.6235	0.0000	0.6235	0.6235	0.0000	5
KY_RS	05/06/2021	5	0.6492	0.0000	0.6492	0.6492	0.0000	5
KY_RS	05/06/2021	6	0.7241	0.0000	0.7241	0.7241	0.0000	5
KY_RS	05/06/2021	7	0.8682	0.0000	0.8682	0.8682	0.0000	5
KY_RS	05/06/2021	8	0.9380	0.3089	0.6290	0.6290	0.0000	5
KY_RS	05/06/2021	9	0.8915	1.0788	(0.1873)	0.0000	(0.1873)	5
KY_RS	05/06/2021	10	0.8491	1.8032	(0.9541)	0.0000	(0.9541)	5
KY_RS	05/06/2021	11	0.8184	3.2744	(2.4559)	0.0000	(2.4559)	5
KY_RS	05/06/2021	12	0.7980	4.6907	(3.8927)	0.0000	(3.8927)	5
KY_RS	05/06/2021	13	0.7867	3.6219	(2.8352)	0.0000	(2.8352)	5
KY_RS	05/06/2021	14	0.7707	3.4276	(2.6569)	0.0000	(2.6569)	5
KY_RS	05/06/2021	15	0.7570	4.0436	(3.2865)	0.0000	(3.2865)	5
KY_RS	05/06/2021	16	0.7869	3.6467	(2.8598)	0.0000	(2.8598)	5
KY_RS	05/06/2021	17	0.8500	2.2565	(1.4065)	0.0000	(1.4065)	5
KY_RS	05/06/2021	18	0.9316	0.4878	0.4438	0.4438	0.0000	5
KY_RS	05/06/2021	19	0.9714	1.7142	(0.7428)	0.0000	(0.7428)	5
KY_RS	05/06/2021	20	1.0170	0.4388	0.5782	0.5782	0.0000	5
KY_RS	05/06/2021	21	1.0587	0.0000	1.0587	1.0587	0.0000	5
KY_RS	05/06/2021	22	1.0231	0.0000	1.0231	1.0231	0.0000	5
KY_RS	05/06/2021	23	0.9152	0.0000	0.9152	0.9152	0.0000	5
KY_RS	05/06/2021	24	0.7826	0.0000	0.7826	0.7826	0.0000	5
KY_RS	05/07/2021	1	0.6912	0.0000	0.6912	0.6912	0.0000	5
KY_RS	05/07/2021	2	0.6411	0.0000	0.6411	0.6411	0.0000	5
KY_RS	05/07/2021	3	0.6167	0.0000	0.6167	0.6167	0.0000	5

KY_RS	05/07/2021	4	0.6141	0.0000	0.6141	0.6141	0.0000	5
KY_RS	05/07/2021	5	0.6372	0.0000	0.6372	0.6372	0.0000	5
KY_RS	05/07/2021	6	0.7029	0.0000	0.7029	0.7029	0.0000	5
KY_RS	05/07/2021	7	0.8362	0.0000	0.8362	0.8362	0.0000	5
KY_RS	05/07/2021	8	0.9091	0.3074	0.6017	0.6017	0.0000	5
KY_RS	05/07/2021	9	0.8864	1.6404	(0.7540)	0.0000	(0.7540)	5
KY_RS	05/07/2021	10	0.8645	3.0890	(2.2245)	0.0000	(2.2245)	5
KY_RS	05/07/2021	11	0.8370	4.1336	(3.2966)	0.0000	(3.2966)	5
KY_RS	05/07/2021	12	0.8200	4.8840	(4.0640)	0.0000	(4.0640)	5
KY_RS	05/07/2021	13	0.8090	5.3321	(4.5231)	0.0000	(4.5231)	5
KY_RS	05/07/2021	14	0.7913	5.4556	(4.6644)	0.0000	(4.6644)	5
KY_RS	05/07/2021	15	0.7808	5.3045	(4.5237)	0.0000	(4.5237)	5
KY_RS	05/07/2021	16	0.8011	4.8882	(4.0872)	0.0000	(4.0872)	5
KY_RS	05/07/2021	17	0.8509	4.1893	(3.3384)	0.0000	(3.3384)	5
KY_RS	05/07/2021	18	0.8923	3.1829	(2.2906)	0.0000	(2.2906)	5
KY_RS	05/07/2021	19	0.9333	1.8093	(0.8760)	0.0000	(0.8760)	5
KY_RS	05/07/2021	20	0.9658	0.4397	0.5262	0.5262	0.0000	5
KY_RS	05/07/2021	21	0.9756	0.0000	0.9756	0.9756	0.0000	5
KY_RS	05/07/2021	22	0.9650	0.0000	0.9650	0.9650	0.0000	5
KY_RS	05/07/2021	23	0.9078	0.0000	0.9078	0.9078	0.0000	5
KY_RS	05/07/2021	24	0.8262	0.0000	0.8262	0.8262	0.0000	5
KY_RS	05/08/2021	1	0.7434	0.0000	0.7434	0.7434	0.0000	5
KY_RS	05/08/2021	2	0.6950	0.0000	0.6950	0.6950	0.0000	5
KY_RS	05/08/2021	3	0.6773	0.0000	0.6773	0.6773	0.0000	5
KY_RS	05/08/2021	4	0.6804	0.0000	0.6804	0.6804	0.0000	5
KY_RS	05/08/2021	5	0.6967	0.0000	0.6967	0.6967	0.0000	5
KY_RS	05/08/2021	6	0.7383	0.0000	0.7383	0.7383	0.0000	5
KY_RS	05/08/2021	7	0.8153	0.0000	0.8153	0.8153	0.0000	5
KY_RS	05/08/2021	8	0.9161	0.3186	0.5975	0.5975	0.0000	5
KY_RS	05/08/2021	9	0.9833	1.7046	(0.7213)	0.0000	(0.7213)	5
KY_RS	05/08/2021	10	1.0104	3.1470	(2.1366)	0.0000	(2.1366)	5
KY_RS	05/08/2021	11	1.0091	4.1745	(3.1654)	0.0000	(3.1654)	5
KY_RS	05/08/2021	12	0.9903	4.8778	(3.8875)	0.0000	(3.8875)	5
KY_RS	05/08/2021	13	0.9558	5.2607	(4.3049)	0.0000	(4.3049)	5
KY_RS	05/08/2021	14	0.9158	5.3512	(4.4354)	0.0000	(4.4354)	5
KY_RS	05/08/2021	15	0.8851	5.1705	(4.2854)	0.0000	(4.2854)	5
KY_RS	05/08/2021	16	0.8690	4.7276	(3.8587)	0.0000	(3.8587)	5
KY_RS	05/08/2021	17	0.8739	4.0110	(3.1372)	0.0000	(3.1372)	5
KY_RS	05/08/2021	18	0.8979	2.9853	(2.0874)	0.0000	(2.0874)	5
KY_RS	05/08/2021	19	0.9086	0.9509	(0.0423)	0.0000	(0.0423)	5
KY_RS	05/08/2021	20	0.9159	0.3556	0.5602	0.5602	0.0000	5
KY_RS	05/08/2021	21	0.9563	0.0000	0.9563	0.9563	0.0000	5
KY_RS	05/08/2021	22	0.9596	0.0000	0.9596	0.9596	0.0000	5
KY_RS	05/08/2021	23	0.9025	0.0000	0.9025	0.9025	0.0000	5
KY_RS	05/08/2021	24	0.8114	0.0000	0.8114	0.8114	0.0000	5
KY_RS	05/09/2021	1	0.7231	0.0000	0.7231	0.7231	0.0000	5
KY_RS	05/09/2021	2	0.6643	0.0000	0.6643	0.6643	0.0000	5
KY_RS	05/09/2021	3	0.6358	0.0000	0.6358	0.6358	0.0000	5
KY_RS	05/09/2021	4	0.6229	0.0000	0.6229	0.6229	0.0000	5
KY_RS	05/09/2021	5	0.6278	0.0000	0.6278	0.6278	0.0000	5
KY_RS	05/09/2021	6	0.6504	0.0000	0.6504	0.6504	0.0000	5
KY_RS	05/09/2021	7	0.6951	0.0000	0.6951	0.6951	0.0000	5
KY_RS	05/09/2021	8	0.7829	0.0377	0.7452	0.7452	0.0000	5
KY_RS	05/09/2021	9	0.9010	0.1591	0.7418	0.7418	0.0000	5
KY_RS	05/09/2021	10	1.0083	0.3772	0.6311	0.6311	0.0000	5
KY_RS	05/09/2021	11	1.0864	0.4865	0.5999	0.5999	0.0000	5
KY_RS	05/09/2021	12	1.1244	0.9605	0.1638	0.1638	0.0000	5
KY_RS	05/09/2021	13	1.1248	1.5449	(0.4201)	0.0000	(0.4201)	5
KY_RS	05/09/2021	14	1.0669	0.7856	0.2814	0.2814	0.0000	5
KY_RS	05/09/2021	15	1.0337	0.9069	0.1267	0.1267	0.0000	5
KY_RS	05/09/2021	16	1.0180	0.7849	0.2331	0.2331	0.0000	5
KY_RS	05/09/2021	17	1.0358	1.3908	(0.3550)	0.0000	(0.3550)	5
KY_RS	05/09/2021	18	1.0771	0.2744	0.8027	0.8027	0.0000	5
KY_RS	05/09/2021	19	1.0954	0.0735	1.0219	1.0219	0.0000	5
KY_RS	05/09/2021	20	1.1417	0.4672	0.6745	0.6745	0.0000	5
KY_RS	05/09/2021	21	1.1843	0.0000	1.1843	1.1843	0.0000	5
KY_RS	05/09/2021	22	1.1649	0.0000	1.1649	1.1649	0.0000	5
KY_RS	05/09/2021	23	1.0465	0.0000	1.0465	1.0465	0.0000	5
KY_RS	05/09/2021	24	0.9152	0.0000	0.9152	0.9152	0.0000	5
KY_RS	05/10/2021	1	0.8240	0.0000	0.8240	0.8240	0.0000	5
KY_RS	05/10/2021	2	0.7686	0.0000	0.7686	0.7686	0.0000	5
KY_RS	05/10/2021	3	0.7483	0.0000	0.7483	0.7483	0.0000	5
KY_RS	05/10/2021	4	0.7528	0.0000	0.7528	0.7528	0.0000	5
KY_RS	05/10/2021	5	0.7908	0.0000	0.7908	0.7908	0.0000	5
KY_RS	05/10/2021	6	0.8778	0.0000	0.8778	0.8778	0.0000	5
KY_RS	05/10/2021	7	1.0213	0.0000	1.0213	1.0213	0.0000	5
KY_RS	05/10/2021	8	1.0761	0.3783	0.6978	0.6978	0.0000	5
KY_RS	05/10/2021	9	1.0187	0.6132	0.4055	0.4055	0.0000	5
KY_RS	05/10/2021	10	0.9679	0.6557	0.3122	0.3122	0.0000	5

KY_RS	05/10/2021	11	0.9241	3.4084	(2.4843)	0.0000	(2.4843)	5
KY_RS	05/10/2021	12	0.8941	4.0977	(3.2036)	0.0000	(3.2036)	5
KY_RS	05/10/2021	13	0.8779	4.4973	(3.6195)	0.0000	(3.6195)	5
KY_RS	05/10/2021	14	0.8420	4.6945	(3.8525)	0.0000	(3.8525)	5
KY_RS	05/10/2021	15	0.8181	4.6050	(3.7869)	0.0000	(3.7869)	5
KY_RS	05/10/2021	16	0.8303	4.2300	(3.3997)	0.0000	(3.3997)	5
KY_RS	05/10/2021	17	0.8855	2.3706	(1.4851)	0.0000	(1.4851)	5
KY_RS	05/10/2021	18	0.9705	1.4346	(0.4641)	0.0000	(0.4641)	5
KY_RS	05/10/2021	19	1.0191	1.4941	(0.4750)	0.0000	(0.4750)	5
KY_RS	05/10/2021	20	1.0508	0.4727	0.5781	0.5781	0.0000	5
KY_RS	05/10/2021	21	1.0858	0.0000	1.0858	1.0858	0.0000	5
KY_RS	05/10/2021	22	1.0659	0.0000	1.0659	1.0659	0.0000	5
KY_RS	05/10/2021	23	0.9425	0.0000	0.9425	0.9425	0.0000	5
KY_RS	05/10/2021	24	0.8013	0.0000	0.8013	0.8013	0.0000	5
KY_RS	05/11/2021	1	0.7045	0.0000	0.7045	0.7045	0.0000	5
KY_RS	05/11/2021	2	0.6585	0.0000	0.6585	0.6585	0.0000	5
KY_RS	05/11/2021	3	0.6449	0.0000	0.6449	0.6449	0.0000	5
KY_RS	05/11/2021	4	0.6498	0.0000	0.6498	0.6498	0.0000	5
KY_RS	05/11/2021	5	0.6765	0.0000	0.6765	0.6765	0.0000	5
KY_RS	05/11/2021	6	0.7545	0.0000	0.7545	0.7545	0.0000	5
KY_RS	05/11/2021	7	0.8978	0.0000	0.8978	0.8978	0.0000	5
KY_RS	05/11/2021	8	0.9470	0.1639	0.7831	0.7831	0.0000	5
KY_RS	05/11/2021	9	0.8855	0.5045	0.3809	0.3809	0.0000	5
KY_RS	05/11/2021	10	0.8479	1.6378	(0.7899)	0.0000	(0.7899)	5
KY_RS	05/11/2021	11	0.8244	2.4801	(1.6557)	0.0000	(1.6557)	5
KY_RS	05/11/2021	12	0.8265	1.6941	(0.8676)	0.0000	(0.8676)	5
KY_RS	05/11/2021	13	0.8212	0.9005	(0.0793)	0.0000	(0.0793)	5
KY_RS	05/11/2021	14	0.7961	2.1025	(1.3064)	0.0000	(1.3064)	5
KY_RS	05/11/2021	15	0.7826	1.2642	(0.4816)	0.0000	(0.4816)	5
KY_RS	05/11/2021	16	0.7991	2.4996	(1.7005)	0.0000	(1.7005)	5
KY_RS	05/11/2021	17	0.8633	1.6950	(0.8318)	0.0000	(0.8318)	5
KY_RS	05/11/2021	18	0.9449	0.3775	0.5674	0.5674	0.0000	5
KY_RS	05/11/2021	19	0.9884	0.0053	0.9831	0.9831	0.0000	5
KY_RS	05/11/2021	20	1.0279	0.0000	1.0279	1.0279	0.0000	5
KY_RS	05/11/2021	21	1.0702	0.0000	1.0702	1.0702	0.0000	5
KY_RS	05/11/2021	22	1.0628	0.0000	1.0628	1.0628	0.0000	5
KY_RS	05/11/2021	23	0.9563	0.0000	0.9563	0.9563	0.0000	5
KY_RS	05/11/2021	24	0.8203	0.0000	0.8203	0.8203	0.0000	5
KY_RS	05/12/2021	1	0.7291	0.0000	0.7291	0.7291	0.0000	5
KY_RS	05/12/2021	2	0.6856	0.0000	0.6856	0.6856	0.0000	5
KY_RS	05/12/2021	3	0.6659	0.0000	0.6659	0.6659	0.0000	5
KY_RS	05/12/2021	4	0.6678	0.0000	0.6678	0.6678	0.0000	5
KY_RS	05/12/2021	5	0.6960	0.0000	0.6960	0.6960	0.0000	5
KY_RS	05/12/2021	6	0.7754	0.0000	0.7754	0.7754	0.0000	5
KY_RS	05/12/2021	7	0.9207	0.0000	0.9207	0.9207	0.0000	5
KY_RS	05/12/2021	8	0.9721	0.1500	0.8221	0.8221	0.0000	5
KY_RS	05/12/2021	9	0.9144	0.4615	0.4529	0.4529	0.0000	5
KY_RS	05/12/2021	10	0.8692	0.6981	0.1711	0.1711	0.0000	5
KY_RS	05/12/2021	11	0.8436	0.9999	(0.1562)	0.0000	(0.1562)	5
KY_RS	05/12/2021	12	0.8235	0.8755	(0.0520)	0.0000	(0.0520)	5
KY_RS	05/12/2021	13	0.8119	1.4261	(0.6142)	0.0000	(0.6142)	5
KY_RS	05/12/2021	14	0.7881	1.6247	(0.8366)	0.0000	(0.8366)	5
KY_RS	05/12/2021	15	0.7765	2.6075	(1.8310)	0.0000	(1.8310)	5
KY_RS	05/12/2021	16	0.7942	1.5896	(0.7954)	0.0000	(0.7954)	5
KY_RS	05/12/2021	17	0.8578	2.3352	(1.4773)	0.0000	(1.4773)	5
KY_RS	05/12/2021	18	0.9356	1.1879	(0.2523)	0.0000	(0.2523)	5
KY_RS	05/12/2021	19	0.9763	0.7241	0.2522	0.2522	0.0000	5
KY_RS	05/12/2021	20	1.0004	0.2925	0.7079	0.7079	0.0000	5
KY_RS	05/12/2021	21	1.0335	0.0000	1.0335	1.0335	0.0000	5
KY_RS	05/12/2021	22	1.0467	0.0000	1.0467	1.0467	0.0000	5
KY_RS	05/12/2021	23	0.9418	0.0000	0.9418	0.9418	0.0000	5
KY_RS	05/12/2021	24	0.8024	0.0000	0.8024	0.8024	0.0000	5
KY_RS	05/13/2021	1	0.7061	0.0000	0.7061	0.7061	0.0000	5
KY_RS	05/13/2021	2	0.6599	0.0000	0.6599	0.6599	0.0000	5
KY_RS	05/13/2021	3	0.6482	0.0000	0.6482	0.6482	0.0000	5
KY_RS	05/13/2021	4	0.6556	0.0000	0.6556	0.6556	0.0000	5
KY_RS	05/13/2021	5	0.6891	0.0000	0.6891	0.6891	0.0000	5
KY_RS	05/13/2021	6	0.7716	0.0000	0.7716	0.7716	0.0000	5
KY_RS	05/13/2021	7	0.9212	0.0000	0.9212	0.9212	0.0000	5
KY_RS	05/13/2021	8	0.9712	0.3630	0.6081	0.6081	0.0000	5
KY_RS	05/13/2021	9	0.9025	1.5877	(0.6852)	0.0000	(0.6852)	5
KY_RS	05/13/2021	10	0.8535	2.9187	(2.0653)	0.0000	(2.0653)	5
KY_RS	05/13/2021	11	0.8159	3.8913	(3.0754)	0.0000	(3.0754)	5
KY_RS	05/13/2021	12	0.7989	4.5663	(3.7674)	0.0000	(3.7674)	5
KY_RS	05/13/2021	13	0.7907	4.9531	(4.1624)	0.0000	(4.1624)	5
KY_RS	05/13/2021	14	0.7724	5.0628	(4.2904)	0.0000	(4.2904)	5
KY_RS	05/13/2021	15	0.7649	4.9222	(4.1574)	0.0000	(4.1574)	5
KY_RS	05/13/2021	16	0.7902	4.5383	(3.7481)	0.0000	(3.7481)	5
KY_RS	05/13/2021	17	0.8550	3.8898	(3.0348)	0.0000	(3.0348)	5

KY_RS	05/13/2021	18	0.9352	2.9536	(2.0184)	0.0000	(2.0184)	5
KY_RS	05/13/2021	19	0.9811	1.7038	(0.7227)	0.0000	(0.7227)	5
KY_RS	05/13/2021	20	1.0028	0.4678	0.5350	0.5350	0.0000	5
KY_RS	05/13/2021	21	1.0308	0.0049	1.0259	1.0259	0.0000	5
KY_RS	05/13/2021	22	1.0399	0.0000	1.0399	1.0399	0.0000	5
KY_RS	05/13/2021	23	0.9326	0.0000	0.9326	0.9326	0.0000	5
KY_RS	05/13/2021	24	0.7921	0.0000	0.7921	0.7921	0.0000	5
KY_RS	05/14/2021	1	0.6853	0.0000	0.6853	0.6853	0.0000	5
KY_RS	05/14/2021	2	0.6324	0.0000	0.6324	0.6324	0.0000	5
KY_RS	05/14/2021	3	0.6118	0.0000	0.6118	0.6118	0.0000	5
KY_RS	05/14/2021	4	0.6138	0.0000	0.6138	0.6138	0.0000	5
KY_RS	05/14/2021	5	0.6430	0.0000	0.6430	0.6430	0.0000	5
KY_RS	05/14/2021	6	0.7183	0.0000	0.7183	0.7183	0.0000	5
KY_RS	05/14/2021	7	0.8590	0.0000	0.8590	0.8590	0.0000	5
KY_RS	05/14/2021	8	0.9176	0.3485	0.5691	0.5691	0.0000	5
KY_RS	05/14/2021	9	0.8677	1.5271	(0.6594)	0.0000	(0.6594)	5
KY_RS	05/14/2021	10	0.8332	2.8188	(1.9856)	0.0000	(1.9856)	5
KY_RS	05/14/2021	11	0.8106	3.7560	(2.9454)	0.0000	(2.9454)	5
KY_RS	05/14/2021	12	0.7981	4.4128	(3.6147)	0.0000	(3.6147)	5
KY_RS	05/14/2021	13	0.7940	4.8024	(4.0084)	0.0000	(4.0084)	5
KY_RS	05/14/2021	14	0.7873	4.9181	(4.1308)	0.0000	(4.1308)	5
KY_RS	05/14/2021	15	0.7931	4.8357	(4.0426)	0.0000	(4.0426)	5
KY_RS	05/14/2021	16	0.8311	4.4483	(3.6173)	0.0000	(3.6173)	5
KY_RS	05/14/2021	17	0.8870	3.1245	(2.2375)	0.0000	(2.2375)	5
KY_RS	05/14/2021	18	0.9435	2.8766	(1.9331)	0.0000	(1.9331)	5
KY_RS	05/14/2021	19	0.9627	1.5669	(0.6041)	0.0000	(0.6041)	5
KY_RS	05/14/2021	20	0.9527	0.4698	0.4829	0.4829	0.0000	5
KY_RS	05/14/2021	21	0.9512	0.0076	0.9436	0.9436	0.0000	5
KY_RS	05/14/2021	22	0.9651	0.0000	0.9651	0.9651	0.0000	5
KY_RS	05/14/2021	23	0.9049	0.0000	0.9049	0.9049	0.0000	5
KY_RS	05/14/2021	24	0.8009	0.0000	0.8009	0.8009	0.0000	5
KY_RS	05/15/2021	1	0.7030	0.0000	0.7030	0.7030	0.0000	5
KY_RS	05/15/2021	2	0.6375	0.0000	0.6375	0.6375	0.0000	5
KY_RS	05/15/2021	3	0.6008	0.0000	0.6008	0.6008	0.0000	5
KY_RS	05/15/2021	4	0.5900	0.0000	0.5900	0.5900	0.0000	5
KY_RS	05/15/2021	5	0.5962	0.0000	0.5962	0.5962	0.0000	5
KY_RS	05/15/2021	6	0.6274	0.0000	0.6274	0.6274	0.0000	5
KY_RS	05/15/2021	7	0.6900	0.0000	0.6900	0.6900	0.0000	5
KY_RS	05/15/2021	8	0.7818	0.3613	0.4204	0.4204	0.0000	5
KY_RS	05/15/2021	9	0.8526	1.4839	(0.6313)	0.0000	(0.6313)	5
KY_RS	05/15/2021	10	0.8827	2.7321	(1.8494)	0.0000	(1.8494)	5
KY_RS	05/15/2021	11	0.8963	3.6686	(2.7723)	0.0000	(2.7723)	5
KY_RS	05/15/2021	12	0.8970	4.2918	(3.3948)	0.0000	(3.3948)	5
KY_RS	05/15/2021	13	0.8983	4.6621	(3.7638)	0.0000	(3.7638)	5
KY_RS	05/15/2021	14	0.8991	4.7734	(3.8743)	0.0000	(3.8743)	5
KY_RS	05/15/2021	15	0.9084	4.6452	(3.7368)	0.0000	(3.7368)	5
KY_RS	05/15/2021	16	0.9343	4.2900	(3.3557)	0.0000	(3.3557)	5
KY_RS	05/15/2021	17	0.9782	3.6721	(2.6939)	0.0000	(2.6939)	5
KY_RS	05/15/2021	18	1.0155	2.7873	(1.7718)	0.0000	(1.7718)	5
KY_RS	05/15/2021	19	1.0066	1.6309	(0.6242)	0.0000	(0.6242)	5
KY_RS	05/15/2021	20	0.9967	0.4639	0.5328	0.5328	0.0000	5
KY_RS	05/15/2021	21	0.9967	0.0170	0.9797	0.9797	0.0000	5
KY_RS	05/15/2021	22	0.9944	0.0000	0.9944	0.9944	0.0000	5
KY_RS	05/15/2021	23	0.9288	0.0000	0.9288	0.9288	0.0000	5
KY_RS	05/15/2021	24	0.8309	0.0000	0.8309	0.8309	0.0000	5
KY_RS	05/16/2021	1	0.7270	0.0000	0.7270	0.7270	0.0000	5
KY_RS	05/16/2021	2	0.6496	0.0000	0.6496	0.6496	0.0000	5
KY_RS	05/16/2021	3	0.5986	0.0000	0.5986	0.5986	0.0000	5
KY_RS	05/16/2021	4	0.5677	0.0000	0.5677	0.5677	0.0000	5
KY_RS	05/16/2021	5	0.5554	0.0000	0.5554	0.5554	0.0000	5
KY_RS	05/16/2021	6	0.5571	0.0000	0.5571	0.5571	0.0000	5
KY_RS	05/16/2021	7	0.5841	0.0000	0.5841	0.5841	0.0000	5
KY_RS	05/16/2021	8	0.6547	0.3555	0.2992	0.2992	0.0000	5
KY_RS	05/16/2021	9	0.7622	1.5118	(0.7495)	0.0000	(0.7495)	5
KY_RS	05/16/2021	10	0.8577	2.7664	(1.9087)	0.0000	(1.9087)	5
KY_RS	05/16/2021	11	0.9219	3.6991	(2.7772)	0.0000	(2.7772)	5
KY_RS	05/16/2021	12	0.9650	4.3361	(3.3711)	0.0000	(3.3711)	5
KY_RS	05/16/2021	13	1.0007	4.7202	(3.7194)	0.0000	(3.7194)	5
KY_RS	05/16/2021	14	1.0199	4.8684	(3.8486)	0.0000	(3.8486)	5
KY_RS	05/16/2021	15	1.0357	4.7715	(3.7358)	0.0000	(3.7358)	5
KY_RS	05/16/2021	16	1.0558	4.4137	(3.3580)	0.0000	(3.3580)	5
KY_RS	05/16/2021	17	1.1006	3.8025	(2.7020)	0.0000	(2.7020)	5
KY_RS	05/16/2021	18	1.1518	2.9128	(1.7610)	0.0000	(1.7610)	5
KY_RS	05/16/2021	19	1.1746	1.6953	(0.5206)	0.0000	(0.5206)	5
KY_RS	05/16/2021	20	1.1916	0.4687	0.7229	0.7229	0.0000	5
KY_RS	05/16/2021	21	1.2010	0.0140	1.1870	1.1870	0.0000	5
KY_RS	05/16/2021	22	1.1760	0.0000	1.1760	1.1760	0.0000	5
KY_RS	05/16/2021	23	1.0390	0.0000	1.0390	1.0390	0.0000	5
KY_RS	05/16/2021	24	0.8630	0.0000	0.8630	0.8630	0.0000	5

KY_RS	05/17/2021	1	0.7222	0.0000	0.7222	0.7222	0.0000	5
KY_RS	05/17/2021	2	0.6382	0.0000	0.6382	0.6382	0.0000	5
KY_RS	05/17/2021	3	0.5919	0.0000	0.5919	0.5919	0.0000	5
KY_RS	05/17/2021	4	0.5706	0.0000	0.5706	0.5706	0.0000	5
KY_RS	05/17/2021	5	0.5714	0.0000	0.5714	0.5714	0.0000	5
KY_RS	05/17/2021	6	0.6183	0.0000	0.6183	0.6183	0.0000	5
KY_RS	05/17/2021	7	0.7226	0.0000	0.7226	0.7226	0.0000	5
KY_RS	05/17/2021	8	0.7889	0.3361	0.4528	0.4528	0.0000	5
KY_RS	05/17/2021	9	0.7914	0.7775	0.0139	0.0139	0.0000	5
KY_RS	05/17/2021	10	0.8100	2.4115	(1.6015)	0.0000	(1.6015)	5
KY_RS	05/17/2021	11	0.8383	2.7735	(1.9352)	0.0000	(1.9352)	5
KY_RS	05/17/2021	12	0.8646	4.3564	(3.4918)	0.0000	(3.4918)	5
KY_RS	05/17/2021	13	0.8790	4.7580	(3.8790)	0.0000	(3.8790)	5
KY_RS	05/17/2021	14	0.8612	3.3241	(2.4630)	0.0000	(2.4630)	5
KY_RS	05/17/2021	15	0.8542	2.7359	(1.8816)	0.0000	(1.8816)	5
KY_RS	05/17/2021	16	0.8878	3.0109	(2.1231)	0.0000	(2.1231)	5
KY_RS	05/17/2021	17	0.9590	3.0358	(2.0767)	0.0000	(2.0767)	5
KY_RS	05/17/2021	18	1.0603	2.8892	(1.8289)	0.0000	(1.8289)	5
KY_RS	05/17/2021	19	1.1107	1.4093	(0.2987)	0.0000	(0.2987)	5
KY_RS	05/17/2021	20	1.1130	0.4863	0.6266	0.6266	0.0000	5
KY_RS	05/17/2021	21	1.1197	0.0136	1.1062	1.1062	0.0000	5
KY_RS	05/17/2021	22	1.0989	0.0000	1.0989	1.0989	0.0000	5
KY_RS	05/17/2021	23	0.9803	0.0000	0.9803	0.9803	0.0000	5
KY_RS	05/17/2021	24	0.8227	0.0000	0.8227	0.8227	0.0000	5
KY_RS	05/18/2021	1	0.7014	0.0000	0.7014	0.7014	0.0000	5
KY_RS	05/18/2021	2	0.6270	0.0000	0.6270	0.6270	0.0000	5
KY_RS	05/18/2021	3	0.5882	0.0000	0.5882	0.5882	0.0000	5
KY_RS	05/18/2021	4	0.5681	0.0000	0.5681	0.5681	0.0000	5
KY_RS	05/18/2021	5	0.5704	0.0000	0.5704	0.5704	0.0000	5
KY_RS	05/18/2021	6	0.6168	0.0000	0.6168	0.6168	0.0000	5
KY_RS	05/18/2021	7	0.7254	0.0000	0.7254	0.7254	0.0000	5
KY_RS	05/18/2021	8	0.7845	0.3713	0.4132	0.4132	0.0000	5
KY_RS	05/18/2021	9	0.7745	1.0692	(0.2946)	0.0000	(0.2946)	5
KY_RS	05/18/2021	10	0.7816	0.7233	0.0583	0.0583	0.0000	5
KY_RS	05/18/2021	11	0.7946	3.1031	(2.3085)	0.0000	(2.3085)	5
KY_RS	05/18/2021	12	0.8160	0.3613	0.4547	0.4547	0.0000	5
KY_RS	05/18/2021	13	0.8482	2.5933	(1.7451)	0.0000	(1.7451)	5
KY_RS	05/18/2021	14	0.8840	3.4001	(2.5162)	0.0000	(2.5162)	5
KY_RS	05/18/2021	15	0.9319	3.6397	(2.7078)	0.0000	(2.7078)	5
KY_RS	05/18/2021	16	1.0166	3.4828	(2.4662)	0.0000	(2.4662)	5
KY_RS	05/18/2021	17	1.1405	3.6190	(2.4785)	0.0000	(2.4785)	5
KY_RS	05/18/2021	18	1.2774	2.7426	(1.4652)	0.0000	(1.4652)	5
KY_RS	05/18/2021	19	1.3478	1.1833	0.1646	0.1646	0.0000	5
KY_RS	05/18/2021	20	1.3522	0.4509	0.9013	0.9013	0.0000	5
KY_RS	05/18/2021	21	1.3414	0.0039	1.3375	1.3375	0.0000	5
KY_RS	05/18/2021	22	1.3233	0.0000	1.3233	1.3233	0.0000	5
KY_RS	05/18/2021	23	1.1874	0.0000	1.1874	1.1874	0.0000	5
KY_RS	05/18/2021	24	0.9940	0.0000	0.9940	0.9940	0.0000	5
KY_RS	05/19/2021	1	0.8323	0.0000	0.8323	0.8323	0.0000	5
KY_RS	05/19/2021	2	0.7289	0.0000	0.7289	0.7289	0.0000	5
KY_RS	05/19/2021	3	0.6638	0.0000	0.6638	0.6638	0.0000	5
KY_RS	05/19/2021	4	0.6254	0.0000	0.6254	0.6254	0.0000	5
KY_RS	05/19/2021	5	0.6137	0.0000	0.6137	0.6137	0.0000	5
KY_RS	05/19/2021	6	0.6490	0.0000	0.6490	0.6490	0.0000	5
KY_RS	05/19/2021	7	0.7493	0.0000	0.7493	0.7493	0.0000	5
KY_RS	05/19/2021	8	0.8163	0.3545	0.4618	0.4618	0.0000	5
KY_RS	05/19/2021	9	0.8389	1.4743	(0.6354)	0.0000	(0.6354)	5
KY_RS	05/19/2021	10	0.8915	2.3208	(1.4293)	0.0000	(1.4293)	5
KY_RS	05/19/2021	11	0.9501	3.1700	(2.2198)	0.0000	(2.2198)	5
KY_RS	05/19/2021	12	1.0341	3.3945	(2.3605)	0.0000	(2.3605)	5
KY_RS	05/19/2021	13	1.1224	3.8114	(2.6891)	0.0000	(2.6891)	5
KY_RS	05/19/2021	14	1.1673	3.4788	(2.3115)	0.0000	(2.3115)	5
KY_RS	05/19/2021	15	1.2070	3.9387	(2.7317)	0.0000	(2.7317)	5
KY_RS	05/19/2021	16	1.3078	0.3130	0.9947	0.9947	0.0000	5
KY_RS	05/19/2021	17	1.4331	0.9517	0.4814	0.4814	0.0000	5
KY_RS	05/19/2021	18	1.5829	0.1290	1.4539	1.4539	0.0000	5
KY_RS	05/19/2021	19	1.6673	0.3748	1.2924	1.2924	0.0000	5
KY_RS	05/19/2021	20	1.6583	0.1533	1.5050	1.5050	0.0000	5
KY_RS	05/19/2021	21	1.6253	0.0000	1.6253	1.6253	0.0000	5
KY_RS	05/19/2021	22	1.5837	0.0000	1.5837	1.5837	0.0000	5
KY_RS	05/19/2021	23	1.4265	0.0000	1.4265	1.4265	0.0000	5
KY_RS	05/19/2021	24	1.2017	0.0000	1.2017	1.2017	0.0000	5
KY_RS	05/20/2021	1	1.0101	0.0000	1.0101	1.0101	0.0000	5
KY_RS	05/20/2021	2	0.8778	0.0000	0.8778	0.8778	0.0000	5
KY_RS	05/20/2021	3	0.7866	0.0000	0.7866	0.7866	0.0000	5
KY_RS	05/20/2021	4	0.7294	0.0000	0.7294	0.7294	0.0000	5
KY_RS	05/20/2021	5	0.7028	0.0000	0.7028	0.7028	0.0000	5
KY_RS	05/20/2021	6	0.7248	0.0000	0.7248	0.7248	0.0000	5
KY_RS	05/20/2021	7	0.8135	0.0000	0.8135	0.8135	0.0000	5

KY_RS	05/20/2021	8	0.8744	0.0002	0.8742	0.8742	0.0000	5
KY_RS	05/20/2021	9	0.9298	0.7779	0.1519	0.1519	0.0000	5
KY_RS	05/20/2021	10	1.0167	1.3033	(0.2866)	0.0000	(0.2866)	5
KY_RS	05/20/2021	11	1.1220	2.0370	(0.9151)	0.0000	(0.9151)	5
KY_RS	05/20/2021	12	1.2258	2.5930	(1.3672)	0.0000	(1.3672)	5
KY_RS	05/20/2021	13	1.3320	3.8855	(2.5535)	0.0000	(2.5535)	5
KY_RS	05/20/2021	14	1.4239	3.6853	(2.2615)	0.0000	(2.2615)	5
KY_RS	05/20/2021	15	1.5212	0.8344	0.6868	0.6868	0.0000	5
KY_RS	05/20/2021	16	1.6443	1.1207	0.5236	0.5236	0.0000	5
KY_RS	05/20/2021	17	1.7915	2.6311	(0.8396)	0.0000	(0.8396)	5
KY_RS	05/20/2021	18	1.9024	1.3003	0.6022	0.6022	0.0000	5
KY_RS	05/20/2021	19	1.9431	0.4364	1.5067	1.5067	0.0000	5
KY_RS	05/20/2021	20	1.9166	0.1788	1.7378	1.7378	0.0000	5
KY_RS	05/20/2021	21	1.8269	0.0000	1.8269	1.8269	0.0000	5
KY_RS	05/20/2021	22	1.7536	0.0000	1.7536	1.7536	0.0000	5
KY_RS	05/20/2021	23	1.5678	0.0000	1.5678	1.5678	0.0000	5
KY_RS	05/20/2021	24	1.3229	0.0000	1.3229	1.3229	0.0000	5
KY_RS	05/21/2021	1	1.1098	0.0000	1.1098	1.1098	0.0000	5
KY_RS	05/21/2021	2	0.9563	0.0000	0.9563	0.9563	0.0000	5
KY_RS	05/21/2021	3	0.8521	0.0000	0.8521	0.8521	0.0000	5
KY_RS	05/21/2021	4	0.7830	0.0000	0.7830	0.7830	0.0000	5
KY_RS	05/21/2021	5	0.7491	0.0000	0.7491	0.7491	0.0000	5
KY_RS	05/21/2021	6	0.7620	0.0000	0.7620	0.7620	0.0000	5
KY_RS	05/21/2021	7	0.8402	0.0000	0.8402	0.8402	0.0000	5
KY_RS	05/21/2021	8	0.9126	0.3492	0.5634	0.5634	0.0000	5
KY_RS	05/21/2021	9	0.9788	0.9598	0.0190	0.0190	0.0000	5
KY_RS	05/21/2021	10	1.0842	0.6839	0.4003	0.4003	0.0000	5
KY_RS	05/21/2021	11	1.2009	2.2399	(1.0390)	0.0000	(1.0390)	5
KY_RS	05/21/2021	12	1.2953	1.9039	(0.6087)	0.0000	(0.6087)	5
KY_RS	05/21/2021	13	1.3931	2.3330	(0.9400)	0.0000	(0.9400)	5
KY_RS	05/21/2021	14	1.4876	2.2359	(0.7483)	0.0000	(0.7483)	5
KY_RS	05/21/2021	15	1.6012	4.1953	(2.5942)	0.0000	(2.5942)	5
KY_RS	05/21/2021	16	1.7275	3.1177	(1.3902)	0.0000	(1.3902)	5
KY_RS	05/21/2021	17	1.8399	0.6052	1.2347	1.2347	0.0000	5
KY_RS	05/21/2021	18	1.8987	2.8580	(0.9593)	0.0000	(0.9593)	5
KY_RS	05/21/2021	19	1.8756	1.1785	0.6971	0.6971	0.0000	5
KY_RS	05/21/2021	20	1.8384	0.5077	1.3307	1.3307	0.0000	5
KY_RS	05/21/2021	21	1.7325	0.0166	1.7160	1.7160	0.0000	5
KY_RS	05/21/2021	22	1.6456	0.0000	1.6456	1.6456	0.0000	5
KY_RS	05/21/2021	23	1.5165	0.0000	1.5165	1.5165	0.0000	5
KY_RS	05/21/2021	24	1.3237	0.0000	1.3237	1.3237	0.0000	5
KY_RS	05/22/2021	1	1.1353	0.0000	1.1353	1.1353	0.0000	5
KY_RS	05/22/2021	2	0.9766	0.0000	0.9766	0.9766	0.0000	5
KY_RS	05/22/2021	3	0.8640	0.0000	0.8640	0.8640	0.0000	5
KY_RS	05/22/2021	4	0.7882	0.0000	0.7882	0.7882	0.0000	5
KY_RS	05/22/2021	5	0.7368	0.0000	0.7368	0.7368	0.0000	5
KY_RS	05/22/2021	6	0.7125	0.0000	0.7125	0.7125	0.0000	5
KY_RS	05/22/2021	7	0.7211	0.0022	0.7189	0.7189	0.0000	5
KY_RS	05/22/2021	8	0.8144	0.4076	0.4068	0.4068	0.0000	5
KY_RS	05/22/2021	9	0.9890	1.6723	(0.6833)	0.0000	(0.6833)	5
KY_RS	05/22/2021	10	1.1580	3.0085	(1.8505)	0.0000	(1.8505)	5
KY_RS	05/22/2021	11	1.3289	3.4883	(2.1593)	0.0000	(2.1593)	5
KY_RS	05/22/2021	12	1.4382	3.7680	(2.3299)	0.0000	(2.3299)	5
KY_RS	05/22/2021	13	1.5893	4.2501	(2.6609)	0.0000	(2.6609)	5
KY_RS	05/22/2021	14	1.7109	3.4875	(1.7766)	0.0000	(1.7766)	5
KY_RS	05/22/2021	15	1.7844	3.5225	(1.7381)	0.0000	(1.7381)	5
KY_RS	05/22/2021	16	1.8271	3.2536	(1.4265)	0.0000	(1.4265)	5
KY_RS	05/22/2021	17	1.8904	3.9312	(2.0408)	0.0000	(2.0408)	5
KY_RS	05/22/2021	18	1.9282	2.6965	(0.7683)	0.0000	(0.7683)	5
KY_RS	05/22/2021	19	1.9720	1.8074	0.1646	0.1646	0.0000	5
KY_RS	05/22/2021	20	1.9183	0.5416	1.3766	1.3766	0.0000	5
KY_RS	05/22/2021	21	1.7892	0.0481	1.7411	1.7411	0.0000	5
KY_RS	05/22/2021	22	1.6785	0.0000	1.6785	1.6785	0.0000	5
KY_RS	05/22/2021	23	1.5310	0.0000	1.5310	1.5310	0.0000	5
KY_RS	05/22/2021	24	1.3396	0.0000	1.3396	1.3396	0.0000	5
KY_RS	05/23/2021	1	1.1509	0.0000	1.1509	1.1509	0.0000	5
KY_RS	05/23/2021	2	0.9972	0.0000	0.9972	0.9972	0.0000	5
KY_RS	05/23/2021	3	0.8854	0.0000	0.8854	0.8854	0.0000	5
KY_RS	05/23/2021	4	0.8069	0.0000	0.8069	0.8069	0.0000	5
KY_RS	05/23/2021	5	0.7532	0.0000	0.7532	0.7532	0.0000	5
KY_RS	05/23/2021	6	0.7247	0.0000	0.7247	0.7247	0.0000	5
KY_RS	05/23/2021	7	0.7279	0.0057	0.7222	0.7222	0.0000	5
KY_RS	05/23/2021	8	0.8202	0.4071	0.4131	0.4131	0.0000	5
KY_RS	05/23/2021	9	1.0134	1.6284	(0.6150)	0.0000	(0.6150)	5
KY_RS	05/23/2021	10	1.2315	2.9099	(1.6785)	0.0000	(1.6785)	5
KY_RS	05/23/2021	11	1.4362	3.8703	(2.4341)	0.0000	(2.4341)	5
KY_RS	05/23/2021	12	1.6013	4.4830	(2.8817)	0.0000	(2.8817)	5
KY_RS	05/23/2021	13	1.7392	4.8321	(3.0929)	0.0000	(3.0929)	5
KY_RS	05/23/2021	14	1.8405	4.9225	(3.0820)	0.0000	(3.0820)	5

KY_RS	05/23/2021	15	1.9266	4.0920	(2.1655)	0.0000	(2.1655)	5	
KY_RS	05/23/2021	16	1.9853	3.4948	(1.5095)	0.0000	(1.5095)	5	
KY_RS	05/23/2021	17	2.0172	2.9984	(0.9811)	0.0000	(0.9811)	5	
KY_RS	05/23/2021	18	2.0814	2.1782	(0.0968)	0.0000	(0.0968)	5	
KY_RS	05/23/2021	19	2.0623	1.2327	0.8296	0.0000	0.8296	5	
KY_RS	05/23/2021	20	2.0585	0.4910	1.5675	1.5675	0.0000	5	
KY_RS	05/23/2021	21	2.0104	0.0205	1.9900	1.9900	0.0000	5	
KY_RS	05/23/2021	22	1.9353	0.0000	1.9353	1.9353	0.0000	5	
KY_RS	05/23/2021	23	1.7550	0.0000	1.7550	1.7550	0.0000	5	
KY_RS	05/23/2021	24	1.5066	0.0000	1.5066	1.5066	0.0000	5	
KY_RS	05/24/2021	1	1.2940	0.0000	1.2940	1.2940	0.0000	5	
KY_RS	05/24/2021	2	1.1350	0.0000	1.1350	1.1350	0.0000	5	
KY_RS	05/24/2021	3	1.0144	0.0000	1.0144	1.0144	0.0000	5	
KY_RS	05/24/2021	4	0.9301	0.0000	0.9301	0.9301	0.0000	5	
KY_RS	05/24/2021	5	0.8797	0.0000	0.8797	0.8797	0.0000	5	
KY_RS	05/24/2021	6	0.8836	0.0000	0.8836	0.8836	0.0000	5	
KY_RS	05/24/2021	7	0.9568	0.0000	0.9568	0.9568	0.0000	5	
KY_RS	05/24/2021	8	1.0283	0.3854	0.6429	0.6429	0.0000	5	
KY_RS	05/24/2021	9	1.0394	0.9730	0.0664	0.0664	0.0000	5	
KY_RS	05/24/2021	10	1.1290	1.4535	(0.3245)	0.0000	(0.3245)	5	
KY_RS	05/24/2021	11	1.3434	1.3337	0.0097	0.0097	0.0000	5	
KY_RS	05/24/2021	12	1.5221	1.7183	(0.1962)	0.0000	(0.1962)	5	
KY_RS	05/24/2021	13	1.6899	1.5808	0.1091	0.1091	0.0000	5	
KY_RS	05/24/2021	14	1.7757	0.8125	0.9632	0.9632	0.0000	5	
KY_RS	05/24/2021	15	1.8637	2.5260	(0.6623)	0.0000	(0.6623)	5	
KY_RS	05/24/2021	16	2.0014	1.2090	0.7924	0.7924	0.0000	5	
KY_RS	05/24/2021	17	2.1681	0.3736	1.7945	1.7945	0.0000	5	
KY_RS	05/24/2021	18	2.3194	0.6463	1.6731	1.6731	0.0000	5	
KY_RS	05/24/2021	19	2.3632	0.0002	2.3630	2.3630	2.3194	1.6731	5
KY_RS	05/24/2021	20	2.2592	0.0000	2.2592	2.2592	0.0000	5	
KY_RS	05/24/2021	21	2.1533	0.0000	2.1533	2.1533	0.0000	5	
KY_RS	05/24/2021	22	2.0488	0.0000	2.0488	2.0488	0.0000	5	
KY_RS	05/24/2021	23	1.8410	0.0000	1.8410	1.8410	0.0000	5	
KY_RS	05/24/2021	24	1.5593	0.0000	1.5593	1.5593	0.0000	5	
KY_RS	05/25/2021	1	1.3217	0.0000	1.3217	1.3217	0.0000	5	
KY_RS	05/25/2021	2	1.1516	0.0000	1.1516	1.1516	0.0000	5	
KY_RS	05/25/2021	3	1.0278	0.0000	1.0278	1.0278	0.0000	5	
KY_RS	05/25/2021	4	0.9409	0.0000	0.9409	0.9409	0.0000	5	
KY_RS	05/25/2021	5	0.8882	0.0000	0.8882	0.8882	0.0000	5	
KY_RS	05/25/2021	6	0.8863	0.0000	0.8863	0.8863	0.0000	5	
KY_RS	05/25/2021	7	0.9572	0.0000	0.9572	0.9572	0.0000	5	
KY_RS	05/25/2021	8	1.0408	0.1278	0.9130	0.9130	0.0000	5	
KY_RS	05/25/2021	9	1.1191	0.2534	0.8657	0.8657	0.0000	5	
KY_RS	05/25/2021	10	1.2310	0.3125	0.9185	0.9185	0.0000	5	
KY_RS	05/25/2021	11	1.4060	2.1857	(0.7797)	0.0000	(0.7797)	5	
KY_RS	05/25/2021	12	1.5722	2.9002	(1.3280)	0.0000	(1.3280)	5	
KY_RS	05/25/2021	13	1.7094	1.3663	0.3431	0.3431	0.0000	5	
KY_RS	05/25/2021	14	1.8208	1.1984	0.6224	0.6224	0.0000	5	
KY_RS	05/25/2021	15	1.9175	2.0062	(0.0887)	0.0000	(0.0887)	5	
KY_RS	05/25/2021	16	2.0445	1.9297	0.1148	0.1148	0.0000	5	
KY_RS	05/25/2021	17	2.1587	0.7371	1.4215	1.4215	0.0000	5	
KY_RS	05/25/2021	18	2.2144	0.4577	1.7567	1.7567	0.0000	5	
KY_RS	05/25/2021	19	2.2604	0.0511	2.2092	2.2092	0.0000	5	
KY_RS	05/25/2021	20	2.2188	0.5643	1.6546	1.6546	0.0000	5	
KY_RS	05/25/2021	21	2.1184	0.0332	2.0852	2.0852	0.0000	5	
KY_RS	05/25/2021	22	2.0235	0.0000	2.0235	2.0235	0.0000	5	
KY_RS	05/25/2021	23	1.8334	0.0000	1.8334	1.8334	0.0000	5	
KY_RS	05/25/2021	24	1.5730	0.0000	1.5730	1.5730	0.0000	5	
KY_RS	05/26/2021	1	1.3526	0.0000	1.3526	1.3526	0.0000	5	
KY_RS	05/26/2021	2	1.1895	0.0000	1.1895	1.1895	0.0000	5	
KY_RS	05/26/2021	3	1.0778	0.0000	1.0778	1.0778	0.0000	5	
KY_RS	05/26/2021	4	1.0057	0.0000	1.0057	1.0057	0.0000	5	
KY_RS	05/26/2021	5	0.9650	0.0000	0.9650	0.9650	0.0000	5	
KY_RS	05/26/2021	6	0.9709	0.0000	0.9709	0.9709	0.0000	5	
KY_RS	05/26/2021	7	1.0405	0.0087	1.0318	1.0318	0.0000	5	
KY_RS	05/26/2021	8	1.1130	0.4060	0.7070	0.7070	0.0000	5	
KY_RS	05/26/2021	9	1.1660	1.4740	(0.3080)	0.0000	(0.3080)	5	
KY_RS	05/26/2021	10	1.2937	2.5473	(1.2536)	0.0000	(1.2536)	5	
KY_RS	05/26/2021	11	1.4397	3.7664	(2.3268)	0.0000	(2.3268)	5	
KY_RS	05/26/2021	12	1.4743	3.5473	(2.0730)	0.0000	(2.0730)	5	
KY_RS	05/26/2021	13	1.3606	4.7395	(3.3790)	0.0000	(3.3790)	5	
KY_RS	05/26/2021	14	1.2623	4.8602	(3.5978)	0.0000	(3.5978)	5	
KY_RS	05/26/2021	15	1.2449	4.7200	(3.4751)	0.0000	(3.4751)	5	
KY_RS	05/26/2021	16	1.2620	4.3303	(3.0684)	0.0000	(3.0684)	5	
KY_RS	05/26/2021	17	1.3290	3.7015	(2.3725)	0.0000	(2.3725)	5	
KY_RS	05/26/2021	18	1.4496	2.8366	(1.3871)	0.0000	(1.3871)	5	
KY_RS	05/26/2021	19	1.5108	1.6988	(0.1881)	0.0000	(0.1881)	5	
KY_RS	05/26/2021	20	1.5077	0.5597	0.9479	0.9479	0.0000	5	
KY_RS	05/26/2021	21	1.4778	0.0320	1.4458	1.4458	0.0000	5	

KY_RS	05/26/2021	22	1.4478	0.0000	1.4478	1.4478	0.0000	5
KY_RS	05/26/2021	23	1.3255	0.0000	1.3255	1.3255	0.0000	5
KY_RS	05/26/2021	24	1.1334	0.0000	1.1334	1.1334	0.0000	5
KY_RS	05/27/2021	1	0.9583	0.0000	0.9583	0.9583	0.0000	5
KY_RS	05/27/2021	2	0.8505	0.0000	0.8505	0.8505	0.0000	5
KY_RS	05/27/2021	3	0.7881	0.0000	0.7881	0.7881	0.0000	5
KY_RS	05/27/2021	4	0.7385	0.0000	0.7385	0.7385	0.0000	5
KY_RS	05/27/2021	5	0.7178	0.0000	0.7178	0.7178	0.0000	5
KY_RS	05/27/2021	6	0.7429	0.0000	0.7429	0.7429	0.0000	5
KY_RS	05/27/2021	7	0.8338	0.0000	0.8338	0.8338	0.0000	5
KY_RS	05/27/2021	8	0.8970	0.3762	0.5207	0.5207	0.0000	5
KY_RS	05/27/2021	9	0.9077	0.5195	0.3882	0.3882	0.0000	5
KY_RS	05/27/2021	10	0.9434	2.3054	(1.3620)	0.0000	(1.3620)	5
KY_RS	05/27/2021	11	1.0463	1.9719	(0.9256)	0.0000	(0.9256)	5
KY_RS	05/27/2021	12	1.1585	2.1656	(1.0072)	0.0000	(1.0072)	5
KY_RS	05/27/2021	13	1.2610	4.6038	(3.3428)	0.0000	(3.3428)	5
KY_RS	05/27/2021	14	1.3529	4.7245	(3.3717)	0.0000	(3.3717)	5
KY_RS	05/27/2021	15	1.4774	3.6587	(2.1814)	0.0000	(2.1814)	5
KY_RS	05/27/2021	16	1.6157	3.3048	(1.6891)	0.0000	(1.6891)	5
KY_RS	05/27/2021	17	1.7696	3.6308	(1.8612)	0.0000	(1.8612)	5
KY_RS	05/27/2021	18	1.8717	2.4524	(0.5806)	0.0000	(0.5806)	5
KY_RS	05/27/2021	19	1.8519	1.6708	0.1810	0.1810	0.0000	5
KY_RS	05/27/2021	20	1.7835	0.5569	1.2266	1.2266	0.0000	5
KY_RS	05/27/2021	21	1.7053	0.0340	1.6713	1.6713	0.0000	5
KY_RS	05/27/2021	22	1.5713	0.0000	1.5713	1.5713	0.0000	5
KY_RS	05/27/2021	23	1.5064	0.0000	1.5064	1.5064	0.0000	5
KY_RS	05/27/2021	24	1.3011	0.0000	1.3011	1.3011	0.0000	5
KY_RS	05/28/2021	1	1.1008	0.0000	1.1008	1.1008	0.0000	5
KY_RS	05/28/2021	2	0.9566	0.0000	0.9566	0.9566	0.0000	5
KY_RS	05/28/2021	3	0.8720	0.0000	0.8720	0.8720	0.0000	5
KY_RS	05/28/2021	4	0.8227	0.0000	0.8227	0.8227	0.0000	5
KY_RS	05/28/2021	5	0.7922	0.0000	0.7922	0.7922	0.0000	5
KY_RS	05/28/2021	6	0.8008	0.0000	0.8008	0.8008	0.0000	5
KY_RS	05/28/2021	7	0.8695	0.0010	0.8686	0.8686	0.0000	5
KY_RS	05/28/2021	8	0.9273	0.3994	0.5279	0.5279	0.0000	5
KY_RS	05/28/2021	9	0.9535	0.8732	0.0804	0.0804	0.0000	5
KY_RS	05/28/2021	10	0.9969	1.9229	(0.9260)	0.0000	(0.9260)	5
KY_RS	05/28/2021	11	1.0454	2.7509	(1.7056)	0.0000	(1.7056)	5
KY_RS	05/28/2021	12	1.0665	2.5615	(1.4950)	0.0000	(1.4950)	5
KY_RS	05/28/2021	13	1.0812	2.5776	(1.4963)	0.0000	(1.4963)	5
KY_RS	05/28/2021	14	1.0755	2.5186	(1.4431)	0.0000	(1.4431)	5
KY_RS	05/28/2021	15	1.0975	2.1848	(1.0872)	0.0000	(1.0872)	5
KY_RS	05/28/2021	16	1.1814	0.9079	0.2734	0.2734	0.0000	5
KY_RS	05/28/2021	17	1.1805	0.7347	0.4458	0.4458	0.0000	5
KY_RS	05/28/2021	18	1.1638	0.9675	0.1963	0.1963	0.0000	5
KY_RS	05/28/2021	19	1.1209	1.7116	(0.5907)	0.0000	(0.5907)	5
KY_RS	05/28/2021	20	1.0438	0.5862	0.4576	0.4576	0.0000	5
KY_RS	05/28/2021	21	0.9870	0.0294	0.9576	0.9576	0.0000	5
KY_RS	05/28/2021	22	0.9676	0.0000	0.9676	0.9676	0.0000	5
KY_RS	05/28/2021	23	0.9101	0.0000	0.9101	0.9101	0.0000	5
KY_RS	05/28/2021	24	0.8085	0.0000	0.8085	0.8085	0.0000	5
KY_RS	05/29/2021	1	0.7134	0.0000	0.7134	0.7134	0.0000	5
KY_RS	05/29/2021	2	0.6441	0.0000	0.6441	0.6441	0.0000	5
KY_RS	05/29/2021	3	0.6012	0.0000	0.6012	0.6012	0.0000	5
KY_RS	05/29/2021	4	0.5800	0.0000	0.5800	0.5800	0.0000	5
KY_RS	05/29/2021	5	0.5725	0.0000	0.5725	0.5725	0.0000	5
KY_RS	05/29/2021	6	0.5821	0.0000	0.5821	0.5821	0.0000	5
KY_RS	05/29/2021	7	0.6193	0.0153	0.6040	0.6040	0.0000	5
KY_RS	05/29/2021	8	0.6971	0.4090	0.2880	0.2880	0.0000	5
KY_RS	05/29/2021	9	0.8052	1.5713	(0.7661)	0.0000	(0.7661)	5
KY_RS	05/29/2021	10	0.8939	2.8093	(1.9154)	0.0000	(1.9154)	5
KY_RS	05/29/2021	11	0.9567	3.4530	(2.4963)	0.0000	(2.4963)	5
KY_RS	05/29/2021	12	0.9871	4.4016	(3.4146)	0.0000	(3.4146)	5
KY_RS	05/29/2021	13	0.9942	4.7833	(3.7891)	0.0000	(3.7891)	5
KY_RS	05/29/2021	14	0.9824	4.8918	(3.9094)	0.0000	(3.9094)	5
KY_RS	05/29/2021	15	0.9714	4.7693	(3.7980)	0.0000	(3.7980)	5
KY_RS	05/29/2021	16	0.9533	4.4261	(3.4728)	0.0000	(3.4728)	5
KY_RS	05/29/2021	17	0.9477	3.5675	(2.6198)	0.0000	(2.6198)	5
KY_RS	05/29/2021	18	0.9642	2.8950	(1.9308)	0.0000	(1.9308)	5
KY_RS	05/29/2021	19	0.9697	1.4145	(0.4448)	0.0000	(0.4448)	5
KY_RS	05/29/2021	20	0.9629	0.5776	0.3853	0.3853	0.0000	5
KY_RS	05/29/2021	21	0.9681	0.0333	0.9348	0.9348	0.0000	5
KY_RS	05/29/2021	22	0.9577	0.0000	0.9577	0.9577	0.0000	5
KY_RS	05/29/2021	23	0.9031	0.0000	0.9031	0.9031	0.0000	5
KY_RS	05/29/2021	24	0.8267	0.0000	0.8267	0.8267	0.0000	5
KY_RS	05/30/2021	1	0.7494	0.0000	0.7494	0.7494	0.0000	5
KY_RS	05/30/2021	2	0.6976	0.0000	0.6976	0.6976	0.0000	5
KY_RS	05/30/2021	3	0.6670	0.0000	0.6670	0.6670	0.0000	5
KY_RS	05/30/2021	4	0.6536	0.0000	0.6536	0.6536	0.0000	5

KY_RS	05/30/2021	5	0.6544	0.0000	0.6544	0.6544	0.0000	5
KY_RS	05/30/2021	6	0.6706	0.0000	0.6706	0.6706	0.0000	5
KY_RS	05/30/2021	7	0.7168	0.0118	0.7050	0.7050	0.0000	5
KY_RS	05/30/2021	8	0.7868	0.4172	0.3696	0.3696	0.0000	5
KY_RS	05/30/2021	9	0.8509	1.5890	(0.7381)	0.0000	(0.7381)	5
KY_RS	05/30/2021	10	0.9010	2.8722	(1.9712)	0.0000	(1.9712)	5
KY_RS	05/30/2021	11	0.9217	3.8156	(2.8939)	0.0000	(2.8939)	5
KY_RS	05/30/2021	12	0.9324	4.4553	(3.5229)	0.0000	(3.5229)	5
KY_RS	05/30/2021	13	0.9406	3.9888	(3.0481)	0.0000	(3.0481)	5
KY_RS	05/30/2021	14	0.9296	4.4631	(3.5335)	0.0000	(3.5335)	5
KY_RS	05/30/2021	15	0.9071	4.2068	(3.2997)	0.0000	(3.2997)	5
KY_RS	05/30/2021	16	0.8911	2.5603	(1.6692)	0.0000	(1.6692)	5
KY_RS	05/30/2021	17	0.8979	2.8821	(1.9842)	0.0000	(1.9842)	5
KY_RS	05/30/2021	18	0.9188	2.9509	(2.0321)	0.0000	(2.0321)	5
KY_RS	05/30/2021	19	0.9265	1.4680	(0.5416)	0.0000	(0.5416)	5
KY_RS	05/30/2021	20	0.9252	0.5821	0.3431	0.3431	0.0000	5
KY_RS	05/30/2021	21	0.9326	0.0373	0.8953	0.8953	0.0000	5
KY_RS	05/30/2021	22	0.9543	0.0000	0.9543	0.9543	0.0000	5
KY_RS	05/30/2021	23	0.9139	0.0000	0.9139	0.9139	0.0000	5
KY_RS	05/30/2021	24	0.8237	0.0000	0.8237	0.8237	0.0000	5
KY_RS	05/31/2021	1	0.7309	0.0000	0.7309	0.7309	0.0000	5
KY_RS	05/31/2021	2	0.6689	0.0000	0.6689	0.6689	0.0000	5
KY_RS	05/31/2021	3	0.6339	0.0000	0.6339	0.6339	0.0000	5
KY_RS	05/31/2021	4	0.6202	0.0000	0.6202	0.6202	0.0000	5
KY_RS	05/31/2021	5	0.6207	0.0000	0.6207	0.6207	0.0000	5
KY_RS	05/31/2021	6	0.6379	0.0000	0.6379	0.6379	0.0000	5
KY_RS	05/31/2021	7	0.6753	0.0000	0.6753	0.6753	0.0000	5
KY_RS	05/31/2021	8	0.7366	0.2186	0.5181	0.5181	0.0000	5
KY_RS	05/31/2021	9	0.8130	1.1414	(0.3284)	0.0000	(0.3284)	5
KY_RS	05/31/2021	10	0.8746	1.6646	(0.7900)	0.0000	(0.7900)	5
KY_RS	05/31/2021	11	0.9229	3.6817	(2.7588)	0.0000	(2.7588)	5
KY_RS	05/31/2021	12	0.9571	4.3647	(3.4076)	0.0000	(3.4076)	5
KY_RS	05/31/2021	13	0.9734	4.7615	(3.7881)	0.0000	(3.7881)	5
KY_RS	05/31/2021	14	0.9725	4.0258	(3.0533)	0.0000	(3.0533)	5
KY_RS	05/31/2021	15	0.9823	3.5306	(2.5483)	0.0000	(2.5483)	5
KY_RS	05/31/2021	16	1.0132	4.4688	(3.4556)	0.0000	(3.4556)	5
KY_RS	05/31/2021	17	1.0795	2.3837	(1.3042)	0.0000	(1.3042)	5
KY_RS	05/31/2021	18	1.1609	2.9421	(1.7812)	0.0000	(1.7812)	5
KY_RS	05/31/2021	19	1.2052	1.7877	(0.5825)	0.0000	(0.5825)	5
KY_RS	05/31/2021	20	1.2089	0.5921	0.6168	0.6168	0.0000	5
KY_RS	05/31/2021	21	1.2045	0.0000	1.2045	1.2045	0.0000	5
KY_RS	05/31/2021	22	1.1909	0.0000	1.1909	1.1909	0.0000	5
KY_RS	05/31/2021	23	1.0782	0.0000	1.0782	1.0782	0.0000	5
KY_RS	05/31/2021	24	0.9003	0.0000	0.9003	0.9003	0.0000	5
KY_RS	06/01/2021	1	0.7561	0.0000	0.7561	0.7561	0.0000	6
KY_RS	06/01/2021	2	0.6644	0.0000	0.6644	0.6644	0.0000	6
KY_RS	06/01/2021	3	0.6160	0.0000	0.6160	0.6160	0.0000	6
KY_RS	06/01/2021	4	0.5886	0.0000	0.5886	0.5886	0.0000	6
KY_RS	06/01/2021	5	0.5855	0.0000	0.5855	0.5855	0.0000	6
KY_RS	06/01/2021	6	0.6196	0.0000	0.6196	0.6196	0.0000	6
KY_RS	06/01/2021	7	0.6935	0.0104	0.6831	0.6831	0.0000	6
KY_RS	06/01/2021	8	0.7494	0.4177	0.3317	0.3317	0.0000	6
KY_RS	06/01/2021	9	0.7630	1.4965	(0.7335)	0.0000	(0.7335)	6
KY_RS	06/01/2021	10	0.7938	2.7052	(1.9114)	0.0000	(1.9114)	6
KY_RS	06/01/2021	11	0.8330	3.6427	(2.8097)	0.0000	(2.8097)	6
KY_RS	06/01/2021	12	0.8989	4.3466	(3.4477)	0.0000	(3.4477)	6
KY_RS	06/01/2021	13	0.9706	4.7564	(3.7858)	0.0000	(3.7858)	6
KY_RS	06/01/2021	14	0.9986	4.9450	(3.9464)	0.0000	(3.9464)	6
KY_RS	06/01/2021	15	1.0263	4.8657	(3.8394)	0.0000	(3.8394)	6
KY_RS	06/01/2021	16	1.0964	4.5150	(3.4186)	0.0000	(3.4186)	6
KY_RS	06/01/2021	17	1.1483	3.9004	(2.7521)	0.0000	(2.7521)	6
KY_RS	06/01/2021	18	1.2255	3.0354	(1.8099)	0.0000	(1.8099)	6
KY_RS	06/01/2021	19	1.2744	1.6937	(0.4193)	0.0000	(0.4193)	6
KY_RS	06/01/2021	20	1.2726	0.5646	0.7079	0.7079	0.0000	6
KY_RS	06/01/2021	21	1.2676	0.0431	1.2244	1.2244	0.0000	6
KY_RS	06/01/2021	22	1.2408	0.0000	1.2408	1.2408	0.0000	6
KY_RS	06/01/2021	23	1.1239	0.0000	1.1239	1.1239	0.0000	6
KY_RS	06/01/2021	24	0.9589	0.0000	0.9589	0.9589	0.0000	6
KY_RS	06/02/2021	1	0.8183	0.0000	0.8183	0.8183	0.0000	6
KY_RS	06/02/2021	2	0.7270	0.0000	0.7270	0.7270	0.0000	6
KY_RS	06/02/2021	3	0.6700	0.0000	0.6700	0.6700	0.0000	6
KY_RS	06/02/2021	4	0.6385	0.0000	0.6385	0.6385	0.0000	6
KY_RS	06/02/2021	5	0.6309	0.0000	0.6309	0.6309	0.0000	6
KY_RS	06/02/2021	6	0.6574	0.0000	0.6574	0.6574	0.0000	6
KY_RS	06/02/2021	7	0.7226	0.0118	0.7108	0.7108	0.0000	6
KY_RS	06/02/2021	8	0.7837	0.4068	0.3769	0.3769	0.0000	6
KY_RS	06/02/2021	9	0.8095	1.2674	(0.4579)	0.0000	(0.4579)	6
KY_RS	06/02/2021	10	0.8372	2.2107	(1.3735)	0.0000	(1.3735)	6
KY_RS	06/02/2021	11	0.8697	2.6509	(1.7812)	0.0000	(1.7812)	6

KY_RS	06/02/2021	12	0.9058	2.2548	(1.3490)	0.0000	(1.3490)	6
KY_RS	06/02/2021	13	0.9382	2.6296	(1.6914)	0.0000	(1.6914)	6
KY_RS	06/02/2021	14	0.9368	3.4841	(2.5474)	0.0000	(2.5474)	6
KY_RS	06/02/2021	15	0.9423	3.3000	(2.3577)	0.0000	(2.3577)	6
KY_RS	06/02/2021	16	0.9591	2.8457	(1.8867)	0.0000	(1.8867)	6
KY_RS	06/02/2021	17	1.0144	1.2540	(0.2396)	0.0000	(0.2396)	6
KY_RS	06/02/2021	18	1.1047	1.5793	(0.4746)	0.0000	(0.4746)	6
KY_RS	06/02/2021	19	1.1461	0.4545	0.6916	0.6916	0.0000	6
KY_RS	06/02/2021	20	1.1493	0.5331	0.6162	0.6162	0.0000	6
KY_RS	06/02/2021	21	1.1426	0.0540	1.0886	1.0886	0.0000	6
KY_RS	06/02/2021	22	1.1146	0.0000	1.1146	1.1146	0.0000	6
KY_RS	06/02/2021	23	1.0265	0.0000	1.0265	1.0265	0.0000	6
KY_RS	06/02/2021	24	0.8891	0.0000	0.8891	0.8891	0.0000	6
KY_RS	06/03/2021	1	0.7663	0.0000	0.7663	0.7663	0.0000	6
KY_RS	06/03/2021	2	0.6885	0.0000	0.6885	0.6885	0.0000	6
KY_RS	06/03/2021	3	0.6413	0.0000	0.6413	0.6413	0.0000	6
KY_RS	06/03/2021	4	0.6175	0.0000	0.6175	0.6175	0.0000	6
KY_RS	06/03/2021	5	0.6161	0.0000	0.6161	0.6161	0.0000	6
KY_RS	06/03/2021	6	0.6491	0.0000	0.6491	0.6491	0.0000	6
KY_RS	06/03/2021	7	0.7221	0.0000	0.7221	0.7221	0.0000	6
KY_RS	06/03/2021	8	0.7861	0.0627	0.7234	0.7234	0.0000	6
KY_RS	06/03/2021	9	0.8168	0.5076	0.3092	0.3092	0.0000	6
KY_RS	06/03/2021	10	0.8480	2.4218	(1.5738)	0.0000	(1.5738)	6
KY_RS	06/03/2021	11	0.8898	3.1362	(2.2465)	0.0000	(2.2465)	6
KY_RS	06/03/2021	12	0.9250	2.9848	(2.0599)	0.0000	(2.0599)	6
KY_RS	06/03/2021	13	0.9645	3.9618	(2.9973)	0.0000	(2.9973)	6
KY_RS	06/03/2021	14	1.0051	2.9534	(1.9483)	0.0000	(1.9483)	6
KY_RS	06/03/2021	15	0.9925	4.6216	(3.6291)	0.0000	(3.6291)	6
KY_RS	06/03/2021	16	1.0018	4.2588	(3.2570)	0.0000	(3.2570)	6
KY_RS	06/03/2021	17	1.1015	3.6661	(2.5646)	0.0000	(2.5646)	6
KY_RS	06/03/2021	18	1.2494	2.8068	(1.5574)	0.0000	(1.5574)	6
KY_RS	06/03/2021	19	1.2642	1.6888	(0.4246)	0.0000	(0.4246)	6
KY_RS	06/03/2021	20	1.2303	0.6230	0.6074	0.6074	0.0000	6
KY_RS	06/03/2021	21	1.2024	0.0617	1.1407	1.1407	0.0000	6
KY_RS	06/03/2021	22	1.1743	0.0000	1.1743	1.1743	0.0000	6
KY_RS	06/03/2021	23	1.0869	0.0000	1.0869	1.0869	0.0000	6
KY_RS	06/03/2021	24	0.9341	0.0000	0.9341	0.9341	0.0000	6
KY_RS	06/04/2021	1	0.7927	0.0000	0.7927	0.7927	0.0000	6
KY_RS	06/04/2021	2	0.7003	0.0000	0.7003	0.7003	0.0000	6
KY_RS	06/04/2021	3	0.6461	0.0000	0.6461	0.6461	0.0000	6
KY_RS	06/04/2021	4	0.6194	0.0000	0.6194	0.6194	0.0000	6
KY_RS	06/04/2021	5	0.6123	0.0000	0.6123	0.6123	0.0000	6
KY_RS	06/04/2021	6	0.6392	0.0000	0.6392	0.6392	0.0000	6
KY_RS	06/04/2021	7	0.7056	0.0000	0.7056	0.7056	0.0000	6
KY_RS	06/04/2021	8	0.7745	0.4886	0.2859	0.2859	0.0000	6
KY_RS	06/04/2021	9	0.8414	1.4334	(0.5920)	0.0000	(0.5920)	6
KY_RS	06/04/2021	10	0.9209	2.5182	(1.5974)	0.0000	(1.5974)	6
KY_RS	06/04/2021	11	1.0166	2.3477	(1.3312)	0.0000	(1.3312)	6
KY_RS	06/04/2021	12	1.1228	4.0048	(2.8819)	0.0000	(2.8819)	6
KY_RS	06/04/2021	13	1.2319	4.3933	(3.1614)	0.0000	(3.1614)	6
KY_RS	06/04/2021	14	1.3356	4.5456	(3.2100)	0.0000	(3.2100)	6
KY_RS	06/04/2021	15	1.4575	4.4483	(2.9908)	0.0000	(2.9908)	6
KY_RS	06/04/2021	16	1.6000	4.1340	(2.5339)	0.0000	(2.5339)	6
KY_RS	06/04/2021	17	1.7490	3.5694	(1.8205)	0.0000	(1.8205)	6
KY_RS	06/04/2021	18	1.8768	2.7271	(0.8503)	0.0000	(0.8503)	6
KY_RS	06/04/2021	19	1.9230	1.2317	0.6912	0.6912	0.0000	6
KY_RS	06/04/2021	20	1.8809	0.5487	1.3322	1.3322	0.0000	6
KY_RS	06/04/2021	21	1.7689	0.0559	1.7130	1.7130	0.0000	6
KY_RS	06/04/2021	22	1.6676	0.0000	1.6676	1.6676	0.0000	6
KY_RS	06/04/2021	23	1.5462	0.0000	1.5462	1.5462	0.0000	6
KY_RS	06/04/2021	24	1.3554	0.0000	1.3554	1.3554	0.0000	6
KY_RS	06/05/2021	1	1.1614	0.0000	1.1614	1.1614	0.0000	6
KY_RS	06/05/2021	2	1.0035	0.0000	1.0035	1.0035	0.0000	6
KY_RS	06/05/2021	3	0.8888	0.0000	0.8888	0.8888	0.0000	6
KY_RS	06/05/2021	4	0.8083	0.0000	0.8083	0.8083	0.0000	6
KY_RS	06/05/2021	5	0.7502	0.0000	0.7502	0.7502	0.0000	6
KY_RS	06/05/2021	6	0.7196	0.0000	0.7196	0.7196	0.0000	6
KY_RS	06/05/2021	7	0.7269	0.0000	0.7269	0.7269	0.0000	6
KY_RS	06/05/2021	8	0.8217	0.4673	0.3545	0.3545	0.0000	6
KY_RS	06/05/2021	9	0.9904	1.4399	(0.4495)	0.0000	(0.4495)	6
KY_RS	06/05/2021	10	1.1732	2.5314	(1.3583)	0.0000	(1.3583)	6
KY_RS	06/05/2021	11	1.3507	3.0849	(1.7342)	0.0000	(1.7342)	6
KY_RS	06/05/2021	12	1.5041	3.7587	(2.2545)	0.0000	(2.2545)	6
KY_RS	06/05/2021	13	1.6192	3.6867	(2.0675)	0.0000	(2.0675)	6
KY_RS	06/05/2021	14	1.7221	3.7944	(2.0723)	0.0000	(2.0723)	6
KY_RS	06/05/2021	15	1.8128	2.1391	(0.3263)	0.0000	(0.3263)	6
KY_RS	06/05/2021	16	1.9085	2.9756	(1.0671)	0.0000	(1.0671)	6
KY_RS	06/05/2021	17	1.9943	2.6561	(0.6618)	0.0000	(0.6618)	6
KY_RS	06/05/2021	18	2.0665	2.6134	(0.5469)	0.0000	(0.5469)	6

KY_RS	06/05/2021	19	2.0771	0.5795	1.4976	1.4976	0.0000	6
KY_RS	06/05/2021	20	2.0092	0.1837	1.8255	1.8255	0.0000	6
KY_RS	06/05/2021	21	1.8751	0.0000	1.8751	1.8751	0.0000	6
KY_RS	06/05/2021	22	1.7549	0.0000	1.7549	1.7549	0.0000	6
KY_RS	06/05/2021	23	1.6208	0.0000	1.6208	1.6208	0.0000	6
KY_RS	06/05/2021	24	1.4313	0.0000	1.4313	1.4313	0.0000	6
KY_RS	06/06/2021	1	1.2394	0.0000	1.2394	1.2394	0.0000	6
KY_RS	06/06/2021	2	1.0757	0.0000	1.0757	1.0757	0.0000	6
KY_RS	06/06/2021	3	0.9503	0.0000	0.9503	0.9503	0.0000	6
KY_RS	06/06/2021	4	0.8618	0.0000	0.8618	0.8618	0.0000	6
KY_RS	06/06/2021	5	0.8038	0.0000	0.8038	0.8038	0.0000	6
KY_RS	06/06/2021	6	0.7690	0.0000	0.7690	0.7690	0.0000	6
KY_RS	06/06/2021	7	0.7703	0.0149	0.7555	0.7555	0.0000	6
KY_RS	06/06/2021	8	0.8457	0.4268	0.4188	0.4188	0.0000	6
KY_RS	06/06/2021	9	0.9722	1.5033	(0.5311)	0.0000	(0.5311)	6
KY_RS	06/06/2021	10	1.1379	2.6343	(1.4964)	0.0000	(1.4964)	6
KY_RS	06/06/2021	11	1.2593	3.4861	(2.2268)	0.0000	(2.2268)	6
KY_RS	06/06/2021	12	1.3042	4.1138	(2.8096)	0.0000	(2.8096)	6
KY_RS	06/06/2021	13	1.4756	4.4494	(2.9738)	0.0000	(2.9738)	6
KY_RS	06/06/2021	14	1.6695	4.5374	(2.8680)	0.0000	(2.8680)	6
KY_RS	06/06/2021	15	1.8261	4.0183	(2.1922)	0.0000	(2.1922)	6
KY_RS	06/06/2021	16	1.9305	3.4029	(1.4724)	0.0000	(1.4724)	6
KY_RS	06/06/2021	17	2.0005	3.2395	(1.2390)	0.0000	(1.2390)	6
KY_RS	06/06/2021	18	2.1181	2.3672	(0.2491)	0.0000	(0.2491)	6
KY_RS	06/06/2021	19	2.1572	1.5099	0.6473	0.6473	0.0000	6
KY_RS	06/06/2021	20	2.0221	0.6307	1.3914	1.3914	0.0000	6
KY_RS	06/06/2021	21	1.8855	0.0631	1.8224	1.8224	0.0000	6
KY_RS	06/06/2021	22	1.7898	0.0000	1.7898	1.7898	0.0000	6
KY_RS	06/06/2021	23	1.6200	0.0000	1.6200	1.6200	0.0000	6
KY_RS	06/06/2021	24	1.3852	0.0000	1.3852	1.3852	0.0000	6
KY_RS	06/07/2021	1	1.1824	0.0000	1.1824	1.1824	0.0000	6
KY_RS	06/07/2021	2	1.0417	0.0000	1.0417	1.0417	0.0000	6
KY_RS	06/07/2021	3	0.9480	0.0000	0.9480	0.9480	0.0000	6
KY_RS	06/07/2021	4	0.8887	0.0000	0.8887	0.8887	0.0000	6
KY_RS	06/07/2021	5	0.8550	0.0000	0.8550	0.8550	0.0000	6
KY_RS	06/07/2021	6	0.8671	0.0000	0.8671	0.8671	0.0000	6
KY_RS	06/07/2021	7	0.9232	0.0074	0.9158	0.9158	0.0000	6
KY_RS	06/07/2021	8	0.9809	0.4672	0.5137	0.5137	0.0000	6
KY_RS	06/07/2021	9	1.0307	1.4476	(0.4169)	0.0000	(0.4169)	6
KY_RS	06/07/2021	10	1.1185	2.5308	(1.4123)	0.0000	(1.4123)	6
KY_RS	06/07/2021	11	1.1975	3.3845	(2.1870)	0.0000	(2.1870)	6
KY_RS	06/07/2021	12	1.3595	4.0107	(2.6512)	0.0000	(2.6512)	6
KY_RS	06/07/2021	13	1.5113	4.3767	(2.8654)	0.0000	(2.8654)	6
KY_RS	06/07/2021	14	1.5957	4.4803	(2.8846)	0.0000	(2.8846)	6
KY_RS	06/07/2021	15	1.6129	4.3367	(2.7238)	0.0000	(2.7238)	6
KY_RS	06/07/2021	16	1.7142	3.9969	(2.2827)	0.0000	(2.2827)	6
KY_RS	06/07/2021	17	1.7930	3.4219	(1.6289)	0.0000	(1.6289)	6
KY_RS	06/07/2021	18	1.8903	2.1662	(0.2760)	0.0000	(0.2760)	6
KY_RS	06/07/2021	19	1.9274	1.6442	0.2832	0.2832	0.0000	6
KY_RS	06/07/2021	20	1.9270	0.6359	1.2911	1.2911	0.0000	6
KY_RS	06/07/2021	21	1.8523	0.0594	1.7929	1.7929	0.0000	6
KY_RS	06/07/2021	22	1.7585	0.0000	1.7585	1.7585	0.0000	6
KY_RS	06/07/2021	23	1.6095	0.0000	1.6095	1.6095	0.0000	6
KY_RS	06/07/2021	24	1.3886	0.0000	1.3886	1.3886	0.0000	6
KY_RS	06/08/2021	1	1.1894	0.0000	1.1894	1.1894	0.0000	6
KY_RS	06/08/2021	2	1.0562	0.0000	1.0562	1.0562	0.0000	6
KY_RS	06/08/2021	3	0.9678	0.0000	0.9678	0.9678	0.0000	6
KY_RS	06/08/2021	4	0.9045	0.0000	0.9045	0.9045	0.0000	6
KY_RS	06/08/2021	5	0.8700	0.0000	0.8700	0.8700	0.0000	6
KY_RS	06/08/2021	6	0.8760	0.0000	0.8760	0.8760	0.0000	6
KY_RS	06/08/2021	7	0.9323	0.0040	0.9282	0.9282	0.0000	6
KY_RS	06/08/2021	8	0.9967	0.4523	0.5444	0.5444	0.0000	6
KY_RS	06/08/2021	9	1.0357	1.4381	(0.4024)	0.0000	(0.4024)	6
KY_RS	06/08/2021	10	1.1149	2.5318	(1.4170)	0.0000	(1.4170)	6
KY_RS	06/08/2021	11	1.2578	3.4118	(2.1540)	0.0000	(2.1540)	6
KY_RS	06/08/2021	12	1.4275	4.0754	(2.6480)	0.0000	(2.6480)	6
KY_RS	06/08/2021	13	1.5411	4.4556	(2.9146)	0.0000	(2.9146)	6
KY_RS	06/08/2021	14	1.6127	3.7791	(2.1664)	0.0000	(2.1664)	6
KY_RS	06/08/2021	15	1.6636	3.9927	(2.3291)	0.0000	(2.3291)	6
KY_RS	06/08/2021	16	1.7103	3.9726	(2.2623)	0.0000	(2.2623)	6
KY_RS	06/08/2021	17	1.7612	3.3937	(1.6324)	0.0000	(1.6324)	6
KY_RS	06/08/2021	18	1.8008	2.2035	(0.4028)	0.0000	(0.4028)	6
KY_RS	06/08/2021	19	1.7792	1.5582	0.2209	0.2209	0.0000	6
KY_RS	06/08/2021	20	1.7268	0.5838	1.1431	1.1431	0.0000	6
KY_RS	06/08/2021	21	1.6761	0.0677	1.6084	1.6084	0.0000	6
KY_RS	06/08/2021	22	1.6305	0.0000	1.6305	1.6305	0.0000	6
KY_RS	06/08/2021	23	1.5130	0.0000	1.5130	1.5130	0.0000	6
KY_RS	06/08/2021	24	1.3271	0.0000	1.3271	1.3271	0.0000	6
KY_RS	06/09/2021	1	1.1497	0.0000	1.1497	1.1497	0.0000	6

KY_RS	06/09/2021	2	1.0237	0.0000	1.0237	1.0237	0.0000	6
KY_RS	06/09/2021	3	0.9340	0.0000	0.9340	0.9340	0.0000	6
KY_RS	06/09/2021	4	0.8815	0.0000	0.8815	0.8815	0.0000	6
KY_RS	06/09/2021	5	0.8579	0.0000	0.8579	0.8579	0.0000	6
KY_RS	06/09/2021	6	0.8743	0.0000	0.8743	0.8743	0.0000	6
KY_RS	06/09/2021	7	0.9304	0.0000	0.9304	0.9304	0.0000	6
KY_RS	06/09/2021	8	0.9891	0.4422	0.5469	0.5469	0.0000	6
KY_RS	06/09/2021	9	1.0253	1.4594	(0.4341)	0.0000	(0.4341)	6
KY_RS	06/09/2021	10	1.0565	2.5825	(1.5260)	0.0000	(1.5260)	6
KY_RS	06/09/2021	11	1.0976	3.4479	(2.3504)	0.0000	(2.3504)	6
KY_RS	06/09/2021	12	1.1265	4.0182	(2.8918)	0.0000	(2.8918)	6
KY_RS	06/09/2021	13	1.1661	4.3967	(3.2306)	0.0000	(3.2306)	6
KY_RS	06/09/2021	14	1.1871	4.4883	(3.3012)	0.0000	(3.3012)	6
KY_RS	06/09/2021	15	1.2456	4.3635	(3.1179)	0.0000	(3.1179)	6
KY_RS	06/09/2021	16	1.3109	4.0193	(2.7084)	0.0000	(2.7084)	6
KY_RS	06/09/2021	17	1.4190	3.4329	(2.0139)	0.0000	(2.0139)	6
KY_RS	06/09/2021	18	1.5572	2.6487	(1.0915)	0.0000	(1.0915)	6
KY_RS	06/09/2021	19	1.6328	1.6532	(0.0205)	0.0000	(0.0205)	6
KY_RS	06/09/2021	20	1.6194	0.6486	0.9707	0.9707	0.0000	6
KY_RS	06/09/2021	21	1.5825	0.0703	1.5122	1.5122	0.0000	6
KY_RS	06/09/2021	22	1.5516	0.0000	1.5516	1.5516	0.0000	6
KY_RS	06/09/2021	23	1.4525	0.0000	1.4525	1.4525	0.0000	6
KY_RS	06/09/2021	24	1.2672	0.0000	1.2672	1.2672	0.0000	6
KY_RS	06/10/2021	1	1.1022	0.0000	1.1022	1.1022	0.0000	6
KY_RS	06/10/2021	2	0.9771	0.0000	0.9771	0.9771	0.0000	6
KY_RS	06/10/2021	3	0.9005	0.0000	0.9005	0.9005	0.0000	6
KY_RS	06/10/2021	4	0.8557	0.0000	0.8557	0.8557	0.0000	6
KY_RS	06/10/2021	5	0.8379	0.0000	0.8379	0.8379	0.0000	6
KY_RS	06/10/2021	6	0.8561	0.0000	0.8561	0.8561	0.0000	6
KY_RS	06/10/2021	7	0.9184	0.0000	0.9184	0.9184	0.0000	6
KY_RS	06/10/2021	8	0.9927	0.4614	0.5313	0.5313	0.0000	6
KY_RS	06/10/2021	9	1.0535	1.4118	(0.3583)	0.0000	(0.3583)	6
KY_RS	06/10/2021	10	1.1345	2.4811	(1.3466)	0.0000	(1.3466)	6
KY_RS	06/10/2021	11	1.2455	3.3404	(2.0949)	0.0000	(2.0949)	6
KY_RS	06/10/2021	12	1.3796	3.4381	(2.0585)	0.0000	(2.0585)	6
KY_RS	06/10/2021	13	1.4745	3.6245	(2.1500)	0.0000	(2.1500)	6
KY_RS	06/10/2021	14	1.5235	1.6861	(0.1626)	0.0000	(0.1626)	6
KY_RS	06/10/2021	15	1.5868	4.0837	(2.4969)	0.0000	(2.4969)	6
KY_RS	06/10/2021	16	1.6800	3.7245	(2.0445)	0.0000	(2.0445)	6
KY_RS	06/10/2021	17	1.7682	2.6889	(0.9207)	0.0000	(0.9207)	6
KY_RS	06/10/2021	18	1.9573	1.9268	0.0305	0.0305	0.0000	6
KY_RS	06/10/2021	19	1.9894	0.6741	1.3152	1.3152	0.0000	6
KY_RS	06/10/2021	20	1.9234	0.0237	1.8996	1.8996	0.0000	6
KY_RS	06/10/2021	21	1.8622	0.0000	1.8622	1.8622	0.0000	6
KY_RS	06/10/2021	22	1.8053	0.0000	1.8053	1.8053	0.0000	6
KY_RS	06/10/2021	23	1.6753	0.0000	1.6753	1.6753	0.0000	6
KY_RS	06/10/2021	24	1.4672	0.0000	1.4672	1.4672	0.0000	6
KY_RS	06/11/2021	1	1.2719	0.0000	1.2719	1.2719	0.0000	6
KY_RS	06/11/2021	2	1.1277	0.0000	1.1277	1.1277	0.0000	6
KY_RS	06/11/2021	3	1.0266	0.0000	1.0266	1.0266	0.0000	6
KY_RS	06/11/2021	4	0.9704	0.0000	0.9704	0.9704	0.0000	6
KY_RS	06/11/2021	5	0.9398	0.0000	0.9398	0.9398	0.0000	6
KY_RS	06/11/2021	6	0.9419	0.0000	0.9419	0.9419	0.0000	6
KY_RS	06/11/2021	7	0.9840	0.0000	0.9840	0.9840	0.0000	6
KY_RS	06/11/2021	8	1.0556	0.0146	1.0410	1.0410	0.0000	6
KY_RS	06/11/2021	9	1.1100	1.1555	(0.0456)	0.0000	(0.0456)	6
KY_RS	06/11/2021	10	1.2128	2.6152	(1.4024)	0.0000	(1.4024)	6
KY_RS	06/11/2021	11	1.3944	1.8529	(0.4585)	0.0000	(0.4585)	6
KY_RS	06/11/2021	12	1.5247	4.1613	(2.6366)	0.0000	(2.6366)	6
KY_RS	06/11/2021	13	1.6723	4.5471	(2.8748)	0.0000	(2.8748)	6
KY_RS	06/11/2021	14	1.7719	4.6525	(2.8807)	0.0000	(2.8807)	6
KY_RS	06/11/2021	15	1.8059	4.5997	(2.7939)	0.0000	(2.7939)	6
KY_RS	06/11/2021	16	1.8400	4.2508	(2.4109)	0.0000	(2.4109)	6
KY_RS	06/11/2021	17	1.7833	2.9773	(1.1941)	0.0000	(1.1941)	6
KY_RS	06/11/2021	18	1.7712	2.8317	(1.0605)	0.0000	(1.0605)	6
KY_RS	06/11/2021	19	1.7437	1.7621	(0.0185)	0.0000	(0.0185)	6
KY_RS	06/11/2021	20	1.7155	0.6440	1.0714	1.0714	0.0000	6
KY_RS	06/11/2021	21	1.6903	0.0901	1.6002	1.6002	0.0000	6
KY_RS	06/11/2021	22	1.6329	0.0000	1.6329	1.6329	0.0000	6
KY_RS	06/11/2021	23	1.5531	0.0000	1.5531	1.5531	0.0000	6
KY_RS	06/11/2021	24	1.3979	0.0000	1.3979	1.3979	0.0000	6
KY_RS	06/12/2021	1	1.2297	0.0000	1.2297	1.2297	0.0000	6
KY_RS	06/12/2021	2	1.0838	0.0000	1.0838	1.0838	0.0000	6
KY_RS	06/12/2021	3	0.9823	0.0000	0.9823	0.9823	0.0000	6
KY_RS	06/12/2021	4	0.9059	0.0000	0.9059	0.9059	0.0000	6
KY_RS	06/12/2021	5	0.8563	0.0000	0.8563	0.8563	0.0000	6
KY_RS	06/12/2021	6	0.8343	0.0000	0.8343	0.8343	0.0000	6
KY_RS	06/12/2021	7	0.8518	0.0096	0.8422	0.8422	0.0000	6
KY_RS	06/12/2021	8	0.9252	0.1207	0.8045	0.8045	0.0000	6

KY_RS	06/12/2021	9	1.0718	0.4163	0.6555	0.6555	0.0000	6
KY_RS	06/12/2021	10	1.3059	0.7368	0.5691	0.5691	0.0000	6
KY_RS	06/12/2021	11	1.5307	3.6295	(2.0988)	0.0000	(2.0988)	6
KY_RS	06/12/2021	12	1.7564	4.3127	(2.5562)	0.0000	(2.5562)	6
KY_RS	06/12/2021	13	1.9348	4.7489	(2.8141)	0.0000	(2.8141)	6
KY_RS	06/12/2021	14	2.0677	4.9290	(2.8614)	0.0000	(2.8614)	6
KY_RS	06/12/2021	15	2.1654	4.8615	(2.6961)	0.0000	(2.6961)	6
KY_RS	06/12/2021	16	2.2146	4.5423	(2.3278)	0.0000	(2.3278)	6
KY_RS	06/12/2021	17	2.2899	3.2200	(0.9301)	0.0000	(0.9301)	6
KY_RS	06/12/2021	18	2.3412	2.6210	(0.2799)	0.0000	(0.2799)	6
KY_RS	06/12/2021	19	2.2643	1.7660	0.4983	0.4983	0.0000	6
KY_RS	06/12/2021	20	2.1684	0.6607	1.5077	1.5077	0.0000	6
KY_RS	06/12/2021	21	2.0723	0.0822	1.9900	1.9900	0.0000	6
KY_RS	06/12/2021	22	1.9877	0.0000	1.9877	1.9877	0.0000	6
KY_RS	06/12/2021	23	1.8733	0.0000	1.8733	1.8733	0.0000	6
KY_RS	06/12/2021	24	1.6985	0.0000	1.6985	1.6985	0.0000	6
KY_RS	06/13/2021	1	1.5162	0.0000	1.5162	1.5162	0.0000	6
KY_RS	06/13/2021	2	1.3623	0.0000	1.3623	1.3623	0.0000	6
KY_RS	06/13/2021	3	1.2478	0.0000	1.2478	1.2478	0.0000	6
KY_RS	06/13/2021	4	1.1532	0.0000	1.1532	1.1532	0.0000	6
KY_RS	06/13/2021	5	1.0798	0.0000	1.0798	1.0798	0.0000	6
KY_RS	06/13/2021	6	1.0304	0.0000	1.0304	1.0304	0.0000	6
KY_RS	06/13/2021	7	1.0106	0.0009	1.0097	1.0097	0.0000	6
KY_RS	06/13/2021	8	1.1035	0.4097	0.6938	0.6938	0.0000	6
KY_RS	06/13/2021	9	1.3339	0.6885	0.6454	0.6454	0.0000	6
KY_RS	06/13/2021	10	1.5816	1.5867	(0.0050)	0.0000	(0.0050)	6
KY_RS	06/13/2021	11	1.8100	3.7097	(1.8997)	0.0000	(1.8997)	6
KY_RS	06/13/2021	12	2.0018	4.3675	(2.3658)	0.0000	(2.3658)	6
KY_RS	06/13/2021	13	2.1742	4.7485	(2.5743)	0.0000	(2.5743)	6
KY_RS	06/13/2021	14	2.2863	4.9020	(2.6156)	0.0000	(2.6156)	6
KY_RS	06/13/2021	15	2.3579	4.7595	(2.4016)	0.0000	(2.4016)	6
KY_RS	06/13/2021	16	2.3649	4.4384	(2.0735)	0.0000	(2.0735)	6
KY_RS	06/13/2021	17	2.4651	3.8449	(1.3798)	0.0000	(1.3798)	6
KY_RS	06/13/2021	18	2.5215	2.9951	(0.4736)	0.0000	(0.4736)	6
KY_RS	06/13/2021	19	2.5415	1.8594	0.6821	0.6821	0.0000	6
KY_RS	06/13/2021	20	2.5005	0.6715	1.8291	1.8291	0.0000	6
KY_RS	06/13/2021	21	2.3860	0.0899	2.2961	2.2961	0.0000	6
KY_RS	06/13/2021	22	2.2431	0.0000	2.2431	2.2431	0.0000	6
KY_RS	06/13/2021	23	2.0318	0.0000	2.0318	2.0318	0.0000	6
KY_RS	06/13/2021	24	1.7272	0.0000	1.7272	1.7272	0.0000	6
KY_RS	06/14/2021	1	1.4540	0.0000	1.4540	1.4540	0.0000	6
KY_RS	06/14/2021	2	1.2444	0.0000	1.2444	1.2444	0.0000	6
KY_RS	06/14/2021	3	1.0962	0.0000	1.0962	1.0962	0.0000	6
KY_RS	06/14/2021	4	0.9905	0.0000	0.9905	0.9905	0.0000	6
KY_RS	06/14/2021	5	0.9209	0.0000	0.9209	0.9209	0.0000	6
KY_RS	06/14/2021	6	0.8917	0.0000	0.8917	0.8917	0.0000	6
KY_RS	06/14/2021	7	0.9162	0.0123	0.9038	0.9038	0.0000	6
KY_RS	06/14/2021	8	1.0029	0.4065	0.5964	0.5964	0.0000	6
KY_RS	06/14/2021	9	1.1159	1.4256	(0.3097)	0.0000	(0.3097)	6
KY_RS	06/14/2021	10	1.2643	2.1872	(0.9229)	0.0000	(0.9229)	6
KY_RS	06/14/2021	11	1.4298	3.2951	(1.8653)	0.0000	(1.8653)	6
KY_RS	06/14/2021	12	1.5840	3.8878	(2.3039)	0.0000	(2.3039)	6
KY_RS	06/14/2021	13	1.7147	4.1685	(2.4538)	0.0000	(2.4538)	6
KY_RS	06/14/2021	14	1.8623	4.4375	(2.5752)	0.0000	(2.5752)	6
KY_RS	06/14/2021	15	1.9966	4.1577	(2.1611)	0.0000	(2.1611)	6
KY_RS	06/14/2021	16	2.1311	3.8939	(1.7628)	0.0000	(1.7628)	6
KY_RS	06/14/2021	17	2.2720	3.4240	(1.1520)	0.0000	(1.1520)	6
KY_RS	06/14/2021	18	2.3880	2.6866	(0.2986)	0.0000	(0.2986)	6
KY_RS	06/14/2021	19	2.4065	1.8562	0.5503	0.5503	0.0000	6
KY_RS	06/14/2021	20	2.3194	0.6768	1.6426	1.6426	0.0000	6
KY_RS	06/14/2021	21	2.1552	0.0914	2.0638	2.0638	0.0000	6
KY_RS	06/14/2021	22	2.0039	0.0000	2.0039	2.0039	0.0000	6
KY_RS	06/14/2021	23	1.8009	0.0000	1.8009	1.8009	0.0000	6
KY_RS	06/14/2021	24	1.5264	0.0000	1.5264	1.5264	0.0000	6
KY_RS	06/15/2021	1	1.2831	0.0000	1.2831	1.2831	0.0000	6
KY_RS	06/15/2021	2	1.1009	0.0000	1.1009	1.1009	0.0000	6
KY_RS	06/15/2021	3	0.9689	0.0000	0.9689	0.9689	0.0000	6
KY_RS	06/15/2021	4	0.8764	0.0000	0.8764	0.8764	0.0000	6
KY_RS	06/15/2021	5	0.8213	0.0000	0.8213	0.8213	0.0000	6
KY_RS	06/15/2021	6	0.8082	0.0000	0.8082	0.8082	0.0000	6
KY_RS	06/15/2021	7	0.8449	0.0041	0.8407	0.8407	0.0000	6
KY_RS	06/15/2021	8	0.9238	0.4045	0.5193	0.5193	0.0000	6
KY_RS	06/15/2021	9	1.0076	1.1167	(0.1090)	0.0000	(0.1090)	6
KY_RS	06/15/2021	10	1.1014	0.2586	0.8427	0.8427	0.0000	6
KY_RS	06/15/2021	11	1.2057	0.3071	0.8986	0.8986	0.0000	6
KY_RS	06/15/2021	12	1.3063	0.3872	0.9191	0.9191	0.0000	6
KY_RS	06/15/2021	13	1.4008	0.5853	0.8155	0.8155	0.0000	6
KY_RS	06/15/2021	14	1.4715	1.4463	0.0252	0.0252	0.0000	6
KY_RS	06/15/2021	15	1.5424	1.2629	0.2795	0.2795	0.0000	6

KY_RS	06/15/2021	16	1.6440	1.0089	0.6351	0.6351	0.0000	6
KY_RS	06/15/2021	17	1.7713	0.8361	0.9353	0.9353	0.0000	6
KY_RS	06/15/2021	18	1.8954	1.0611	0.8342	0.8342	0.0000	6
KY_RS	06/15/2021	19	1.8924	1.0854	0.8071	0.8071	0.0000	6
KY_RS	06/15/2021	20	1.8470	0.5886	1.2584	1.2584	0.0000	6
KY_RS	06/15/2021	21	1.7517	0.0973	1.6543	1.6543	0.0000	6
KY_RS	06/15/2021	22	1.6434	0.0000	1.6434	1.6434	0.0000	6
KY_RS	06/15/2021	23	1.4896	0.0000	1.4896	1.4896	0.0000	6
KY_RS	06/15/2021	24	1.2608	0.0000	1.2608	1.2608	0.0000	6
KY_RS	06/16/2021	1	1.0672	0.0000	1.0672	1.0672	0.0000	6
KY_RS	06/16/2021	2	0.9210	0.0000	0.9210	0.9210	0.0000	6
KY_RS	06/16/2021	3	0.8301	0.0000	0.8301	0.8301	0.0000	6
KY_RS	06/16/2021	4	0.7695	0.0000	0.7695	0.7695	0.0000	6
KY_RS	06/16/2021	5	0.7350	0.0000	0.7350	0.7350	0.0000	6
KY_RS	06/16/2021	6	0.7421	0.0000	0.7421	0.7421	0.0000	6
KY_RS	06/16/2021	7	0.7884	0.0117	0.7767	0.7767	0.0000	6
KY_RS	06/16/2021	8	0.8503	0.3869	0.4634	0.4634	0.0000	6
KY_RS	06/16/2021	9	0.9313	1.5481	(0.6169)	0.0000	(0.6169)	6
KY_RS	06/16/2021	10	1.0135	2.7751	(1.7616)	0.0000	(1.7616)	6
KY_RS	06/16/2021	11	1.0984	3.6806	(2.5822)	0.0000	(2.5822)	6
KY_RS	06/16/2021	12	1.1844	4.3463	(3.1619)	0.0000	(3.1619)	6
KY_RS	06/16/2021	13	1.2728	4.7290	(3.4562)	0.0000	(3.4562)	6
KY_RS	06/16/2021	14	1.3514	4.9186	(3.5672)	0.0000	(3.5672)	6
KY_RS	06/16/2021	15	1.4471	4.8119	(3.3648)	0.0000	(3.3648)	6
KY_RS	06/16/2021	16	1.5761	3.2396	(1.6635)	0.0000	(1.6635)	6
KY_RS	06/16/2021	17	1.7239	3.8544	(2.1305)	0.0000	(2.1305)	6
KY_RS	06/16/2021	18	1.8622	1.7115	0.1508	0.1508	0.0000	6
KY_RS	06/16/2021	19	1.9158	1.8484	0.0674	0.0674	0.0000	6
KY_RS	06/16/2021	20	1.8736	0.6476	1.2260	1.2260	0.0000	6
KY_RS	06/16/2021	21	1.7610	0.0860	1.6750	1.6750	0.0000	6
KY_RS	06/16/2021	22	1.6004	0.0000	1.6004	1.6004	0.0000	6
KY_RS	06/16/2021	23	1.4728	0.0000	1.4728	1.4728	0.0000	6
KY_RS	06/16/2021	24	1.2332	0.0000	1.2332	1.2332	0.0000	6
KY_RS	06/17/2021	1	1.0213	0.0000	1.0213	1.0213	0.0000	6
KY_RS	06/17/2021	2	0.8778	0.0000	0.8778	0.8778	0.0000	6
KY_RS	06/17/2021	3	0.7867	0.0000	0.7867	0.7867	0.0000	6
KY_RS	06/17/2021	4	0.7309	0.0000	0.7309	0.7309	0.0000	6
KY_RS	06/17/2021	5	0.7020	0.0000	0.7020	0.7020	0.0000	6
KY_RS	06/17/2021	6	0.7135	0.0000	0.7135	0.7135	0.0000	6
KY_RS	06/17/2021	7	0.7627	0.0144	0.7483	0.7483	0.0000	6
KY_RS	06/17/2021	8	0.8368	0.1503	0.6865	0.6865	0.0000	6
KY_RS	06/17/2021	9	0.9151	0.9627	(0.0476)	0.0000	(0.0476)	6
KY_RS	06/17/2021	10	1.0114	2.6219	(1.6105)	0.0000	(1.6105)	6
KY_RS	06/17/2021	11	1.1265	3.0304	(1.9039)	0.0000	(1.9039)	6
KY_RS	06/17/2021	12	1.2522	2.8572	(1.6050)	0.0000	(1.6050)	6
KY_RS	06/17/2021	13	1.3799	4.4820	(3.1021)	0.0000	(3.1021)	6
KY_RS	06/17/2021	14	1.4963	4.6267	(3.1303)	0.0000	(3.1303)	6
KY_RS	06/17/2021	15	1.6217	4.5643	(2.9427)	0.0000	(2.9427)	6
KY_RS	06/17/2021	16	1.7755	4.2522	(2.4767)	0.0000	(2.4767)	6
KY_RS	06/17/2021	17	1.9464	3.6747	(1.7284)	0.0000	(1.7284)	6
KY_RS	06/17/2021	18	2.1065	2.7044	(0.5978)	0.0000	(0.5978)	6
KY_RS	06/17/2021	19	2.1674	1.4267	0.7407	0.7407	0.0000	6
KY_RS	06/17/2021	20	2.1287	0.5769	1.5518	1.5518	0.0000	6
KY_RS	06/17/2021	21	2.0117	0.1043	1.9074	1.9074	0.0000	6
KY_RS	06/17/2021	22	1.8895	0.0000	1.8895	1.8895	0.0000	6
KY_RS	06/17/2021	23	1.7270	0.0000	1.7270	1.7270	0.0000	6
KY_RS	06/17/2021	24	1.4805	0.0000	1.4805	1.4805	0.0000	6
KY_RS	06/18/2021	1	1.2598	0.0000	1.2598	1.2598	0.0000	6
KY_RS	06/18/2021	2	1.0877	0.0000	1.0877	1.0877	0.0000	6
KY_RS	06/18/2021	3	0.9691	0.0000	0.9691	0.9691	0.0000	6
KY_RS	06/18/2021	4	0.8876	0.0000	0.8876	0.8876	0.0000	6
KY_RS	06/18/2021	5	0.8482	0.0000	0.8482	0.8482	0.0000	6
KY_RS	06/18/2021	6	0.8414	0.0000	0.8414	0.8414	0.0000	6
KY_RS	06/18/2021	7	0.8795	0.0000	0.8795	0.8795	0.0000	6
KY_RS	06/18/2021	8	0.9629	0.0601	0.9028	0.9028	0.0000	6
KY_RS	06/18/2021	9	1.0449	0.2874	0.7574	0.7574	0.0000	6
KY_RS	06/18/2021	10	1.1886	0.4830	0.7056	0.7056	0.0000	6
KY_RS	06/18/2021	11	1.2690	0.9908	0.2782	0.2782	0.0000	6
KY_RS	06/18/2021	12	1.2870	1.3878	(0.1009)	0.0000	(0.1009)	6
KY_RS	06/18/2021	13	1.2828	0.8550	0.4278	0.4278	0.0000	6
KY_RS	06/18/2021	14	1.3957	1.6568	(0.2610)	0.0000	(0.2610)	6
KY_RS	06/18/2021	15	1.5946	2.3222	(0.7276)	0.0000	(0.7276)	6
KY_RS	06/18/2021	16	1.8213	3.7671	(1.9458)	0.0000	(1.9458)	6
KY_RS	06/18/2021	17	2.0605	2.4297	(0.3692)	0.0000	(0.3692)	6
KY_RS	06/18/2021	18	2.2327	2.0301	0.2026	0.2026	0.0000	6
KY_RS	06/18/2021	19	2.2737	1.4776	0.7961	0.7961	0.0000	6
KY_RS	06/18/2021	20	2.1938	0.3020	1.8918	1.8918	0.0000	6
KY_RS	06/18/2021	21	2.1048	0.0291	2.0758	2.0758	0.0000	6
KY_RS	06/18/2021	22	1.9165	0.0000	1.9165	1.9165	0.0000	6

KY_RS	06/18/2021	23	1.6401	0.0000	1.6401	1.6401	0.0000	6
KY_RS	06/18/2021	24	1.4409	0.0000	1.4409	1.4409	0.0000	6
KY_RS	06/19/2021	1	1.2414	0.0000	1.2414	1.2414	0.0000	6
KY_RS	06/19/2021	2	1.0936	0.0000	1.0936	1.0936	0.0000	6
KY_RS	06/19/2021	3	0.9842	0.0000	0.9842	0.9842	0.0000	6
KY_RS	06/19/2021	4	0.9169	0.0000	0.9169	0.9169	0.0000	6
KY_RS	06/19/2021	5	0.8659	0.0000	0.8659	0.8659	0.0000	6
KY_RS	06/19/2021	6	0.8292	0.0000	0.8292	0.8292	0.0000	6
KY_RS	06/19/2021	7	0.8283	0.0000	0.8283	0.8283	0.0000	6
KY_RS	06/19/2021	8	0.8615	0.1654	0.6961	0.6961	0.0000	6
KY_RS	06/19/2021	9	0.9373	0.3502	0.5871	0.5871	0.0000	6
KY_RS	06/19/2021	10	1.0147	0.0991	0.9155	0.9155	0.0000	6
KY_RS	06/19/2021	11	1.1675	0.3857	0.7818	0.7818	0.0000	6
KY_RS	06/19/2021	12	1.3636	1.8212	(0.4576)	0.0000	(0.4576)	6
KY_RS	06/19/2021	13	1.4789	3.2039	(1.7250)	0.0000	(1.7250)	6
KY_RS	06/19/2021	14	1.4694	1.3438	0.1257	0.1257	0.0000	6
KY_RS	06/19/2021	15	1.4506	0.5061	0.9445	0.9445	0.0000	6
KY_RS	06/19/2021	16	1.5688	1.4222	0.1466	0.1466	0.0000	6
KY_RS	06/19/2021	17	1.7159	1.9456	(0.2298)	0.0000	(0.2298)	6
KY_RS	06/19/2021	18	1.8672	1.1565	0.7106	0.7106	0.0000	6
KY_RS	06/19/2021	19	1.9290	1.7073	0.2217	0.2217	0.0000	6
KY_RS	06/19/2021	20	1.8982	0.5503	1.3479	1.3479	0.0000	6
KY_RS	06/19/2021	21	1.8120	0.1109	1.7010	1.7010	0.0000	6
KY_RS	06/19/2021	22	1.7360	0.0000	1.7360	1.7360	0.0000	6
KY_RS	06/19/2021	23	1.6573	0.0000	1.6573	1.6573	0.0000	6
KY_RS	06/19/2021	24	1.4990	0.0000	1.4990	1.4990	0.0000	6
KY_RS	06/20/2021	1	1.3283	0.0000	1.3283	1.3283	0.0000	6
KY_RS	06/20/2021	2	1.1895	0.0000	1.1895	1.1895	0.0000	6
KY_RS	06/20/2021	3	1.0935	0.0000	1.0935	1.0935	0.0000	6
KY_RS	06/20/2021	4	1.0248	0.0000	1.0248	1.0248	0.0000	6
KY_RS	06/20/2021	5	0.9695	0.0000	0.9695	0.9695	0.0000	6
KY_RS	06/20/2021	6	0.9352	0.0000	0.9352	0.9352	0.0000	6
KY_RS	06/20/2021	7	0.9365	0.0000	0.9365	0.9365	0.0000	6
KY_RS	06/20/2021	8	1.0515	0.0859	0.9656	0.9656	0.0000	6
KY_RS	06/20/2021	9	1.2702	0.0748	1.1953	1.1953	0.0000	6
KY_RS	06/20/2021	10	1.4378	0.0985	1.3393	1.3393	0.0000	6
KY_RS	06/20/2021	11	1.6917	0.5398	1.1518	1.1518	0.0000	6
KY_RS	06/20/2021	12	1.8791	0.2823	1.5968	1.5968	0.0000	6
KY_RS	06/20/2021	13	2.0204	0.4788	1.5416	1.5416	0.0000	6
KY_RS	06/20/2021	14	2.1093	2.2886	(0.1793)	0.0000	(0.1793)	6
KY_RS	06/20/2021	15	2.1877	2.9446	(0.7569)	0.0000	(0.7569)	6
KY_RS	06/20/2021	16	2.2683	3.1435	(0.8752)	0.0000	(0.8752)	6
KY_RS	06/20/2021	17	2.3586	2.5567	(0.1981)	0.0000	(0.1981)	6
KY_RS	06/20/2021	18	2.4150	1.7018	0.7132	0.7132	0.0000	6
KY_RS	06/20/2021	19	2.4161	0.9001	1.5160	1.5160	0.0000	6
KY_RS	06/20/2021	20	2.3708	0.4530	1.9179	1.9179	0.0000	6
KY_RS	06/20/2021	21	2.2953	0.0242	2.2711	2.2711	0.0000	6
KY_RS	06/20/2021	22	2.2142	0.0000	2.2142	2.2142	0.0000	6
KY_RS	06/20/2021	23	2.0561	0.0000	2.0561	2.0561	0.0000	6
KY_RS	06/20/2021	24	1.8112	0.0000	1.8112	1.8112	0.0000	6
KY_RS	06/21/2021	1	1.5859	0.0000	1.5859	1.5859	0.0000	6
KY_RS	06/21/2021	2	1.4209	0.0000	1.4209	1.4209	0.0000	6
KY_RS	06/21/2021	3	1.3174	0.0000	1.3174	1.3174	0.0000	6
KY_RS	06/21/2021	4	1.2486	0.0000	1.2486	1.2486	0.0000	6
KY_RS	06/21/2021	5	1.2149	0.0000	1.2149	1.2149	0.0000	6
KY_RS	06/21/2021	6	1.2086	0.0000	1.2086	1.2086	0.0000	6
KY_RS	06/21/2021	7	1.2297	0.0000	1.2297	1.2297	0.0000	6
KY_RS	06/21/2021	8	1.3044	0.2204	1.0840	1.0840	0.0000	6
KY_RS	06/21/2021	9	1.3671	1.4096	(0.0425)	0.0000	(0.0425)	6
KY_RS	06/21/2021	10	1.5304	2.5397	(1.0093)	0.0000	(1.0093)	6
KY_RS	06/21/2021	11	1.7066	3.4211	(1.7144)	0.0000	(1.7144)	6
KY_RS	06/21/2021	12	1.8528	4.0764	(2.2237)	0.0000	(2.2237)	6
KY_RS	06/21/2021	13	1.9175	4.4644	(2.5469)	0.0000	(2.5469)	6
KY_RS	06/21/2021	14	1.9057	4.6306	(2.7250)	0.0000	(2.7250)	6
KY_RS	06/21/2021	15	1.8421	2.2499	(0.4078)	0.0000	(0.4078)	6
KY_RS	06/21/2021	16	1.8097	0.4644	1.3453	1.3453	0.0000	6
KY_RS	06/21/2021	17	1.7850	0.3589	1.4260	1.4260	0.0000	6
KY_RS	06/21/2021	18	1.8049	0.7230	1.0820	1.0820	0.0000	6
KY_RS	06/21/2021	19	1.7661	0.5850	1.1811	1.1811	0.0000	6
KY_RS	06/21/2021	20	1.6708	0.5208	1.1500	1.1500	0.0000	6
KY_RS	06/21/2021	21	1.5786	0.0852	1.4934	1.4934	0.0000	6
KY_RS	06/21/2021	22	1.4909	0.0000	1.4909	1.4909	0.0000	6
KY_RS	06/21/2021	23	1.3397	0.0000	1.3397	1.3397	0.0000	6
KY_RS	06/21/2021	24	1.1522	0.0000	1.1522	1.1522	0.0000	6
KY_RS	06/22/2021	1	0.9925	0.0000	0.9925	0.9925	0.0000	6
KY_RS	06/22/2021	2	0.8787	0.0000	0.8787	0.8787	0.0000	6
KY_RS	06/22/2021	3	0.8028	0.0000	0.8028	0.8028	0.0000	6
KY_RS	06/22/2021	4	0.7484	0.0000	0.7484	0.7484	0.0000	6
KY_RS	06/22/2021	5	0.7193	0.0000	0.7193	0.7193	0.0000	6

KY_RS	06/22/2021	6	0.7207	0.0000	0.7207	0.7207	0.0000	6
KY_RS	06/22/2021	7	0.7612	0.0208	0.7403	0.7403	0.0000	6
KY_RS	06/22/2021	8	0.8177	0.0145	0.8031	0.8031	0.0000	6
KY_RS	06/22/2021	9	0.8677	0.3506	0.5171	0.5171	0.0000	6
KY_RS	06/22/2021	10	0.9179	0.7785	0.1394	0.1394	0.0000	6
KY_RS	06/22/2021	11	0.9617	1.3572	(0.3955)	0.0000	(0.3955)	6
KY_RS	06/22/2021	12	0.9911	2.1362	(1.1451)	0.0000	(1.1451)	6
KY_RS	06/22/2021	13	1.0169	2.2600	(1.2431)	0.0000	(1.2431)	6
KY_RS	06/22/2021	14	1.0279	2.1154	(1.0875)	0.0000	(1.0875)	6
KY_RS	06/22/2021	15	1.0551	2.2550	(1.1999)	0.0000	(1.1999)	6
KY_RS	06/22/2021	16	1.1231	3.2356	(2.1125)	0.0000	(2.1125)	6
KY_RS	06/22/2021	17	1.2353	3.8043	(2.5690)	0.0000	(2.5690)	6
KY_RS	06/22/2021	18	1.3616	2.9518	(1.5902)	0.0000	(1.5902)	6
KY_RS	06/22/2021	19	1.4201	1.4485	(0.0283)	0.0000	(0.0283)	6
KY_RS	06/22/2021	20	1.3958	0.5447	0.8510	0.8510	0.0000	6
KY_RS	06/22/2021	21	1.3132	0.0200	1.2932	1.2932	0.0000	6
KY_RS	06/22/2021	22	1.2443	0.0000	1.2443	1.2443	0.0000	6
KY_RS	06/22/2021	23	1.1325	0.0000	1.1325	1.1325	0.0000	6
KY_RS	06/22/2021	24	0.9516	0.0000	0.9516	0.9516	0.0000	6
KY_RS	06/23/2021	1	0.8002	0.0000	0.8002	0.8002	0.0000	6
KY_RS	06/23/2021	2	0.7009	0.0000	0.7009	0.7009	0.0000	6
KY_RS	06/23/2021	3	0.6438	0.0000	0.6438	0.6438	0.0000	6
KY_RS	06/23/2021	4	0.6131	0.0000	0.6131	0.6131	0.0000	6
KY_RS	06/23/2021	5	0.6061	0.0000	0.6061	0.6061	0.0000	6
KY_RS	06/23/2021	6	0.6289	0.0000	0.6289	0.6289	0.0000	6
KY_RS	06/23/2021	7	0.6865	0.0142	0.6723	0.6723	0.0000	6
KY_RS	06/23/2021	8	0.7436	0.3329	0.4107	0.4107	0.0000	6
KY_RS	06/23/2021	9	0.7709	1.4787	(0.7077)	0.0000	(0.7077)	6
KY_RS	06/23/2021	10	0.7968	2.7118	(1.9151)	0.0000	(1.9151)	6
KY_RS	06/23/2021	11	0.8477	0.8129	0.0348	0.0348	0.0000	6
KY_RS	06/23/2021	12	0.8999	0.6000	0.2999	0.2999	0.0000	6
KY_RS	06/23/2021	13	0.9552	1.9582	(1.0029)	0.0000	(1.0029)	6
KY_RS	06/23/2021	14	1.0061	4.8818	(3.8757)	0.0000	(3.8757)	6
KY_RS	06/23/2021	15	1.0855	3.2100	(2.1245)	0.0000	(2.1245)	6
KY_RS	06/23/2021	16	1.1817	2.8903	(1.7086)	0.0000	(1.7086)	6
KY_RS	06/23/2021	17	1.2821	3.8755	(2.5934)	0.0000	(2.5934)	6
KY_RS	06/23/2021	18	1.3847	2.2057	(0.8210)	0.0000	(0.8210)	6
KY_RS	06/23/2021	19	1.4931	1.5060	(0.0129)	0.0000	(0.0129)	6
KY_RS	06/23/2021	20	1.5042	0.6820	0.8222	0.8222	0.0000	6
KY_RS	06/23/2021	21	1.4402	0.0901	1.3500	1.3500	0.0000	6
KY_RS	06/23/2021	22	1.3654	0.0000	1.3654	1.3654	0.0000	6
KY_RS	06/23/2021	23	1.2516	0.0000	1.2516	1.2516	0.0000	6
KY_RS	06/23/2021	24	1.0640	0.0000	1.0640	1.0640	0.0000	6
KY_RS	06/24/2021	1	0.8940	0.0000	0.8940	0.8940	0.0000	6
KY_RS	06/24/2021	2	0.7762	0.0000	0.7762	0.7762	0.0000	6
KY_RS	06/24/2021	3	0.7027	0.0000	0.7027	0.7027	0.0000	6
KY_RS	06/24/2021	4	0.6615	0.0000	0.6615	0.6615	0.0000	6
KY_RS	06/24/2021	5	0.6442	0.0000	0.6442	0.6442	0.0000	6
KY_RS	06/24/2021	6	0.6612	0.0000	0.6612	0.6612	0.0000	6
KY_RS	06/24/2021	7	0.7158	0.0151	0.7007	0.7007	0.0000	6
KY_RS	06/24/2021	8	0.7893	0.2563	0.5329	0.5329	0.0000	6
KY_RS	06/24/2021	9	0.8523	0.7657	0.0866	0.0866	0.0000	6
KY_RS	06/24/2021	10	0.9368	0.3281	0.6087	0.6087	0.0000	6
KY_RS	06/24/2021	11	1.0517	0.5875	0.4642	0.4642	0.0000	6
KY_RS	06/24/2021	12	1.1939	0.2219	0.9720	0.9720	0.0000	6
KY_RS	06/24/2021	13	1.3467	1.7698	(0.4231)	0.0000	(0.4231)	6
KY_RS	06/24/2021	14	1.4902	1.8632	(0.3730)	0.0000	(0.3730)	6
KY_RS	06/24/2021	15	1.6195	2.7730	(1.1535)	0.0000	(1.1535)	6
KY_RS	06/24/2021	16	1.7357	1.0668	0.6688	0.6688	0.0000	6
KY_RS	06/24/2021	17	1.8404	2.4874	(0.6470)	0.0000	(0.6470)	6
KY_RS	06/24/2021	18	1.9323	1.9124	0.0199	0.0199	0.0000	6
KY_RS	06/24/2021	19	1.9511	1.9334	0.0176	0.0176	0.0000	6
KY_RS	06/24/2021	20	1.9144	0.6501	1.2643	1.2643	0.0000	6
KY_RS	06/24/2021	21	1.8437	0.0976	1.7462	1.7462	0.0000	6
KY_RS	06/24/2021	22	1.7791	0.0000	1.7791	1.7791	0.0000	6
KY_RS	06/24/2021	23	1.6529	0.0000	1.6529	1.6529	0.0000	6
KY_RS	06/24/2021	24	1.4466	0.0000	1.4466	1.4466	0.0000	6
KY_RS	06/25/2021	1	1.2639	0.0000	1.2639	1.2639	0.0000	6
KY_RS	06/25/2021	2	1.1398	0.0000	1.1398	1.1398	0.0000	6
KY_RS	06/25/2021	3	1.0366	0.0000	1.0366	1.0366	0.0000	6
KY_RS	06/25/2021	4	0.9649	0.0000	0.9649	0.9649	0.0000	6
KY_RS	06/25/2021	5	0.9339	0.0000	0.9339	0.9339	0.0000	6
KY_RS	06/25/2021	6	0.9390	0.0000	0.9390	0.9390	0.0000	6
KY_RS	06/25/2021	7	0.9736	0.0153	0.9582	0.9582	0.0000	6
KY_RS	06/25/2021	8	1.0434	0.3506	0.6928	0.6928	0.0000	6
KY_RS	06/25/2021	9	1.0934	1.4986	(0.4052)	0.0000	(0.4052)	6
KY_RS	06/25/2021	10	1.1570	2.7592	(1.6022)	0.0000	(1.6022)	6
KY_RS	06/25/2021	11	1.2291	2.5442	(1.3151)	0.0000	(1.3151)	6
KY_RS	06/25/2021	12	1.2787	3.6608	(2.3821)	0.0000	(2.3821)	6

KY_RS	06/25/2021	13	1.3712	3.7788	(2.4076)	0.0000	(2.4076)	6
KY_RS	06/25/2021	14	1.5125	3.6637	(2.1511)	0.0000	(2.1511)	6
KY_RS	06/25/2021	15	1.5927	3.5026	(1.9099)	0.0000	(1.9099)	6
KY_RS	06/25/2021	16	1.6857	3.3366	(1.6510)	0.0000	(1.6510)	6
KY_RS	06/25/2021	17	1.8365	2.8639	(1.0274)	0.0000	(1.0274)	6
KY_RS	06/25/2021	18	1.9205	2.5589	(0.6385)	0.0000	(0.6385)	6
KY_RS	06/25/2021	19	1.9628	1.6043	0.3585	0.0000	0.3585	6
KY_RS	06/25/2021	20	1.9090	0.6536	1.2554	1.2554	0.0000	6
KY_RS	06/25/2021	21	1.8389	0.0953	1.7436	1.7436	0.0000	6
KY_RS	06/25/2021	22	1.7784	0.0000	1.7784	1.7784	0.0000	6
KY_RS	06/25/2021	23	1.6954	0.0000	1.6954	1.6954	0.0000	6
KY_RS	06/25/2021	24	1.5472	0.0000	1.5472	1.5472	0.0000	6
KY_RS	06/26/2021	1	1.3780	0.0000	1.3780	1.3780	0.0000	6
KY_RS	06/26/2021	2	1.2270	0.0000	1.2270	1.2270	0.0000	6
KY_RS	06/26/2021	3	1.1081	0.0000	1.1081	1.1081	0.0000	6
KY_RS	06/26/2021	4	1.0234	0.0000	1.0234	1.0234	0.0000	6
KY_RS	06/26/2021	5	0.9673	0.0000	0.9673	0.9673	0.0000	6
KY_RS	06/26/2021	6	0.9392	0.0000	0.9392	0.9392	0.0000	6
KY_RS	06/26/2021	7	0.9465	0.0000	0.9465	0.9465	0.0000	6
KY_RS	06/26/2021	8	1.0362	0.0154	1.0208	1.0208	0.0000	6
KY_RS	06/26/2021	9	1.1706	0.3204	0.8501	0.8501	0.0000	6
KY_RS	06/26/2021	10	1.3924	0.4117	0.9806	0.9806	0.0000	6
KY_RS	06/26/2021	11	1.5977	1.3674	0.2303	0.2303	0.0000	6
KY_RS	06/26/2021	12	1.7560	1.7847	(0.0287)	0.0000	(0.0287)	6
KY_RS	06/26/2021	13	1.8671	2.2812	(0.4141)	0.0000	(0.4141)	6
KY_RS	06/26/2021	14	1.9703	2.4721	(0.5018)	0.0000	(0.5018)	6
KY_RS	06/26/2021	15	2.0390	2.2132	(0.1742)	0.0000	(0.1742)	6
KY_RS	06/26/2021	16	2.1211	3.9189	(1.7978)	0.0000	(1.7978)	6
KY_RS	06/26/2021	17	2.2010	2.9957	(0.7948)	0.0000	(0.7948)	6
KY_RS	06/26/2021	18	2.2630	2.3384	(0.0754)	0.0000	(0.0754)	6
KY_RS	06/26/2021	19	2.2677	1.4987	0.7690	0.7690	0.0000	6
KY_RS	06/26/2021	20	2.1957	0.6474	1.5482	1.5482	0.0000	6
KY_RS	06/26/2021	21	2.0646	0.1200	1.9446	1.9446	0.0000	6
KY_RS	06/26/2021	22	1.9571	0.0000	1.9571	1.9571	0.0000	6
KY_RS	06/26/2021	23	1.8334	0.0000	1.8334	1.8334	0.0000	6
KY_RS	06/26/2021	24	1.6479	0.0000	1.6479	1.6479	0.0000	6
KY_RS	06/27/2021	1	1.4450	0.0000	1.4450	1.4450	0.0000	6
KY_RS	06/27/2021	2	1.3059	0.0000	1.3059	1.3059	0.0000	6
KY_RS	06/27/2021	3	1.1881	0.0000	1.1881	1.1881	0.0000	6
KY_RS	06/27/2021	4	1.1074	0.0000	1.1074	1.1074	0.0000	6
KY_RS	06/27/2021	5	1.0436	0.0000	1.0436	1.0436	0.0000	6
KY_RS	06/27/2021	6	0.9983	0.0000	0.9983	0.9983	0.0000	6
KY_RS	06/27/2021	7	0.9819	0.0188	0.9630	0.9630	0.0000	6
KY_RS	06/27/2021	8	1.0833	0.3781	0.7052	0.7052	0.0000	6
KY_RS	06/27/2021	9	1.3128	1.0081	0.3047	0.3047	0.0000	6
KY_RS	06/27/2021	10	1.5613	1.6799	(0.1186)	0.0000	(0.1186)	6
KY_RS	06/27/2021	11	1.7837	0.5242	1.2594	1.2594	0.0000	6
KY_RS	06/27/2021	12	1.9590	2.4970	(0.5380)	0.0000	(0.5380)	6
KY_RS	06/27/2021	13	2.0871	3.4057	(1.3186)	0.0000	(1.3186)	6
KY_RS	06/27/2021	14	2.1943	4.1658	(1.9715)	0.0000	(1.9715)	6
KY_RS	06/27/2021	15	2.2910	3.7914	(1.5004)	0.0000	(1.5004)	6
KY_RS	06/27/2021	16	2.3888	2.0643	0.3245	0.3245	0.0000	6
KY_RS	06/27/2021	17	2.4594	1.7757	0.6838	0.6838	0.0000	6
KY_RS	06/27/2021	18	2.5399	1.9489	0.5910	0.5910	0.0000	6
KY_RS	06/27/2021	19	2.5684	1.4887	1.0797	1.0797	0.0000	6
KY_RS	06/27/2021	20	2.5426	0.6197	1.9229	1.9229	0.0000	6
KY_RS	06/27/2021	21	2.4529	0.1107	2.3422	2.3422	0.0000	6
KY_RS	06/27/2021	22	2.3279	0.0000	2.3279	2.3279	0.0000	6
KY_RS	06/27/2021	23	2.1602	0.0000	2.1602	2.1602	0.0000	6
KY_RS	06/27/2021	24	1.8983	0.0000	1.8983	1.8983	0.0000	6
KY_RS	06/28/2021	1	1.6585	0.0000	1.6585	1.6585	0.0000	6
KY_RS	06/28/2021	2	1.4665	0.0000	1.4665	1.4665	0.0000	6
KY_RS	06/28/2021	3	1.3257	0.0000	1.3257	1.3257	0.0000	6
KY_RS	06/28/2021	4	1.2213	0.0000	1.2213	1.2213	0.0000	6
KY_RS	06/28/2021	5	1.1475	0.0000	1.1475	1.1475	0.0000	6
KY_RS	06/28/2021	6	1.1174	0.0000	1.1174	1.1174	0.0000	6
KY_RS	06/28/2021	7	1.1362	0.0000	1.1362	1.1362	0.0000	6
KY_RS	06/28/2021	8	1.2353	0.3422	0.8931	0.8931	0.0000	6
KY_RS	06/28/2021	9	1.3945	1.0477	0.3468	0.3468	0.0000	6
KY_RS	06/28/2021	10	1.6004	2.1338	(0.5334)	0.0000	(0.5334)	6
KY_RS	06/28/2021	11	1.8170	3.5285	(1.7115)	0.0000	(1.7115)	6
KY_RS	06/28/2021	12	2.0012	4.2568	(2.2556)	0.0000	(2.2556)	6
KY_RS	06/28/2021	13	2.1199	4.0435	(1.9236)	0.0000	(1.9236)	6
KY_RS	06/28/2021	14	2.1262	4.3854	(2.2593)	0.0000	(2.2593)	6
KY_RS	06/28/2021	15	2.1094	4.0625	(1.9532)	0.0000	(1.9532)	6
KY_RS	06/28/2021	16	2.2662	3.9030	(1.6368)	0.0000	(1.6368)	6
KY_RS	06/28/2021	17	2.4448	3.9496	(1.5048)	0.0000	(1.5048)	6
KY_RS	06/28/2021	18	2.5929	3.1200	(0.5272)	0.0000	(0.5272)	6
KY_RS	06/28/2021	19	2.6607	1.9795	0.6812	0.6812	0.0000	6

KY_RS	06/28/2021	20	2.6370	0.6988	1.9382	1.9382	0.0000	6
KY_RS	06/28/2021	21	2.5271	0.0805	2.4466	2.4466	0.0000	6
KY_RS	06/28/2021	22	2.4009	0.0000	2.4009	2.4009	0.0000	6
KY_RS	06/28/2021	23	2.2256	0.0000	2.2256	2.2256	0.0000	6
KY_RS	06/28/2021	24	1.9742	0.0000	1.9742	1.9742	0.0000	6
KY_RS	06/29/2021	1	1.7462	0.0000	1.7462	1.7462	0.0000	6
KY_RS	06/29/2021	2	1.5638	0.0000	1.5638	1.5638	0.0000	6
KY_RS	06/29/2021	3	1.4209	0.0000	1.4209	1.4209	0.0000	6
KY_RS	06/29/2021	4	1.3141	0.0000	1.3141	1.3141	0.0000	6
KY_RS	06/29/2021	5	1.2436	0.0000	1.2436	1.2436	0.0000	6
KY_RS	06/29/2021	6	1.2098	0.0000	1.2098	1.2098	0.0000	6
KY_RS	06/29/2021	7	1.2210	0.0120	1.2089	1.2089	0.0000	6
KY_RS	06/29/2021	8	1.3217	0.3114	1.0103	1.0103	0.0000	6
KY_RS	06/29/2021	9	1.4872	1.5479	(0.0607)	0.0000	(0.0607)	6
KY_RS	06/29/2021	10	1.6972	2.8522	(1.1550)	0.0000	(1.1550)	6
KY_RS	06/29/2021	11	1.9102	3.7656	(1.8554)	0.0000	(1.8554)	6
KY_RS	06/29/2021	12	2.0970	4.4199	(2.3229)	0.0000	(2.3229)	6
KY_RS	06/29/2021	13	2.2421	4.8093	(2.5672)	0.0000	(2.5672)	6
KY_RS	06/29/2021	14	2.3500	4.9435	(2.5935)	0.0000	(2.5935)	6
KY_RS	06/29/2021	15	2.4371	4.8552	(2.4182)	0.0000	(2.4182)	6
KY_RS	06/29/2021	16	2.5416	4.4977	(1.9561)	0.0000	(1.9561)	6
KY_RS	06/29/2021	17	2.6604	3.9175	(1.2572)	0.0000	(1.2572)	6
KY_RS	06/29/2021	18	2.7481	3.0869	(0.3388)	0.0000	(0.3388)	6
KY_RS	06/29/2021	19	2.6155	1.9479	0.6676	0.6676	0.0000	6
KY_RS	06/29/2021	20	2.4453	0.6985	1.7468	1.7468	0.0000	6
KY_RS	06/29/2021	21	2.3402	0.0941	2.2461	2.2461	0.0000	6
KY_RS	06/29/2021	22	2.2349	0.0000	2.2349	2.2349	0.0000	6
KY_RS	06/29/2021	23	2.0689	0.0000	2.0689	2.0689	0.0000	6
KY_RS	06/29/2021	24	1.8454	0.0000	1.8454	1.8454	0.0000	6
KY_RS	06/30/2021	1	1.6554	0.0000	1.6554	1.6554	0.0000	6
KY_RS	06/30/2021	2	1.4939	0.0000	1.4939	1.4939	0.0000	6
KY_RS	06/30/2021	3	1.3713	0.0000	1.3713	1.3713	0.0000	6
KY_RS	06/30/2021	4	1.2772	0.0000	1.2772	1.2772	0.0000	6
KY_RS	06/30/2021	5	1.2148	0.0000	1.2148	1.2148	0.0000	6
KY_RS	06/30/2021	6	1.1943	0.0000	1.1943	1.1943	0.0000	6
KY_RS	06/30/2021	7	1.2122	0.0080	1.2042	1.2042	0.0000	6
KY_RS	06/30/2021	8	1.2696	0.3337	0.9359	0.9359	0.0000	6
KY_RS	06/30/2021	9	1.4014	1.4588	(0.0574)	0.0000	(0.0574)	6
KY_RS	06/30/2021	10	1.4310	2.6738	(1.2428)	0.0000	(1.2428)	6
KY_RS	06/30/2021	11	1.4584	3.5535	(2.0952)	0.0000	(2.0952)	6
KY_RS	06/30/2021	12	1.5840	4.1780	(2.5941)	0.0000	(2.5941)	6
KY_RS	06/30/2021	13	1.7538	4.5513	(2.7976)	0.0000	(2.7976)	6
KY_RS	06/30/2021	14	1.8662	4.6748	(2.8087)	0.0000	(2.8087)	6
KY_RS	06/30/2021	15	2.0119	4.5838	(2.5719)	0.0000	(2.5719)	6
KY_RS	06/30/2021	16	2.1189	4.2663	(2.1473)	0.0000	(2.1473)	6
KY_RS	06/30/2021	17	2.2135	3.7219	(1.5083)	0.0000	(1.5083)	6
KY_RS	06/30/2021	18	2.2630	2.9230	(0.6599)	0.0000	(0.6599)	6
KY_RS	06/30/2021	19	2.2635	1.8618	0.4016	0.4016	0.0000	6
KY_RS	06/30/2021	20	2.1431	0.6959	1.4471	1.4471	0.0000	6
KY_RS	06/30/2021	21	2.0273	0.1157	1.9116	1.9116	0.0000	6
KY_RS	06/30/2021	22	1.9423	0.0000	1.9423	1.9423	0.0000	6
KY_RS	06/30/2021	23	1.7398	0.0000	1.7398	1.7398	0.0000	6
KY_RS	06/30/2021	24	1.5060	0.0000	1.5060	1.5060	0.0000	6
KY_RS	07/01/2021	1	1.3066	0.0000	1.3066	1.3066	0.0000	7
KY_RS	07/01/2021	2	1.1626	0.0000	1.1626	1.1626	0.0000	7
KY_RS	07/01/2021	3	1.0632	0.0000	1.0632	1.0632	0.0000	7
KY_RS	07/01/2021	4	1.0011	0.0000	1.0011	1.0011	0.0000	7
KY_RS	07/01/2021	5	0.9689	0.0000	0.9689	0.9689	0.0000	7
KY_RS	07/01/2021	6	0.9753	0.0000	0.9753	0.9753	0.0000	7
KY_RS	07/01/2021	7	1.0134	0.0000	1.0134	1.0134	0.0000	7
KY_RS	07/01/2021	8	1.0615	0.4158	0.6456	0.6456	0.0000	7
KY_RS	07/01/2021	9	1.0985	1.3777	(0.2792)	0.0000	(0.2792)	7
KY_RS	07/01/2021	10	1.1256	2.5159	(1.3903)	0.0000	(1.3903)	7
KY_RS	07/01/2021	11	1.1641	3.0017	(1.8376)	0.0000	(1.8376)	7
KY_RS	07/01/2021	12	1.2007	4.0720	(2.8713)	0.0000	(2.8713)	7
KY_RS	07/01/2021	13	1.2317	4.4472	(3.2155)	0.0000	(3.2155)	7
KY_RS	07/01/2021	14	1.2519	4.6106	(3.3587)	0.0000	(3.3587)	7
KY_RS	07/01/2021	15	1.2569	4.4933	(3.2364)	0.0000	(3.2364)	7
KY_RS	07/01/2021	16	1.2800	4.1841	(2.9040)	0.0000	(2.9040)	7
KY_RS	07/01/2021	17	1.3932	3.6256	(2.2324)	0.0000	(2.2324)	7
KY_RS	07/01/2021	18	1.6073	2.8403	(1.2330)	0.0000	(1.2330)	7
KY_RS	07/01/2021	19	1.7443	1.8021	(0.0579)	0.0000	(0.0579)	7
KY_RS	07/01/2021	20	1.7560	0.6041	1.1519	1.1519	0.0000	7
KY_RS	07/01/2021	21	1.6942	0.1097	1.5846	1.5846	0.0000	7
KY_RS	07/01/2021	22	1.6031	0.0000	1.6031	1.6031	0.0000	7
KY_RS	07/01/2021	23	1.4686	0.0000	1.4686	1.4686	0.0000	7
KY_RS	07/01/2021	24	1.2688	0.0000	1.2688	1.2688	0.0000	7
KY_RS	07/02/2021	1	1.0800	0.0000	1.0800	1.0800	0.0000	7
KY_RS	07/02/2021	2	0.9471	0.0000	0.9471	0.9471	0.0000	7

KY_RS	07/02/2021	3	0.8570	0.0000	0.8570	0.8570	0.0000	7
KY_RS	07/02/2021	4	0.7985	0.0000	0.7985	0.7985	0.0000	7
KY_RS	07/02/2021	5	0.7695	0.0000	0.7695	0.7695	0.0000	7
KY_RS	07/02/2021	6	0.7725	0.0000	0.7725	0.7725	0.0000	7
KY_RS	07/02/2021	7	0.8123	0.0000	0.8123	0.8123	0.0000	7
KY_RS	07/02/2021	8	0.8866	0.3491	0.5375	0.5375	0.0000	7
KY_RS	07/02/2021	9	0.9439	1.3111	(0.3672)	0.0000	(0.3672)	7
KY_RS	07/02/2021	10	1.0391	2.2823	(1.2432)	0.0000	(1.2432)	7
KY_RS	07/02/2021	11	1.1524	3.0563	(1.9038)	0.0000	(1.9038)	7
KY_RS	07/02/2021	12	1.2437	3.5028	(2.2590)	0.0000	(2.2590)	7
KY_RS	07/02/2021	13	1.3107	4.4179	(3.1071)	0.0000	(3.1071)	7
KY_RS	07/02/2021	14	1.3446	4.5572	(3.2127)	0.0000	(3.2127)	7
KY_RS	07/02/2021	15	1.3948	4.4316	(3.0369)	0.0000	(3.0369)	7
KY_RS	07/02/2021	16	1.4740	2.8958	(1.4218)	0.0000	(1.4218)	7
KY_RS	07/02/2021	17	1.5603	2.4750	(0.9148)	0.0000	(0.9148)	7
KY_RS	07/02/2021	18	1.6077	2.7590	(1.1513)	0.0000	(1.1513)	7
KY_RS	07/02/2021	19	1.6035	1.7661	(0.1627)	0.0000	(0.1627)	7
KY_RS	07/02/2021	20	1.5707	0.7253	0.8454	0.8454	0.0000	7
KY_RS	07/02/2021	21	1.4443	0.1095	1.3348	1.3348	0.0000	7
KY_RS	07/02/2021	22	1.3492	0.0000	1.3492	1.3492	0.0000	7
KY_RS	07/02/2021	23	1.2569	0.0000	1.2569	1.2569	0.0000	7
KY_RS	07/02/2021	24	1.1160	0.0000	1.1160	1.1160	0.0000	7
KY_RS	07/03/2021	1	0.9615	0.0000	0.9615	0.9615	0.0000	7
KY_RS	07/03/2021	2	0.8394	0.0000	0.8394	0.8394	0.0000	7
KY_RS	07/03/2021	3	0.7570	0.0000	0.7570	0.7570	0.0000	7
KY_RS	07/03/2021	4	0.7061	0.0000	0.7061	0.7061	0.0000	7
KY_RS	07/03/2021	5	0.6735	0.0000	0.6735	0.6735	0.0000	7
KY_RS	07/03/2021	6	0.6605	0.0000	0.6605	0.6605	0.0000	7
KY_RS	07/03/2021	7	0.6753	0.0000	0.6753	0.6753	0.0000	7
KY_RS	07/03/2021	8	0.7414	0.2449	0.4965	0.4965	0.0000	7
KY_RS	07/03/2021	9	0.8593	0.6798	0.1795	0.1795	0.0000	7
KY_RS	07/03/2021	10	0.9907	1.0867	(0.0960)	0.0000	(0.0960)	7
KY_RS	07/03/2021	11	1.1200	3.1576	(2.0376)	0.0000	(2.0376)	7
KY_RS	07/03/2021	12	1.2414	3.8421	(2.6007)	0.0000	(2.6007)	7
KY_RS	07/03/2021	13	1.3429	4.3130	(2.9701)	0.0000	(2.9701)	7
KY_RS	07/03/2021	14	1.4302	4.5061	(3.0759)	0.0000	(3.0759)	7
KY_RS	07/03/2021	15	1.5222	4.4005	(2.8783)	0.0000	(2.8783)	7
KY_RS	07/03/2021	16	1.6243	4.1294	(2.5051)	0.0000	(2.5051)	7
KY_RS	07/03/2021	17	1.7212	3.5885	(1.8673)	0.0000	(1.8673)	7
KY_RS	07/03/2021	18	1.7908	2.8079	(1.0171)	0.0000	(1.0171)	7
KY_RS	07/03/2021	19	1.7890	1.8027	(0.0137)	0.0000	(0.0137)	7
KY_RS	07/03/2021	20	1.7086	0.9731	0.9775	0.9775	0.0000	7
KY_RS	07/03/2021	21	1.5696	0.1132	1.4564	1.4564	0.0000	7
KY_RS	07/03/2021	22	1.4582	0.0000	1.4582	1.4582	0.0000	7
KY_RS	07/03/2021	23	1.3690	0.0000	1.3690	1.3690	0.0000	7
KY_RS	07/03/2021	24	1.2705	0.0000	1.2705	1.2705	0.0000	7
KY_RS	07/04/2021	1	1.1187	0.0000	1.1187	1.1187	0.0000	7
KY_RS	07/04/2021	2	0.9790	0.0000	0.9790	0.9790	0.0000	7
KY_RS	07/04/2021	3	0.8895	0.0000	0.8895	0.8895	0.0000	7
KY_RS	07/04/2021	4	0.8359	0.0000	0.8359	0.8359	0.0000	7
KY_RS	07/04/2021	5	0.8024	0.0000	0.8024	0.8024	0.0000	7
KY_RS	07/04/2021	6	0.7848	0.0000	0.7848	0.7848	0.0000	7
KY_RS	07/04/2021	7	0.7872	0.0000	0.7872	0.7872	0.0000	7
KY_RS	07/04/2021	8	0.8578	0.3263	0.5316	0.5316	0.0000	7
KY_RS	07/04/2021	9	1.0342	1.1956	(0.1613)	0.0000	(0.1613)	7
KY_RS	07/04/2021	10	1.2574	1.5045	(0.2471)	0.0000	(0.2471)	7
KY_RS	07/04/2021	11	1.4755	0.4386	1.0369	1.0369	0.0000	7
KY_RS	07/04/2021	12	1.6856	2.2059	(0.5204)	0.0000	(0.5204)	7
KY_RS	07/04/2021	13	1.8690	3.9172	(2.0482)	0.0000	(2.0482)	7
KY_RS	07/04/2021	14	2.0169	3.1327	(1.1158)	0.0000	(1.1158)	7
KY_RS	07/04/2021	15	2.1399	3.0669	(0.9270)	0.0000	(0.9270)	7
KY_RS	07/04/2021	16	2.2314	3.3328	(1.1014)	0.0000	(1.1014)	7
KY_RS	07/04/2021	17	2.2994	0.2630	2.0364	2.0364	0.0000	7
KY_RS	07/04/2021	18	2.3361	0.4905	1.8456	1.8456	0.0000	7
KY_RS	07/04/2021	19	2.3273	0.2820	2.0453	2.0453	0.0000	7
KY_RS	07/04/2021	20	2.2539	0.5542	1.6997	1.6997	0.0000	7
KY_RS	07/04/2021	21	2.1429	0.0980	2.0450	2.0450	0.0000	7
KY_RS	07/04/2021	22	2.0210	0.0000	2.0210	2.0210	0.0000	7
KY_RS	07/04/2021	23	1.9073	0.0000	1.9073	1.9073	0.0000	7
KY_RS	07/04/2021	24	1.7888	0.0000	1.7888	1.7888	0.0000	7
KY_RS	07/05/2021	1	1.5940	0.0000	1.5940	1.5940	0.0000	7
KY_RS	07/05/2021	2	1.4093	0.0000	1.4093	1.4093	0.0000	7
KY_RS	07/05/2021	3	1.2649	0.0000	1.2649	1.2649	0.0000	7
KY_RS	07/05/2021	4	1.1605	0.0000	1.1605	1.1605	0.0000	7
KY_RS	07/05/2021	5	1.0828	0.0000	1.0828	1.0828	0.0000	7
KY_RS	07/05/2021	6	1.0307	0.0000	1.0307	1.0307	0.0000	7
KY_RS	07/05/2021	7	1.0062	0.0000	1.0062	1.0062	0.0000	7
KY_RS	07/05/2021	8	1.0623	0.0347	1.0275	1.0275	0.0000	7
KY_RS	07/05/2021	9	1.2406	0.8147	0.4259	0.4259	0.0000	7

KY_RS	07/05/2021	10	1.4949	1.0390	0.4559	0.4559	0.0000			7
KY_RS	07/05/2021	11	1.7538	0.9427	0.8111	0.8111	0.0000			7
KY_RS	07/05/2021	12	1.9787	0.9333	1.0454	1.0454	0.0000			7
KY_RS	07/05/2021	13	2.1463	1.3168	0.8295	0.8295	0.0000			7
KY_RS	07/05/2021	14	2.2575	1.4440	0.8134	0.8134	0.0000			7
KY_RS	07/05/2021	15	2.3531	2.4329	(0.0798)	0.0000	(0.0798)			7
KY_RS	07/05/2021	16	2.4537	2.3217	0.1320	0.1320	0.0000			7
KY_RS	07/05/2021	17	2.5493	3.8446	(1.2953)	0.0000	(1.2953)			7
KY_RS	07/05/2021	18	2.6446	3.0485	(0.4039)	0.0000	(0.4039)			7
KY_RS	07/05/2021	19	2.6654	1.9656	0.6998	0.6998	0.0000			7
KY_RS	07/05/2021	20	2.6105	0.7336	1.8768	1.8768	0.0000			7
KY_RS	07/05/2021	21	2.5018	0.0956	2.4062	2.4062	0.0000			7
KY_RS	07/05/2021	22	2.3741	0.0000	2.3741	2.3741	0.0000			7
KY_RS	07/05/2021	23	2.1911	0.0000	2.1911	2.1911	0.0000			7
KY_RS	07/05/2021	24	1.9315	0.0000	1.9315	1.9315	0.0000			7
KY_RS	07/06/2021	1	1.6939	0.0000	1.6939	1.6939	0.0000			7
KY_RS	07/06/2021	2	1.5064	0.0000	1.5064	1.5064	0.0000			7
KY_RS	07/06/2021	3	1.3655	0.0000	1.3655	1.3655	0.0000			7
KY_RS	07/06/2021	4	1.2672	0.0000	1.2672	1.2672	0.0000			7
KY_RS	07/06/2021	5	1.1959	0.0000	1.1959	1.1959	0.0000			7
KY_RS	07/06/2021	6	1.1648	0.0000	1.1648	1.1648	0.0000			7
KY_RS	07/06/2021	7	1.1714	0.0017	1.1696	1.1696	0.0000			7
KY_RS	07/06/2021	8	1.2333	0.3139	0.9194	0.9194	0.0000			7
KY_RS	07/06/2021	9	1.3646	1.4601	(0.0955)	0.0000	(0.0955)			7
KY_RS	07/06/2021	10	1.5575	2.7552	(1.1977)	0.0000	(1.1977)			7
KY_RS	07/06/2021	11	1.7701	3.7178	(1.9477)	0.0000	(1.9477)			7
KY_RS	07/06/2021	12	1.9593	4.3749	(2.4157)	0.0000	(2.4157)			7
KY_RS	07/06/2021	13	2.1015	4.7814	(2.6799)	0.0000	(2.6799)			7
KY_RS	07/06/2021	14	2.2179	3.5477	(1.3298)	0.0000	(1.3298)			7
KY_RS	07/06/2021	15	2.3164	3.8457	(1.5293)	0.0000	(1.5293)			7
KY_RS	07/06/2021	16	2.4190	1.6642	0.7548	0.7548	0.0000			7
KY_RS	07/06/2021	17	2.5217	3.8729	(1.3512)	0.0000	(1.3512)			7
KY_RS	07/06/2021	18	2.6464	2.2111	0.4353	0.4353	2.6464	0.4353		7
KY_RS	07/06/2021	19	2.6748	1.9252	0.7496	0.7496	0.0000			7
KY_RS	07/06/2021	20	2.5288	0.7388	1.7900	1.7900	0.0000			7
KY_RS	07/06/2021	21	2.3523	0.1004	2.2518	2.2518	0.0000			7
KY_RS	07/06/2021	22	2.2625	0.0000	2.2625	2.2625	0.0000			7
KY_RS	07/06/2021	23	2.1013	0.0000	2.1013	2.1013	0.0000			7
KY_RS	07/06/2021	24	1.8599	0.0000	1.8599	1.8599	0.0000			7
KY_RS	07/07/2021	1	1.6323	0.0000	1.6323	1.6323	0.0000			7
KY_RS	07/07/2021	2	1.4500	0.0000	1.4500	1.4500	0.0000			7
KY_RS	07/07/2021	3	1.3137	0.0000	1.3137	1.3137	0.0000			7
KY_RS	07/07/2021	4	1.2145	0.0000	1.2145	1.2145	0.0000			7
KY_RS	07/07/2021	5	1.1430	0.0000	1.1430	1.1430	0.0000			7
KY_RS	07/07/2021	6	1.1113	0.0000	1.1113	1.1113	0.0000			7
KY_RS	07/07/2021	7	1.1257	0.0000	1.1257	1.1257	0.0000			7
KY_RS	07/07/2021	8	1.1865	0.3195	0.8670	0.8670	0.0000			7
KY_RS	07/07/2021	9	1.2435	1.4301	(0.1866)	0.0000	(0.1866)			7
KY_RS	07/07/2021	10	1.3172	2.6948	(1.3776)	0.0000	(1.3776)			7
KY_RS	07/07/2021	11	1.5303	3.6376	(2.1073)	0.0000	(2.1073)			7
KY_RS	07/07/2021	12	1.7666	4.3002	(2.5336)	0.0000	(2.5336)			7
KY_RS	07/07/2021	13	1.9671	4.6887	(2.7216)	0.0000	(2.7216)			7
KY_RS	07/07/2021	14	2.0933	4.8572	(2.7639)	0.0000	(2.7639)			7
KY_RS	07/07/2021	15	2.1984	4.7161	(2.5177)	0.0000	(2.5177)			7
KY_RS	07/07/2021	16	2.3145	4.3794	(2.0649)	0.0000	(2.0649)			7
KY_RS	07/07/2021	17	2.3914	3.8082	(1.4168)	0.0000	(1.4168)			7
KY_RS	07/07/2021	18	2.4092	2.9596	(0.5504)	0.0000	(0.5504)			7
KY_RS	07/07/2021	19	2.2603	1.8754	0.3850	0.3850	0.0000			7
KY_RS	07/07/2021	20	2.1941	0.7350	1.4591	1.4591	0.0000			7
KY_RS	07/07/2021	21	2.0932	0.1043	1.9890	1.9890	0.0000			7
KY_RS	07/07/2021	22	2.0058	0.0000	2.0058	2.0058	0.0000			7
KY_RS	07/07/2021	23	1.8466	0.0000	1.8466	1.8466	0.0000			7
KY_RS	07/07/2021	24	1.6259	0.0000	1.6259	1.6259	0.0000			7
KY_RS	07/08/2021	1	1.4272	0.0000	1.4272	1.4272	0.0000			7
KY_RS	07/08/2021	2	1.2806	0.0000	1.2806	1.2806	0.0000			7
KY_RS	07/08/2021	3	1.1732	0.0000	1.1732	1.1732	0.0000			7
KY_RS	07/08/2021	4	1.0978	0.0000	1.0978	1.0978	0.0000			7
KY_RS	07/08/2021	5	1.0477	0.0000	1.0477	1.0477	0.0000			7
KY_RS	07/08/2021	6	1.0377	0.0000	1.0377	1.0377	0.0000			7
KY_RS	07/08/2021	7	1.0769	0.0000	1.0769	1.0769	0.0000			7
KY_RS	07/08/2021	8	1.1319	0.3688	0.7631	0.7631	0.0000			7
KY_RS	07/08/2021	9	1.1617	1.3828	(0.2211)	0.0000	(0.2211)			7
KY_RS	07/08/2021	10	1.2061	2.5524	(1.3463)	0.0000	(1.3463)			7
KY_RS	07/08/2021	11	1.2779	3.4662	(2.1883)	0.0000	(2.1883)			7
KY_RS	07/08/2021	12	1.3665	4.0910	(2.7245)	0.0000	(2.7245)			7
KY_RS	07/08/2021	13	1.5017	4.5069	(3.0052)	0.0000	(3.0052)			7
KY_RS	07/08/2021	14	1.6638	4.6277	(2.9639)	0.0000	(2.9639)			7
KY_RS	07/08/2021	15	1.6713	4.4707	(2.7995)	0.0000	(2.7995)			7
KY_RS	07/08/2021	16	1.7116	4.1358	(2.4242)	0.0000	(2.4242)			7

KY_RS	07/08/2021	17	1.8944	3.5827	(1.6883)	0.0000	(1.6883)	7
KY_RS	07/08/2021	18	2.0435	1.9090	0.1345	0.1345	0.0000	7
KY_RS	07/08/2021	19	2.0314	1.7872	0.2442	0.2442	0.0000	7
KY_RS	07/08/2021	20	1.9336	0.7346	1.1990	1.1990	0.0000	7
KY_RS	07/08/2021	21	1.8259	0.0909	1.7350	1.7350	0.0000	7
KY_RS	07/08/2021	22	1.7495	0.0000	1.7495	1.7495	0.0000	7
KY_RS	07/08/2021	23	1.6215	0.0000	1.6215	1.6215	0.0000	7
KY_RS	07/08/2021	24	1.4233	0.0000	1.4233	1.4233	0.0000	7
KY_RS	07/09/2021	1	1.2342	0.0000	1.2342	1.2342	0.0000	7
KY_RS	07/09/2021	2	1.0988	0.0000	1.0988	1.0988	0.0000	7
KY_RS	07/09/2021	3	1.0265	0.0000	1.0265	1.0265	0.0000	7
KY_RS	07/09/2021	4	0.9788	0.0000	0.9788	0.9788	0.0000	7
KY_RS	07/09/2021	5	0.9470	0.0000	0.9470	0.9470	0.0000	7
KY_RS	07/09/2021	6	0.9375	0.0000	0.9375	0.9375	0.0000	7
KY_RS	07/09/2021	7	0.9555	0.0000	0.9555	0.9555	0.0000	7
KY_RS	07/09/2021	8	0.9904	0.0350	0.9555	0.9555	0.0000	7
KY_RS	07/09/2021	9	1.0646	0.6101	0.4545	0.4545	0.0000	7
KY_RS	07/09/2021	10	1.1777	1.6184	(0.4407)	0.0000	(0.4407)	7
KY_RS	07/09/2021	11	1.2710	2.2451	(0.9741)	0.0000	(0.9741)	7
KY_RS	07/09/2021	12	1.3518	1.8962	(0.5444)	0.0000	(0.5444)	7
KY_RS	07/09/2021	13	1.4279	4.4469	(3.0190)	0.0000	(3.0190)	7
KY_RS	07/09/2021	14	1.4888	4.6079	(3.1191)	0.0000	(3.1191)	7
KY_RS	07/09/2021	15	1.5723	4.5921	(3.0198)	0.0000	(3.0198)	7
KY_RS	07/09/2021	16	1.6845	3.1185	(1.4340)	0.0000	(1.4340)	7
KY_RS	07/09/2021	17	1.6974	3.7106	(2.0132)	0.0000	(2.0132)	7
KY_RS	07/09/2021	18	1.6525	2.9069	(1.2544)	0.0000	(1.2544)	7
KY_RS	07/09/2021	19	1.6727	1.8471	(0.1744)	0.0000	(0.1744)	7
KY_RS	07/09/2021	20	1.5381	0.7358	0.8023	0.8023	0.0000	7
KY_RS	07/09/2021	21	1.4492	0.1059	1.3434	1.3434	0.0000	7
KY_RS	07/09/2021	22	1.3904	0.0000	1.3904	1.3904	0.0000	7
KY_RS	07/09/2021	23	1.3119	0.0000	1.3119	1.3119	0.0000	7
KY_RS	07/09/2021	24	1.1793	0.0000	1.1793	1.1793	0.0000	7
KY_RS	07/10/2021	1	1.0278	0.0000	1.0278	1.0278	0.0000	7
KY_RS	07/10/2021	2	0.9063	0.0000	0.9063	0.9063	0.0000	7
KY_RS	07/10/2021	3	0.8193	0.0000	0.8193	0.8193	0.0000	7
KY_RS	07/10/2021	4	0.7616	0.0000	0.7616	0.7616	0.0000	7
KY_RS	07/10/2021	5	0.7251	0.0000	0.7251	0.7251	0.0000	7
KY_RS	07/10/2021	6	0.7083	0.0000	0.7083	0.7083	0.0000	7
KY_RS	07/10/2021	7	0.7195	0.0000	0.7195	0.7195	0.0000	7
KY_RS	07/10/2021	8	0.7656	0.3474	0.4182	0.4182	0.0000	7
KY_RS	07/10/2021	9	0.8575	1.3376	(0.4801)	0.0000	(0.4801)	7
KY_RS	07/10/2021	10	0.9568	2.5203	(1.5634)	0.0000	(1.5634)	7
KY_RS	07/10/2021	11	1.0608	3.4400	(2.3792)	0.0000	(2.3792)	7
KY_RS	07/10/2021	12	1.1155	4.1039	(2.9884)	0.0000	(2.9884)	7
KY_RS	07/10/2021	13	1.1834	4.5072	(3.3237)	0.0000	(3.3237)	7
KY_RS	07/10/2021	14	1.2419	4.6608	(3.4189)	0.0000	(3.4189)	7
KY_RS	07/10/2021	15	1.3141	4.1664	(2.8523)	0.0000	(2.8523)	7
KY_RS	07/10/2021	16	1.3866	3.4038	(2.0172)	0.0000	(2.0172)	7
KY_RS	07/10/2021	17	1.5440	3.2176	(1.6736)	0.0000	(1.6736)	7
KY_RS	07/10/2021	18	1.6596	2.3051	(0.6456)	0.0000	(0.6456)	7
KY_RS	07/10/2021	19	1.6782	1.0340	0.6442	0.6442	0.0000	7
KY_RS	07/10/2021	20	1.6405	0.3165	1.3240	1.3240	0.0000	7
KY_RS	07/10/2021	21	1.5829	0.1060	1.4768	1.4768	0.0000	7
KY_RS	07/10/2021	22	1.5497	0.0000	1.5497	1.5497	0.0000	7
KY_RS	07/10/2021	23	1.4463	0.0000	1.4463	1.4463	0.0000	7
KY_RS	07/10/2021	24	1.3117	0.0000	1.3117	1.3117	0.0000	7
KY_RS	07/11/2021	1	1.0850	0.0000	1.0850	1.0850	0.0000	7
KY_RS	07/11/2021	2	1.0571	0.0000	1.0571	1.0571	0.0000	7
KY_RS	07/11/2021	3	0.9810	0.0000	0.9810	0.9810	0.0000	7
KY_RS	07/11/2021	4	0.9254	0.0000	0.9254	0.9254	0.0000	7
KY_RS	07/11/2021	5	0.8753	0.0000	0.8753	0.8753	0.0000	7
KY_RS	07/11/2021	6	0.8442	0.0000	0.8442	0.8442	0.0000	7
KY_RS	07/11/2021	7	0.8414	0.0000	0.8414	0.8414	0.0000	7
KY_RS	07/11/2021	8	0.8825	0.1164	0.7661	0.7661	0.0000	7
KY_RS	07/11/2021	9	0.9665	0.1118	0.8547	0.8547	0.0000	7
KY_RS	07/11/2021	10	1.0682	0.5855	0.4827	0.4827	0.0000	7
KY_RS	07/11/2021	11	1.1757	0.5007	0.6750	0.6750	0.0000	7
KY_RS	07/11/2021	12	1.3163	1.0622	0.2542	0.2542	0.0000	7
KY_RS	07/11/2021	13	1.4512	0.7209	0.7303	0.7303	0.0000	7
KY_RS	07/11/2021	14	1.5398	1.6000	(0.0602)	0.0000	(0.0602)	7
KY_RS	07/11/2021	15	1.6170	0.9271	0.6899	0.6899	0.0000	7
KY_RS	07/11/2021	16	1.7684	1.8658	(0.0974)	0.0000	(0.0974)	7
KY_RS	07/11/2021	17	1.9108	1.7720	0.1388	0.1388	0.0000	7
KY_RS	07/11/2021	18	2.0308	2.0843	(0.0536)	0.0000	(0.0536)	7
KY_RS	07/11/2021	19	2.0866	0.8700	1.2166	1.2166	0.0000	7
KY_RS	07/11/2021	20	2.0393	0.4829	1.5564	1.5564	0.0000	7
KY_RS	07/11/2021	21	1.9384	0.0779	1.8605	1.8605	0.0000	7
KY_RS	07/11/2021	22	1.8610	0.0000	1.8610	1.8610	0.0000	7
KY_RS	07/11/2021	23	1.7229	0.0000	1.7229	1.7229	0.0000	7

KY_RS	07/11/2021	24	1.5210	0.0000	1.5210	1.5210	0.0000	7
KY_RS	07/12/2021	1	1.3267	0.0000	1.3267	1.3267	0.0000	7
KY_RS	07/12/2021	2	1.1853	0.0000	1.1853	1.1853	0.0000	7
KY_RS	07/12/2021	3	1.0835	0.0000	1.0835	1.0835	0.0000	7
KY_RS	07/12/2021	4	1.0101	0.0000	1.0101	1.0101	0.0000	7
KY_RS	07/12/2021	5	0.9713	0.0000	0.9713	0.9713	0.0000	7
KY_RS	07/12/2021	6	0.9784	0.0000	0.9784	0.9784	0.0000	7
KY_RS	07/12/2021	7	1.0205	0.0000	1.0205	1.0205	0.0000	7
KY_RS	07/12/2021	8	1.0741	0.1617	0.9123	0.9123	0.0000	7
KY_RS	07/12/2021	9	1.1096	0.0242	1.0854	1.0854	0.0000	7
KY_RS	07/12/2021	10	1.1892	1.2330	(0.0439)	0.0000	(0.0439)	7
KY_RS	07/12/2021	11	1.2856	0.8919	0.3937	0.3937	0.0000	7
KY_RS	07/12/2021	12	1.4244	0.7431	0.6813	0.6813	0.0000	7
KY_RS	07/12/2021	13	1.5406	0.9287	0.6119	0.6119	0.0000	7
KY_RS	07/12/2021	14	1.6691	1.8823	(0.2132)	0.0000	(0.2132)	7
KY_RS	07/12/2021	15	1.7755	2.2481	(0.4726)	0.0000	(0.4726)	7
KY_RS	07/12/2021	16	1.9259	2.6141	(0.6883)	0.0000	(0.6883)	7
KY_RS	07/12/2021	17	2.0795	2.9354	(0.8559)	0.0000	(0.8559)	7
KY_RS	07/12/2021	18	2.2387	2.0915	0.1472	0.1472	0.0000	7
KY_RS	07/12/2021	19	2.2971	1.3398	0.9573	0.9573	0.0000	7
KY_RS	07/12/2021	20	2.2017	0.3350	1.8667	1.8667	0.0000	7
KY_RS	07/12/2021	21	2.0860	0.0318	2.0543	2.0543	0.0000	7
KY_RS	07/12/2021	22	1.9846	0.0000	1.9846	1.9846	0.0000	7
KY_RS	07/12/2021	23	1.7710	0.0000	1.7710	1.7710	0.0000	7
KY_RS	07/12/2021	24	1.5421	0.0000	1.5421	1.5421	0.0000	7
KY_RS	07/13/2021	1	1.3592	0.0000	1.3592	1.3592	0.0000	7
KY_RS	07/13/2021	2	1.2189	0.0000	1.2189	1.2189	0.0000	7
KY_RS	07/13/2021	3	1.1184	0.0000	1.1184	1.1184	0.0000	7
KY_RS	07/13/2021	4	1.0461	0.0000	1.0461	1.0461	0.0000	7
KY_RS	07/13/2021	5	1.0041	0.0000	1.0041	1.0041	0.0000	7
KY_RS	07/13/2021	6	0.9994	0.0000	0.9994	0.9994	0.0000	7
KY_RS	07/13/2021	7	1.0325	0.0000	1.0325	1.0325	0.0000	7
KY_RS	07/13/2021	8	1.0759	0.3013	0.7747	0.7747	0.0000	7
KY_RS	07/13/2021	9	1.1032	0.2268	0.8764	0.8764	0.0000	7
KY_RS	07/13/2021	10	1.1656	0.8168	0.3488	0.3488	0.0000	7
KY_RS	07/13/2021	11	1.2844	0.9211	0.3633	0.3633	0.0000	7
KY_RS	07/13/2021	12	1.4765	1.1494	0.3271	0.3271	0.0000	7
KY_RS	07/13/2021	13	1.5757	3.2891	(1.7135)	0.0000	(1.7135)	7
KY_RS	07/13/2021	14	1.6367	4.5013	(2.8647)	0.0000	(2.8647)	7
KY_RS	07/13/2021	15	1.6123	2.1346	(0.5223)	0.0000	(0.5223)	7
KY_RS	07/13/2021	16	1.7814	2.5726	(0.7912)	0.0000	(0.7912)	7
KY_RS	07/13/2021	17	1.8472	3.5816	(1.7344)	0.0000	(1.7344)	7
KY_RS	07/13/2021	18	1.8235	2.6369	(0.8134)	0.0000	(0.8134)	7
KY_RS	07/13/2021	19	1.8208	1.0821	0.7387	0.7387	0.0000	7
KY_RS	07/13/2021	20	1.7917	0.6959	1.0958	1.0958	0.0000	7
KY_RS	07/13/2021	21	1.7135	0.0923	1.6212	1.6212	0.0000	7
KY_RS	07/13/2021	22	1.6563	0.0000	1.6563	1.6563	0.0000	7
KY_RS	07/13/2021	23	1.5380	0.0000	1.5380	1.5380	0.0000	7
KY_RS	07/13/2021	24	1.3395	0.0000	1.3395	1.3395	0.0000	7
KY_RS	07/14/2021	1	1.1558	0.0000	1.1558	1.1558	0.0000	7
KY_RS	07/14/2021	2	1.0222	0.0000	1.0222	1.0222	0.0000	7
KY_RS	07/14/2021	3	0.9410	0.0000	0.9410	0.9410	0.0000	7
KY_RS	07/14/2021	4	0.8871	0.0000	0.8871	0.8871	0.0000	7
KY_RS	07/14/2021	5	0.8562	0.0000	0.8562	0.8562	0.0000	7
KY_RS	07/14/2021	6	0.8638	0.0000	0.8638	0.8638	0.0000	7
KY_RS	07/14/2021	7	0.9076	0.0000	0.9076	0.9076	0.0000	7
KY_RS	07/14/2021	8	0.9773	0.3440	0.6332	0.6332	0.0000	7
KY_RS	07/14/2021	9	1.0411	1.2595	(0.2184)	0.0000	(0.2184)	7
KY_RS	07/14/2021	10	1.1257	2.3630	(1.2373)	0.0000	(1.2373)	7
KY_RS	07/14/2021	11	1.2487	3.2722	(2.0235)	0.0000	(2.0235)	7
KY_RS	07/14/2021	12	1.4158	3.9347	(2.5189)	0.0000	(2.5189)	7
KY_RS	07/14/2021	13	1.5864	4.3506	(2.7642)	0.0000	(2.7642)	7
KY_RS	07/14/2021	14	1.7155	3.3724	(1.6569)	0.0000	(1.6569)	7
KY_RS	07/14/2021	15	1.8389	1.9091	(0.0702)	0.0000	(0.0702)	7
KY_RS	07/14/2021	16	1.9695	0.1716	1.7979	1.7979	0.0000	7
KY_RS	07/14/2021	17	2.1118	0.8233	1.2885	1.2885	0.0000	7
KY_RS	07/14/2021	18	2.2415	1.6167	0.6248	0.6248	0.0000	7
KY_RS	07/14/2021	19	2.2811	0.8485	1.4326	1.4326	0.0000	7
KY_RS	07/14/2021	20	2.2235	0.0331	2.1904	2.1904	0.0000	7
KY_RS	07/14/2021	21	2.1160	0.0000	2.1160	2.1160	0.0000	7
KY_RS	07/14/2021	22	2.0208	0.0000	2.0208	2.0208	0.0000	7
KY_RS	07/14/2021	23	1.8676	0.0000	1.8676	1.8676	0.0000	7
KY_RS	07/14/2021	24	1.6405	0.0000	1.6405	1.6405	0.0000	7
KY_RS	07/15/2021	1	1.4344	0.0000	1.4344	1.4344	0.0000	7
KY_RS	07/15/2021	2	1.2889	0.0000	1.2889	1.2889	0.0000	7
KY_RS	07/15/2021	3	1.1865	0.0000	1.1865	1.1865	0.0000	7
KY_RS	07/15/2021	4	1.1065	0.0000	1.1065	1.1065	0.0000	7
KY_RS	07/15/2021	5	1.0459	0.0000	1.0459	1.0459	0.0000	7
KY_RS	07/15/2021	6	1.0255	0.0000	1.0255	1.0255	0.0000	7

KY_RS	07/15/2021	7	1.0448	0.0000	1.0448	1.0448	0.0000	7
KY_RS	07/15/2021	8	1.1073	0.2609	0.8463	0.8463	0.0000	7
KY_RS	07/15/2021	9	1.2056	1.2998	(0.0941)	0.0000	(0.0941)	7
KY_RS	07/15/2021	10	1.3444	2.5244	(1.1800)	0.0000	(1.1800)	7
KY_RS	07/15/2021	11	1.5423	3.4349	(1.8926)	0.0000	(1.8926)	7
KY_RS	07/15/2021	12	1.7328	4.1092	(2.3764)	0.0000	(2.3764)	7
KY_RS	07/15/2021	13	1.9028	4.5105	(2.6077)	0.0000	(2.6077)	7
KY_RS	07/15/2021	14	2.0333	4.6908	(2.6575)	0.0000	(2.6575)	7
KY_RS	07/15/2021	15	2.1440	4.6566	(2.5126)	0.0000	(2.5126)	7
KY_RS	07/15/2021	16	2.2639	4.3559	(2.0920)	0.0000	(2.0920)	7
KY_RS	07/15/2021	17	2.3915	3.8104	(1.4189)	0.0000	(1.4189)	7
KY_RS	07/15/2021	18	2.4885	2.9937	(0.5052)	0.0000	(0.5052)	7
KY_RS	07/15/2021	19	2.5258	1.5086	1.0172	1.0172	0.0000	7
KY_RS	07/15/2021	20	2.4735	0.6608	1.8126	1.8126	0.0000	7
KY_RS	07/15/2021	21	2.3464	0.0721	2.2743	2.2743	0.0000	7
KY_RS	07/15/2021	22	2.2570	0.0000	2.2570	2.2570	0.0000	7
KY_RS	07/15/2021	23	2.1044	0.0000	2.1044	2.1044	0.0000	7
KY_RS	07/15/2021	24	1.8786	0.0000	1.8786	1.8786	0.0000	7
KY_RS	07/16/2021	1	1.6661	0.0000	1.6661	1.6661	0.0000	7
KY_RS	07/16/2021	2	1.4871	0.0000	1.4871	1.4871	0.0000	7
KY_RS	07/16/2021	3	1.3476	0.0000	1.3476	1.3476	0.0000	7
KY_RS	07/16/2021	4	1.2473	0.0000	1.2473	1.2473	0.0000	7
KY_RS	07/16/2021	5	1.1835	0.0000	1.1835	1.1835	0.0000	7
KY_RS	07/16/2021	6	1.1553	0.0000	1.1553	1.1553	0.0000	7
KY_RS	07/16/2021	7	1.1687	0.0000	1.1687	1.1687	0.0000	7
KY_RS	07/16/2021	8	1.2287	0.2591	0.9696	0.9696	0.0000	7
KY_RS	07/16/2021	9	1.3502	1.3165	0.0338	0.0000	0.0000	7
KY_RS	07/16/2021	10	1.5018	2.5550	(1.0532)	0.0000	(1.0532)	7
KY_RS	07/16/2021	11	1.6641	3.4044	(1.7403)	0.0000	(1.7403)	7
KY_RS	07/16/2021	12	1.8422	4.0243	(2.1820)	0.0000	(2.1820)	7
KY_RS	07/16/2021	13	1.9793	4.4165	(2.4372)	0.0000	(2.4372)	7
KY_RS	07/16/2021	14	2.1200	4.6020	(2.4820)	0.0000	(2.4820)	7
KY_RS	07/16/2021	15	2.0648	4.5088	(2.4440)	0.0000	(2.4440)	7
KY_RS	07/16/2021	16	1.7766	4.2100	(2.4334)	0.0000	(2.4334)	7
KY_RS	07/16/2021	17	1.7874	3.7004	(1.9131)	0.0000	(1.9131)	7
KY_RS	07/16/2021	18	1.9658	2.9078	(0.9420)	0.0000	(0.9420)	7
KY_RS	07/16/2021	19	2.0330	1.8302	0.2028	0.2028	0.0000	7
KY_RS	07/16/2021	20	1.9079	0.6465	1.2614	1.2614	0.0000	7
KY_RS	07/16/2021	21	1.8067	0.0668	1.7399	1.7399	0.0000	7
KY_RS	07/16/2021	22	1.7462	0.0000	1.7462	1.7462	0.0000	7
KY_RS	07/16/2021	23	1.6518	0.0000	1.6518	1.6518	0.0000	7
KY_RS	07/16/2021	24	1.4899	0.0000	1.4899	1.4899	0.0000	7
KY_RS	07/17/2021	1	1.3014	0.0000	1.3014	1.3014	0.0000	7
KY_RS	07/17/2021	2	1.1627	0.0000	1.1627	1.1627	0.0000	7
KY_RS	07/17/2021	3	1.0727	0.0000	1.0727	1.0727	0.0000	7
KY_RS	07/17/2021	4	1.0154	0.0000	1.0154	1.0154	0.0000	7
KY_RS	07/17/2021	5	0.9774	0.0000	0.9774	0.9774	0.0000	7
KY_RS	07/17/2021	6	0.9567	0.0000	0.9567	0.9567	0.0000	7
KY_RS	07/17/2021	7	0.9630	0.0000	0.9630	0.9630	0.0000	7
KY_RS	07/17/2021	8	1.0152	0.2615	0.7538	0.7538	0.0000	7
KY_RS	07/17/2021	9	1.1136	1.2963	(0.1827)	0.0000	(0.1827)	7
KY_RS	07/17/2021	10	1.2432	2.5121	(1.2690)	0.0000	(1.2690)	7
KY_RS	07/17/2021	11	1.3725	3.4361	(2.0636)	0.0000	(2.0636)	7
KY_RS	07/17/2021	12	1.5374	4.0780	(2.5406)	0.0000	(2.5406)	7
KY_RS	07/17/2021	13	1.6024	4.4585	(2.8562)	0.0000	(2.8562)	7
KY_RS	07/17/2021	14	1.6664	4.6135	(2.9471)	0.0000	(2.9471)	7
KY_RS	07/17/2021	15	1.8109	4.5530	(2.7421)	0.0000	(2.7421)	7
KY_RS	07/17/2021	16	1.9083	4.2471	(2.3388)	0.0000	(2.3388)	7
KY_RS	07/17/2021	17	1.9712	3.6770	(1.7058)	0.0000	(1.7058)	7
KY_RS	07/17/2021	18	2.0413	2.8940	(0.8527)	0.0000	(0.8527)	7
KY_RS	07/17/2021	19	2.0425	1.8367	0.2058	0.2058	0.0000	7
KY_RS	07/17/2021	20	1.9947	0.6704	1.3244	1.3244	0.0000	7
KY_RS	07/17/2021	21	1.8795	0.0703	1.8092	1.8092	0.0000	7
KY_RS	07/17/2021	22	1.7837	0.0000	1.7837	1.7837	0.0000	7
KY_RS	07/17/2021	23	1.6781	0.0000	1.6781	1.6781	0.0000	7
KY_RS	07/17/2021	24	1.5263	0.0000	1.5263	1.5263	0.0000	7
KY_RS	07/18/2021	1	1.3468	0.0000	1.3468	1.3468	0.0000	7
KY_RS	07/18/2021	2	1.1831	0.0000	1.1831	1.1831	0.0000	7
KY_RS	07/18/2021	3	1.0600	0.0000	1.0600	1.0600	0.0000	7
KY_RS	07/18/2021	4	0.9718	0.0000	0.9718	0.9718	0.0000	7
KY_RS	07/18/2021	5	0.9040	0.0000	0.9040	0.9040	0.0000	7
KY_RS	07/18/2021	6	0.8633	0.0000	0.8633	0.8633	0.0000	7
KY_RS	07/18/2021	7	0.8522	0.0000	0.8522	0.8522	0.0000	7
KY_RS	07/18/2021	8	0.9035	0.2782	0.6253	0.6253	0.0000	7
KY_RS	07/18/2021	9	1.0167	1.2633	(0.2466)	0.0000	(0.2466)	7
KY_RS	07/18/2021	10	1.1875	2.3964	(1.2089)	0.0000	(1.2089)	7
KY_RS	07/18/2021	11	1.3688	3.2382	(1.8694)	0.0000	(1.8694)	7
KY_RS	07/18/2021	12	1.5064	3.8465	(2.3401)	0.0000	(2.3401)	7
KY_RS	07/18/2021	13	1.6368	4.2408	(2.6040)	0.0000	(2.6040)	7

KY_RS	07/18/2021	14	1.7423	2.2239	(0.4815)	0.0000	(0.4815)	7
KY_RS	07/18/2021	15	1.8462	3.0151	(1.1689)	0.0000	(1.1689)	7
KY_RS	07/18/2021	16	1.9586	2.7893	(0.8307)	0.0000	(0.8307)	7
KY_RS	07/18/2021	17	2.0800	2.1375	(0.0575)	0.0000	(0.0575)	7
KY_RS	07/18/2021	18	2.1766	1.7873	0.3894	0.3894	0.0000	7
KY_RS	07/18/2021	19	2.1962	1.0340	1.1623	1.1623	0.0000	7
KY_RS	07/18/2021	20	2.1441	0.5991	1.5450	1.5450	0.0000	7
KY_RS	07/18/2021	21	2.0236	0.0760	1.9476	1.9476	0.0000	7
KY_RS	07/18/2021	22	1.9027	0.0000	1.9027	1.9027	0.0000	7
KY_RS	07/18/2021	23	1.7232	0.0000	1.7232	1.7232	0.0000	7
KY_RS	07/18/2021	24	1.4748	0.0000	1.4748	1.4748	0.0000	7
KY_RS	07/19/2021	1	1.2469	0.0000	1.2469	1.2469	0.0000	7
KY_RS	07/19/2021	2	1.0860	0.0000	1.0860	1.0860	0.0000	7
KY_RS	07/19/2021	3	0.9759	0.0000	0.9759	0.9759	0.0000	7
KY_RS	07/19/2021	4	0.9030	0.0000	0.9030	0.9030	0.0000	7
KY_RS	07/19/2021	5	0.8644	0.0000	0.8644	0.8644	0.0000	7
KY_RS	07/19/2021	6	0.8574	0.0000	0.8574	0.8574	0.0000	7
KY_RS	07/19/2021	7	0.8859	0.0000	0.8859	0.8859	0.0000	7
KY_RS	07/19/2021	8	0.9422	0.3131	0.6291	0.6291	0.0000	7
KY_RS	07/19/2021	9	1.0253	1.2494	(0.2241)	0.0000	(0.2241)	7
KY_RS	07/19/2021	10	1.1432	2.3918	(1.2487)	0.0000	(1.2487)	7
KY_RS	07/19/2021	11	1.2945	3.2844	(1.9899)	0.0000	(1.9899)	7
KY_RS	07/19/2021	12	1.4645	3.8186	(2.3541)	0.0000	(2.3541)	7
KY_RS	07/19/2021	13	1.6168	4.2229	(2.6060)	0.0000	(2.6060)	7
KY_RS	07/19/2021	14	1.7417	4.3840	(2.6423)	0.0000	(2.6423)	7
KY_RS	07/19/2021	15	1.8579	4.2144	(2.3565)	0.0000	(2.3565)	7
KY_RS	07/19/2021	16	1.9852	2.8751	(0.8899)	0.0000	(0.8899)	7
KY_RS	07/19/2021	17	2.1144	2.4237	(0.3093)	0.0000	(0.3093)	7
KY_RS	07/19/2021	18	2.2294	2.1921	0.0373	0.0373	0.0000	7
KY_RS	07/19/2021	19	2.2330	1.2879	0.9451	0.9451	0.0000	7
KY_RS	07/19/2021	20	2.1511	0.5862	1.5649	1.5649	0.0000	7
KY_RS	07/19/2021	21	2.0434	0.0614	1.9820	1.9820	0.0000	7
KY_RS	07/19/2021	22	1.9328	0.0000	1.9328	1.9328	0.0000	7
KY_RS	07/19/2021	23	1.7437	0.0000	1.7437	1.7437	0.0000	7
KY_RS	07/19/2021	24	1.4964	0.0000	1.4964	1.4964	0.0000	7
KY_RS	07/20/2021	1	1.2779	0.0000	1.2779	1.2779	0.0000	7
KY_RS	07/20/2021	2	1.1141	0.0000	1.1141	1.1141	0.0000	7
KY_RS	07/20/2021	3	1.0042	0.0000	1.0042	1.0042	0.0000	7
KY_RS	07/20/2021	4	0.9252	0.0000	0.9252	0.9252	0.0000	7
KY_RS	07/20/2021	5	0.8815	0.0000	0.8815	0.8815	0.0000	7
KY_RS	07/20/2021	6	0.8786	0.0000	0.8786	0.8786	0.0000	7
KY_RS	07/20/2021	7	0.9119	0.0000	0.9119	0.9119	0.0000	7
KY_RS	07/20/2021	8	0.9682	0.0038	0.9644	0.9644	0.0000	7
KY_RS	07/20/2021	9	1.0438	0.3840	0.6598	0.6598	0.0000	7
KY_RS	07/20/2021	10	1.1632	0.1552	1.0080	1.0080	0.0000	7
KY_RS	07/20/2021	11	1.3230	1.9413	(0.6183)	0.0000	(0.6183)	7
KY_RS	07/20/2021	12	1.5010	2.6719	(1.1709)	0.0000	(1.1709)	7
KY_RS	07/20/2021	13	1.6691	2.3135	(0.6444)	0.0000	(0.6444)	7
KY_RS	07/20/2021	14	1.8032	0.9883	0.8149	0.8149	0.0000	7
KY_RS	07/20/2021	15	1.9241	1.6882	0.2359	0.2359	0.0000	7
KY_RS	07/20/2021	16	2.0540	1.8409	0.2131	0.2131	0.0000	7
KY_RS	07/20/2021	17	2.1890	2.5545	(0.3656)	0.0000	(0.3656)	7
KY_RS	07/20/2021	18	2.3047	1.7963	0.5084	0.5084	0.0000	7
KY_RS	07/20/2021	19	2.3308	1.2390	1.0919	1.0919	0.0000	7
KY_RS	07/20/2021	20	2.2587	0.6727	1.5860	1.5860	0.0000	7
KY_RS	07/20/2021	21	2.1321	0.0640	2.0681	2.0681	0.0000	7
KY_RS	07/20/2021	22	2.0235	0.0000	2.0235	2.0235	0.0000	7
KY_RS	07/20/2021	23	1.8403	0.0000	1.8403	1.8403	0.0000	7
KY_RS	07/20/2021	24	1.5865	0.0000	1.5865	1.5865	0.0000	7
KY_RS	07/21/2021	1	1.3598	0.0000	1.3598	1.3598	0.0000	7
KY_RS	07/21/2021	2	1.1807	0.0000	1.1807	1.1807	0.0000	7
KY_RS	07/21/2021	3	1.0571	0.0000	1.0571	1.0571	0.0000	7
KY_RS	07/21/2021	4	0.9707	0.0000	0.9707	0.9707	0.0000	7
KY_RS	07/21/2021	5	0.9193	0.0000	0.9193	0.9193	0.0000	7
KY_RS	07/21/2021	6	0.9075	0.0000	0.9075	0.9075	0.0000	7
KY_RS	07/21/2021	7	0.9304	0.0000	0.9304	0.9304	0.0000	7
KY_RS	07/21/2021	8	0.9842	0.1798	0.8044	0.8044	0.0000	7
KY_RS	07/21/2021	9	1.0625	0.6836	0.3789	0.3789	0.0000	7
KY_RS	07/21/2021	10	1.1832	1.1072	0.0760	0.0760	0.0000	7
KY_RS	07/21/2021	11	1.3158	1.3957	(0.0799)	0.0000	(0.0799)	7
KY_RS	07/21/2021	12	1.3845	1.5952	(0.2107)	0.0000	(0.2107)	7
KY_RS	07/21/2021	13	1.4679	2.9212	(1.4532)	0.0000	(1.4532)	7
KY_RS	07/21/2021	14	1.6144	2.7768	(1.1624)	0.0000	(1.1624)	7
KY_RS	07/21/2021	15	1.7441	3.6200	(1.8758)	0.0000	(1.8758)	7
KY_RS	07/21/2021	16	1.8790	3.0817	(1.2028)	0.0000	(1.2028)	7
KY_RS	07/21/2021	17	2.0104	2.7038	(0.6934)	0.0000	(0.6934)	7
KY_RS	07/21/2021	18	2.1328	1.0558	1.0770	1.0770	0.0000	7
KY_RS	07/21/2021	19	2.1302	0.0035	2.1267	2.1267	0.0000	7
KY_RS	07/21/2021	20	2.0399	0.1869	1.8530	1.8530	0.0000	7

KY_RS	07/21/2021	21	1.9194	0.0000	1.9194	1.9194	0.0000	7
KY_RS	07/21/2021	22	1.8256	0.0000	1.8256	1.8256	0.0000	7
KY_RS	07/21/2021	23	1.6553	0.0000	1.6553	1.6553	0.0000	7
KY_RS	07/21/2021	24	1.4239	0.0000	1.4239	1.4239	0.0000	7
KY_RS	07/22/2021	1	1.2149	0.0000	1.2149	1.2149	0.0000	7
KY_RS	07/22/2021	2	1.0478	0.0000	1.0478	1.0478	0.0000	7
KY_RS	07/22/2021	3	0.9362	0.0000	0.9362	0.9362	0.0000	7
KY_RS	07/22/2021	4	0.8612	0.0000	0.8612	0.8612	0.0000	7
KY_RS	07/22/2021	5	0.8157	0.0000	0.8157	0.8157	0.0000	7
KY_RS	07/22/2021	6	0.8075	0.0000	0.8075	0.8075	0.0000	7
KY_RS	07/22/2021	7	0.8369	0.0000	0.8369	0.8369	0.0000	7
KY_RS	07/22/2021	8	0.8872	0.0140	0.8732	0.8732	0.0000	7
KY_RS	07/22/2021	9	0.9659	0.2629	0.7030	0.7030	0.0000	7
KY_RS	07/22/2021	10	1.0692	1.5950	(0.5258)	0.0000	(0.5258)	7
KY_RS	07/22/2021	11	1.1924	2.6038	(1.4113)	0.0000	(1.4113)	7
KY_RS	07/22/2021	12	1.3155	1.8146	(0.4991)	0.0000	(0.4991)	7
KY_RS	07/22/2021	13	1.4360	0.4826	0.9534	0.9534	0.0000	7
KY_RS	07/22/2021	14	1.5445	3.7432	(2.1987)	0.0000	(2.1987)	7
KY_RS	07/22/2021	15	1.6505	3.7268	(2.0763)	0.0000	(2.0763)	7
KY_RS	07/22/2021	16	1.7860	3.3562	(1.5702)	0.0000	(1.5702)	7
KY_RS	07/22/2021	17	1.9270	3.8902	(1.9632)	0.0000	(1.9632)	7
KY_RS	07/22/2021	18	2.0446	0.6881	1.3565	1.3565	0.0000	7
KY_RS	07/22/2021	19	2.0451	1.8824	0.1626	0.1626	0.0000	7
KY_RS	07/22/2021	20	1.9758	0.6434	1.3323	1.3323	0.0000	7
KY_RS	07/22/2021	21	1.8584	0.0477	1.8107	1.8107	0.0000	7
KY_RS	07/22/2021	22	1.7612	0.0000	1.7612	1.7612	0.0000	7
KY_RS	07/22/2021	23	1.6050	0.0000	1.6050	1.6050	0.0000	7
KY_RS	07/22/2021	24	1.3858	0.0000	1.3858	1.3858	0.0000	7
KY_RS	07/23/2021	1	1.1833	0.0000	1.1833	1.1833	0.0000	7
KY_RS	07/23/2021	2	1.0281	0.0000	1.0281	1.0281	0.0000	7
KY_RS	07/23/2021	3	0.9228	0.0000	0.9228	0.9228	0.0000	7
KY_RS	07/23/2021	4	0.8525	0.0000	0.8525	0.8525	0.0000	7
KY_RS	07/23/2021	5	0.8081	0.0000	0.8081	0.8081	0.0000	7
KY_RS	07/23/2021	6	0.7997	0.0000	0.7997	0.7997	0.0000	7
KY_RS	07/23/2021	7	0.8294	0.0000	0.8294	0.8294	0.0000	7
KY_RS	07/23/2021	8	0.8819	0.2362	0.6458	0.6458	0.0000	7
KY_RS	07/23/2021	9	0.9369	1.3017	(0.3648)	0.0000	(0.3648)	7
KY_RS	07/23/2021	10	1.0839	2.5796	(1.4957)	0.0000	(1.4957)	7
KY_RS	07/23/2021	11	1.2231	3.5181	(2.2951)	0.0000	(2.2951)	7
KY_RS	07/23/2021	12	1.3838	4.1808	(2.7970)	0.0000	(2.7970)	7
KY_RS	07/23/2021	13	1.5456	4.5824	(3.0368)	0.0000	(3.0368)	7
KY_RS	07/23/2021	14	1.6771	4.7557	(3.0786)	0.0000	(3.0786)	7
KY_RS	07/23/2021	15	1.8024	4.6535	(2.8511)	0.0000	(2.8511)	7
KY_RS	07/23/2021	16	1.9453	4.3320	(2.3867)	0.0000	(2.3867)	7
KY_RS	07/23/2021	17	2.0769	3.8019	(1.7250)	0.0000	(1.7250)	7
KY_RS	07/23/2021	18	2.1800	2.9622	(0.7822)	0.0000	(0.7822)	7
KY_RS	07/23/2021	19	2.1957	1.8510	0.3446	0.3446	0.0000	7
KY_RS	07/23/2021	20	2.1209	0.6565	1.4644	1.4644	0.0000	7
KY_RS	07/23/2021	21	1.9821	0.0476	1.9344	1.9344	0.0000	7
KY_RS	07/23/2021	22	1.8643	0.0000	1.8643	1.8643	0.0000	7
KY_RS	07/23/2021	23	1.7268	0.0000	1.7268	1.7268	0.0000	7
KY_RS	07/23/2021	24	1.5319	0.0000	1.5319	1.5319	0.0000	7
KY_RS	07/24/2021	1	1.3339	0.0000	1.3339	1.3339	0.0000	7
KY_RS	07/24/2021	2	1.1674	0.0000	1.1674	1.1674	0.0000	7
KY_RS	07/24/2021	3	1.0406	0.0000	1.0406	1.0406	0.0000	7
KY_RS	07/24/2021	4	0.9492	0.0000	0.9492	0.9492	0.0000	7
KY_RS	07/24/2021	5	0.8835	0.0000	0.8835	0.8835	0.0000	7
KY_RS	07/24/2021	6	0.8446	0.0000	0.8446	0.8446	0.0000	7
KY_RS	07/24/2021	7	0.8346	0.0000	0.8346	0.8346	0.0000	7
KY_RS	07/24/2021	8	0.8941	0.2429	0.6513	0.6513	0.0000	7
KY_RS	07/24/2021	9	1.0607	1.2834	(0.2227)	0.0000	(0.2227)	7
KY_RS	07/24/2021	10	1.2714	2.5444	(1.2730)	0.0000	(1.2730)	7
KY_RS	07/24/2021	11	1.4803	3.4846	(2.0044)	0.0000	(2.0044)	7
KY_RS	07/24/2021	12	1.6746	4.1579	(2.4833)	0.0000	(2.4833)	7
KY_RS	07/24/2021	13	1.8307	4.5691	(2.7384)	0.0000	(2.7384)	7
KY_RS	07/24/2021	14	1.9609	4.7296	(2.7686)	0.0000	(2.7686)	7
KY_RS	07/24/2021	15	2.0875	4.6354	(2.5479)	0.0000	(2.5479)	7
KY_RS	07/24/2021	16	2.2144	4.3332	(2.1188)	0.0000	(2.1188)	7
KY_RS	07/24/2021	17	2.3039	3.8044	(1.5005)	0.0000	(1.5005)	7
KY_RS	07/24/2021	18	2.3661	2.2805	0.0856	0.0856	0.0000	7
KY_RS	07/24/2021	19	2.3680	1.4889	0.8791	0.8791	0.0000	7
KY_RS	07/24/2021	20	2.2407	0.6473	1.5934	1.5934	0.0000	7
KY_RS	07/24/2021	21	2.1199	0.0370	2.0829	2.0829	0.0000	7
KY_RS	07/24/2021	22	2.0421	0.0000	2.0421	2.0421	0.0000	7
KY_RS	07/24/2021	23	1.9205	0.0000	1.9205	1.9205	0.0000	7
KY_RS	07/24/2021	24	1.7520	0.0000	1.7520	1.7520	0.0000	7
KY_RS	07/25/2021	1	1.5701	0.0000	1.5701	1.5701	0.0000	7
KY_RS	07/25/2021	2	1.4334	0.0000	1.4334	1.4334	0.0000	7
KY_RS	07/25/2021	3	1.3407	0.0000	1.3407	1.3407	0.0000	7

KY_RS	07/25/2021	4	1.2669	0.0000	1.2669	1.2669	0.0000	7
KY_RS	07/25/2021	5	1.2171	0.0000	1.2171	1.2171	0.0000	7
KY_RS	07/25/2021	6	1.1742	0.0000	1.1742	1.1742	0.0000	7
KY_RS	07/25/2021	7	1.1526	0.0000	1.1526	1.1526	0.0000	7
KY_RS	07/25/2021	8	1.1887	0.2402	0.9484	0.9484	0.0000	7
KY_RS	07/25/2021	9	1.3311	1.2792	0.0519	0.0519	0.0000	7
KY_RS	07/25/2021	10	1.5576	2.5369	(0.9792)	0.0000	(0.9792)	7
KY_RS	07/25/2021	11	1.7943	3.4575	(1.6633)	0.0000	(1.6633)	7
KY_RS	07/25/2021	12	2.0325	4.1074	(2.0749)	0.0000	(2.0749)	7
KY_RS	07/25/2021	13	2.2072	4.5037	(2.2965)	0.0000	(2.2965)	7
KY_RS	07/25/2021	14	2.3458	4.6546	(2.3088)	0.0000	(2.3088)	7
KY_RS	07/25/2021	15	2.4279	4.5852	(2.1572)	0.0000	(2.1572)	7
KY_RS	07/25/2021	16	2.4948	4.3140	(1.8192)	0.0000	(1.8192)	7
KY_RS	07/25/2021	17	2.5689	3.7700	(1.2011)	0.0000	(1.2011)	7
KY_RS	07/25/2021	18	2.6373	2.9543	(0.3170)	0.0000	(0.3170)	7
KY_RS	07/25/2021	19	2.6674	1.8563	0.8112	0.8112	0.0000	7
KY_RS	07/25/2021	20	2.6246	0.6386	1.9859	1.9859	0.0000	7
KY_RS	07/25/2021	21	2.5324	0.0325	2.4999	2.4999	0.0000	7
KY_RS	07/25/2021	22	2.4351	0.0000	2.4351	2.4351	0.0000	7
KY_RS	07/25/2021	23	2.2439	0.0000	2.2439	2.2439	0.0000	7
KY_RS	07/25/2021	24	1.9903	0.0000	1.9903	1.9903	0.0000	7
KY_RS	07/26/2021	1	1.7467	0.0000	1.7467	1.7467	0.0000	7
KY_RS	07/26/2021	2	1.5631	0.0000	1.5631	1.5631	0.0000	7
KY_RS	07/26/2021	3	1.4219	0.0000	1.4219	1.4219	0.0000	7
KY_RS	07/26/2021	4	1.3177	0.0000	1.3177	1.3177	0.0000	7
KY_RS	07/26/2021	5	1.2422	0.0000	1.2422	1.2422	0.0000	7
KY_RS	07/26/2021	6	1.2098	0.0000	1.2098	1.2098	0.0000	7
KY_RS	07/26/2021	7	1.2152	0.0000	1.2152	1.2152	0.0000	7
KY_RS	07/26/2021	8	1.2514	0.2322	1.0192	1.0192	0.0000	7
KY_RS	07/26/2021	9	1.3473	1.2629	0.0844	0.0844	0.0000	7
KY_RS	07/26/2021	10	1.5463	2.5002	(0.9540)	0.0000	(0.9540)	7
KY_RS	07/26/2021	11	1.7817	3.0106	(1.2289)	0.0000	(1.2289)	7
KY_RS	07/26/2021	12	1.9733	3.1752	(1.2020)	0.0000	(1.2020)	7
KY_RS	07/26/2021	13	2.1392	3.9214	(1.7822)	0.0000	(1.7822)	7
KY_RS	07/26/2021	14	2.2437	3.8267	(1.5831)	0.0000	(1.5831)	7
KY_RS	07/26/2021	15	2.3289	3.7964	(1.4675)	0.0000	(1.4675)	7
KY_RS	07/26/2021	16	2.4351	3.2525	(0.8174)	0.0000	(0.8174)	7
KY_RS	07/26/2021	17	2.5441	3.2096	(0.6655)	0.0000	(0.6655)	7
KY_RS	07/26/2021	18	2.6443	0.8665	1.7779	1.7779	0.0000	7
KY_RS	07/26/2021	19	2.6594	1.5217	1.1377	1.1377	0.0000	7
KY_RS	07/26/2021	20	2.5746	0.0429	2.5317	2.5317	0.0000	7
KY_RS	07/26/2021	21	2.4234	0.0000	2.4234	2.4234	0.0000	7
KY_RS	07/26/2021	22	2.2736	0.0000	2.2736	2.2736	0.0000	7
KY_RS	07/26/2021	23	2.0585	0.0000	2.0585	2.0585	0.0000	7
KY_RS	07/26/2021	24	1.7848	0.0000	1.7848	1.7848	0.0000	7
KY_RS	07/27/2021	1	1.5366	0.0000	1.5366	1.5366	0.0000	7
KY_RS	07/27/2021	2	1.3443	0.0000	1.3443	1.3443	0.0000	7
KY_RS	07/27/2021	3	1.2013	0.0000	1.2013	1.2013	0.0000	7
KY_RS	07/27/2021	4	1.0967	0.0000	1.0967	1.0967	0.0000	7
KY_RS	07/27/2021	5	1.0264	0.0000	1.0264	1.0264	0.0000	7
KY_RS	07/27/2021	6	0.9936	0.0000	0.9936	0.9936	0.0000	7
KY_RS	07/27/2021	7	1.0043	0.0000	1.0043	1.0043	0.0000	7
KY_RS	07/27/2021	8	1.0563	0.2309	0.8254	0.8254	0.0000	7
KY_RS	07/27/2021	9	1.1666	0.8596	0.3069	0.3069	0.0000	7
KY_RS	07/27/2021	10	1.3275	1.3740	(0.0465)	0.0000	(0.0465)	7
KY_RS	07/27/2021	11	1.5104	0.4674	1.0430	1.0430	0.0000	7
KY_RS	07/27/2021	12	1.7114	0.6728	1.0386	1.0386	0.0000	7
KY_RS	07/27/2021	13	1.8902	0.9749	0.9153	0.9153	0.0000	7
KY_RS	07/27/2021	14	2.0275	0.6695	1.3579	1.3579	0.0000	7
KY_RS	07/27/2021	15	2.1493	2.4172	(0.2679)	0.0000	(0.2679)	7
KY_RS	07/27/2021	16	2.2859	3.3671	(1.0812)	0.0000	(1.0812)	7
KY_RS	07/27/2021	17	2.4093	2.9425	(0.5331)	0.0000	(0.5331)	7
KY_RS	07/27/2021	18	2.5187	1.9156	0.6031	0.6031	0.0000	7
KY_RS	07/27/2021	19	2.5423	0.7885	1.7538	1.7538	0.0000	7
KY_RS	07/27/2021	20	2.4756	0.5292	1.9464	1.9464	0.0000	7
KY_RS	07/27/2021	21	2.3451	0.0342	2.3109	2.3109	0.0000	7
KY_RS	07/27/2021	22	2.2268	0.0000	2.2268	2.2268	0.0000	7
KY_RS	07/27/2021	23	2.0282	0.0000	2.0282	2.0282	0.0000	7
KY_RS	07/27/2021	24	1.7725	0.0000	1.7725	1.7725	0.0000	7
KY_RS	07/28/2021	1	1.5392	0.0000	1.5392	1.5392	0.0000	7
KY_RS	07/28/2021	2	1.3540	0.0000	1.3540	1.3540	0.0000	7
KY_RS	07/28/2021	3	1.2217	0.0000	1.2217	1.2217	0.0000	7
KY_RS	07/28/2021	4	1.1243	0.0000	1.1243	1.1243	0.0000	7
KY_RS	07/28/2021	5	1.0583	0.0000	1.0583	1.0583	0.0000	7
KY_RS	07/28/2021	6	1.0289	0.0000	1.0289	1.0289	0.0000	7
KY_RS	07/28/2021	7	1.0428	0.0000	1.0428	1.0428	0.0000	7
KY_RS	07/28/2021	8	1.0912	0.1090	0.9822	0.9822	0.0000	7
KY_RS	07/28/2021	9	1.1910	0.0394	1.1516	1.1516	0.0000	7
KY_RS	07/28/2021	10	1.3641	1.0553	0.3088	0.3088	0.0000	7

KY_RS	07/28/2021	11	1.5731	1.9319	(0.3588)	0.0000	(0.3588)	7
KY_RS	07/28/2021	12	1.7488	2.4287	(0.6799)	0.0000	(0.6799)	7
KY_RS	07/28/2021	13	1.8715	1.0753	0.7963	0.7963	0.0000	7
KY_RS	07/28/2021	14	2.0184	1.6312	0.3872	0.3872	0.0000	7
KY_RS	07/28/2021	15	2.1534	3.8342	(1.6808)	0.0000	(1.6808)	7
KY_RS	07/28/2021	16	2.2810	4.1953	(1.9143)	0.0000	(1.9143)	7
KY_RS	07/28/2021	17	2.3957	3.6015	(1.2058)	0.0000	(1.2058)	7
KY_RS	07/28/2021	18	2.5030	2.7166	(0.2136)	0.0000	(0.2136)	7
KY_RS	07/28/2021	19	2.5348	1.6473	0.8875	0.8875	0.0000	7
KY_RS	07/28/2021	20	2.4791	0.6326	1.8466	1.8466	0.0000	7
KY_RS	07/28/2021	21	2.3639	0.0221	2.3419	2.3419	0.0000	7
KY_RS	07/28/2021	22	2.2658	0.0000	2.2658	2.2658	0.0000	7
KY_RS	07/28/2021	23	2.0866	0.0000	2.0866	2.0866	0.0000	7
KY_RS	07/28/2021	24	1.8459	0.0000	1.8459	1.8459	0.0000	7
KY_RS	07/29/2021	1	1.6287	0.0000	1.6287	1.6287	0.0000	7
KY_RS	07/29/2021	2	1.4580	0.0000	1.4580	1.4580	0.0000	7
KY_RS	07/29/2021	3	1.3286	0.0000	1.3286	1.3286	0.0000	7
KY_RS	07/29/2021	4	1.2368	0.0000	1.2368	1.2368	0.0000	7
KY_RS	07/29/2021	5	1.1777	0.0000	1.1777	1.1777	0.0000	7
KY_RS	07/29/2021	6	1.1553	0.0000	1.1553	1.1553	0.0000	7
KY_RS	07/29/2021	7	1.1686	0.0000	1.1686	1.1686	0.0000	7
KY_RS	07/29/2021	8	1.2077	0.2763	0.9314	0.9314	0.0000	7
KY_RS	07/29/2021	9	1.2292	0.0434	1.1858	1.1858	0.0000	7
KY_RS	07/29/2021	10	1.2942	0.4147	0.8795	0.8795	0.0000	7
KY_RS	07/29/2021	11	1.4623	1.7906	(0.3283)	0.0000	(0.3283)	7
KY_RS	07/29/2021	12	1.6774	2.1768	(0.4993)	0.0000	(0.4993)	7
KY_RS	07/29/2021	13	1.9059	2.1604	(0.2544)	0.0000	(0.2544)	7
KY_RS	07/29/2021	14	2.0411	4.4843	(2.4432)	0.0000	(2.4432)	7
KY_RS	07/29/2021	15	2.1664	4.4401	(2.2738)	0.0000	(2.2738)	7
KY_RS	07/29/2021	16	2.3000	4.1461	(1.8461)	0.0000	(1.8461)	7
KY_RS	07/29/2021	17	2.4495	3.5936	(1.1441)	0.0000	(1.1441)	7
KY_RS	07/29/2021	18	2.5282	2.7741	(0.2459)	0.0000	(0.2459)	7
KY_RS	07/29/2021	19	2.4823	1.6960	0.7863	0.7863	0.0000	7
KY_RS	07/29/2021	20	2.4111	0.6066	1.8045	1.8045	0.0000	7
KY_RS	07/29/2021	21	2.3438	0.0274	2.3163	2.3163	0.0000	7
KY_RS	07/29/2021	22	2.2754	0.0000	2.2754	2.2754	0.0000	7
KY_RS	07/29/2021	23	2.1315	0.0000	2.1315	2.1315	0.0000	7
KY_RS	07/29/2021	24	1.9347	0.0000	1.9347	1.9347	0.0000	7
KY_RS	07/30/2021	1	1.7420	0.0000	1.7420	1.7420	0.0000	7
KY_RS	07/30/2021	2	1.5804	0.0000	1.5804	1.5804	0.0000	7
KY_RS	07/30/2021	3	1.4544	0.0000	1.4544	1.4544	0.0000	7
KY_RS	07/30/2021	4	1.3502	0.0000	1.3502	1.3502	0.0000	7
KY_RS	07/30/2021	5	1.2709	0.0000	1.2709	1.2709	0.0000	7
KY_RS	07/30/2021	6	1.2277	0.0000	1.2277	1.2277	0.0000	7
KY_RS	07/30/2021	7	1.2271	0.0000	1.2271	1.2271	0.0000	7
KY_RS	07/30/2021	8	1.2545	0.2689	0.9856	0.9856	0.0000	7
KY_RS	07/30/2021	9	1.2906	1.1390	0.1516	0.1516	0.0000	7
KY_RS	07/30/2021	10	1.3646	2.2380	(0.8734)	0.0000	(0.8734)	7
KY_RS	07/30/2021	11	1.4909	3.1386	(1.6477)	0.0000	(1.6477)	7
KY_RS	07/30/2021	12	1.6452	3.8113	(2.1661)	0.0000	(2.1661)	7
KY_RS	07/30/2021	13	1.7749	4.2447	(2.4698)	0.0000	(2.4698)	7
KY_RS	07/30/2021	14	1.8986	3.6799	(1.7814)	0.0000	(1.7814)	7
KY_RS	07/30/2021	15	2.0020	4.2893	(2.2873)	0.0000	(2.2873)	7
KY_RS	07/30/2021	16	2.1051	3.9697	(1.8646)	0.0000	(1.8646)	7
KY_RS	07/30/2021	17	2.1976	3.4370	(1.2394)	0.0000	(1.2394)	7
KY_RS	07/30/2021	18	2.2717	2.2316	0.0400	0.0400	0.0000	7
KY_RS	07/30/2021	19	2.2529	1.4551	0.7977	0.7977	0.0000	7
KY_RS	07/30/2021	20	2.1336	0.5359	1.5977	1.5977	0.0000	7
KY_RS	07/30/2021	21	1.9709	0.0180	1.9528	1.9528	0.0000	7
KY_RS	07/30/2021	22	1.8526	0.0000	1.8526	1.8526	0.0000	7
KY_RS	07/30/2021	23	1.7067	0.0000	1.7067	1.7067	0.0000	7
KY_RS	07/30/2021	24	1.5206	0.0000	1.5206	1.5206	0.0000	7
KY_RS	07/31/2021	1	1.3384	0.0000	1.3384	1.3384	0.0000	7
KY_RS	07/31/2021	2	1.1936	0.0000	1.1936	1.1936	0.0000	7
KY_RS	07/31/2021	3	1.0777	0.0000	1.0777	1.0777	0.0000	7
KY_RS	07/31/2021	4	0.9941	0.0000	0.9941	0.9941	0.0000	7
KY_RS	07/31/2021	5	0.9391	0.0000	0.9391	0.9391	0.0000	7
KY_RS	07/31/2021	6	0.9073	0.0000	0.9073	0.9073	0.0000	7
KY_RS	07/31/2021	7	0.9022	0.0000	0.9022	0.9022	0.0000	7
KY_RS	07/31/2021	8	0.9397	0.2492	0.6905	0.6905	0.0000	7
KY_RS	07/31/2021	9	1.0168	1.1384	(0.1217)	0.0000	(0.1217)	7
KY_RS	07/31/2021	10	1.1316	2.2577	(1.1261)	0.0000	(1.1261)	7
KY_RS	07/31/2021	11	1.2510	3.1861	(1.9351)	0.0000	(1.9351)	7
KY_RS	07/31/2021	12	1.4015	3.8005	(2.3990)	0.0000	(2.3990)	7
KY_RS	07/31/2021	13	1.5609	3.5461	(1.9853)	0.0000	(1.9853)	7
KY_RS	07/31/2021	14	1.5633	4.3737	(2.8105)	0.0000	(2.8105)	7
KY_RS	07/31/2021	15	1.5398	3.7219	(2.1821)	0.0000	(2.1821)	7
KY_RS	07/31/2021	16	1.4918	1.5804	(0.0886)	0.0000	(0.0886)	7
KY_RS	07/31/2021	17	1.4455	1.9593	(0.5138)	0.0000	(0.5138)	7

KY_RS	07/31/2021	18	1.4452	2.2072	(0.7621)	0.0000	(0.7621)	7
KY_RS	07/31/2021	19	1.4107	1.5056	(0.0949)	0.0000	(0.0949)	7
KY_RS	07/31/2021	20	1.3707	0.5099	0.8608	0.8608	0.0000	7
KY_RS	07/31/2021	21	1.3386	0.0274	1.3112	1.3112	0.0000	7
KY_RS	07/31/2021	22	1.3202	0.0000	1.3202	1.3202	0.0000	7
KY_RS	07/31/2021	23	1.2528	0.0000	1.2528	1.2528	0.0000	7
KY_RS	07/31/2021	24	1.1328	0.0000	1.1328	1.1328	0.0000	7
KY_RS	08/01/2021	1	0.9922	0.0000	0.9922	0.9922	0.0000	8
KY_RS	08/01/2021	2	0.8790	0.0000	0.8790	0.8790	0.0000	8
KY_RS	08/01/2021	3	0.7974	0.0000	0.7974	0.7974	0.0000	8
KY_RS	08/01/2021	4	0.7411	0.0000	0.7411	0.7411	0.0000	8
KY_RS	08/01/2021	5	0.7032	0.0000	0.7032	0.7032	0.0000	8
KY_RS	08/01/2021	6	0.6858	0.0000	0.6858	0.6858	0.0000	8
KY_RS	08/01/2021	7	0.6890	0.0000	0.6890	0.6890	0.0000	8
KY_RS	08/01/2021	8	0.7498	0.2059	0.5439	0.5439	0.0000	8
KY_RS	08/01/2021	9	0.8846	1.2043	(0.3197)	0.0000	(0.3197)	8
KY_RS	08/01/2021	10	1.0451	2.4455	(1.4004)	0.0000	(1.4004)	8
KY_RS	08/01/2021	11	1.2092	3.3815	(2.1723)	0.0000	(2.1723)	8
KY_RS	08/01/2021	12	1.3741	4.0562	(2.6821)	0.0000	(2.6821)	8
KY_RS	08/01/2021	13	1.5185	2.8241	(1.3056)	0.0000	(1.3056)	8
KY_RS	08/01/2021	14	1.6257	3.2061	(1.5804)	0.0000	(1.5804)	8
KY_RS	08/01/2021	15	1.7332	3.7525	(2.0193)	0.0000	(2.0193)	8
KY_RS	08/01/2021	16	1.7658	2.5269	(0.7612)	0.0000	(0.7612)	8
KY_RS	08/01/2021	17	1.7389	2.9397	(1.2008)	0.0000	(1.2008)	8
KY_RS	08/01/2021	18	1.8447	1.5367	0.3079	0.3079	0.0000	8
KY_RS	08/01/2021	19	1.8330	0.7257	1.1073	1.1073	0.0000	8
KY_RS	08/01/2021	20	1.7579	0.5305	1.2274	1.2274	0.0000	8
KY_RS	08/01/2021	21	1.6855	0.0249	1.6607	1.6607	0.0000	8
KY_RS	08/01/2021	22	1.5996	0.0000	1.5996	1.5996	0.0000	8
KY_RS	08/01/2021	23	1.4329	0.0000	1.4329	1.4329	0.0000	8
KY_RS	08/01/2021	24	1.2155	0.0000	1.2155	1.2155	0.0000	8
KY_RS	08/02/2021	1	1.0203	0.0000	1.0203	1.0203	0.0000	8
KY_RS	08/02/2021	2	0.8812	0.0000	0.8812	0.8812	0.0000	8
KY_RS	08/02/2021	3	0.7902	0.0000	0.7902	0.7902	0.0000	8
KY_RS	08/02/2021	4	0.7357	0.0000	0.7357	0.7357	0.0000	8
KY_RS	08/02/2021	5	0.7085	0.0000	0.7085	0.7085	0.0000	8
KY_RS	08/02/2021	6	0.7151	0.0000	0.7151	0.7151	0.0000	8
KY_RS	08/02/2021	7	0.7548	0.0000	0.7548	0.7548	0.0000	8
KY_RS	08/02/2021	8	0.8023	0.2092	0.5931	0.5931	0.0000	8
KY_RS	08/02/2021	9	0.8520	1.2162	(0.3642)	0.0000	(0.3642)	8
KY_RS	08/02/2021	10	0.9403	2.4934	(1.5531)	0.0000	(1.5531)	8
KY_RS	08/02/2021	11	1.0467	3.4490	(2.4023)	0.0000	(2.4023)	8
KY_RS	08/02/2021	12	1.1663	4.1423	(2.9760)	0.0000	(2.9760)	8
KY_RS	08/02/2021	13	1.2812	4.5334	(3.2522)	0.0000	(3.2522)	8
KY_RS	08/02/2021	14	1.3738	3.5624	(2.1886)	0.0000	(2.1886)	8
KY_RS	08/02/2021	15	1.4564	3.5074	(2.0509)	0.0000	(2.0509)	8
KY_RS	08/02/2021	16	1.5670	2.7024	(1.1354)	0.0000	(1.1354)	8
KY_RS	08/02/2021	17	1.7042	2.4423	(0.7381)	0.0000	(0.7381)	8
KY_RS	08/02/2021	18	1.8380	2.3330	(0.4950)	0.0000	(0.4950)	8
KY_RS	08/02/2021	19	1.8902	1.7038	0.1864	0.1864	0.0000	8
KY_RS	08/02/2021	20	1.8270	0.5660	1.2609	1.2609	0.0000	8
KY_RS	08/02/2021	21	1.6942	0.0221	1.6721	1.6721	0.0000	8
KY_RS	08/02/2021	22	1.5875	0.0000	1.5875	1.5875	0.0000	8
KY_RS	08/02/2021	23	1.4151	0.0000	1.4151	1.4151	0.0000	8
KY_RS	08/02/2021	24	1.1957	0.0000	1.1957	1.1957	0.0000	8
KY_RS	08/03/2021	1	1.0098	0.0000	1.0098	1.0098	0.0000	8
KY_RS	08/03/2021	2	0.8775	0.0000	0.8775	0.8775	0.0000	8
KY_RS	08/03/2021	3	0.7909	0.0000	0.7909	0.7909	0.0000	8
KY_RS	08/03/2021	4	0.7390	0.0000	0.7390	0.7390	0.0000	8
KY_RS	08/03/2021	5	0.7131	0.0000	0.7131	0.7131	0.0000	8
KY_RS	08/03/2021	6	0.7205	0.0000	0.7205	0.7205	0.0000	8
KY_RS	08/03/2021	7	0.7613	0.0000	0.7613	0.7613	0.0000	8
KY_RS	08/03/2021	8	0.8132	0.2195	0.5937	0.5937	0.0000	8
KY_RS	08/03/2021	9	0.8776	1.2128	(0.3352)	0.0000	(0.3352)	8
KY_RS	08/03/2021	10	0.9741	2.4536	(1.4795)	0.0000	(1.4795)	8
KY_RS	08/03/2021	11	1.0941	3.4305	(2.3365)	0.0000	(2.3365)	8
KY_RS	08/03/2021	12	1.2228	4.0147	(2.7919)	0.0000	(2.7919)	8
KY_RS	08/03/2021	13	1.3438	4.5050	(3.1612)	0.0000	(3.1612)	8
KY_RS	08/03/2021	14	1.4376	4.3656	(2.9280)	0.0000	(2.9280)	8
KY_RS	08/03/2021	15	1.5299	4.3837	(2.8537)	0.0000	(2.8537)	8
KY_RS	08/03/2021	16	1.6229	4.3558	(2.7329)	0.0000	(2.7329)	8
KY_RS	08/03/2021	17	1.7468	3.8206	(2.0738)	0.0000	(2.0738)	8
KY_RS	08/03/2021	18	1.8630	2.9979	(1.1349)	0.0000	(1.1349)	8
KY_RS	08/03/2021	19	1.8855	1.8408	0.0446	0.0446	0.0000	8
KY_RS	08/03/2021	20	1.8155	0.5632	1.2523	1.2523	0.0000	8
KY_RS	08/03/2021	21	1.6983	0.0309	1.6673	1.6673	0.0000	8
KY_RS	08/03/2021	22	1.5972	0.0000	1.5972	1.5972	0.0000	8
KY_RS	08/03/2021	23	1.4330	0.0000	1.4330	1.4330	0.0000	8
KY_RS	08/03/2021	24	1.2176	0.0000	1.2176	1.2176	0.0000	8

KY_RS	08/04/2021	1	1.0331	0.0000	1.0331	1.0331	0.0000	8
KY_RS	08/04/2021	2	0.8956	0.0000	0.8956	0.8956	0.0000	8
KY_RS	08/04/2021	3	0.8098	0.0000	0.8098	0.8098	0.0000	8
KY_RS	08/04/2021	4	0.7537	0.0000	0.7537	0.7537	0.0000	8
KY_RS	08/04/2021	5	0.7235	0.0000	0.7235	0.7235	0.0000	8
KY_RS	08/04/2021	6	0.7294	0.0000	0.7294	0.7294	0.0000	8
KY_RS	08/04/2021	7	0.7706	0.0000	0.7706	0.7706	0.0000	8
KY_RS	08/04/2021	8	0.8212	0.2006	0.6206	0.6206	0.0000	8
KY_RS	08/04/2021	9	0.8849	1.1979	(0.3130)	0.0000	(0.3130)	8
KY_RS	08/04/2021	10	0.9775	2.5009	(1.5233)	0.0000	(1.5233)	8
KY_RS	08/04/2021	11	1.3263	3.4576	(2.1313)	0.0000	(2.1313)	8
KY_RS	08/04/2021	12	1.2228	4.1191	(2.8963)	0.0000	(2.8963)	8
KY_RS	08/04/2021	13	1.3614	4.5224	(3.1610)	0.0000	(3.1610)	8
KY_RS	08/04/2021	14	1.4542	4.6738	(3.2196)	0.0000	(3.2196)	8
KY_RS	08/04/2021	15	1.5496	4.5911	(3.0415)	0.0000	(3.0415)	8
KY_RS	08/04/2021	16	1.6538	4.1786	(2.5249)	0.0000	(2.5249)	8
KY_RS	08/04/2021	17	1.7300	3.5784	(1.8484)	0.0000	(1.8484)	8
KY_RS	08/04/2021	18	1.7891	2.8702	(1.0810)	0.0000	(1.0810)	8
KY_RS	08/04/2021	19	1.8382	1.7406	0.0976	0.0976	0.0000	8
KY_RS	08/04/2021	20	1.7723	0.5402	1.2321	1.2321	0.0000	8
KY_RS	08/04/2021	21	1.7025	0.0130	1.6895	1.6895	0.0000	8
KY_RS	08/04/2021	22	1.6518	0.0000	1.6518	1.6518	0.0000	8
KY_RS	08/04/2021	23	1.5119	0.0000	1.5119	1.5119	0.0000	8
KY_RS	08/04/2021	24	1.3055	0.0000	1.3055	1.3055	0.0000	8
KY_RS	08/05/2021	1	1.1092	0.0000	1.1092	1.1092	0.0000	8
KY_RS	08/05/2021	2	0.9597	0.0000	0.9597	0.9597	0.0000	8
KY_RS	08/05/2021	3	0.8608	0.0000	0.8608	0.8608	0.0000	8
KY_RS	08/05/2021	4	0.8000	0.0000	0.8000	0.8000	0.0000	8
KY_RS	08/05/2021	5	0.7679	0.0000	0.7679	0.7679	0.0000	8
KY_RS	08/05/2021	6	0.7691	0.0000	0.7691	0.7691	0.0000	8
KY_RS	08/05/2021	7	0.8093	0.0000	0.8093	0.8093	0.0000	8
KY_RS	08/05/2021	8	0.8623	0.1800	0.6823	0.6823	0.0000	8
KY_RS	08/05/2021	9	0.9395	1.1625	(0.2230)	0.0000	(0.2230)	8
KY_RS	08/05/2021	10	1.0695	2.4038	(1.3343)	0.0000	(1.3343)	8
KY_RS	08/05/2021	11	1.2305	3.3356	(2.1051)	0.0000	(2.1051)	8
KY_RS	08/05/2021	12	1.4090	3.9925	(2.5835)	0.0000	(2.5835)	8
KY_RS	08/05/2021	13	1.5749	4.2132	(2.6384)	0.0000	(2.6384)	8
KY_RS	08/05/2021	14	1.7137	3.1921	(1.4785)	0.0000	(1.4785)	8
KY_RS	08/05/2021	15	1.8325	3.4005	(1.5680)	0.0000	(1.5680)	8
KY_RS	08/05/2021	16	1.9552	3.8571	(1.9019)	0.0000	(1.9019)	8
KY_RS	08/05/2021	17	2.0891	3.6240	(1.5349)	0.0000	(1.5349)	8
KY_RS	08/05/2021	18	2.2008	2.7932	(0.5925)	0.0000	(0.5925)	8
KY_RS	08/05/2021	19	2.2293	1.6973	0.5320	0.5320	0.0000	8
KY_RS	08/05/2021	20	2.1718	0.5294	1.6424	1.6424	0.0000	8
KY_RS	08/05/2021	21	2.0404	0.0163	2.0241	2.0241	0.0000	8
KY_RS	08/05/2021	22	1.9309	0.0000	1.9309	1.9309	0.0000	8
KY_RS	08/05/2021	23	1.7494	0.0000	1.7494	1.7494	0.0000	8
KY_RS	08/05/2021	24	1.5245	0.0000	1.5245	1.5245	0.0000	8
KY_RS	08/06/2021	1	1.3134	0.0000	1.3134	1.3134	0.0000	8
KY_RS	08/06/2021	2	1.1505	0.0000	1.1505	1.1505	0.0000	8
KY_RS	08/06/2021	3	1.0290	0.0000	1.0290	1.0290	0.0000	8
KY_RS	08/06/2021	4	0.9431	0.0000	0.9431	0.9431	0.0000	8
KY_RS	08/06/2021	5	0.8873	0.0000	0.8873	0.8873	0.0000	8
KY_RS	08/06/2021	6	0.8705	0.0000	0.8705	0.8705	0.0000	8
KY_RS	08/06/2021	7	0.8933	0.0000	0.8933	0.8933	0.0000	8
KY_RS	08/06/2021	8	0.9445	0.1923	0.7522	0.7522	0.0000	8
KY_RS	08/06/2021	9	1.0266	1.1607	(0.1341)	0.0000	(0.1341)	8
KY_RS	08/06/2021	10	1.1371	1.6409	(0.5037)	0.0000	(0.5037)	8
KY_RS	08/06/2021	11	1.2883	3.3550	(2.0667)	0.0000	(2.0667)	8
KY_RS	08/06/2021	12	1.5074	1.7972	(0.2898)	0.0000	(0.2898)	8
KY_RS	08/06/2021	13	1.6772	1.5731	0.1041	0.1041	0.0000	8
KY_RS	08/06/2021	14	1.8159	3.7787	(1.9628)	0.0000	(1.9628)	8
KY_RS	08/06/2021	15	1.9153	1.9832	(0.0678)	0.0000	(0.0678)	8
KY_RS	08/06/2021	16	2.0330	1.7494	0.2836	0.2836	0.0000	8
KY_RS	08/06/2021	17	2.1375	1.5421	0.5954	0.5954	0.0000	8
KY_RS	08/06/2021	18	2.1658	1.2707	0.8951	0.8951	0.0000	8
KY_RS	08/06/2021	19	2.1038	1.4674	0.6364	0.6364	0.0000	8
KY_RS	08/06/2021	20	1.9978	0.4895	1.5083	1.5083	0.0000	8
KY_RS	08/06/2021	21	1.8875	0.0067	1.8808	1.8808	0.0000	8
KY_RS	08/06/2021	22	1.8098	0.0000	1.8098	1.8098	0.0000	8
KY_RS	08/06/2021	23	1.6847	0.0000	1.6847	1.6847	0.0000	8
KY_RS	08/06/2021	24	1.5192	0.0000	1.5192	1.5192	0.0000	8
KY_RS	08/07/2021	1	1.3463	0.0000	1.3463	1.3463	0.0000	8
KY_RS	08/07/2021	2	1.1962	0.0000	1.1962	1.1962	0.0000	8
KY_RS	08/07/2021	3	1.0855	0.0000	1.0855	1.0855	0.0000	8
KY_RS	08/07/2021	4	1.0102	0.0000	1.0102	1.0102	0.0000	8
KY_RS	08/07/2021	5	0.9565	0.0000	0.9565	0.9565	0.0000	8
KY_RS	08/07/2021	6	0.9271	0.0000	0.9271	0.9271	0.0000	8
KY_RS	08/07/2021	7	0.9199	0.0000	0.9199	0.9199	0.0000	8

KY_RS	08/07/2021	8	0.9698	0.2188	0.7510	0.7510	0.0000	8
KY_RS	08/07/2021	9	1.1060	1.0220	0.0840	0.0840	0.0000	8
KY_RS	08/07/2021	10	1.2805	2.1010	(0.8205)	0.0000	(0.8205)	8
KY_RS	08/07/2021	11	1.5122	3.3259	(1.8138)	0.0000	(1.8138)	8
KY_RS	08/07/2021	12	1.6485	4.1001	(2.4515)	0.0000	(2.4515)	8
KY_RS	08/07/2021	13	1.8296	4.5447	(2.7151)	0.0000	(2.7151)	8
KY_RS	08/07/2021	14	1.9723	4.7650	(2.7927)	0.0000	(2.7927)	8
KY_RS	08/07/2021	15	2.0927	2.9043	(0.8116)	0.0000	(0.8116)	8
KY_RS	08/07/2021	16	2.2077	4.0726	(1.8649)	0.0000	(1.8649)	8
KY_RS	08/07/2021	17	2.2868	3.5343	(1.2475)	0.0000	(1.2475)	8
KY_RS	08/07/2021	18	2.3411	2.6113	(0.2702)	0.0000	(0.2702)	8
KY_RS	08/07/2021	19	2.2943	1.6029	0.6913	0.6913	0.0000	8
KY_RS	08/07/2021	20	2.1374	0.5080	1.6293	1.6293	0.0000	8
KY_RS	08/07/2021	21	2.0063	0.0204	1.9859	1.9859	0.0000	8
KY_RS	08/07/2021	22	1.8985	0.0000	1.8985	1.8985	0.0000	8
KY_RS	08/07/2021	23	1.7696	0.0000	1.7696	1.7696	0.0000	8
KY_RS	08/07/2021	24	1.5925	0.0000	1.5925	1.5925	0.0000	8
KY_RS	08/08/2021	1	1.4106	0.0000	1.4106	1.4106	0.0000	8
KY_RS	08/08/2021	2	1.2615	0.0000	1.2615	1.2615	0.0000	8
KY_RS	08/08/2021	3	1.1482	0.0000	1.1482	1.1482	0.0000	8
KY_RS	08/08/2021	4	1.0609	0.0000	1.0609	1.0609	0.0000	8
KY_RS	08/08/2021	5	0.9930	0.0000	0.9930	0.9930	0.0000	8
KY_RS	08/08/2021	6	0.9503	0.0000	0.9503	0.9503	0.0000	8
KY_RS	08/08/2021	7	0.9334	0.0000	0.9334	0.9334	0.0000	8
KY_RS	08/08/2021	8	0.9951	0.1644	0.8307	0.8307	0.0000	8
KY_RS	08/08/2021	9	1.1815	1.1680	0.0135	0.0135	0.0000	8
KY_RS	08/08/2021	10	1.4223	2.4654	(1.0430)	0.0000	(1.0430)	8
KY_RS	08/08/2021	11	1.6690	3.4292	(1.7601)	0.0000	(1.7601)	8
KY_RS	08/08/2021	12	1.8917	3.8218	(1.9300)	0.0000	(1.9300)	8
KY_RS	08/08/2021	13	2.0844	4.2713	(2.1869)	0.0000	(2.1869)	8
KY_RS	08/08/2021	14	2.2303	4.7220	(2.4917)	0.0000	(2.4917)	8
KY_RS	08/08/2021	15	2.3446	4.5414	(2.1969)	0.0000	(2.1969)	8
KY_RS	08/08/2021	16	2.4373	4.0995	(1.6622)	0.0000	(1.6622)	8
KY_RS	08/08/2021	17	2.5414	3.5201	(0.9787)	0.0000	(0.9787)	8
KY_RS	08/08/2021	18	2.5963	2.7316	(0.1353)	0.0000	(0.1353)	8
KY_RS	08/08/2021	19	2.6068	0.4714	2.1354	2.1354	0.0000	8
KY_RS	08/08/2021	20	2.5347	0.1484	2.3863	2.3863	0.0000	8
KY_RS	08/08/2021	21	2.4158	0.0000	2.4158	2.4158	0.0000	8
KY_RS	08/08/2021	22	2.3040	0.0000	2.3040	2.3040	0.0000	8
KY_RS	08/08/2021	23	2.0936	0.0000	2.0936	2.0936	0.0000	8
KY_RS	08/08/2021	24	1.8433	0.0000	1.8433	1.8433	0.0000	8
KY_RS	08/09/2021	1	1.6155	0.0000	1.6155	1.6155	0.0000	8
KY_RS	08/09/2021	2	1.4394	0.0000	1.4394	1.4394	0.0000	8
KY_RS	08/09/2021	3	1.3115	0.0000	1.3115	1.3115	0.0000	8
KY_RS	08/09/2021	4	1.2171	0.0000	1.2171	1.2171	0.0000	8
KY_RS	08/09/2021	5	1.1545	0.0000	1.1545	1.1545	0.0000	8
KY_RS	08/09/2021	6	1.1262	0.0000	1.1262	1.1262	0.0000	8
KY_RS	08/09/2021	7	1.1307	0.0000	1.1307	1.1307	0.0000	8
KY_RS	08/09/2021	8	1.1596	0.1743	0.9853	0.9853	0.0000	8
KY_RS	08/09/2021	9	1.2529	1.1278	0.1250	0.1250	0.0000	8
KY_RS	08/09/2021	10	1.3742	2.4103	(1.0361)	0.0000	(1.0361)	8
KY_RS	08/09/2021	11	1.5001	3.3767	(1.8766)	0.0000	(1.8766)	8
KY_RS	08/09/2021	12	1.5507	4.0989	(2.5482)	0.0000	(2.5482)	8
KY_RS	08/09/2021	13	1.6375	4.5320	(2.8944)	0.0000	(2.8944)	8
KY_RS	08/09/2021	14	1.5986	4.7447	(3.1461)	0.0000	(3.1461)	8
KY_RS	08/09/2021	15	1.5676	4.6869	(3.1193)	0.0000	(3.1193)	8
KY_RS	08/09/2021	16	1.5729	4.3757	(2.8028)	0.0000	(2.8028)	8
KY_RS	08/09/2021	17	1.6314	3.8005	(2.1691)	0.0000	(2.1691)	8
KY_RS	08/09/2021	18	1.7250	2.9627	(1.2377)	0.0000	(1.2377)	8
KY_RS	08/09/2021	19	1.7748	1.7785	(0.0036)	0.0000	(0.0036)	8
KY_RS	08/09/2021	20	1.7501	0.4922	1.2579	1.2579	0.0000	8
KY_RS	08/09/2021	21	1.7139	0.0105	1.7034	1.7034	0.0000	8
KY_RS	08/09/2021	22	1.6790	0.0000	1.6790	1.6790	0.0000	8
KY_RS	08/09/2021	23	1.5500	0.0000	1.5500	1.5500	0.0000	8
KY_RS	08/09/2021	24	1.3665	0.0000	1.3665	1.3665	0.0000	8
KY_RS	08/10/2021	1	1.1963	0.0000	1.1963	1.1963	0.0000	8
KY_RS	08/10/2021	2	1.0797	0.0000	1.0797	1.0797	0.0000	8
KY_RS	08/10/2021	3	1.0091	0.0000	1.0091	1.0091	0.0000	8
KY_RS	08/10/2021	4	0.9659	0.0000	0.9659	0.9659	0.0000	8
KY_RS	08/10/2021	5	0.9459	0.0000	0.9459	0.9459	0.0000	8
KY_RS	08/10/2021	6	0.9597	0.0000	0.9597	0.9597	0.0000	8
KY_RS	08/10/2021	7	1.0133	0.0000	1.0133	1.0133	0.0000	8
KY_RS	08/10/2021	8	1.0929	0.1465	0.9464	0.9464	0.0000	8
KY_RS	08/10/2021	9	1.2148	1.2022	0.0126	0.0126	0.0000	8
KY_RS	08/10/2021	10	1.2183	2.4841	(1.2658)	0.0000	(1.2658)	8
KY_RS	08/10/2021	11	1.2234	2.7040	(1.4806)	0.0000	(1.4806)	8
KY_RS	08/10/2021	12	1.2458	2.9697	(1.7239)	0.0000	(1.7239)	8
KY_RS	08/10/2021	13	1.2912	2.7698	(1.4785)	0.0000	(1.4785)	8
KY_RS	08/10/2021	14	1.3828	4.2267	(2.8439)	0.0000	(2.8439)	8

KY_RS	08/10/2021	15	1.4948	4.7710	(3.2762)	0.0000	(3.2762)	8
KY_RS	08/10/2021	16	1.6379	4.4460	(2.8081)	0.0000	(2.8081)	8
KY_RS	08/10/2021	17	1.8356	3.8480	(2.0124)	0.0000	(2.0124)	8
KY_RS	08/10/2021	18	2.0950	2.9702	(0.8753)	0.0000	(0.8753)	8
KY_RS	08/10/2021	19	2.2415	1.7756	0.4660	0.4660	0.0000	8
KY_RS	08/10/2021	20	2.2268	0.4807	1.7461	1.7461	0.0000	8
KY_RS	08/10/2021	21	2.1637	0.0108	2.1529	2.1529	0.0000	8
KY_RS	08/10/2021	22	2.0975	0.0000	2.0975	2.0975	0.0000	8
KY_RS	08/10/2021	23	1.9270	0.0000	1.9270	1.9270	0.0000	8
KY_RS	08/10/2021	24	1.7236	0.0000	1.7236	1.7236	0.0000	8
KY_RS	08/11/2021	1	1.5447	0.0000	1.5447	1.5447	0.0000	8
KY_RS	08/11/2021	2	1.4104	0.0000	1.4104	1.4104	0.0000	8
KY_RS	08/11/2021	3	1.3096	0.0000	1.3096	1.3096	0.0000	8
KY_RS	08/11/2021	4	1.2353	0.0000	1.2353	1.2353	0.0000	8
KY_RS	08/11/2021	5	1.1900	0.0000	1.1900	1.1900	0.0000	8
KY_RS	08/11/2021	6	1.1874	0.0000	1.1874	1.1874	0.0000	8
KY_RS	08/11/2021	7	1.2225	0.0000	1.2225	1.2225	0.0000	8
KY_RS	08/11/2021	8	1.2756	0.1486	1.1270	1.1270	0.0000	8
KY_RS	08/11/2021	9	1.3411	1.1677	0.1733	0.1733	0.0000	8
KY_RS	08/11/2021	10	1.5331	2.4703	(0.9372)	0.0000	(0.9372)	8
KY_RS	08/11/2021	11	1.7610	3.4382	(1.6772)	0.0000	(1.6772)	8
KY_RS	08/11/2021	12	1.9563	4.0789	(2.1226)	0.0000	(2.1226)	8
KY_RS	08/11/2021	13	2.0948	4.3534	(2.2586)	0.0000	(2.2586)	8
KY_RS	08/11/2021	14	2.2176	4.4299	(2.2123)	0.0000	(2.2123)	8
KY_RS	08/11/2021	15	2.3550	3.7383	(1.3833)	0.0000	(1.3833)	8
KY_RS	08/11/2021	16	2.4628	3.7847	(1.3219)	0.0000	(1.3219)	8
KY_RS	08/11/2021	17	2.5702	3.0930	(0.5228)	0.0000	(0.5228)	8
KY_RS	08/11/2021	18	2.6721	2.0821	0.5901	0.5901	0.0000	8
KY_RS	08/11/2021	19	2.6952	1.3602	1.3350	1.3350	0.0000	8
KY_RS	08/11/2021	20	2.6310	0.4403	2.1908	2.1908	0.0000	8
KY_RS	08/11/2021	21	2.5303	0.0033	2.5270	2.5270	0.0000	8
KY_RS	08/11/2021	22	2.4457	0.0000	2.4457	2.4457	0.0000	8
KY_RS	08/11/2021	23	2.2669	0.0000	2.2669	2.2669	0.0000	8
KY_RS	08/11/2021	24	2.0397	0.0000	2.0397	2.0397	0.0000	8
KY_RS	08/12/2021	1	1.8274	0.0000	1.8274	1.8274	0.0000	8
KY_RS	08/12/2021	2	1.6549	0.0000	1.6549	1.6549	0.0000	8
KY_RS	08/12/2021	3	1.5186	0.0000	1.5186	1.5186	0.0000	8
KY_RS	08/12/2021	4	1.4077	0.0000	1.4077	1.4077	0.0000	8
KY_RS	08/12/2021	5	1.3380	0.0000	1.3380	1.3380	0.0000	8
KY_RS	08/12/2021	6	1.3085	0.0000	1.3085	1.3085	0.0000	8
KY_RS	08/12/2021	7	1.3246	0.0000	1.3246	1.3246	0.0000	8
KY_RS	08/12/2021	8	1.3732	0.1522	1.2209	1.2209	0.0000	8
KY_RS	08/12/2021	9	1.4879	0.5907	0.8973	0.8973	0.0000	8
KY_RS	08/12/2021	10	1.6772	1.0241	0.6531	0.6531	0.0000	8
KY_RS	08/12/2021	11	1.8723	1.3745	0.4978	0.4978	0.0000	8
KY_RS	08/12/2021	12	2.0694	1.9251	0.1442	0.1442	0.0000	8
KY_RS	08/12/2021	13	2.2366	2.5022	(0.2656)	0.0000	(0.2656)	8
KY_RS	08/12/2021	14	2.3715	1.7355	0.6360	0.6360	0.0000	8
KY_RS	08/12/2021	15	2.4961	2.1601	0.3360	0.3360	0.0000	8
KY_RS	08/12/2021	16	2.6160	2.2580	0.3580	0.3580	0.0000	8
KY_RS	08/12/2021	17	2.7236	1.3538	1.3697	1.3697	0.0000	8
KY_RS	08/12/2021	18	2.7987	0.4124	2.3863	2.3863	0.0000	8
KY_RS	08/12/2021	19	2.7932	0.7725	2.0207	2.0207	0.0000	8
KY_RS	08/12/2021	20	2.7194	0.4492	2.2703	2.2703	0.0000	8
KY_RS	08/12/2021	21	2.6301	0.0000	2.6301	2.6301	0.0000	8
KY_RS	08/12/2021	22	2.5392	0.0000	2.5392	2.5392	0.0000	8
KY_RS	08/12/2021	23	2.2917	0.0000	2.2917	2.2917	0.0000	8
KY_RS	08/12/2021	24	2.0292	0.0000	2.0292	2.0292	0.0000	8
KY_RS	08/13/2021	1	1.8014	0.0000	1.8014	1.8014	0.0000	8
KY_RS	08/13/2021	2	1.6045	0.0000	1.6045	1.6045	0.0000	8
KY_RS	08/13/2021	3	1.4492	0.0000	1.4492	1.4492	0.0000	8
KY_RS	08/13/2021	4	1.3351	0.0000	1.3351	1.3351	0.0000	8
KY_RS	08/13/2021	5	1.2580	0.0000	1.2580	1.2580	0.0000	8
KY_RS	08/13/2021	6	1.2274	0.0000	1.2274	1.2274	0.0000	8
KY_RS	08/13/2021	7	1.2305	0.0000	1.2305	1.2305	0.0000	8
KY_RS	08/13/2021	8	1.2670	0.1052	1.1619	1.1619	0.0000	8
KY_RS	08/13/2021	9	1.3606	0.3778	0.9828	0.9828	0.0000	8
KY_RS	08/13/2021	10	1.5772	0.2064	1.3708	1.3708	0.0000	8
KY_RS	08/13/2021	11	1.8036	0.6627	1.1409	1.1409	0.0000	8
KY_RS	08/13/2021	12	2.0129	1.6726	0.3404	0.3404	0.0000	8
KY_RS	08/13/2021	13	2.1712	2.6049	(0.4336)	0.0000	(0.4336)	8
KY_RS	08/13/2021	14	2.2791	3.6616	(1.3826)	0.0000	(1.3826)	8
KY_RS	08/13/2021	15	2.2515	2.5074	(0.2559)	0.0000	(0.2559)	8
KY_RS	08/13/2021	16	2.1982	3.4459	(1.2478)	0.0000	(1.2478)	8
KY_RS	08/13/2021	17	2.2998	2.2783	0.0215	0.0215	0.0000	8
KY_RS	08/13/2021	18	2.3624	2.2725	0.0899	0.0899	0.0000	8
KY_RS	08/13/2021	19	2.4511	1.6309	0.8202	0.8202	0.0000	8
KY_RS	08/13/2021	20	2.3667	0.4421	1.9246	1.9246	0.0000	8
KY_RS	08/13/2021	21	2.2322	0.0000	2.2322	2.2322	0.0000	8

2.7236

1.3697

KY_RS	08/13/2021	22	2.0513	0.0000	2.0513	2.0513	0.0000	8
KY_RS	08/13/2021	23	1.8746	0.0000	1.8746	1.8746	0.0000	8
KY_RS	08/13/2021	24	1.6754	0.0000	1.6754	1.6754	0.0000	8
KY_RS	08/14/2021	1	1.4831	0.0000	1.4831	1.4831	0.0000	8
KY_RS	08/14/2021	2	1.3266	0.0000	1.3266	1.3266	0.0000	8
KY_RS	08/14/2021	3	1.2106	0.0000	1.2106	1.2106	0.0000	8
KY_RS	08/14/2021	4	1.1223	0.0000	1.1223	1.1223	0.0000	8
KY_RS	08/14/2021	5	1.0623	0.0000	1.0623	1.0623	0.0000	8
KY_RS	08/14/2021	6	1.0243	0.0000	1.0243	1.0243	0.0000	8
KY_RS	08/14/2021	7	1.0167	0.0000	1.0167	1.0167	0.0000	8
KY_RS	08/14/2021	8	1.0659	0.1546	0.9114	0.9114	0.0000	8
KY_RS	08/14/2021	9	1.1608	1.1035	0.0573	0.0573	0.0000	8
KY_RS	08/14/2021	10	1.2627	0.9828	0.2799	0.2799	0.0000	8
KY_RS	08/14/2021	11	1.4171	2.1015	(0.6844)	0.0000	(0.6844)	8
KY_RS	08/14/2021	12	1.6003	3.4146	(1.8143)	0.0000	(1.8143)	8
KY_RS	08/14/2021	13	1.7724	3.6228	(1.8504)	0.0000	(1.8504)	8
KY_RS	08/14/2021	14	1.8593	3.7271	(1.8678)	0.0000	(1.8678)	8
KY_RS	08/14/2021	15	1.9518	3.6354	(1.6836)	0.0000	(1.6836)	8
KY_RS	08/14/2021	16	2.0261	3.6636	(1.6375)	0.0000	(1.6375)	8
KY_RS	08/14/2021	17	2.0905	2.8838	(0.7933)	0.0000	(0.7933)	8
KY_RS	08/14/2021	18	2.1242	2.6712	(0.5470)	0.0000	(0.5470)	8
KY_RS	08/14/2021	19	2.0902	1.5611	0.5291	0.5291	0.0000	8
KY_RS	08/14/2021	20	1.9442	0.2628	1.6814	1.6814	0.0000	8
KY_RS	08/14/2021	21	1.8138	0.0000	1.8138	1.8138	0.0000	8
KY_RS	08/14/2021	22	1.7449	0.0000	1.7449	1.7449	0.0000	8
KY_RS	08/14/2021	23	1.6427	0.0000	1.6427	1.6427	0.0000	8
KY_RS	08/14/2021	24	1.4979	0.0000	1.4979	1.4979	0.0000	8
KY_RS	08/15/2021	1	1.3349	0.0000	1.3349	1.3349	0.0000	8
KY_RS	08/15/2021	2	1.1951	0.0000	1.1951	1.1951	0.0000	8
KY_RS	08/15/2021	3	1.0903	0.0000	1.0903	1.0903	0.0000	8
KY_RS	08/15/2021	4	1.0072	0.0000	1.0072	1.0072	0.0000	8
KY_RS	08/15/2021	5	0.9421	0.0000	0.9421	0.9421	0.0000	8
KY_RS	08/15/2021	6	0.8948	0.0000	0.8948	0.8948	0.0000	8
KY_RS	08/15/2021	7	0.8708	0.0000	0.8708	0.8708	0.0000	8
KY_RS	08/15/2021	8	0.8916	0.1397	0.7519	0.7519	0.0000	8
KY_RS	08/15/2021	9	0.9692	1.1068	(0.1376)	0.0000	(0.1376)	8
KY_RS	08/15/2021	10	1.0666	2.3973	(1.3307)	0.0000	(1.3307)	8
KY_RS	08/15/2021	11	1.1429	3.3749	(2.2319)	0.0000	(2.2319)	8
KY_RS	08/15/2021	12	1.2103	4.0367	(2.8265)	0.0000	(2.8265)	8
KY_RS	08/15/2021	13	1.3489	3.0206	(1.6717)	0.0000	(1.6717)	8
KY_RS	08/15/2021	14	1.4773	3.9123	(2.4350)	0.0000	(2.4350)	8
KY_RS	08/15/2021	15	1.5602	3.9695	(2.4093)	0.0000	(2.4093)	8
KY_RS	08/15/2021	16	1.6513	3.5942	(1.9429)	0.0000	(1.9429)	8
KY_RS	08/15/2021	17	1.6982	2.0872	(0.3891)	0.0000	(0.3891)	8
KY_RS	08/15/2021	18	1.7314	1.9519	(0.2205)	0.0000	(0.2205)	8
KY_RS	08/15/2021	19	1.7255	1.5508	0.1747	0.1747	0.0000	8
KY_RS	08/15/2021	20	1.6837	0.4499	1.2338	1.2338	0.0000	8
KY_RS	08/15/2021	21	1.6560	0.0000	1.6560	1.6560	0.0000	8
KY_RS	08/15/2021	22	1.6148	0.0000	1.6148	1.6148	0.0000	8
KY_RS	08/15/2021	23	1.4677	0.0000	1.4677	1.4677	0.0000	8
KY_RS	08/15/2021	24	1.2821	0.0000	1.2821	1.2821	0.0000	8
KY_RS	08/16/2021	1	1.1201	0.0000	1.1201	1.1201	0.0000	8
KY_RS	08/16/2021	2	0.9953	0.0000	0.9953	0.9953	0.0000	8
KY_RS	08/16/2021	3	0.9148	0.0000	0.9148	0.9148	0.0000	8
KY_RS	08/16/2021	4	0.8661	0.0000	0.8661	0.8661	0.0000	8
KY_RS	08/16/2021	5	0.8458	0.0000	0.8458	0.8458	0.0000	8
KY_RS	08/16/2021	6	0.8635	0.0000	0.8635	0.8635	0.0000	8
KY_RS	08/16/2021	7	0.9227	0.0000	0.9227	0.9227	0.0000	8
KY_RS	08/16/2021	8	0.9663	0.1561	0.8102	0.8102	0.0000	8
KY_RS	08/16/2021	9	0.9806	1.0844	(0.1037)	0.0000	(0.1037)	8
KY_RS	08/16/2021	10	1.0210	2.3389	(1.3179)	0.0000	(1.3179)	8
KY_RS	08/16/2021	11	1.0831	3.3188	(2.2358)	0.0000	(2.2358)	8
KY_RS	08/16/2021	12	1.1914	3.8807	(2.6894)	0.0000	(2.6894)	8
KY_RS	08/16/2021	13	1.2951	4.4080	(3.1128)	0.0000	(3.1128)	8
KY_RS	08/16/2021	14	1.3764	4.2624	(2.8861)	0.0000	(2.8861)	8
KY_RS	08/16/2021	15	1.5205	3.6307	(2.1102)	0.0000	(2.1102)	8
KY_RS	08/16/2021	16	1.6647	4.1053	(2.4407)	0.0000	(2.4407)	8
KY_RS	08/16/2021	17	1.7700	2.4730	(0.7030)	0.0000	(0.7030)	8
KY_RS	08/16/2021	18	1.8670	2.2651	(0.3981)	0.0000	(0.3981)	8
KY_RS	08/16/2021	19	1.8872	1.4662	0.4210	0.4210	0.0000	8
KY_RS	08/16/2021	20	1.8852	0.3882	1.4969	1.4969	0.0000	8
KY_RS	08/16/2021	21	1.8448	0.0000	1.8448	1.8448	0.0000	8
KY_RS	08/16/2021	22	1.7770	0.0000	1.7770	1.7770	0.0000	8
KY_RS	08/16/2021	23	1.6144	0.0000	1.6144	1.6144	0.0000	8
KY_RS	08/16/2021	24	1.4067	0.0000	1.4067	1.4067	0.0000	8
KY_RS	08/17/2021	1	1.2303	0.0000	1.2303	1.2303	0.0000	8
KY_RS	08/17/2021	2	1.1052	0.0000	1.1052	1.1052	0.0000	8
KY_RS	08/17/2021	3	1.0208	0.0000	1.0208	1.0208	0.0000	8
KY_RS	08/17/2021	4	0.9642	0.0000	0.9642	0.9642	0.0000	8

KY_RS	08/17/2021	5	0.9300	0.0000	0.9300	0.9300	0.0000	8
KY_RS	08/17/2021	6	0.9397	0.0000	0.9397	0.9397	0.0000	8
KY_RS	08/17/2021	7	0.9977	0.0000	0.9977	0.9977	0.0000	8
KY_RS	08/17/2021	8	1.0469	0.1316	0.9153	0.9153	0.0000	8
KY_RS	08/17/2021	9	1.0683	0.7361	0.3322	0.3322	0.0000	8
KY_RS	08/17/2021	10	1.1183	1.4015	(0.2832)	0.0000	(0.2832)	8
KY_RS	08/17/2021	11	1.2384	2.5419	(1.3035)	0.0000	(1.3035)	8
KY_RS	08/17/2021	12	1.4176	4.0170	(2.5994)	0.0000	(2.5994)	8
KY_RS	08/17/2021	13	1.5877	3.5889	(2.0012)	0.0000	(2.0012)	8
KY_RS	08/17/2021	14	1.7448	2.2765	(0.5317)	0.0000	(0.5317)	8
KY_RS	08/17/2021	15	1.8907	1.2080	0.6827	0.6827	0.0000	8
KY_RS	08/17/2021	16	2.0164	2.2469	(0.2305)	0.0000	(0.2305)	8
KY_RS	08/17/2021	17	2.0565	2.6677	(0.6112)	0.0000	(0.6112)	8
KY_RS	08/17/2021	18	2.0809	2.2090	(0.1280)	0.0000	(0.1280)	8
KY_RS	08/17/2021	19	2.0768	1.1549	0.9219	0.9219	0.0000	8
KY_RS	08/17/2021	20	2.0286	0.3873	1.6413	1.6413	0.0000	8
KY_RS	08/17/2021	21	1.9940	0.0000	1.9940	1.9940	0.0000	8
KY_RS	08/17/2021	22	1.9287	0.0000	1.9287	1.9287	0.0000	8
KY_RS	08/17/2021	23	1.7474	0.0000	1.7474	1.7474	0.0000	8
KY_RS	08/17/2021	24	1.5112	0.0000	1.5112	1.5112	0.0000	8
KY_RS	08/18/2021	1	1.3147	0.0000	1.3147	1.3147	0.0000	8
KY_RS	08/18/2021	2	1.1791	0.0000	1.1791	1.1791	0.0000	8
KY_RS	08/18/2021	3	1.0799	0.0000	1.0799	1.0799	0.0000	8
KY_RS	08/18/2021	4	1.0164	0.0000	1.0164	1.0164	0.0000	8
KY_RS	08/18/2021	5	0.9770	0.0000	0.9770	0.9770	0.0000	8
KY_RS	08/18/2021	6	0.9914	0.0000	0.9914	0.9914	0.0000	8
KY_RS	08/18/2021	7	1.0668	0.0000	1.0668	1.0668	0.0000	8
KY_RS	08/18/2021	8	1.0869	0.1325	0.9544	0.9544	0.0000	8
KY_RS	08/18/2021	9	1.1259	0.8629	0.2630	0.2630	0.0000	8
KY_RS	08/18/2021	10	1.2858	2.0830	(0.7971)	0.0000	(0.7971)	8
KY_RS	08/18/2021	11	1.4447	2.6244	(1.1797)	0.0000	(1.1797)	8
KY_RS	08/18/2021	12	1.5834	3.5546	(1.9713)	0.0000	(1.9713)	8
KY_RS	08/18/2021	13	1.7575	3.7075	(1.9501)	0.0000	(1.9501)	8
KY_RS	08/18/2021	14	1.9088	3.4764	(1.5676)	0.0000	(1.5676)	8
KY_RS	08/18/2021	15	2.0411	3.6245	(1.5834)	0.0000	(1.5834)	8
KY_RS	08/18/2021	16	2.1815	3.4554	(1.2739)	0.0000	(1.2739)	8
KY_RS	08/18/2021	17	2.3433	3.5034	(1.1601)	0.0000	(1.1601)	8
KY_RS	08/18/2021	18	2.4369	2.6062	(0.1692)	0.0000	(0.1692)	8
KY_RS	08/18/2021	19	2.4441	1.4732	0.9710	0.9710	0.0000	8
KY_RS	08/18/2021	20	2.3559	0.3464	2.0095	2.0095	0.0000	8
KY_RS	08/18/2021	21	2.2906	0.0000	2.2906	2.2906	0.0000	8
KY_RS	08/18/2021	22	2.2014	0.0000	2.2014	2.2014	0.0000	8
KY_RS	08/18/2021	23	2.0142	0.0000	2.0142	2.0142	0.0000	8
KY_RS	08/18/2021	24	1.7964	0.0000	1.7964	1.7964	0.0000	8
KY_RS	08/19/2021	1	1.6063	0.0000	1.6063	1.6063	0.0000	8
KY_RS	08/19/2021	2	1.4579	0.0000	1.4579	1.4579	0.0000	8
KY_RS	08/19/2021	3	1.3486	0.0000	1.3486	1.3486	0.0000	8
KY_RS	08/19/2021	4	1.2699	0.0000	1.2699	1.2699	0.0000	8
KY_RS	08/19/2021	5	1.2186	0.0000	1.2186	1.2186	0.0000	8
KY_RS	08/19/2021	6	1.2098	0.0000	1.2098	1.2098	0.0000	8
KY_RS	08/19/2021	7	1.2654	0.0000	1.2654	1.2654	0.0000	8
KY_RS	08/19/2021	8	1.2804	0.1362	1.1441	1.1441	0.0000	8
KY_RS	08/19/2021	9	1.2361	1.0284	0.2077	0.2077	0.0000	8
KY_RS	08/19/2021	10	1.2171	2.2501	(1.0330)	0.0000	(1.0330)	8
KY_RS	08/19/2021	11	1.2206	3.1914	(1.9708)	0.0000	(1.9708)	8
KY_RS	08/19/2021	12	1.2674	3.8710	(2.6036)	0.0000	(2.6036)	8
KY_RS	08/19/2021	13	1.4113	4.2760	(2.8647)	0.0000	(2.8647)	8
KY_RS	08/19/2021	14	1.6184	4.1786	(2.5602)	0.0000	(2.5602)	8
KY_RS	08/19/2021	15	1.7926	4.0805	(2.2879)	0.0000	(2.2879)	8
KY_RS	08/19/2021	16	1.9690	4.0844	(2.1155)	0.0000	(2.1155)	8
KY_RS	08/19/2021	17	2.1315	3.4844	(1.3529)	0.0000	(1.3529)	8
KY_RS	08/19/2021	18	2.2688	2.0705	0.1982	0.1982	0.0000	8
KY_RS	08/19/2021	19	2.2851	1.4529	0.8323	0.8323	0.0000	8
KY_RS	08/19/2021	20	2.1980	0.3650	1.8330	1.8330	0.0000	8
KY_RS	08/19/2021	21	2.1028	0.0000	2.1028	2.1028	0.0000	8
KY_RS	08/19/2021	22	2.0054	0.0000	2.0054	2.0054	0.0000	8
KY_RS	08/19/2021	23	1.8069	0.0000	1.8069	1.8069	0.0000	8
KY_RS	08/19/2021	24	1.5629	0.0000	1.5629	1.5629	0.0000	8
KY_RS	08/20/2021	1	1.3524	0.0000	1.3524	1.3524	0.0000	8
KY_RS	08/20/2021	2	1.1947	0.0000	1.1947	1.1947	0.0000	8
KY_RS	08/20/2021	3	1.0819	0.0000	1.0819	1.0819	0.0000	8
KY_RS	08/20/2021	4	1.0042	0.0000	1.0042	1.0042	0.0000	8
KY_RS	08/20/2021	5	0.9557	0.0000	0.9557	0.9557	0.0000	8
KY_RS	08/20/2021	6	0.9587	0.0000	0.9587	0.9587	0.0000	8
KY_RS	08/20/2021	7	1.0249	0.0000	1.0249	1.0249	0.0000	8
KY_RS	08/20/2021	8	1.0620	0.0931	0.9688	0.9688	0.0000	8
KY_RS	08/20/2021	9	1.1341	0.9568	0.1774	0.1774	0.0000	8
KY_RS	08/20/2021	10	1.2949	2.0722	(0.7774)	0.0000	(0.7774)	8
KY_RS	08/20/2021	11	1.4779	2.7408	(1.2629)	0.0000	(1.2629)	8

KY_RS	08/20/2021	12	1.6601	3.5759	(1.9157)	0.0000	(1.9157)	8
KY_RS	08/20/2021	13	1.8212	1.5085	0.3127	0.3127	0.0000	8
KY_RS	08/20/2021	14	1.9439	2.0642	(0.1203)	0.0000	(0.1203)	8
KY_RS	08/20/2021	15	2.0657	0.9961	1.0696	1.0696	0.0000	8
KY_RS	08/20/2021	16	2.1968	2.1059	0.0909	0.0909	0.0000	8
KY_RS	08/20/2021	17	2.3105	0.1808	2.1297	2.1297	0.0000	8
KY_RS	08/20/2021	18	2.3707	0.1043	2.2664	2.2664	0.0000	8
KY_RS	08/20/2021	19	2.3265	0.3915	1.9349	1.9349	0.0000	8
KY_RS	08/20/2021	20	2.1935	0.2543	1.9391	1.9391	0.0000	8
KY_RS	08/20/2021	21	2.0744	0.0000	2.0744	2.0744	0.0000	8
KY_RS	08/20/2021	22	1.9810	0.0000	1.9810	1.9810	0.0000	8
KY_RS	08/20/2021	23	1.8362	0.0000	1.8362	1.8362	0.0000	8
KY_RS	08/20/2021	24	1.6493	0.0000	1.6493	1.6493	0.0000	8
KY_RS	08/21/2021	1	1.4578	0.0000	1.4578	1.4578	0.0000	8
KY_RS	08/21/2021	2	1.2927	0.0000	1.2927	1.2927	0.0000	8
KY_RS	08/21/2021	3	1.1683	0.0000	1.1683	1.1683	0.0000	8
KY_RS	08/21/2021	4	1.0739	0.0000	1.0739	1.0739	0.0000	8
KY_RS	08/21/2021	5	1.0047	0.0000	1.0047	1.0047	0.0000	8
KY_RS	08/21/2021	6	0.9614	0.0000	0.9614	0.9614	0.0000	8
KY_RS	08/21/2021	7	0.9442	0.0000	0.9442	0.9442	0.0000	8
KY_RS	08/21/2021	8	0.9976	0.1173	0.8803	0.8803	0.0000	8
KY_RS	08/21/2021	9	1.1787	1.0787	0.1000	0.1000	0.0000	8
KY_RS	08/21/2021	10	1.4157	2.4042	(0.9885)	0.0000	(0.9885)	8
KY_RS	08/21/2021	11	1.6457	1.2746	0.3710	0.3710	0.0000	8
KY_RS	08/21/2021	12	1.8390	2.8670	(1.0280)	0.0000	(1.0280)	8
KY_RS	08/21/2021	13	2.0056	3.0159	(1.0102)	0.0000	(1.0102)	8
KY_RS	08/21/2021	14	2.1388	3.5852	(1.4464)	0.0000	(1.4464)	8
KY_RS	08/21/2021	15	2.2542	3.6916	(1.4374)	0.0000	(1.4374)	8
KY_RS	08/21/2021	16	2.3557	4.1648	(1.8091)	0.0000	(1.8091)	8
KY_RS	08/21/2021	17	2.3961	3.5651	(1.1691)	0.0000	(1.1691)	8
KY_RS	08/21/2021	18	2.4304	2.6347	(0.2044)	0.0000	(0.2044)	8
KY_RS	08/21/2021	19	2.4035	1.4672	0.9362	0.9362	0.0000	8
KY_RS	08/21/2021	20	2.2777	0.3558	1.9219	1.9219	0.0000	8
KY_RS	08/21/2021	21	2.1500	0.0000	2.1500	2.1500	0.0000	8
KY_RS	08/21/2021	22	2.0519	0.0000	2.0519	2.0519	0.0000	8
KY_RS	08/21/2021	23	1.9040	0.0000	1.9040	1.9040	0.0000	8
KY_RS	08/21/2021	24	1.7050	0.0000	1.7050	1.7050	0.0000	8
KY_RS	08/22/2021	1	1.5166	0.0000	1.5166	1.5166	0.0000	8
KY_RS	08/22/2021	2	1.3506	0.0000	1.3506	1.3506	0.0000	8
KY_RS	08/22/2021	3	1.2190	0.0000	1.2190	1.2190	0.0000	8
KY_RS	08/22/2021	4	1.1230	0.0000	1.1230	1.1230	0.0000	8
KY_RS	08/22/2021	5	1.0509	0.0000	1.0509	1.0509	0.0000	8
KY_RS	08/22/2021	6	1.0006	0.0000	1.0006	1.0006	0.0000	8
KY_RS	08/22/2021	7	0.9758	0.0000	0.9758	0.9758	0.0000	8
KY_RS	08/22/2021	8	1.0212	0.1055	0.9156	0.9156	0.0000	8
KY_RS	08/22/2021	9	1.2122	0.2499	0.9622	0.9622	0.0000	8
KY_RS	08/22/2021	10	1.4829	0.7014	0.7815	0.7815	0.0000	8
KY_RS	08/22/2021	11	1.7571	1.2638	0.4933	0.4933	0.0000	8
KY_RS	08/22/2021	12	1.9924	0.9671	1.0253	1.0253	0.0000	8
KY_RS	08/22/2021	13	2.1828	1.1150	1.0678	1.0678	0.0000	8
KY_RS	08/22/2021	14	2.3225	2.4937	(0.1712)	0.0000	(0.1712)	8
KY_RS	08/22/2021	15	2.4237	0.7370	1.6866	1.6866	0.0000	8
KY_RS	08/22/2021	16	2.5036	1.9979	0.5057	0.5057	0.0000	8
KY_RS	08/22/2021	17	2.5629	2.2156	0.3473	0.3473	0.0000	8
KY_RS	08/22/2021	18	2.6326	0.7730	1.8596	1.8596	0.0000	8
KY_RS	08/22/2021	19	2.6389	0.9350	1.7039	1.7039	0.0000	8
KY_RS	08/22/2021	20	2.5860	0.2151	2.3709	2.3709	0.0000	8
KY_RS	08/22/2021	21	2.4788	0.0000	2.4788	2.4788	0.0000	8
KY_RS	08/22/2021	22	2.3382	0.0000	2.3382	2.3382	0.0000	8
KY_RS	08/22/2021	23	2.0920	0.0000	2.0920	2.0920	0.0000	8
KY_RS	08/22/2021	24	1.8222	0.0000	1.8222	1.8222	0.0000	8
KY_RS	08/23/2021	1	1.5923	0.0000	1.5923	1.5923	0.0000	8
KY_RS	08/23/2021	2	1.4234	0.0000	1.4234	1.4234	0.0000	8
KY_RS	08/23/2021	3	1.2963	0.0000	1.2963	1.2963	0.0000	8
KY_RS	08/23/2021	4	1.2027	0.0000	1.2027	1.2027	0.0000	8
KY_RS	08/23/2021	5	1.1405	0.0000	1.1405	1.1405	0.0000	8
KY_RS	08/23/2021	6	1.1282	0.0000	1.1282	1.1282	0.0000	8
KY_RS	08/23/2021	7	1.1769	0.0000	1.1769	1.1769	0.0000	8
KY_RS	08/23/2021	8	1.1994	0.0000	1.1994	1.1994	0.0000	8
KY_RS	08/23/2021	9	1.2620	0.1781	1.0840	1.0840	0.0000	8
KY_RS	08/23/2021	10	1.4383	1.2359	0.2024	0.2024	0.0000	8
KY_RS	08/23/2021	11	1.6654	1.6727	(0.0073)	0.0000	(0.0073)	8
KY_RS	08/23/2021	12	1.9070	2.5173	(0.6103)	0.0000	(0.6103)	8
KY_RS	08/23/2021	13	2.1054	2.7899	(0.6845)	0.0000	(0.6845)	8
KY_RS	08/23/2021	14	2.2445	3.3293	(1.0847)	0.0000	(1.0847)	8
KY_RS	08/23/2021	15	2.3648	3.4003	(1.0355)	0.0000	(1.0355)	8
KY_RS	08/23/2021	16	2.4918	1.6930	0.7988	0.7988	0.0000	8
KY_RS	08/23/2021	17	2.6341	2.0264	0.6078	0.6078	0.0000	8
KY_RS	08/23/2021	18	2.7506	1.8005	0.9501	0.9501	0.0000	8

KY_RS	08/23/2021	19	2.7494	0.6329	2.1165	2.1165	0.0000	8
KY_RS	08/23/2021	20	2.6460	0.3125	2.3335	2.3335	0.0000	8
KY_RS	08/23/2021	21	2.5492	0.0000	2.5492	2.5492	0.0000	8
KY_RS	08/23/2021	22	2.4200	0.0000	2.4200	2.4200	0.0000	8
KY_RS	08/23/2021	23	2.1858	0.0000	2.1858	2.1858	0.0000	8
KY_RS	08/23/2021	24	1.9365	0.0000	1.9365	1.9365	0.0000	8
KY_RS	08/24/2021	1	1.7222	0.0000	1.7222	1.7222	0.0000	8
KY_RS	08/24/2021	2	1.5556	0.0000	1.5556	1.5556	0.0000	8
KY_RS	08/24/2021	3	1.4260	0.0000	1.4260	1.4260	0.0000	8
KY_RS	08/24/2021	4	1.3373	0.0000	1.3373	1.3373	0.0000	8
KY_RS	08/24/2021	5	1.2687	0.0000	1.2687	1.2687	0.0000	8
KY_RS	08/24/2021	6	1.2495	0.0000	1.2495	1.2495	0.0000	8
KY_RS	08/24/2021	7	1.2885	0.0000	1.2885	1.2885	0.0000	8
KY_RS	08/24/2021	8	1.2995	0.1042	1.1953	1.1953	0.0000	8
KY_RS	08/24/2021	9	1.3618	1.1588	0.2030	0.2030	0.0000	8
KY_RS	08/24/2021	10	1.5412	2.5958	(1.0546)	0.0000	(1.0546)	8
KY_RS	08/24/2021	11	1.7593	3.6528	(1.8935)	0.0000	(1.8935)	8
KY_RS	08/24/2021	12	1.9669	4.3996	(2.4327)	0.0000	(2.4327)	8
KY_RS	08/24/2021	13	2.1469	4.8317	(2.6847)	0.0000	(2.6847)	8
KY_RS	08/24/2021	14	2.2888	4.8739	(2.5851)	0.0000	(2.5851)	8
KY_RS	08/24/2021	15	2.4111	4.5445	(2.1334)	0.0000	(2.1334)	8
KY_RS	08/24/2021	16	2.5493	3.9349	(1.3856)	0.0000	(1.3856)	8
KY_RS	08/24/2021	17	2.6806	3.7422	(1.0616)	0.0000	(1.0616)	8
KY_RS	08/24/2021	18	2.7833	2.9141	(0.1308)	0.0000	(0.1308)	8
KY_RS	08/24/2021	19	2.8092	1.6071	1.2020	1.2020	0.0000	8
KY_RS	08/24/2021	20	2.7307	0.3227	2.4080	2.4080	0.0000	8
KY_RS	08/24/2021	21	2.6271	0.0000	2.6271	2.6271	0.0000	8
KY_RS	08/24/2021	22	2.5003	0.0000	2.5003	2.5003	0.0000	8
KY_RS	08/24/2021	23	2.2725	0.0000	2.2725	2.2725	0.0000	8
KY_RS	08/24/2021	24	2.0154	0.0000	2.0154	2.0154	0.0000	8
KY_RS	08/25/2021	1	1.7954	0.0000	1.7954	1.7954	0.0000	8
KY_RS	08/25/2021	2	1.6302	0.0000	1.6302	1.6302	0.0000	8
KY_RS	08/25/2021	3	1.5106	0.0000	1.5106	1.5106	0.0000	8
KY_RS	08/25/2021	4	1.4216	0.0000	1.4216	1.4216	0.0000	8
KY_RS	08/25/2021	5	1.3592	0.0000	1.3592	1.3592	0.0000	8
KY_RS	08/25/2021	6	1.3466	0.0000	1.3466	1.3466	0.0000	8
KY_RS	08/25/2021	7	1.3919	0.0000	1.3919	1.3919	0.0000	8
KY_RS	08/25/2021	8	1.4027	0.0743	1.3283	1.3283	0.0000	8
KY_RS	08/25/2021	9	1.4476	0.7861	0.6615	0.6615	0.0000	8
KY_RS	08/25/2021	10	1.5333	2.3530	(0.8197)	0.0000	(0.8197)	8
KY_RS	08/25/2021	11	1.6335	3.3727	(1.7392)	0.0000	(1.7392)	8
KY_RS	08/25/2021	12	1.7483	4.1667	(2.4184)	0.0000	(2.4184)	8
KY_RS	08/25/2021	13	1.6903	4.1081	(2.4178)	0.0000	(2.4178)	8
KY_RS	08/25/2021	14	1.5894	4.3306	(2.7412)	0.0000	(2.7412)	8
KY_RS	08/25/2021	15	1.6080	4.3360	(2.7280)	0.0000	(2.7280)	8
KY_RS	08/25/2021	16	1.7550	4.2230	(2.4681)	0.0000	(2.4681)	8
KY_RS	08/25/2021	17	1.9166	3.6592	(1.7425)	0.0000	(1.7425)	8
KY_RS	08/25/2021	18	2.0974	2.3336	(0.2362)	0.0000	(0.2362)	8
KY_RS	08/25/2021	19	2.1534	1.3676	0.7858	0.7858	0.0000	8
KY_RS	08/25/2021	20	2.1384	0.2751	1.8633	1.8633	0.0000	8
KY_RS	08/25/2021	21	2.0566	0.0000	2.0566	2.0566	0.0000	8
KY_RS	08/25/2021	22	1.9652	0.0000	1.9652	1.9652	0.0000	8
KY_RS	08/25/2021	23	1.7647	0.0000	1.7647	1.7647	0.0000	8
KY_RS	08/25/2021	24	1.5437	0.0000	1.5437	1.5437	0.0000	8
KY_RS	08/26/2021	1	1.3497	0.0000	1.3497	1.3497	0.0000	8
KY_RS	08/26/2021	2	1.2161	0.0000	1.2161	1.2161	0.0000	8
KY_RS	08/26/2021	3	1.1210	0.0000	1.1210	1.1210	0.0000	8
KY_RS	08/26/2021	4	1.0606	0.0000	1.0606	1.0606	0.0000	8
KY_RS	08/26/2021	5	1.0229	0.0000	1.0229	1.0229	0.0000	8
KY_RS	08/26/2021	6	1.0375	0.0000	1.0375	1.0375	0.0000	8
KY_RS	08/26/2021	7	1.1123	0.0000	1.1123	1.1123	0.0000	8
KY_RS	08/26/2021	8	1.1475	0.0156	1.1319	1.1319	0.0000	8
KY_RS	08/26/2021	9	1.2140	0.2314	0.9826	0.9826	0.0000	8
KY_RS	08/26/2021	10	1.3738	0.2026	1.1712	1.1712	0.0000	8
KY_RS	08/26/2021	11	1.5769	0.3744	1.2024	1.2024	0.0000	8
KY_RS	08/26/2021	12	1.7977	0.5080	1.2897	1.2897	0.0000	8
KY_RS	08/26/2021	13	2.0015	0.6322	1.3693	1.3693	0.0000	8
KY_RS	08/26/2021	14	2.1649	0.6249	1.5400	1.5400	0.0000	8
KY_RS	08/26/2021	15	2.3080	0.7404	1.5676	1.5676	0.0000	8
KY_RS	08/26/2021	16	2.4636	0.6393	1.8243	1.8243	0.0000	8
KY_RS	08/26/2021	17	2.4299	0.4199	2.0100	2.0100	0.0000	8
KY_RS	08/26/2021	18	2.2702	0.2094	2.0608	2.0608	0.0000	8
KY_RS	08/26/2021	19	2.1797	0.1016	2.0781	2.0781	0.0000	8
KY_RS	08/26/2021	20	2.0846	0.0000	2.0846	2.0846	0.0000	8
KY_RS	08/26/2021	21	2.0220	0.0000	2.0220	2.0220	0.0000	8
KY_RS	08/26/2021	22	1.9364	0.0000	1.9364	1.9364	0.0000	8
KY_RS	08/26/2021	23	1.7500	0.0000	1.7500	1.7500	0.0000	8
KY_RS	08/26/2021	24	1.5246	0.0000	1.5246	1.5246	0.0000	8
KY_RS	08/27/2021	1	1.3332	0.0000	1.3332	1.3332	0.0000	8

KY_RS	08/27/2021	2	1.1959	0.0000	1.1959	1.1959	0.0000	8
KY_RS	08/27/2021	3	1.1021	0.0000	1.1021	1.1021	0.0000	8
KY_RS	08/27/2021	4	1.0332	0.0000	1.0332	1.0332	0.0000	8
KY_RS	08/27/2021	5	0.9888	0.0000	0.9888	0.9888	0.0000	8
KY_RS	08/27/2021	6	0.9930	0.0000	0.9930	0.9930	0.0000	8
KY_RS	08/27/2021	7	1.0660	0.0000	1.0660	1.0660	0.0000	8
KY_RS	08/27/2021	8	1.1095	0.0859	1.0236	1.0236	0.0000	8
KY_RS	08/27/2021	9	1.1643	0.2694	0.8950	0.8950	0.0000	8
KY_RS	08/27/2021	10	1.3299	0.4337	0.8962	0.8962	0.0000	8
KY_RS	08/27/2021	11	1.5352	1.4174	0.1178	0.1178	0.0000	8
KY_RS	08/27/2021	12	1.7665	0.6142	1.1524	1.1524	0.0000	8
KY_RS	08/27/2021	13	1.9937	0.6191	1.3746	1.3746	0.0000	8
KY_RS	08/27/2021	14	2.1621	0.9534	1.2086	1.2086	0.0000	8
KY_RS	08/27/2021	15	2.2661	2.1767	0.0894	0.0894	0.0000	8
KY_RS	08/27/2021	16	2.3633	2.3065	0.0568	0.0568	0.0000	8
KY_RS	08/27/2021	17	2.3914	0.3658	2.0256	2.0256	0.0000	8
KY_RS	08/27/2021	18	2.2393	0.6217	1.6176	1.6176	0.0000	8
KY_RS	08/27/2021	19	2.0408	0.8901	1.1508	1.1508	0.0000	8
KY_RS	08/27/2021	20	1.9224	0.2155	1.7069	1.7069	0.0000	8
KY_RS	08/27/2021	21	1.8265	0.0000	1.8265	1.8265	0.0000	8
KY_RS	08/27/2021	22	1.7323	0.0000	1.7323	1.7323	0.0000	8
KY_RS	08/27/2021	23	1.6058	0.0000	1.6058	1.6058	0.0000	8
KY_RS	08/27/2021	24	1.4584	0.0000	1.4584	1.4584	0.0000	8
KY_RS	08/28/2021	1	1.3142	0.0000	1.3142	1.3142	0.0000	8
KY_RS	08/28/2021	2	1.1917	0.0000	1.1917	1.1917	0.0000	8
KY_RS	08/28/2021	3	1.1022	0.0000	1.1022	1.1022	0.0000	8
KY_RS	08/28/2021	4	1.0383	0.0000	1.0383	1.0383	0.0000	8
KY_RS	08/28/2021	5	0.9909	0.0000	0.9909	0.9909	0.0000	8
KY_RS	08/28/2021	6	0.9624	0.0000	0.9624	0.9624	0.0000	8
KY_RS	08/28/2021	7	0.9602	0.0000	0.9602	0.9602	0.0000	8
KY_RS	08/28/2021	8	1.0222	0.0741	0.9481	0.9481	0.0000	8
KY_RS	08/28/2021	9	1.1535	1.1182	0.0352	0.0352	0.0000	8
KY_RS	08/28/2021	10	1.4026	2.5504	(1.1478)	0.0000	(1.1478)	8
KY_RS	08/28/2021	11	1.6602	3.5970	(1.9367)	0.0000	(1.9367)	8
KY_RS	08/28/2021	12	1.9015	4.3552	(2.4537)	0.0000	(2.4537)	8
KY_RS	08/28/2021	13	2.1086	4.8127	(2.7041)	0.0000	(2.7041)	8
KY_RS	08/28/2021	14	2.2508	4.9736	(2.7228)	0.0000	(2.7228)	8
KY_RS	08/28/2021	15	2.3734	4.8958	(2.5224)	0.0000	(2.5224)	8
KY_RS	08/28/2021	16	2.4813	4.4852	(2.0039)	0.0000	(2.0039)	8
KY_RS	08/28/2021	17	2.5472	2.5472	(1.2601)	0.0000	(1.2601)	8
KY_RS	08/28/2021	18	2.5630	2.7862	(0.2232)	0.0000	(0.2232)	8
KY_RS	08/28/2021	19	2.5097	1.5139	0.9958	0.9958	0.0000	8
KY_RS	08/28/2021	20	2.3961	0.2701	2.1260	2.1260	0.0000	8
KY_RS	08/28/2021	21	2.2713	0.0000	2.2713	2.2713	0.0000	8
KY_RS	08/28/2021	22	2.1658	0.0000	2.1658	2.1658	0.0000	8
KY_RS	08/28/2021	23	2.0065	0.0000	2.0065	2.0065	0.0000	8
KY_RS	08/28/2021	24	1.8303	0.0000	1.8303	1.8303	0.0000	8
KY_RS	08/29/2021	1	1.6536	0.0000	1.6536	1.6536	0.0000	8
KY_RS	08/29/2021	2	1.4948	0.0000	1.4948	1.4948	0.0000	8
KY_RS	08/29/2021	3	1.3724	0.0000	1.3724	1.3724	0.0000	8
KY_RS	08/29/2021	4	1.2828	0.0000	1.2828	1.2828	0.0000	8
KY_RS	08/29/2021	5	1.2149	0.0000	1.2149	1.2149	0.0000	8
KY_RS	08/29/2021	6	1.1669	0.0000	1.1669	1.1669	0.0000	8
KY_RS	08/29/2021	7	1.1374	0.0000	1.1374	1.1374	0.0000	8
KY_RS	08/29/2021	8	1.1785	0.0653	1.1132	1.1132	0.0000	8
KY_RS	08/29/2021	9	1.3172	1.1032	0.2140	0.2140	0.0000	8
KY_RS	08/29/2021	10	1.5546	2.5232	(0.9686)	0.0000	(0.9686)	8
KY_RS	08/29/2021	11	1.8574	3.5572	(1.6998)	0.0000	(1.6998)	8
KY_RS	08/29/2021	12	2.0938	4.2873	(2.1936)	0.0000	(2.1936)	8
KY_RS	08/29/2021	13	2.2839	4.7054	(2.4215)	0.0000	(2.4215)	8
KY_RS	08/29/2021	14	2.3963	4.8358	(2.4395)	0.0000	(2.4395)	8
KY_RS	08/29/2021	15	2.4343	4.3945	(1.9602)	0.0000	(1.9602)	8
KY_RS	08/29/2021	16	2.9462	4.2455	(1.6993)	0.0000	(1.6993)	8
KY_RS	08/29/2021	17	2.6205	3.6319	(1.0114)	0.0000	(1.0114)	8
KY_RS	08/29/2021	18	2.6994	2.6391	0.0604	0.0604	0.0000	8
KY_RS	08/29/2021	19	2.6919	1.4123	1.2796	1.2796	0.0000	8
KY_RS	08/29/2021	20	2.6195	0.2203	2.3992	2.3992	0.0000	8
KY_RS	08/29/2021	21	2.5215	0.0000	2.5215	2.5215	0.0000	8
KY_RS	08/29/2021	22	2.3841	0.0000	2.3841	2.3841	0.0000	8
KY_RS	08/29/2021	23	2.1496	0.0000	2.1496	2.1496	0.0000	8
KY_RS	08/29/2021	24	1.9156	0.0000	1.9156	1.9156	0.0000	8
KY_RS	08/30/2021	1	1.7040	0.0000	1.7040	1.7040	0.0000	8
KY_RS	08/30/2021	2	1.5460	0.0000	1.5460	1.5460	0.0000	8
KY_RS	08/30/2021	3	1.4249	0.0000	1.4249	1.4249	0.0000	8
KY_RS	08/30/2021	4	1.3453	0.0000	1.3453	1.3453	0.0000	8
KY_RS	08/30/2021	5	1.2897	0.0000	1.2897	1.2897	0.0000	8
KY_RS	08/30/2021	6	1.2503	0.0000	1.2503	1.2503	0.0000	8
KY_RS	08/30/2021	7	1.2743	0.0000	1.2743	1.2743	0.0000	8
KY_RS	08/30/2021	8	1.2741	0.0507	1.2234	1.2234	0.0000	8

KY_RS	08/30/2021	9	1.2906	0.7229	0.5677	0.5677	0.0000	8
KY_RS	08/30/2021	10	1.2905	2.1181	(0.8276)	0.0000	(0.8276)	8
KY_RS	08/30/2021	11	1.2744	3.2589	(1.9845)	0.0000	(1.9845)	8
KY_RS	08/30/2021	12	1.2877	3.9630	(2.6753)	0.0000	(2.6753)	8
KY_RS	08/30/2021	13	1.3212	4.3932	(3.0720)	0.0000	(3.0720)	8
KY_RS	08/30/2021	14	1.3303	3.6998	(2.3695)	0.0000	(2.3695)	8
KY_RS	08/30/2021	15	1.3324	3.5530	(2.2206)	0.0000	(2.2206)	8
KY_RS	08/30/2021	16	1.3767	2.5264	(1.1497)	0.0000	(1.1497)	8
KY_RS	08/30/2021	17	1.4848	0.4335	1.0514	1.0514	0.0000	8
KY_RS	08/30/2021	18	1.6501	0.4617	1.1884	1.1884	0.0000	8
KY_RS	08/30/2021	19	1.7218	0.4651	1.2567	1.2567	0.0000	8
KY_RS	08/30/2021	20	1.6994	0.0595	1.6399	1.6399	0.0000	8
KY_RS	08/30/2021	21	1.6902	0.0000	1.6902	1.6902	0.0000	8
KY_RS	08/30/2021	22	1.6154	0.0000	1.6154	1.6154	0.0000	8
KY_RS	08/30/2021	23	1.4598	0.0000	1.4598	1.4598	0.0000	8
KY_RS	08/30/2021	24	1.2767	0.0000	1.2767	1.2767	0.0000	8
KY_RS	08/31/2021	1	1.1249	0.0000	1.1249	1.1249	0.0000	8
KY_RS	08/31/2021	2	1.0269	0.0000	1.0269	1.0269	0.0000	8
KY_RS	08/31/2021	3	0.9637	0.0000	0.9637	0.9637	0.0000	8
KY_RS	08/31/2021	4	0.9266	0.0000	0.9266	0.9266	0.0000	8
KY_RS	08/31/2021	5	0.9106	0.0000	0.9106	0.9106	0.0000	8
KY_RS	08/31/2021	6	0.9372	0.0000	0.9372	0.9372	0.0000	8
KY_RS	08/31/2021	7	1.0250	0.0000	1.0250	1.0250	0.0000	8
KY_RS	08/31/2021	8	1.0695	0.0000	1.0695	1.0695	0.0000	8
KY_RS	08/31/2021	9	1.0558	0.1881	0.8677	0.8677	0.0000	8
KY_RS	08/31/2021	10	1.0668	0.6453	0.4215	0.4215	0.0000	8
KY_RS	08/31/2021	11	1.0999	1.3629	(0.2630)	0.0000	(0.2630)	8
KY_RS	08/31/2021	12	1.1661	2.1211	(0.9549)	0.0000	(0.9549)	8
KY_RS	08/31/2021	13	1.2775	2.0739	(0.7964)	0.0000	(0.7964)	8
KY_RS	08/31/2021	14	1.3511	3.6598	(2.3088)	0.0000	(2.3088)	8
KY_RS	08/31/2021	15	1.3850	2.0750	(0.6899)	0.0000	(0.6899)	8
KY_RS	08/31/2021	16	1.4503	1.5113	(0.0610)	0.0000	(0.0610)	8
KY_RS	08/31/2021	17	1.4944	0.5261	0.9683	0.9683	0.0000	8
KY_RS	08/31/2021	18	1.5461	0.6004	0.9456	0.9456	0.0000	8
KY_RS	08/31/2021	19	1.5715	0.1821	1.3894	1.3894	0.0000	8
KY_RS	08/31/2021	20	1.5588	0.0312	1.5276	1.5276	0.0000	8
KY_RS	08/31/2021	21	1.5501	0.0000	1.5501	1.5501	0.0000	8
KY_RS	08/31/2021	22	1.4910	0.0000	1.4910	1.4910	0.0000	8
KY_RS	08/31/2021	23	1.3479	0.0000	1.3479	1.3479	0.0000	8
KY_RS	08/31/2021	24	1.1825	0.0000	1.1825	1.1825	0.0000	8
KY_RS	09/01/2021	1	1.0443	0.0000	1.0443	1.0443	0.0000	9
KY_RS	09/01/2021	2	0.9511	0.0000	0.9511	0.9511	0.0000	9
KY_RS	09/01/2021	3	0.8915	0.0000	0.8915	0.8915	0.0000	9
KY_RS	09/01/2021	4	0.8573	0.0000	0.8573	0.8573	0.0000	9
KY_RS	09/01/2021	5	0.8456	0.0000	0.8456	0.8456	0.0000	9
KY_RS	09/01/2021	6	0.8732	0.0000	0.8732	0.8732	0.0000	9
KY_RS	09/01/2021	7	0.9438	0.0000	0.9438	0.9438	0.0000	9
KY_RS	09/01/2021	8	0.9680	0.0518	0.9163	0.9163	0.0000	9
KY_RS	09/01/2021	9	0.9749	0.9493	0.0256	0.0256	0.0000	9
KY_RS	09/01/2021	10	1.0725	2.2096	(1.1371)	0.0000	(1.1371)	9
KY_RS	09/01/2021	11	1.1775	3.1097	(1.9322)	0.0000	(1.9322)	9
KY_RS	09/01/2021	12	1.2659	2.8392	(1.5733)	0.0000	(1.5733)	9
KY_RS	09/01/2021	13	1.3878	2.8086	(1.4208)	0.0000	(1.4208)	9
KY_RS	09/01/2021	14	1.4645	3.2668	(1.8022)	0.0000	(1.8022)	9
KY_RS	09/01/2021	15	1.5389	3.1045	(1.5655)	0.0000	(1.5655)	9
KY_RS	09/01/2021	16	1.6553	2.2056	(0.5503)	0.0000	(0.5503)	9
KY_RS	09/01/2021	17	1.7909	1.5868	0.2041	0.2041	0.0000	9
KY_RS	09/01/2021	18	1.8914	0.8044	1.0870	1.0870	0.0000	9
KY_RS	09/01/2021	19	1.8885	0.2906	1.5979	1.5979	0.0000	9
KY_RS	09/01/2021	20	1.7998	0.0969	1.7029	1.7029	0.0000	9
KY_RS	09/01/2021	21	1.7171	0.0000	1.7171	1.7171	0.0000	9
KY_RS	09/01/2021	22	1.6146	0.0000	1.6146	1.6146	0.0000	9
KY_RS	09/01/2021	23	1.4110	0.0000	1.4110	1.4110	0.0000	9
KY_RS	09/01/2021	24	1.1868	0.0000	1.1868	1.1868	0.0000	9
KY_RS	09/02/2021	1	1.0003	0.0000	1.0003	1.0003	0.0000	9
KY_RS	09/02/2021	2	0.8694	0.0000	0.8694	0.8694	0.0000	9
KY_RS	09/02/2021	3	0.7850	0.0000	0.7850	0.7850	0.0000	9
KY_RS	09/02/2021	4	0.7331	0.0000	0.7331	0.7331	0.0000	9
KY_RS	09/02/2021	5	0.7089	0.0000	0.7089	0.7089	0.0000	9
KY_RS	09/02/2021	6	0.7271	0.0000	0.7271	0.7271	0.0000	9
KY_RS	09/02/2021	7	0.8022	0.0000	0.8022	0.8022	0.0000	9
KY_RS	09/02/2021	8	0.8375	0.0000	0.8375	0.8375	0.0000	9
KY_RS	09/02/2021	9	0.8518	0.4827	0.3691	0.3691	0.0000	9
KY_RS	09/02/2021	10	0.9180	0.7618	0.1562	0.1562	0.0000	9
KY_RS	09/02/2021	11	1.0018	0.8767	0.1252	0.1252	0.0000	9
KY_RS	09/02/2021	12	1.0956	1.6911	(0.5955)	0.0000	(0.5955)	9
KY_RS	09/02/2021	13	1.1932	1.7463	(0.5531)	0.0000	(0.5531)	9
KY_RS	09/02/2021	14	1.2852	2.9047	(1.6195)	0.0000	(1.6195)	9
KY_RS	09/02/2021	15	1.3889	2.9506	(1.5617)	0.0000	(1.5617)	9

KY_RS	09/02/2021	16	1.5320	1.5331	(0.0011)	0.0000	(0.0011)	9
KY_RS	09/02/2021	17	1.6599	0.5250	1.1348	1.1348	0.0000	9
KY_RS	09/02/2021	18	1.8271	0.7844	1.0427	1.0427	0.0000	9
KY_RS	09/02/2021	19	1.8263	0.2890	1.5373	1.5373	0.0000	9
KY_RS	09/02/2021	20	1.7020	0.0927	1.6093	1.6093	0.0000	9
KY_RS	09/02/2021	21	1.6036	0.0000	1.6036	1.6036	0.0000	9
KY_RS	09/02/2021	22	1.4952	0.0000	1.4952	1.4952	0.0000	9
KY_RS	09/02/2021	23	1.2930	0.0000	1.2930	1.2930	0.0000	9
KY_RS	09/02/2021	24	1.0873	0.0000	1.0873	1.0873	0.0000	9
KY_RS	09/03/2021	1	0.9248	0.0000	0.9248	0.9248	0.0000	9
KY_RS	09/03/2021	2	0.8191	0.0000	0.8191	0.8191	0.0000	9
KY_RS	09/03/2021	3	0.7524	0.0000	0.7524	0.7524	0.0000	9
KY_RS	09/03/2021	4	0.7120	0.0000	0.7120	0.7120	0.0000	9
KY_RS	09/03/2021	5	0.6936	0.0000	0.6936	0.6936	0.0000	9
KY_RS	09/03/2021	6	0.7103	0.0000	0.7103	0.7103	0.0000	9
KY_RS	09/03/2021	7	0.7846	0.0000	0.7846	0.7846	0.0000	9
KY_RS	09/03/2021	8	0.8206	0.0000	0.8206	0.8206	0.0000	9
KY_RS	09/03/2021	9	0.8373	0.1485	0.6888	0.6888	0.0000	9
KY_RS	09/03/2021	10	0.9025	0.3991	0.5034	0.5034	0.0000	9
KY_RS	09/03/2021	11	0.9842	1.1348	(0.1507)	0.0000	(0.1507)	9
KY_RS	09/03/2021	12	1.0785	2.0707	(0.9923)	0.0000	(0.9923)	9
KY_RS	09/03/2021	13	1.1805	3.0198	(1.8393)	0.0000	(1.8393)	9
KY_RS	09/03/2021	14	1.2731	3.0793	(1.8062)	0.0000	(1.8062)	9
KY_RS	09/03/2021	15	1.3675	3.3097	(1.9422)	0.0000	(1.9422)	9
KY_RS	09/03/2021	16	1.5021	2.5867	(1.0846)	0.0000	(1.0846)	9
KY_RS	09/03/2021	17	1.6486	2.6948	(1.0463)	0.0000	(1.0463)	9
KY_RS	09/03/2021	18	1.7132	2.0229	(0.3097)	0.0000	(0.3097)	9
KY_RS	09/03/2021	19	1.6268	1.0051	0.6216	0.6216	0.0000	9
KY_RS	09/03/2021	20	1.4965	0.1497	1.3468	1.3468	0.0000	9
KY_RS	09/03/2021	21	1.4449	0.0000	1.4449	1.4449	0.0000	9
KY_RS	09/03/2021	22	1.3844	0.0000	1.3844	1.3844	0.0000	9
KY_RS	09/03/2021	23	1.2851	0.0000	1.2851	1.2851	0.0000	9
KY_RS	09/03/2021	24	1.1409	0.0000	1.1409	1.1409	0.0000	9
KY_RS	09/04/2021	1	1.0069	0.0000	1.0069	1.0069	0.0000	9
KY_RS	09/04/2021	2	0.9023	0.0000	0.9023	0.9023	0.0000	9
KY_RS	09/04/2021	3	0.8263	0.0000	0.8263	0.8263	0.0000	9
KY_RS	09/04/2021	4	0.7775	0.0000	0.7775	0.7775	0.0000	9
KY_RS	09/04/2021	5	0.7461	0.0000	0.7461	0.7461	0.0000	9
KY_RS	09/04/2021	6	0.7355	0.0000	0.7355	0.7355	0.0000	9
KY_RS	09/04/2021	7	0.7405	0.0000	0.7405	0.7405	0.0000	9
KY_RS	09/04/2021	8	0.7929	0.0327	0.7602	0.7602	0.0000	9
KY_RS	09/04/2021	9	0.9026	0.9983	(0.0958)	0.0000	(0.0958)	9
KY_RS	09/04/2021	10	1.0331	2.2705	(1.2374)	0.0000	(1.2374)	9
KY_RS	09/04/2021	11	1.1249	3.5344	(2.4095)	0.0000	(2.4095)	9
KY_RS	09/04/2021	12	1.2306	4.2705	(3.0399)	0.0000	(3.0399)	9
KY_RS	09/04/2021	13	1.4366	4.3447	(2.9081)	0.0000	(2.9081)	9
KY_RS	09/04/2021	14	1.5683	4.8448	(3.2766)	0.0000	(3.2766)	9
KY_RS	09/04/2021	15	1.6669	4.6228	(2.9559)	0.0000	(2.9559)	9
KY_RS	09/04/2021	16	1.6878	3.3192	(1.6314)	0.0000	(1.6314)	9
KY_RS	09/04/2021	17	1.7406	3.7091	(1.9685)	0.0000	(1.9685)	9
KY_RS	09/04/2021	18	1.7014	2.7127	(1.0114)	0.0000	(1.0114)	9
KY_RS	09/04/2021	19	1.6366	1.3714	0.2652	0.2652	0.0000	9
KY_RS	09/04/2021	20	1.5623	0.1649	1.3974	1.3974	0.0000	9
KY_RS	09/04/2021	21	1.5072	0.0000	1.5072	1.5072	0.0000	9
KY_RS	09/04/2021	22	1.4475	0.0000	1.4475	1.4475	0.0000	9
KY_RS	09/04/2021	23	1.3595	0.0000	1.3595	1.3595	0.0000	9
KY_RS	09/04/2021	24	1.2451	0.0000	1.2451	1.2451	0.0000	9
KY_RS	09/05/2021	1	1.1088	0.0000	1.1088	1.1088	0.0000	9
KY_RS	09/05/2021	2	0.9991	0.0000	0.9991	0.9991	0.0000	9
KY_RS	09/05/2021	3	0.9213	0.0000	0.9213	0.9213	0.0000	9
KY_RS	09/05/2021	4	0.8684	0.0000	0.8684	0.8684	0.0000	9
KY_RS	09/05/2021	5	0.8370	0.0000	0.8370	0.8370	0.0000	9
KY_RS	09/05/2021	6	0.8231	0.0000	0.8231	0.8231	0.0000	9
KY_RS	09/05/2021	7	0.8251	0.0000	0.8251	0.8251	0.0000	9
KY_RS	09/05/2021	8	0.8753	0.0362	0.8391	0.8391	0.0000	9
KY_RS	09/05/2021	9	0.9716	1.0736	(0.1021)	0.0000	(0.1021)	9
KY_RS	09/05/2021	10	1.0862	2.5156	(1.4294)	0.0000	(1.4294)	9
KY_RS	09/05/2021	11	1.2151	3.5470	(2.3318)	0.0000	(2.3318)	9
KY_RS	09/05/2021	12	1.3293	4.2385	(2.9092)	0.0000	(2.9092)	9
KY_RS	09/05/2021	13	1.4336	4.6552	(3.2216)	0.0000	(3.2216)	9
KY_RS	09/05/2021	14	1.5168	4.8278	(3.3110)	0.0000	(3.3110)	9
KY_RS	09/05/2021	15	1.6027	4.7095	(3.1068)	0.0000	(3.1068)	9
KY_RS	09/05/2021	16	1.7104	4.3438	(2.6334)	0.0000	(2.6334)	9
KY_RS	09/05/2021	17	1.7860	3.6639	(1.8778)	0.0000	(1.8778)	9
KY_RS	09/05/2021	18	1.8425	2.6945	(0.8520)	0.0000	(0.8520)	9
KY_RS	09/05/2021	19	1.7929	1.3301	0.4628	0.4628	0.0000	9
KY_RS	09/05/2021	20	1.6561	0.1448	1.5113	1.5113	0.0000	9
KY_RS	09/05/2021	21	1.5088	0.0000	1.5088	1.5088	0.0000	9
KY_RS	09/05/2021	22	1.3780	0.0000	1.3780	1.3780	0.0000	9

KY_RS	09/05/2021	23	1.2674	0.0000	1.2674	1.2674	0.0000	9
KY_RS	09/05/2021	24	1.1247	0.0000	1.1247	1.1247	0.0000	9
KY_RS	09/06/2021	1	0.9761	0.0000	0.9761	0.9761	0.0000	9
KY_RS	09/06/2021	2	0.8512	0.0000	0.8512	0.8512	0.0000	9
KY_RS	09/06/2021	3	0.7660	0.0000	0.7660	0.7660	0.0000	9
KY_RS	09/06/2021	4	0.7115	0.0000	0.7115	0.7115	0.0000	9
KY_RS	09/06/2021	5	0.6782	0.0000	0.6782	0.6782	0.0000	9
KY_RS	09/06/2021	6	0.6625	0.0000	0.6625	0.6625	0.0000	9
KY_RS	09/06/2021	7	0.6637	0.0000	0.6637	0.6637	0.0000	9
KY_RS	09/06/2021	8	0.7024	0.0297	0.6727	0.6727	0.0000	9
KY_RS	09/06/2021	9	0.8200	0.9650	(0.1450)	0.0000	(0.1450)	9
KY_RS	09/06/2021	10	0.9852	1.7607	(0.7755)	0.0000	(0.7755)	9
KY_RS	09/06/2021	11	1.1665	3.2312	(2.0647)	0.0000	(2.0647)	9
KY_RS	09/06/2021	12	1.3373	3.5724	(2.2351)	0.0000	(2.2351)	9
KY_RS	09/06/2021	13	1.4813	3.9746	(2.4933)	0.0000	(2.4933)	9
KY_RS	09/06/2021	14	1.5977	3.8531	(2.2555)	0.0000	(2.2555)	9
KY_RS	09/06/2021	15	1.7229	2.6529	(0.9300)	0.0000	(0.9300)	9
KY_RS	09/06/2021	16	1.8569	3.0041	(1.1472)	0.0000	(1.1472)	9
KY_RS	09/06/2021	17	1.9905	0.9344	1.0561	1.0561	0.0000	9
KY_RS	09/06/2021	18	2.0853	1.9545	0.1308	0.1308	0.0000	9
KY_RS	09/06/2021	19	2.0866	0.9515	1.1351	1.1351	0.0000	9
KY_RS	09/06/2021	20	1.9867	0.1258	1.8609	1.8609	0.0000	9
KY_RS	09/06/2021	21	1.8850	0.0000	1.8850	1.8850	0.0000	9
KY_RS	09/06/2021	22	1.7471	0.0000	1.7471	1.7471	0.0000	9
KY_RS	09/06/2021	23	1.5220	0.0000	1.5220	1.5220	0.0000	9
KY_RS	09/06/2021	24	1.2950	0.0000	1.2950	1.2950	0.0000	9
KY_RS	09/07/2021	1	1.1122	0.0000	1.1122	1.1122	0.0000	9
KY_RS	09/07/2021	2	0.9860	0.0000	0.9860	0.9860	0.0000	9
KY_RS	09/07/2021	3	0.9074	0.0000	0.9074	0.9074	0.0000	9
KY_RS	09/07/2021	4	0.8553	0.0000	0.8553	0.8553	0.0000	9
KY_RS	09/07/2021	5	0.8284	0.0000	0.8284	0.8284	0.0000	9
KY_RS	09/07/2021	6	0.8422	0.0000	0.8422	0.8422	0.0000	9
KY_RS	09/07/2021	7	0.9148	0.0000	0.9148	0.9148	0.0000	9
KY_RS	09/07/2021	8	0.9439	0.0255	0.9183	0.9183	0.0000	9
KY_RS	09/07/2021	9	0.9644	0.9190	0.0454	0.0454	0.0000	9
KY_RS	09/07/2021	10	1.0728	2.1980	(1.1253)	0.0000	(1.1253)	9
KY_RS	09/07/2021	11	1.2158	3.2432	(2.0274)	0.0000	(2.0274)	9
KY_RS	09/07/2021	12	1.3710	3.9928	(2.6217)	0.0000	(2.6217)	9
KY_RS	09/07/2021	13	1.5269	4.4153	(2.8884)	0.0000	(2.8884)	9
KY_RS	09/07/2021	14	1.6560	4.5772	(2.9212)	0.0000	(2.9212)	9
KY_RS	09/07/2021	15	1.7789	4.4752	(2.6963)	0.0000	(2.6963)	9
KY_RS	09/07/2021	16	1.9154	4.0558	(2.1404)	0.0000	(2.1404)	9
KY_RS	09/07/2021	17	2.0607	2.8166	(0.7559)	0.0000	(0.7559)	9
KY_RS	09/07/2021	18	2.1707	1.7454	0.4253	0.4253	0.0000	9
KY_RS	09/07/2021	19	2.1677	0.9968	1.1709	1.1709	0.0000	9
KY_RS	09/07/2021	20	2.0313	0.0998	1.9315	1.9315	0.0000	9
KY_RS	09/07/2021	21	1.9218	0.0000	1.9218	1.9218	0.0000	9
KY_RS	09/07/2021	22	1.7804	0.0000	1.7804	1.7804	0.0000	9
KY_RS	09/07/2021	23	1.5800	0.0000	1.5800	1.5800	0.0000	9
KY_RS	09/07/2021	24	1.3580	0.0000	1.3580	1.3580	0.0000	9
KY_RS	09/08/2021	1	1.1736	0.0000	1.1736	1.1736	0.0000	9
KY_RS	09/08/2021	2	1.0443	0.0000	1.0443	1.0443	0.0000	9
KY_RS	09/08/2021	3	0.9703	0.0000	0.9703	0.9703	0.0000	9
KY_RS	09/08/2021	4	0.9239	0.0000	0.9239	0.9239	0.0000	9
KY_RS	09/08/2021	5	0.8757	0.0000	0.8757	0.8757	0.0000	9
KY_RS	09/08/2021	6	0.8810	0.0000	0.8810	0.8810	0.0000	9
KY_RS	09/08/2021	7	0.9556	0.0000	0.9556	0.9556	0.0000	9
KY_RS	09/08/2021	8	0.9869	0.0220	0.9649	0.9649	0.0000	9
KY_RS	09/08/2021	9	0.9595	0.8559	0.1036	0.1036	0.0000	9
KY_RS	09/08/2021	10	0.9676	2.1527	(1.1851)	0.0000	(1.1851)	9
KY_RS	09/08/2021	11	1.0062	3.2968	(2.2906)	0.0000	(2.2906)	9
KY_RS	09/08/2021	12	1.1174	3.9977	(2.8803)	0.0000	(2.8803)	9
KY_RS	09/08/2021	13	1.2660	4.3863	(3.1203)	0.0000	(3.1203)	9
KY_RS	09/08/2021	14	1.4021	4.2608	(2.8586)	0.0000	(2.8586)	9
KY_RS	09/08/2021	15	1.5051	4.4381	(2.9330)	0.0000	(2.9330)	9
KY_RS	09/08/2021	16	1.6552	4.0559	(2.4007)	0.0000	(2.4007)	9
KY_RS	09/08/2021	17	1.8091	3.3833	(1.5743)	0.0000	(1.5743)	9
KY_RS	09/08/2021	18	1.9231	2.4418	(0.5187)	0.0000	(0.5187)	9
KY_RS	09/08/2021	19	1.9180	1.1617	0.7563	0.7563	0.0000	9
KY_RS	09/08/2021	20	1.7840	0.0935	1.6905	1.6905	0.0000	9
KY_RS	09/08/2021	21	1.6723	0.0000	1.6723	1.6723	0.0000	9
KY_RS	09/08/2021	22	1.5417	0.0000	1.5417	1.5417	0.0000	9
KY_RS	09/08/2021	23	1.3368	0.0000	1.3368	1.3368	0.0000	9
KY_RS	09/08/2021	24	1.1265	0.0000	1.1265	1.1265	0.0000	9
KY_RS	09/09/2021	1	0.9538	0.0000	0.9538	0.9538	0.0000	9
KY_RS	09/09/2021	2	0.8319	0.0000	0.8319	0.8319	0.0000	9
KY_RS	09/09/2021	3	0.7527	0.0000	0.7527	0.7527	0.0000	9
KY_RS	09/09/2021	4	0.7061	0.0000	0.7061	0.7061	0.0000	9
KY_RS	09/09/2021	5	0.6846	0.0000	0.6846	0.6846	0.0000	9

KY_RS	09/09/2021	6	0.7079	0.0000	0.7079	0.7079	0.0000	9
KY_RS	09/09/2021	7	0.7890	0.0000	0.7890	0.7890	0.0000	9
KY_RS	09/09/2021	8	0.8200	0.0289	0.7912	0.7912	0.0000	9
KY_RS	09/09/2021	9	0.8117	0.9501	(0.1384)	0.0000	(0.1384)	9
KY_RS	09/09/2021	10	0.8677	2.3133	(1.4456)	0.0000	(1.4456)	9
KY_RS	09/09/2021	11	0.9442	3.3273	(2.3830)	0.0000	(2.3830)	9
KY_RS	09/09/2021	12	1.0274	4.0401	(3.0128)	0.0000	(3.0128)	9
KY_RS	09/09/2021	13	1.1062	4.4730	(3.3668)	0.0000	(3.3668)	9
KY_RS	09/09/2021	14	1.1732	4.5987	(3.4255)	0.0000	(3.4255)	9
KY_RS	09/09/2021	15	1.2543	4.4185	(3.1642)	0.0000	(3.1642)	9
KY_RS	09/09/2021	16	1.3704	3.9978	(2.6274)	0.0000	(2.6274)	9
KY_RS	09/09/2021	17	1.4860	3.3105	(1.8245)	0.0000	(1.8245)	9
KY_RS	09/09/2021	18	1.5649	2.3527	(0.7878)	0.0000	(0.7878)	9
KY_RS	09/09/2021	19	1.5806	1.0788	0.5018	0.5018	0.0000	9
KY_RS	09/09/2021	20	1.5020	0.0710	1.4309	1.4309	0.0000	9
KY_RS	09/09/2021	21	1.4585	0.0000	1.4585	1.4585	0.0000	9
KY_RS	09/09/2021	22	1.3672	0.0000	1.3672	1.3672	0.0000	9
KY_RS	09/09/2021	23	1.1957	0.0000	1.1957	1.1957	0.0000	9
KY_RS	09/09/2021	24	1.0095	0.0000	1.0095	1.0095	0.0000	9
KY_RS	09/10/2021	1	0.8631	0.0000	0.8631	0.8631	0.0000	9
KY_RS	09/10/2021	2	0.7570	0.0000	0.7570	0.7570	0.0000	9
KY_RS	09/10/2021	3	0.6926	0.0000	0.6926	0.6926	0.0000	9
KY_RS	09/10/2021	4	0.6546	0.0000	0.6546	0.6546	0.0000	9
KY_RS	09/10/2021	5	0.6436	0.0000	0.6436	0.6436	0.0000	9
KY_RS	09/10/2021	6	0.6686	0.0000	0.6686	0.6686	0.0000	9
KY_RS	09/10/2021	7	0.7481	0.0000	0.7481	0.7481	0.0000	9
KY_RS	09/10/2021	8	0.7861	0.0247	0.7614	0.7614	0.0000	9
KY_RS	09/10/2021	9	0.7904	0.8868	(0.0964)	0.0000	(0.0964)	9
KY_RS	09/10/2021	10	0.8345	2.1689	(1.3344)	0.0000	(1.3344)	9
KY_RS	09/10/2021	11	0.8958	3.1588	(2.2630)	0.0000	(2.2630)	9
KY_RS	09/10/2021	12	0.9780	3.8597	(2.8817)	0.0000	(2.8817)	9
KY_RS	09/10/2021	13	1.0705	2.8168	(1.7463)	0.0000	(1.7463)	9
KY_RS	09/10/2021	14	1.1602	2.2661	(1.1060)	0.0000	(1.1060)	9
KY_RS	09/10/2021	15	1.2526	3.5979	(2.3453)	0.0000	(2.3453)	9
KY_RS	09/10/2021	16	1.3829	2.4712	(1.0882)	0.0000	(1.0882)	9
KY_RS	09/10/2021	17	1.5028	1.9468	(0.4440)	0.0000	(0.4440)	9
KY_RS	09/10/2021	18	1.5651	0.2277	1.3373	1.3373	0.0000	9
KY_RS	09/10/2021	19	1.5421	0.4811	1.0611	1.0611	0.0000	9
KY_RS	09/10/2021	20	1.4329	0.0548	1.3781	1.3781	0.0000	9
KY_RS	09/10/2021	21	1.3513	0.0000	1.3513	1.3513	0.0000	9
KY_RS	09/10/2021	22	1.2727	0.0000	1.2727	1.2727	0.0000	9
KY_RS	09/10/2021	23	1.1677	0.0000	1.1677	1.1677	0.0000	9
KY_RS	09/10/2021	24	1.0476	0.0000	1.0476	1.0476	0.0000	9
KY_RS	09/11/2021	1	0.8882	0.0000	0.8882	0.8882	0.0000	9
KY_RS	09/11/2021	2	0.7822	0.0000	0.7822	0.7822	0.0000	9
KY_RS	09/11/2021	3	0.7147	0.0000	0.7147	0.7147	0.0000	9
KY_RS	09/11/2021	4	0.6692	0.0000	0.6692	0.6692	0.0000	9
KY_RS	09/11/2021	5	0.6452	0.0000	0.6452	0.6452	0.0000	9
KY_RS	09/11/2021	6	0.6391	0.0000	0.6391	0.6391	0.0000	9
KY_RS	09/11/2021	7	0.6532	0.0000	0.6532	0.6532	0.0000	9
KY_RS	09/11/2021	8	0.7085	0.0145	0.6941	0.6941	0.0000	9
KY_RS	09/11/2021	9	0.8031	0.4846	0.3185	0.3185	0.0000	9
KY_RS	09/11/2021	10	0.9069	0.1789	0.7280	0.7280	0.0000	9
KY_RS	09/11/2021	11	0.9971	0.7562	0.2409	0.2409	0.0000	9
KY_RS	09/11/2021	12	1.1035	0.7861	0.3174	0.3174	0.0000	9
KY_RS	09/11/2021	13	1.2436	0.8377	0.4059	0.4059	0.0000	9
KY_RS	09/11/2021	14	1.3566	0.8007	0.5559	0.5559	0.0000	9
KY_RS	09/11/2021	15	1.4718	0.9501	0.5217	0.5217	0.0000	9
KY_RS	09/11/2021	16	1.5929	1.6713	(0.0784)	0.0000	(0.0784)	9
KY_RS	09/11/2021	17	1.7015	1.0557	0.6458	0.6458	0.0000	9
KY_RS	09/11/2021	18	1.7523	0.4681	1.2842	1.2842	0.0000	9
KY_RS	09/11/2021	19	1.7230	0.6897	1.0332	1.0332	0.0000	9
KY_RS	09/11/2021	20	1.6166	0.0523	1.5642	1.5642	0.0000	9
KY_RS	09/11/2021	21	1.5518	0.0000	1.5518	1.5518	0.0000	9
KY_RS	09/11/2021	22	1.4827	0.0000	1.4827	1.4827	0.0000	9
KY_RS	09/11/2021	23	1.3721	0.0000	1.3721	1.3721	0.0000	9
KY_RS	09/11/2021	24	1.2404	0.0000	1.2404	1.2404	0.0000	9
KY_RS	09/12/2021	1	1.1071	0.0000	1.1071	1.1071	0.0000	9
KY_RS	09/12/2021	2	0.9965	0.0000	0.9965	0.9965	0.0000	9
KY_RS	09/12/2021	3	0.9157	0.0000	0.9157	0.9157	0.0000	9
KY_RS	09/12/2021	4	0.8561	0.0000	0.8561	0.8561	0.0000	9
KY_RS	09/12/2021	5	0.8074	0.0000	0.8074	0.8074	0.0000	9
KY_RS	09/12/2021	6	0.7801	0.0000	0.7801	0.7801	0.0000	9
KY_RS	09/12/2021	7	0.7768	0.0000	0.7768	0.7768	0.0000	9
KY_RS	09/12/2021	8	0.8272	0.0218	0.8054	0.8054	0.0000	9
KY_RS	09/12/2021	9	0.9745	0.8704	0.1041	0.1041	0.0000	9
KY_RS	09/12/2021	10	1.1762	1.6199	(0.4437)	0.0000	(0.4437)	9
KY_RS	09/12/2021	11	1.3711	1.2107	0.1604	0.1604	0.0000	9
KY_RS	09/12/2021	12	1.5494	2.1844	(0.6350)	0.0000	(0.6350)	9

KY_RS	09/12/2021	13	1.7233	3.8301	(2.1068)	0.0000	(2.1068)	9	
KY_RS	09/12/2021	14	1.8680	3.8137	(1.9457)	0.0000	(1.9457)	9	
KY_RS	09/12/2021	15	1.9937	4.2594	(2.2657)	0.0000	(2.2657)	9	
KY_RS	09/12/2021	16	2.1069	3.4245	(1.3176)	0.0000	(1.3176)	9	
KY_RS	09/12/2021	17	2.1919	2.9508	(0.7589)	0.0000	(0.7589)	9	
KY_RS	09/12/2021	18	2.2669	1.5804	0.6864	0.6864	0.0000	9	
KY_RS	09/12/2021	19	2.2314	0.4796	1.7517	1.7517	0.0000	9	
KY_RS	09/12/2021	20	2.1378	0.0216	2.1162	2.1162	0.0000	9	
KY_RS	09/12/2021	21	2.0802	0.0000	2.0802	2.0802	0.0000	9	
KY_RS	09/12/2021	22	1.9426	0.0000	1.9426	1.9426	0.0000	9	
KY_RS	09/12/2021	23	1.7304	0.0000	1.7304	1.7304	0.0000	9	
KY_RS	09/12/2021	24	1.5054	0.0000	1.5054	1.5054	0.0000	9	
KY_RS	09/13/2021	1	1.3272	0.0000	1.3272	1.3272	0.0000	9	
KY_RS	09/13/2021	2	1.1911	0.0000	1.1911	1.1911	0.0000	9	
KY_RS	09/13/2021	3	1.0905	0.0000	1.0905	1.0905	0.0000	9	
KY_RS	09/13/2021	4	1.0129	0.0000	1.0129	1.0129	0.0000	9	
KY_RS	09/13/2021	5	0.9570	0.0000	0.9570	0.9570	0.0000	9	
KY_RS	09/13/2021	6	0.9519	0.0000	0.9519	0.9519	0.0000	9	
KY_RS	09/13/2021	7	1.0169	0.0000	1.0169	1.0169	0.0000	9	
KY_RS	09/13/2021	8	1.0435	0.0000	1.0435	1.0435	0.0000	9	
KY_RS	09/13/2021	9	1.0434	0.1529	0.8905	0.8905	0.0000	9	
KY_RS	09/13/2021	10	1.1418	0.6923	0.4495	0.4495	0.0000	9	
KY_RS	09/13/2021	11	1.2883	1.5382	(0.2499)	0.0000	(0.2499)	9	
KY_RS	09/13/2021	12	1.4636	2.9854	(1.5219)	0.0000	(1.5219)	9	
KY_RS	09/13/2021	13	1.6430	4.1004	(2.4574)	0.0000	(2.4574)	9	
KY_RS	09/13/2021	14	1.7887	3.6375	(1.8488)	0.0000	(1.8488)	9	
KY_RS	09/13/2021	15	1.9240	3.2476	(1.3236)	0.0000	(1.3236)	9	
KY_RS	09/13/2021	16	2.0630	2.7189	(0.6559)	0.0000	(0.6559)	9	
KY_RS	09/13/2021	17	2.1867	2.0346	0.1521	0.1521	0.0000	9	
KY_RS	09/13/2021	18	2.2914	1.5029	0.7885	0.7885	0.0000	9	
KY_RS	09/13/2021	19	2.2862	0.8453	1.4410	1.4410	0.0000	9	
KY_RS	09/13/2021	20	2.1703	0.0218	2.1485	2.1485	0.0000	9	
KY_RS	09/13/2021	21	2.0921	0.0000	2.0921	2.0921	0.0000	9	
KY_RS	09/13/2021	22	1.9363	0.0000	1.9363	1.9363	0.0000	9	
KY_RS	09/13/2021	23	1.7108	0.0000	1.7108	1.7108	0.0000	9	
KY_RS	09/13/2021	24	1.4811	0.0000	1.4811	1.4811	0.0000	9	
KY_RS	09/14/2021	1	1.2894	0.0000	1.2894	1.2894	0.0000	9	
KY_RS	09/14/2021	2	1.1448	0.0000	1.1448	1.1448	0.0000	9	
KY_RS	09/14/2021	3	1.0433	0.0000	1.0433	1.0433	0.0000	9	
KY_RS	09/14/2021	4	0.9776	0.0000	0.9776	0.9776	0.0000	9	
KY_RS	09/14/2021	5	0.9408	0.0000	0.9408	0.9408	0.0000	9	
KY_RS	09/14/2021	6	0.9501	0.0000	0.9501	0.9501	0.0000	9	
KY_RS	09/14/2021	7	1.0262	0.0000	1.0262	1.0262	0.0000	9	
KY_RS	09/14/2021	8	1.0563	0.0085	1.0478	1.0478	0.0000	9	
KY_RS	09/14/2021	9	1.0837	0.8572	0.2265	0.2265	0.0000	9	
KY_RS	09/14/2021	10	1.2178	2.1530	(0.9353)	0.0000	(0.9353)	9	
KY_RS	09/14/2021	11	1.4015	3.2207	(1.8191)	0.0000	(1.8191)	9	
KY_RS	09/14/2021	12	1.6002	3.9331	(2.3329)	0.0000	(2.3329)	9	
KY_RS	09/14/2021	13	1.7658	4.3217	(2.5559)	0.0000	(2.5559)	9	
KY_RS	09/14/2021	14	1.8899	4.3271	(2.4372)	0.0000	(2.4372)	9	
KY_RS	09/14/2021	15	2.0078	4.0590	(2.0512)	0.0000	(2.0512)	9	
KY_RS	09/14/2021	16	2.1383	3.5497	(1.4115)	0.0000	(1.4115)	9	
KY_RS	09/14/2021	17	2.2575	2.7037	(0.4463)	0.0000	(0.4463)	9	
KY_RS	09/14/2021	18	2.3653	1.7180	0.6473	0.6473	0.0000	9	
KY_RS	09/14/2021	19	2.3545	0.6962	1.6584	1.6584	2.3653	0.6473	9
KY_RS	09/14/2021	20	2.2491	0.0000	2.2491	2.2491	0.0000	9	
KY_RS	09/14/2021	21	2.1807	0.0000	2.1807	2.1807	0.0000	9	
KY_RS	09/14/2021	22	2.0499	0.0000	2.0499	2.0499	0.0000	9	
KY_RS	09/14/2021	23	1.8428	0.0000	1.8428	1.8428	0.0000	9	
KY_RS	09/14/2021	24	1.6173	0.0000	1.6173	1.6173	0.0000	9	
KY_RS	09/15/2021	1	1.4252	0.0000	1.4252	1.4252	0.0000	9	
KY_RS	09/15/2021	2	1.2914	0.0000	1.2914	1.2914	0.0000	9	
KY_RS	09/15/2021	3	1.1949	0.0000	1.1949	1.1949	0.0000	9	
KY_RS	09/15/2021	4	1.1324	0.0000	1.1324	1.1324	0.0000	9	
KY_RS	09/15/2021	5	1.0787	0.0000	1.0787	1.0787	0.0000	9	
KY_RS	09/15/2021	6	1.0700	0.0000	1.0700	1.0700	0.0000	9	
KY_RS	09/15/2021	7	1.1236	0.0000	1.1236	1.1236	0.0000	9	
KY_RS	09/15/2021	8	1.1486	0.0091	1.1395	1.1395	0.0000	9	
KY_RS	09/15/2021	9	1.1556	0.8928	0.2628	0.2628	0.0000	9	
KY_RS	09/15/2021	10	1.1778	2.2694	(1.0916)	0.0000	(1.0916)	9	
KY_RS	09/15/2021	11	1.1750	3.3726	(2.1976)	0.0000	(2.1976)	9	
KY_RS	09/15/2021	12	1.2334	4.1444	(2.9110)	0.0000	(2.9110)	9	
KY_RS	09/15/2021	13	1.3360	4.5921	(3.2561)	0.0000	(3.2561)	9	
KY_RS	09/15/2021	14	1.3226	4.6378	(3.3152)	0.0000	(3.3152)	9	
KY_RS	09/15/2021	15	1.4026	4.3949	(2.9923)	0.0000	(2.9923)	9	
KY_RS	09/15/2021	16	1.5322	3.9642	(2.4319)	0.0000	(2.4319)	9	
KY_RS	09/15/2021	17	1.6177	3.2209	(1.6032)	0.0000	(1.6032)	9	
KY_RS	09/15/2021	18	1.7771	2.2089	(0.4318)	0.0000	(0.4318)	9	
KY_RS	09/15/2021	19	1.7891	0.9372	0.8519	0.8519	0.0000	9	

KY_RS	09/15/2021	20	1.7149	0.0192	1.6957	1.6957	0.0000	9
KY_RS	09/15/2021	21	1.6749	0.0000	1.6749	1.6749	0.0000	9
KY_RS	09/15/2021	22	1.5670	0.0000	1.5670	1.5670	0.0000	9
KY_RS	09/15/2021	23	1.3777	0.0000	1.3777	1.3777	0.0000	9
KY_RS	09/15/2021	24	1.1726	0.0000	1.1726	1.1726	0.0000	9
KY_RS	09/16/2021	1	1.0115	0.0000	1.0115	1.0115	0.0000	9
KY_RS	09/16/2021	2	0.9026	0.0000	0.9026	0.9026	0.0000	9
KY_RS	09/16/2021	3	0.8379	0.0000	0.8379	0.8379	0.0000	9
KY_RS	09/16/2021	4	0.7882	0.0000	0.7882	0.7882	0.0000	9
KY_RS	09/16/2021	5	0.7677	0.0000	0.7677	0.7677	0.0000	9
KY_RS	09/16/2021	6	0.8010	0.0000	0.8010	0.8010	0.0000	9
KY_RS	09/16/2021	7	0.8953	0.0000	0.8953	0.8953	0.0000	9
KY_RS	09/16/2021	8	0.9442	0.0000	0.9442	0.9442	0.0000	9
KY_RS	09/16/2021	9	0.9343	0.7870	0.1473	0.1473	0.0000	9
KY_RS	09/16/2021	10	0.9581	2.0752	(1.1171)	0.0000	(1.1171)	9
KY_RS	09/16/2021	11	1.0227	3.0713	(2.0485)	0.0000	(2.0485)	9
KY_RS	09/16/2021	12	1.1430	3.7467	(2.6037)	0.0000	(2.6037)	9
KY_RS	09/16/2021	13	1.2821	4.0940	(2.8120)	0.0000	(2.8120)	9
KY_RS	09/16/2021	14	1.4081	4.2962	(2.8881)	0.0000	(2.8881)	9
KY_RS	09/16/2021	15	1.4873	3.9343	(2.4470)	0.0000	(2.4470)	9
KY_RS	09/16/2021	16	1.6261	3.7051	(2.0791)	0.0000	(2.0791)	9
KY_RS	09/16/2021	17	1.7898	2.8549	(1.0651)	0.0000	(1.0651)	9
KY_RS	09/16/2021	18	1.9192	1.4822	0.4370	0.4370	0.0000	9
KY_RS	09/16/2021	19	1.9322	0.7017	1.2305	1.2305	0.0000	9
KY_RS	09/16/2021	20	1.8374	0.0044	1.8330	1.8330	0.0000	9
KY_RS	09/16/2021	21	1.7862	0.0000	1.7862	1.7862	0.0000	9
KY_RS	09/16/2021	22	1.6708	0.0000	1.6708	1.6708	0.0000	9
KY_RS	09/16/2021	23	1.4810	0.0000	1.4810	1.4810	0.0000	9
KY_RS	09/16/2021	24	1.2684	0.0000	1.2684	1.2684	0.0000	9
KY_RS	09/17/2021	1	1.0851	0.0000	1.0851	1.0851	0.0000	9
KY_RS	09/17/2021	2	0.9538	0.0000	0.9538	0.9538	0.0000	9
KY_RS	09/17/2021	3	0.8662	0.0000	0.8662	0.8662	0.0000	9
KY_RS	09/17/2021	4	0.8139	0.0000	0.8139	0.8139	0.0000	9
KY_RS	09/17/2021	5	0.7865	0.0000	0.7865	0.7865	0.0000	9
KY_RS	09/17/2021	6	0.8036	0.0000	0.8036	0.8036	0.0000	9
KY_RS	09/17/2021	7	0.8826	0.0000	0.8826	0.8826	0.0000	9
KY_RS	09/17/2021	8	0.9297	0.0000	0.9297	0.9297	0.0000	9
KY_RS	09/17/2021	9	0.9604	0.7838	0.1766	0.1766	0.0000	9
KY_RS	09/17/2021	10	1.0759	2.1163	(1.0404)	0.0000	(1.0404)	9
KY_RS	09/17/2021	11	1.2313	3.1982	(1.9670)	0.0000	(1.9670)	9
KY_RS	09/17/2021	12	1.4152	3.9741	(2.5589)	0.0000	(2.5589)	9
KY_RS	09/17/2021	13	1.5824	4.4099	(2.8275)	0.0000	(2.8275)	9
KY_RS	09/17/2021	14	1.6790	4.5720	(2.8930)	0.0000	(2.8930)	9
KY_RS	09/17/2021	15	1.7535	4.4430	(2.6895)	0.0000	(2.6895)	9
KY_RS	09/17/2021	16	1.8813	3.9860	(2.1047)	0.0000	(2.1047)	9
KY_RS	09/17/2021	17	1.9661	3.2239	(1.2578)	0.0000	(1.2578)	9
KY_RS	09/17/2021	18	1.9633	2.1539	(0.1906)	0.0000	(0.1906)	9
KY_RS	09/17/2021	19	1.9979	0.7864	1.2115	1.2115	0.0000	9
KY_RS	09/17/2021	20	1.8744	0.0074	1.8670	1.8670	0.0000	9
KY_RS	09/17/2021	21	1.7864	0.0000	1.7864	1.7864	0.0000	9
KY_RS	09/17/2021	22	1.6879	0.0000	1.6879	1.6879	0.0000	9
KY_RS	09/17/2021	23	1.5594	0.0000	1.5594	1.5594	0.0000	9
KY_RS	09/17/2021	24	1.3995	0.0000	1.3995	1.3995	0.0000	9
KY_RS	09/18/2021	1	1.2289	0.0000	1.2289	1.2289	0.0000	9
KY_RS	09/18/2021	2	1.0921	0.0000	1.0921	1.0921	0.0000	9
KY_RS	09/18/2021	3	0.9948	0.0000	0.9948	0.9948	0.0000	9
KY_RS	09/18/2021	4	0.9224	0.0000	0.9224	0.9224	0.0000	9
KY_RS	09/18/2021	5	0.8752	0.0000	0.8752	0.8752	0.0000	9
KY_RS	09/18/2021	6	0.8508	0.0000	0.8508	0.8508	0.0000	9
KY_RS	09/18/2021	7	0.8528	0.0000	0.8528	0.8528	0.0000	9
KY_RS	09/18/2021	8	0.9033	0.0091	0.8942	0.8942	0.0000	9
KY_RS	09/18/2021	9	1.0506	0.9319	0.1187	0.1187	0.0000	9
KY_RS	09/18/2021	10	1.2807	2.4379	(1.1572)	0.0000	(1.1572)	9
KY_RS	09/18/2021	11	1.5100	3.6344	(2.1244)	0.0000	(2.1244)	9
KY_RS	09/18/2021	12	1.7345	4.4373	(2.7027)	0.0000	(2.7027)	9
KY_RS	09/18/2021	13	1.9104	4.9062	(2.9957)	0.0000	(2.9957)	9
KY_RS	09/18/2021	14	2.0403	5.0555	(3.0152)	0.0000	(3.0152)	9
KY_RS	09/18/2021	15	2.1684	4.9080	(2.7396)	0.0000	(2.7396)	9
KY_RS	09/18/2021	16	2.2763	4.4557	(2.1794)	0.0000	(2.1794)	9
KY_RS	09/18/2021	17	2.2527	3.6954	(1.4428)	0.0000	(1.4428)	9
KY_RS	09/18/2021	18	2.2072	2.5893	(0.3821)	0.0000	(0.3821)	9
KY_RS	09/18/2021	19	2.1250	1.0785	1.0465	1.0465	0.0000	9
KY_RS	09/18/2021	20	2.0100	0.0234	1.9866	1.9866	0.0000	9
KY_RS	09/18/2021	21	1.9212	0.0000	1.9212	1.9212	0.0000	9
KY_RS	09/18/2021	22	1.8117	0.0000	1.8117	1.8117	0.0000	9
KY_RS	09/18/2021	23	1.6672	0.0000	1.6672	1.6672	0.0000	9
KY_RS	09/18/2021	24	1.5012	0.0000	1.5012	1.5012	0.0000	9
KY_RS	09/19/2021	1	1.3278	0.0000	1.3278	1.3278	0.0000	9
KY_RS	09/19/2021	2	1.1798	0.0000	1.1798	1.1798	0.0000	9

KY_RS	09/19/2021	3	1.0648	0.0000	1.0648	1.0648	0.0000	9
KY_RS	09/19/2021	4	0.9803	0.0000	0.9803	0.9803	0.0000	9
KY_RS	09/19/2021	5	0.9225	0.0000	0.9225	0.9225	0.0000	9
KY_RS	09/19/2021	6	0.8856	0.0000	0.8856	0.8856	0.0000	9
KY_RS	09/19/2021	7	0.8728	0.0000	0.8728	0.8728	0.0000	9
KY_RS	09/19/2021	8	0.9140	0.0101	0.9040	0.9040	0.0000	9
KY_RS	09/19/2021	9	1.0545	1.0438	0.0106	0.0106	0.0000	9
KY_RS	09/19/2021	10	1.2355	2.6341	(1.3986)	0.0000	(1.3986)	9
KY_RS	09/19/2021	11	1.4493	3.7751	(2.3259)	0.0000	(2.3259)	9
KY_RS	09/19/2021	12	1.7101	4.5230	(2.8130)	0.0000	(2.8130)	9
KY_RS	09/19/2021	13	1.8816	4.9550	(3.0735)	0.0000	(3.0735)	9
KY_RS	09/19/2021	14	2.0537	5.0668	(3.0132)	0.0000	(3.0132)	9
KY_RS	09/19/2021	15	2.0947	4.9047	(2.8100)	0.0000	(2.8100)	9
KY_RS	09/19/2021	16	2.1830	4.4588	(2.2758)	0.0000	(2.2758)	9
KY_RS	09/19/2021	17	2.1671	3.7026	(1.5354)	0.0000	(1.5354)	9
KY_RS	09/19/2021	18	2.1356	2.6056	(0.4699)	0.0000	(0.4699)	9
KY_RS	09/19/2021	19	2.0980	1.0839	1.0141	1.0141	0.0000	9
KY_RS	09/19/2021	20	2.0423	0.0201	2.0222	2.0222	0.0000	9
KY_RS	09/19/2021	21	2.0056	0.0000	2.0056	2.0056	0.0000	9
KY_RS	09/19/2021	22	1.8706	0.0000	1.8706	1.8706	0.0000	9
KY_RS	09/19/2021	23	1.6701	0.0000	1.6701	1.6701	0.0000	9
KY_RS	09/19/2021	24	1.4554	0.0000	1.4554	1.4554	0.0000	9
KY_RS	09/20/2021	1	1.2710	0.0000	1.2710	1.2710	0.0000	9
KY_RS	09/20/2021	2	1.1358	0.0000	1.1358	1.1358	0.0000	9
KY_RS	09/20/2021	3	1.0440	0.0000	1.0440	1.0440	0.0000	9
KY_RS	09/20/2021	4	0.9861	0.0000	0.9861	0.9861	0.0000	9
KY_RS	09/20/2021	5	0.9580	0.0000	0.9580	0.9580	0.0000	9
KY_RS	09/20/2021	6	0.9752	0.0000	0.9752	0.9752	0.0000	9
KY_RS	09/20/2021	7	1.0539	0.0000	1.0539	1.0539	0.0000	9
KY_RS	09/20/2021	8	1.0918	0.0101	1.0817	1.0817	0.0000	9
KY_RS	09/20/2021	9	1.0659	1.0255	0.0404	0.0404	0.0000	9
KY_RS	09/20/2021	10	1.0758	2.5795	(1.5037)	0.0000	(1.5037)	9
KY_RS	09/20/2021	11	1.1323	3.7078	(2.5756)	0.0000	(2.5756)	9
KY_RS	09/20/2021	12	1.1943	4.4827	(3.2884)	0.0000	(3.2884)	9
KY_RS	09/20/2021	13	1.2577	4.9116	(3.6540)	0.0000	(3.6540)	9
KY_RS	09/20/2021	14	1.2558	5.0392	(3.7835)	0.0000	(3.7835)	9
KY_RS	09/20/2021	15	1.2329	4.8976	(3.6647)	0.0000	(3.6647)	9
KY_RS	09/20/2021	16	1.2806	4.4460	(3.1654)	0.0000	(3.1654)	9
KY_RS	09/20/2021	17	1.3692	3.6800	(2.3107)	0.0000	(2.3107)	9
KY_RS	09/20/2021	18	1.4858	2.5650	(1.0792)	0.0000	(1.0792)	9
KY_RS	09/20/2021	19	1.5176	1.0464	0.4712	0.4712	0.0000	9
KY_RS	09/20/2021	20	1.5060	0.0124	1.4935	1.4935	0.0000	9
KY_RS	09/20/2021	21	1.4939	0.0000	1.4939	1.4939	0.0000	9
KY_RS	09/20/2021	22	1.4047	0.0000	1.4047	1.4047	0.0000	9
KY_RS	09/20/2021	23	1.2548	0.0000	1.2548	1.2548	0.0000	9
KY_RS	09/20/2021	24	1.0878	0.0000	1.0878	1.0878	0.0000	9
KY_RS	09/21/2021	1	0.9491	0.0000	0.9491	0.9491	0.0000	9
KY_RS	09/21/2021	2	0.8507	0.0000	0.8507	0.8507	0.0000	9
KY_RS	09/21/2021	3	0.7885	0.0000	0.7885	0.7885	0.0000	9
KY_RS	09/21/2021	4	0.7555	0.0000	0.7555	0.7555	0.0000	9
KY_RS	09/21/2021	5	0.7490	0.0000	0.7490	0.7490	0.0000	9
KY_RS	09/21/2021	6	0.7855	0.0000	0.7855	0.7855	0.0000	9
KY_RS	09/21/2021	7	0.8856	0.0000	0.8856	0.8856	0.0000	9
KY_RS	09/21/2021	8	0.9317	0.0062	0.9256	0.9256	0.0000	9
KY_RS	09/21/2021	9	0.9153	0.9957	(0.0804)	0.0000	(0.0804)	9
KY_RS	09/21/2021	10	0.9246	2.5330	(1.6084)	0.0000	(1.6084)	9
KY_RS	09/21/2021	11	0.9476	3.6550	(2.7073)	0.0000	(2.7073)	9
KY_RS	09/21/2021	12	0.9855	4.3729	(3.3874)	0.0000	(3.3874)	9
KY_RS	09/21/2021	13	1.0286	4.8042	(3.7756)	0.0000	(3.7756)	9
KY_RS	09/21/2021	14	1.0513	4.8861	(3.8348)	0.0000	(3.8348)	9
KY_RS	09/21/2021	15	1.0907	4.7032	(3.6125)	0.0000	(3.6125)	9
KY_RS	09/21/2021	16	1.1651	4.2851	(3.1200)	0.0000	(3.1200)	9
KY_RS	09/21/2021	17	1.2630	3.5303	(2.2673)	0.0000	(2.2673)	9
KY_RS	09/21/2021	18	1.3818	2.4239	(1.0421)	0.0000	(1.0421)	9
KY_RS	09/21/2021	19	1.4383	0.9749	0.4633	0.4633	0.0000	9
KY_RS	09/21/2021	20	1.4629	0.0051	1.4579	1.4579	0.0000	9
KY_RS	09/21/2021	21	1.4729	0.0000	1.4729	1.4729	0.0000	9
KY_RS	09/21/2021	22	1.3969	0.0000	1.3969	1.3969	0.0000	9
KY_RS	09/21/2021	23	1.2691	0.0000	1.2691	1.2691	0.0000	9
KY_RS	09/21/2021	24	1.1133	0.0000	1.1133	1.1133	0.0000	9
KY_RS	09/22/2021	1	0.9799	0.0000	0.9799	0.9799	0.0000	9
KY_RS	09/22/2021	2	0.8899	0.0000	0.8899	0.8899	0.0000	9
KY_RS	09/22/2021	3	0.8370	0.0000	0.8370	0.8370	0.0000	9
KY_RS	09/22/2021	4	0.7865	0.0000	0.7865	0.7865	0.0000	9
KY_RS	09/22/2021	5	0.7393	0.0000	0.7393	0.7393	0.0000	9
KY_RS	09/22/2021	6	0.7481	0.0000	0.7481	0.7481	0.0000	9
KY_RS	09/22/2021	7	0.8181	0.0000	0.8181	0.8181	0.0000	9
KY_RS	09/22/2021	8	0.8366	0.0026	0.8340	0.8340	0.0000	9
KY_RS	09/22/2021	9	0.8099	0.9323	(0.1224)	0.0000	(0.1224)	9

KY_RS	09/22/2021	10	0.8058	2.4075	(1.6017)	0.0000	(1.6017)	9
KY_RS	09/22/2021	11	0.8074	3.4416	(2.6342)	0.0000	(2.6342)	9
KY_RS	09/22/2021	12	0.8206	4.1820	(3.3614)	0.0000	(3.3614)	9
KY_RS	09/22/2021	13	0.8310	3.8993	(3.0683)	0.0000	(3.0683)	9
KY_RS	09/22/2021	14	0.8268	3.9327	(3.1059)	0.0000	(3.1059)	9
KY_RS	09/22/2021	15	0.8262	4.4272	(3.6010)	0.0000	(3.6010)	9
KY_RS	09/22/2021	16	0.8617	3.3507	(2.4889)	0.0000	(2.4889)	9
KY_RS	09/22/2021	17	0.9261	2.3651	(1.4389)	0.0000	(1.4389)	9
KY_RS	09/22/2021	18	1.0091	1.8636	(0.8545)	0.0000	(0.8545)	9
KY_RS	09/22/2021	19	1.0468	0.7023	0.3444	0.3444	0.0000	9
KY_RS	09/22/2021	20	1.0643	0.0000	1.0643	1.0643	0.0000	9
KY_RS	09/22/2021	21	1.0593	0.0000	1.0593	1.0593	0.0000	9
KY_RS	09/22/2021	22	0.9882	0.0000	0.9882	0.9882	0.0000	9
KY_RS	09/22/2021	23	0.8783	0.0000	0.8783	0.8783	0.0000	9
KY_RS	09/22/2021	24	0.7560	0.0000	0.7560	0.7560	0.0000	9
KY_RS	09/23/2021	1	0.6638	0.0000	0.6638	0.6638	0.0000	9
KY_RS	09/23/2021	2	0.6079	0.0000	0.6079	0.6079	0.0000	9
KY_RS	09/23/2021	3	0.5783	0.0000	0.5783	0.5783	0.0000	9
KY_RS	09/23/2021	4	0.5646	0.0000	0.5646	0.5646	0.0000	9
KY_RS	09/23/2021	5	0.5696	0.0000	0.5696	0.5696	0.0000	9
KY_RS	09/23/2021	6	0.6165	0.0000	0.6165	0.6165	0.0000	9
KY_RS	09/23/2021	7	0.7172	0.0000	0.7172	0.7172	0.0000	9
KY_RS	09/23/2021	8	0.7632	0.0000	0.7632	0.7632	0.0000	9
KY_RS	09/23/2021	9	0.7499	0.6729	0.0771	0.0771	0.0000	9
KY_RS	09/23/2021	10	0.7520	1.7762	(1.0242)	0.0000	(1.0242)	9
KY_RS	09/23/2021	11	0.7587	3.0880	(2.3292)	0.0000	(2.3292)	9
KY_RS	09/23/2021	12	0.7673	2.5949	(1.8276)	0.0000	(1.8276)	9
KY_RS	09/23/2021	13	0.7779	2.4301	(1.6522)	0.0000	(1.6522)	9
KY_RS	09/23/2021	14	0.7810	2.7762	(1.9952)	0.0000	(1.9952)	9
KY_RS	09/23/2021	15	0.7805	3.2863	(2.5058)	0.0000	(2.5058)	9
KY_RS	09/23/2021	16	0.8205	2.0858	(1.2653)	0.0000	(1.2653)	9
KY_RS	09/23/2021	17	0.8864	0.9919	(0.1056)	0.0000	(0.1056)	9
KY_RS	09/23/2021	18	0.9560	0.6628	0.2932	0.2932	0.0000	9
KY_RS	09/23/2021	19	0.9908	0.3492	0.6416	0.6416	0.0000	9
KY_RS	09/23/2021	20	1.0110	0.0000	1.0110	1.0110	0.0000	9
KY_RS	09/23/2021	21	1.0429	0.0000	1.0429	1.0429	0.0000	9
KY_RS	09/23/2021	22	0.9812	0.0000	0.9812	0.9812	0.0000	9
KY_RS	09/23/2021	23	0.8735	0.0000	0.8735	0.8735	0.0000	9
KY_RS	09/23/2021	24	0.7538	0.0000	0.7538	0.7538	0.0000	9
KY_RS	09/24/2021	1	0.6639	0.0000	0.6639	0.6639	0.0000	9
KY_RS	09/24/2021	2	0.6090	0.0000	0.6090	0.6090	0.0000	9
KY_RS	09/24/2021	3	0.5810	0.0000	0.5810	0.5810	0.0000	9
KY_RS	09/24/2021	4	0.5691	0.0000	0.5691	0.5691	0.0000	9
KY_RS	09/24/2021	5	0.5759	0.0000	0.5759	0.5759	0.0000	9
KY_RS	09/24/2021	6	0.6224	0.0000	0.6224	0.6224	0.0000	9
KY_RS	09/24/2021	7	0.7267	0.0000	0.7267	0.7267	0.0000	9
KY_RS	09/24/2021	8	0.7848	0.0000	0.7848	0.7848	0.0000	9
KY_RS	09/24/2021	9	0.7848	0.3147	0.4701	0.4701	0.0000	9
KY_RS	09/24/2021	10	0.7800	0.8746	(0.0946)	0.0000	(0.0946)	9
KY_RS	09/24/2021	11	0.7746	2.7949	(2.0203)	0.0000	(2.0203)	9
KY_RS	09/24/2021	12	0.7780	1.6900	(0.9120)	0.0000	(0.9120)	9
KY_RS	09/24/2021	13	0.7897	2.5088	(1.7191)	0.0000	(1.7191)	9
KY_RS	09/24/2021	14	0.8009	4.0381	(3.2372)	0.0000	(3.2372)	9
KY_RS	09/24/2021	15	0.8269	3.7141	(2.8873)	0.0000	(2.8873)	9
KY_RS	09/24/2021	16	0.8885	3.0624	(2.1739)	0.0000	(2.1739)	9
KY_RS	09/24/2021	17	0.9748	3.1788	(2.2040)	0.0000	(2.2040)	9
KY_RS	09/24/2021	18	1.0423	2.1053	(1.0630)	0.0000	(1.0630)	9
KY_RS	09/24/2021	19	1.0449	0.7720	0.2729	0.2729	0.0000	9
KY_RS	09/24/2021	20	1.0119	0.0000	1.0119	1.0119	0.0000	9
KY_RS	09/24/2021	21	1.0126	0.0000	1.0126	1.0126	0.0000	9
KY_RS	09/24/2021	22	0.9630	0.0000	0.9630	0.9630	0.0000	9
KY_RS	09/24/2021	23	0.8933	0.0000	0.8933	0.8933	0.0000	9
KY_RS	09/24/2021	24	0.7999	0.0000	0.7999	0.7999	0.0000	9
KY_RS	09/25/2021	1	0.7085	0.0000	0.7085	0.7085	0.0000	9
KY_RS	09/25/2021	2	0.6413	0.0000	0.6413	0.6413	0.0000	9
KY_RS	09/25/2021	3	0.5981	0.0000	0.5981	0.5981	0.0000	9
KY_RS	09/25/2021	4	0.5720	0.0000	0.5720	0.5720	0.0000	9
KY_RS	09/25/2021	5	0.5615	0.0000	0.5615	0.5615	0.0000	9
KY_RS	09/25/2021	6	0.5677	0.0000	0.5677	0.5677	0.0000	9
KY_RS	09/25/2021	7	0.5931	0.0000	0.5931	0.5931	0.0000	9
KY_RS	09/25/2021	8	0.6552	0.0000	0.6552	0.6552	0.0000	9
KY_RS	09/25/2021	9	0.7493	0.7059	0.0434	0.0434	0.0000	9
KY_RS	09/25/2021	10	0.8315	2.2169	(1.3854)	0.0000	(1.3854)	9
KY_RS	09/25/2021	11	0.8821	3.1228	(2.2407)	0.0000	(2.2407)	9
KY_RS	09/25/2021	12	0.9097	2.8867	(1.9770)	0.0000	(1.9770)	9
KY_RS	09/25/2021	13	0.9237	3.6087	(2.6850)	0.0000	(2.6850)	9
KY_RS	09/25/2021	14	0.9376	4.5498	(3.6122)	0.0000	(3.6122)	9
KY_RS	09/25/2021	15	0.9611	4.4061	(3.4450)	0.0000	(3.4450)	9
KY_RS	09/25/2021	16	0.9932	3.9840	(2.9908)	0.0000	(2.9908)	9

KY_RS	09/25/2021	17	1.0350	3.2321	(2.1971)	0.0000	(2.1971)	9
KY_RS	09/25/2021	18	1.0638	2.0445	(0.9807)	0.0000	(0.9807)	9
KY_RS	09/25/2021	19	1.0432	0.7713	0.2719	0.2719	0.0000	9
KY_RS	09/25/2021	20	0.9994	0.0000	0.9994	0.9994	0.0000	9
KY_RS	09/25/2021	21	0.9891	0.0000	0.9891	0.9891	0.0000	9
KY_RS	09/25/2021	22	0.9380	0.0000	0.9380	0.9380	0.0000	9
KY_RS	09/25/2021	23	0.8677	0.0000	0.8677	0.8677	0.0000	9
KY_RS	09/25/2021	24	0.7852	0.0000	0.7852	0.7852	0.0000	9
KY_RS	09/26/2021	1	0.7023	0.0000	0.7023	0.7023	0.0000	9
KY_RS	09/26/2021	2	0.6374	0.0000	0.6374	0.6374	0.0000	9
KY_RS	09/26/2021	3	0.5975	0.0000	0.5975	0.5975	0.0000	9
KY_RS	09/26/2021	4	0.5742	0.0000	0.5742	0.5742	0.0000	9
KY_RS	09/26/2021	5	0.5641	0.0000	0.5641	0.5641	0.0000	9
KY_RS	09/26/2021	6	0.5697	0.0000	0.5697	0.5697	0.0000	9
KY_RS	09/26/2021	7	0.5945	0.0000	0.5945	0.5945	0.0000	9
KY_RS	09/26/2021	8	0.6580	0.0000	0.6580	0.6580	0.0000	9
KY_RS	09/26/2021	9	0.7684	0.8301	(0.0616)	0.0000	(0.0616)	9
KY_RS	09/26/2021	10	0.8564	2.2159	(1.3594)	0.0000	(1.3594)	9
KY_RS	09/26/2021	11	0.9108	2.6504	(1.7397)	0.0000	(1.7397)	9
KY_RS	09/26/2021	12	0.9471	2.5374	(1.5903)	0.0000	(1.5903)	9
KY_RS	09/26/2021	13	0.9877	2.7595	(1.7718)	0.0000	(1.7718)	9
KY_RS	09/26/2021	14	1.0127	2.2198	(1.2071)	0.0000	(1.2071)	9
KY_RS	09/26/2021	15	1.0494	1.7422	(0.6927)	0.0000	(0.6927)	9
KY_RS	09/26/2021	16	1.0960	1.7991	(0.7031)	0.0000	(0.7031)	9
KY_RS	09/26/2021	17	1.1773	1.3600	(0.1827)	0.0000	(0.1827)	9
KY_RS	09/26/2021	18	1.2536	1.7887	(0.5351)	0.0000	(0.5351)	9
KY_RS	09/26/2021	19	1.2559	0.7078	0.5481	0.5481	0.0000	9
KY_RS	09/26/2021	20	1.2467	0.0000	1.2467	1.2467	0.0000	9
KY_RS	09/26/2021	21	1.2633	0.0000	1.2633	1.2633	0.0000	9
KY_RS	09/26/2021	22	1.1592	0.0000	1.1592	1.1592	0.0000	9
KY_RS	09/26/2021	23	1.0008	0.0000	1.0008	1.0008	0.0000	9
KY_RS	09/26/2021	24	0.8409	0.0000	0.8409	0.8409	0.0000	9
KY_RS	09/27/2021	1	0.7176	0.0000	0.7176	0.7176	0.0000	9
KY_RS	09/27/2021	2	0.6428	0.0000	0.6428	0.6428	0.0000	9
KY_RS	09/27/2021	3	0.5974	0.0000	0.5974	0.5974	0.0000	9
KY_RS	09/27/2021	4	0.5744	0.0000	0.5744	0.5744	0.0000	9
KY_RS	09/27/2021	5	0.5754	0.0000	0.5754	0.5754	0.0000	9
KY_RS	09/27/2021	6	0.6179	0.0000	0.6179	0.6179	0.0000	9
KY_RS	09/27/2021	7	0.7163	0.0000	0.7163	0.7163	0.0000	9
KY_RS	09/27/2021	8	0.7622	0.0000	0.7622	0.7622	0.0000	9
KY_RS	09/27/2021	9	0.7510	0.8105	(0.0594)	0.0000	(0.0594)	9
KY_RS	09/27/2021	10	0.7700	2.2330	(1.4630)	0.0000	(1.4630)	9
KY_RS	09/27/2021	11	0.8132	1.6748	(0.8616)	0.0000	(0.8616)	9
KY_RS	09/27/2021	12	0.8711	2.4595	(1.5884)	0.0000	(1.5884)	9
KY_RS	09/27/2021	13	0.9460	1.9022	(0.9562)	0.0000	(0.9562)	9
KY_RS	09/27/2021	14	1.0330	2.8922	(1.8592)	0.0000	(1.8592)	9
KY_RS	09/27/2021	15	1.1337	3.0013	(1.8676)	0.0000	(1.8676)	9
KY_RS	09/27/2021	16	1.2716	3.9708	(2.6993)	0.0000	(2.6993)	9
KY_RS	09/27/2021	17	1.4219	3.1928	(1.7709)	0.0000	(1.7709)	9
KY_RS	09/27/2021	18	1.5166	2.0636	(0.5471)	0.0000	(0.5471)	9
KY_RS	09/27/2021	19	1.5594	0.7013	0.8581	0.8581	0.0000	9
KY_RS	09/27/2021	20	1.5360	0.0000	1.5360	1.5360	0.0000	9
KY_RS	09/27/2021	21	1.5335	0.0000	1.5335	1.5335	0.0000	9
KY_RS	09/27/2021	22	1.4309	0.0000	1.4309	1.4309	0.0000	9
KY_RS	09/27/2021	23	1.2708	0.0000	1.2708	1.2708	0.0000	9
KY_RS	09/27/2021	24	1.1001	0.0000	1.1001	1.1001	0.0000	9
KY_RS	09/28/2021	1	0.9534	0.0000	0.9534	0.9534	0.0000	9
KY_RS	09/28/2021	2	0.8378	0.0000	0.8378	0.8378	0.0000	9
KY_RS	09/28/2021	3	0.7702	0.0000	0.7702	0.7702	0.0000	9
KY_RS	09/28/2021	4	0.7312	0.0000	0.7312	0.7312	0.0000	9
KY_RS	09/28/2021	5	0.7169	0.0000	0.7169	0.7169	0.0000	9
KY_RS	09/28/2021	6	0.7428	0.0000	0.7428	0.7428	0.0000	9
KY_RS	09/28/2021	7	0.8306	0.0000	0.8306	0.8306	0.0000	9
KY_RS	09/28/2021	8	0.8732	0.0000	0.8732	0.8732	0.0000	9
KY_RS	09/28/2021	9	0.8575	0.1175	0.7401	0.7401	0.0000	9
KY_RS	09/28/2021	10	0.8916	0.8418	0.0498	0.0498	0.0000	9
KY_RS	09/28/2021	11	0.9942	1.9569	(0.9627)	0.0000	(0.9627)	9
KY_RS	09/28/2021	12	1.1030	1.3748	(0.2718)	0.0000	(0.2718)	9
KY_RS	09/28/2021	13	1.2252	1.7950	(0.5698)	0.0000	(0.5698)	9
KY_RS	09/28/2021	14	1.3451	0.5991	0.7459	0.7459	0.0000	9
KY_RS	09/28/2021	15	1.4638	0.3832	1.0806	1.0806	0.0000	9
KY_RS	09/28/2021	16	1.6166	0.4735	1.1431	1.1431	0.0000	9
KY_RS	09/28/2021	17	1.7653	0.4075	1.3578	1.3578	0.0000	9
KY_RS	09/28/2021	18	1.8758	0.0418	1.8340	1.8340	0.0000	9
KY_RS	09/28/2021	19	1.8801	0.4552	1.4249	1.4249	0.0000	9
KY_RS	09/28/2021	20	1.8020	0.0000	1.8020	1.8020	0.0000	9
KY_RS	09/28/2021	21	1.7572	0.0000	1.7572	1.7572	0.0000	9
KY_RS	09/28/2021	22	1.6121	0.0000	1.6121	1.6121	0.0000	9
KY_RS	09/28/2021	23	1.4195	0.0000	1.4195	1.4195	0.0000	9

KY_RS	09/28/2021	24	1.2127	0.0000	1.2127	1.2127	0.0000	9
KY_RS	09/29/2021	1	1.0314	0.0000	1.0314	1.0314	0.0000	9
KY_RS	09/29/2021	2	0.8991	0.0000	0.8991	0.8991	0.0000	9
KY_RS	09/29/2021	3	0.8081	0.0000	0.8081	0.8081	0.0000	9
KY_RS	09/29/2021	4	0.7531	0.0000	0.7531	0.7531	0.0000	9
KY_RS	09/29/2021	5	0.7256	0.0000	0.7256	0.7256	0.0000	9
KY_RS	09/29/2021	6	0.7420	0.0000	0.7420	0.7420	0.0000	9
KY_RS	09/29/2021	7	0.8241	0.0000	0.8241	0.8241	0.0000	9
KY_RS	09/29/2021	8	0.8566	0.0000	0.8566	0.8566	0.0000	9
KY_RS	09/29/2021	9	0.8417	0.8559	(0.0142)	0.0000	(0.0142)	9
KY_RS	09/29/2021	10	0.8857	1.8680	(0.9823)	0.0000	(0.9823)	9
KY_RS	09/29/2021	11	0.9653	3.1166	(2.1513)	0.0000	(2.1513)	9
KY_RS	09/29/2021	12	1.0656	1.7192	(0.6536)	0.0000	(0.6536)	9
KY_RS	09/29/2021	13	1.1919	1.5288	(0.3368)	0.0000	(0.3368)	9
KY_RS	09/29/2021	14	1.3176	1.1078	0.2098	0.2098	0.0000	9
KY_RS	09/29/2021	15	1.4459	1.4145	0.0315	0.0315	0.0000	9
KY_RS	09/29/2021	16	1.6044	1.5295	0.0749	0.0749	0.0000	9
KY_RS	09/29/2021	17	1.7567	2.7474	(0.9908)	0.0000	(0.9908)	9
KY_RS	09/29/2021	18	1.8542	1.0252	0.8289	0.8289	0.0000	9
KY_RS	09/29/2021	19	1.8209	1.8209	1.6316	1.6316	0.0000	9
KY_RS	09/29/2021	20	1.7105	0.0000	1.7105	1.7105	0.0000	9
KY_RS	09/29/2021	21	1.6460	0.0000	1.6460	1.6460	0.0000	9
KY_RS	09/29/2021	22	1.4991	0.0000	1.4991	1.4991	0.0000	9
KY_RS	09/29/2021	23	1.2982	0.0000	1.2982	1.2982	0.0000	9
KY_RS	09/29/2021	24	1.0821	0.0000	1.0821	1.0821	0.0000	9
KY_RS	09/30/2021	1	0.9081	0.0000	0.9081	0.9081	0.0000	9
KY_RS	09/30/2021	2	0.7873	0.0000	0.7873	0.7873	0.0000	9
KY_RS	09/30/2021	3	0.7128	0.0000	0.7128	0.7128	0.0000	9
KY_RS	09/30/2021	4	0.6670	0.0000	0.6670	0.6670	0.0000	9
KY_RS	09/30/2021	5	0.6473	0.0000	0.6473	0.6473	0.0000	9
KY_RS	09/30/2021	6	0.6724	0.0000	0.6724	0.6724	0.0000	9
KY_RS	09/30/2021	7	0.7505	0.0000	0.7505	0.7505	0.0000	9
KY_RS	09/30/2021	8	0.7946	0.0000	0.7946	0.7946	0.0000	9
KY_RS	09/30/2021	9	0.7903	0.8577	(0.0674)	0.0000	(0.0674)	9
KY_RS	09/30/2021	10	0.8169	2.3996	(1.5828)	0.0000	(1.5828)	9
KY_RS	09/30/2021	11	0.8731	3.5336	(2.6605)	0.0000	(2.6605)	9
KY_RS	09/30/2021	12	0.9454	4.2803	(3.3349)	0.0000	(3.3349)	9
KY_RS	09/30/2021	13	1.0238	4.6925	(3.6688)	0.0000	(3.6688)	9
KY_RS	09/30/2021	14	1.1118	4.6975	(3.5857)	0.0000	(3.5857)	9
KY_RS	09/30/2021	15	1.2216	4.0447	(2.8231)	0.0000	(2.8231)	9
KY_RS	09/30/2021	16	1.2946	3.0662	(1.7716)	0.0000	(1.7716)	9
KY_RS	09/30/2021	17	1.4380	2.0630	(0.6250)	0.0000	(0.6250)	9
KY_RS	09/30/2021	18	1.5624	1.9230	(0.3606)	0.0000	(0.3606)	9
KY_RS	09/30/2021	19	1.5558	0.1042	1.4516	1.4516	0.0000	9
KY_RS	09/30/2021	20	1.4735	0.0000	1.4735	1.4735	0.0000	9
KY_RS	09/30/2021	21	1.4367	0.0000	1.4367	1.4367	0.0000	9
KY_RS	09/30/2021	22	1.3092	0.0000	1.3092	1.3092	0.0000	9
KY_RS	09/30/2021	23	1.3073	0.0000	1.3073	1.3073	0.0000	9
KY_RS	09/30/2021	24	1.4004	0.0000	1.4004	1.4004	0.0000	9
KY_RS	10/01/2021	1	0.8333	0.0000	0.8333	0.8333	0.0000	10
KY_RS	10/01/2021	2	0.7320	0.0000	0.7320	0.7320	0.0000	10
KY_RS	10/01/2021	3	0.6655	0.0000	0.6655	0.6655	0.0000	10
KY_RS	10/01/2021	4	0.6269	0.0000	0.6269	0.6269	0.0000	10
KY_RS	10/01/2021	5	0.6121	0.0000	0.6121	0.6121	0.0000	10
KY_RS	10/01/2021	6	0.6412	0.0000	0.6412	0.6412	0.0000	10
KY_RS	10/01/2021	7	0.7261	0.0000	0.7261	0.7261	0.0000	10
KY_RS	10/01/2021	8	0.7693	0.0000	0.7693	0.7693	0.0000	10
KY_RS	10/01/2021	9	0.7703	0.1595	0.6109	0.6109	0.0000	10
KY_RS	10/01/2021	10	0.7949	0.1609	0.6339	0.6339	0.0000	10
KY_RS	10/01/2021	11	0.8279	0.8617	(0.0338)	0.0000	(0.0338)	10
KY_RS	10/01/2021	12	0.8653	0.7006	0.1647	0.1647	0.0000	10
KY_RS	10/01/2021	13	0.9518	1.7742	(0.8224)	0.0000	(0.8224)	10
KY_RS	10/01/2021	14	1.0299	1.9119	(0.8820)	0.0000	(0.8820)	10
KY_RS	10/01/2021	15	1.1207	0.5810	0.5397	0.5397	0.0000	10
KY_RS	10/01/2021	16	1.2636	0.5335	0.7301	0.7301	0.0000	10
KY_RS	10/01/2021	17	1.3980	0.7963	0.6017	0.6017	0.0000	10
KY_RS	10/01/2021	18	1.4644	2.1877	(0.7233)	0.0000	(0.7233)	10
KY_RS	10/01/2021	19	1.4026	0.6870	0.7156	0.7156	0.0000	10
KY_RS	10/01/2021	20	1.2728	0.0000	1.2728	1.2728	0.0000	10
KY_RS	10/01/2021	21	1.2044	0.0000	1.2044	1.2044	0.0000	10
KY_RS	10/01/2021	22	1.1182	0.0000	1.1182	1.1182	0.0000	10
KY_RS	10/01/2021	23	1.0231	0.0000	1.0231	1.0231	0.0000	10
KY_RS	10/01/2021	24	0.8991	0.0000	0.8991	0.8991	0.0000	10
KY_RS	10/02/2021	1	0.7747	0.0000	0.7747	0.7747	0.0000	10
KY_RS	10/02/2021	2	0.6855	0.0000	0.6855	0.6855	0.0000	10
KY_RS	10/02/2021	3	0.6289	0.0000	0.6289	0.6289	0.0000	10
KY_RS	10/02/2021	4	0.5948	0.0000	0.5948	0.5948	0.0000	10
KY_RS	10/02/2021	5	0.5787	0.0000	0.5787	0.5787	0.0000	10
KY_RS	10/02/2021	6	0.5795	0.0000	0.5795	0.5795	0.0000	10

KY_RS	10/02/2021	7	0.6060	0.0000	0.6060	0.6060	0.0000	10
KY_RS	10/02/2021	8	0.6686	0.0000	0.6686	0.6686	0.0000	10
KY_RS	10/02/2021	9	0.7638	0.8599	(0.0961)	0.0000	(0.0961)	10
KY_RS	10/02/2021	10	0.8366	2.4517	(1.6151)	0.0000	(1.6151)	10
KY_RS	10/02/2021	11	0.8972	3.6641	(2.7669)	0.0000	(2.7669)	10
KY_RS	10/02/2021	12	0.9357	4.4552	(3.5194)	0.0000	(3.5194)	10
KY_RS	10/02/2021	13	0.9772	4.9098	(3.9326)	0.0000	(3.9326)	10
KY_RS	10/02/2021	14	1.0311	4.2367	(3.2057)	0.0000	(3.2057)	10
KY_RS	10/02/2021	15	1.1379	4.8547	(3.7169)	0.0000	(3.7169)	10
KY_RS	10/02/2021	16	1.2420	4.3446	(3.1026)	0.0000	(3.1026)	10
KY_RS	10/02/2021	17	1.2827	3.4844	(2.2018)	0.0000	(2.2018)	10
KY_RS	10/02/2021	18	1.3164	2.2416	(0.9252)	0.0000	(0.9252)	10
KY_RS	10/02/2021	19	1.3241	0.6966	0.6276	0.6276	0.0000	10
KY_RS	10/02/2021	20	1.3255	0.0000	1.3255	1.3255	0.0000	10
KY_RS	10/02/2021	21	1.3145	0.0000	1.3145	1.3145	0.0000	10
KY_RS	10/02/2021	22	1.2546	0.0000	1.2546	1.2546	0.0000	10
KY_RS	10/02/2021	23	1.1814	0.0000	1.1814	1.1814	0.0000	10
KY_RS	10/02/2021	24	1.0723	0.0000	1.0723	1.0723	0.0000	10
KY_RS	10/03/2021	1	0.9477	0.0000	0.9477	0.9477	0.0000	10
KY_RS	10/03/2021	2	0.8549	0.0000	0.8549	0.8549	0.0000	10
KY_RS	10/03/2021	3	0.7897	0.0000	0.7897	0.7897	0.0000	10
KY_RS	10/03/2021	4	0.7437	0.0000	0.7437	0.7437	0.0000	10
KY_RS	10/03/2021	5	0.7156	0.0000	0.7156	0.7156	0.0000	10
KY_RS	10/03/2021	6	0.7055	0.0000	0.7055	0.7055	0.0000	10
KY_RS	10/03/2021	7	0.7140	0.0000	0.7140	0.7140	0.0000	10
KY_RS	10/03/2021	8	0.7656	0.0000	0.7656	0.7656	0.0000	10
KY_RS	10/03/2021	9	0.8808	0.4963	0.3845	0.3845	0.0000	10
KY_RS	10/03/2021	10	0.9990	2.3431	(1.3441)	0.0000	(1.3441)	10
KY_RS	10/03/2021	11	1.1046	3.4958	(2.3912)	0.0000	(2.3912)	10
KY_RS	10/03/2021	12	1.1962	4.2228	(3.0266)	0.0000	(3.0266)	10
KY_RS	10/03/2021	13	1.2363	4.6783	(3.4420)	0.0000	(3.4420)	10
KY_RS	10/03/2021	14	1.2382	4.8014	(3.5632)	0.0000	(3.5632)	10
KY_RS	10/03/2021	15	1.2270	4.6235	(3.3964)	0.0000	(3.3964)	10
KY_RS	10/03/2021	16	1.2343	4.1330	(2.8988)	0.0000	(2.8988)	10
KY_RS	10/03/2021	17	1.3202	3.3086	(1.9883)	0.0000	(1.9883)	10
KY_RS	10/03/2021	18	1.3816	2.1053	(0.7237)	0.0000	(0.7237)	10
KY_RS	10/03/2021	19	1.3795	0.6398	0.7396	0.7396	0.0000	10
KY_RS	10/03/2021	20	1.4087	0.0000	1.4087	1.4087	0.0000	10
KY_RS	10/03/2021	21	1.3964	0.0000	1.3964	1.3964	0.0000	10
KY_RS	10/03/2021	22	1.2938	0.0000	1.2938	1.2938	0.0000	10
KY_RS	10/03/2021	23	1.1448	0.0000	1.1448	1.1448	0.0000	10
KY_RS	10/03/2021	24	0.9784	0.0000	0.9784	0.9784	0.0000	10
KY_RS	10/04/2021	1	0.8518	0.0000	0.8518	0.8518	0.0000	10
KY_RS	10/04/2021	2	0.7561	0.0000	0.7561	0.7561	0.0000	10
KY_RS	10/04/2021	3	0.6973	0.0000	0.6973	0.6973	0.0000	10
KY_RS	10/04/2021	4	0.6638	0.0000	0.6638	0.6638	0.0000	10
KY_RS	10/04/2021	5	0.6568	0.0000	0.6568	0.6568	0.0000	10
KY_RS	10/04/2021	6	0.6923	0.0000	0.6923	0.6923	0.0000	10
KY_RS	10/04/2021	7	0.7879	0.0000	0.7879	0.7879	0.0000	10
KY_RS	10/04/2021	8	0.8350	0.0000	0.8350	0.8350	0.0000	10
KY_RS	10/04/2021	9	0.8209	0.7903	0.0306	0.0306	0.0000	10
KY_RS	10/04/2021	10	0.8365	2.2666	(1.4301)	0.0000	(1.4301)	10
KY_RS	10/04/2021	11	0.8891	3.3833	(2.4941)	0.0000	(2.4941)	10
KY_RS	10/04/2021	12	0.9565	4.1154	(3.1589)	0.0000	(3.1589)	10
KY_RS	10/04/2021	13	1.0240	4.5069	(3.4828)	0.0000	(3.4828)	10
KY_RS	10/04/2021	14	1.0940	4.6136	(3.5196)	0.0000	(3.5196)	10
KY_RS	10/04/2021	15	1.1559	4.4539	(3.2980)	0.0000	(3.2980)	10
KY_RS	10/04/2021	16	1.2844	3.9773	(2.6929)	0.0000	(2.6929)	10
KY_RS	10/04/2021	17	1.3659	3.1877	(1.8217)	0.0000	(1.8217)	10
KY_RS	10/04/2021	18	1.4491	2.0165	(0.5675)	0.0000	(0.5675)	10
KY_RS	10/04/2021	19	1.4608	0.5871	0.8737	0.8737	0.0000	10
KY_RS	10/04/2021	20	1.4531	0.0000	1.4531	1.4531	0.0000	10
KY_RS	10/04/2021	21	1.4368	0.0000	1.4368	1.4368	0.0000	10
KY_RS	10/04/2021	22	1.3210	0.0000	1.3210	1.3210	0.0000	10
KY_RS	10/04/2021	23	1.1542	0.0000	1.1542	1.1542	0.0000	10
KY_RS	10/04/2021	24	0.9729	0.0000	0.9729	0.9729	0.0000	10
KY_RS	10/05/2021	1	0.8275	0.0000	0.8275	0.8275	0.0000	10
KY_RS	10/05/2021	2	0.7317	0.0000	0.7317	0.7317	0.0000	10
KY_RS	10/05/2021	3	0.6736	0.0000	0.6736	0.6736	0.0000	10
KY_RS	10/05/2021	4	0.6394	0.0000	0.6394	0.6394	0.0000	10
KY_RS	10/05/2021	5	0.6321	0.0000	0.6321	0.6321	0.0000	10
KY_RS	10/05/2021	6	0.6657	0.0000	0.6657	0.6657	0.0000	10
KY_RS	10/05/2021	7	0.7577	0.0000	0.7577	0.7577	0.0000	10
KY_RS	10/05/2021	8	0.8023	0.0000	0.8023	0.8023	0.0000	10
KY_RS	10/05/2021	9	0.7848	0.7362	0.0487	0.0487	0.0000	10
KY_RS	10/05/2021	10	0.8000	2.1806	(1.3806)	0.0000	(1.3806)	10
KY_RS	10/05/2021	11	0.8613	3.2685	(2.4073)	0.0000	(2.4073)	10
KY_RS	10/05/2021	12	0.9624	3.9713	(3.0089)	0.0000	(3.0089)	10
KY_RS	10/05/2021	13	1.0650	4.3981	(3.3331)	0.0000	(3.3331)	10

KY_RS	10/05/2021	14	1.1503	4.4925	(3.3422)	0.0000	(3.3422)	10
KY_RS	10/05/2021	15	1.2338	4.3412	(3.1074)	0.0000	(3.1074)	10
KY_RS	10/05/2021	16	1.3467	3.8673	(2.5206)	0.0000	(2.5206)	10
KY_RS	10/05/2021	17	1.4718	3.0755	(1.6036)	0.0000	(1.6036)	10
KY_RS	10/05/2021	18	1.5884	1.9199	(0.3315)	0.0000	(0.3315)	10
KY_RS	10/05/2021	19	1.5628	0.5339	1.0288	1.0288	0.0000	10
KY_RS	10/05/2021	20	1.5390	0.0000	1.5390	1.5390	0.0000	10
KY_RS	10/05/2021	21	1.5195	0.0000	1.5195	1.5195	0.0000	10
KY_RS	10/05/2021	22	1.4078	0.0000	1.4078	1.4078	0.0000	10
KY_RS	10/05/2021	23	1.2519	0.0000	1.2519	1.2519	0.0000	10
KY_RS	10/05/2021	24	1.0829	0.0000	1.0829	1.0829	0.0000	10
KY_RS	10/06/2021	1	0.9431	0.0000	0.9431	0.9431	0.0000	10
KY_RS	10/06/2021	2	0.8433	0.0000	0.8433	0.8433	0.0000	10
KY_RS	10/06/2021	3	0.7800	0.0000	0.7800	0.7800	0.0000	10
KY_RS	10/06/2021	4	0.7419	0.0000	0.7419	0.7419	0.0000	10
KY_RS	10/06/2021	5	0.7300	0.0000	0.7300	0.7300	0.0000	10
KY_RS	10/06/2021	6	0.7579	0.0000	0.7579	0.7579	0.0000	10
KY_RS	10/06/2021	7	0.8527	0.0000	0.8527	0.8527	0.0000	10
KY_RS	10/06/2021	8	0.9014	0.0000	0.9014	0.9014	0.0000	10
KY_RS	10/06/2021	9	0.8784	0.5031	0.3753	0.3753	0.0000	10
KY_RS	10/06/2021	10	0.8944	2.2093	(1.3149)	0.0000	(1.3149)	10
KY_RS	10/06/2021	11	0.9180	3.3352	(2.4172)	0.0000	(2.4172)	10
KY_RS	10/06/2021	12	0.9625	4.0470	(3.0845)	0.0000	(3.0845)	10
KY_RS	10/06/2021	13	1.0210	4.4549	(3.4339)	0.0000	(3.4339)	10
KY_RS	10/06/2021	14	1.0474	4.5547	(3.5074)	0.0000	(3.5074)	10
KY_RS	10/06/2021	15	1.1389	4.3183	(3.1794)	0.0000	(3.1794)	10
KY_RS	10/06/2021	16	1.2914	3.8275	(2.5361)	0.0000	(2.5361)	10
KY_RS	10/06/2021	17	1.3933	3.0362	(1.6428)	0.0000	(1.6428)	10
KY_RS	10/06/2021	18	1.4574	1.8632	(0.4058)	0.0000	(0.4058)	10
KY_RS	10/06/2021	19	1.4733	0.4853	0.9880	0.9880	0.0000	10
KY_RS	10/06/2021	20	1.4838	0.0000	1.4838	1.4838	0.0000	10
KY_RS	10/06/2021	21	1.4852	0.0000	1.4852	1.4852	0.0000	10
KY_RS	10/06/2021	22	1.3992	0.0000	1.3992	1.3992	0.0000	10
KY_RS	10/06/2021	23	1.2591	0.0000	1.2591	1.2591	0.0000	10
KY_RS	10/06/2021	24	1.0814	0.0000	1.0814	1.0814	0.0000	10
KY_RS	10/07/2021	1	0.9133	0.0000	0.9133	0.9133	0.0000	10
KY_RS	10/07/2021	2	0.8117	0.0000	0.8117	0.8117	0.0000	10
KY_RS	10/07/2021	3	0.7482	0.0000	0.7482	0.7482	0.0000	10
KY_RS	10/07/2021	4	0.7068	0.0000	0.7068	0.7068	0.0000	10
KY_RS	10/07/2021	5	0.6951	0.0000	0.6951	0.6951	0.0000	10
KY_RS	10/07/2021	6	0.7205	0.0000	0.7205	0.7205	0.0000	10
KY_RS	10/07/2021	7	0.8032	0.0000	0.8032	0.8032	0.0000	10
KY_RS	10/07/2021	8	0.8494	0.0000	0.8494	0.8494	0.0000	10
KY_RS	10/07/2021	9	0.8445	0.6752	0.1693	0.1693	0.0000	10
KY_RS	10/07/2021	10	0.8555	2.1202	(1.2647)	0.0000	(1.2647)	10
KY_RS	10/07/2021	11	0.8831	3.2551	(2.3720)	0.0000	(2.3720)	10
KY_RS	10/07/2021	12	0.9269	4.0150	(3.0882)	0.0000	(3.0882)	10
KY_RS	10/07/2021	13	1.0191	4.4273	(3.4082)	0.0000	(3.4082)	10
KY_RS	10/07/2021	14	1.1501	4.5412	(3.3911)	0.0000	(3.3911)	10
KY_RS	10/07/2021	15	1.2724	4.3709	(3.0985)	0.0000	(3.0985)	10
KY_RS	10/07/2021	16	1.3901	3.8851	(2.4950)	0.0000	(2.4950)	10
KY_RS	10/07/2021	17	1.4713	3.0904	(1.6192)	0.0000	(1.6192)	10
KY_RS	10/07/2021	18	1.5010	1.9200	(0.4189)	0.0000	(0.4189)	10
KY_RS	10/07/2021	19	1.4944	0.5099	0.9845	0.9845	0.0000	10
KY_RS	10/07/2021	20	1.4764	0.0000	1.4764	1.4764	0.0000	10
KY_RS	10/07/2021	21	1.4689	0.0000	1.4689	1.4689	0.0000	10
KY_RS	10/07/2021	22	1.3862	0.0000	1.3862	1.3862	0.0000	10
KY_RS	10/07/2021	23	1.2557	0.0000	1.2557	1.2557	0.0000	10
KY_RS	10/07/2021	24	1.0986	0.0000	1.0986	1.0986	0.0000	10
KY_RS	10/08/2021	1	0.9511	0.0000	0.9511	0.9511	0.0000	10
KY_RS	10/08/2021	2	0.8362	0.0000	0.8362	0.8362	0.0000	10
KY_RS	10/08/2021	3	0.7648	0.0000	0.7648	0.7648	0.0000	10
KY_RS	10/08/2021	4	0.7227	0.0000	0.7227	0.7227	0.0000	10
KY_RS	10/08/2021	5	0.7073	0.0000	0.7073	0.7073	0.0000	10
KY_RS	10/08/2021	6	0.7218	0.0000	0.7218	0.7218	0.0000	10
KY_RS	10/08/2021	7	0.7795	0.0000	0.7795	0.7795	0.0000	10
KY_RS	10/08/2021	8	0.8339	0.0000	0.8339	0.8339	0.0000	10
KY_RS	10/08/2021	9	0.8681	0.7069	0.1612	0.1612	0.0000	10
KY_RS	10/08/2021	10	0.9191	2.1708	(1.2518)	0.0000	(1.2518)	10
KY_RS	10/08/2021	11	0.9699	3.3006	(2.3307)	0.0000	(2.3307)	10
KY_RS	10/08/2021	12	1.0506	4.0158	(2.9652)	0.0000	(2.9652)	10
KY_RS	10/08/2021	13	1.1724	4.3837	(3.2113)	0.0000	(3.2113)	10
KY_RS	10/08/2021	14	1.2759	4.4560	(3.1801)	0.0000	(3.1801)	10
KY_RS	10/08/2021	15	1.3654	4.2202	(2.8549)	0.0000	(2.8549)	10
KY_RS	10/08/2021	16	1.4303	3.7467	(2.3164)	0.0000	(2.3164)	10
KY_RS	10/08/2021	17	1.4673	2.9595	(1.4923)	0.0000	(1.4923)	10
KY_RS	10/08/2021	18	1.5199	1.8175	(0.2976)	0.0000	(0.2976)	10
KY_RS	10/08/2021	19	1.4857	0.4519	1.0338	1.0338	0.0000	10
KY_RS	10/08/2021	20	1.3958	0.0000	1.3958	1.3958	0.0000	10

KY_RS	10/08/2021	21	1.3434	0.0000	1.3434	1.3434	0.0000	10
KY_RS	10/08/2021	22	1.2588	0.0000	1.2588	1.2588	0.0000	10
KY_RS	10/08/2021	23	1.1571	0.0000	1.1571	1.1571	0.0000	10
KY_RS	10/08/2021	24	1.0323	0.0000	1.0323	1.0323	0.0000	10
KY_RS	10/09/2021	1	0.9091	0.0000	0.9091	0.9091	0.0000	10
KY_RS	10/09/2021	2	0.8028	0.0000	0.8028	0.8028	0.0000	10
KY_RS	10/09/2021	3	0.7312	0.0000	0.7312	0.7312	0.0000	10
KY_RS	10/09/2021	4	0.6814	0.0000	0.6814	0.6814	0.0000	10
KY_RS	10/09/2021	5	0.6539	0.0000	0.6539	0.6539	0.0000	10
KY_RS	10/09/2021	6	0.6503	0.0000	0.6503	0.6503	0.0000	10
KY_RS	10/09/2021	7	0.6702	0.0000	0.6702	0.6702	0.0000	10
KY_RS	10/09/2021	8	0.7205	0.0000	0.7205	0.7205	0.0000	10
KY_RS	10/09/2021	9	0.8215	0.6441	0.1774	0.1774	0.0000	10
KY_RS	10/09/2021	10	0.9483	1.8060	(0.8577)	0.0000	(0.8577)	10
KY_RS	10/09/2021	11	1.0912	2.2931	(1.2019)	0.0000	(1.2019)	10
KY_RS	10/09/2021	12	1.2217	2.9020	(1.6803)	0.0000	(1.6803)	10
KY_RS	10/09/2021	13	1.3487	2.9036	(1.5549)	0.0000	(1.5549)	10
KY_RS	10/09/2021	14	1.4535	3.4621	(2.0086)	0.0000	(2.0086)	10
KY_RS	10/09/2021	15	1.5443	3.2569	(1.7126)	0.0000	(1.7126)	10
KY_RS	10/09/2021	16	1.6188	2.4692	(0.8504)	0.0000	(0.8504)	10
KY_RS	10/09/2021	17	1.6576	2.1992	(0.5416)	0.0000	(0.5416)	10
KY_RS	10/09/2021	18	1.6641	0.2155	1.4486	1.4486	0.0000	10
KY_RS	10/09/2021	19	1.5784	0.1516	1.4268	1.4268	0.0000	10
KY_RS	10/09/2021	20	1.5057	0.0000	1.5057	1.5057	0.0000	10
KY_RS	10/09/2021	21	1.4389	0.0000	1.4389	1.4389	0.0000	10
KY_RS	10/09/2021	22	1.3543	0.0000	1.3543	1.3543	0.0000	10
KY_RS	10/09/2021	23	1.2583	0.0000	1.2583	1.2583	0.0000	10
KY_RS	10/09/2021	24	1.1354	0.0000	1.1354	1.1354	0.0000	10
KY_RS	10/10/2021	1	1.0029	0.0000	1.0029	1.0029	0.0000	10
KY_RS	10/10/2021	2	0.8916	0.0000	0.8916	0.8916	0.0000	10
KY_RS	10/10/2021	3	0.8052	0.0000	0.8052	0.8052	0.0000	10
KY_RS	10/10/2021	4	0.7459	0.0000	0.7459	0.7459	0.0000	10
KY_RS	10/10/2021	5	0.7082	0.0000	0.7082	0.7082	0.0000	10
KY_RS	10/10/2021	6	0.6961	0.0000	0.6961	0.6961	0.0000	10
KY_RS	10/10/2021	7	0.7015	0.0000	0.7015	0.7015	0.0000	10
KY_RS	10/10/2021	8	0.7484	0.0000	0.7484	0.7484	0.0000	10
KY_RS	10/10/2021	9	0.8660	0.2737	0.5923	0.5923	0.0000	10
KY_RS	10/10/2021	10	1.0044	1.4715	(0.4670)	0.0000	(0.4670)	10
KY_RS	10/10/2021	11	1.1244	1.1661	(0.0417)	0.0000	(0.0417)	10
KY_RS	10/10/2021	12	1.2941	3.0592	(1.7652)	0.0000	(1.7652)	10
KY_RS	10/10/2021	13	1.4652	4.4572	(2.9920)	0.0000	(2.9920)	10
KY_RS	10/10/2021	14	1.6094	4.5713	(2.9620)	0.0000	(2.9620)	10
KY_RS	10/10/2021	15	1.7301	4.3929	(2.6628)	0.0000	(2.6628)	10
KY_RS	10/10/2021	16	1.8249	3.9290	(2.1041)	0.0000	(2.1041)	10
KY_RS	10/10/2021	17	1.9033	3.1209	(1.2176)	0.0000	(1.2176)	10
KY_RS	10/10/2021	18	1.9431	1.9209	0.0222	0.0222	0.0000	10
KY_RS	10/10/2021	19	1.8754	0.4553	1.4201	1.4201	0.0000	10
KY_RS	10/10/2021	20	1.7875	0.0000	1.7875	1.7875	0.0000	10
KY_RS	10/10/2021	21	1.7111	0.0000	1.7111	1.7111	0.0000	10
KY_RS	10/10/2021	22	1.5630	0.0000	1.5630	1.5630	0.0000	10
KY_RS	10/10/2021	23	1.3815	0.0000	1.3815	1.3815	0.0000	10
KY_RS	10/10/2021	24	1.1802	0.0000	1.1802	1.1802	0.0000	10
KY_RS	10/11/2021	1	1.0111	0.0000	1.0111	1.0111	0.0000	10
KY_RS	10/11/2021	2	0.8869	0.0000	0.8869	0.8869	0.0000	10
KY_RS	10/11/2021	3	0.8017	0.0000	0.8017	0.8017	0.0000	10
KY_RS	10/11/2021	4	0.7470	0.0000	0.7470	0.7470	0.0000	10
KY_RS	10/11/2021	5	0.7211	0.0000	0.7211	0.7211	0.0000	10
KY_RS	10/11/2021	6	0.7297	0.0000	0.7297	0.7297	0.0000	10
KY_RS	10/11/2021	7	0.7804	0.0000	0.7804	0.7804	0.0000	10
KY_RS	10/11/2021	8	0.8218	0.0000	0.8218	0.8218	0.0000	10
KY_RS	10/11/2021	9	0.8613	0.1132	0.7480	0.7480	0.0000	10
KY_RS	10/11/2021	10	0.9593	1.6417	(0.6824)	0.0000	(0.6824)	10
KY_RS	10/11/2021	11	1.0842	2.3543	(1.2701)	0.0000	(1.2701)	10
KY_RS	10/11/2021	12	1.2305	2.9659	(1.7354)	0.0000	(1.7354)	10
KY_RS	10/11/2021	13	1.3851	3.7582	(2.3731)	0.0000	(2.3731)	10
KY_RS	10/11/2021	14	1.4498	3.6872	(2.2374)	0.0000	(2.2374)	10
KY_RS	10/11/2021	15	1.5202	3.3363	(1.8162)	0.0000	(1.8162)	10
KY_RS	10/11/2021	16	1.5895	1.9102	(0.3206)	0.0000	(0.3206)	10
KY_RS	10/11/2021	17	1.7266	1.7400	(0.0134)	0.0000	(0.0134)	10
KY_RS	10/11/2021	18	1.8256	0.5760	1.2496	1.2496	0.0000	10
KY_RS	10/11/2021	19	1.7676	0.3410	1.4266	1.4266	0.0000	10
KY_RS	10/11/2021	20	1.7343	0.0000	1.7343	1.7343	0.0000	10
KY_RS	10/11/2021	21	1.6905	0.0000	1.6905	1.6905	0.0000	10
KY_RS	10/11/2021	22	1.5682	0.0000	1.5682	1.5682	0.0000	10
KY_RS	10/11/2021	23	1.4002	0.0000	1.4002	1.4002	0.0000	10
KY_RS	10/11/2021	24	1.2092	0.0000	1.2092	1.2092	0.0000	10
KY_RS	10/12/2021	1	1.0477	0.0000	1.0477	1.0477	0.0000	10
KY_RS	10/12/2021	2	0.9376	0.0000	0.9376	0.9376	0.0000	10
KY_RS	10/12/2021	3	0.8672	0.0000	0.8672	0.8672	0.0000	10

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KY_RS	10/12/2021	4	0.8164	0.0000	0.8164	0.8164	0.0000	10
KY_RS	10/12/2021	5	0.8000	0.0000	0.8000	0.8000	0.0000	10
KY_RS	10/12/2021	6	0.8136	0.0000	0.8136	0.8136	0.0000	10
KY_RS	10/12/2021	7	0.8911	0.0000	0.8911	0.8911	0.0000	10
KY_RS	10/12/2021	8	0.9276	0.0000	0.9276	0.9276	0.0000	10
KY_RS	10/12/2021	9	0.9120	0.0608	0.8512	0.8512	0.0000	10
KY_RS	10/12/2021	10	0.9383	0.1059	0.8324	0.8324	0.0000	10
KY_RS	10/12/2021	11	1.0059	0.3893	0.6166	0.6166	0.0000	10
KY_RS	10/12/2021	12	1.1054	0.6603	0.4450	0.4450	0.0000	10
KY_RS	10/12/2021	13	1.2045	0.8304	0.3742	0.3742	0.0000	10
KY_RS	10/12/2021	14	1.2799	0.7144	0.5656	0.5656	0.0000	10
KY_RS	10/12/2021	15	1.3397	1.2390	0.1008	0.1008	0.0000	10
KY_RS	10/12/2021	16	1.4257	0.7793	0.6463	0.6463	0.0000	10
KY_RS	10/12/2021	17	1.5113	0.6881	0.8232	0.8232	0.0000	10
KY_RS	10/12/2021	18	1.5548	0.3218	1.2330	1.2330	0.0000	10
KY_RS	10/12/2021	19	1.5204	0.2837	1.2367	1.2367	0.0000	10
KY_RS	10/12/2021	20	1.4627	0.0000	1.4627	1.4627	0.0000	10
KY_RS	10/12/2021	21	1.4031	0.0000	1.4031	1.4031	0.0000	10
KY_RS	10/12/2021	22	1.2749	0.0000	1.2749	1.2749	0.0000	10
KY_RS	10/12/2021	23	1.1026	0.0000	1.1026	1.1026	0.0000	10
KY_RS	10/12/2021	24	0.9246	0.0000	0.9246	0.9246	0.0000	10
KY_RS	10/13/2021	1	0.7848	0.0000	0.7848	0.7848	0.0000	10
KY_RS	10/13/2021	2	0.6923	0.0000	0.6923	0.6923	0.0000	10
KY_RS	10/13/2021	3	0.6373	0.0000	0.6373	0.6373	0.0000	10
KY_RS	10/13/2021	4	0.6061	0.0000	0.6061	0.6061	0.0000	10
KY_RS	10/13/2021	5	0.5997	0.0000	0.5997	0.5997	0.0000	10
KY_RS	10/13/2021	6	0.6303	0.0000	0.6303	0.6303	0.0000	10
KY_RS	10/13/2021	7	0.7195	0.0000	0.7195	0.7195	0.0000	10
KY_RS	10/13/2021	8	0.7617	0.0000	0.7617	0.7617	0.0000	10
KY_RS	10/13/2021	9	0.7499	0.1625	0.5874	0.5874	0.0000	10
KY_RS	10/13/2021	10	0.7683	0.2970	0.4713	0.4713	0.0000	10
KY_RS	10/13/2021	11	0.8164	0.5733	0.2431	0.2431	0.0000	10
KY_RS	10/13/2021	12	0.8818	0.1989	0.6829	0.6829	0.0000	10
KY_RS	10/13/2021	13	0.9616	0.2822	0.6795	0.6795	0.0000	10
KY_RS	10/13/2021	14	1.0310	0.8153	0.2158	0.2158	0.0000	10
KY_RS	10/13/2021	15	1.0931	1.0640	0.0291	0.0291	0.0000	10
KY_RS	10/13/2021	16	1.2199	1.4311	(0.2112)	0.0000	(0.2112)	10
KY_RS	10/13/2021	17	1.2803	1.1509	0.1293	0.1293	0.0000	10
KY_RS	10/13/2021	18	1.3428	0.7498	0.5930	0.5930	0.0000	10
KY_RS	10/13/2021	19	1.3888	0.1028	1.2859	1.2859	0.0000	10
KY_RS	10/13/2021	20	1.4306	0.0000	1.4306	1.4306	0.0000	10
KY_RS	10/13/2021	21	1.4085	0.0000	1.4085	1.4085	0.0000	10
KY_RS	10/13/2021	22	1.3223	0.0000	1.3223	1.3223	0.0000	10
KY_RS	10/13/2021	23	1.1818	0.0000	1.1818	1.1818	0.0000	10
KY_RS	10/13/2021	24	1.0206	0.0000	1.0206	1.0206	0.0000	10
KY_RS	10/14/2021	1	0.8899	0.0000	0.8899	0.8899	0.0000	10
KY_RS	10/14/2021	2	0.8053	0.0000	0.8053	0.8053	0.0000	10
KY_RS	10/14/2021	3	0.7517	0.0000	0.7517	0.7517	0.0000	10
KY_RS	10/14/2021	4	0.7162	0.0000	0.7162	0.7162	0.0000	10
KY_RS	10/14/2021	5	0.7047	0.0000	0.7047	0.7047	0.0000	10
KY_RS	10/14/2021	6	0.7331	0.0000	0.7331	0.7331	0.0000	10
KY_RS	10/14/2021	7	0.8253	0.0000	0.8253	0.8253	0.0000	10
KY_RS	10/14/2021	8	0.8805	0.0000	0.8805	0.8805	0.0000	10
KY_RS	10/14/2021	9	0.8781	0.6544	0.2236	0.2236	0.0000	10
KY_RS	10/14/2021	10	0.9542	2.2105	(1.2563)	0.0000	(1.2563)	10
KY_RS	10/14/2021	11	1.0422	3.4392	(2.3970)	0.0000	(2.3970)	10
KY_RS	10/14/2021	12	1.1255	4.2025	(3.0769)	0.0000	(3.0769)	10
KY_RS	10/14/2021	13	1.2497	4.6502	(3.4005)	0.0000	(3.4005)	10
KY_RS	10/14/2021	14	1.3055	3.8443	(2.5387)	0.0000	(2.5387)	10
KY_RS	10/14/2021	15	1.3512	2.0694	(0.7181)	0.0000	(0.7181)	10
KY_RS	10/14/2021	16	1.4783	1.7598	(0.2815)	0.0000	(0.2815)	10
KY_RS	10/14/2021	17	1.6260	0.9415	0.6845	0.6845	0.0000	10
KY_RS	10/14/2021	18	1.6990	0.9303	0.7687	0.7687	0.0000	10
KY_RS	10/14/2021	19	1.6495	0.3243	1.3252	1.3252	0.0000	10
KY_RS	10/14/2021	20	1.6257	0.0000	1.6257	1.6257	0.0000	10
KY_RS	10/14/2021	21	1.5972	0.0000	1.5972	1.5972	0.0000	10
KY_RS	10/14/2021	22	1.4983	0.0000	1.4983	1.4983	0.0000	10
KY_RS	10/14/2021	23	1.3518	0.0000	1.3518	1.3518	0.0000	10
KY_RS	10/14/2021	24	1.1810	0.0000	1.1810	1.1810	0.0000	10
KY_RS	10/15/2021	1	1.0251	0.0000	1.0251	1.0251	0.0000	10
KY_RS	10/15/2021	2	0.9112	0.0000	0.9112	0.9112	0.0000	10
KY_RS	10/15/2021	3	0.8369	0.0000	0.8369	0.8369	0.0000	10
KY_RS	10/15/2021	4	0.7932	0.0000	0.7932	0.7932	0.0000	10
KY_RS	10/15/2021	5	0.7736	0.0000	0.7736	0.7736	0.0000	10
KY_RS	10/15/2021	6	0.7921	0.0000	0.7921	0.7921	0.0000	10
KY_RS	10/15/2021	7	0.8719	0.0000	0.8719	0.8719	0.0000	10
KY_RS	10/15/2021	8	0.9252	0.0000	0.9252	0.9252	0.0000	10
KY_RS	10/15/2021	9	0.9299	0.6739	0.2560	0.2560	0.0000	10
KY_RS	10/15/2021	10	0.9807	2.2722	(1.2915)	0.0000	(1.2915)	10

KY_RS	10/15/2021	11	0.9886	3.5221	(2.5335)	0.0000	(2.5335)	10
KY_RS	10/15/2021	12	1.0018	4.3468	(3.3449)	0.0000	(3.3449)	10
KY_RS	10/15/2021	13	1.0157	4.7962	(3.7806)	0.0000	(3.7806)	10
KY_RS	10/15/2021	14	1.0127	4.9041	(3.8914)	0.0000	(3.8914)	10
KY_RS	10/15/2021	15	1.0334	4.6508	(3.6173)	0.0000	(3.6173)	10
KY_RS	10/15/2021	16	1.0770	4.0901	(3.0131)	0.0000	(3.0131)	10
KY_RS	10/15/2021	17	1.1343	3.1861	(2.0519)	0.0000	(2.0519)	10
KY_RS	10/15/2021	18	1.1902	1.8521	(0.6619)	0.0000	(0.6619)	10
KY_RS	10/15/2021	19	1.2071	0.3165	0.8906	0.8906	0.0000	10
KY_RS	10/15/2021	20	1.2033	0.0000	1.2033	1.2033	0.0000	10
KY_RS	10/15/2021	21	1.1902	0.0000	1.1902	1.1902	0.0000	10
KY_RS	10/15/2021	22	1.1525	0.0000	1.1525	1.1525	0.0000	10
KY_RS	10/15/2021	23	1.0839	0.0000	1.0839	1.0839	0.0000	10
KY_RS	10/15/2021	24	0.9854	0.0000	0.9854	0.9854	0.0000	10
KY_RS	10/16/2021	1	0.8630	0.0000	0.8630	0.8630	0.0000	10
KY_RS	10/16/2021	2	0.7601	0.0000	0.7601	0.7601	0.0000	10
KY_RS	10/16/2021	3	0.6895	0.0000	0.6895	0.6895	0.0000	10
KY_RS	10/16/2021	4	0.6356	0.0000	0.6356	0.6356	0.0000	10
KY_RS	10/16/2021	5	0.6011	0.0000	0.6011	0.6011	0.0000	10
KY_RS	10/16/2021	6	0.5919	0.0000	0.5919	0.5919	0.0000	10
KY_RS	10/16/2021	7	0.6095	0.0000	0.6095	0.6095	0.0000	10
KY_RS	10/16/2021	8	0.6597	0.0000	0.6597	0.6597	0.0000	10
KY_RS	10/16/2021	9	0.7558	0.0874	0.6684	0.6684	0.0000	10
KY_RS	10/16/2021	10	0.8428	0.4119	0.4308	0.4308	0.0000	10
KY_RS	10/16/2021	11	0.9008	1.1824	(0.2816)	0.0000	(0.2816)	10
KY_RS	10/16/2021	12	0.9349	3.9833	(3.0484)	0.0000	(3.0484)	10
KY_RS	10/16/2021	13	0.9431	4.3875	(3.4443)	0.0000	(3.4443)	10
KY_RS	10/16/2021	14	0.9381	4.4535	(3.5154)	0.0000	(3.5154)	10
KY_RS	10/16/2021	15	0.9327	4.2208	(3.2881)	0.0000	(3.2881)	10
KY_RS	10/16/2021	16	0.9288	3.7035	(2.7748)	0.0000	(2.7748)	10
KY_RS	10/16/2021	17	0.9245	2.8128	(1.8883)	0.0000	(1.8883)	10
KY_RS	10/16/2021	18	0.9361	0.7098	0.2263	0.2263	0.0000	10
KY_RS	10/16/2021	19	0.9259	0.0625	0.8633	0.8633	0.0000	10
KY_RS	10/16/2021	20	0.9429	0.0000	0.9429	0.9429	0.0000	10
KY_RS	10/16/2021	21	0.9322	0.0000	0.9322	0.9322	0.0000	10
KY_RS	10/16/2021	22	0.8882	0.0000	0.8882	0.8882	0.0000	10
KY_RS	10/16/2021	23	0.8307	0.0000	0.8307	0.8307	0.0000	10
KY_RS	10/16/2021	24	0.7568	0.0000	0.7568	0.7568	0.0000	10
KY_RS	10/17/2021	1	0.6854	0.0000	0.6854	0.6854	0.0000	10
KY_RS	10/17/2021	2	0.6330	0.0000	0.6330	0.6330	0.0000	10
KY_RS	10/17/2021	3	0.5966	0.0000	0.5966	0.5966	0.0000	10
KY_RS	10/17/2021	4	0.5793	0.0000	0.5793	0.5793	0.0000	10
KY_RS	10/17/2021	5	0.5748	0.0000	0.5748	0.5748	0.0000	10
KY_RS	10/17/2021	6	0.5889	0.0000	0.5889	0.5889	0.0000	10
KY_RS	10/17/2021	7	0.6241	0.0000	0.6241	0.6241	0.0000	10
KY_RS	10/17/2021	8	0.7019	0.0000	0.7019	0.7019	0.0000	10
KY_RS	10/17/2021	9	0.8345	0.6669	0.1676	0.1676	0.0000	10
KY_RS	10/17/2021	10	0.9179	2.2632	(1.3453)	0.0000	(1.3453)	10
KY_RS	10/17/2021	11	0.9509	3.4571	(2.5062)	0.0000	(2.5062)	10
KY_RS	10/17/2021	12	0.9549	4.2057	(3.2509)	0.0000	(3.2509)	10
KY_RS	10/17/2021	13	0.9536	4.6374	(3.6838)	0.0000	(3.6838)	10
KY_RS	10/17/2021	14	0.9404	4.1350	(3.1946)	0.0000	(3.1946)	10
KY_RS	10/17/2021	15	0.9323	3.4428	(2.5105)	0.0000	(2.5105)	10
KY_RS	10/17/2021	16	0.9332	3.3766	(2.4434)	0.0000	(2.4434)	10
KY_RS	10/17/2021	17	0.9746	2.7757	(1.8011)	0.0000	(1.8011)	10
KY_RS	10/17/2021	18	1.0258	0.8317	0.1941	0.1941	0.0000	10
KY_RS	10/17/2021	19	1.0598	0.0751	0.9847	0.9847	0.0000	10
KY_RS	10/17/2021	20	1.1219	0.0000	1.1219	1.1219	0.0000	10
KY_RS	10/17/2021	21	1.1228	0.0000	1.1228	1.1228	0.0000	10
KY_RS	10/17/2021	22	1.0223	0.0000	1.0223	1.0223	0.0000	10
KY_RS	10/17/2021	23	0.8902	0.0000	0.8902	0.8902	0.0000	10
KY_RS	10/17/2021	24	0.7631	0.0000	0.7631	0.7631	0.0000	10
KY_RS	10/18/2021	1	0.6733	0.0000	0.6733	0.6733	0.0000	10
KY_RS	10/18/2021	2	0.6214	0.0000	0.6214	0.6214	0.0000	10
KY_RS	10/18/2021	3	0.5957	0.0000	0.5957	0.5957	0.0000	10
KY_RS	10/18/2021	4	0.5886	0.0000	0.5886	0.5886	0.0000	10
KY_RS	10/18/2021	5	0.6052	0.0000	0.6052	0.6052	0.0000	10
KY_RS	10/18/2021	6	0.6665	0.0000	0.6665	0.6665	0.0000	10
KY_RS	10/18/2021	7	0.7884	0.0000	0.7884	0.7884	0.0000	10
KY_RS	10/18/2021	8	0.8529	0.0000	0.8529	0.8529	0.0000	10
KY_RS	10/18/2021	9	0.8479	0.3197	0.5282	0.5282	0.0000	10
KY_RS	10/18/2021	10	0.8274	1.4288	(0.6015)	0.0000	(0.6015)	10
KY_RS	10/18/2021	11	0.8138	1.0184	(0.2045)	0.0000	(0.2045)	10
KY_RS	10/18/2021	12	0.8025	0.8554	(0.0529)	0.0000	(0.0529)	10
KY_RS	10/18/2021	13	0.7976	1.4221	(0.6245)	0.0000	(0.6245)	10
KY_RS	10/18/2021	14	0.7865	2.6641	(1.8776)	0.0000	(1.8776)	10
KY_RS	10/18/2021	15	0.7837	3.7726	(2.9889)	0.0000	(2.9889)	10
KY_RS	10/18/2021	16	0.8214	0.9106	(0.0891)	0.0000	(0.0891)	10
KY_RS	10/18/2021	17	0.8944	1.2776	(0.3832)	0.0000	(0.3832)	10

KY_RS	10/18/2021	18	0.9930	0.3210	0.6720	0.6720	0.0000	10
KY_RS	10/18/2021	19	1.0449	0.0009	1.0441	1.0441	0.0000	10
KY_RS	10/18/2021	20	1.0997	0.0000	1.0997	1.0997	0.0000	10
KY_RS	10/18/2021	21	1.0841	0.0000	1.0841	1.0841	0.0000	10
KY_RS	10/18/2021	22	0.9921	0.0000	0.9921	0.9921	0.0000	10
KY_RS	10/18/2021	23	0.8707	0.0000	0.8707	0.8707	0.0000	10
KY_RS	10/18/2021	24	0.7450	0.0000	0.7450	0.7450	0.0000	10
KY_RS	10/19/2021	1	0.6557	0.0000	0.6557	0.6557	0.0000	10
KY_RS	10/19/2021	2	0.6055	0.0000	0.6055	0.6055	0.0000	10
KY_RS	10/19/2021	3	0.5816	0.0000	0.5816	0.5816	0.0000	10
KY_RS	10/19/2021	4	0.5763	0.0000	0.5763	0.5763	0.0000	10
KY_RS	10/19/2021	5	0.5956	0.0000	0.5956	0.5956	0.0000	10
KY_RS	10/19/2021	6	0.6548	0.0000	0.6548	0.6548	0.0000	10
KY_RS	10/19/2021	7	0.7736	0.0000	0.7736	0.7736	0.0000	10
KY_RS	10/19/2021	8	0.8323	0.0000	0.8323	0.8323	0.0000	10
KY_RS	10/19/2021	9	0.8167	0.0000	0.8167	0.8167	0.0000	10
KY_RS	10/19/2021	10	0.7918	0.0119	0.7798	0.7798	0.0000	10
KY_RS	10/19/2021	11	0.7707	0.0116	0.7591	0.7591	0.0000	10
KY_RS	10/19/2021	12	0.7630	0.0422	0.7208	0.7208	0.0000	10
KY_RS	10/19/2021	13	0.7512	0.2230	0.5283	0.5283	0.0000	10
KY_RS	10/19/2021	14	0.7628	0.4851	0.2777	0.2777	0.0000	10
KY_RS	10/19/2021	15	0.7777	0.4108	0.3668	0.3668	0.0000	10
KY_RS	10/19/2021	16	0.8230	0.4189	0.4041	0.4041	0.0000	10
KY_RS	10/19/2021	17	0.8911	0.1517	0.7395	0.7395	0.0000	10
KY_RS	10/19/2021	18	0.9749	0.1535	0.8214	0.8214	0.0000	10
KY_RS	10/19/2021	19	1.0270	0.0000	1.0270	1.0270	0.0000	10
KY_RS	10/19/2021	20	1.0861	0.0000	1.0861	1.0861	0.0000	10
KY_RS	10/19/2021	21	1.0772	0.0000	1.0772	1.0772	0.0000	10
KY_RS	10/19/2021	22	0.9921	0.0000	0.9921	0.9921	0.0000	10
KY_RS	10/19/2021	23	0.8694	0.0000	0.8694	0.8694	0.0000	10
KY_RS	10/19/2021	24	0.7414	0.0000	0.7414	0.7414	0.0000	10
KY_RS	10/20/2021	1	0.6488	0.0000	0.6488	0.6488	0.0000	10
KY_RS	10/20/2021	2	0.5981	0.0000	0.5981	0.5981	0.0000	10
KY_RS	10/20/2021	3	0.5722	0.0000	0.5722	0.5722	0.0000	10
KY_RS	10/20/2021	4	0.5656	0.0000	0.5656	0.5656	0.0000	10
KY_RS	10/20/2021	5	0.5817	0.0000	0.5817	0.5817	0.0000	10
KY_RS	10/20/2021	6	0.6402	0.0000	0.6402	0.6402	0.0000	10
KY_RS	10/20/2021	7	0.7600	0.0000	0.7600	0.7600	0.0000	10
KY_RS	10/20/2021	8	0.8172	0.0000	0.8172	0.8172	0.0000	10
KY_RS	10/20/2021	9	0.8039	0.0460	0.7580	0.7580	0.0000	10
KY_RS	10/20/2021	10	0.7786	0.2025	0.5761	0.5761	0.0000	10
KY_RS	10/20/2021	11	0.7641	0.3536	0.4105	0.4105	0.0000	10
KY_RS	10/20/2021	12	0.7551	0.5519	0.2032	0.2032	0.0000	10
KY_RS	10/20/2021	13	0.7500	0.9042	(0.1542)	0.0000	(0.1542)	10
KY_RS	10/20/2021	14	0.7596	0.8602	(0.1006)	0.0000	(0.1006)	10
KY_RS	10/20/2021	15	0.7829	0.9162	(0.1333)	0.0000	(0.1333)	10
KY_RS	10/20/2021	16	0.8329	0.3100	0.5229	0.5229	0.0000	10
KY_RS	10/20/2021	17	0.9154	0.5612	0.3542	0.3542	0.0000	10
KY_RS	10/20/2021	18	1.0032	1.5167	(0.5135)	0.0000	(0.5135)	10
KY_RS	10/20/2021	19	1.0366	0.1071	0.9295	0.9295	0.0000	10
KY_RS	10/20/2021	20	1.0900	0.0000	1.0900	1.0900	0.0000	10
KY_RS	10/20/2021	21	1.0850	0.0000	1.0850	1.0850	0.0000	10
KY_RS	10/20/2021	22	1.0053	0.0000	1.0053	1.0053	0.0000	10
KY_RS	10/20/2021	23	0.8845	0.0000	0.8845	0.8845	0.0000	10
KY_RS	10/20/2021	24	0.7553	0.0000	0.7553	0.7553	0.0000	10
KY_RS	10/21/2021	1	0.6584	0.0000	0.6584	0.6584	0.0000	10
KY_RS	10/21/2021	2	0.5983	0.0000	0.5983	0.5983	0.0000	10
KY_RS	10/21/2021	3	0.5671	0.0000	0.5671	0.5671	0.0000	10
KY_RS	10/21/2021	4	0.5545	0.0000	0.5545	0.5545	0.0000	10
KY_RS	10/21/2021	5	0.5605	0.0000	0.5605	0.5605	0.0000	10
KY_RS	10/21/2021	6	0.6098	0.0000	0.6098	0.6098	0.0000	10
KY_RS	10/21/2021	7	0.7190	0.0000	0.7190	0.7190	0.0000	10
KY_RS	10/21/2021	8	0.7660	0.0000	0.7660	0.7660	0.0000	10
KY_RS	10/21/2021	9	0.7492	0.5044	0.2448	0.2448	0.0000	10
KY_RS	10/21/2021	10	0.7502	2.0393	(1.2891)	0.0000	(1.2891)	10
KY_RS	10/21/2021	11	0.7600	3.2675	(2.5075)	0.0000	(2.5075)	10
KY_RS	10/21/2021	12	0.7702	4.0943	(3.3241)	0.0000	(3.3241)	10
KY_RS	10/21/2021	13	0.7801	4.5402	(3.7601)	0.0000	(3.7601)	10
KY_RS	10/21/2021	14	0.7878	4.6178	(3.8301)	0.0000	(3.8301)	10
KY_RS	10/21/2021	15	0.8082	4.4229	(3.6147)	0.0000	(3.6147)	10
KY_RS	10/21/2021	16	0.8490	3.8714	(3.0223)	0.0000	(3.0223)	10
KY_RS	10/21/2021	17	0.9114	2.9639	(2.0525)	0.0000	(2.0525)	10
KY_RS	10/21/2021	18	0.9758	1.6456	(0.6698)	0.0000	(0.6698)	10
KY_RS	10/21/2021	19	0.9992	0.1435	0.8557	0.8557	0.0000	10
KY_RS	10/21/2021	20	1.0557	0.0000	1.0557	1.0557	0.0000	10
KY_RS	10/21/2021	21	1.0535	0.0000	1.0535	1.0535	0.0000	10
KY_RS	10/21/2021	22	0.9800	0.0000	0.9800	0.9800	0.0000	10
KY_RS	10/21/2021	23	0.8670	0.0000	0.8670	0.8670	0.0000	10
KY_RS	10/21/2021	24	0.7483	0.0000	0.7483	0.7483	0.0000	10

KY_RS	10/22/2021	1	0.6582	0.0000	0.6582	0.6582	0.0000	10
KY_RS	10/22/2021	2	0.6065	0.0000	0.6065	0.6065	0.0000	10
KY_RS	10/22/2021	3	0.5835	0.0000	0.5835	0.5835	0.0000	10
KY_RS	10/22/2021	4	0.5772	0.0000	0.5772	0.5772	0.0000	10
KY_RS	10/22/2021	5	0.5903	0.0000	0.5903	0.5903	0.0000	10
KY_RS	10/22/2021	6	0.6416	0.0000	0.6416	0.6416	0.0000	10
KY_RS	10/22/2021	7	0.7491	0.0000	0.7491	0.7491	0.0000	10
KY_RS	10/22/2021	8	0.8028	0.0000	0.8028	0.8028	0.0000	10
KY_RS	10/22/2021	9	0.8070	0.5305	0.2765	0.2765	0.0000	10
KY_RS	10/22/2021	10	0.8143	2.1180	(1.3037)	0.0000	(1.3037)	10
KY_RS	10/22/2021	11	0.8240	2.3351	(1.5111)	0.0000	(1.5111)	10
KY_RS	10/22/2021	12	0.8330	4.1327	(3.2997)	0.0000	(3.2997)	10
KY_RS	10/22/2021	13	0.8446	4.5496	(3.7050)	0.0000	(3.7050)	10
KY_RS	10/22/2021	14	0.8373	4.6614	(3.8241)	0.0000	(3.8241)	10
KY_RS	10/22/2021	15	0.8380	4.4091	(3.5711)	0.0000	(3.5711)	10
KY_RS	10/22/2021	16	0.8738	3.8612	(2.9875)	0.0000	(2.9875)	10
KY_RS	10/22/2021	17	0.9342	2.4809	(1.5467)	0.0000	(1.5467)	10
KY_RS	10/22/2021	18	0.9897	1.5931	(0.6035)	0.0000	(0.6035)	10
KY_RS	10/22/2021	19	1.0190	0.1225	0.8965	0.8965	0.0000	10
KY_RS	10/22/2021	20	1.0194	0.0000	1.0194	1.0194	0.0000	10
KY_RS	10/22/2021	21	0.9914	0.0000	0.9914	0.9914	0.0000	10
KY_RS	10/22/2021	22	0.9491	0.0000	0.9491	0.9491	0.0000	10
KY_RS	10/22/2021	23	0.8844	0.0000	0.8844	0.8844	0.0000	10
KY_RS	10/22/2021	24	0.8063	0.0000	0.8063	0.8063	0.0000	10
KY_RS	10/23/2021	1	0.7273	0.0000	0.7273	0.7273	0.0000	10
KY_RS	10/23/2021	2	0.6700	0.0000	0.6700	0.6700	0.0000	10
KY_RS	10/23/2021	3	0.6342	0.0000	0.6342	0.6342	0.0000	10
KY_RS	10/23/2021	4	0.6173	0.0000	0.6173	0.6173	0.0000	10
KY_RS	10/23/2021	5	0.6147	0.0000	0.6147	0.6147	0.0000	10
KY_RS	10/23/2021	6	0.6350	0.0000	0.6350	0.6350	0.0000	10
KY_RS	10/23/2021	7	0.6770	0.0000	0.6770	0.6770	0.0000	10
KY_RS	10/23/2021	8	0.7549	0.0000	0.7549	0.7549	0.0000	10
KY_RS	10/23/2021	9	0.8656	0.2154	0.6502	0.6502	0.0000	10
KY_RS	10/23/2021	10	0.9247	1.5611	(0.6364)	0.0000	(0.6364)	10
KY_RS	10/23/2021	11	0.9386	2.1786	(1.2400)	0.0000	(1.2400)	10
KY_RS	10/23/2021	12	0.9336	2.9834	(2.0498)	0.0000	(2.0498)	10
KY_RS	10/23/2021	13	0.9186	3.3286	(2.4100)	0.0000	(2.4100)	10
KY_RS	10/23/2021	14	0.9000	3.3774	(2.4774)	0.0000	(2.4774)	10
KY_RS	10/23/2021	15	0.8861	2.7556	(1.8695)	0.0000	(1.8695)	10
KY_RS	10/23/2021	16	0.8969	1.7561	(0.8592)	0.0000	(0.8592)	10
KY_RS	10/23/2021	17	0.9069	1.0392	(0.1324)	0.0000	(0.1324)	10
KY_RS	10/23/2021	18	0.9265	0.9651	(0.0386)	0.0000	(0.0386)	10
KY_RS	10/23/2021	19	0.9420	0.0297	0.9123	0.9123	0.0000	10
KY_RS	10/23/2021	20	0.9650	0.0000	0.9650	0.9650	0.0000	10
KY_RS	10/23/2021	21	0.9449	0.0000	0.9449	0.9449	0.0000	10
KY_RS	10/23/2021	22	0.9097	0.0000	0.9097	0.9097	0.0000	10
KY_RS	10/23/2021	23	0.8513	0.0000	0.8513	0.8513	0.0000	10
KY_RS	10/23/2021	24	0.7778	0.0000	0.7778	0.7778	0.0000	10
KY_RS	10/24/2021	1	0.7044	0.0000	0.7044	0.7044	0.0000	10
KY_RS	10/24/2021	2	0.6459	0.0000	0.6459	0.6459	0.0000	10
KY_RS	10/24/2021	3	0.6092	0.0000	0.6092	0.6092	0.0000	10
KY_RS	10/24/2021	4	0.5890	0.0000	0.5890	0.5890	0.0000	10
KY_RS	10/24/2021	5	0.5822	0.0000	0.5822	0.5822	0.0000	10
KY_RS	10/24/2021	6	0.5913	0.0000	0.5913	0.5913	0.0000	10
KY_RS	10/24/2021	7	0.6201	0.0000	0.6201	0.6201	0.0000	10
KY_RS	10/24/2021	8	0.6805	0.0000	0.6805	0.6805	0.0000	10
KY_RS	10/24/2021	9	0.7894	0.0000	0.7894	0.7894	0.0000	10
KY_RS	10/24/2021	10	0.8901	1.6152	(0.7251)	0.0000	(0.7251)	10
KY_RS	10/24/2021	11	0.9715	0.2928	0.6787	0.6787	0.0000	10
KY_RS	10/24/2021	12	1.0214	3.8711	(2.8497)	0.0000	(2.8497)	10
KY_RS	10/24/2021	13	1.0543	4.3819	(3.3276)	0.0000	(3.3276)	10
KY_RS	10/24/2021	14	1.0447	4.5604	(3.5156)	0.0000	(3.5156)	10
KY_RS	10/24/2021	15	1.0429	4.3623	(3.3194)	0.0000	(3.3194)	10
KY_RS	10/24/2021	16	1.0118	3.8188	(2.8070)	0.0000	(2.8070)	10
KY_RS	10/24/2021	17	1.0369	2.9034	(1.8666)	0.0000	(1.8666)	10
KY_RS	10/24/2021	18	1.0890	1.5756	(0.4866)	0.0000	(0.4866)	10
KY_RS	10/24/2021	19	1.1279	0.0933	1.0346	1.0346	0.0000	10
KY_RS	10/24/2021	20	1.1993	0.0000	1.1993	1.1993	0.0000	10
KY_RS	10/24/2021	21	1.1729	0.0000	1.1729	1.1729	0.0000	10
KY_RS	10/24/2021	22	1.0799	0.0000	1.0799	1.0799	0.0000	10
KY_RS	10/24/2021	23	0.9492	0.0000	0.9492	0.9492	0.0000	10
KY_RS	10/24/2021	24	0.8058	0.0000	0.8058	0.8058	0.0000	10
KY_RS	10/25/2021	1	0.6940	0.0000	0.6940	0.6940	0.0000	10
KY_RS	10/25/2021	2	0.6241	0.0000	0.6241	0.6241	0.0000	10
KY_RS	10/25/2021	3	0.5840	0.0000	0.5840	0.5840	0.0000	10
KY_RS	10/25/2021	4	0.5654	0.0000	0.5654	0.5654	0.0000	10
KY_RS	10/25/2021	5	0.5670	0.0000	0.5670	0.5670	0.0000	10
KY_RS	10/25/2021	6	0.6109	0.0000	0.6109	0.6109	0.0000	10
KY_RS	10/25/2021	7	0.7172	0.0000	0.7172	0.7172	0.0000	10

KY_RS	10/25/2021	8	0.7715	0.0000	0.7715	0.7715	0.0000	10
KY_RS	10/25/2021	9	0.7554	0.4577	0.2977	0.2977	0.0000	10
KY_RS	10/25/2021	10	0.7627	2.0121	(1.2494)	0.0000	(1.2494)	10
KY_RS	10/25/2021	11	0.7790	3.2482	(2.4693)	0.0000	(2.4693)	10
KY_RS	10/25/2021	12	0.7969	4.0177	(3.2207)	0.0000	(3.2207)	10
KY_RS	10/25/2021	13	0.8102	4.4353	(3.6251)	0.0000	(3.6251)	10
KY_RS	10/25/2021	14	0.8129	4.5623	(3.7494)	0.0000	(3.7494)	10
KY_RS	10/25/2021	15	0.8039	4.3255	(3.5216)	0.0000	(3.5216)	10
KY_RS	10/25/2021	16	0.8339	3.7969	(2.9630)	0.0000	(2.9630)	10
KY_RS	10/25/2021	17	0.9253	2.8983	(1.9730)	0.0000	(1.9730)	10
KY_RS	10/25/2021	18	1.0292	1.0292	0.0421	0.0421	0.0000	10
KY_RS	10/25/2021	19	1.0969	0.0261	1.0708	1.0708	0.0000	10
KY_RS	10/25/2021	20	1.1327	0.0000	1.1327	1.1327	0.0000	10
KY_RS	10/25/2021	21	1.1009	0.0000	1.1009	1.1009	0.0000	10
KY_RS	10/25/2021	22	1.0156	0.0000	1.0156	1.0156	0.0000	10
KY_RS	10/25/2021	23	0.8979	0.0000	0.8979	0.8979	0.0000	10
KY_RS	10/25/2021	24	0.7811	0.0000	0.7811	0.7811	0.0000	10
KY_RS	10/26/2021	1	0.6918	0.0000	0.6918	0.6918	0.0000	10
KY_RS	10/26/2021	2	0.6426	0.0000	0.6426	0.6426	0.0000	10
KY_RS	10/26/2021	3	0.6193	0.0000	0.6193	0.6193	0.0000	10
KY_RS	10/26/2021	4	0.6144	0.0000	0.6144	0.6144	0.0000	10
KY_RS	10/26/2021	5	0.6328	0.0000	0.6328	0.6328	0.0000	10
KY_RS	10/26/2021	6	0.6980	0.0000	0.6980	0.6980	0.0000	10
KY_RS	10/26/2021	7	0.8243	0.0000	0.8243	0.8243	0.0000	10
KY_RS	10/26/2021	8	0.8792	0.0000	0.8792	0.8792	0.0000	10
KY_RS	10/26/2021	9	0.8702	0.0796	0.7906	0.7906	0.0000	10
KY_RS	10/26/2021	10	0.8657	0.5085	0.3573	0.3573	0.0000	10
KY_RS	10/26/2021	11	0.8498	1.0884	(0.2385)	0.0000	(0.2385)	10
KY_RS	10/26/2021	12	0.8275	2.0913	(1.2639)	0.0000	(1.2639)	10
KY_RS	10/26/2021	13	0.8155	2.0298	(1.2143)	0.0000	(1.2143)	10
KY_RS	10/26/2021	14	0.7929	3.1450	(2.3521)	0.0000	(2.3521)	10
KY_RS	10/26/2021	15	0.7786	2.9259	(2.1473)	0.0000	(2.1473)	10
KY_RS	10/26/2021	16	0.8025	1.7530	(0.9505)	0.0000	(0.9505)	10
KY_RS	10/26/2021	17	0.8663	1.6649	(0.7985)	0.0000	(0.7985)	10
KY_RS	10/26/2021	18	0.9583	0.4300	0.5283	0.5283	0.0000	10
KY_RS	10/26/2021	19	1.0325	0.0000	1.0325	1.0325	0.0000	10
KY_RS	10/26/2021	20	1.1219	0.0000	1.1219	1.1219	0.0000	10
KY_RS	10/26/2021	21	1.1279	0.0000	1.1279	1.1279	0.0000	10
KY_RS	10/26/2021	22	1.0656	0.0000	1.0656	1.0656	0.0000	10
KY_RS	10/26/2021	23	0.9614	0.0000	0.9614	0.9614	0.0000	10
KY_RS	10/26/2021	24	0.8565	0.0000	0.8565	0.8565	0.0000	10
KY_RS	10/27/2021	1	0.7825	0.0000	0.7825	0.7825	0.0000	10
KY_RS	10/27/2021	2	0.7476	0.0000	0.7476	0.7476	0.0000	10
KY_RS	10/27/2021	3	0.7365	0.0000	0.7365	0.7365	0.0000	10
KY_RS	10/27/2021	4	0.7423	0.0000	0.7423	0.7423	0.0000	10
KY_RS	10/27/2021	5	0.7726	0.0000	0.7726	0.7726	0.0000	10
KY_RS	10/27/2021	6	0.8547	0.0000	0.8547	0.8547	0.0000	10
KY_RS	10/27/2021	7	1.0005	0.0000	1.0005	1.0005	0.0000	10
KY_RS	10/27/2021	8	1.0762	0.0000	1.0762	1.0762	0.0000	10
KY_RS	10/27/2021	9	1.0630	0.0000	1.0630	1.0630	0.0000	10
KY_RS	10/27/2021	10	1.0119	0.0989	0.9129	0.9129	0.0000	10
KY_RS	10/27/2021	11	0.9464	0.1146	0.8318	0.8318	0.0000	10
KY_RS	10/27/2021	12	0.8931	0.1354	0.7577	0.7577	0.0000	10
KY_RS	10/27/2021	13	0.8611	0.3724	0.4887	0.4887	0.0000	10
KY_RS	10/27/2021	14	0.8249	0.4369	0.3880	0.3880	0.0000	10
KY_RS	10/27/2021	15	0.7989	1.1149	(0.3161)	0.0000	(0.3161)	10
KY_RS	10/27/2021	16	0.8144	1.1939	(0.3795)	0.0000	(0.3795)	10
KY_RS	10/27/2021	17	0.8718	0.7017	0.1701	0.1701	0.0000	10
KY_RS	10/27/2021	18	0.9632	0.4996	0.4636	0.4636	0.0000	10
KY_RS	10/27/2021	19	1.0493	0.0000	1.0493	1.0493	0.0000	10
KY_RS	10/27/2021	20	1.1334	0.0000	1.1334	1.1334	0.0000	10
KY_RS	10/27/2021	21	1.1380	0.0000	1.1380	1.1380	0.0000	10
KY_RS	10/27/2021	22	1.0782	0.0000	1.0782	1.0782	0.0000	10
KY_RS	10/27/2021	23	0.9692	0.0000	0.9692	0.9692	0.0000	10
KY_RS	10/27/2021	24	0.8485	0.0000	0.8485	0.8485	0.0000	10
KY_RS	10/28/2021	1	0.7628	0.0000	0.7628	0.7628	0.0000	10
KY_RS	10/28/2021	2	0.7143	0.0000	0.7143	0.7143	0.0000	10
KY_RS	10/28/2021	3	0.6891	0.0000	0.6891	0.6891	0.0000	10
KY_RS	10/28/2021	4	0.6885	0.0000	0.6885	0.6885	0.0000	10
KY_RS	10/28/2021	5	0.7094	0.0000	0.7094	0.7094	0.0000	10
KY_RS	10/28/2021	6	0.7744	0.0000	0.7744	0.7744	0.0000	10
KY_RS	10/28/2021	7	0.8926	0.0000	0.8926	0.8926	0.0000	10
KY_RS	10/28/2021	8	0.9445	0.0000	0.9445	0.9445	0.0000	10
KY_RS	10/28/2021	9	0.9279	0.0485	0.8793	0.8793	0.0000	10
KY_RS	10/28/2021	10	0.9046	0.3519	0.5528	0.5528	0.0000	10
KY_RS	10/28/2021	11	0.8850	0.5719	0.3131	0.3131	0.0000	10
KY_RS	10/28/2021	12	0.9008	0.6369	0.2639	0.2639	0.0000	10
KY_RS	10/28/2021	13	0.9047	1.0324	(0.1276)	0.0000	(0.1276)	10
KY_RS	10/28/2021	14	0.8986	2.1148	(1.2162)	0.0000	(1.2162)	10

KY_RS	10/28/2021	15	0.9041	3.2185	(2.3144)	0.0000	(2.3144)	10
KY_RS	10/28/2021	16	0.9451	1.8672	(0.9221)	0.0000	(0.9221)	10
KY_RS	10/28/2021	17	1.0132	0.7707	0.2425	0.2425	0.0000	10
KY_RS	10/28/2021	18	1.1024	0.2052	0.8972	0.8972	0.0000	10
KY_RS	10/28/2021	19	1.1486	0.0554	1.0932	1.0932	0.0000	10
KY_RS	10/28/2021	20	1.1643	0.0000	1.1643	1.1643	0.0000	10
KY_RS	10/28/2021	21	1.1392	0.0000	1.1392	1.1392	0.0000	10
KY_RS	10/28/2021	22	1.0555	0.0000	1.0555	1.0555	0.0000	10
KY_RS	10/28/2021	23	0.9434	0.0000	0.9434	0.9434	0.0000	10
KY_RS	10/28/2021	24	0.8231	0.0000	0.8231	0.8231	0.0000	10
KY_RS	10/29/2021	1	0.7302	0.0000	0.7302	0.7302	0.0000	10
KY_RS	10/29/2021	2	0.6716	0.0000	0.6716	0.6716	0.0000	10
KY_RS	10/29/2021	3	0.6381	0.0000	0.6381	0.6381	0.0000	10
KY_RS	10/29/2021	4	0.6250	0.0000	0.6250	0.6250	0.0000	10
KY_RS	10/29/2021	5	0.6349	0.0000	0.6349	0.6349	0.0000	10
KY_RS	10/29/2021	6	0.6883	0.0000	0.6883	0.6883	0.0000	10
KY_RS	10/29/2021	7	0.7962	0.0000	0.7962	0.7962	0.0000	10
KY_RS	10/29/2021	8	0.8427	0.0000	0.8427	0.8427	0.0000	10
KY_RS	10/29/2021	9	0.8392	0.2851	0.5541	0.5541	0.0000	10
KY_RS	10/29/2021	10	0.8425	1.8837	(1.0412)	0.0000	(1.0412)	10
KY_RS	10/29/2021	11	0.8531	3.1913	(2.3382)	0.0000	(2.3382)	10
KY_RS	10/29/2021	12	0.8561	2.9928	(2.1367)	0.0000	(2.1367)	10
KY_RS	10/29/2021	13	0.8656	1.9288	(1.0632)	0.0000	(1.0632)	10
KY_RS	10/29/2021	14	0.8578	4.5696	(3.7118)	0.0000	(3.7118)	10
KY_RS	10/29/2021	15	0.8497	3.6239	(2.7742)	0.0000	(2.7742)	10
KY_RS	10/29/2021	16	0.8790	3.7623	(2.8833)	0.0000	(2.8833)	10
KY_RS	10/29/2021	17	0.9394	2.8292	(1.8898)	0.0000	(1.8898)	10
KY_RS	10/29/2021	18	1.0030	1.4184	(0.4154)	0.0000	(0.4154)	10
KY_RS	10/29/2021	19	1.0286	0.0347	0.9939	0.9939	0.0000	10
KY_RS	10/29/2021	20	1.0296	0.0000	1.0296	1.0296	0.0000	10
KY_RS	10/29/2021	21	0.9981	0.0000	0.9981	0.9981	0.0000	10
KY_RS	10/29/2021	22	0.9468	0.0000	0.9468	0.9468	0.0000	10
KY_RS	10/29/2021	23	0.8847	0.0000	0.8847	0.8847	0.0000	10
KY_RS	10/29/2021	24	0.8053	0.0000	0.8053	0.8053	0.0000	10
KY_RS	10/30/2021	1	0.7277	0.0000	0.7277	0.7277	0.0000	10
KY_RS	10/30/2021	2	0.6711	0.0000	0.6711	0.6711	0.0000	10
KY_RS	10/30/2021	3	0.6333	0.0000	0.6333	0.6333	0.0000	10
KY_RS	10/30/2021	4	0.6139	0.0000	0.6139	0.6139	0.0000	10
KY_RS	10/30/2021	5	0.6102	0.0000	0.6102	0.6102	0.0000	10
KY_RS	10/30/2021	6	0.6270	0.0000	0.6270	0.6270	0.0000	10
KY_RS	10/30/2021	7	0.6638	0.0000	0.6638	0.6638	0.0000	10
KY_RS	10/30/2021	8	0.7318	0.0000	0.7318	0.7318	0.0000	10
KY_RS	10/30/2021	9	0.8387	0.0852	0.7534	0.7534	0.0000	10
KY_RS	10/30/2021	10	0.9301	0.9822	(0.0521)	0.0000	(0.0521)	10
KY_RS	10/30/2021	11	0.9921	2.5689	(1.5768)	0.0000	(1.5768)	10
KY_RS	10/30/2021	12	1.0210	3.8092	(2.7881)	0.0000	(2.7881)	10
KY_RS	10/30/2021	13	1.0289	4.2856	(3.2567)	0.0000	(3.2567)	10
KY_RS	10/30/2021	14	1.0281	4.4461	(3.4180)	0.0000	(3.4180)	10
KY_RS	10/30/2021	15	1.0167	4.2590	(3.2423)	0.0000	(3.2423)	10
KY_RS	10/30/2021	16	1.0198	3.6768	(2.6570)	0.0000	(2.6570)	10
KY_RS	10/30/2021	17	1.0454	2.7325	(1.6871)	0.0000	(1.6871)	10
KY_RS	10/30/2021	18	1.0720	1.3416	(0.2697)	0.0000	(0.2697)	10
KY_RS	10/30/2021	19	1.0768	0.0000	1.0768	1.0768	0.0000	10
KY_RS	10/30/2021	20	1.0629	0.0000	1.0629	1.0629	0.0000	10
KY_RS	10/30/2021	21	1.0287	0.0000	1.0287	1.0287	0.0000	10
KY_RS	10/30/2021	22	0.9848	0.0000	0.9848	0.9848	0.0000	10
KY_RS	10/30/2021	23	0.9178	0.0000	0.9178	0.9178	0.0000	10
KY_RS	10/30/2021	24	0.8445	0.0000	0.8445	0.8445	0.0000	10
KY_RS	10/31/2021	1	0.7676	0.0000	0.7676	0.7676	0.0000	10
KY_RS	10/31/2021	2	0.7130	0.0000	0.7130	0.7130	0.0000	10
KY_RS	10/31/2021	3	0.6784	0.0000	0.6784	0.6784	0.0000	10
KY_RS	10/31/2021	4	0.6583	0.0000	0.6583	0.6583	0.0000	10
KY_RS	10/31/2021	5	0.6527	0.0000	0.6527	0.6527	0.0000	10
KY_RS	10/31/2021	6	0.6684	0.0000	0.6684	0.6684	0.0000	10
KY_RS	10/31/2021	7	0.6995	0.0000	0.6995	0.6995	0.0000	10
KY_RS	10/31/2021	8	0.7634	0.0000	0.7634	0.7634	0.0000	10
KY_RS	10/31/2021	9	0.8753	0.0091	0.8662	0.8662	0.0000	10
KY_RS	10/31/2021	10	0.9689	0.3251	0.6438	0.6438	0.0000	10
KY_RS	10/31/2021	11	1.0180	2.7870	(1.7690)	0.0000	(1.7690)	10
KY_RS	10/31/2021	12	1.0337	3.9085	(2.8748)	0.0000	(2.8748)	10
KY_RS	10/31/2021	13	1.0473	4.4318	(3.3845)	0.0000	(3.3845)	10
KY_RS	10/31/2021	14	1.0378	4.5542	(3.5164)	0.0000	(3.5164)	10
KY_RS	10/31/2021	15	1.0286	2.7913	(1.7627)	0.0000	(1.7627)	10
KY_RS	10/31/2021	16	1.0353	0.1927	0.8425	0.8425	0.0000	10
KY_RS	10/31/2021	17	1.0448	0.4764	0.5683	0.5683	0.0000	10
KY_RS	10/31/2021	18	1.0279	0.6866	0.3414	0.3414	0.0000	10
KY_RS	10/31/2021	19	0.9422	0.0000	0.9422	0.9422	0.0000	10
KY_RS	10/31/2021	20	0.9582	0.0000	0.9582	0.9582	0.0000	10
KY_RS	10/31/2021	21	1.0400	0.0000	1.0400	1.0400	0.0000	10

KY_RS	10/31/2021	22	1.0245	0.0000	1.0245	1.0245	0.0000	10
KY_RS	10/31/2021	23	0.9262	0.0000	0.9262	0.9262	0.0000	10
KY_RS	10/31/2021	24	0.8104	0.0000	0.8104	0.8104	0.0000	10
KY_RS	11/01/2021	1	0.7284	0.0000	0.7284	0.7284	0.0000	11
KY_RS	11/01/2021	2	0.6821	0.0000	0.6821	0.6821	0.0000	11
KY_RS	11/01/2021	3	0.6716	0.0000	0.6716	0.6716	0.0000	11
KY_RS	11/01/2021	4	0.6822	0.0000	0.6822	0.6822	0.0000	11
KY_RS	11/01/2021	5	0.7168	0.0000	0.7168	0.7168	0.0000	11
KY_RS	11/01/2021	6	0.7917	0.0000	0.7917	0.7917	0.0000	11
KY_RS	11/01/2021	7	0.9152	0.0000	0.9152	0.9152	0.0000	11
KY_RS	11/01/2021	8	0.9987	0.0000	0.9987	0.9987	0.0000	11
KY_RS	11/01/2021	9	1.0279	0.0000	1.0279	1.0279	0.0000	11
KY_RS	11/01/2021	10	1.0046	0.0314	0.9732	0.9732	0.0000	11
KY_RS	11/01/2021	11	0.9716	0.5082	0.4634	0.4634	0.0000	11
KY_RS	11/01/2021	12	0.9395	1.9846	(1.0451)	0.0000	(1.0451)	11
KY_RS	11/01/2021	13	0.9139	2.7038	(1.7900)	0.0000	(1.7900)	11
KY_RS	11/01/2021	14	0.8808	1.7963	(0.9154)	0.0000	(0.9154)	11
KY_RS	11/01/2021	15	0.8580	1.8346	(0.9765)	0.0000	(0.9765)	11
KY_RS	11/01/2021	16	0.8693	2.5652	(1.6959)	0.0000	(1.6959)	11
KY_RS	11/01/2021	17	0.9267	1.9264	(0.9997)	0.0000	(0.9997)	11
KY_RS	11/01/2021	18	1.0674	0.7745	0.2930	0.2930	0.0000	11
KY_RS	11/01/2021	19	1.1719	0.0000	1.1719	1.1719	0.0000	11
KY_RS	11/01/2021	20	1.2213	0.0000	1.2213	1.2213	0.0000	11
KY_RS	11/01/2021	21	1.1915	0.0000	1.1915	1.1915	0.0000	11
KY_RS	11/01/2021	22	1.1084	0.0000	1.1084	1.1084	0.0000	11
KY_RS	11/01/2021	23	0.9980	0.0000	0.9980	0.9980	0.0000	11
KY_RS	11/01/2021	24	0.8836	0.0000	0.8836	0.8836	0.0000	11
KY_RS	11/02/2021	1	0.8024	0.0000	0.8024	0.8024	0.0000	11
KY_RS	11/02/2021	2	0.7602	0.0000	0.7602	0.7602	0.0000	11
KY_RS	11/02/2021	3	0.7451	0.0000	0.7451	0.7451	0.0000	11
KY_RS	11/02/2021	4	0.7455	0.0000	0.7455	0.7455	0.0000	11
KY_RS	11/02/2021	5	0.7764	0.0000	0.7764	0.7764	0.0000	11
KY_RS	11/02/2021	6	0.8529	0.0000	0.8529	0.8529	0.0000	11
KY_RS	11/02/2021	7	0.9821	0.0000	0.9821	0.9821	0.0000	11
KY_RS	11/02/2021	8	1.0479	0.0000	1.0479	1.0479	0.0000	11
KY_RS	11/02/2021	9	1.0582	0.1550	0.9032	0.9032	0.0000	11
KY_RS	11/02/2021	10	1.0494	1.5937	(0.5443)	0.0000	(0.5443)	11
KY_RS	11/02/2021	11	1.0364	2.8390	(1.8027)	0.0000	(1.8027)	11
KY_RS	11/02/2021	12	1.0169	3.6253	(2.6085)	0.0000	(2.6085)	11
KY_RS	11/02/2021	13	0.9632	4.0693	(3.1061)	0.0000	(3.1061)	11
KY_RS	11/02/2021	14	0.9271	3.0983	(2.1712)	0.0000	(2.1712)	11
KY_RS	11/02/2021	15	0.9150	3.9266	(3.0116)	0.0000	(3.0116)	11
KY_RS	11/02/2021	16	0.9390	3.3748	(2.4357)	0.0000	(2.4357)	11
KY_RS	11/02/2021	17	1.0038	2.4725	(1.4687)	0.0000	(1.4687)	11
KY_RS	11/02/2021	18	1.1161	1.1691	(0.0530)	0.0000	(0.0530)	11
KY_RS	11/02/2021	19	1.2348	0.0000	1.2348	1.2348	0.0000	11
KY_RS	11/02/2021	20	1.3365	0.0000	1.3365	1.3365	0.0000	11
KY_RS	11/02/2021	21	1.3487	0.0000	1.3487	1.3487	0.0000	11
KY_RS	11/02/2021	22	1.2952	0.0000	1.2952	1.2952	0.0000	11
KY_RS	11/02/2021	23	1.1926	0.0000	1.1926	1.1926	0.0000	11
KY_RS	11/02/2021	24	1.0950	0.0000	1.0950	1.0950	0.0000	11
KY_RS	11/03/2021	1	1.0350	0.0000	1.0350	1.0350	0.0000	11
KY_RS	11/03/2021	2	1.0079	0.0000	1.0079	1.0079	0.0000	11
KY_RS	11/03/2021	3	1.0124	0.0000	1.0124	1.0124	0.0000	11
KY_RS	11/03/2021	4	1.0299	0.0000	1.0299	1.0299	0.0000	11
KY_RS	11/03/2021	5	1.0796	0.0000	1.0796	1.0796	0.0000	11
KY_RS	11/03/2021	6	1.1720	0.0000	1.1720	1.1720	0.0000	11
KY_RS	11/03/2021	7	1.3222	0.0000	1.3222	1.3222	0.0000	11
KY_RS	11/03/2021	8	1.3977	0.0000	1.3977	1.3977	0.0000	11
KY_RS	11/03/2021	9	1.3921	0.1701	1.2219	1.2219	0.0000	11
KY_RS	11/03/2021	10	1.3340	1.6751	(0.3411)	0.0000	(0.3411)	11
KY_RS	11/03/2021	11	1.2155	2.9068	(1.6913)	0.0000	(1.6913)	11
KY_RS	11/03/2021	12	1.1088	3.6704	(2.5616)	0.0000	(2.5616)	11
KY_RS	11/03/2021	13	1.0351	4.1076	(3.0725)	0.0000	(3.0725)	11
KY_RS	11/03/2021	14	0.9783	4.2164	(3.2381)	0.0000	(3.2381)	11
KY_RS	11/03/2021	15	0.9352	4.0363	(3.1011)	0.0000	(3.1011)	11
KY_RS	11/03/2021	16	0.9415	3.4793	(2.5378)	0.0000	(2.5378)	11
KY_RS	11/03/2021	17	0.9993	2.6038	(1.6045)	0.0000	(1.6045)	11
KY_RS	11/03/2021	18	1.1064	1.2845	(0.1782)	0.0000	(0.1782)	11
KY_RS	11/03/2021	19	1.2217	0.0000	1.2217	1.2217	0.0000	11
KY_RS	11/03/2021	20	1.3217	0.0000	1.3217	1.3217	0.0000	11
KY_RS	11/03/2021	21	1.3410	0.0000	1.3410	1.3410	0.0000	11
KY_RS	11/03/2021	22	1.3024	0.0000	1.3024	1.3024	0.0000	11
KY_RS	11/03/2021	23	1.2064	0.0000	1.2064	1.2064	0.0000	11
KY_RS	11/03/2021	24	1.1135	0.0000	1.1135	1.1135	0.0000	11
KY_RS	11/04/2021	1	1.0583	0.0000	1.0583	1.0583	0.0000	11
KY_RS	11/04/2021	2	1.0403	0.0000	1.0403	1.0403	0.0000	11
KY_RS	11/04/2021	3	1.0445	0.0000	1.0445	1.0445	0.0000	11
KY_RS	11/04/2021	4	1.0670	0.0000	1.0670	1.0670	0.0000	11

KY_RS	11/04/2021	5	1.1102	0.0000	1.1102	1.1102	0.0000	11
KY_RS	11/04/2021	6	1.1946	0.0000	1.1946	1.1946	0.0000	11
KY_RS	11/04/2021	7	1.3381	0.0000	1.3381	1.3381	0.0000	11
KY_RS	11/04/2021	8	1.3985	0.0000	1.3985	1.3985	0.0000	11
KY_RS	11/04/2021	9	1.3784	0.1926	1.1859	1.1859	0.0000	11
KY_RS	11/04/2021	10	1.3067	1.7686	(0.4619)	0.0000	(0.4619)	11
KY_RS	11/04/2021	11	1.1753	3.0021	(1.8268)	0.0000	(1.8268)	11
KY_RS	11/04/2021	12	1.0749	3.7902	(2.7153)	0.0000	(2.7153)	11
KY_RS	11/04/2021	13	1.0159	4.1973	(3.1814)	0.0000	(3.1814)	11
KY_RS	11/04/2021	14	0.9692	4.2813	(3.3121)	0.0000	(3.3121)	11
KY_RS	11/04/2021	15	0.9371	4.0369	(3.0998)	0.0000	(3.0998)	11
KY_RS	11/04/2021	16	0.9386	3.4697	(2.5312)	0.0000	(2.5312)	11
KY_RS	11/04/2021	17	0.9926	2.5558	(1.5632)	0.0000	(1.5632)	11
KY_RS	11/04/2021	18	1.0980	1.2294	(0.1314)	0.0000	(0.1314)	11
KY_RS	11/04/2021	19	1.2061	0.0000	1.2061	1.2061	0.0000	11
KY_RS	11/04/2021	20	1.3070	0.0000	1.3070	1.3070	0.0000	11
KY_RS	11/04/2021	21	1.3272	0.0000	1.3272	1.3272	0.0000	11
KY_RS	11/04/2021	22	1.2930	0.0000	1.2930	1.2930	0.0000	11
KY_RS	11/04/2021	23	1.2064	0.0000	1.2064	1.2064	0.0000	11
KY_RS	11/04/2021	24	1.1141	0.0000	1.1141	1.1141	0.0000	11
KY_RS	11/05/2021	1	1.0562	0.0000	1.0562	1.0562	0.0000	11
KY_RS	11/05/2021	2	1.0332	0.0000	1.0332	1.0332	0.0000	11
KY_RS	11/05/2021	3	1.0376	0.0000	1.0376	1.0376	0.0000	11
KY_RS	11/05/2021	4	1.0553	0.0000	1.0553	1.0553	0.0000	11
KY_RS	11/05/2021	5	1.1043	0.0000	1.1043	1.1043	0.0000	11
KY_RS	11/05/2021	6	1.1928	0.0000	1.1928	1.1928	0.0000	11
KY_RS	11/05/2021	7	1.3407	0.0000	1.3407	1.3407	0.0000	11
KY_RS	11/05/2021	8	1.4065	0.0000	1.4065	1.4065	0.0000	11
KY_RS	11/05/2021	9	1.4016	0.0068	1.3948	1.3948	0.0000	11
KY_RS	11/05/2021	10	1.3257	0.6697	0.6559	0.6559	0.0000	11
KY_RS	11/05/2021	11	1.2039	2.1493	(0.9455)	0.0000	(0.9455)	11
KY_RS	11/05/2021	12	1.1054	2.2422	(1.1368)	0.0000	(1.1368)	11
KY_RS	11/05/2021	13	1.0371	1.6370	(0.5999)	0.0000	(0.5999)	11
KY_RS	11/05/2021	14	0.9728	1.0119	(0.0391)	0.0000	(0.0391)	11
KY_RS	11/05/2021	15	0.9313	2.3976	(1.4663)	0.0000	(1.4663)	11
KY_RS	11/05/2021	16	0.9297	1.3256	(0.3959)	0.0000	(0.3959)	11
KY_RS	11/05/2021	17	0.9720	0.5643	0.4077	0.4077	0.0000	11
KY_RS	11/05/2021	18	1.0350	0.2749	0.7602	0.7602	0.0000	11
KY_RS	11/05/2021	19	1.1169	0.0000	1.1169	1.1169	0.0000	11
KY_RS	11/05/2021	20	1.1806	0.0000	1.1806	1.1806	0.0000	11
KY_RS	11/05/2021	21	1.1931	0.0000	1.1931	1.1931	0.0000	11
KY_RS	11/05/2021	22	1.1876	0.0000	1.1876	1.1876	0.0000	11
KY_RS	11/05/2021	23	1.1539	0.0000	1.1539	1.1539	0.0000	11
KY_RS	11/05/2021	24	1.1001	0.0000	1.1001	1.1001	0.0000	11
KY_RS	11/06/2021	1	1.0482	0.0000	1.0482	1.0482	0.0000	11
KY_RS	11/06/2021	2	1.0223	0.0000	1.0223	1.0223	0.0000	11
KY_RS	11/06/2021	3	1.0192	0.0000	1.0192	1.0192	0.0000	11
KY_RS	11/06/2021	4	1.0342	0.0000	1.0342	1.0342	0.0000	11
KY_RS	11/06/2021	5	1.0694	0.0000	1.0694	1.0694	0.0000	11
KY_RS	11/06/2021	6	1.1192	0.0000	1.1192	1.1192	0.0000	11
KY_RS	11/06/2021	7	1.1915	0.0000	1.1915	1.1915	0.0000	11
KY_RS	11/06/2021	8	1.2921	0.0000	1.2921	1.2921	0.0000	11
KY_RS	11/06/2021	9	1.4079	0.0000	1.4079	1.4079	0.0000	11
KY_RS	11/06/2021	10	1.4108	0.0000	1.4108	1.4108	0.0000	11
KY_RS	11/06/2021	11	1.3232	0.2428	1.0804	1.0804	0.0000	11
KY_RS	11/06/2021	12	1.2264	0.1351	1.0913	1.0913	0.0000	11
KY_RS	11/06/2021	13	1.1371	0.2110	0.9261	0.9261	0.0000	11
KY_RS	11/06/2021	14	1.0665	0.3489	0.7176	0.7176	0.0000	11
KY_RS	11/06/2021	15	1.0152	0.3497	0.6655	0.6655	0.0000	11
KY_RS	11/06/2021	16	0.9913	0.2682	0.7231	0.7231	0.0000	11
KY_RS	11/06/2021	17	0.9936	0.2602	0.7334	0.7334	0.0000	11
KY_RS	11/06/2021	18	1.0251	0.1296	0.8955	0.8955	0.0000	11
KY_RS	11/06/2021	19	1.0794	0.0000	1.0794	1.0794	0.0000	11
KY_RS	11/06/2021	20	1.1307	0.0000	1.1307	1.1307	0.0000	11
KY_RS	11/06/2021	21	1.1374	0.0000	1.1374	1.1374	0.0000	11
KY_RS	11/06/2021	22	1.1243	0.0000	1.1243	1.1243	0.0000	11
KY_RS	11/06/2021	23	1.0882	0.0000	1.0882	1.0882	0.0000	11
KY_RS	11/06/2021	24	1.0418	0.0000	1.0418	1.0418	0.0000	11
KY_RS	11/07/2021	1	0.9964	0.0000	0.9964	0.9964	0.0000	11
KY_RS	11/07/2021	2	0.9645	0.0000	0.9645	0.9645	0.0000	11
KY_RS	11/07/2021	3	0.9702	0.0000	0.9702	0.9702	0.0000	11
KY_RS	11/07/2021	4	0.9904	0.0000	0.9904	0.9904	0.0000	11
KY_RS	11/07/2021	5	1.0238	0.0000	1.0238	1.0238	0.0000	11
KY_RS	11/07/2021	6	1.0781	0.0000	1.0781	1.0781	0.0000	11
KY_RS	11/07/2021	7	1.1603	0.0000	1.1603	1.1603	0.0000	11
KY_RS	11/07/2021	8	1.2949	0.1632	1.1317	1.1317	0.0000	11
KY_RS	11/07/2021	9	1.3526	1.8146	(0.4621)	0.0000	(0.4621)	11
KY_RS	11/07/2021	10	1.2921	2.5945	(1.3023)	0.0000	(1.3023)	11
KY_RS	11/07/2021	11	1.2115	4.0225	(2.8110)	0.0000	(2.8110)	11

KY_RS	11/07/2021	12	1.1405	3.8277	(2.6872)	0.0000	(2.6872)	11
KY_RS	11/07/2021	13	1.0885	3.7332	(2.6447)	0.0000	(2.6447)	11
KY_RS	11/07/2021	14	1.0376	2.9961	(1.9586)	0.0000	(1.9586)	11
KY_RS	11/07/2021	15	1.0102	1.0903	(0.0802)	0.0000	(0.0802)	11
KY_RS	11/07/2021	16	1.0047	0.9697	0.0350	0.0350	0.0000	11
KY_RS	11/07/2021	17	1.0603	0.3751	0.6852	0.6852	0.0000	11
KY_RS	11/07/2021	18	1.1696	0.0000	1.1696	1.1696	0.0000	11
KY_RS	11/07/2021	19	1.2490	0.0000	1.2490	1.2490	0.0000	11
KY_RS	11/07/2021	20	1.2434	0.0000	1.2434	1.2434	0.0000	11
KY_RS	11/07/2021	21	1.1999	0.0000	1.1999	1.1999	0.0000	11
KY_RS	11/07/2021	22	1.1102	0.0000	1.1102	1.1102	0.0000	11
KY_RS	11/07/2021	23	1.0049	0.0000	1.0049	1.0049	0.0000	11
KY_RS	11/07/2021	24	0.9058	0.0000	0.9058	0.9058	0.0000	11
KY_RS	11/08/2021	1	0.8514	0.0000	0.8514	0.8514	0.0000	11
KY_RS	11/08/2021	2	0.8295	0.0000	0.8295	0.8295	0.0000	11
KY_RS	11/08/2021	3	0.8302	0.0000	0.8302	0.8302	0.0000	11
KY_RS	11/08/2021	4	0.8507	0.0000	0.8507	0.8507	0.0000	11
KY_RS	11/08/2021	5	0.8932	0.0000	0.8932	0.8932	0.0000	11
KY_RS	11/08/2021	6	0.9912	0.0000	0.9912	0.9912	0.0000	11
KY_RS	11/08/2021	7	1.1426	0.0000	1.1426	1.1426	0.0000	11
KY_RS	11/08/2021	8	1.1973	0.1091	1.0881	1.0881	0.0000	11
KY_RS	11/08/2021	9	1.1085	1.7259	(0.6174)	0.0000	(0.6174)	11
KY_RS	11/08/2021	10	1.0183	3.1043	(2.0860)	0.0000	(2.0860)	11
KY_RS	11/08/2021	11	0.9451	2.6297	(1.6846)	0.0000	(1.6846)	11
KY_RS	11/08/2021	12	0.8887	3.1704	(2.2817)	0.0000	(2.2817)	11
KY_RS	11/08/2021	13	0.8541	4.5308	(3.6767)	0.0000	(3.6767)	11
KY_RS	11/08/2021	14	0.8154	4.2975	(3.4820)	0.0000	(3.4820)	11
KY_RS	11/08/2021	15	0.7953	3.6977	(2.9024)	0.0000	(2.9024)	11
KY_RS	11/08/2021	16	0.8225	2.6879	(1.8654)	0.0000	(1.8654)	11
KY_RS	11/08/2021	17	0.8953	0.2595	0.6358	0.6358	0.0000	11
KY_RS	11/08/2021	18	1.0441	0.0000	1.0441	1.0441	0.0000	11
KY_RS	11/08/2021	19	1.1568	0.0000	1.1568	1.1568	0.0000	11
KY_RS	11/08/2021	20	1.1454	0.0000	1.1454	1.1454	0.0000	11
KY_RS	11/08/2021	21	1.1023	0.0000	1.1023	1.1023	0.0000	11
KY_RS	11/08/2021	22	1.0133	0.0000	1.0133	1.0133	0.0000	11
KY_RS	11/08/2021	23	0.8960	0.0000	0.8960	0.8960	0.0000	11
KY_RS	11/08/2021	24	0.7923	0.0000	0.7923	0.7923	0.0000	11
KY_RS	11/09/2021	1	0.7264	0.0000	0.7264	0.7264	0.0000	11
KY_RS	11/09/2021	2	0.6954	0.0000	0.6954	0.6954	0.0000	11
KY_RS	11/09/2021	3	0.6861	0.0000	0.6861	0.6861	0.0000	11
KY_RS	11/09/2021	4	0.6984	0.0000	0.6984	0.6984	0.0000	11
KY_RS	11/09/2021	5	0.7410	0.0000	0.7410	0.7410	0.0000	11
KY_RS	11/09/2021	6	0.8340	0.0000	0.8340	0.8340	0.0000	11
KY_RS	11/09/2021	7	0.9880	0.0000	0.9880	0.9880	0.0000	11
KY_RS	11/09/2021	8	1.0534	0.1325	0.9209	0.9209	0.0000	11
KY_RS	11/09/2021	9	0.9779	1.8496	(0.8717)	0.0000	(0.8717)	11
KY_RS	11/09/2021	10	0.8941	3.2711	(2.3770)	0.0000	(2.3770)	11
KY_RS	11/09/2021	11	0.8478	4.1250	(3.2772)	0.0000	(3.2772)	11
KY_RS	11/09/2021	12	0.8160	4.5846	(3.7687)	0.0000	(3.7687)	11
KY_RS	11/09/2021	13	0.7939	4.6667	(3.8728)	0.0000	(3.8728)	11
KY_RS	11/09/2021	14	0.7741	4.4317	(3.6576)	0.0000	(3.6576)	11
KY_RS	11/09/2021	15	0.7601	3.8524	(3.0923)	0.0000	(3.0923)	11
KY_RS	11/09/2021	16	0.8001	2.8567	(2.0566)	0.0000	(2.0566)	11
KY_RS	11/09/2021	17	0.8945	1.3384	(0.4438)	0.0000	(0.4438)	11
KY_RS	11/09/2021	18	1.0452	0.0000	1.0452	1.0452	0.0000	11
KY_RS	11/09/2021	19	1.1295	0.0000	1.1295	1.1295	0.0000	11
KY_RS	11/09/2021	20	1.1228	0.0000	1.1228	1.1228	0.0000	11
KY_RS	11/09/2021	21	1.0802	0.0000	1.0802	1.0802	0.0000	11
KY_RS	11/09/2021	22	0.9971	0.0000	0.9971	0.9971	0.0000	11
KY_RS	11/09/2021	23	0.8801	0.0000	0.8801	0.8801	0.0000	11
KY_RS	11/09/2021	24	0.7703	0.0000	0.7703	0.7703	0.0000	11
KY_RS	11/10/2021	1	0.6887	0.0000	0.6887	0.6887	0.0000	11
KY_RS	11/10/2021	2	0.6463	0.0000	0.6463	0.6463	0.0000	11
KY_RS	11/10/2021	3	0.6273	0.0000	0.6273	0.6273	0.0000	11
KY_RS	11/10/2021	4	0.6241	0.0000	0.6241	0.6241	0.0000	11
KY_RS	11/10/2021	5	0.6539	0.0000	0.6539	0.6539	0.0000	11
KY_RS	11/10/2021	6	0.7373	0.0000	0.7373	0.7373	0.0000	11
KY_RS	11/10/2021	7	0.8795	0.0000	0.8795	0.8795	0.0000	11
KY_RS	11/10/2021	8	0.9409	0.0000	0.9409	0.9409	0.0000	11
KY_RS	11/10/2021	9	0.8957	0.2655	0.6302	0.6302	0.0000	11
KY_RS	11/10/2021	10	0.8523	2.1222	(1.2699)	0.0000	(1.2699)	11
KY_RS	11/10/2021	11	0.8153	2.4817	(1.6664)	0.0000	(1.6664)	11
KY_RS	11/10/2021	12	0.7844	4.1804	(3.3960)	0.0000	(3.3960)	11
KY_RS	11/10/2021	13	0.7660	3.0926	(2.3266)	0.0000	(2.3266)	11
KY_RS	11/10/2021	14	0.7480	4.0469	(3.2989)	0.0000	(3.2989)	11
KY_RS	11/10/2021	15	0.7441	0.8715	(0.1275)	0.0000	(0.1275)	11
KY_RS	11/10/2021	16	0.7740	0.1173	0.6567	0.6567	0.0000	11
KY_RS	11/10/2021	17	0.8480	0.1484	0.6995	0.6995	0.0000	11
KY_RS	11/10/2021	18	0.9853	0.0000	0.9853	0.9853	0.0000	11

KY_RS	11/10/2021	19	1.0830	0.0000	1.0830	1.0830	0.0000	11
KY_RS	11/10/2021	20	1.0822	0.0000	1.0822	1.0822	0.0000	11
KY_RS	11/10/2021	21	1.0426	0.0000	1.0426	1.0426	0.0000	11
KY_RS	11/10/2021	22	0.9740	0.0000	0.9740	0.9740	0.0000	11
KY_RS	11/10/2021	23	0.8649	0.0000	0.8649	0.8649	0.0000	11
KY_RS	11/10/2021	24	0.7579	0.0000	0.7579	0.7579	0.0000	11
KY_RS	11/11/2021	1	0.6860	0.0000	0.6860	0.6860	0.0000	11
KY_RS	11/11/2021	2	0.6472	0.0000	0.6472	0.6472	0.0000	11
KY_RS	11/11/2021	3	0.6331	0.0000	0.6331	0.6331	0.0000	11
KY_RS	11/11/2021	4	0.6364	0.0000	0.6364	0.6364	0.0000	11
KY_RS	11/11/2021	5	0.6609	0.0000	0.6609	0.6609	0.0000	11
KY_RS	11/11/2021	6	0.7297	0.0000	0.7297	0.7297	0.0000	11
KY_RS	11/11/2021	7	0.8620	0.0000	0.8620	0.8620	0.0000	11
KY_RS	11/11/2021	8	0.9247	0.0138	0.9109	0.9109	0.0000	11
KY_RS	11/11/2021	9	0.8860	0.1882	0.6978	0.6978	0.0000	11
KY_RS	11/11/2021	10	0.8430	0.4340	0.4091	0.4091	0.0000	11
KY_RS	11/11/2021	11	0.8256	0.2480	0.5776	0.5776	0.0000	11
KY_RS	11/11/2021	12	0.8030	0.1479	0.6551	0.6551	0.0000	11
KY_RS	11/11/2021	13	0.7935	0.3146	0.4789	0.4789	0.0000	11
KY_RS	11/11/2021	14	0.8203	0.2434	0.5769	0.5769	0.0000	11
KY_RS	11/11/2021	15	0.8359	0.2014	0.6344	0.6344	0.0000	11
KY_RS	11/11/2021	16	0.8997	0.1059	0.7937	0.7937	0.0000	11
KY_RS	11/11/2021	17	0.9928	0.2112	0.7816	0.7816	0.0000	11
KY_RS	11/11/2021	18	1.1155	0.0000	1.1155	1.1155	0.0000	11
KY_RS	11/11/2021	19	1.1549	0.0000	1.1549	1.1549	0.0000	11
KY_RS	11/11/2021	20	1.1468	0.0000	1.1468	1.1468	0.0000	11
KY_RS	11/11/2021	21	1.1193	0.0000	1.1193	1.1193	0.0000	11
KY_RS	11/11/2021	22	1.0578	0.0000	1.0578	1.0578	0.0000	11
KY_RS	11/11/2021	23	0.9561	0.0000	0.9561	0.9561	0.0000	11
KY_RS	11/11/2021	24	0.8590	0.0000	0.8590	0.8590	0.0000	11
KY_RS	11/12/2021	1	0.7987	0.0000	0.7987	0.7987	0.0000	11
KY_RS	11/12/2021	2	0.7688	0.0000	0.7688	0.7688	0.0000	11
KY_RS	11/12/2021	3	0.7631	0.0000	0.7631	0.7631	0.0000	11
KY_RS	11/12/2021	4	0.7720	0.0000	0.7720	0.7720	0.0000	11
KY_RS	11/12/2021	5	0.8095	0.0000	0.8095	0.8095	0.0000	11
KY_RS	11/12/2021	6	0.8967	0.0000	0.8967	0.8967	0.0000	11
KY_RS	11/12/2021	7	1.0420	0.0000	1.0420	1.0420	0.0000	11
KY_RS	11/12/2021	8	1.1083	0.0000	1.1083	1.1083	0.0000	11
KY_RS	11/12/2021	9	1.0655	0.4591	0.6064	0.6064	0.0000	11
KY_RS	11/12/2021	10	1.0012	0.8554	0.1458	0.1458	0.0000	11
KY_RS	11/12/2021	11	0.9469	1.6969	(0.7500)	0.0000	(0.7500)	11
KY_RS	11/12/2021	12	0.9212	1.9818	(1.0606)	0.0000	(1.0606)	11
KY_RS	11/12/2021	13	0.9435	3.2797	(2.3362)	0.0000	(2.3362)	11
KY_RS	11/12/2021	14	0.9648	3.0659	(2.1010)	0.0000	(2.1010)	11
KY_RS	11/12/2021	15	0.9981	2.4160	(1.4179)	0.0000	(1.4179)	11
KY_RS	11/12/2021	16	1.0748	0.6808	0.3940	0.3940	0.0000	11
KY_RS	11/12/2021	17	1.1988	0.2379	0.9609	0.9609	0.0000	11
KY_RS	11/12/2021	18	1.2799	0.0000	1.2799	1.2799	0.0000	11
KY_RS	11/12/2021	19	1.2913	0.0000	1.2913	1.2913	0.0000	11
KY_RS	11/12/2021	20	1.2550	0.0000	1.2550	1.2550	0.0000	11
KY_RS	11/12/2021	21	1.2280	0.0000	1.2280	1.2280	0.0000	11
KY_RS	11/12/2021	22	1.1969	0.0000	1.1969	1.1969	0.0000	11
KY_RS	11/12/2021	23	1.1471	0.0000	1.1471	1.1471	0.0000	11
KY_RS	11/12/2021	24	1.0799	0.0000	1.0799	1.0799	0.0000	11
KY_RS	11/13/2021	1	1.0154	0.0000	1.0154	1.0154	0.0000	11
KY_RS	11/13/2021	2	0.9824	0.0000	0.9824	0.9824	0.0000	11
KY_RS	11/13/2021	3	0.9762	0.0000	0.9762	0.9762	0.0000	11
KY_RS	11/13/2021	4	0.9818	0.0000	0.9818	0.9818	0.0000	11
KY_RS	11/13/2021	5	1.0087	0.0000	1.0087	1.0087	0.0000	11
KY_RS	11/13/2021	6	1.0550	0.0000	1.0550	1.0550	0.0000	11
KY_RS	11/13/2021	7	1.1159	0.0000	1.1159	1.1159	0.0000	11
KY_RS	11/13/2021	8	1.2211	0.1016	1.1194	1.1194	0.0000	11
KY_RS	11/13/2021	9	1.3099	1.7818	(0.4719)	0.0000	(0.4719)	11
KY_RS	11/13/2021	10	1.3346	3.2383	(1.9037)	0.0000	(1.9037)	11
KY_RS	11/13/2021	11	1.3346	4.1375	(2.8029)	0.0000	(2.8029)	11
KY_RS	11/13/2021	12	1.3451	4.6622	(3.3171)	0.0000	(3.3171)	11
KY_RS	11/13/2021	13	1.3449	4.7895	(3.4446)	0.0000	(3.4446)	11
KY_RS	11/13/2021	14	1.3379	4.5451	(3.2072)	0.0000	(3.2072)	11
KY_RS	11/13/2021	15	1.3422	3.9325	(2.5903)	0.0000	(2.5903)	11
KY_RS	11/13/2021	16	1.3494	2.8710	(1.5216)	0.0000	(1.5216)	11
KY_RS	11/13/2021	17	1.4002	1.2974	0.1028	0.1028	0.0000	11
KY_RS	11/13/2021	18	1.4591	0.0000	1.4591	1.4591	0.0000	11
KY_RS	11/13/2021	19	1.4695	0.0000	1.4695	1.4695	0.0000	11
KY_RS	11/13/2021	20	1.4302	0.0000	1.4302	1.4302	0.0000	11
KY_RS	11/13/2021	21	1.3954	0.0000	1.3954	1.3954	0.0000	11
KY_RS	11/13/2021	22	1.3454	0.0000	1.3454	1.3454	0.0000	11
KY_RS	11/13/2021	23	1.2689	0.0000	1.2689	1.2689	0.0000	11
KY_RS	11/13/2021	24	1.1865	0.0000	1.1865	1.1865	0.0000	11
KY_RS	11/14/2021	1	1.1125	0.0000	1.1125	1.1125	0.0000	11

KY_RS	11/14/2021	2	1.0637	0.0000	1.0637	1.0637	0.0000	11
KY_RS	11/14/2021	3	1.0358	0.0000	1.0358	1.0358	0.0000	11
KY_RS	11/14/2021	4	1.0339	0.0000	1.0339	1.0339	0.0000	11
KY_RS	11/14/2021	5	1.0479	0.0000	1.0479	1.0479	0.0000	11
KY_RS	11/14/2021	6	1.0907	0.0000	1.0907	1.0907	0.0000	11
KY_RS	11/14/2021	7	1.1498	0.0000	1.1498	1.1498	0.0000	11
KY_RS	11/14/2021	8	1.2443	0.0000	1.2443	1.2443	0.0000	11
KY_RS	11/14/2021	9	1.3594	0.9543	0.4051	0.4051	0.0000	11
KY_RS	11/14/2021	10	1.4322	1.7967	(0.3645)	0.0000	(0.3645)	11
KY_RS	11/14/2021	11	1.4960	2.8236	(1.3277)	0.0000	(1.3277)	11
KY_RS	11/14/2021	12	1.5314	3.4288	(1.8974)	0.0000	(1.8974)	11
KY_RS	11/14/2021	13	1.5506	3.2973	(1.7467)	0.0000	(1.7467)	11
KY_RS	11/14/2021	14	1.5368	2.8017	(1.2649)	0.0000	(1.2649)	11
KY_RS	11/14/2021	15	1.5263	1.9128	(0.3864)	0.0000	(0.3864)	11
KY_RS	11/14/2021	16	1.5161	0.6457	0.8703	0.8703	0.0000	11
KY_RS	11/14/2021	17	1.5785	0.7728	0.8057	0.8057	0.0000	11
KY_RS	11/14/2021	18	1.6980	0.0000	1.6980	1.6980	0.0000	11
KY_RS	11/14/2021	19	1.7196	0.0000	1.7196	1.7196	0.0000	11
KY_RS	11/14/2021	20	1.7066	0.0000	1.7066	1.7066	0.0000	11
KY_RS	11/14/2021	21	1.6492	0.0000	1.6492	1.6492	0.0000	11
KY_RS	11/14/2021	22	1.5447	0.0000	1.5447	1.5447	0.0000	11
KY_RS	11/14/2021	23	1.4150	0.0000	1.4150	1.4150	0.0000	11
KY_RS	11/14/2021	24	1.2850	0.0000	1.2850	1.2850	0.0000	11
KY_RS	11/15/2021	1	1.2083	0.0000	1.2083	1.2083	0.0000	11
KY_RS	11/15/2021	2	1.1617	0.0000	1.1617	1.1617	0.0000	11
KY_RS	11/15/2021	3	1.1403	0.0000	1.1403	1.1403	0.0000	11
KY_RS	11/15/2021	4	1.1367	0.0000	1.1367	1.1367	0.0000	11
KY_RS	11/15/2021	5	1.1637	0.0000	1.1637	1.1637	0.0000	11
KY_RS	11/15/2021	6	1.2498	0.0000	1.2498	1.2498	0.0000	11
KY_RS	11/15/2021	7	1.4052	0.0000	1.4052	1.4052	0.0000	11
KY_RS	11/15/2021	8	1.4752	0.0000	1.4752	1.4752	0.0000	11
KY_RS	11/15/2021	9	1.3934	0.2457	1.1476	1.1476	0.0000	11
KY_RS	11/15/2021	10	1.2905	0.2777	1.0127	1.0127	0.0000	11
KY_RS	11/15/2021	11	1.2099	2.0522	(0.8423)	0.0000	(0.8423)	11
KY_RS	11/15/2021	12	1.1841	0.5429	0.6411	0.6411	0.0000	11
KY_RS	11/15/2021	13	1.1506	0.5715	0.5791	0.5791	0.0000	11
KY_RS	11/15/2021	14	1.1439	0.4998	0.6442	0.6442	0.0000	11
KY_RS	11/15/2021	15	1.1310	3.2024	(2.0714)	0.0000	(2.0714)	11
KY_RS	11/15/2021	16	1.1916	0.1610	1.0306	1.0306	0.0000	11
KY_RS	11/15/2021	17	1.3235	0.7713	0.5522	0.5522	0.0000	11
KY_RS	11/15/2021	18	1.4998	0.0000	1.4998	1.4998	0.0000	11
KY_RS	11/15/2021	19	1.5729	0.0000	1.5729	1.5729	0.0000	11
KY_RS	11/15/2021	20	1.5614	0.0000	1.5614	1.5614	0.0000	11
KY_RS	11/15/2021	21	1.5136	0.0000	1.5136	1.5136	0.0000	11
KY_RS	11/15/2021	22	1.4174	0.0000	1.4174	1.4174	0.0000	11
KY_RS	11/15/2021	23	1.2804	0.0000	1.2804	1.2804	0.0000	11
KY_RS	11/15/2021	24	1.1560	0.0000	1.1560	1.1560	0.0000	11
KY_RS	11/16/2021	1	1.0758	0.0000	1.0758	1.0758	0.0000	11
KY_RS	11/16/2021	2	1.0497	0.0000	1.0497	1.0497	0.0000	11
KY_RS	11/16/2021	3	1.0562	0.0000	1.0562	1.0562	0.0000	11
KY_RS	11/16/2021	4	1.0832	0.0000	1.0832	1.0832	0.0000	11
KY_RS	11/16/2021	5	1.1274	0.0000	1.1274	1.1274	0.0000	11
KY_RS	11/16/2021	6	1.2164	0.0000	1.2164	1.2164	0.0000	11
KY_RS	11/16/2021	7	1.3608	0.0000	1.3608	1.3608	0.0000	11
KY_RS	11/16/2021	8	1.4028	0.0000	1.4028	1.4028	0.0000	11
KY_RS	11/16/2021	9	1.3124	0.3003	1.0122	1.0122	0.0000	11
KY_RS	11/16/2021	10	1.1912	0.2320	0.9591	0.9591	0.0000	11
KY_RS	11/16/2021	11	1.0833	0.8871	0.1962	0.1962	0.0000	11
KY_RS	11/16/2021	12	0.9973	0.3972	0.6001	0.6001	0.0000	11
KY_RS	11/16/2021	13	0.9400	0.2794	0.6606	0.6606	0.0000	11
KY_RS	11/16/2021	14	0.8876	0.3007	0.5868	0.5868	0.0000	11
KY_RS	11/16/2021	15	0.8661	2.0225	(1.1563)	0.0000	(1.1563)	11
KY_RS	11/16/2021	16	0.8922	0.5287	0.3635	0.3635	0.0000	11
KY_RS	11/16/2021	17	0.9664	0.0000	0.9664	0.9664	0.0000	11
KY_RS	11/16/2021	18	1.1421	0.0000	1.1421	1.1421	0.0000	11
KY_RS	11/16/2021	19	1.2503	0.0000	1.2503	1.2503	0.0000	11
KY_RS	11/16/2021	20	1.2636	0.0000	1.2636	1.2636	0.0000	11
KY_RS	11/16/2021	21	1.2350	0.0000	1.2350	1.2350	0.0000	11
KY_RS	11/16/2021	22	1.1594	0.0000	1.1594	1.1594	0.0000	11
KY_RS	11/16/2021	23	1.0271	0.0000	1.0271	1.0271	0.0000	11
KY_RS	11/16/2021	24	0.8960	0.0000	0.8960	0.8960	0.0000	11
KY_RS	11/17/2021	1	0.8011	0.0000	0.8011	0.8011	0.0000	11
KY_RS	11/17/2021	2	0.7488	0.0000	0.7488	0.7488	0.0000	11
KY_RS	11/17/2021	3	0.7111	0.0000	0.7111	0.7111	0.0000	11
KY_RS	11/17/2021	4	0.6946	0.0000	0.6946	0.6946	0.0000	11
KY_RS	11/17/2021	5	0.7009	0.0000	0.7009	0.7009	0.0000	11
KY_RS	11/17/2021	6	0.7568	0.0000	0.7568	0.7568	0.0000	11
KY_RS	11/17/2021	7	0.8732	0.0000	0.8732	0.8732	0.0000	11
KY_RS	11/17/2021	8	0.9150	0.0000	0.9150	0.9150	0.0000	11

KY_RS	11/17/2021	9	0.8625	0.2703	0.5922	0.5922	0.0000	11
KY_RS	11/17/2021	10	0.8315	0.9158	(0.0844)	0.0000	(0.0844)	11
KY_RS	11/17/2021	11	0.8062	1.4789	(0.6728)	0.0000	(0.6728)	11
KY_RS	11/17/2021	12	0.7913	4.0942	(3.3028)	0.0000	(3.3028)	11
KY_RS	11/17/2021	13	0.8029	2.7092	(1.9063)	0.0000	(1.9063)	11
KY_RS	11/17/2021	14	0.7765	3.9929	(3.2164)	0.0000	(3.2164)	11
KY_RS	11/17/2021	15	0.7609	2.5226	(1.7617)	0.0000	(1.7617)	11
KY_RS	11/17/2021	16	0.7879	2.4273	(1.6394)	0.0000	(1.6394)	11
KY_RS	11/17/2021	17	0.8740	0.9882	(0.1142)	0.0000	(0.1142)	11
KY_RS	11/17/2021	18	1.0093	0.0000	1.0093	1.0093	0.0000	11
KY_RS	11/17/2021	19	1.1042	0.0000	1.1042	1.1042	0.0000	11
KY_RS	11/17/2021	20	1.1035	0.0000	1.1035	1.1035	0.0000	11
KY_RS	11/17/2021	21	1.0735	0.0000	1.0735	1.0735	0.0000	11
KY_RS	11/17/2021	22	0.9985	0.0000	0.9985	0.9985	0.0000	11
KY_RS	11/17/2021	23	0.8802	0.0000	0.8802	0.8802	0.0000	11
KY_RS	11/17/2021	24	0.7560	0.0000	0.7560	0.7560	0.0000	11
KY_RS	11/18/2021	1	0.6673	0.0000	0.6673	0.6673	0.0000	11
KY_RS	11/18/2021	2	0.6138	0.0000	0.6138	0.6138	0.0000	11
KY_RS	11/18/2021	3	0.5972	0.0000	0.5972	0.5972	0.0000	11
KY_RS	11/18/2021	4	0.6122	0.0000	0.6122	0.6122	0.0000	11
KY_RS	11/18/2021	5	0.6552	0.0000	0.6552	0.6552	0.0000	11
KY_RS	11/18/2021	6	0.7502	0.0000	0.7502	0.7502	0.0000	11
KY_RS	11/18/2021	7	0.9025	0.0000	0.9025	0.9025	0.0000	11
KY_RS	11/18/2021	8	0.9907	0.0000	0.9907	0.9907	0.0000	11
KY_RS	11/18/2021	9	1.0063	0.0416	0.9647	0.9647	0.0000	11
KY_RS	11/18/2021	10	1.0238	0.2930	0.7309	0.7309	0.0000	11
KY_RS	11/18/2021	11	1.0032	0.3709	0.6323	0.6323	0.0000	11
KY_RS	11/18/2021	12	0.9791	0.8160	0.1631	0.1631	0.0000	11
KY_RS	11/18/2021	13	0.9889	0.8800	0.1089	0.1089	0.0000	11
KY_RS	11/18/2021	14	0.9599	0.6705	0.2894	0.2894	0.0000	11
KY_RS	11/18/2021	15	0.9306	0.8770	0.0536	0.0536	0.0000	11
KY_RS	11/18/2021	16	0.9721	0.3574	0.6147	0.6147	0.0000	11
KY_RS	11/18/2021	17	1.0880	0.0000	1.0880	1.0880	0.0000	11
KY_RS	11/18/2021	18	1.2841	0.0000	1.2841	1.2841	0.0000	11
KY_RS	11/18/2021	19	1.4039	0.0000	1.4039	1.4039	0.0000	11
KY_RS	11/18/2021	20	1.4302	0.0000	1.4302	1.4302	0.0000	11
KY_RS	11/18/2021	21	1.4281	0.0000	1.4281	1.4281	0.0000	11
KY_RS	11/18/2021	22	1.3737	0.0000	1.3737	1.3737	0.0000	11
KY_RS	11/18/2021	23	1.2761	0.0000	1.2761	1.2761	0.0000	11
KY_RS	11/18/2021	24	1.1852	0.0000	1.1852	1.1852	0.0000	11
KY_RS	11/19/2021	1	1.1266	0.0000	1.1266	1.1266	0.0000	11
KY_RS	11/19/2021	2	1.1096	0.0000	1.1096	1.1096	0.0000	11
KY_RS	11/19/2021	3	1.0993	0.0000	1.0993	1.0993	0.0000	11
KY_RS	11/19/2021	4	1.1052	0.0000	1.1052	1.1052	0.0000	11
KY_RS	11/19/2021	5	1.1451	0.0000	1.1451	1.1451	0.0000	11
KY_RS	11/19/2021	6	1.2329	0.0000	1.2329	1.2329	0.0000	11
KY_RS	11/19/2021	7	1.3925	0.0000	1.3925	1.3925	0.0000	11
KY_RS	11/19/2021	8	1.4744	0.0000	1.4744	1.4744	0.0000	11
KY_RS	11/19/2021	9	1.4107	0.5851	0.8256	0.8256	0.0000	11
KY_RS	11/19/2021	10	1.3091	0.5660	0.7431	0.7431	0.0000	11
KY_RS	11/19/2021	11	1.2236	2.1445	(0.9210)	0.0000	(0.9210)	11
KY_RS	11/19/2021	12	1.1599	3.1584	(1.9984)	0.0000	(1.9984)	11
KY_RS	11/19/2021	13	1.1058	4.4323	(3.3266)	0.0000	(3.3266)	11
KY_RS	11/19/2021	14	1.0547	4.2294	(3.1747)	0.0000	(3.1747)	11
KY_RS	11/19/2021	15	1.0258	3.6050	(2.5792)	0.0000	(2.5792)	11
KY_RS	11/19/2021	16	1.0665	2.6240	(1.5576)	0.0000	(1.5576)	11
KY_RS	11/19/2021	17	1.1602	1.1367	0.0235	0.0235	0.0000	11
KY_RS	11/19/2021	18	1.3307	0.0000	1.3307	1.3307	0.0000	11
KY_RS	11/19/2021	19	1.4165	0.0000	1.4165	1.4165	0.0000	11
KY_RS	11/19/2021	20	1.4380	0.0000	1.4380	1.4380	0.0000	11
KY_RS	11/19/2021	21	1.4435	0.0000	1.4435	1.4435	0.0000	11
KY_RS	11/19/2021	22	1.4320	0.0000	1.4320	1.4320	0.0000	11
KY_RS	11/19/2021	23	1.3859	0.0000	1.3859	1.3859	0.0000	11
KY_RS	11/19/2021	24	1.3198	0.0000	1.3198	1.3198	0.0000	11
KY_RS	11/20/2021	1	1.2469	0.0000	1.2469	1.2469	0.0000	11
KY_RS	11/20/2021	2	1.1918	0.0000	1.1918	1.1918	0.0000	11
KY_RS	11/20/2021	3	1.1679	0.0000	1.1679	1.1679	0.0000	11
KY_RS	11/20/2021	4	1.1667	0.0000	1.1667	1.1667	0.0000	11
KY_RS	11/20/2021	5	1.1761	0.0000	1.1761	1.1761	0.0000	11
KY_RS	11/20/2021	6	1.2206	0.0000	1.2206	1.2206	0.0000	11
KY_RS	11/20/2021	7	1.2737	0.0000	1.2737	1.2737	0.0000	11
KY_RS	11/20/2021	8	1.3568	0.0000	1.3568	1.3568	0.0000	11
KY_RS	11/20/2021	9	1.4377	1.4375	0.0002	0.0002	0.0000	11
KY_RS	11/20/2021	10	1.4553	2.8351	(1.3798)	0.0000	(1.3798)	11
KY_RS	11/20/2021	11	1.4052	3.6943	(2.2891)	0.0000	(2.2891)	11
KY_RS	11/20/2021	12	1.3479	4.1283	(2.7804)	0.0000	(2.7804)	11
KY_RS	11/20/2021	13	1.2912	4.2449	(2.9537)	0.0000	(2.9537)	11
KY_RS	11/20/2021	14	1.2326	4.0409	(2.8083)	0.0000	(2.8083)	11
KY_RS	11/20/2021	15	1.2252	3.4510	(2.2259)	0.0000	(2.2259)	11

KY_RS	11/20/2021	16	1.2226	2.5258	(1.3031)	0.0000	(1.3031)	11
KY_RS	11/20/2021	17	1.2552	1.0954	0.1599	0.1599	0.0000	11
KY_RS	11/20/2021	18	1.3068	0.0000	1.3068	1.3068	0.0000	11
KY_RS	11/20/2021	19	1.3086	0.0000	1.3086	1.3086	0.0000	11
KY_RS	11/20/2021	20	1.2993	0.0000	1.2993	1.2993	0.0000	11
KY_RS	11/20/2021	21	1.2883	0.0000	1.2883	1.2883	0.0000	11
KY_RS	11/20/2021	22	1.2534	0.0000	1.2534	1.2534	0.0000	11
KY_RS	11/20/2021	23	1.2018	0.0000	1.2018	1.2018	0.0000	11
KY_RS	11/20/2021	24	1.1293	0.0000	1.1293	1.1293	0.0000	11
KY_RS	11/21/2021	1	1.0694	0.0000	1.0694	1.0694	0.0000	11
KY_RS	11/21/2021	2	1.0222	0.0000	1.0222	1.0222	0.0000	11
KY_RS	11/21/2021	3	0.9811	0.0000	0.9811	0.9811	0.0000	11
KY_RS	11/21/2021	4	0.9540	0.0000	0.9540	0.9540	0.0000	11
KY_RS	11/21/2021	5	0.9509	0.0000	0.9509	0.9509	0.0000	11
KY_RS	11/21/2021	6	0.9655	0.0000	0.9655	0.9655	0.0000	11
KY_RS	11/21/2021	7	1.0011	0.0000	1.0011	1.0011	0.0000	11
KY_RS	11/21/2021	8	1.0849	0.0000	1.0849	1.0849	0.0000	11
KY_RS	11/21/2021	9	1.2028	1.4011	(0.1983)	0.0000	(0.1983)	11
KY_RS	11/21/2021	10	1.3067	2.7920	(1.4854)	0.0000	(1.4854)	11
KY_RS	11/21/2021	11	1.3818	2.5550	(1.1732)	0.0000	(1.1732)	11
KY_RS	11/21/2021	12	1.4136	3.2226	(1.8090)	0.0000	(1.8090)	11
KY_RS	11/21/2021	13	1.4357	3.6564	(2.2207)	0.0000	(2.2207)	11
KY_RS	11/21/2021	14	1.4379	4.0066	(2.5687)	0.0000	(2.5687)	11
KY_RS	11/21/2021	15	1.4226	2.7344	(1.3118)	0.0000	(1.3118)	11
KY_RS	11/21/2021	16	1.4142	2.3714	(0.9572)	0.0000	(0.9572)	11
KY_RS	11/21/2021	17	1.4414	1.0679	0.3734	0.3734	0.0000	11
KY_RS	11/21/2021	18	1.5030	0.0000	1.5030	1.5030	0.0000	11
KY_RS	11/21/2021	19	1.4965	0.0000	1.4965	1.4965	0.0000	11
KY_RS	11/21/2021	20	1.4867	0.0000	1.4867	1.4867	0.0000	11
KY_RS	11/21/2021	21	1.4292	0.0000	1.4292	1.4292	0.0000	11
KY_RS	11/21/2021	22	1.3322	0.0000	1.3322	1.3322	0.0000	11
KY_RS	11/21/2021	23	1.2049	0.0000	1.2049	1.2049	0.0000	11
KY_RS	11/21/2021	24	1.0696	0.0000	1.0696	1.0696	0.0000	11
KY_RS	11/22/2021	1	0.9808	0.0000	0.9808	0.9808	0.0000	11
KY_RS	11/22/2021	2	0.9512	0.0000	0.9512	0.9512	0.0000	11
KY_RS	11/22/2021	3	0.9673	0.0000	0.9673	0.9673	0.0000	11
KY_RS	11/22/2021	4	1.0068	0.0000	1.0068	1.0068	0.0000	11
KY_RS	11/22/2021	5	1.0649	0.0000	1.0649	1.0649	0.0000	11
KY_RS	11/22/2021	6	1.1689	0.0000	1.1689	1.1689	0.0000	11
KY_RS	11/22/2021	7	1.3245	0.0000	1.3245	1.3245	0.0000	11
KY_RS	11/22/2021	8	1.4043	0.0000	1.4043	1.4043	0.0000	11
KY_RS	11/22/2021	9	1.3823	0.0263	1.3560	1.3560	0.0000	11
KY_RS	11/22/2021	10	1.3553	1.4453	(0.0900)	0.0000	(0.0900)	11
KY_RS	11/22/2021	11	1.2835	2.7353	(1.4519)	0.0000	(1.4519)	11
KY_RS	11/22/2021	12	1.2142	3.7290	(2.5149)	0.0000	(2.5149)	11
KY_RS	11/22/2021	13	1.1642	3.8736	(2.7094)	0.0000	(2.7094)	11
KY_RS	11/22/2021	14	1.1256	2.7520	(1.6264)	0.0000	(1.6264)	11
KY_RS	11/22/2021	15	1.1024	2.5123	(1.4099)	0.0000	(1.4099)	11
KY_RS	11/22/2021	16	1.1387	2.1933	(1.0546)	0.0000	(1.0546)	11
KY_RS	11/22/2021	17	1.2653	0.7472	0.5181	0.5181	0.0000	11
KY_RS	11/22/2021	18	1.5048	0.0000	1.5048	1.5048	0.0000	11
KY_RS	11/22/2021	19	1.6272	0.0000	1.6272	1.6272	0.0000	11
KY_RS	11/22/2021	20	1.6621	0.0000	1.6621	1.6621	0.0000	11
KY_RS	11/22/2021	21	1.6549	0.0000	1.6549	1.6549	0.0000	11
KY_RS	11/22/2021	22	1.6034	0.0000	1.6034	1.6034	0.0000	11
KY_RS	11/22/2021	23	1.4982	0.0000	1.4982	1.4982	0.0000	11
KY_RS	11/22/2021	24	1.3971	0.0000	1.3971	1.3971	0.0000	11
KY_RS	11/23/2021	1	1.3404	0.0000	1.3404	1.3404	0.0000	11
KY_RS	11/23/2021	2	1.3243	0.0000	1.3243	1.3243	0.0000	11
KY_RS	11/23/2021	3	1.3338	0.0000	1.3338	1.3338	0.0000	11
KY_RS	11/23/2021	4	1.3614	0.0000	1.3614	1.3614	0.0000	11
KY_RS	11/23/2021	5	1.4085	0.0000	1.4085	1.4085	0.0000	11
KY_RS	11/23/2021	6	1.5075	0.0000	1.5075	1.5075	0.0000	11
KY_RS	11/23/2021	7	1.6524	0.0000	1.6524	1.6524	0.0000	11
KY_RS	11/23/2021	8	1.7238	0.0000	1.7238	1.7238	0.0000	11
KY_RS	11/23/2021	9	1.6391	0.6292	1.0099	1.0099	0.0000	11
KY_RS	11/23/2021	10	1.4896	2.2454	(0.7558)	0.0000	(0.7558)	11
KY_RS	11/23/2021	11	1.3670	2.2270	(0.8600)	0.0000	(0.8600)	11
KY_RS	11/23/2021	12	1.2879	3.0896	(1.8017)	0.0000	(1.8017)	11
KY_RS	11/23/2021	13	1.2292	3.7732	(2.5440)	0.0000	(2.5440)	11
KY_RS	11/23/2021	14	1.1652	3.0464	(1.8812)	0.0000	(1.8812)	11
KY_RS	11/23/2021	15	1.1274	1.9740	(0.8466)	0.0000	(0.8466)	11
KY_RS	11/23/2021	16	1.1481	1.3281	(0.1801)	0.0000	(0.1801)	11
KY_RS	11/23/2021	17	1.2569	0.7010	0.5558	0.5558	0.0000	11
KY_RS	11/23/2021	18	1.4638	0.0000	1.4638	1.4638	0.0000	11
KY_RS	11/23/2021	19	1.5868	0.0000	1.5868	1.5868	0.0000	11
KY_RS	11/23/2021	20	1.6143	0.0000	1.6143	1.6143	0.0000	11
KY_RS	11/23/2021	21	1.6166	0.0000	1.6166	1.6166	0.0000	11
KY_RS	11/23/2021	22	1.5598	0.0000	1.5598	1.5598	0.0000	11

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KY_RS	11/23/2021	23	1.4694	0.0000	1.4694	1.4694	0.0000	11
KY_RS	11/23/2021	24	1.3630	0.0000	1.3630	1.3630	0.0000	11
KY_RS	11/24/2021	1	1.2894	0.0000	1.2894	1.2894	0.0000	11
KY_RS	11/24/2021	2	1.2507	0.0000	1.2507	1.2507	0.0000	11
KY_RS	11/24/2021	3	1.2351	0.0000	1.2351	1.2351	0.0000	11
KY_RS	11/24/2021	4	1.2405	0.0000	1.2405	1.2405	0.0000	11
KY_RS	11/24/2021	5	1.2766	0.0000	1.2766	1.2766	0.0000	11
KY_RS	11/24/2021	6	1.3449	0.0000	1.3449	1.3449	0.0000	11
KY_RS	11/24/2021	7	1.4316	0.0000	1.4316	1.4316	0.0000	11
KY_RS	11/24/2021	8	1.5134	0.0000	1.5134	1.5134	0.0000	11
KY_RS	11/24/2021	9	1.5019	0.0504	1.4514	1.4514	0.0000	11
KY_RS	11/24/2021	10	1.4309	0.0692	1.3617	1.3617	0.0000	11
KY_RS	11/24/2021	11	1.3499	0.2633	1.0867	1.0867	0.0000	11
KY_RS	11/24/2021	12	1.2781	0.3371	0.9410	0.9410	0.0000	11
KY_RS	11/24/2021	13	1.2185	0.3481	0.8704	0.8704	0.0000	11
KY_RS	11/24/2021	14	1.1653	0.6532	0.5121	0.5121	0.0000	11
KY_RS	11/24/2021	15	1.1425	0.7471	0.3954	0.3954	0.0000	11
KY_RS	11/24/2021	16	1.1514	0.6123	0.5391	0.5391	0.0000	11
KY_RS	11/24/2021	17	1.1956	1.0158	0.1798	0.1798	0.0000	11
KY_RS	11/24/2021	18	1.3424	0.0000	1.3424	1.3424	0.0000	11
KY_RS	11/24/2021	19	1.3946	0.0000	1.3946	1.3946	0.0000	11
KY_RS	11/24/2021	20	1.3749	0.0000	1.3749	1.3749	0.0000	11
KY_RS	11/24/2021	21	1.3400	0.0000	1.3400	1.3400	0.0000	11
KY_RS	11/24/2021	22	1.2856	0.0000	1.2856	1.2856	0.0000	11
KY_RS	11/24/2021	23	1.2002	0.0000	1.2002	1.2002	0.0000	11
KY_RS	11/24/2021	24	1.0896	0.0000	1.0896	1.0896	0.0000	11
KY_RS	11/25/2021	1	0.9902	0.0000	0.9902	0.9902	0.0000	11
KY_RS	11/25/2021	2	0.9208	0.0000	0.9208	0.9208	0.0000	11
KY_RS	11/25/2021	3	0.8788	0.0000	0.8788	0.8788	0.0000	11
KY_RS	11/25/2021	4	0.8563	0.0000	0.8563	0.8563	0.0000	11
KY_RS	11/25/2021	5	0.8539	0.0000	0.8539	0.8539	0.0000	11
KY_RS	11/25/2021	6	0.8787	0.0000	0.8787	0.8787	0.0000	11
KY_RS	11/25/2021	7	0.9297	0.0000	0.9297	0.9297	0.0000	11
KY_RS	11/25/2021	8	1.0355	0.0000	1.0355	1.0355	0.0000	11
KY_RS	11/25/2021	9	1.2238	0.6363	0.5874	0.5874	0.0000	11
KY_RS	11/25/2021	10	1.4122	2.9287	(1.5165)	0.0000	(1.5165)	11
KY_RS	11/25/2021	11	1.5505	2.8502	(1.2996)	0.0000	(1.2996)	11
KY_RS	11/25/2021	12	1.6387	4.4148	(2.7762)	0.0000	(2.7762)	11
KY_RS	11/25/2021	13	1.6301	2.2888	(0.6588)	0.0000	(0.6588)	11
KY_RS	11/25/2021	14	1.5489	2.4808	(0.9319)	0.0000	(0.9319)	11
KY_RS	11/25/2021	15	1.4646	3.3678	(1.9033)	0.0000	(1.9033)	11
KY_RS	11/25/2021	16	1.3755	2.0547	(0.6791)	0.0000	(0.6791)	11
KY_RS	11/25/2021	17	1.3082	0.8403	0.4679	0.4679	0.0000	11
KY_RS	11/25/2021	18	1.2710	0.0000	1.2710	1.2710	0.0000	11
KY_RS	11/25/2021	19	1.2547	0.0000	1.2547	1.2547	0.0000	11
KY_RS	11/25/2021	20	1.2658	0.0000	1.2658	1.2658	0.0000	11
KY_RS	11/25/2021	21	1.2813	0.0000	1.2813	1.2813	0.0000	11
KY_RS	11/25/2021	22	1.2861	0.0000	1.2861	1.2861	0.0000	11
KY_RS	11/25/2021	23	1.2427	0.0000	1.2427	1.2427	0.0000	11
KY_RS	11/25/2021	24	1.1744	0.0000	1.1744	1.1744	0.0000	11
KY_RS	11/26/2021	1	1.1248	0.0000	1.1248	1.1248	0.0000	11
KY_RS	11/26/2021	2	1.1051	0.0000	1.1051	1.1051	0.0000	11
KY_RS	11/26/2021	3	1.1038	0.0000	1.1038	1.1038	0.0000	11
KY_RS	11/26/2021	4	1.1167	0.0000	1.1167	1.1167	0.0000	11
KY_RS	11/26/2021	5	1.1538	0.0000	1.1538	1.1538	0.0000	11
KY_RS	11/26/2021	6	1.2046	0.0000	1.2046	1.2046	0.0000	11
KY_RS	11/26/2021	7	1.2649	0.0000	1.2649	1.2649	0.0000	11
KY_RS	11/26/2021	8	1.3443	0.0000	1.3443	1.3443	0.0000	11
KY_RS	11/26/2021	9	1.4481	0.1858	1.2624	1.2624	0.0000	11
KY_RS	11/26/2021	10	1.5279	1.1732	0.3547	0.3547	0.0000	11
KY_RS	11/26/2021	11	1.5563	2.7365	(1.1802)	0.0000	(1.1802)	11
KY_RS	11/26/2021	12	1.5066	2.7402	(1.2336)	0.0000	(1.2336)	11
KY_RS	11/26/2021	13	1.4440	2.6813	(1.2374)	0.0000	(1.2374)	11
KY_RS	11/26/2021	14	1.3787	1.4491	(0.0704)	0.0000	(0.0704)	11
KY_RS	11/26/2021	15	1.3241	1.1544	0.1697	0.1697	0.0000	11
KY_RS	11/26/2021	16	1.3241	1.5271	(0.2030)	0.0000	(0.2030)	11
KY_RS	11/26/2021	17	1.4124	0.6570	0.7554	0.7554	0.0000	11
KY_RS	11/26/2021	18	1.5451	0.0000	1.5451	1.5451	0.0000	11
KY_RS	11/26/2021	19	1.5800	0.0000	1.5800	1.5800	0.0000	11
KY_RS	11/26/2021	20	1.5673	0.0000	1.5673	1.5673	0.0000	11
KY_RS	11/26/2021	21	1.5483	0.0000	1.5483	1.5483	0.0000	11
KY_RS	11/26/2021	22	1.5069	0.0000	1.5069	1.5069	0.0000	11
KY_RS	11/26/2021	23	1.4436	0.0000	1.4436	1.4436	0.0000	11
KY_RS	11/26/2021	24	1.3534	0.0000	1.3534	1.3534	0.0000	11
KY_RS	11/27/2021	1	1.2767	0.0000	1.2767	1.2767	0.0000	11
KY_RS	11/27/2021	2	1.2263	0.0000	1.2263	1.2263	0.0000	11
KY_RS	11/27/2021	3	1.2013	0.0000	1.2013	1.2013	0.0000	11
KY_RS	11/27/2021	4	1.1901	0.0000	1.1901	1.1901	0.0000	11
KY_RS	11/27/2021	5	1.1959	0.0000	1.1959	1.1959	0.0000	11

KY_RS	11/27/2021	6	1.2196	0.0000	1.2196	1.2196	0.0000	11
KY_RS	11/27/2021	7	1.2521	0.0000	1.2521	1.2521	0.0000	11
KY_RS	11/27/2021	8	1.3197	0.0000	1.3197	1.3197	0.0000	11
KY_RS	11/27/2021	9	1.4162	0.0219	1.3943	1.3943	0.0000	11
KY_RS	11/27/2021	10	1.4570	0.1666	1.2904	1.2904	0.0000	11
KY_RS	11/27/2021	11	1.4074	0.2843	1.1231	1.1231	0.0000	11
KY_RS	11/27/2021	12	1.3854	0.3999	0.9855	0.9855	0.0000	11
KY_RS	11/27/2021	13	1.3595	0.6280	0.7314	0.7314	0.0000	11
KY_RS	11/27/2021	14	1.3305	0.9009	0.4296	0.4296	0.0000	11
KY_RS	11/27/2021	15	1.3041	0.2649	1.0392	1.0392	0.0000	11
KY_RS	11/27/2021	16	1.3061	0.2319	1.0742	1.0742	0.0000	11
KY_RS	11/27/2021	17	1.3346	0.0055	1.3292	1.3292	0.0000	11
KY_RS	11/27/2021	18	1.3936	0.0000	1.3936	1.3936	0.0000	11
KY_RS	11/27/2021	19	1.4166	0.0000	1.4166	1.4166	0.0000	11
KY_RS	11/27/2021	20	1.3947	0.0000	1.3947	1.3947	0.0000	11
KY_RS	11/27/2021	21	1.3741	0.0000	1.3741	1.3741	0.0000	11
KY_RS	11/27/2021	22	1.3276	0.0000	1.3276	1.3276	0.0000	11
KY_RS	11/27/2021	23	1.2653	0.0000	1.2653	1.2653	0.0000	11
KY_RS	11/27/2021	24	1.1794	0.0000	1.1794	1.1794	0.0000	11
KY_RS	11/28/2021	1	1.0965	0.0000	1.0965	1.0965	0.0000	11
KY_RS	11/28/2021	2	1.0458	0.0000	1.0458	1.0458	0.0000	11
KY_RS	11/28/2021	3	1.0193	0.0000	1.0193	1.0193	0.0000	11
KY_RS	11/28/2021	4	1.0203	0.0000	1.0203	1.0203	0.0000	11
KY_RS	11/28/2021	5	1.0358	0.0000	1.0358	1.0358	0.0000	11
KY_RS	11/28/2021	6	1.0814	0.0000	1.0814	1.0814	0.0000	11
KY_RS	11/28/2021	7	1.1430	0.0000	1.1430	1.1430	0.0000	11
KY_RS	11/28/2021	8	1.2387	0.0000	1.2387	1.2387	0.0000	11
KY_RS	11/28/2021	9	1.3434	0.0281	1.3152	1.3152	0.0000	11
KY_RS	11/28/2021	10	1.3955	0.1082	1.2874	1.2874	0.0000	11
KY_RS	11/28/2021	11	1.3857	0.6136	0.7721	0.7721	0.0000	11
KY_RS	11/28/2021	12	1.3440	0.3171	1.0268	1.0268	0.0000	11
KY_RS	11/28/2021	13	1.3196	0.4735	0.8461	0.8461	0.0000	11
KY_RS	11/28/2021	14	1.2795	0.3001	0.9794	0.9794	0.0000	11
KY_RS	11/28/2021	15	1.2554	0.2106	1.0448	1.0448	0.0000	11
KY_RS	11/28/2021	16	1.2624	0.1372	1.1252	1.1252	0.0000	11
KY_RS	11/28/2021	17	1.3507	0.0067	1.3439	1.3439	0.0000	11
KY_RS	11/28/2021	18	1.5470	0.0000	1.5470	1.5470	0.0000	11
KY_RS	11/28/2021	19	1.6709	0.0000	1.6709	1.6709	0.0000	11
KY_RS	11/28/2021	20	1.7012	0.0000	1.7012	1.7012	0.0000	11
KY_RS	11/28/2021	21	1.6704	0.0000	1.6704	1.6704	0.0000	11
KY_RS	11/28/2021	22	1.5909	0.0000	1.5909	1.5909	0.0000	11
KY_RS	11/28/2021	23	1.4725	0.0000	1.4725	1.4725	0.0000	11
KY_RS	11/28/2021	24	1.3454	0.0000	1.3454	1.3454	0.0000	11
KY_RS	11/29/2021	1	1.2724	0.0000	1.2724	1.2724	0.0000	11
KY_RS	11/29/2021	2	1.2435	0.0000	1.2435	1.2435	0.0000	11
KY_RS	11/29/2021	3	1.2482	0.0000	1.2482	1.2482	0.0000	11
KY_RS	11/29/2021	4	1.2709	0.0000	1.2709	1.2709	0.0000	11
KY_RS	11/29/2021	5	1.3234	0.0000	1.3234	1.3234	0.0000	11
KY_RS	11/29/2021	6	1.4289	0.0000	1.4289	1.4289	0.0000	11
KY_RS	11/29/2021	7	1.5882	0.0000	1.5882	1.5882	0.0000	11
KY_RS	11/29/2021	8	1.6575	0.0000	1.6575	1.6575	0.0000	11
KY_RS	11/29/2021	9	1.5993	1.1536	0.4457	0.4457	0.0000	11
KY_RS	11/29/2021	10	1.4595	0.0922	1.3672	1.3672	0.0000	11
KY_RS	11/29/2021	11	1.3444	0.3346	1.0098	1.0098	0.0000	11
KY_RS	11/29/2021	12	1.2619	0.5843	0.6776	0.6776	0.0000	11
KY_RS	11/29/2021	13	1.2126	0.6196	0.5930	0.5930	0.0000	11
KY_RS	11/29/2021	14	1.1543	4.2561	(3.1019)	0.0000	(3.1019)	11
KY_RS	11/29/2021	15	1.1234	3.6233	(2.4999)	0.0000	(2.4999)	11
KY_RS	11/29/2021	16	1.1547	1.3259	(0.1712)	0.0000	(0.1712)	11
KY_RS	11/29/2021	17	1.2935	0.7150	0.5785	0.5785	0.0000	11
KY_RS	11/29/2021	18	1.5302	0.0000	1.5302	1.5302	0.0000	11
KY_RS	11/29/2021	19	1.6289	0.0000	1.6289	1.6289	0.0000	11
KY_RS	11/29/2021	20	1.6274	0.0000	1.6274	1.6274	0.0000	11
KY_RS	11/29/2021	21	1.5974	0.0000	1.5974	1.5974	0.0000	11
KY_RS	11/29/2021	22	1.5161	0.0000	1.5161	1.5161	0.0000	11
KY_RS	11/29/2021	23	1.3882	0.0000	1.3882	1.3882	0.0000	11
KY_RS	11/29/2021	24	1.2528	0.0000	1.2528	1.2528	0.0000	11
KY_RS	11/30/2021	1	1.1658	0.0000	1.1658	1.1658	0.0000	11
KY_RS	11/30/2021	2	1.1265	0.0000	1.1265	1.1265	0.0000	11
KY_RS	11/30/2021	3	1.1083	0.0000	1.1083	1.1083	0.0000	11
KY_RS	11/30/2021	4	1.1129	0.0000	1.1129	1.1129	0.0000	11
KY_RS	11/30/2021	5	1.1399	0.0000	1.1399	1.1399	0.0000	11
KY_RS	11/30/2021	6	1.2142	0.0000	1.2142	1.2142	0.0000	11
KY_RS	11/30/2021	7	1.3333	0.0000	1.3333	1.3333	0.0000	11
KY_RS	11/30/2021	8	1.3807	0.0000	1.3807	1.3807	0.0000	11
KY_RS	11/30/2021	9	1.3099	0.5327	0.7772	0.7772	0.0000	11
KY_RS	11/30/2021	10	1.2150	2.7067	(1.4917)	0.0000	(1.4917)	11
KY_RS	11/30/2021	11	1.1247	3.7049	(2.5802)	0.0000	(2.5802)	11
KY_RS	11/30/2021	12	1.0656	4.1829	(3.1173)	0.0000	(3.1173)	11

KY_RS	11/30/2021	13	1.0185	4.3044	(3.2859)	0.0000	(3.2859)	11
KY_RS	11/30/2021	14	0.9699	4.0590	(3.0891)	0.0000	(3.0891)	11
KY_RS	11/30/2021	15	0.9420	3.4914	(2.5494)	0.0000	(2.5494)	11
KY_RS	11/30/2021	16	0.9610	2.4826	(1.5216)	0.0000	(1.5216)	11
KY_RS	11/30/2021	17	1.0618	0.9956	0.0663	0.0663	0.0000	11
KY_RS	11/30/2021	18	1.2811	0.0000	1.2811	1.2811	0.0000	11
KY_RS	11/30/2021	19	1.4157	0.0000	1.4157	1.4157	0.0000	11
KY_RS	11/30/2021	20	1.4487	0.0000	1.4487	1.4487	0.0000	11
KY_RS	11/30/2021	21	1.4465	0.0000	1.4465	1.4465	0.0000	11
KY_RS	11/30/2021	22	1.3908	0.0000	1.3908	1.3908	0.0000	11
KY_RS	11/30/2021	23	1.2884	0.0000	1.2884	1.2884	0.0000	11
KY_RS	11/30/2021	24	1.1736	0.0000	1.1736	1.1736	0.0000	11
KY_RS	12/01/2021	1	1.1046	0.0000	1.1046	1.1046	0.0000	12
KY_RS	12/01/2021	2	1.0836	0.0000	1.0836	1.0836	0.0000	12
KY_RS	12/01/2021	3	1.0890	0.0000	1.0890	1.0890	0.0000	12
KY_RS	12/01/2021	4	1.1100	0.0000	1.1100	1.1100	0.0000	12
KY_RS	12/01/2021	5	1.1462	0.0000	1.1462	1.1462	0.0000	12
KY_RS	12/01/2021	6	1.2159	0.0000	1.2159	1.2159	0.0000	12
KY_RS	12/01/2021	7	1.3323	0.0000	1.3323	1.3323	0.0000	12
KY_RS	12/01/2021	8	1.3652	0.0000	1.3652	1.3652	0.0000	12
KY_RS	12/01/2021	9	1.3157	0.1620	1.1538	1.1538	0.0000	12
KY_RS	12/01/2021	10	1.2817	0.5314	0.7503	0.7503	0.0000	12
KY_RS	12/01/2021	11	1.2516	1.0479	0.2037	0.2037	0.0000	12
KY_RS	12/01/2021	12	1.2358	1.2896	(0.0538)	0.0000	(0.0538)	12
KY_RS	12/01/2021	13	1.2203	1.3654	(0.1451)	0.0000	(0.1451)	12
KY_RS	12/01/2021	14	1.1748	1.5704	(0.3956)	0.0000	(0.3956)	12
KY_RS	12/01/2021	15	1.1275	1.2712	(0.1438)	0.0000	(0.1438)	12
KY_RS	12/01/2021	16	1.1627	0.8256	0.3370	0.3370	0.0000	12
KY_RS	12/01/2021	17	1.2592	0.8038	0.4554	0.4554	0.0000	12
KY_RS	12/01/2021	18	1.4038	0.0000	1.4038	1.4038	0.0000	12
KY_RS	12/01/2021	19	1.4437	0.0000	1.4437	1.4437	0.0000	12
KY_RS	12/01/2021	20	1.4262	0.0000	1.4262	1.4262	0.0000	12
KY_RS	12/01/2021	21	1.3903	0.0000	1.3903	1.3903	0.0000	12
KY_RS	12/01/2021	22	1.3124	0.0000	1.3124	1.3124	0.0000	12
KY_RS	12/01/2021	23	1.1752	0.0000	1.1752	1.1752	0.0000	12
KY_RS	12/01/2021	24	1.0220	0.0000	1.0220	1.0220	0.0000	12
KY_RS	12/02/2021	1	0.9104	0.0000	0.9104	0.9104	0.0000	12
KY_RS	12/02/2021	2	0.8499	0.0000	0.8499	0.8499	0.0000	12
KY_RS	12/02/2021	3	0.8158	0.0000	0.8158	0.8158	0.0000	12
KY_RS	12/02/2021	4	0.8054	0.0000	0.8054	0.8054	0.0000	12
KY_RS	12/02/2021	5	0.8242	0.0000	0.8242	0.8242	0.0000	12
KY_RS	12/02/2021	6	0.8962	0.0000	0.8962	0.8962	0.0000	12
KY_RS	12/02/2021	7	1.0281	0.0000	1.0281	1.0281	0.0000	12
KY_RS	12/02/2021	8	1.0849	0.0000	1.0849	1.0849	0.0000	12
KY_RS	12/02/2021	9	1.0399	0.1696	0.8703	0.8703	0.0000	12
KY_RS	12/02/2021	10	0.9734	0.7963	0.1771	0.1771	0.0000	12
KY_RS	12/02/2021	11	0.9274	1.3297	(0.4023)	0.0000	(0.4023)	12
KY_RS	12/02/2021	12	0.8837	1.8460	(0.9623)	0.0000	(0.9623)	12
KY_RS	12/02/2021	13	0.8546	1.2042	(0.3497)	0.0000	(0.3497)	12
KY_RS	12/02/2021	14	0.8324	3.2318	(2.3995)	0.0000	(2.3995)	12
KY_RS	12/02/2021	15	0.8187	1.6118	(0.7931)	0.0000	(0.7931)	12
KY_RS	12/02/2021	16	0.8421	1.4843	(0.6422)	0.0000	(0.6422)	12
KY_RS	12/02/2021	17	0.9172	0.1791	0.7381	0.7381	0.0000	12
KY_RS	12/02/2021	18	1.0922	0.0000	1.0922	1.0922	0.0000	12
KY_RS	12/02/2021	19	1.2052	0.0000	1.2052	1.2052	0.0000	12
KY_RS	12/02/2021	20	1.2216	0.0000	1.2216	1.2216	0.0000	12
KY_RS	12/02/2021	21	1.2150	0.0000	1.2150	1.2150	0.0000	12
KY_RS	12/02/2021	22	1.1576	0.0000	1.1576	1.1576	0.0000	12
KY_RS	12/02/2021	23	1.0583	0.0000	1.0583	1.0583	0.0000	12
KY_RS	12/02/2021	24	0.9430	0.0000	0.9430	0.9430	0.0000	12
KY_RS	12/03/2021	1	0.8642	0.0000	0.8642	0.8642	0.0000	12
KY_RS	12/03/2021	2	0.8332	0.0000	0.8332	0.8332	0.0000	12
KY_RS	12/03/2021	3	0.8297	0.0000	0.8297	0.8297	0.0000	12
KY_RS	12/03/2021	4	0.8554	0.0000	0.8554	0.8554	0.0000	12
KY_RS	12/03/2021	5	0.9103	0.0000	0.9103	0.9103	0.0000	12
KY_RS	12/03/2021	6	1.0080	0.0000	1.0080	1.0080	0.0000	12
KY_RS	12/03/2021	7	1.1593	0.0000	1.1593	1.1593	0.0000	12
KY_RS	12/03/2021	8	1.2323	0.0000	1.2323	1.2323	0.0000	12
KY_RS	12/03/2021	9	1.1953	0.1294	1.0659	1.0659	0.0000	12
KY_RS	12/03/2021	10	1.1035	0.4166	0.6869	0.6869	0.0000	12
KY_RS	12/03/2021	11	1.0330	0.6546	0.3784	0.3784	0.0000	12
KY_RS	12/03/2021	12	0.9721	2.1149	(1.1428)	0.0000	(1.1428)	12
KY_RS	12/03/2021	13	0.9260	2.5393	(1.6133)	0.0000	(1.6133)	12
KY_RS	12/03/2021	14	0.8853	1.6979	(0.8125)	0.0000	(0.8125)	12
KY_RS	12/03/2021	15	0.8608	1.2797	(0.4189)	0.0000	(0.4189)	12
KY_RS	12/03/2021	16	0.8814	0.9098	(0.0284)	0.0000	(0.0284)	12
KY_RS	12/03/2021	17	0.9520	0.2090	0.7430	0.7430	0.0000	12
KY_RS	12/03/2021	18	1.1053	0.0000	1.1053	1.1053	0.0000	12
KY_RS	12/03/2021	19	1.1823	0.0000	1.1823	1.1823	0.0000	12

KY_RS	12/03/2021	20	1.1819	0.0000	1.1819	1.1819	0.0000	12
KY_RS	12/03/2021	21	1.1776	0.0000	1.1776	1.1776	0.0000	12
KY_RS	12/03/2021	22	1.1533	0.0000	1.1533	1.1533	0.0000	12
KY_RS	12/03/2021	23	1.1012	0.0000	1.1012	1.1012	0.0000	12
KY_RS	12/03/2021	24	1.0188	0.0000	1.0188	1.0188	0.0000	12
KY_RS	12/04/2021	1	0.9496	0.0000	0.9496	0.9496	0.0000	12
KY_RS	12/04/2021	2	0.9120	0.0000	0.9120	0.9120	0.0000	12
KY_RS	12/04/2021	3	0.8979	0.0000	0.8979	0.8979	0.0000	12
KY_RS	12/04/2021	4	0.9050	0.0000	0.9050	0.9050	0.0000	12
KY_RS	12/04/2021	5	0.9333	0.0000	0.9333	0.9333	0.0000	12
KY_RS	12/04/2021	6	0.9805	0.0000	0.9805	0.9805	0.0000	12
KY_RS	12/04/2021	7	1.0546	0.0000	1.0546	1.0546	0.0000	12
KY_RS	12/04/2021	8	1.1591	0.0000	1.1591	1.1591	0.0000	12
KY_RS	12/04/2021	9	1.2516	0.0465	1.2051	1.2051	0.0000	12
KY_RS	12/04/2021	10	1.2546	0.3572	0.8974	0.8974	0.0000	12
KY_RS	12/04/2021	11	1.2115	0.7823	0.4292	0.4292	0.0000	12
KY_RS	12/04/2021	12	1.1730	0.8811	0.2919	0.2919	0.0000	12
KY_RS	12/04/2021	13	1.1377	1.0945	0.0432	0.0432	0.0000	12
KY_RS	12/04/2021	14	1.0934	0.7136	0.3797	0.3797	0.0000	12
KY_RS	12/04/2021	15	1.0676	0.7383	0.3293	0.3293	0.0000	12
KY_RS	12/04/2021	16	1.0718	0.9223	0.1495	0.1495	0.0000	12
KY_RS	12/04/2021	17	1.1294	0.5762	0.5532	0.5532	0.0000	12
KY_RS	12/04/2021	18	1.2551	0.0000	1.2551	1.2551	0.0000	12
KY_RS	12/04/2021	19	1.3228	0.0000	1.3228	1.3228	0.0000	12
KY_RS	12/04/2021	20	1.3278	0.0000	1.3278	1.3278	0.0000	12
KY_RS	12/04/2021	21	1.3533	0.0000	1.3533	1.3533	0.0000	12
KY_RS	12/04/2021	22	1.3333	0.0000	1.3333	1.3333	0.0000	12
KY_RS	12/04/2021	23	1.2848	0.0000	1.2848	1.2848	0.0000	12
KY_RS	12/04/2021	24	1.2129	0.0000	1.2129	1.2129	0.0000	12
KY_RS	12/05/2021	1	1.1394	0.0000	1.1394	1.1394	0.0000	12
KY_RS	12/05/2021	2	1.0925	0.0000	1.0925	1.0925	0.0000	12
KY_RS	12/05/2021	3	1.0741	0.0000	1.0741	1.0741	0.0000	12
KY_RS	12/05/2021	4	1.0774	0.0000	1.0774	1.0774	0.0000	12
KY_RS	12/05/2021	5	1.0983	0.0000	1.0983	1.0983	0.0000	12
KY_RS	12/05/2021	6	1.1351	0.0000	1.1351	1.1351	0.0000	12
KY_RS	12/05/2021	7	1.1831	0.0000	1.1831	1.1831	0.0000	12
KY_RS	12/05/2021	8	1.2608	0.0000	1.2608	1.2608	0.0000	12
KY_RS	12/05/2021	9	1.3583	0.0824	1.2759	1.2759	0.0000	12
KY_RS	12/05/2021	10	1.4201	0.1705	1.2496	1.2496	0.0000	12
KY_RS	12/05/2021	11	1.4011	1.3142	0.0869	0.0869	0.0000	12
KY_RS	12/05/2021	12	1.3846	0.6063	0.7783	0.7783	0.0000	12
KY_RS	12/05/2021	13	1.3643	0.3680	0.9963	0.9963	0.0000	12
KY_RS	12/05/2021	14	1.2524	0.2622	0.9902	0.9902	0.0000	12
KY_RS	12/05/2021	15	1.1785	0.4599	0.7186	0.7186	0.0000	12
KY_RS	12/05/2021	16	1.1637	0.2261	0.9376	0.9376	0.0000	12
KY_RS	12/05/2021	17	1.2433	0.0268	1.2165	1.2165	0.0000	12
KY_RS	12/05/2021	18	1.3908	0.0000	1.3908	1.3908	0.0000	12
KY_RS	12/05/2021	19	1.4184	0.0000	1.4184	1.4184	0.0000	12
KY_RS	12/05/2021	20	1.4005	0.0000	1.4005	1.4005	0.0000	12
KY_RS	12/05/2021	21	1.3422	0.0000	1.3422	1.3422	0.0000	12
KY_RS	12/05/2021	22	1.2307	0.0000	1.2307	1.2307	0.0000	12
KY_RS	12/05/2021	23	1.0716	0.0000	1.0716	1.0716	0.0000	12
KY_RS	12/05/2021	24	0.9085	0.0000	0.9085	0.9085	0.0000	12
KY_RS	12/06/2021	1	0.7886	0.0000	0.7886	0.7886	0.0000	12
KY_RS	12/06/2021	2	0.7144	0.0000	0.7144	0.7144	0.0000	12
KY_RS	12/06/2021	3	0.6797	0.0000	0.6797	0.6797	0.0000	12
KY_RS	12/06/2021	4	0.6664	0.0000	0.6664	0.6664	0.0000	12
KY_RS	12/06/2021	5	0.6860	0.0000	0.6860	0.6860	0.0000	12
KY_RS	12/06/2021	6	0.7475	0.0000	0.7475	0.7475	0.0000	12
KY_RS	12/06/2021	7	0.8831	0.0000	0.8831	0.8831	0.0000	12
KY_RS	12/06/2021	8	0.9834	0.0000	0.9834	0.9834	0.0000	12
KY_RS	12/06/2021	9	1.0113	0.4481	0.5632	0.5632	0.0000	12
KY_RS	12/06/2021	10	1.0566	0.0942	0.9624	0.9624	0.0000	12
KY_RS	12/06/2021	11	1.0730	0.8681	0.2049	0.2049	0.0000	12
KY_RS	12/06/2021	12	1.0961	1.1128	(0.0166)	0.0000	(0.0166)	12
KY_RS	12/06/2021	13	1.1634	0.8637	0.2997	0.2997	0.0000	12
KY_RS	12/06/2021	14	1.1637	0.2981	0.8656	0.8656	0.0000	12
KY_RS	12/06/2021	15	1.1322	0.4012	0.7310	0.7310	0.0000	12
KY_RS	12/06/2021	16	1.1642	0.2583	0.9060	0.9060	0.0000	12
KY_RS	12/06/2021	17	1.3049	0.0939	1.2109	1.2109	0.0000	12
KY_RS	12/06/2021	18	1.5679	0.0000	1.5679	1.5679	0.0000	12
KY_RS	12/06/2021	19	1.7027	0.0000	1.7027	1.7027	0.0000	12
KY_RS	12/06/2021	20	1.7252	0.0000	1.7252	1.7252	0.0000	12
KY_RS	12/06/2021	21	1.7145	0.0000	1.7145	1.7145	0.0000	12
KY_RS	12/06/2021	22	1.6545	0.0000	1.6545	1.6545	0.0000	12
KY_RS	12/06/2021	23	1.5394	0.0000	1.5394	1.5394	0.0000	12
KY_RS	12/06/2021	24	1.4098	0.0000	1.4098	1.4098	0.0000	12
KY_RS	12/07/2021	1	1.3400	0.0000	1.3400	1.3400	0.0000	12
KY_RS	12/07/2021	2	1.3127	0.0000	1.3127	1.3127	0.0000	12

KY_RS	12/07/2021	3	1.2974	0.0000	1.2974	1.2974	0.0000	12	
KY_RS	12/07/2021	4	1.3149	0.0000	1.3149	1.3149	0.0000	12	
KY_RS	12/07/2021	5	1.3649	0.0000	1.3649	1.3649	0.0000	12	
KY_RS	12/07/2021	6	1.4669	0.0000	1.4669	1.4669	0.0000	12	
KY_RS	12/07/2021	7	1.6344	0.0000	1.6344	1.6344	0.0000	12	
KY_RS	12/07/2021	8	1.6957	0.0000	1.6957	1.6957	0.0000	12	
KY_RS	12/07/2021	9	1.6560	1.1488	0.5072	0.5072	0.0000	12	
KY_RS	12/07/2021	10	1.6137	2.7905	(1.1768)	0.0000	(1.1768)	12	
KY_RS	12/07/2021	11	1.5823	3.8665	(2.2842)	0.0000	(2.2842)	12	
KY_RS	12/07/2021	12	1.5584	4.4781	(2.9197)	0.0000	(2.9197)	12	
KY_RS	12/07/2021	13	1.5497	4.6677	(3.1180)	0.0000	(3.1180)	12	
KY_RS	12/07/2021	14	1.5438	4.4549	(2.9111)	0.0000	(2.9111)	12	
KY_RS	12/07/2021	15	1.5344	3.8132	(2.2789)	0.0000	(2.2789)	12	
KY_RS	12/07/2021	16	1.5866	2.7467	(1.1600)	0.0000	(1.1600)	12	
KY_RS	12/07/2021	17	1.7076	0.1935	1.5141	1.5141	0.0000	12	
KY_RS	12/07/2021	18	1.8744	0.0000	1.8744	1.8744	1.8744	1.8744	12
KY_RS	12/07/2021	19	1.9199	0.0000	1.9199	1.9199	0.0000	12	
KY_RS	12/07/2021	20	1.9136	0.0000	1.9136	1.9136	0.0000	12	
KY_RS	12/07/2021	21	1.8862	0.0000	1.8862	1.8862	0.0000	12	
KY_RS	12/07/2021	22	1.8115	0.0000	1.8115	1.8115	0.0000	12	
KY_RS	12/07/2021	23	1.6665	0.0000	1.6665	1.6665	0.0000	12	
KY_RS	12/07/2021	24	1.5299	0.0000	1.5299	1.5299	0.0000	12	
KY_RS	12/08/2021	1	1.4505	0.0000	1.4505	1.4505	0.0000	12	
KY_RS	12/08/2021	2	1.4221	0.0000	1.4221	1.4221	0.0000	12	
KY_RS	12/08/2021	3	1.4085	0.0000	1.4085	1.4085	0.0000	12	
KY_RS	12/08/2021	4	1.4066	0.0000	1.4066	1.4066	0.0000	12	
KY_RS	12/08/2021	5	1.4348	0.0000	1.4348	1.4348	0.0000	12	
KY_RS	12/08/2021	6	1.5026	0.0000	1.5026	1.5026	0.0000	12	
KY_RS	12/08/2021	7	1.5952	0.0000	1.5952	1.5952	0.0000	12	
KY_RS	12/08/2021	8	1.6733	0.0000	1.6733	1.6733	0.0000	12	
KY_RS	12/08/2021	9	1.6726	0.0898	1.5828	1.5828	0.0000	12	
KY_RS	12/08/2021	10	1.6342	0.9739	0.6604	0.6604	0.0000	12	
KY_RS	12/08/2021	11	1.4937	0.5881	0.9056	0.9056	0.0000	12	
KY_RS	12/08/2021	12	1.4318	0.7065	0.7253	0.7253	0.0000	12	
KY_RS	12/08/2021	13	1.3685	0.7714	0.5971	0.5971	0.0000	12	
KY_RS	12/08/2021	14	1.3024	3.7515	(2.4491)	0.0000	(2.4491)	12	
KY_RS	12/08/2021	15	1.2610	3.0212	(1.7602)	0.0000	(1.7602)	12	
KY_RS	12/08/2021	16	1.2741	1.9964	(0.7223)	0.0000	(0.7223)	12	
KY_RS	12/08/2021	17	1.3884	0.6223	0.7661	0.7661	0.0000	12	
KY_RS	12/08/2021	18	1.6224	0.0000	1.6224	1.6224	0.0000	12	
KY_RS	12/08/2021	19	1.7425	0.0000	1.7425	1.7425	0.0000	12	
KY_RS	12/08/2021	20	1.7671	0.0000	1.7671	1.7671	0.0000	12	
KY_RS	12/08/2021	21	1.7705	0.0000	1.7705	1.7705	0.0000	12	
KY_RS	12/08/2021	22	1.7285	0.0000	1.7285	1.7285	0.0000	12	
KY_RS	12/08/2021	23	1.6149	0.0000	1.6149	1.6149	0.0000	12	
KY_RS	12/08/2021	24	1.4941	0.0000	1.4941	1.4941	0.0000	12	
KY_RS	12/09/2021	1	1.4187	0.0000	1.4187	1.4187	0.0000	12	
KY_RS	12/09/2021	2	1.3929	0.0000	1.3929	1.3929	0.0000	12	
KY_RS	12/09/2021	3	1.3878	0.0000	1.3878	1.3878	0.0000	12	
KY_RS	12/09/2021	4	1.4061	0.0000	1.4061	1.4061	0.0000	12	
KY_RS	12/09/2021	5	1.4437	0.0000	1.4437	1.4437	0.0000	12	
KY_RS	12/09/2021	6	1.5237	0.0000	1.5237	1.5237	0.0000	12	
KY_RS	12/09/2021	7	1.6443	0.0000	1.6443	1.6443	0.0000	12	
KY_RS	12/09/2021	8	1.6758	0.0000	1.6758	1.6758	0.0000	12	
KY_RS	12/09/2021	9	1.6253	0.8415	0.7838	0.7838	0.0000	12	
KY_RS	12/09/2021	10	1.5690	0.2178	1.3511	1.3511	0.0000	12	
KY_RS	12/09/2021	11	1.4968	0.4675	1.0293	1.0293	0.0000	12	
KY_RS	12/09/2021	12	1.3630	0.5355	0.8275	0.8275	0.0000	12	
KY_RS	12/09/2021	13	1.2932	0.8384	0.4549	0.4549	0.0000	12	
KY_RS	12/09/2021	14	1.1887	0.9037	0.2850	0.2850	0.0000	12	
KY_RS	12/09/2021	15	1.1494	0.4738	0.6757	0.6757	0.0000	12	
KY_RS	12/09/2021	16	1.1725	0.2653	0.9071	0.9071	0.0000	12	
KY_RS	12/09/2021	17	1.2237	0.8482	0.3755	0.3755	0.0000	12	
KY_RS	12/09/2021	18	1.4146	0.0000	1.4146	1.4146	0.0000	12	
KY_RS	12/09/2021	19	1.4681	0.0000	1.4681	1.4681	0.0000	12	
KY_RS	12/09/2021	20	1.4463	0.0000	1.4463	1.4463	0.0000	12	
KY_RS	12/09/2021	21	1.4110	0.0000	1.4110	1.4110	0.0000	12	
KY_RS	12/09/2021	22	1.3258	0.0000	1.3258	1.3258	0.0000	12	
KY_RS	12/09/2021	23	1.1818	0.0000	1.1818	1.1818	0.0000	12	
KY_RS	12/09/2021	24	1.0319	0.0000	1.0319	1.0319	0.0000	12	
KY_RS	12/10/2021	1	0.9301	0.0000	0.9301	0.9301	0.0000	12	
KY_RS	12/10/2021	2	0.8862	0.0000	0.8862	0.8862	0.0000	12	
KY_RS	12/10/2021	3	0.8719	0.0000	0.8719	0.8719	0.0000	12	
KY_RS	12/10/2021	4	0.8727	0.0000	0.8727	0.8727	0.0000	12	
KY_RS	12/10/2021	5	0.8874	0.0000	0.8874	0.8874	0.0000	12	
KY_RS	12/10/2021	6	0.9463	0.0000	0.9463	0.9463	0.0000	12	
KY_RS	12/10/2021	7	1.0642	0.0000	1.0642	1.0642	0.0000	12	
KY_RS	12/10/2021	8	1.1133	0.0000	1.1133	1.1133	0.0000	12	
KY_RS	12/10/2021	9	1.0898	0.7981	0.2916	0.2916	0.0000	12	

KY_RS	12/10/2021	10	1.0690	2.6271	(1.5581)	0.0000	(1.5581)	12
KY_RS	12/10/2021	11	1.0447	3.8644	(2.8197)	0.0000	(2.8197)	12
KY_RS	12/10/2021	12	1.0267	4.5556	(3.5289)	0.0000	(3.5289)	12
KY_RS	12/10/2021	13	1.0148	4.7616	(3.7468)	0.0000	(3.7468)	12
KY_RS	12/10/2021	14	1.0019	4.5585	(3.5566)	0.0000	(3.5566)	12
KY_RS	12/10/2021	15	0.9923	3.9000	(2.9078)	0.0000	(2.9078)	12
KY_RS	12/10/2021	16	1.0334	2.7627	(1.7293)	0.0000	(1.7293)	12
KY_RS	12/10/2021	17	1.1195	1.0388	0.0807	0.0807	0.0000	12
KY_RS	12/10/2021	18	1.2475	0.0000	1.2475	1.2475	0.0000	12
KY_RS	12/10/2021	19	1.2576	0.0000	1.2576	1.2576	0.0000	12
KY_RS	12/10/2021	20	1.2215	0.0000	1.2215	1.2215	0.0000	12
KY_RS	12/10/2021	21	1.1840	0.0000	1.1840	1.1840	0.0000	12
KY_RS	12/10/2021	22	1.1268	0.0000	1.1268	1.1268	0.0000	12
KY_RS	12/10/2021	23	1.0374	0.0000	1.0374	1.0374	0.0000	12
KY_RS	12/10/2021	24	0.9216	0.0000	0.9216	0.9216	0.0000	12
KY_RS	12/11/2021	1	0.8114	0.0000	0.8114	0.8114	0.0000	12
KY_RS	12/11/2021	2	0.7296	0.0000	0.7296	0.7296	0.0000	12
KY_RS	12/11/2021	3	0.6793	0.0000	0.6793	0.6793	0.0000	12
KY_RS	12/11/2021	4	0.6513	0.0000	0.6513	0.6513	0.0000	12
KY_RS	12/11/2021	5	0.6394	0.0000	0.6394	0.6394	0.0000	12
KY_RS	12/11/2021	6	0.6509	0.0000	0.6509	0.6509	0.0000	12
KY_RS	12/11/2021	7	0.6890	0.0000	0.6890	0.6890	0.0000	12
KY_RS	12/11/2021	8	0.7637	0.0000	0.7637	0.7637	0.0000	12
KY_RS	12/11/2021	9	0.8783	0.9641	(0.0857)	0.0000	(0.0857)	12
KY_RS	12/11/2021	10	0.9733	2.6045	(1.6312)	0.0000	(1.6312)	12
KY_RS	12/11/2021	11	1.0472	3.7046	(2.6575)	0.0000	(2.6575)	12
KY_RS	12/11/2021	12	1.1146	4.3256	(3.2110)	0.0000	(3.2110)	12
KY_RS	12/11/2021	13	1.1367	4.5414	(3.4048)	0.0000	(3.4048)	12
KY_RS	12/11/2021	14	1.1895	4.3603	(3.1708)	0.0000	(3.1708)	12
KY_RS	12/11/2021	15	1.2198	3.7000	(2.4801)	0.0000	(2.4801)	12
KY_RS	12/11/2021	16	1.2939	2.5059	(1.2120)	0.0000	(1.2120)	12
KY_RS	12/11/2021	17	1.3936	0.1679	1.2258	1.2258	0.0000	12
KY_RS	12/11/2021	18	1.5008	0.0000	1.5008	1.5008	0.0000	12
KY_RS	12/11/2021	19	1.5161	0.0000	1.5161	1.5161	0.0000	12
KY_RS	12/11/2021	20	1.4979	0.0000	1.4979	1.4979	0.0000	12
KY_RS	12/11/2021	21	1.4945	0.0000	1.4945	1.4945	0.0000	12
KY_RS	12/11/2021	22	1.4763	0.0000	1.4763	1.4763	0.0000	12
KY_RS	12/11/2021	23	1.4344	0.0000	1.4344	1.4344	0.0000	12
KY_RS	12/11/2021	24	1.3601	0.0000	1.3601	1.3601	0.0000	12
KY_RS	12/12/2021	1	1.2923	0.0000	1.2923	1.2923	0.0000	12
KY_RS	12/12/2021	2	1.2498	0.0000	1.2498	1.2498	0.0000	12
KY_RS	12/12/2021	3	1.2331	0.0000	1.2331	1.2331	0.0000	12
KY_RS	12/12/2021	4	1.2387	0.0000	1.2387	1.2387	0.0000	12
KY_RS	12/12/2021	5	1.2596	0.0000	1.2596	1.2596	0.0000	12
KY_RS	12/12/2021	6	1.3047	0.0000	1.3047	1.3047	0.0000	12
KY_RS	12/12/2021	7	1.3571	0.0000	1.3571	1.3571	0.0000	12
KY_RS	12/12/2021	8	1.4529	0.0000	1.4529	1.4529	0.0000	12
KY_RS	12/12/2021	9	1.5442	1.1238	0.4205	0.4205	0.0000	12
KY_RS	12/12/2021	10	1.5244	2.8526	(1.3283)	0.0000	(1.3283)	12
KY_RS	12/12/2021	11	1.4706	3.9291	(2.4585)	0.0000	(2.4585)	12
KY_RS	12/12/2021	12	1.4163	3.3883	(1.9720)	0.0000	(1.9720)	12
KY_RS	12/12/2021	13	1.3694	4.7079	(3.3386)	0.0000	(3.3386)	12
KY_RS	12/12/2021	14	1.3133	4.4469	(3.1336)	0.0000	(3.1336)	12
KY_RS	12/12/2021	15	1.2688	3.8148	(2.5459)	0.0000	(2.5459)	12
KY_RS	12/12/2021	16	1.2623	2.7181	(1.4558)	0.0000	(1.4558)	12
KY_RS	12/12/2021	17	1.3260	1.0804	0.2456	0.2456	0.0000	12
KY_RS	12/12/2021	18	1.5093	0.0000	1.5093	1.5093	0.0000	12
KY_RS	12/12/2021	19	1.6366	0.0000	1.6366	1.6366	0.0000	12
KY_RS	12/12/2021	20	1.6459	0.0000	1.6459	1.6459	0.0000	12
KY_RS	12/12/2021	21	1.6810	0.0000	1.6810	1.6810	0.0000	12
KY_RS	12/12/2021	22	1.6137	0.0000	1.6137	1.6137	0.0000	12
KY_RS	12/12/2021	23	1.4887	0.0000	1.4887	1.4887	0.0000	12
KY_RS	12/12/2021	24	1.3459	0.0000	1.3459	1.3459	0.0000	12
KY_RS	12/13/2021	1	1.2487	0.0000	1.2487	1.2487	0.0000	12
KY_RS	12/13/2021	2	1.2013	0.0000	1.2013	1.2013	0.0000	12
KY_RS	12/13/2021	3	1.1888	0.0000	1.1888	1.1888	0.0000	12
KY_RS	12/13/2021	4	1.2087	0.0000	1.2087	1.2087	0.0000	12
KY_RS	12/13/2021	5	1.2533	0.0000	1.2533	1.2533	0.0000	12
KY_RS	12/13/2021	6	1.3495	0.0000	1.3495	1.3495	0.0000	12
KY_RS	12/13/2021	7	1.5020	0.0000	1.5020	1.5020	0.0000	12
KY_RS	12/13/2021	8	1.5748	0.0000	1.5748	1.5748	0.0000	12
KY_RS	12/13/2021	9	1.5061	0.5268	0.9793	0.9793	0.0000	12
KY_RS	12/13/2021	10	1.3796	2.5257	(1.1461)	0.0000	(1.1461)	12
KY_RS	12/13/2021	11	1.2736	3.6447	(2.3711)	0.0000	(2.3711)	12
KY_RS	12/13/2021	12	1.2020	4.2740	(3.0720)	0.0000	(3.0720)	12
KY_RS	12/13/2021	13	1.1383	4.4727	(3.3344)	0.0000	(3.3344)	12
KY_RS	12/13/2021	14	1.0799	4.3146	(3.2346)	0.0000	(3.2346)	12
KY_RS	12/13/2021	15	1.0314	2.7300	(1.6986)	0.0000	(1.6986)	12
KY_RS	12/13/2021	16	1.0465	0.8939	0.1527	0.1527	0.0000	12

KY_RS	12/13/2021	17	1.1471	0.6736	0.4736	0.4736	0.0000	12
KY_RS	12/13/2021	18	1.3778	0.0000	1.3778	1.3778	0.0000	12
KY_RS	12/13/2021	19	1.5320	0.0000	1.5320	1.5320	0.0000	12
KY_RS	12/13/2021	20	1.5623	0.0000	1.5623	1.5623	0.0000	12
KY_RS	12/13/2021	21	1.5582	0.0000	1.5582	1.5582	0.0000	12
KY_RS	12/13/2021	22	1.4985	0.0000	1.4985	1.4985	0.0000	12
KY_RS	12/13/2021	23	1.3815	0.0000	1.3815	1.3815	0.0000	12
KY_RS	12/13/2021	24	1.2541	0.0000	1.2541	1.2541	0.0000	12
KY_RS	12/14/2021	1	1.1703	0.0000	1.1703	1.1703	0.0000	12
KY_RS	12/14/2021	2	1.1345	0.0000	1.1345	1.1345	0.0000	12
KY_RS	12/14/2021	3	1.1301	0.0000	1.1301	1.1301	0.0000	12
KY_RS	12/14/2021	4	1.1449	0.0000	1.1449	1.1449	0.0000	12
KY_RS	12/14/2021	5	1.1946	0.0000	1.1946	1.1946	0.0000	12
KY_RS	12/14/2021	6	1.2947	0.0000	1.2947	1.2947	0.0000	12
KY_RS	12/14/2021	7	1.4451	0.0000	1.4451	1.4451	0.0000	12
KY_RS	12/14/2021	8	1.5147	0.0000	1.5147	1.5147	0.0000	12
KY_RS	12/14/2021	9	1.4564	0.0006	1.4558	1.4558	0.0000	12
KY_RS	12/14/2021	10	1.3228	0.3751	0.9478	0.9478	0.0000	12
KY_RS	12/14/2021	11	1.1986	0.0000	1.1986	1.1986	0.0000	12
KY_RS	12/14/2021	12	1.1023	0.0083	1.0940	1.0940	0.0000	12
KY_RS	12/14/2021	13	1.0343	0.0466	0.9877	0.9877	0.0000	12
KY_RS	12/14/2021	14	0.9735	0.0579	0.9156	0.9156	0.0000	12
KY_RS	12/14/2021	15	0.9377	0.0470	0.8907	0.8907	0.0000	12
KY_RS	12/14/2021	16	0.9744	1.9433	(0.9690)	0.0000	(0.9690)	12
KY_RS	12/14/2021	17	1.0883	0.6072	0.4810	0.4810	0.0000	12
KY_RS	12/14/2021	18	1.2824	0.0000	1.2824	1.2824	0.0000	12
KY_RS	12/14/2021	19	1.3835	0.0000	1.3835	1.3835	0.0000	12
KY_RS	12/14/2021	20	1.3881	0.0000	1.3881	1.3881	0.0000	12
KY_RS	12/14/2021	21	1.3740	0.0000	1.3740	1.3740	0.0000	12
KY_RS	12/14/2021	22	1.2995	0.0000	1.2995	1.2995	0.0000	12
KY_RS	12/14/2021	23	1.1758	0.0000	1.1758	1.1758	0.0000	12
KY_RS	12/14/2021	24	1.0384	0.0000	1.0384	1.0384	0.0000	12
KY_RS	12/15/2021	1	0.9391	0.0000	0.9391	0.9391	0.0000	12
KY_RS	12/15/2021	2	0.8830	0.0000	0.8830	0.8830	0.0000	12
KY_RS	12/15/2021	3	0.8569	0.0000	0.8569	0.8569	0.0000	12
KY_RS	12/15/2021	4	0.8472	0.0000	0.8472	0.8472	0.0000	12
KY_RS	12/15/2021	5	0.8611	0.0000	0.8611	0.8611	0.0000	12
KY_RS	12/15/2021	6	0.9284	0.0000	0.9284	0.9284	0.0000	12
KY_RS	12/15/2021	7	1.0522	0.0000	1.0522	1.0522	0.0000	12
KY_RS	12/15/2021	8	1.1068	0.0000	1.1068	1.1068	0.0000	12
KY_RS	12/15/2021	9	1.0640	0.0421	1.0219	1.0219	0.0000	12
KY_RS	12/15/2021	10	1.0265	0.2509	0.7756	0.7756	0.0000	12
KY_RS	12/15/2021	11	0.9678	0.2924	0.6754	0.6754	0.0000	12
KY_RS	12/15/2021	12	0.9369	0.4580	0.4789	0.4789	0.0000	12
KY_RS	12/15/2021	13	0.9277	1.2205	(0.2928)	0.0000	(0.2928)	12
KY_RS	12/15/2021	14	0.9007	4.1622	(3.2615)	0.0000	(3.2615)	12
KY_RS	12/15/2021	15	0.8763	3.5754	(2.6991)	0.0000	(2.6991)	12
KY_RS	12/15/2021	16	0.9023	0.8714	0.0309	0.0309	0.0000	12
KY_RS	12/15/2021	17	0.9885	0.9511	0.0374	0.0374	0.0000	12
KY_RS	12/15/2021	18	1.1764	0.0000	1.1764	1.1764	0.0000	12
KY_RS	12/15/2021	19	1.2737	0.0000	1.2737	1.2737	0.0000	12
KY_RS	12/15/2021	20	1.2901	0.0000	1.2901	1.2901	0.0000	12
KY_RS	12/15/2021	21	1.2789	0.0000	1.2789	1.2789	0.0000	12
KY_RS	12/15/2021	22	1.2159	0.0000	1.2159	1.2159	0.0000	12
KY_RS	12/15/2021	23	1.0954	0.0000	1.0954	1.0954	0.0000	12
KY_RS	12/15/2021	24	0.9493	0.0000	0.9493	0.9493	0.0000	12
KY_RS	12/16/2021	1	0.8420	0.0000	0.8420	0.8420	0.0000	12
KY_RS	12/16/2021	2	0.7758	0.0000	0.7758	0.7758	0.0000	12
KY_RS	12/16/2021	3	0.7490	0.0000	0.7490	0.7490	0.0000	12
KY_RS	12/16/2021	4	0.7373	0.0000	0.7373	0.7373	0.0000	12
KY_RS	12/16/2021	5	0.7433	0.0000	0.7433	0.7433	0.0000	12
KY_RS	12/16/2021	6	0.8001	0.0000	0.8001	0.8001	0.0000	12
KY_RS	12/16/2021	7	0.9178	0.0000	0.9178	0.9178	0.0000	12
KY_RS	12/16/2021	8	0.9696	0.0000	0.9696	0.9696	0.0000	12
KY_RS	12/16/2021	9	0.9328	0.0321	0.9007	0.9007	0.0000	12
KY_RS	12/16/2021	10	0.9254	0.1527	0.7727	0.7727	0.0000	12
KY_RS	12/16/2021	11	0.9157	1.0665	(0.1508)	0.0000	(0.1508)	12
KY_RS	12/16/2021	12	0.9167	1.5732	(0.6565)	0.0000	(0.6565)	12
KY_RS	12/16/2021	13	0.9108	0.9376	(0.0268)	0.0000	(0.0268)	12
KY_RS	12/16/2021	14	0.9050	1.3195	(0.4145)	0.0000	(0.4145)	12
KY_RS	12/16/2021	15	0.9022	0.8807	0.0215	0.0215	0.0000	12
KY_RS	12/16/2021	16	0.9644	2.2536	(1.2892)	0.0000	(1.2892)	12
KY_RS	12/16/2021	17	1.0653	0.7949	0.2703	0.2703	0.0000	12
KY_RS	12/16/2021	18	1.2189	0.0000	1.2189	1.2189	0.0000	12
KY_RS	12/16/2021	19	1.2844	0.0000	1.2844	1.2844	0.0000	12
KY_RS	12/16/2021	20	1.2985	0.0000	1.2985	1.2985	0.0000	12
KY_RS	12/16/2021	21	1.2984	0.0000	1.2984	1.2984	0.0000	12
KY_RS	12/16/2021	22	1.2482	0.0000	1.2482	1.2482	0.0000	12
KY_RS	12/16/2021	23	1.1517	0.0000	1.1517	1.1517	0.0000	12

KY_RS	12/16/2021	24	1.0298	0.0000	1.0298	1.0298	0.0000	12
KY_RS	12/17/2021	1	0.9560	0.0000	0.9560	0.9560	0.0000	12
KY_RS	12/17/2021	2	0.9293	0.0000	0.9293	0.9293	0.0000	12
KY_RS	12/17/2021	3	0.9343	0.0000	0.9343	0.9343	0.0000	12
KY_RS	12/17/2021	4	0.9662	0.0000	0.9662	0.9662	0.0000	12
KY_RS	12/17/2021	5	1.0250	0.0000	1.0250	1.0250	0.0000	12
KY_RS	12/17/2021	6	1.1257	0.0000	1.1257	1.1257	0.0000	12
KY_RS	12/17/2021	7	1.2801	0.0000	1.2801	1.2801	0.0000	12
KY_RS	12/17/2021	8	1.3690	0.0000	1.3690	1.3690	0.0000	12
KY_RS	12/17/2021	9	1.3550	0.1277	1.2273	1.2273	0.0000	12
KY_RS	12/17/2021	10	1.2948	0.6580	0.6368	0.6368	0.0000	12
KY_RS	12/17/2021	11	1.2342	1.0721	0.1621	0.1621	0.0000	12
KY_RS	12/17/2021	12	1.1822	1.3281	(0.1460)	0.0000	(0.1460)	12
KY_RS	12/17/2021	13	1.1924	3.3935	(2.2011)	0.0000	(2.2011)	12
KY_RS	12/17/2021	14	1.1547	3.3175	(2.1627)	0.0000	(2.1627)	12
KY_RS	12/17/2021	15	1.1647	1.6337	(0.4690)	0.0000	(0.4690)	12
KY_RS	12/17/2021	16	1.2367	1.7547	(0.5180)	0.0000	(0.5180)	12
KY_RS	12/17/2021	17	1.3511	0.8880	0.4631	0.4631	0.0000	12
KY_RS	12/17/2021	18	1.4857	0.0000	1.4857	1.4857	0.0000	12
KY_RS	12/17/2021	19	1.5151	0.0000	1.5151	1.5151	0.0000	12
KY_RS	12/17/2021	20	1.4888	0.0000	1.4888	1.4888	0.0000	12
KY_RS	12/17/2021	21	1.4662	0.0000	1.4662	1.4662	0.0000	12
KY_RS	12/17/2021	22	1.4074	0.0000	1.4074	1.4074	0.0000	12
KY_RS	12/17/2021	23	1.3136	0.0000	1.3136	1.3136	0.0000	12
KY_RS	12/17/2021	24	1.2060	0.0000	1.2060	1.2060	0.0000	12
KY_RS	12/18/2021	1	1.1006	0.0000	1.1006	1.1006	0.0000	12
KY_RS	12/18/2021	2	1.0175	0.0000	1.0175	1.0175	0.0000	12
KY_RS	12/18/2021	3	0.9664	0.0000	0.9664	0.9664	0.0000	12
KY_RS	12/18/2021	4	0.9422	0.0000	0.9422	0.9422	0.0000	12
KY_RS	12/18/2021	5	0.9366	0.0000	0.9366	0.9366	0.0000	12
KY_RS	12/18/2021	6	0.9498	0.0000	0.9498	0.9498	0.0000	12
KY_RS	12/18/2021	7	0.9823	0.0000	0.9823	0.9823	0.0000	12
KY_RS	12/18/2021	8	1.0362	0.0000	1.0362	1.0362	0.0000	12
KY_RS	12/18/2021	9	1.1235	0.8783	0.2453	0.2453	0.0000	12
KY_RS	12/18/2021	10	1.1886	2.5277	(1.3392)	0.0000	(1.3392)	12
KY_RS	12/18/2021	11	1.2173	3.5301	(2.3128)	0.0000	(2.3128)	12
KY_RS	12/18/2021	12	1.2251	4.1566	(2.9315)	0.0000	(2.9315)	12
KY_RS	12/18/2021	13	1.2032	4.3344	(3.1313)	0.0000	(3.1313)	12
KY_RS	12/18/2021	14	1.1936	4.1823	(2.9887)	0.0000	(2.9887)	12
KY_RS	12/18/2021	15	1.2054	3.6112	(2.4058)	0.0000	(2.4058)	12
KY_RS	12/18/2021	16	1.2409	2.6052	(1.3644)	0.0000	(1.3644)	12
KY_RS	12/18/2021	17	1.3152	1.0989	0.2162	0.2162	0.0000	12
KY_RS	12/18/2021	18	1.4249	0.0000	1.4249	1.4249	0.0000	12
KY_RS	12/18/2021	19	1.4593	0.0000	1.4593	1.4593	0.0000	12
KY_RS	12/18/2021	20	1.4538	0.0000	1.4538	1.4538	0.0000	12
KY_RS	12/18/2021	21	1.4461	0.0000	1.4461	1.4461	0.0000	12
KY_RS	12/18/2021	22	1.4281	0.0000	1.4281	1.4281	0.0000	12
KY_RS	12/18/2021	23	1.3763	0.0000	1.3763	1.3763	0.0000	12
KY_RS	12/18/2021	24	1.2870	0.0000	1.2870	1.2870	0.0000	12
KY_RS	12/19/2021	1	1.2012	0.0000	1.2012	1.2012	0.0000	12
KY_RS	12/19/2021	2	1.1479	0.0000	1.1479	1.1479	0.0000	12
KY_RS	12/19/2021	3	1.1277	0.0000	1.1277	1.1277	0.0000	12
KY_RS	12/19/2021	4	1.1212	0.0000	1.1212	1.1212	0.0000	12
KY_RS	12/19/2021	5	1.1351	0.0000	1.1351	1.1351	0.0000	12
KY_RS	12/19/2021	6	1.1727	0.0000	1.1727	1.1727	0.0000	12
KY_RS	12/19/2021	7	1.2251	0.0000	1.2251	1.2251	0.0000	12
KY_RS	12/19/2021	8	1.3186	0.0000	1.3186	1.3186	0.0000	12
KY_RS	12/19/2021	9	1.4394	0.2708	1.1686	1.1686	0.0000	12
KY_RS	12/19/2021	10	1.5389	1.2926	0.2463	0.2463	0.0000	12
KY_RS	12/19/2021	11	1.5845	1.9529	(0.3684)	0.0000	(0.3684)	12
KY_RS	12/19/2021	12	1.5615	2.4412	(0.8796)	0.0000	(0.8796)	12
KY_RS	12/19/2021	13	1.5136	2.1321	(0.6185)	0.0000	(0.6185)	12
KY_RS	12/19/2021	14	1.4814	2.9032	(1.4218)	0.0000	(1.4218)	12
KY_RS	12/19/2021	15	1.4799	1.8260	(0.3461)	0.0000	(0.3461)	12
KY_RS	12/19/2021	16	1.5196	0.7912	0.7284	0.7284	0.0000	12
KY_RS	12/19/2021	17	1.5693	0.1982	1.3711	1.3711	0.0000	12
KY_RS	12/19/2021	18	1.6760	0.0000	1.6760	1.6760	0.0000	12
KY_RS	12/19/2021	19	1.7234	0.0000	1.7234	1.7234	0.0000	12
KY_RS	12/19/2021	20	1.7313	0.0000	1.7313	1.7313	0.0000	12
KY_RS	12/19/2021	21	1.7317	0.0000	1.7317	1.7317	0.0000	12
KY_RS	12/19/2021	22	1.6772	0.0000	1.6772	1.6772	0.0000	12
KY_RS	12/19/2021	23	1.5847	0.0000	1.5847	1.5847	0.0000	12
KY_RS	12/19/2021	24	1.4767	0.0000	1.4767	1.4767	0.0000	12
KY_RS	12/20/2021	1	1.4070	0.0000	1.4070	1.4070	0.0000	12
KY_RS	12/20/2021	2	1.3696	0.0000	1.3696	1.3696	0.0000	12
KY_RS	12/20/2021	3	1.3721	0.0000	1.3721	1.3721	0.0000	12
KY_RS	12/20/2021	4	1.3899	0.0000	1.3899	1.3899	0.0000	12
KY_RS	12/20/2021	5	1.4354	0.0000	1.4354	1.4354	0.0000	12
KY_RS	12/20/2021	6	1.5160	0.0000	1.5160	1.5160	0.0000	12

KY_RS	12/20/2021	7	1.6299	0.0000	1.6299	1.6299	0.0000	12
KY_RS	12/20/2021	8	1.7133	0.0000	1.7133	1.7133	0.0000	12
KY_RS	12/20/2021	9	1.7046	0.0000	1.7046	1.7046	0.0000	12
KY_RS	12/20/2021	10	1.6016	0.4262	1.1755	1.1755	0.0000	12
KY_RS	12/20/2021	11	1.4902	0.2163	1.2739	1.2739	0.0000	12
KY_RS	12/20/2021	12	1.4019	0.2189	1.1830	1.1830	0.0000	12
KY_RS	12/20/2021	13	1.3253	0.0967	1.2286	1.2286	0.0000	12
KY_RS	12/20/2021	14	1.2541	0.5037	0.7504	0.7504	0.0000	12
KY_RS	12/20/2021	15	1.2042	0.4230	0.7811	0.7811	0.0000	12
KY_RS	12/20/2021	16	1.2040	0.0968	1.1072	1.1072	0.0000	12
KY_RS	12/20/2021	17	1.2822	0.0660	1.2162	1.2162	0.0000	12
KY_RS	12/20/2021	18	1.5144	0.0000	1.5144	1.5144	0.0000	12
KY_RS	12/20/2021	19	1.6624	0.0000	1.6624	1.6624	0.0000	12
KY_RS	12/20/2021	20	1.6963	0.0000	1.6963	1.6963	0.0000	12
KY_RS	12/20/2021	21	1.7093	0.0000	1.7093	1.7093	0.0000	12
KY_RS	12/20/2021	22	1.6687	0.0000	1.6687	1.6687	0.0000	12
KY_RS	12/20/2021	23	1.5771	0.0000	1.5771	1.5771	0.0000	12
KY_RS	12/20/2021	24	1.4689	0.0000	1.4689	1.4689	0.0000	12
KY_RS	12/21/2021	1	1.3962	0.0000	1.3962	1.3962	0.0000	12
KY_RS	12/21/2021	2	1.3633	0.0000	1.3633	1.3633	0.0000	12
KY_RS	12/21/2021	3	1.3511	0.0000	1.3511	1.3511	0.0000	12
KY_RS	12/21/2021	4	1.3647	0.0000	1.3647	1.3647	0.0000	12
KY_RS	12/21/2021	5	1.3979	0.0000	1.3979	1.3979	0.0000	12
KY_RS	12/21/2021	6	1.4699	0.0000	1.4699	1.4699	0.0000	12
KY_RS	12/21/2021	7	1.5712	0.0000	1.5712	1.5712	0.0000	12
KY_RS	12/21/2021	8	1.6614	0.0000	1.6614	1.6614	0.0000	12
KY_RS	12/21/2021	9	1.6800	0.0000	1.6800	1.6800	0.0000	12
KY_RS	12/21/2021	10	1.6091	0.0162	1.5929	1.5929	0.0000	12
KY_RS	12/21/2021	11	1.5305	0.0421	1.4884	1.4884	0.0000	12
KY_RS	12/21/2021	12	1.4601	0.1531	1.3070	1.3070	0.0000	12
KY_RS	12/21/2021	13	1.3447	0.1527	1.1920	1.1920	0.0000	12
KY_RS	12/21/2021	14	1.2604	0.3640	0.8964	0.8964	0.0000	12
KY_RS	12/21/2021	15	1.2034	0.3270	0.8764	0.8764	0.0000	12
KY_RS	12/21/2021	16	1.1991	0.4669	0.7323	0.7323	0.0000	12
KY_RS	12/21/2021	17	1.2814	0.2450	1.0365	1.0365	0.0000	12
KY_RS	12/21/2021	18	1.4977	0.0000	1.4977	1.4977	0.0000	12
KY_RS	12/21/2021	19	1.6238	0.0000	1.6238	1.6238	0.0000	12
KY_RS	12/21/2021	20	1.6442	0.0000	1.6442	1.6442	0.0000	12
KY_RS	12/21/2021	21	1.6316	0.0000	1.6316	1.6316	0.0000	12
KY_RS	12/21/2021	22	1.5907	0.0000	1.5907	1.5907	0.0000	12
KY_RS	12/21/2021	23	1.4879	0.0000	1.4879	1.4879	0.0000	12
KY_RS	12/21/2021	24	1.3603	0.0000	1.3603	1.3603	0.0000	12
KY_RS	12/22/2021	1	1.2602	0.0000	1.2602	1.2602	0.0000	12
KY_RS	12/22/2021	2	1.2125	0.0000	1.2125	1.2125	0.0000	12
KY_RS	12/22/2021	3	1.2061	0.0000	1.2061	1.2061	0.0000	12
KY_RS	12/22/2021	4	1.2228	0.0000	1.2228	1.2228	0.0000	12
KY_RS	12/22/2021	5	1.2634	0.0000	1.2634	1.2634	0.0000	12
KY_RS	12/22/2021	6	1.3445	0.0000	1.3445	1.3445	0.0000	12
KY_RS	12/22/2021	7	1.4480	0.0000	1.4480	1.4480	0.0000	12
KY_RS	12/22/2021	8	1.5419	0.0000	1.5419	1.5419	0.0000	12
KY_RS	12/22/2021	9	1.5745	0.1219	1.4526	1.4526	0.0000	12
KY_RS	12/22/2021	10	1.5267	2.2308	(0.7041)	0.0000	(0.7041)	12
KY_RS	12/22/2021	11	1.4645	1.4469	0.0176	0.0176	0.0000	12
KY_RS	12/22/2021	12	1.4178	2.4987	(1.0809)	0.0000	(1.0809)	12
KY_RS	12/22/2021	13	1.3765	2.0385	(0.6620)	0.0000	(0.6620)	12
KY_RS	12/22/2021	14	1.3286	0.9011	0.4275	0.4275	0.0000	12
KY_RS	12/22/2021	15	1.3077	1.3303	(0.0226)	0.0000	(0.0226)	12
KY_RS	12/22/2021	16	1.3365	1.7698	(0.4332)	0.0000	(0.4332)	12
KY_RS	12/22/2021	17	1.4346	0.7178	0.7168	0.7168	0.0000	12
KY_RS	12/22/2021	18	1.6513	0.0000	1.6513	1.6513	0.0000	12
KY_RS	12/22/2021	19	1.7751	0.0000	1.7751	1.7751	0.0000	12
KY_RS	12/22/2021	20	1.8015	0.0000	1.8015	1.8015	0.0000	12
KY_RS	12/22/2021	21	1.8120	0.0000	1.8120	1.8120	0.0000	12
KY_RS	12/22/2021	22	1.7841	0.0000	1.7841	1.7841	0.0000	12
KY_RS	12/22/2021	23	1.6982	0.0000	1.6982	1.6982	0.0000	12
KY_RS	12/22/2021	24	1.5888	0.0000	1.5888	1.5888	0.0000	12
KY_RS	12/23/2021	1	1.5051	0.0000	1.5051	1.5051	0.0000	12
KY_RS	12/23/2021	2	1.4618	0.0000	1.4618	1.4618	0.0000	12
KY_RS	12/23/2021	3	1.4474	0.0000	1.4474	1.4474	0.0000	12
KY_RS	12/23/2021	4	1.4460	0.0000	1.4460	1.4460	0.0000	12
KY_RS	12/23/2021	5	1.4838	0.0000	1.4838	1.4838	0.0000	12
KY_RS	12/23/2021	6	1.5491	0.0000	1.5491	1.5491	0.0000	12
KY_RS	12/23/2021	7	1.6321	0.0000	1.6321	1.6321	0.0000	12
KY_RS	12/23/2021	8	1.7129	0.0000	1.7129	1.7129	0.0000	12
KY_RS	12/23/2021	9	1.7350	0.1006	1.6344	1.6344	0.0000	12
KY_RS	12/23/2021	10	1.6726	0.7785	0.8942	0.8942	0.0000	12
KY_RS	12/23/2021	11	1.5716	1.2924	0.2791	0.2791	0.0000	12
KY_RS	12/23/2021	12	1.4875	1.6518	(0.1643)	0.0000	(0.1643)	12
KY_RS	12/23/2021	13	1.4002	1.7661	(0.3659)	0.0000	(0.3659)	12

KY_RS	12/23/2021	14	1.3133	1.6921	(0.3788)	0.0000	(0.3788)	12
KY_RS	12/23/2021	15	1.3071	0.8279	0.4792	0.4792	0.0000	12
KY_RS	12/23/2021	16	1.3598	0.7872	0.5725	0.5725	0.0000	12
KY_RS	12/23/2021	17	1.4014	1.2283	0.1731	0.1731	0.0000	12
KY_RS	12/23/2021	18	1.5072	0.0000	1.5072	1.5072	0.0000	12
KY_RS	12/23/2021	19	1.5384	0.0000	1.5384	1.5384	0.0000	12
KY_RS	12/23/2021	20	1.5140	0.0000	1.5140	1.5140	0.0000	12
KY_RS	12/23/2021	21	1.4777	0.0000	1.4777	1.4777	0.0000	12
KY_RS	12/23/2021	22	1.4194	0.0000	1.4194	1.4194	0.0000	12
KY_RS	12/23/2021	23	1.3239	0.0000	1.3239	1.3239	0.0000	12
KY_RS	12/23/2021	24	1.1915	0.0000	1.1915	1.1915	0.0000	12
KY_RS	12/24/2021	1	1.0719	0.0000	1.0719	1.0719	0.0000	12
KY_RS	12/24/2021	2	0.9918	0.0000	0.9918	0.9918	0.0000	12
KY_RS	12/24/2021	3	0.9423	0.0000	0.9423	0.9423	0.0000	12
KY_RS	12/24/2021	4	0.9236	0.0000	0.9236	0.9236	0.0000	12
KY_RS	12/24/2021	5	0.9347	0.0000	0.9347	0.9347	0.0000	12
KY_RS	12/24/2021	6	0.9759	0.0000	0.9759	0.9759	0.0000	12
KY_RS	12/24/2021	7	1.0281	0.0000	1.0281	1.0281	0.0000	12
KY_RS	12/24/2021	8	1.1042	0.0000	1.1042	1.1042	0.0000	12
KY_RS	12/24/2021	9	1.2176	0.8635	0.3541	0.3541	0.0000	12
KY_RS	12/24/2021	10	1.3111	2.6881	(1.3771)	0.0000	(1.3771)	12
KY_RS	12/24/2021	11	1.3524	2.5064	(1.1540)	0.0000	(1.1540)	12
KY_RS	12/24/2021	12	1.3780	4.5821	(3.2041)	0.0000	(3.2041)	12
KY_RS	12/24/2021	13	1.3783	4.8073	(3.4289)	0.0000	(3.4289)	12
KY_RS	12/24/2021	14	1.3622	4.6300	(3.2678)	0.0000	(3.2678)	12
KY_RS	12/24/2021	15	1.3565	4.0170	(2.6606)	0.0000	(2.6606)	12
KY_RS	12/24/2021	16	1.3350	2.9488	(1.6137)	0.0000	(1.6137)	12
KY_RS	12/24/2021	17	1.3194	1.3287	(0.0093)	0.0000	(0.0093)	12
KY_RS	12/24/2021	18	1.3283	0.0000	1.3283	1.3283	0.0000	12
KY_RS	12/24/2021	19	1.2911	0.0000	1.2911	1.2911	0.0000	12
KY_RS	12/24/2021	20	1.2416	0.0000	1.2416	1.2416	0.0000	12
KY_RS	12/24/2021	21	1.2074	0.0000	1.2074	1.2074	0.0000	12
KY_RS	12/24/2021	22	1.1694	0.0000	1.1694	1.1694	0.0000	12
KY_RS	12/24/2021	23	1.1060	0.0000	1.1060	1.1060	0.0000	12
KY_RS	12/24/2021	24	1.0083	0.0000	1.0083	1.0083	0.0000	12
KY_RS	12/25/2021	1	0.8908	0.0000	0.8908	0.8908	0.0000	12
KY_RS	12/25/2021	2	0.7976	0.0000	0.7976	0.7976	0.0000	12
KY_RS	12/25/2021	3	0.7356	0.0000	0.7356	0.7356	0.0000	12
KY_RS	12/25/2021	4	0.6986	0.0000	0.6986	0.6986	0.0000	12
KY_RS	12/25/2021	5	0.6838	0.0000	0.6838	0.6838	0.0000	12
KY_RS	12/25/2021	6	0.6939	0.0000	0.6939	0.6939	0.0000	12
KY_RS	12/25/2021	7	0.7376	0.0000	0.7376	0.7376	0.0000	12
KY_RS	12/25/2021	8	0.8359	0.0000	0.8359	0.8359	0.0000	12
KY_RS	12/25/2021	9	0.9899	0.0485	0.9413	0.9413	0.0000	12
KY_RS	12/25/2021	10	1.1227	1.7025	(0.5799)	0.0000	(0.5799)	12
KY_RS	12/25/2021	11	1.2007	1.9846	(0.7840)	0.0000	(0.7840)	12
KY_RS	12/25/2021	12	1.2206	3.0761	(1.8556)	0.0000	(1.8556)	12
KY_RS	12/25/2021	13	1.2245	3.3168	(2.0923)	0.0000	(2.0923)	12
KY_RS	12/25/2021	14	1.1912	2.2383	(1.0471)	0.0000	(1.0471)	12
KY_RS	12/25/2021	15	1.1540	0.4102	0.7438	0.7438	0.0000	12
KY_RS	12/25/2021	16	1.1287	0.0937	1.0350	1.0350	0.0000	12
KY_RS	12/25/2021	17	1.1231	0.0346	1.0885	1.0885	0.0000	12
KY_RS	12/25/2021	18	1.1550	0.0000	1.1550	1.1550	0.0000	12
KY_RS	12/25/2021	19	1.1542	0.0000	1.1542	1.1542	0.0000	12
KY_RS	12/25/2021	20	1.1294	0.0000	1.1294	1.1294	0.0000	12
KY_RS	12/25/2021	21	1.1182	0.0000	1.1182	1.1182	0.0000	12
KY_RS	12/25/2021	22	1.0832	0.0000	1.0832	1.0832	0.0000	12
KY_RS	12/25/2021	23	1.0197	0.0000	1.0197	1.0197	0.0000	12
KY_RS	12/25/2021	24	0.9218	0.0000	0.9218	0.9218	0.0000	12
KY_RS	12/26/2021	1	0.8227	0.0000	0.8227	0.8227	0.0000	12
KY_RS	12/26/2021	2	0.7529	0.0000	0.7529	0.7529	0.0000	12
KY_RS	12/26/2021	3	0.7152	0.0000	0.7152	0.7152	0.0000	12
KY_RS	12/26/2021	4	0.7014	0.0000	0.7014	0.7014	0.0000	12
KY_RS	12/26/2021	5	0.7027	0.0000	0.7027	0.7027	0.0000	12
KY_RS	12/26/2021	6	0.7323	0.0000	0.7323	0.7323	0.0000	12
KY_RS	12/26/2021	7	0.7746	0.0000	0.7746	0.7746	0.0000	12
KY_RS	12/26/2021	8	0.8490	0.0000	0.8490	0.8490	0.0000	12
KY_RS	12/26/2021	9	0.9702	0.6879	0.2823	0.2823	0.0000	12
KY_RS	12/26/2021	10	1.0898	2.4369	(1.3471)	0.0000	(1.3471)	12
KY_RS	12/26/2021	11	1.1377	3.5924	(2.4547)	0.0000	(2.4547)	12
KY_RS	12/26/2021	12	1.1342	4.2074	(3.0733)	0.0000	(3.0733)	12
KY_RS	12/26/2021	13	1.1301	4.4231	(3.2931)	0.0000	(3.2931)	12
KY_RS	12/26/2021	14	1.0968	4.2502	(3.1535)	0.0000	(3.1535)	12
KY_RS	12/26/2021	15	1.0776	3.7131	(2.6355)	0.0000	(2.6355)	12
KY_RS	12/26/2021	16	1.0638	2.7571	(1.6933)	0.0000	(1.6933)	12
KY_RS	12/26/2021	17	1.1171	1.2726	(0.1555)	0.0000	(0.1555)	12
KY_RS	12/26/2021	18	1.2442	0.0000	1.2442	1.2442	0.0000	12
KY_RS	12/26/2021	19	1.3135	0.0000	1.3135	1.3135	0.0000	12
KY_RS	12/26/2021	20	1.3114	0.0000	1.3114	1.3114	0.0000	12

KY_RS	12/26/2021	21	1.2878	0.0000	1.2878	1.2878	0.0000	12
KY_RS	12/26/2021	22	1.2283	0.0000	1.2283	1.2283	0.0000	12
KY_RS	12/26/2021	23	1.1351	0.0000	1.1351	1.1351	0.0000	12
KY_RS	12/26/2021	24	1.0145	0.0000	1.0145	1.0145	0.0000	12
KY_RS	12/27/2021	1	0.9124	0.0000	0.9124	0.9124	0.0000	12
KY_RS	12/27/2021	2	0.8424	0.0000	0.8424	0.8424	0.0000	12
KY_RS	12/27/2021	3	0.8037	0.0000	0.8037	0.8037	0.0000	12
KY_RS	12/27/2021	4	0.7752	0.0000	0.7752	0.7752	0.0000	12
KY_RS	12/27/2021	5	0.7733	0.0000	0.7733	0.7733	0.0000	12
KY_RS	12/27/2021	6	0.7926	0.0000	0.7926	0.7926	0.0000	12
KY_RS	12/27/2021	7	0.8256	0.0000	0.8256	0.8256	0.0000	12
KY_RS	12/27/2021	8	0.8676	0.0000	0.8676	0.8676	0.0000	12
KY_RS	12/27/2021	9	0.9086	0.6913	0.2173	0.2173	0.0000	12
KY_RS	12/27/2021	10	0.9487	2.3361	(1.3873)	0.0000	(1.3873)	12
KY_RS	12/27/2021	11	0.9873	3.4679	(2.4806)	0.0000	(2.4806)	12
KY_RS	12/27/2021	12	0.9980	4.1023	(3.1043)	0.0000	(3.1043)	12
KY_RS	12/27/2021	13	0.9966	4.3072	(3.3106)	0.0000	(3.3106)	12
KY_RS	12/27/2021	14	0.9774	4.1488	(3.1714)	0.0000	(3.1714)	12
KY_RS	12/27/2021	15	0.9616	3.6532	(2.6916)	0.0000	(2.6916)	12
KY_RS	12/27/2021	16	0.9648	2.7178	(1.7529)	0.0000	(1.7529)	12
KY_RS	12/27/2021	17	1.0040	1.2487	(0.2448)	0.0000	(0.2448)	12
KY_RS	12/27/2021	18	1.1420	0.0000	1.1420	1.1420	0.0000	12
KY_RS	12/27/2021	19	1.2289	0.0000	1.2289	1.2289	0.0000	12
KY_RS	12/27/2021	20	1.2097	0.0000	1.2097	1.2097	0.0000	12
KY_RS	12/27/2021	21	1.1755	0.0000	1.1755	1.1755	0.0000	12
KY_RS	12/27/2021	22	1.1070	0.0000	1.1070	1.1070	0.0000	12
KY_RS	12/27/2021	23	1.0108	0.0000	1.0108	1.0108	0.0000	12
KY_RS	12/27/2021	24	0.8923	0.0000	0.8923	0.8923	0.0000	12
KY_RS	12/28/2021	1	0.8005	0.0000	0.8005	0.8005	0.0000	12
KY_RS	12/28/2021	2	0.7519	0.0000	0.7519	0.7519	0.0000	12
KY_RS	12/28/2021	3	0.7323	0.0000	0.7323	0.7323	0.0000	12
KY_RS	12/28/2021	4	0.7375	0.0000	0.7375	0.7375	0.0000	12
KY_RS	12/28/2021	5	0.7660	0.0000	0.7660	0.7660	0.0000	12
KY_RS	12/28/2021	6	0.8254	0.0000	0.8254	0.8254	0.0000	12
KY_RS	12/28/2021	7	0.9143	0.0000	0.9143	0.9143	0.0000	12
KY_RS	12/28/2021	8	1.0123	0.0000	1.0123	1.0123	0.0000	12
KY_RS	12/28/2021	9	1.0838	0.6913	0.3925	0.3925	0.0000	12
KY_RS	12/28/2021	10	1.1442	1.6607	(0.5166)	0.0000	(0.5166)	12
KY_RS	12/28/2021	11	1.1921	3.5033	(2.3112)	0.0000	(2.3112)	12
KY_RS	12/28/2021	12	1.2638	4.1243	(2.8605)	0.0000	(2.8605)	12
KY_RS	12/28/2021	13	1.3215	3.3267	(2.0053)	0.0000	(2.0053)	12
KY_RS	12/28/2021	14	1.3016	3.6319	(2.3303)	0.0000	(2.3303)	12
KY_RS	12/28/2021	15	1.2933	2.2123	(0.9190)	0.0000	(0.9190)	12
KY_RS	12/28/2021	16	1.2825	1.1292	0.1533	0.1533	0.0000	12
KY_RS	12/28/2021	17	1.3179	0.0709	1.2470	1.2470	0.0000	12
KY_RS	12/28/2021	18	1.4356	0.0000	1.4356	1.4356	0.0000	12
KY_RS	12/28/2021	19	1.4538	0.0000	1.4538	1.4538	0.0000	12
KY_RS	12/28/2021	20	1.4158	0.0000	1.4158	1.4158	0.0000	12
KY_RS	12/28/2021	21	1.3581	0.0000	1.3581	1.3581	0.0000	12
KY_RS	12/28/2021	22	1.2738	0.0000	1.2738	1.2738	0.0000	12
KY_RS	12/28/2021	23	1.1531	0.0000	1.1531	1.1531	0.0000	12
KY_RS	12/28/2021	24	1.0142	0.0000	1.0142	1.0142	0.0000	12
KY_RS	12/29/2021	1	0.9044	0.0000	0.9044	0.9044	0.0000	12
KY_RS	12/29/2021	2	0.8276	0.0000	0.8276	0.8276	0.0000	12
KY_RS	12/29/2021	3	0.7859	0.0000	0.7859	0.7859	0.0000	12
KY_RS	12/29/2021	4	0.7674	0.0000	0.7674	0.7674	0.0000	12
KY_RS	12/29/2021	5	0.7773	0.0000	0.7773	0.7773	0.0000	12
KY_RS	12/29/2021	6	0.8134	0.0000	0.8134	0.8134	0.0000	12
KY_RS	12/29/2021	7	0.8756	0.0000	0.8756	0.8756	0.0000	12
KY_RS	12/29/2021	8	0.9412	0.0000	0.9412	0.9412	0.0000	12
KY_RS	12/29/2021	9	1.0065	0.0000	1.0065	1.0065	0.0000	12
KY_RS	12/29/2021	10	1.0667	0.0744	0.9923	0.9923	0.0000	12
KY_RS	12/29/2021	11	1.1085	0.1600	0.9484	0.9484	0.0000	12
KY_RS	12/29/2021	12	1.1168	1.7260	(0.6092)	0.0000	(0.6092)	12
KY_RS	12/29/2021	13	1.1035	1.0061	0.0974	0.0974	0.0000	12
KY_RS	12/29/2021	14	1.0742	0.7461	0.3281	0.3281	0.0000	12
KY_RS	12/29/2021	15	1.0715	3.5236	(2.4522)	0.0000	(2.4522)	12
KY_RS	12/29/2021	16	1.0981	2.5568	(1.4587)	0.0000	(1.4587)	12
KY_RS	12/29/2021	17	1.1934	1.0448	0.1487	0.1487	0.0000	12
KY_RS	12/29/2021	18	1.3471	0.0000	1.3471	1.3471	0.0000	12
KY_RS	12/29/2021	19	1.3965	0.0000	1.3965	1.3965	0.0000	12
KY_RS	12/29/2021	20	1.3814	0.0000	1.3814	1.3814	0.0000	12
KY_RS	12/29/2021	21	1.3616	0.0000	1.3616	1.3616	0.0000	12
KY_RS	12/29/2021	22	1.3045	0.0000	1.3045	1.3045	0.0000	12
KY_RS	12/29/2021	23	1.2024	0.0000	1.2024	1.2024	0.0000	12
KY_RS	12/29/2021	24	1.0867	0.0000	1.0867	1.0867	0.0000	12
KY_RS	12/30/2021	1	0.9884	0.0000	0.9884	0.9884	0.0000	12
KY_RS	12/30/2021	2	0.9233	0.0000	0.9233	0.9233	0.0000	12
KY_RS	12/30/2021	3	0.8918	0.0000	0.8918	0.8918	0.0000	12

KY_RS	12/30/2021	4	0.8819	0.0000	0.8819	0.8819	0.0000	12
KY_RS	12/30/2021	5	0.8914	0.0000	0.8914	0.8914	0.0000	12
KY_RS	12/30/2021	6	0.9337	0.0000	0.9337	0.9337	0.0000	12
KY_RS	12/30/2021	7	0.9903	0.0000	0.9903	0.9903	0.0000	12
KY_RS	12/30/2021	8	1.0522	0.0000	1.0522	1.0522	0.0000	12
KY_RS	12/30/2021	9	1.1038	0.0857	1.0181	1.0181	0.0000	12
KY_RS	12/30/2021	10	1.1342	0.3950	0.7391	0.7391	0.0000	12
KY_RS	12/30/2021	11	1.1588	0.6952	0.4636	0.4636	0.0000	12
KY_RS	12/30/2021	12	1.1689	0.8980	0.2709	0.2709	0.0000	12
KY_RS	12/30/2021	13	1.1680	0.4868	0.6811	0.6811	0.0000	12
KY_RS	12/30/2021	14	1.1646	0.4694	0.6952	0.6952	0.0000	12
KY_RS	12/30/2021	15	1.1626	1.2960	(0.1334)	0.0000	(0.1334)	12
KY_RS	12/30/2021	16	1.1822	0.8689	0.3133	0.3133	0.0000	12
KY_RS	12/30/2021	17	1.2339	1.3707	(0.1368)	0.0000	(0.1368)	12
KY_RS	12/30/2021	18	1.3337	0.0000	1.3337	1.3337	0.0000	12
KY_RS	12/30/2021	19	1.3558	0.0000	1.3558	1.3558	0.0000	12
KY_RS	12/30/2021	20	1.3257	0.0000	1.3257	1.3257	0.0000	12
KY_RS	12/30/2021	21	1.2956	0.0000	1.2956	1.2956	0.0000	12
KY_RS	12/30/2021	22	1.2404	0.0000	1.2404	1.2404	0.0000	12
KY_RS	12/30/2021	23	1.1610	0.0000	1.1610	1.1610	0.0000	12
KY_RS	12/30/2021	24	1.0559	0.0000	1.0559	1.0559	0.0000	12
KY_RS	12/31/2021	1	0.9598	0.0000	0.9598	0.9598	0.0000	12
KY_RS	12/31/2021	2	0.8882	0.0000	0.8882	0.8882	0.0000	12
KY_RS	12/31/2021	3	0.8463	0.0000	0.8463	0.8463	0.0000	12
KY_RS	12/31/2021	4	0.8259	0.0000	0.8259	0.8259	0.0000	12
KY_RS	12/31/2021	5	0.8321	0.0000	0.8321	0.8321	0.0000	12
KY_RS	12/31/2021	6	0.8601	0.0000	0.8601	0.8601	0.0000	12
KY_RS	12/31/2021	7	0.8981	0.0000	0.8981	0.8981	0.0000	12
KY_RS	12/31/2021	8	0.9444	0.0000	0.9444	0.9444	0.0000	12
KY_RS	12/31/2021	9	1.0203	0.5883	0.4320	0.4320	0.0000	12
KY_RS	12/31/2021	10	1.0872	2.2852	(1.1980)	0.0000	(1.1980)	12
KY_RS	12/31/2021	11	1.1436	3.4870	(2.3434)	0.0000	(2.3434)	12
KY_RS	12/31/2021	12	1.1707	4.2289	(3.0582)	0.0000	(3.0582)	12
KY_RS	12/31/2021	13	1.1750	4.4840	(3.3090)	0.0000	(3.3090)	12
KY_RS	12/31/2021	14	1.1472	4.3387	(3.1914)	0.0000	(3.1914)	12
KY_RS	12/31/2021	15	1.1225	3.7373	(2.6148)	0.0000	(2.6148)	12
KY_RS	12/31/2021	16	1.1252	1.6442	(0.5190)	0.0000	(0.5190)	12
KY_RS	12/31/2021	17	1.1301	1.2490	(0.1190)	0.0000	(0.1190)	12
KY_RS	12/31/2021	18	1.2230	0.0000	1.2230	1.2230	0.0000	12
KY_RS	12/31/2021	19	1.2604	0.0000	1.2604	1.2604	0.0000	12
KY_RS	12/31/2021	20	1.2132	0.0000	1.2132	1.2132	0.0000	12
KY_RS	12/31/2021	21	1.1341	0.0000	1.1341	1.1341	0.0000	12
KY_RS	12/31/2021	22	1.0649	0.0000	1.0649	1.0649	0.0000	12
KY_RS	12/31/2021	23	0.9904	0.0000	0.9904	0.9904	0.0000	12
KY_RS	12/31/2021	24	0.9128	0.0000	0.9128	0.9128	0.0000	12
KY_RS	01/01/2022	1	0.8330	0.0000	0.8330	0.8330	0.0000	1
KY_RS	01/01/2022	2	0.7678	0.0000	0.7678	0.7678	0.0000	1
KY_RS	01/01/2022	3	0.7068	0.0000	0.7068	0.7068	0.0000	1
KY_RS	01/01/2022	4	0.6661	0.0000	0.6661	0.6661	0.0000	1
KY_RS	01/01/2022	5	0.6459	0.0000	0.6459	0.6459	0.0000	1
KY_RS	01/01/2022	6	0.6509	0.0000	0.6509	0.6509	0.0000	1
KY_RS	01/01/2022	7	0.6684	0.0000	0.6684	0.6684	0.0000	1
KY_RS	01/01/2022	8	0.7050	0.0000	0.7050	0.7050	0.0000	1
KY_RS	01/01/2022	9	0.7840	0.4746	0.3093	0.3093	0.0000	1
KY_RS	01/01/2022	10	0.8883	1.9914	(1.1031)	0.0000	(1.1031)	1
KY_RS	01/01/2022	11	0.9963	3.0539	(2.0577)	0.0000	(2.0577)	1
KY_RS	01/01/2022	12	1.0786	3.6453	(2.5668)	0.0000	(2.5668)	1
KY_RS	01/01/2022	13	1.1394	2.8598	(1.7205)	0.0000	(1.7205)	1
KY_RS	01/01/2022	14	1.1491	3.6720	(2.5229)	0.0000	(2.5229)	1
KY_RS	01/01/2022	15	1.1584	2.3223	(1.1638)	0.0000	(1.1638)	1
KY_RS	01/01/2022	16	1.1558	0.8086	0.3473	0.3473	0.0000	1
KY_RS	01/01/2022	17	1.1952	0.0000	1.1952	1.1952	0.0000	1
KY_RS	01/01/2022	18	1.2756	0.0000	1.2756	1.2756	0.0000	1
KY_RS	01/01/2022	19	1.2825	0.0000	1.2825	1.2825	0.0000	1
KY_RS	01/01/2022	20	1.2482	0.0000	1.2482	1.2482	0.0000	1
KY_RS	01/01/2022	21	1.1957	0.0000	1.1957	1.1957	0.0000	1
KY_RS	01/01/2022	22	1.1350	0.0000	1.1350	1.1350	0.0000	1
KY_RS	01/01/2022	23	1.0503	0.0000	1.0503	1.0503	0.0000	1
KY_RS	01/01/2022	24	0.9504	0.0000	0.9504	0.9504	0.0000	1
KY_RS	01/02/2022	1	0.8569	0.0000	0.8569	0.8569	0.0000	1
KY_RS	01/02/2022	2	0.7908	0.0000	0.7908	0.7908	0.0000	1
KY_RS	01/02/2022	3	0.7693	0.0000	0.7693	0.7693	0.0000	1
KY_RS	01/02/2022	4	0.7801	0.0000	0.7801	0.7801	0.0000	1
KY_RS	01/02/2022	5	0.7904	0.0000	0.7904	0.7904	0.0000	1
KY_RS	01/02/2022	6	0.8363	0.0000	0.8363	0.8363	0.0000	1
KY_RS	01/02/2022	7	0.9042	0.0000	0.9042	0.9042	0.0000	1
KY_RS	01/02/2022	8	1.0085	0.0000	1.0085	1.0085	0.0000	1
KY_RS	01/02/2022	9	1.1534	0.2059	0.9475	0.9475	0.0000	1
KY_RS	01/02/2022	10	1.3067	1.9540	(0.6473)	0.0000	(0.6473)	1

KY_RS	01/02/2022	11	1.4271	0.6258	0.8012	0.8012	0.0000	1
KY_RS	01/02/2022	12	1.5110	0.3253	1.1857	1.1857	0.0000	1
KY_RS	01/02/2022	13	1.5911	1.8391	(0.2479)	0.0000	(0.2479)	1
KY_RS	01/02/2022	14	1.6200	0.3605	1.2595	1.2595	0.0000	1
KY_RS	01/02/2022	15	1.6439	0.3792	1.2647	1.2647	0.0000	1
KY_RS	01/02/2022	16	1.6563	0.3229	1.3334	1.3334	0.0000	1
KY_RS	01/02/2022	17	1.7319	0.0000	1.7319	1.7319	0.0000	1
KY_RS	01/02/2022	18	1.8660	0.0000	1.8660	1.8660	0.0000	1
KY_RS	01/02/2022	19	1.9334	0.0000	1.9334	1.9334	0.0000	1
KY_RS	01/02/2022	20	1.9320	0.0000	1.9320	1.9320	0.0000	1
KY_RS	01/02/2022	21	1.8918	0.0000	1.8918	1.8918	0.0000	1
KY_RS	01/02/2022	22	1.7885	0.0000	1.7885	1.7885	0.0000	1
KY_RS	01/02/2022	23	1.6525	0.0000	1.6525	1.6525	0.0000	1
KY_RS	01/02/2022	24	1.5183	0.0000	1.5183	1.5183	0.0000	1
KY_RS	01/03/2022	1	1.4191	0.0000	1.4191	1.4191	0.0000	1
KY_RS	01/03/2022	2	1.3739	0.0000	1.3739	1.3739	0.0000	1
KY_RS	01/03/2022	3	1.3584	0.0000	1.3584	1.3584	0.0000	1
KY_RS	01/03/2022	4	1.3696	0.0000	1.3696	1.3696	0.0000	1
KY_RS	01/03/2022	5	1.4141	0.0000	1.4141	1.4141	0.0000	1
KY_RS	01/03/2022	6	1.5010	0.0000	1.5010	1.5010	0.0000	1
KY_RS	01/03/2022	7	1.6374	0.0000	1.6374	1.6374	0.0000	1
KY_RS	01/03/2022	8	1.7146	0.0000	1.7146	1.7146	0.0000	1
KY_RS	01/03/2022	9	1.7157	0.0000	1.7157	1.7157	0.0000	1
KY_RS	01/03/2022	10	1.6427	0.2461	1.3966	1.3966	0.0000	1
KY_RS	01/03/2022	11	1.5726	0.1180	1.4546	1.4546	0.0000	1
KY_RS	01/03/2022	12	1.5213	0.0523	1.4690	1.4690	0.0000	1
KY_RS	01/03/2022	13	1.4642	0.1733	1.2909	1.2909	0.0000	1
KY_RS	01/03/2022	14	1.4057	0.4354	0.9703	0.9703	0.0000	1
KY_RS	01/03/2022	15	1.3556	0.5490	0.8067	0.8067	0.0000	1
KY_RS	01/03/2022	16	1.3672	0.0106	1.3566	1.3566	0.0000	1
KY_RS	01/03/2022	17	1.4688	0.0095	1.4593	1.4593	0.0000	1
KY_RS	01/03/2022	18	1.7044	0.0000	1.7044	1.7044	0.0000	1
KY_RS	01/03/2022	19	1.8523	0.0000	1.8523	1.8523	0.0000	1
KY_RS	01/03/2022	20	1.8796	0.0000	1.8796	1.8796	0.0000	1
KY_RS	01/03/2022	21	1.8739	0.0000	1.8739	1.8739	0.0000	1
KY_RS	01/03/2022	22	1.8061	0.0000	1.8061	1.8061	0.0000	1
KY_RS	01/03/2022	23	1.6994	0.0000	1.6994	1.6994	0.0000	1
KY_RS	01/03/2022	24	1.5828	0.0000	1.5828	1.5828	0.0000	1
KY_RS	01/04/2022	1	1.5213	0.0000	1.5213	1.5213	0.0000	1
KY_RS	01/04/2022	2	1.4951	0.0000	1.4951	1.4951	0.0000	1
KY_RS	01/04/2022	3	1.4949	0.0000	1.4949	1.4949	0.0000	1
KY_RS	01/04/2022	4	1.5132	0.0000	1.5132	1.5132	0.0000	1
KY_RS	01/04/2022	5	1.5574	0.0000	1.5574	1.5574	0.0000	1
KY_RS	01/04/2022	6	1.6463	0.0000	1.6463	1.6463	0.0000	1
KY_RS	01/04/2022	7	1.7796	0.0000	1.7796	1.7796	0.0000	1
KY_RS	01/04/2022	8	1.8371	0.0000	1.8371	1.8371	0.0000	1
KY_RS	01/04/2022	9	1.7908	0.0000	1.7908	1.7908	0.0000	1
KY_RS	01/04/2022	10	1.6490	0.1752	1.4738	1.4738	0.0000	1
KY_RS	01/04/2022	11	1.5189	0.1189	1.4000	1.4000	0.0000	1
KY_RS	01/04/2022	12	1.4261	0.1578	1.2683	1.2683	0.0000	1
KY_RS	01/04/2022	13	1.3550	0.9288	0.4262	0.4262	0.0000	1
KY_RS	01/04/2022	14	1.2756	0.3655	0.9100	0.9100	0.0000	1
KY_RS	01/04/2022	15	1.2157	0.5757	0.6399	0.6399	0.0000	1
KY_RS	01/04/2022	16	1.2243	0.2191	1.0052	1.0052	0.0000	1
KY_RS	01/04/2022	17	1.3188	0.0671	1.2517	1.2517	0.0000	1
KY_RS	01/04/2022	18	1.5279	0.0000	1.5279	1.5279	0.0000	1
KY_RS	01/04/2022	19	1.6595	0.0000	1.6595	1.6595	0.0000	1
KY_RS	01/04/2022	20	1.6750	0.0000	1.6750	1.6750	0.0000	1
KY_RS	01/04/2022	21	1.6527	0.0000	1.6527	1.6527	0.0000	1
KY_RS	01/04/2022	22	1.5691	0.0000	1.5691	1.5691	0.0000	1
KY_RS	01/04/2022	23	1.4276	0.0000	1.4276	1.4276	0.0000	1
KY_RS	01/04/2022	24	1.2967	0.0000	1.2967	1.2967	0.0000	1
KY_RS	01/05/2022	1	1.1941	0.0000	1.1941	1.1941	0.0000	1
KY_RS	01/05/2022	2	1.1436	0.0000	1.1436	1.1436	0.0000	1
KY_RS	01/05/2022	3	1.1142	0.0000	1.1142	1.1142	0.0000	1
KY_RS	01/05/2022	4	1.1066	0.0000	1.1066	1.1066	0.0000	1
KY_RS	01/05/2022	5	1.1298	0.0000	1.1298	1.1298	0.0000	1
KY_RS	01/05/2022	6	1.2091	0.0000	1.2091	1.2091	0.0000	1
KY_RS	01/05/2022	7	1.3272	0.0000	1.3272	1.3272	0.0000	1
KY_RS	01/05/2022	8	1.3720	0.0000	1.3720	1.3720	0.0000	1
KY_RS	01/05/2022	9	1.3520	0.0631	1.2889	1.2889	0.0000	1
KY_RS	01/05/2022	10	1.3074	0.4624	0.8450	0.8450	0.0000	1
KY_RS	01/05/2022	11	1.2342	0.6483	0.5858	0.5858	0.0000	1
KY_RS	01/05/2022	12	1.1836	1.2870	(0.1034)	0.0000	(0.1034)	1
KY_RS	01/05/2022	13	1.1643	1.2088	(0.0445)	0.0000	(0.0445)	1
KY_RS	01/05/2022	14	1.1284	2.6703	(1.5419)	0.0000	(1.5419)	1
KY_RS	01/05/2022	15	1.1189	1.7414	(0.6226)	0.0000	(0.6226)	1
KY_RS	01/05/2022	16	1.1414	1.2258	(0.0844)	0.0000	(0.0844)	1
KY_RS	01/05/2022	17	1.2794	0.4057	0.8736	0.8736	0.0000	1

KY_RS	01/05/2022	18	1.5206	0.0000	1.5206	1.5206	0.0000	1
KY_RS	01/05/2022	19	1.6592	0.0000	1.6592	1.6592	0.0000	1
KY_RS	01/05/2022	20	1.6998	0.0000	1.6998	1.6998	0.0000	1
KY_RS	01/05/2022	21	1.7085	0.0000	1.7085	1.7085	0.0000	1
KY_RS	01/05/2022	22	1.6592	0.0000	1.6592	1.6592	0.0000	1
KY_RS	01/05/2022	23	1.5622	0.0000	1.5622	1.5622	0.0000	1
KY_RS	01/05/2022	24	1.4884	0.0000	1.4884	1.4884	0.0000	1
KY_RS	01/06/2022	1	1.4376	0.0000	1.4376	1.4376	0.0000	1
KY_RS	01/06/2022	2	1.4344	0.0000	1.4344	1.4344	0.0000	1
KY_RS	01/06/2022	3	1.4552	0.0000	1.4552	1.4552	0.0000	1
KY_RS	01/06/2022	4	1.4941	0.0000	1.4941	1.4941	0.0000	1
KY_RS	01/06/2022	5	1.5611	0.0000	1.5611	1.5611	0.0000	1
KY_RS	01/06/2022	6	1.6588	0.0000	1.6588	1.6588	0.0000	1
KY_RS	01/06/2022	7	1.7955	0.0000	1.7955	1.7955	0.0000	1
KY_RS	01/06/2022	8	1.8444	0.0000	1.8444	1.8444	0.0000	1
KY_RS	01/06/2022	9	1.8321	0.6569	1.1752	1.1752	0.0000	1
KY_RS	01/06/2022	10	1.8151	2.3648	(0.5497)	0.0000	(0.5497)	1
KY_RS	01/06/2022	11	1.7982	3.5231	(1.7249)	0.0000	(1.7249)	1
KY_RS	01/06/2022	12	1.7912	4.1608	(2.3695)	0.0000	(2.3695)	1
KY_RS	01/06/2022	13	1.8078	4.4021	(2.5943)	0.0000	(2.5943)	1
KY_RS	01/06/2022	14	1.8098	4.2630	(2.4533)	0.0000	(2.4533)	1
KY_RS	01/06/2022	15	1.8505	3.7564	(1.9059)	0.0000	(1.9059)	1
KY_RS	01/06/2022	16	1.9388	2.8410	(0.9022)	0.0000	(0.9022)	1
KY_RS	01/06/2022	17	2.0705	1.4377	0.6329	0.6329	0.0000	1
KY_RS	01/06/2022	18	2.2257	0.0000	2.2257	2.2257	0.0000	1
KY_RS	01/06/2022	19	2.2646	0.0000	2.2646	2.2646	0.0000	1
KY_RS	01/06/2022	20	2.2274	0.0000	2.2274	2.2274	0.0000	1
KY_RS	01/06/2022	21	2.1705	0.0000	2.1705	2.1705	0.0000	1
KY_RS	01/06/2022	22	2.0785	0.0000	2.0785	2.0785	0.0000	1
KY_RS	01/06/2022	23	1.9648	0.0000	1.9648	1.9648	0.0000	1
KY_RS	01/06/2022	24	1.8658	0.0000	1.8658	1.8658	0.0000	1
KY_RS	01/07/2022	1	1.8030	0.0000	1.8030	1.8030	0.0000	1
KY_RS	01/07/2022	2	1.7664	0.0000	1.7664	1.7664	0.0000	1
KY_RS	01/07/2022	3	1.7628	0.0000	1.7628	1.7628	0.0000	1
KY_RS	01/07/2022	4	1.7857	0.0000	1.7857	1.7857	0.0000	1
KY_RS	01/07/2022	5	1.8311	0.0000	1.8311	1.8311	0.0000	1
KY_RS	01/07/2022	6	1.9277	0.0000	1.9277	1.9277	0.0000	1
KY_RS	01/07/2022	7	2.0283	0.0000	2.0283	2.0283	0.0000	1
KY_RS	01/07/2022	8	2.1236	0.0000	2.1236	2.1236	0.0000	1
KY_RS	01/07/2022	9	2.1676	0.6512	1.5164	1.5164	0.0000	1
KY_RS	01/07/2022	10	2.1684	2.3767	(0.2083)	0.0000	(0.2083)	1
KY_RS	01/07/2022	11	2.1162	3.5851	(1.4690)	0.0000	(1.4690)	1
KY_RS	01/07/2022	12	2.1154	4.3105	(2.1951)	0.0000	(2.1951)	1
KY_RS	01/07/2022	13	2.0998	4.6175	(2.5177)	0.0000	(2.5177)	1
KY_RS	01/07/2022	14	2.0486	4.5131	(2.4645)	0.0000	(2.4645)	1
KY_RS	01/07/2022	15	2.0232	3.9884	(1.9652)	0.0000	(1.9652)	1
KY_RS	01/07/2022	16	2.0290	3.0833	(1.0543)	0.0000	(1.0543)	1
KY_RS	01/07/2022	17	2.0774	1.6198	0.4576	0.4576	0.0000	1
KY_RS	01/07/2022	18	2.2184	0.0000	2.2184	2.2184	0.0000	1
KY_RS	01/07/2022	19	2.3075	0.0000	2.3075	2.3075	0.0000	1
KY_RS	01/07/2022	20	2.3138	0.0000	2.3138	2.3138	0.0000	1
KY_RS	01/07/2022	21	2.2773	0.0000	2.2773	2.2773	0.0000	1
KY_RS	01/07/2022	22	2.2051	0.0000	2.2051	2.2051	0.0000	1
KY_RS	01/07/2022	23	2.1360	0.0000	2.1360	2.1360	0.0000	1
KY_RS	01/07/2022	24	2.0720	0.0000	2.0720	2.0720	0.0000	1
KY_RS	01/08/2022	1	2.0152	0.0000	2.0152	2.0152	0.0000	1
KY_RS	01/08/2022	2	1.9899	0.0000	1.9899	1.9899	0.0000	1
KY_RS	01/08/2022	3	1.9778	0.0000	1.9778	1.9778	0.0000	1
KY_RS	01/08/2022	4	1.9864	0.0000	1.9864	1.9864	0.0000	1
KY_RS	01/08/2022	5	2.0030	0.0000	2.0030	2.0030	0.0000	1
KY_RS	01/08/2022	6	2.0323	0.0000	2.0323	2.0323	0.0000	1
KY_RS	01/08/2022	7	2.0858	0.0000	2.0858	2.0858	0.0000	1
KY_RS	01/08/2022	8	2.1514	0.0000	2.1514	2.1514	0.0000	1
KY_RS	01/08/2022	9	2.2001	0.2117	1.9885	1.9885	0.0000	1
KY_RS	01/08/2022	10	2.1289	1.1150	1.0139	1.0139	0.0000	1
KY_RS	01/08/2022	11	2.0180	1.4124	0.6056	0.6056	0.0000	1
KY_RS	01/08/2022	12	1.9142	2.4403	(0.5262)	0.0000	(0.5262)	1
KY_RS	01/08/2022	13	1.8158	1.0755	0.7403	0.7403	0.0000	1
KY_RS	01/08/2022	14	1.7134	1.7840	(0.0706)	0.0000	(0.0706)	1
KY_RS	01/08/2022	15	1.7004	1.6863	0.0141	0.0141	0.0000	1
KY_RS	01/08/2022	16	1.7007	0.0804	1.6202	1.6202	0.0000	1
KY_RS	01/08/2022	17	1.7328	0.0000	1.7328	1.7328	0.0000	1
KY_RS	01/08/2022	18	1.7959	0.0000	1.7959	1.7959	0.0000	1
KY_RS	01/08/2022	19	1.7997	0.0000	1.7997	1.7997	0.0000	1
KY_RS	01/08/2022	20	1.7242	0.0000	1.7242	1.7242	0.0000	1
KY_RS	01/08/2022	21	1.6684	0.0000	1.6684	1.6684	0.0000	1
KY_RS	01/08/2022	22	1.5957	0.0000	1.5957	1.5957	0.0000	1
KY_RS	01/08/2022	23	1.5056	0.0000	1.5056	1.5056	0.0000	1
KY_RS	01/08/2022	24	1.3947	0.0000	1.3947	1.3947	0.0000	1

KY_RS	01/09/2022	1	1.2792	0.0000	1.2792	1.2792	0.0000	1
KY_RS	01/09/2022	2	1.2063	0.0000	1.2063	1.2063	0.0000	1
KY_RS	01/09/2022	3	1.1674	0.0000	1.1674	1.1674	0.0000	1
KY_RS	01/09/2022	4	1.1507	0.0000	1.1507	1.1507	0.0000	1
KY_RS	01/09/2022	5	1.1578	0.0000	1.1578	1.1578	0.0000	1
KY_RS	01/09/2022	6	1.1364	0.0000	1.1364	1.1364	0.0000	1
KY_RS	01/09/2022	7	1.1446	0.0000	1.1446	1.1446	0.0000	1
KY_RS	01/09/2022	8	1.1958	0.0000	1.1958	1.1958	0.0000	1
KY_RS	01/09/2022	9	1.2800	0.0343	1.2457	1.2457	0.0000	1
KY_RS	01/09/2022	10	1.3658	0.2999	1.0659	1.0659	0.0000	1
KY_RS	01/09/2022	11	1.4414	0.5534	0.8880	0.8880	0.0000	1
KY_RS	01/09/2022	12	1.4980	0.1785	1.3195	1.3195	0.0000	1
KY_RS	01/09/2022	13	1.5615	0.6012	0.9602	0.9602	0.0000	1
KY_RS	01/09/2022	14	1.5873	1.0946	0.4927	0.4927	0.0000	1
KY_RS	01/09/2022	15	1.5676	0.4833	1.0842	1.0842	0.0000	1
KY_RS	01/09/2022	16	1.5784	0.3039	1.2745	1.2745	0.0000	1
KY_RS	01/09/2022	17	1.6545	1.0345	0.6200	0.6200	0.0000	1
KY_RS	01/09/2022	18	1.8030	0.0000	1.8030	1.8030	0.0000	1
KY_RS	01/09/2022	19	1.8834	0.0000	1.8834	1.8834	0.0000	1
KY_RS	01/09/2022	20	1.8841	0.0000	1.8841	1.8841	0.0000	1
KY_RS	01/09/2022	21	1.8726	0.0000	1.8726	1.8726	0.0000	1
KY_RS	01/09/2022	22	1.8025	0.0000	1.8025	1.8025	0.0000	1
KY_RS	01/09/2022	23	1.6864	0.0000	1.6864	1.6864	0.0000	1
KY_RS	01/09/2022	24	1.5709	0.0000	1.5709	1.5709	0.0000	1
KY_RS	01/10/2022	1	1.5157	0.0000	1.5157	1.5157	0.0000	1
KY_RS	01/10/2022	2	1.4953	0.0000	1.4953	1.4953	0.0000	1
KY_RS	01/10/2022	3	1.5051	0.0000	1.5051	1.5051	0.0000	1
KY_RS	01/10/2022	4	1.5344	0.0000	1.5344	1.5344	0.0000	1
KY_RS	01/10/2022	5	1.5925	0.0000	1.5925	1.5925	0.0000	1
KY_RS	01/10/2022	6	1.6989	0.0000	1.6989	1.6989	0.0000	1
KY_RS	01/10/2022	7	1.8498	0.0000	1.8498	1.8498	0.0000	1
KY_RS	01/10/2022	8	1.9248	0.0000	1.9248	1.9248	0.0000	1
KY_RS	01/10/2022	9	1.8976	0.0000	1.8976	1.8976	0.0000	1
KY_RS	01/10/2022	10	1.8832	2.1572	(0.2740)	0.0000	(0.2740)	1
KY_RS	01/10/2022	11	1.8568	0.5207	1.3360	1.3360	0.0000	1
KY_RS	01/10/2022	12	1.7448	0.2043	1.5405	1.5405	0.0000	1
KY_RS	01/10/2022	13	1.6905	4.2705	(2.5800)	0.0000	(2.5800)	1
KY_RS	01/10/2022	14	1.6185	4.3096	(2.6911)	0.0000	(2.6911)	1
KY_RS	01/10/2022	15	1.5557	3.8497	(2.2940)	0.0000	(2.2940)	1
KY_RS	01/10/2022	16	1.5544	2.9606	(1.4061)	0.0000	(1.4061)	1
KY_RS	01/10/2022	17	1.6598	1.5387	0.1211	0.1211	0.0000	1
KY_RS	01/10/2022	18	1.8909	0.0000	1.8909	1.8909	0.0000	1
KY_RS	01/10/2022	19	2.0314	0.0000	2.0314	2.0314	0.0000	1
KY_RS	01/10/2022	20	2.0453	0.0000	2.0453	2.0453	0.0000	1
KY_RS	01/10/2022	21	2.0131	0.0000	2.0131	2.0131	0.0000	1
KY_RS	01/10/2022	22	1.9380	0.0000	1.9380	1.9380	0.0000	1
KY_RS	01/10/2022	23	1.8351	0.0000	1.8351	1.8351	0.0000	1
KY_RS	01/10/2022	24	1.7340	0.0000	1.7340	1.7340	0.0000	1
KY_RS	01/11/2022	1	1.6821	0.0000	1.6821	1.6821	0.0000	1
KY_RS	01/11/2022	2	1.6716	0.0000	1.6716	1.6716	0.0000	1
KY_RS	01/11/2022	3	1.6876	0.0000	1.6876	1.6876	0.0000	1
KY_RS	01/11/2022	4	1.7222	0.0000	1.7222	1.7222	0.0000	1
KY_RS	01/11/2022	5	1.7832	0.0000	1.7832	1.7832	0.0000	1
KY_RS	01/11/2022	6	1.8855	0.0000	1.8855	1.8855	0.0000	1
KY_RS	01/11/2022	7	2.0377	0.0000	2.0377	2.0377	0.0000	1
KY_RS	01/11/2022	8	2.1290	0.0000	2.1290	2.1290	0.0000	1
KY_RS	01/11/2022	9	2.0886	0.6955	1.3932	1.3932	0.0000	1
KY_RS	01/11/2022	10	1.9480	2.4333	(0.4853)	0.0000	(0.4853)	1
KY_RS	01/11/2022	11	1.8066	3.6039	(1.7973)	0.0000	(1.7973)	1
KY_RS	01/11/2022	12	1.7087	4.2692	(2.5604)	0.0000	(2.5604)	1
KY_RS	01/11/2022	13	1.6309	4.5365	(2.9056)	0.0000	(2.9056)	1
KY_RS	01/11/2022	14	1.5495	4.4551	(2.9056)	0.0000	(2.9056)	1
KY_RS	01/11/2022	15	1.4899	3.9477	(2.4577)	0.0000	(2.4577)	1
KY_RS	01/11/2022	16	1.4891	3.0227	(1.5336)	0.0000	(1.5336)	1
KY_RS	01/11/2022	17	1.5775	1.5862	(0.0087)	0.0000	(0.0087)	1
KY_RS	01/11/2022	18	1.7864	0.0000	1.7864	1.7864	0.0000	1
KY_RS	01/11/2022	19	1.9278	0.0000	1.9278	1.9278	0.0000	1
KY_RS	01/11/2022	20	1.9519	0.0000	1.9519	1.9519	0.0000	1
KY_RS	01/11/2022	21	1.9324	0.0000	1.9324	1.9324	0.0000	1
KY_RS	01/11/2022	22	1.8525	0.0000	1.8525	1.8525	0.0000	1
KY_RS	01/11/2022	23	1.6936	0.0000	1.6936	1.6936	0.0000	1
KY_RS	01/11/2022	24	1.5437	0.0000	1.5437	1.5437	0.0000	1
KY_RS	01/12/2022	1	1.4576	0.0000	1.4576	1.4576	0.0000	1
KY_RS	01/12/2022	2	1.4098	0.0000	1.4098	1.4098	0.0000	1
KY_RS	01/12/2022	3	1.3812	0.0000	1.3812	1.3812	0.0000	1
KY_RS	01/12/2022	4	1.3740	0.0000	1.3740	1.3740	0.0000	1
KY_RS	01/12/2022	5	1.3806	0.0000	1.3806	1.3806	0.0000	1
KY_RS	01/12/2022	6	1.4332	0.0000	1.4332	1.4332	0.0000	1
KY_RS	01/12/2022	7	1.5378	0.0000	1.5378	1.5378	0.0000	1

KY_RS	01/12/2022	8	1.5926	0.0000	1.5926	1.5926	0.0000	1
KY_RS	01/12/2022	9	1.5664	0.6959	0.8705	0.8705	0.0000	1
KY_RS	01/12/2022	10	1.4746	2.3825	(0.9079)	0.0000	(0.9079)	1
KY_RS	01/12/2022	11	1.3631	3.5210	(2.1580)	0.0000	(2.1580)	1
KY_RS	01/12/2022	12	1.2883	3.5622	(2.2740)	0.0000	(2.2740)	1
KY_RS	01/12/2022	13	1.2425	3.5117	(2.2692)	0.0000	(2.2692)	1
KY_RS	01/12/2022	14	1.2303	3.5128	(2.2825)	0.0000	(2.2825)	1
KY_RS	01/12/2022	15	1.1898	2.6869	(1.4970)	0.0000	(1.4970)	1
KY_RS	01/12/2022	16	1.2125	1.9422	(0.7296)	0.0000	(0.7296)	1
KY_RS	01/12/2022	17	1.3113	1.5860	(0.2746)	0.0000	(0.2746)	1
KY_RS	01/12/2022	18	1.4573	0.0000	1.4573	1.4573	0.0000	1
KY_RS	01/12/2022	19	1.5581	0.0000	1.5581	1.5581	0.0000	1
KY_RS	01/12/2022	20	1.5589	0.0000	1.5589	1.5589	0.0000	1
KY_RS	01/12/2022	21	1.5291	0.0000	1.5291	1.5291	0.0000	1
KY_RS	01/12/2022	22	1.4602	0.0000	1.4602	1.4602	0.0000	1
KY_RS	01/12/2022	23	1.3451	0.0000	1.3451	1.3451	0.0000	1
KY_RS	01/12/2022	24	1.2393	0.0000	1.2393	1.2393	0.0000	1
KY_RS	01/13/2022	1	1.1682	0.0000	1.1682	1.1682	0.0000	1
KY_RS	01/13/2022	2	1.1292	0.0000	1.1292	1.1292	0.0000	1
KY_RS	01/13/2022	3	1.1224	0.0000	1.1224	1.1224	0.0000	1
KY_RS	01/13/2022	4	1.1407	0.0000	1.1407	1.1407	0.0000	1
KY_RS	01/13/2022	5	1.1774	0.0000	1.1774	1.1774	0.0000	1
KY_RS	01/13/2022	6	1.2587	0.0000	1.2587	1.2587	0.0000	1
KY_RS	01/13/2022	7	1.3850	0.0000	1.3850	1.3850	0.0000	1
KY_RS	01/13/2022	8	1.4504	0.0000	1.4504	1.4504	0.0000	1
KY_RS	01/13/2022	9	1.4423	0.6354	0.8069	0.8069	0.0000	1
KY_RS	01/13/2022	10	1.3504	0.7367	0.6137	0.6137	0.0000	1
KY_RS	01/13/2022	11	1.2586	1.1190	0.1397	0.1397	0.0000	1
KY_RS	01/13/2022	12	1.2515	1.0922	0.1594	0.1594	0.0000	1
KY_RS	01/13/2022	13	1.2328	1.9101	(0.6773)	0.0000	(0.6773)	1
KY_RS	01/13/2022	14	1.1868	1.7459	(0.5591)	0.0000	(0.5591)	1
KY_RS	01/13/2022	15	1.1335	0.8949	0.2386	0.2386	0.0000	1
KY_RS	01/13/2022	16	1.1853	0.3365	0.8489	0.8489	0.0000	1
KY_RS	01/13/2022	17	1.2869	0.0515	1.2354	1.2354	0.0000	1
KY_RS	01/13/2022	18	1.4162	0.0000	1.4162	1.4162	0.0000	1
KY_RS	01/13/2022	19	1.5123	0.0000	1.5123	1.5123	0.0000	1
KY_RS	01/13/2022	20	1.5122	0.0000	1.5122	1.5122	0.0000	1
KY_RS	01/13/2022	21	1.4867	0.0000	1.4867	1.4867	0.0000	1
KY_RS	01/13/2022	22	1.4194	0.0000	1.4194	1.4194	0.0000	1
KY_RS	01/13/2022	23	1.2992	0.0000	1.2992	1.2992	0.0000	1
KY_RS	01/13/2022	24	1.1859	0.0000	1.1859	1.1859	0.0000	1
KY_RS	01/14/2022	1	1.1243	0.0000	1.1243	1.1243	0.0000	1
KY_RS	01/14/2022	2	1.1107	0.0000	1.1107	1.1107	0.0000	1
KY_RS	01/14/2022	3	1.1217	0.0000	1.1217	1.1217	0.0000	1
KY_RS	01/14/2022	4	1.1484	0.0000	1.1484	1.1484	0.0000	1
KY_RS	01/14/2022	5	1.1919	0.0000	1.1919	1.1919	0.0000	1
KY_RS	01/14/2022	6	1.2697	0.0000	1.2697	1.2697	0.0000	1
KY_RS	01/14/2022	7	1.3938	0.0000	1.3938	1.3938	0.0000	1
KY_RS	01/14/2022	8	1.4579	0.0000	1.4579	1.4579	0.0000	1
KY_RS	01/14/2022	9	1.4600	0.7296	0.7304	0.7304	0.0000	1
KY_RS	01/14/2022	10	1.4627	2.4590	(0.9963)	0.0000	(0.9963)	1
KY_RS	01/14/2022	11	1.4620	3.6490	(2.1870)	0.0000	(2.1870)	1
KY_RS	01/14/2022	12	1.4717	4.3389	(2.8672)	0.0000	(2.8672)	1
KY_RS	01/14/2022	13	1.4739	4.5924	(3.1185)	0.0000	(3.1185)	1
KY_RS	01/14/2022	14	1.4575	3.4792	(2.0218)	0.0000	(2.0218)	1
KY_RS	01/14/2022	15	1.4546	3.8854	(2.4308)	0.0000	(2.4308)	1
KY_RS	01/14/2022	16	1.4993	2.0923	(0.5930)	0.0000	(0.5930)	1
KY_RS	01/14/2022	17	1.5755	1.4775	0.0980	0.0980	0.0000	1
KY_RS	01/14/2022	18	1.6741	0.0000	1.6741	1.6741	0.0000	1
KY_RS	01/14/2022	19	1.7006	0.0000	1.7006	1.7006	0.0000	1
KY_RS	01/14/2022	20	1.6715	0.0000	1.6715	1.6715	0.0000	1
KY_RS	01/14/2022	21	1.6296	0.0000	1.6296	1.6296	0.0000	1
KY_RS	01/14/2022	22	1.5765	0.0000	1.5765	1.5765	0.0000	1
KY_RS	01/14/2022	23	1.4866	0.0000	1.4866	1.4866	0.0000	1
KY_RS	01/14/2022	24	1.3922	0.0000	1.3922	1.3922	0.0000	1
KY_RS	01/15/2022	1	1.3225	0.0000	1.3225	1.3225	0.0000	1
KY_RS	01/15/2022	2	1.2861	0.0000	1.2861	1.2861	0.0000	1
KY_RS	01/15/2022	3	1.2756	0.0000	1.2756	1.2756	0.0000	1
KY_RS	01/15/2022	4	1.2773	0.0000	1.2773	1.2773	0.0000	1
KY_RS	01/15/2022	5	1.2983	0.0000	1.2983	1.2983	0.0000	1
KY_RS	01/15/2022	6	1.3488	0.0000	1.3488	1.3488	0.0000	1
KY_RS	01/15/2022	7	1.4209	0.0000	1.4209	1.4209	0.0000	1
KY_RS	01/15/2022	8	1.5247	0.0000	1.5247	1.5247	0.0000	1
KY_RS	01/15/2022	9	1.6524	0.4203	1.2321	1.2321	0.0000	1
KY_RS	01/15/2022	10	1.7482	1.0637	0.6845	0.6845	0.0000	1
KY_RS	01/15/2022	11	1.7740	2.2802	(0.5062)	0.0000	(0.5062)	1
KY_RS	01/15/2022	12	1.8017	3.2407	(1.4391)	0.0000	(1.4391)	1
KY_RS	01/15/2022	13	1.7863	3.0588	(1.2724)	0.0000	(1.2724)	1
KY_RS	01/15/2022	14	1.7214	1.7950	(0.0736)	0.0000	(0.0736)	1

KY_RS	01/15/2022	15	1.6128	1.0699	0.5429	0.5429	0.0000	1
KY_RS	01/15/2022	16	1.6015	2.2607	(0.6592)	0.0000	(0.6592)	1
KY_RS	01/15/2022	17	1.6534	0.9976	0.6558	0.6558	0.0000	1
KY_RS	01/15/2022	18	1.7156	0.0000	1.7156	1.7156	0.0000	1
KY_RS	01/15/2022	19	1.8046	0.0000	1.8046	1.8046	0.0000	1
KY_RS	01/15/2022	20	1.7776	0.0000	1.7776	1.7776	0.0000	1
KY_RS	01/15/2022	21	1.8176	0.0000	1.8176	1.8176	0.0000	1
KY_RS	01/15/2022	22	1.7961	0.0000	1.7961	1.7961	0.0000	1
KY_RS	01/15/2022	23	1.7254	0.0000	1.7254	1.7254	0.0000	1
KY_RS	01/15/2022	24	1.6458	0.0000	1.6458	1.6458	0.0000	1
KY_RS	01/16/2022	1	1.5841	0.0000	1.5841	1.5841	0.0000	1
KY_RS	01/16/2022	2	1.5403	0.0000	1.5403	1.5403	0.0000	1
KY_RS	01/16/2022	3	1.5080	0.0000	1.5080	1.5080	0.0000	1
KY_RS	01/16/2022	4	1.5051	0.0000	1.5051	1.5051	0.0000	1
KY_RS	01/16/2022	5	1.5184	0.0000	1.5184	1.5184	0.0000	1
KY_RS	01/16/2022	6	1.5594	0.0000	1.5594	1.5594	0.0000	1
KY_RS	01/16/2022	7	1.6136	0.0000	1.6136	1.6136	0.0000	1
KY_RS	01/16/2022	8	1.6934	0.0000	1.6934	1.6934	0.0000	1
KY_RS	01/16/2022	9	1.8075	0.4971	1.3104	1.3104	0.0000	1
KY_RS	01/16/2022	10	1.8750	0.9161	0.9588	0.9588	0.0000	1
KY_RS	01/16/2022	11	1.8730	2.3071	(0.4341)	0.0000	(0.4341)	1
KY_RS	01/16/2022	12	1.8708	2.1360	(0.2653)	0.0000	(0.2653)	1
KY_RS	01/16/2022	13	1.9010	2.6160	(0.7149)	0.0000	(0.7149)	1
KY_RS	01/16/2022	14	1.8942	2.8999	(1.0057)	0.0000	(1.0057)	1
KY_RS	01/16/2022	15	1.8677	2.1114	(0.2437)	0.0000	(0.2437)	1
KY_RS	01/16/2022	16	1.8503	1.0303	0.8200	0.8200	0.0000	1
KY_RS	01/16/2022	17	1.8895	0.7207	1.1688	1.1688	0.0000	1
KY_RS	01/16/2022	18	1.9614	0.0000	1.9614	1.9614	0.0000	1
KY_RS	01/16/2022	19	1.9941	0.0000	1.9941	1.9941	0.0000	1
KY_RS	01/16/2022	20	1.9565	0.0000	1.9565	1.9565	0.0000	1
KY_RS	01/16/2022	21	1.9309	0.0000	1.9309	1.9309	0.0000	1
KY_RS	01/16/2022	22	1.8382	0.0000	1.8382	1.8382	0.0000	1
KY_RS	01/16/2022	23	1.7143	0.0000	1.7143	1.7143	0.0000	1
KY_RS	01/16/2022	24	1.5869	0.0000	1.5869	1.5869	0.0000	1
KY_RS	01/17/2022	1	1.5090	0.0000	1.5090	1.5090	0.0000	1
KY_RS	01/17/2022	2	1.4692	0.0000	1.4692	1.4692	0.0000	1
KY_RS	01/17/2022	3	1.4546	0.0000	1.4546	1.4546	0.0000	1
KY_RS	01/17/2022	4	1.4593	0.0000	1.4593	1.4593	0.0000	1
KY_RS	01/17/2022	5	1.4871	0.0000	1.4871	1.4871	0.0000	1
KY_RS	01/17/2022	6	1.5418	0.0000	1.5418	1.5418	0.0000	1
KY_RS	01/17/2022	7	1.6109	0.0000	1.6109	1.6109	0.0000	1
KY_RS	01/17/2022	8	1.6685	0.0000	1.6685	1.6685	0.0000	1
KY_RS	01/17/2022	9	1.7247	0.5904	1.1343	1.1343	0.0000	1
KY_RS	01/17/2022	10	1.7941	2.2164	(0.4223)	0.0000	(0.4223)	1
KY_RS	01/17/2022	11	1.8634	3.4368	(1.5734)	0.0000	(1.5734)	1
KY_RS	01/17/2022	12	1.9049	3.4541	(1.5492)	0.0000	(1.5492)	1
KY_RS	01/17/2022	13	1.9256	4.3924	(2.4668)	0.0000	(2.4668)	1
KY_RS	01/17/2022	14	1.9200	2.3939	(0.4739)	0.0000	(0.4739)	1
KY_RS	01/17/2022	15	1.9133	1.4846	0.4287	0.4287	0.0000	1
KY_RS	01/17/2022	16	1.9266	0.6632	1.2634	1.2634	0.0000	1
KY_RS	01/17/2022	17	1.9877	0.3168	1.6709	1.6709	0.0000	1
KY_RS	01/17/2022	18	2.0905	0.0000	2.0905	2.0905	0.0000	1
KY_RS	01/17/2022	19	2.1267	0.0000	2.1267	2.1267	0.0000	1
KY_RS	01/17/2022	20	2.0903	0.0000	2.0903	2.0903	0.0000	1
KY_RS	01/17/2022	21	2.0264	0.0000	2.0264	2.0264	0.0000	1
KY_RS	01/17/2022	22	1.8914	0.0000	1.8914	1.8914	0.0000	1
KY_RS	01/17/2022	23	1.7360	0.0000	1.7360	1.7360	0.0000	1
KY_RS	01/17/2022	24	1.5895	0.0000	1.5895	1.5895	0.0000	1
KY_RS	01/18/2022	1	1.5063	0.0000	1.5063	1.5063	0.0000	1
KY_RS	01/18/2022	2	1.4578	0.0000	1.4578	1.4578	0.0000	1
KY_RS	01/18/2022	3	1.4309	0.0000	1.4309	1.4309	0.0000	1
KY_RS	01/18/2022	4	1.4177	0.0000	1.4177	1.4177	0.0000	1
KY_RS	01/18/2022	5	1.4386	0.0000	1.4386	1.4386	0.0000	1
KY_RS	01/18/2022	6	1.5068	0.0000	1.5068	1.5068	0.0000	1
KY_RS	01/18/2022	7	1.6236	0.0000	1.6236	1.6236	0.0000	1
KY_RS	01/18/2022	8	1.6857	0.0000	1.6857	1.6857	0.0000	1
KY_RS	01/18/2022	9	1.6711	0.3874	1.2836	1.2836	0.0000	1
KY_RS	01/18/2022	10	1.5897	1.8951	(0.3054)	0.0000	(0.3054)	1
KY_RS	01/18/2022	11	1.4721	0.5078	0.9643	0.9643	0.0000	1
KY_RS	01/18/2022	12	1.4063	0.7594	0.6468	0.6468	0.0000	1
KY_RS	01/18/2022	13	1.3786	1.1350	0.2437	0.2437	0.0000	1
KY_RS	01/18/2022	14	1.3585	0.8615	0.4970	0.4970	0.0000	1
KY_RS	01/18/2022	15	1.3351	0.5338	0.8013	0.8013	0.0000	1
KY_RS	01/18/2022	16	1.3755	0.2248	1.1507	1.1507	0.0000	1
KY_RS	01/18/2022	17	1.4261	0.0243	1.4018	1.4018	0.0000	1
KY_RS	01/18/2022	18	1.6297	0.0000	1.6297	1.6297	0.0000	1
KY_RS	01/18/2022	19	1.7448	0.0000	1.7448	1.7448	0.0000	1
KY_RS	01/18/2022	20	1.7503	0.0000	1.7503	1.7503	0.0000	1
KY_RS	01/18/2022	21	1.7342	0.0000	1.7342	1.7342	0.0000	1

KY_RS	01/18/2022	22	1.6527	0.0000	1.6527	1.6527	0.0000	1
KY_RS	01/18/2022	23	1.5126	0.0000	1.5126	1.5126	0.0000	1
KY_RS	01/18/2022	24	1.3809	0.0000	1.3809	1.3809	0.0000	1
KY_RS	01/19/2022	1	1.2965	0.0000	1.2965	1.2965	0.0000	1
KY_RS	01/19/2022	2	1.2457	0.0000	1.2457	1.2457	0.0000	1
KY_RS	01/19/2022	3	1.2167	0.0000	1.2167	1.2167	0.0000	1
KY_RS	01/19/2022	4	1.2078	0.0000	1.2078	1.2078	0.0000	1
KY_RS	01/19/2022	5	1.2195	0.0000	1.2195	1.2195	0.0000	1
KY_RS	01/19/2022	6	1.2726	0.0000	1.2726	1.2726	0.0000	1
KY_RS	01/19/2022	7	1.3838	0.0000	1.3838	1.3838	0.0000	1
KY_RS	01/19/2022	8	1.4300	0.0000	1.4300	1.4300	0.0000	1
KY_RS	01/19/2022	9	1.3886	0.7771	0.6115	0.6115	0.0000	1
KY_RS	01/19/2022	10	1.3084	0.7085	0.5999	0.5999	0.0000	1
KY_RS	01/19/2022	11	1.1933	2.4103	(1.2169)	0.0000	(1.2169)	1
KY_RS	01/19/2022	12	1.1384	2.0048	(0.8664)	0.0000	(0.8664)	1
KY_RS	01/19/2022	13	1.1163	1.8915	(0.7752)	0.0000	(0.7752)	1
KY_RS	01/19/2022	14	1.1108	2.1317	(1.0209)	0.0000	(1.0209)	1
KY_RS	01/19/2022	15	1.1260	1.0152	0.1107	0.1107	0.0000	1
KY_RS	01/19/2022	16	1.1630	1.9113	(0.7483)	0.0000	(0.7483)	1
KY_RS	01/19/2022	17	1.2535	0.2228	1.0307	1.0307	0.0000	1
KY_RS	01/19/2022	18	1.4138	0.0000	1.4138	1.4138	0.0000	1
KY_RS	01/19/2022	19	1.5110	0.0000	1.5110	1.5110	0.0000	1
KY_RS	01/19/2022	20	1.5383	0.0000	1.5383	1.5383	0.0000	1
KY_RS	01/19/2022	21	1.5630	0.0000	1.5630	1.5630	0.0000	1
KY_RS	01/19/2022	22	1.5332	0.0000	1.5332	1.5332	0.0000	1
KY_RS	01/19/2022	23	1.4547	0.0000	1.4547	1.4547	0.0000	1
KY_RS	01/19/2022	24	1.3714	0.0000	1.3714	1.3714	0.0000	1
KY_RS	01/20/2022	1	1.3395	0.0000	1.3395	1.3395	0.0000	1
KY_RS	01/20/2022	2	1.3526	0.0000	1.3526	1.3526	0.0000	1
KY_RS	01/20/2022	3	1.3745	0.0000	1.3745	1.3745	0.0000	1
KY_RS	01/20/2022	4	1.4155	0.0000	1.4155	1.4155	0.0000	1
KY_RS	01/20/2022	5	1.4815	0.0000	1.4815	1.4815	0.0000	1
KY_RS	01/20/2022	6	1.5959	0.0000	1.5959	1.5959	0.0000	1
KY_RS	01/20/2022	7	1.7644	0.0000	1.7644	1.7644	0.0000	1
KY_RS	01/20/2022	8	1.8482	0.0000	1.8482	1.8482	0.0000	1
KY_RS	01/20/2022	9	1.8319	0.1008	1.7311	1.7311	0.0000	1
KY_RS	01/20/2022	10	1.7579	0.6706	1.0874	1.0874	0.0000	1
KY_RS	01/20/2022	11	1.6745	1.2841	0.3904	0.3904	0.0000	1
KY_RS	01/20/2022	12	1.6217	2.7395	(1.1177)	0.0000	(1.1177)	1
KY_RS	01/20/2022	13	1.5994	2.5946	(0.9952)	0.0000	(0.9952)	1
KY_RS	01/20/2022	14	1.5576	2.8244	(1.2668)	0.0000	(1.2668)	1
KY_RS	01/20/2022	15	1.5364	2.4910	(0.9546)	0.0000	(0.9546)	1
KY_RS	01/20/2022	16	1.5588	1.5461	0.0127	0.0127	0.0000	1
KY_RS	01/20/2022	17	1.6799	0.9062	0.7737	0.7737	0.0000	1
KY_RS	01/20/2022	18	1.9001	0.0353	1.8648	1.8648	0.0000	1
KY_RS	01/20/2022	19	2.0389	0.0000	2.0389	2.0389	0.0000	1
KY_RS	01/20/2022	20	2.0673	0.0000	2.0673	2.0673	0.0000	1
KY_RS	01/20/2022	21	2.0613	0.0000	2.0613	2.0613	0.0000	1
KY_RS	01/20/2022	22	1.9821	0.0000	1.9821	1.9821	0.0000	1
KY_RS	01/20/2022	23	1.8484	0.0000	1.8484	1.8484	0.0000	1
KY_RS	01/20/2022	24	1.7271	0.0000	1.7271	1.7271	0.0000	1
KY_RS	01/21/2022	1	1.6504	0.0000	1.6504	1.6504	0.0000	1
KY_RS	01/21/2022	2	1.6206	0.0000	1.6206	1.6206	0.0000	1
KY_RS	01/21/2022	3	1.6102	0.0000	1.6102	1.6102	0.0000	1
KY_RS	01/21/2022	4	1.6186	0.0000	1.6186	1.6186	0.0000	1
KY_RS	01/21/2022	5	1.6488	0.0000	1.6488	1.6488	0.0000	1
KY_RS	01/21/2022	6	1.7262	0.0000	1.7262	1.7262	0.0000	1
KY_RS	01/21/2022	7	1.8734	0.0000	1.8734	1.8734	0.0000	1
KY_RS	01/21/2022	8	1.9561	0.0000	1.9561	1.9561	0.0000	1
KY_RS	01/21/2022	9	1.9568	0.8854	1.0714	1.0714	0.0000	1
KY_RS	01/21/2022	10	1.8724	2.7490	(0.8765)	0.0000	(0.8765)	1
KY_RS	01/21/2022	11	1.7898	4.0514	(2.2616)	0.0000	(2.2616)	1
KY_RS	01/21/2022	12	1.7742	4.8497	(3.0755)	0.0000	(3.0755)	1
KY_RS	01/21/2022	13	1.7148	5.1786	(3.4638)	0.0000	(3.4638)	1
KY_RS	01/21/2022	14	1.6202	5.0975	(3.4774)	0.0000	(3.4774)	1
KY_RS	01/21/2022	15	1.5682	4.5571	(2.9888)	0.0000	(2.9888)	1
KY_RS	01/21/2022	16	1.5831	3.5636	(1.9805)	0.0000	(1.9805)	1
KY_RS	01/21/2022	17	1.6700	2.0543	(0.3843)	0.0000	(0.3843)	1
KY_RS	01/21/2022	18	1.8624	0.1501	1.7123	1.7123	0.0000	1
KY_RS	01/21/2022	19	2.0142	0.0000	2.0142	2.0142	0.0000	1
KY_RS	01/21/2022	20	2.0433	0.0000	2.0433	2.0433	0.0000	1
KY_RS	01/21/2022	21	2.0455	0.0000	2.0455	2.0455	0.0000	1
KY_RS	01/21/2022	22	2.0323	0.0000	2.0323	2.0323	0.0000	1
KY_RS	01/21/2022	23	1.9851	0.0000	1.9851	1.9851	0.0000	1
KY_RS	01/21/2022	24	1.9387	0.0000	1.9387	1.9387	0.0000	1
KY_RS	01/22/2022	1	1.9101	0.0000	1.9101	1.9101	0.0000	1
KY_RS	01/22/2022	2	1.9081	0.0000	1.9081	1.9081	0.0000	1
KY_RS	01/22/2022	3	1.9203	0.0000	1.9203	1.9203	0.0000	1
KY_RS	01/22/2022	4	1.9488	0.0000	1.9488	1.9488	0.0000	1

KY_RS	01/22/2022	5	1.9818	0.0000	1.9818	1.9818	0.0000	1
KY_RS	01/22/2022	6	2.0436	0.0000	2.0436	2.0436	0.0000	1
KY_RS	01/22/2022	7	2.1137	0.0000	2.1137	2.1137	0.0000	1
KY_RS	01/22/2022	8	2.1966	0.0000	2.1966	2.1966	0.0000	1
KY_RS	01/22/2022	9	2.2646	0.1510	2.1136	2.1136	0.0000	1
KY_RS	01/22/2022	10	2.1641	0.8813	1.2828	1.2828	0.0000	1
KY_RS	01/22/2022	11	2.0511	1.2622	0.7888	0.7888	0.0000	1
KY_RS	01/22/2022	12	1.9445	1.5140	0.4305	0.4305	0.0000	1
KY_RS	01/22/2022	13	1.8605	1.1926	0.6679	0.6679	0.0000	1
KY_RS	01/22/2022	14	1.7783	1.2865	0.4918	0.4918	0.0000	1
KY_RS	01/22/2022	15	1.7189	1.8372	(0.1183)	0.0000	(0.1183)	1
KY_RS	01/22/2022	16	1.7217	1.6105	0.1112	0.1112	0.0000	1
KY_RS	01/22/2022	17	1.7762	0.8034	0.9728	0.9728	0.0000	1
KY_RS	01/22/2022	18	1.7841	0.0042	1.7800	1.7800	0.0000	1
KY_RS	01/22/2022	19	1.8416	0.0000	1.8416	1.8416	0.0000	1
KY_RS	01/22/2022	20	1.8181	0.0000	1.8181	1.8181	0.0000	1
KY_RS	01/22/2022	21	1.8615	0.0000	1.8615	1.8615	0.0000	1
KY_RS	01/22/2022	22	1.8293	0.0000	1.8293	1.8293	0.0000	1
KY_RS	01/22/2022	23	1.7604	0.0000	1.7604	1.7604	0.0000	1
KY_RS	01/22/2022	24	1.6876	0.0000	1.6876	1.6876	0.0000	1
KY_RS	01/23/2022	1	1.6206	0.0000	1.6206	1.6206	0.0000	1
KY_RS	01/23/2022	2	1.5673	0.0000	1.5673	1.5673	0.0000	1
KY_RS	01/23/2022	3	1.5385	0.0000	1.5385	1.5385	0.0000	1
KY_RS	01/23/2022	4	1.5220	0.0000	1.5220	1.5220	0.0000	1
KY_RS	01/23/2022	5	1.5280	0.0000	1.5280	1.5280	0.0000	1
KY_RS	01/23/2022	6	1.5511	0.0000	1.5511	1.5511	0.0000	1
KY_RS	01/23/2022	7	1.5887	0.0000	1.5887	1.5887	0.0000	1
KY_RS	01/23/2022	8	1.6523	0.0000	1.6523	1.6523	0.0000	1
KY_RS	01/23/2022	9	1.7554	0.6114	1.1440	1.1440	0.0000	1
KY_RS	01/23/2022	10	1.8384	0.3276	1.5108	1.5108	0.0000	1
KY_RS	01/23/2022	11	1.8651	0.6514	1.2137	1.2137	0.0000	1
KY_RS	01/23/2022	12	1.8696	0.8234	1.0462	1.0462	0.0000	1
KY_RS	01/23/2022	13	1.8825	1.3661	0.5164	0.5164	0.0000	1
KY_RS	01/23/2022	14	1.8299	1.2517	0.5783	0.5783	0.0000	1
KY_RS	01/23/2022	15	1.8149	1.1026	0.7123	0.7123	0.0000	1
KY_RS	01/23/2022	16	1.8457	1.1626	0.6832	0.6832	0.0000	1
KY_RS	01/23/2022	17	1.9150	1.7670	0.1480	0.1480	0.0000	1
KY_RS	01/23/2022	18	2.0062	0.1339	1.8723	1.8723	0.0000	1
KY_RS	01/23/2022	19	2.0517	0.0000	2.0517	2.0517	0.0000	1
KY_RS	01/23/2022	20	2.0559	0.0000	2.0559	2.0559	0.0000	1
KY_RS	01/23/2022	21	2.0247	0.0000	2.0247	2.0247	0.0000	1
KY_RS	01/23/2022	22	1.9330	0.0000	1.9330	1.9330	0.0000	1
KY_RS	01/23/2022	23	1.8380	0.0000	1.8380	1.8380	0.0000	1
KY_RS	01/23/2022	24	1.7266	0.0000	1.7266	1.7266	0.0000	1
KY_RS	01/24/2022	1	1.6787	0.0000	1.6787	1.6787	0.0000	1
KY_RS	01/24/2022	2	1.6784	0.0000	1.6784	1.6784	0.0000	1
KY_RS	01/24/2022	3	1.6939	0.0000	1.6939	1.6939	0.0000	1
KY_RS	01/24/2022	4	1.6888	0.0000	1.6888	1.6888	0.0000	1
KY_RS	01/24/2022	5	1.7094	0.0000	1.7094	1.7094	0.0000	1
KY_RS	01/24/2022	6	1.7750	0.0000	1.7750	1.7750	0.0000	1
KY_RS	01/24/2022	7	1.9048	0.0000	1.9048	1.9048	0.0000	1
KY_RS	01/24/2022	8	1.9577	0.0000	1.9577	1.9577	0.0000	1
KY_RS	01/24/2022	9	1.9065	0.9444	0.9620	0.9620	0.0000	1
KY_RS	01/24/2022	10	1.8737	2.8049	(0.9312)	0.0000	(0.9312)	1
KY_RS	01/24/2022	11	1.8508	4.1056	(2.2548)	0.0000	(2.2548)	1
KY_RS	01/24/2022	12	1.7723	4.8510	(3.0787)	0.0000	(3.0787)	1
KY_RS	01/24/2022	13	1.6857	5.1367	(3.4510)	0.0000	(3.4510)	1
KY_RS	01/24/2022	14	1.5903	5.0372	(3.4469)	0.0000	(3.4469)	1
KY_RS	01/24/2022	15	1.5568	4.5751	(3.0184)	0.0000	(3.0184)	1
KY_RS	01/24/2022	16	1.5885	3.6728	(2.0843)	0.0000	(2.0843)	1
KY_RS	01/24/2022	17	1.6770	2.2139	(0.5370)	0.0000	(0.5370)	1
KY_RS	01/24/2022	18	1.7904	0.2777	1.5127	1.5127	0.0000	1
KY_RS	01/24/2022	19	1.8261	0.0000	1.8261	1.8261	0.0000	1
KY_RS	01/24/2022	20	1.7930	0.0000	1.7930	1.7930	0.0000	1
KY_RS	01/24/2022	21	1.7266	0.0000	1.7266	1.7266	0.0000	1
KY_RS	01/24/2022	22	1.6198	0.0000	1.6198	1.6198	0.0000	1
KY_RS	01/24/2022	23	1.4801	0.0000	1.4801	1.4801	0.0000	1
KY_RS	01/24/2022	24	1.3741	0.0000	1.3741	1.3741	0.0000	1
KY_RS	01/25/2022	1	1.3348	0.0000	1.3348	1.3348	0.0000	1
KY_RS	01/25/2022	2	1.3319	0.0000	1.3319	1.3319	0.0000	1
KY_RS	01/25/2022	3	1.3373	0.0000	1.3373	1.3373	0.0000	1
KY_RS	01/25/2022	4	1.3658	0.0000	1.3658	1.3658	0.0000	1
KY_RS	01/25/2022	5	1.4126	0.0000	1.4126	1.4126	0.0000	1
KY_RS	01/25/2022	6	1.5049	0.0000	1.5049	1.5049	0.0000	1
KY_RS	01/25/2022	7	1.6532	0.0000	1.6532	1.6532	0.0000	1
KY_RS	01/25/2022	8	1.7247	0.0000	1.7247	1.7247	0.0000	1
KY_RS	01/25/2022	9	1.7098	0.2148	1.4949	1.4949	0.0000	1
KY_RS	01/25/2022	10	1.6696	0.8180	0.8515	0.8515	0.0000	1
KY_RS	01/25/2022	11	1.5879	1.9006	(0.3127)	0.0000	(0.3127)	1

KY_RS	01/25/2022	12	1.5401	4.5299	(2.9899)	0.0000	(2.9899)	1
KY_RS	01/25/2022	13	1.5373	4.0793	(2.5421)	0.0000	(2.5421)	1
KY_RS	01/25/2022	14	1.5066	1.8159	(0.3093)	0.0000	(0.3093)	1
KY_RS	01/25/2022	15	1.4843	2.5392	(1.0549)	0.0000	(1.0549)	1
KY_RS	01/25/2022	16	1.5071	1.6890	(0.1820)	0.0000	(0.1820)	1
KY_RS	01/25/2022	17	1.5932	1.6398	(0.0466)	0.0000	(0.0466)	1
KY_RS	01/25/2022	18	1.7798	0.0587	1.7211	1.7211	0.0000	1
KY_RS	01/25/2022	19	1.9393	0.0000	1.9393	1.9393	0.0000	1
KY_RS	01/25/2022	20	1.9891	0.0000	1.9891	1.9891	0.0000	1
KY_RS	01/25/2022	21	2.0017	0.0000	2.0017	2.0017	0.0000	1
KY_RS	01/25/2022	22	1.9633	0.0000	1.9633	1.9633	0.0000	1
KY_RS	01/25/2022	23	1.8818	0.0000	1.8818	1.8818	0.0000	1
KY_RS	01/25/2022	24	1.8094	0.0000	1.8094	1.8094	0.0000	1
KY_RS	01/26/2022	1	1.7805	0.0000	1.7805	1.7805	0.0000	1
KY_RS	01/26/2022	2	1.7980	0.0000	1.7980	1.7980	0.0000	1
KY_RS	01/26/2022	3	1.8409	0.0000	1.8409	1.8409	0.0000	1
KY_RS	01/26/2022	4	1.8983	0.0000	1.8983	1.8983	0.0000	1
KY_RS	01/26/2022	5	1.9860	0.0000	1.9860	1.9860	0.0000	1
KY_RS	01/26/2022	6	2.1140	0.0000	2.1140	2.1140	0.0000	1
KY_RS	01/26/2022	7	2.2946	0.0000	2.2946	2.2946	0.0000	1
KY_RS	01/26/2022	8	2.3854	0.0000	2.3854	2.3854	0.0000	1
KY_RS	01/26/2022	9	2.3404	0.9694	1.3711	1.3711	0.0000	1
KY_RS	01/26/2022	10	2.1864	2.8117	(0.6252)	0.0000	(0.6252)	1
KY_RS	01/26/2022	11	2.0323	4.1313	(2.0990)	0.0000	(2.0990)	1
KY_RS	01/26/2022	12	1.9045	4.9363	(3.0319)	0.0000	(3.0319)	1
KY_RS	01/26/2022	13	1.8104	5.3155	(3.5051)	0.0000	(3.5051)	1
KY_RS	01/26/2022	14	1.7072	5.2428	(3.5357)	0.0000	(3.5357)	1
KY_RS	01/26/2022	15	1.6337	4.7182	(3.0845)	0.0000	(3.0845)	1
KY_RS	01/26/2022	16	1.6318	3.7525	(2.1207)	0.0000	(2.1207)	1
KY_RS	01/26/2022	17	1.7158	2.2589	(0.5432)	0.0000	(0.5432)	1
KY_RS	01/26/2022	18	1.9116	0.3004	1.6112	1.6112	0.0000	1
KY_RS	01/26/2022	19	2.1000	0.0000	2.1000	2.1000	0.0000	1
KY_RS	01/26/2022	20	2.1741	0.0000	2.1741	2.1741	0.0000	1
KY_RS	01/26/2022	21	2.1973	0.0000	2.1973	2.1973	0.0000	1
KY_RS	01/26/2022	22	2.1599	0.0000	2.1599	2.1599	0.0000	1
KY_RS	01/26/2022	23	2.0586	0.0000	2.0586	2.0586	0.0000	1
KY_RS	01/26/2022	24	1.9735	0.0000	1.9735	1.9735	0.0000	1
KY_RS	01/27/2022	1	1.9233	0.0000	1.9233	1.9233	0.0000	1
KY_RS	01/27/2022	2	1.9179	0.0000	1.9179	1.9179	0.0000	1
KY_RS	01/27/2022	3	1.9312	0.0000	1.9312	1.9312	0.0000	1
KY_RS	01/27/2022	4	1.9599	0.0000	1.9599	1.9599	0.0000	1
KY_RS	01/27/2022	5	2.0165	0.0000	2.0165	2.0165	0.0000	1
KY_RS	01/27/2022	6	2.1037	0.0000	2.1037	2.1037	0.0000	1
KY_RS	01/27/2022	7	2.2332	0.0000	2.2332	2.2332	0.0000	1
KY_RS	01/27/2022	8	2.2650	0.0000	2.2650	2.2650	0.0000	1
KY_RS	01/27/2022	9	2.1634	1.0262	1.1373	1.1373	0.0000	1
KY_RS	01/27/2022	10	2.0180	2.8874	(0.8695)	0.0000	(0.8695)	1
KY_RS	01/27/2022	11	1.8384	4.1938	(2.3554)	0.0000	(2.3554)	1
KY_RS	01/27/2022	12	1.7728	4.9823	(3.2095)	0.0000	(3.2095)	1
KY_RS	01/27/2022	13	1.7220	5.3249	(3.6029)	0.0000	(3.6029)	1
KY_RS	01/27/2022	14	1.6855	5.2426	(3.5571)	0.0000	(3.5571)	1
KY_RS	01/27/2022	15	1.6192	4.7719	(3.1528)	0.0000	(3.1528)	1
KY_RS	01/27/2022	16	1.6398	3.8320	(2.1922)	0.0000	(2.1922)	1
KY_RS	01/27/2022	17	1.7043	2.3629	(0.6585)	0.0000	(0.6585)	1
KY_RS	01/27/2022	18	1.8096	0.3439	1.4657	1.4657	0.0000	1
KY_RS	01/27/2022	19	1.8765	0.0000	1.8765	1.8765	0.0000	1
KY_RS	01/27/2022	20	1.8585	0.0000	1.8585	1.8585	0.0000	1
KY_RS	01/27/2022	21	1.8248	0.0000	1.8248	1.8248	0.0000	1
KY_RS	01/27/2022	22	1.7381	0.0000	1.7381	1.7381	0.0000	1
KY_RS	01/27/2022	23	1.6097	0.0000	1.6097	1.6097	0.0000	1
KY_RS	01/27/2022	24	1.4904	0.0000	1.4904	1.4904	0.0000	1
KY_RS	01/28/2022	1	1.4195	0.0000	1.4195	1.4195	0.0000	1
KY_RS	01/28/2022	2	1.3892	0.0000	1.3892	1.3892	0.0000	1
KY_RS	01/28/2022	3	1.3745	0.0000	1.3745	1.3745	0.0000	1
KY_RS	01/28/2022	4	1.3737	0.0000	1.3737	1.3737	0.0000	1
KY_RS	01/28/2022	5	1.3978	0.0000	1.3978	1.3978	0.0000	1
KY_RS	01/28/2022	6	1.4686	0.0000	1.4686	1.4686	0.0000	1
KY_RS	01/28/2022	7	1.5682	0.0000	1.5682	1.5682	0.0000	1
KY_RS	01/28/2022	8	1.6472	0.0000	1.6472	1.6472	0.0000	1
KY_RS	01/28/2022	9	1.6710	0.5843	1.0867	1.0867	0.0000	1
KY_RS	01/28/2022	10	1.6619	2.3860	(0.7240)	0.0000	(0.7240)	1
KY_RS	01/28/2022	11	1.6663	2.8956	(1.2293)	0.0000	(1.2293)	1
KY_RS	01/28/2022	12	1.6689	2.9077	(1.2388)	0.0000	(1.2388)	1
KY_RS	01/28/2022	13	1.6686	4.6408	(2.9722)	0.0000	(2.9722)	1
KY_RS	01/28/2022	14	1.6619	4.5695	(2.9076)	0.0000	(2.9076)	1
KY_RS	01/28/2022	15	1.7080	3.8731	(2.1651)	0.0000	(2.1651)	1
KY_RS	01/28/2022	16	1.7974	3.7526	(1.9552)	0.0000	(1.9552)	1
KY_RS	01/28/2022	17	1.9128	2.2930	(0.3802)	0.0000	(0.3802)	1
KY_RS	01/28/2022	18	2.0553	0.3385	1.7167	1.7167	0.0000	1

KY_RS	01/28/2022	19	2.1694	0.0000	2.1694	2.1694	0.0000	1
KY_RS	01/28/2022	20	2.1864	0.0000	2.1864	2.1864	0.0000	1
KY_RS	01/28/2022	21	2.1565	0.0000	2.1565	2.1565	0.0000	1
KY_RS	01/28/2022	22	2.1061	0.0000	2.1061	2.1061	0.0000	1
KY_RS	01/28/2022	23	2.0271	0.0000	2.0271	2.0271	0.0000	1
KY_RS	01/28/2022	24	1.9742	0.0000	1.9742	1.9742	0.0000	1
KY_RS	01/29/2022	1	1.9433	0.0000	1.9433	1.9433	0.0000	1
KY_RS	01/29/2022	2	1.9298	0.0000	1.9298	1.9298	0.0000	1
KY_RS	01/29/2022	3	1.9125	0.0000	1.9125	1.9125	0.0000	1
KY_RS	01/29/2022	4	1.8907	0.0000	1.8907	1.8907	0.0000	1
KY_RS	01/29/2022	5	1.9076	0.0000	1.9076	1.9076	0.0000	1
KY_RS	01/29/2022	6	2.0002	0.0000	2.0002	2.0002	0.0000	1
KY_RS	01/29/2022	7	2.1232	0.0000	2.1232	2.1232	0.0000	1
KY_RS	01/29/2022	8	2.2683	0.0000	2.2683	2.2683	0.0000	1
KY_RS	01/29/2022	9	2.3712	0.3653	2.0058	2.0058	0.0000	1
KY_RS	01/29/2022	10	2.2802	2.5915	(0.3113)	0.0000	(0.3113)	1
KY_RS	01/29/2022	11	2.1441	0.6708	1.4732	1.4732	0.0000	1
KY_RS	01/29/2022	12	2.0320	1.1072	0.9248	0.9248	0.0000	1
KY_RS	01/29/2022	13	1.9427	1.1627	0.7800	0.7800	0.0000	1
KY_RS	01/29/2022	14	1.8670	2.3539	(0.4869)	0.0000	(0.4869)	1
KY_RS	01/29/2022	15	1.7811	0.5660	1.2151	1.2151	0.0000	1
KY_RS	01/29/2022	16	1.7737	1.3046	0.4691	0.4691	0.0000	1
KY_RS	01/29/2022	17	1.8539	1.4106	0.4433	0.4433	0.0000	1
KY_RS	01/29/2022	18	1.9444	0.1289	1.8155	1.8155	0.0000	1
KY_RS	01/29/2022	19	2.0591	0.0000	2.0591	2.0591	0.0000	1
KY_RS	01/29/2022	20	2.0410	0.0000	2.0410	2.0410	0.0000	1
KY_RS	01/29/2022	21	2.0213	0.0000	2.0213	2.0213	0.0000	1
KY_RS	01/29/2022	22	1.9846	0.0000	1.9846	1.9846	0.0000	1
KY_RS	01/29/2022	23	1.9295	0.0000	1.9295	1.9295	0.0000	1
KY_RS	01/29/2022	24	1.8508	0.0000	1.8508	1.8508	0.0000	1
KY_RS	01/30/2022	1	1.7834	0.0000	1.7834	1.7834	0.0000	1
KY_RS	01/30/2022	2	1.7479	0.0000	1.7479	1.7479	0.0000	1
KY_RS	01/30/2022	3	1.7080	0.0000	1.7080	1.7080	0.0000	1
KY_RS	01/30/2022	4	1.6907	0.0000	1.6907	1.6907	0.0000	1
KY_RS	01/30/2022	5	1.6967	0.0000	1.6967	1.6967	0.0000	1
KY_RS	01/30/2022	6	1.7407	0.0000	1.7407	1.7407	0.0000	1
KY_RS	01/30/2022	7	1.7639	0.0000	1.7639	1.7639	0.0000	1
KY_RS	01/30/2022	8	1.8190	0.0000	1.8190	1.8190	0.0000	1
KY_RS	01/30/2022	9	1.9089	0.0021	1.9068	1.9068	0.0000	1
KY_RS	01/30/2022	10	1.9166	0.3124	1.6042	1.6042	0.0000	1
KY_RS	01/30/2022	11	1.8101	1.0186	0.7915	0.7915	0.0000	1
KY_RS	01/30/2022	12	1.7395	1.7595	(0.0200)	0.0000	(0.0200)	1
KY_RS	01/30/2022	13	1.6964	2.9910	(1.2946)	0.0000	(1.2946)	1
KY_RS	01/30/2022	14	1.6429	2.9088	(1.2659)	0.0000	(1.2659)	1
KY_RS	01/30/2022	15	1.5802	1.3366	0.2437	0.2437	0.0000	1
KY_RS	01/30/2022	16	1.4551	1.7940	(0.3389)	0.0000	(0.3389)	1
KY_RS	01/30/2022	17	1.4426	0.5178	0.9248	0.9248	0.0000	1
KY_RS	01/30/2022	18	1.4896	0.0222	1.4673	1.4673	0.0000	1
KY_RS	01/30/2022	19	1.6087	0.0000	1.6087	1.6087	0.0000	1
KY_RS	01/30/2022	20	1.7837	0.0000	1.7837	1.7837	0.0000	1
KY_RS	01/30/2022	21	1.8089	0.0000	1.8089	1.8089	0.0000	1
KY_RS	01/30/2022	22	1.7350	0.0000	1.7350	1.7350	0.0000	1
KY_RS	01/30/2022	23	1.6260	0.0000	1.6260	1.6260	0.0000	1
KY_RS	01/30/2022	24	1.5105	0.0000	1.5105	1.5105	0.0000	1
KY_RS	01/31/2022	1	1.4413	0.0000	1.4413	1.4413	0.0000	1
KY_RS	01/31/2022	2	1.4004	0.0000	1.4004	1.4004	0.0000	1
KY_RS	01/31/2022	3	1.3939	0.0000	1.3939	1.3939	0.0000	1
KY_RS	01/31/2022	4	1.4123	0.0000	1.4123	1.4123	0.0000	1
KY_RS	01/31/2022	5	1.4610	0.0000	1.4610	1.4610	0.0000	1
KY_RS	01/31/2022	6	1.5641	0.0000	1.5641	1.5641	0.0000	1
KY_RS	01/31/2022	7	1.7396	0.0000	1.7396	1.7396	0.0000	1
KY_RS	01/31/2022	8	1.8407	0.0000	1.8407	1.8407	0.0000	1
KY_RS	01/31/2022	9	1.7979	0.0625	1.7354	1.7354	0.0000	1
KY_RS	01/31/2022	10	1.6638	0.7766	0.8872	0.8872	0.0000	1
KY_RS	01/31/2022	11	1.5359	1.6803	(0.1445)	0.0000	(0.1445)	1
KY_RS	01/31/2022	12	1.4383	2.4652	(1.0269)	0.0000	(1.0269)	1
KY_RS	01/31/2022	13	1.3651	3.0890	(1.7239)	0.0000	(1.7239)	1
KY_RS	01/31/2022	14	1.2780	5.1218	(3.8438)	0.0000	(3.8438)	1
KY_RS	01/31/2022	15	1.2434	4.6594	(3.4160)	0.0000	(3.4160)	1
KY_RS	01/31/2022	16	1.2527	3.7309	(2.4782)	0.0000	(2.4782)	1
KY_RS	01/31/2022	17	1.3126	2.2892	(0.9765)	0.0000	(0.9765)	1
KY_RS	01/31/2022	18	1.4808	0.3975	1.0833	1.0833	0.0000	1
KY_RS	01/31/2022	19	1.6605	0.0000	1.6605	1.6605	0.0000	1
KY_RS	01/31/2022	20	1.7196	0.0000	1.7196	1.7196	0.0000	1
KY_RS	01/31/2022	21	1.7244	0.0000	1.7244	1.7244	0.0000	1
KY_RS	01/31/2022	22	1.6550	0.0000	1.6550	1.6550	0.0000	1
KY_RS	01/31/2022	23	1.5144	0.0000	1.5144	1.5144	0.0000	1
KY_RS	01/31/2022	24	1.3838	0.0000	1.3838	1.3838	0.0000	1
KY_RS	02/01/2022	1	1.3097	0.0000	1.3097	1.3097	0.0000	2

KY_RS	02/01/2022	2	1.2836	0.0000	1.2836	1.2836	0.0000	2
KY_RS	02/01/2022	3	1.2752	0.0000	1.2752	1.2752	0.0000	2
KY_RS	02/01/2022	4	1.2876	0.0000	1.2876	1.2876	0.0000	2
KY_RS	02/01/2022	5	1.3339	0.0000	1.3339	1.3339	0.0000	2
KY_RS	02/01/2022	6	1.4268	0.0000	1.4268	1.4268	0.0000	2
KY_RS	02/01/2022	7	1.5727	0.0000	1.5727	1.5727	0.0000	2
KY_RS	02/01/2022	8	1.6379	0.0000	1.6379	1.6379	0.0000	2
KY_RS	02/01/2022	9	1.5711	1.1259	0.4452	0.4452	0.0000	2
KY_RS	02/01/2022	10	1.4440	2.9609	(1.5168)	0.0000	(1.5168)	2
KY_RS	02/01/2022	11	1.3090	4.2684	(2.9595)	0.0000	(2.9595)	2
KY_RS	02/01/2022	12	1.2055	5.0935	(3.8880)	0.0000	(3.8880)	2
KY_RS	02/01/2022	13	1.1308	5.4542	(4.3235)	0.0000	(4.3235)	2
KY_RS	02/01/2022	14	1.0391	5.3391	(4.3000)	0.0000	(4.3000)	2
KY_RS	02/01/2022	15	0.9881	4.8472	(3.8591)	0.0000	(3.8591)	2
KY_RS	02/01/2022	16	0.9918	3.9005	(2.9087)	0.0000	(2.9087)	2
KY_RS	02/01/2022	17	1.0339	2.4004	(1.3665)	0.0000	(1.3665)	2
KY_RS	02/01/2022	18	1.1622	0.4655	0.6967	0.6967	0.0000	2
KY_RS	02/01/2022	19	1.3225	0.0000	1.3225	1.3225	0.0000	2
KY_RS	02/01/2022	20	1.3799	0.0000	1.3799	1.3799	0.0000	2
KY_RS	02/01/2022	21	1.3863	0.0000	1.3863	1.3863	0.0000	2
KY_RS	02/01/2022	22	1.3279	0.0000	1.3279	1.3279	0.0000	2
KY_RS	02/01/2022	23	1.2141	0.0000	1.2141	1.2141	0.0000	2
KY_RS	02/01/2022	24	1.0910	0.0000	1.0910	1.0910	0.0000	2
KY_RS	02/02/2022	1	1.0035	0.0000	1.0035	1.0035	0.0000	2
KY_RS	02/02/2022	2	0.9552	0.0000	0.9552	0.9552	0.0000	2
KY_RS	02/02/2022	3	0.9350	0.0000	0.9350	0.9350	0.0000	2
KY_RS	02/02/2022	4	0.9293	0.0000	0.9293	0.9293	0.0000	2
KY_RS	02/02/2022	5	0.9551	0.0000	0.9551	0.9551	0.0000	2
KY_RS	02/02/2022	6	1.0313	0.0000	1.0313	1.0313	0.0000	2
KY_RS	02/02/2022	7	1.1736	0.0000	1.1736	1.1736	0.0000	2
KY_RS	02/02/2022	8	1.2398	0.0000	1.2398	1.2398	0.0000	2
KY_RS	02/02/2022	9	1.2210	0.1766	1.0444	1.0444	0.0000	2
KY_RS	02/02/2022	10	1.2106	1.0931	0.1175	0.1175	0.0000	2
KY_RS	02/02/2022	11	1.2270	1.0255	0.2015	0.2015	0.0000	2
KY_RS	02/02/2022	12	1.2503	2.8812	(1.6309)	0.0000	(1.6309)	2
KY_RS	02/02/2022	13	1.2800	3.7139	(2.4338)	0.0000	(2.4338)	2
KY_RS	02/02/2022	14	1.2808	3.2158	(1.9350)	0.0000	(1.9350)	2
KY_RS	02/02/2022	15	1.2753	2.4978	(1.2225)	0.0000	(1.2225)	2
KY_RS	02/02/2022	16	1.3038	1.0150	0.2888	0.2888	0.0000	2
KY_RS	02/02/2022	17	1.3782	0.4471	0.9311	0.9311	0.0000	2
KY_RS	02/02/2022	18	1.4785	0.0478	1.4306	1.4306	0.0000	2
KY_RS	02/02/2022	19	1.5322	0.0000	1.5322	1.5322	0.0000	2
KY_RS	02/02/2022	20	1.5126	0.0000	1.5126	1.5126	0.0000	2
KY_RS	02/02/2022	21	1.4716	0.0000	1.4716	1.4716	0.0000	2
KY_RS	02/02/2022	22	1.3904	0.0000	1.3904	1.3904	0.0000	2
KY_RS	02/02/2022	23	1.2736	0.0000	1.2736	1.2736	0.0000	2
KY_RS	02/02/2022	24	1.1572	0.0000	1.1572	1.1572	0.0000	2
KY_RS	02/03/2022	1	1.1236	0.0000	1.1236	1.1236	0.0000	2
KY_RS	02/03/2022	2	1.1272	0.0000	1.1272	1.1272	0.0000	2
KY_RS	02/03/2022	3	1.1476	0.0000	1.1476	1.1476	0.0000	2
KY_RS	02/03/2022	4	1.1765	0.0000	1.1765	1.1765	0.0000	2
KY_RS	02/03/2022	5	1.2178	0.0000	1.2178	1.2178	0.0000	2
KY_RS	02/03/2022	6	1.2943	0.0000	1.2943	1.2943	0.0000	2
KY_RS	02/03/2022	7	1.3884	0.0000	1.3884	1.3884	0.0000	2
KY_RS	02/03/2022	8	1.5084	0.0000	1.5084	1.5084	0.0000	2
KY_RS	02/03/2022	9	1.6275	0.1089	1.5186	1.5186	0.0000	2
KY_RS	02/03/2022	10	1.7314	0.2805	1.4509	1.4509	0.0000	2
KY_RS	02/03/2022	11	1.8298	0.4715	1.3583	1.3583	0.0000	2
KY_RS	02/03/2022	12	1.9062	2.2705	(0.3643)	0.0000	(0.3643)	2
KY_RS	02/03/2022	13	1.9524	2.4466	(0.4942)	0.0000	(0.4942)	2
KY_RS	02/03/2022	14	1.9519	1.2079	0.7440	0.7440	0.0000	2
KY_RS	02/03/2022	15	1.9608	0.8908	1.0699	1.0699	0.0000	2
KY_RS	02/03/2022	16	1.9713	0.7303	1.2409	1.2409	0.0000	2
KY_RS	02/03/2022	17	2.0105	0.2847	1.7258	1.7258	0.0000	2
KY_RS	02/03/2022	18	2.1203	0.4282	1.6922	1.6922	0.0000	2
KY_RS	02/03/2022	19	2.1838	0.0000	2.1838	2.1838	0.0000	2
KY_RS	02/03/2022	20	2.1273	0.0000	2.1273	2.1273	0.0000	2
KY_RS	02/03/2022	21	2.0657	0.0000	2.0657	2.0657	0.0000	2
KY_RS	02/03/2022	22	1.9772	0.0000	1.9772	1.9772	0.0000	2
KY_RS	02/03/2022	23	1.8674	0.0000	1.8674	1.8674	0.0000	2
KY_RS	02/03/2022	24	1.7582	0.0000	1.7582	1.7582	0.0000	2
KY_RS	02/04/2022	1	1.6846	0.0000	1.6846	1.6846	0.0000	2
KY_RS	02/04/2022	2	1.6416	0.0000	1.6416	1.6416	0.0000	2
KY_RS	02/04/2022	3	1.6264	0.0000	1.6264	1.6264	0.0000	2
KY_RS	02/04/2022	4	1.6319	0.0000	1.6319	1.6319	0.0000	2
KY_RS	02/04/2022	5	1.6627	0.0000	1.6627	1.6627	0.0000	2
KY_RS	02/04/2022	6	1.7217	0.0000	1.7217	1.7217	0.0000	2
KY_RS	02/04/2022	7	1.7904	0.0000	1.7904	1.7904	0.0000	2
KY_RS	02/04/2022	8	1.8955	0.0000	1.8955	1.8955	0.0000	2

KY_RS	02/04/2022	9	2.0134	0.2852	1.7283	1.7283	0.0000	2
KY_RS	02/04/2022	10	2.0699	1.0946	0.9753	0.9753	0.0000	2
KY_RS	02/04/2022	11	2.0672	1.2025	0.8647	0.8647	0.0000	2
KY_RS	02/04/2022	12	1.9807	0.8143	1.1664	1.1664	0.0000	2
KY_RS	02/04/2022	13	1.9745	1.5929	0.3816	0.3816	0.0000	2
KY_RS	02/04/2022	14	1.9637	2.3072	(0.3435)	0.0000	(0.3435)	2
KY_RS	02/04/2022	15	1.9437	0.4646	1.4791	1.4791	0.0000	2
KY_RS	02/04/2022	16	1.9379	0.4170	1.5209	1.5209	0.0000	2
KY_RS	02/04/2022	17	1.9707	0.2702	1.7005	1.7005	0.0000	2
KY_RS	02/04/2022	18	2.0616	0.0235	2.0381	2.0381	0.0000	2
KY_RS	02/04/2022	19	2.1171	0.0000	2.1171	2.1171	0.0000	2
KY_RS	02/04/2022	20	2.0925	0.0000	2.0925	2.0925	0.0000	2
KY_RS	02/04/2022	21	2.0683	0.0000	2.0683	2.0683	0.0000	2
KY_RS	02/04/2022	22	2.0297	0.0000	2.0297	2.0297	0.0000	2
KY_RS	02/04/2022	23	1.9456	0.0000	1.9456	1.9456	0.0000	2
KY_RS	02/04/2022	24	1.8462	0.0000	1.8462	1.8462	0.0000	2
KY_RS	02/05/2022	1	1.7747	0.0000	1.7747	1.7747	0.0000	2
KY_RS	02/05/2022	2	1.7425	0.0000	1.7425	1.7425	0.0000	2
KY_RS	02/05/2022	3	1.7228	0.0000	1.7228	1.7228	0.0000	2
KY_RS	02/05/2022	4	1.7161	0.0000	1.7161	1.7161	0.0000	2
KY_RS	02/05/2022	5	1.7304	0.0000	1.7304	1.7304	0.0000	2
KY_RS	02/05/2022	6	1.7608	0.0000	1.7608	1.7608	0.0000	2
KY_RS	02/05/2022	7	1.8323	0.0000	1.8323	1.8323	0.0000	2
KY_RS	02/05/2022	8	1.9474	0.0000	1.9474	1.9474	0.0000	2
KY_RS	02/05/2022	9	2.0533	1.0038	1.0496	1.0496	0.0000	2
KY_RS	02/05/2022	10	2.0536	1.4885	0.5651	0.5651	0.0000	2
KY_RS	02/05/2022	11	2.0178	1.5075	0.5103	0.5103	0.0000	2
KY_RS	02/05/2022	12	1.9681	2.5715	(0.6034)	0.0000	(0.6034)	2
KY_RS	02/05/2022	13	1.8879	2.3368	(0.4489)	0.0000	(0.4489)	2
KY_RS	02/05/2022	14	1.8036	2.4944	(0.6908)	0.0000	(0.6908)	2
KY_RS	02/05/2022	15	1.7703	1.0980	0.6722	0.6722	0.0000	2
KY_RS	02/05/2022	16	1.8223	0.9372	0.8850	0.8850	0.0000	2
KY_RS	02/05/2022	17	1.8849	1.0293	0.8557	0.8557	0.0000	2
KY_RS	02/05/2022	18	1.9768	0.2105	1.7663	1.7663	0.0000	2
KY_RS	02/05/2022	19	2.0844	0.0000	2.0844	2.0844	0.0000	2
KY_RS	02/05/2022	20	2.1026	0.0000	2.1026	2.1026	0.0000	2
KY_RS	02/05/2022	21	2.0874	0.0000	2.0874	2.0874	0.0000	2
KY_RS	02/05/2022	22	2.0568	0.0000	2.0568	2.0568	0.0000	2
KY_RS	02/05/2022	23	1.9912	0.0000	1.9912	1.9912	0.0000	2
KY_RS	02/05/2022	24	1.9189	0.0000	1.9189	1.9189	0.0000	2
KY_RS	02/06/2022	1	1.8615	0.0000	1.8615	1.8615	0.0000	2
KY_RS	02/06/2022	2	1.8306	0.0000	1.8306	1.8306	0.0000	2
KY_RS	02/06/2022	3	1.8327	0.0000	1.8327	1.8327	0.0000	2
KY_RS	02/06/2022	4	1.8399	0.0000	1.8399	1.8399	0.0000	2
KY_RS	02/06/2022	5	1.8643	0.0000	1.8643	1.8643	0.0000	2
KY_RS	02/06/2022	6	1.8913	0.0000	1.8913	1.8913	0.0000	2
KY_RS	02/06/2022	7	1.9408	0.0000	1.9408	1.9408	0.0000	2
KY_RS	02/06/2022	8	2.0211	0.0000	2.0211	2.0211	0.0000	2
KY_RS	02/06/2022	9	2.0581	1.0082	1.0499	1.0499	0.0000	2
KY_RS	02/06/2022	10	1.9572	0.5156	1.4416	1.4416	0.0000	2
KY_RS	02/06/2022	11	1.8449	0.7978	1.0471	1.0471	0.0000	2
KY_RS	02/06/2022	12	1.7383	1.6952	0.0431	0.0431	0.0000	2
KY_RS	02/06/2022	13	1.6546	2.1247	(0.4701)	0.0000	(0.4701)	2
KY_RS	02/06/2022	14	1.5779	2.3338	(0.7559)	0.0000	(0.7559)	2
KY_RS	02/06/2022	15	1.5114	1.9347	(0.4233)	0.0000	(0.4233)	2
KY_RS	02/06/2022	16	1.4802	1.7486	(0.2685)	0.0000	(0.2685)	2
KY_RS	02/06/2022	17	1.5148	2.0325	(0.5177)	0.0000	(0.5177)	2
KY_RS	02/06/2022	18	1.6500	0.4412	1.2088	1.2088	0.0000	2
KY_RS	02/06/2022	19	1.8058	0.0000	1.8058	1.8058	0.0000	2
KY_RS	02/06/2022	20	1.8574	0.0000	1.8574	1.8574	0.0000	2
KY_RS	02/06/2022	21	1.8291	0.0000	1.8291	1.8291	0.0000	2
KY_RS	02/06/2022	22	1.7516	0.0000	1.7516	1.7516	0.0000	2
KY_RS	02/06/2022	23	1.6394	0.0000	1.6394	1.6394	0.0000	2
KY_RS	02/06/2022	24	1.5368	0.0000	1.5368	1.5368	0.0000	2
KY_RS	02/07/2022	1	1.4752	0.0000	1.4752	1.4752	0.0000	2
KY_RS	02/07/2022	2	1.4618	0.0000	1.4618	1.4618	0.0000	2
KY_RS	02/07/2022	3	1.4629	0.0000	1.4629	1.4629	0.0000	2
KY_RS	02/07/2022	4	1.4819	0.0000	1.4819	1.4819	0.0000	2
KY_RS	02/07/2022	5	1.5295	0.0000	1.5295	1.5295	0.0000	2
KY_RS	02/07/2022	6	1.6076	0.0000	1.6076	1.6076	0.0000	2
KY_RS	02/07/2022	7	1.7287	0.0000	1.7287	1.7287	0.0000	2
KY_RS	02/07/2022	8	1.8168	0.0000	1.8168	1.8168	0.0000	2
KY_RS	02/07/2022	9	1.7589	0.0664	1.6925	1.6925	0.0000	2
KY_RS	02/07/2022	10	1.6188	0.8711	0.7477	0.7477	0.0000	2
KY_RS	02/07/2022	11	1.4907	3.7741	(2.2834)	0.0000	(2.2834)	2
KY_RS	02/07/2022	12	1.4026	4.4212	(3.0186)	0.0000	(3.0186)	2
KY_RS	02/07/2022	13	1.3529	4.6951	(3.3421)	0.0000	(3.3421)	2
KY_RS	02/07/2022	14	1.2964	4.6035	(3.3071)	0.0000	(3.3071)	2
KY_RS	02/07/2022	15	1.2653	4.1883	(2.9230)	0.0000	(2.9230)	2

KY_RS	02/07/2022	16	1.2789	3.4174	(2.1386)	0.0000	(2.1386)			2
KY_RS	02/07/2022	17	1.3503	2.2397	(0.8894)	0.0000	(0.8894)			2
KY_RS	02/07/2022	18	1.5247	0.6178	0.9069	0.0000	0.9069			2
KY_RS	02/07/2022	19	1.7268	0.0000	1.7268	1.7268	0.0000			2
KY_RS	02/07/2022	20	1.8149	0.0000	1.8149	1.8149	0.0000			2
KY_RS	02/07/2022	21	1.8406	0.0000	1.8406	1.8406	0.0000			2
KY_RS	02/07/2022	22	1.8107	0.0000	1.8107	1.8107	0.0000			2
KY_RS	02/07/2022	23	1.7157	0.0000	1.7157	1.7157	0.0000			2
KY_RS	02/07/2022	24	1.6244	0.0000	1.6244	1.6244	0.0000			2
KY_RS	02/08/2022	1	1.5796	0.0000	1.5796	1.5796	0.0000			2
KY_RS	02/08/2022	2	1.5775	0.0000	1.5775	1.5775	0.0000			2
KY_RS	02/08/2022	3	1.6041	0.0000	1.6041	1.6041	0.0000			2
KY_RS	02/08/2022	4	1.6446	0.0000	1.6446	1.6446	0.0000			2
KY_RS	02/08/2022	5	1.7109	0.0000	1.7109	1.7109	0.0000			2
KY_RS	02/08/2022	6	1.8210	0.0000	1.8210	1.8210	0.0000			2
KY_RS	02/08/2022	7	1.9874	0.0000	1.9874	1.9874	0.0000			2
KY_RS	02/08/2022	8	2.0526	0.0000	2.0526	2.0526	0.0000	2.0526	2.0526	2
KY_RS	02/08/2022	9	1.9644	0.0020	1.9623	1.9623	0.0000			2
KY_RS	02/08/2022	10	1.8654	0.0633	1.8021	1.8021	0.0000			2
KY_RS	02/08/2022	11	1.7320	0.1529	1.5791	1.5791	0.0000			2
KY_RS	02/08/2022	12	1.5367	0.6050	0.9317	0.9317	0.0000			2
KY_RS	02/08/2022	13	1.4141	0.4819	0.9322	0.9322	0.0000			2
KY_RS	02/08/2022	14	1.3249	0.6689	0.6560	0.6560	0.0000			2
KY_RS	02/08/2022	15	1.2503	0.8208	0.4295	0.4295	0.0000			2
KY_RS	02/08/2022	16	1.2321	0.3261	0.9060	0.9060	0.0000			2
KY_RS	02/08/2022	17	1.2818	0.2998	0.9820	0.9820	0.0000			2
KY_RS	02/08/2022	18	1.4142	0.0414	1.3727	1.3727	0.0000			2
KY_RS	02/08/2022	19	1.5848	0.0000	1.5848	1.5848	0.0000			2
KY_RS	02/08/2022	20	1.6499	0.0000	1.6499	1.6499	0.0000			2
KY_RS	02/08/2022	21	1.6434	0.0000	1.6434	1.6434	0.0000			2
KY_RS	02/08/2022	22	1.5774	0.0000	1.5774	1.5774	0.0000			2
KY_RS	02/08/2022	23	1.4481	0.0000	1.4481	1.4481	0.0000			2
KY_RS	02/08/2022	24	1.3162	0.0000	1.3162	1.3162	0.0000			2
KY_RS	02/09/2022	1	1.2256	0.0000	1.2256	1.2256	0.0000			2
KY_RS	02/09/2022	2	1.1822	0.0000	1.1822	1.1822	0.0000			2
KY_RS	02/09/2022	3	1.1632	0.0000	1.1632	1.1632	0.0000			2
KY_RS	02/09/2022	4	1.1694	0.0000	1.1694	1.1694	0.0000			2
KY_RS	02/09/2022	5	1.1939	0.0000	1.1939	1.1939	0.0000			2
KY_RS	02/09/2022	6	1.2695	0.0000	1.2695	1.2695	0.0000			2
KY_RS	02/09/2022	7	1.4040	0.0000	1.4040	1.4040	0.0000			2
KY_RS	02/09/2022	8	1.4468	0.0000	1.4468	1.4468	0.0000			2
KY_RS	02/09/2022	9	1.3939	1.2165	0.1774	0.1774	0.0000			2
KY_RS	02/09/2022	10	1.3610	2.9009	(1.5398)	0.0000	(1.5398)			2
KY_RS	02/09/2022	11	1.2551	4.0465	(2.7914)	0.0000	(2.7914)			2
KY_RS	02/09/2022	12	1.1600	4.7045	(3.5445)	0.0000	(3.5445)			2
KY_RS	02/09/2022	13	1.1073	4.9709	(3.8636)	0.0000	(3.8636)			2
KY_RS	02/09/2022	14	1.0605	4.8654	(3.8048)	0.0000	(3.8048)			2
KY_RS	02/09/2022	15	1.0313	4.4510	(3.4198)	0.0000	(3.4198)			2
KY_RS	02/09/2022	16	1.0683	3.6046	(2.5363)	0.0000	(2.5363)			2
KY_RS	02/09/2022	17	1.1482	1.6914	(0.5432)	0.0000	(0.5432)			2
KY_RS	02/09/2022	18	1.3089	0.2563	1.0526	1.0526	0.0000			2
KY_RS	02/09/2022	19	1.4368	0.0000	1.4368	1.4368	0.0000			2
KY_RS	02/09/2022	20	1.4885	0.0000	1.4885	1.4885	0.0000			2
KY_RS	02/09/2022	21	1.4879	0.0000	1.4879	1.4879	0.0000			2
KY_RS	02/09/2022	22	1.4319	0.0000	1.4319	1.4319	0.0000			2
KY_RS	02/09/2022	23	1.3205	0.0000	1.3205	1.3205	0.0000			2
KY_RS	02/09/2022	24	1.2042	0.0000	1.2042	1.2042	0.0000			2
KY_RS	02/10/2022	1	1.1241	0.0000	1.1241	1.1241	0.0000			2
KY_RS	02/10/2022	2	1.0897	0.0000	1.0897	1.0897	0.0000			2
KY_RS	02/10/2022	3	1.0895	0.0000	1.0895	1.0895	0.0000			2
KY_RS	02/10/2022	4	1.1090	0.0000	1.1090	1.1090	0.0000			2
KY_RS	02/10/2022	5	1.1601	0.0000	1.1601	1.1601	0.0000			2
KY_RS	02/10/2022	6	1.2588	0.0000	1.2588	1.2588	0.0000			2
KY_RS	02/10/2022	7	1.4123	0.0000	1.4123	1.4123	0.0000			2
KY_RS	02/10/2022	8	1.4946	0.0000	1.4946	1.4946	0.0000			2
KY_RS	02/10/2022	9	1.4172	0.3885	1.0287	1.0287	0.0000			2
KY_RS	02/10/2022	10	1.2990	0.3669	0.9321	0.9321	0.0000			2
KY_RS	02/10/2022	11	1.2210	1.0393	0.1817	0.1817	0.0000			2
KY_RS	02/10/2022	12	1.1716	1.2050	(0.0334)	0.0000	(0.0334)			2
KY_RS	02/10/2022	13	1.1367	3.1013	(1.9646)	0.0000	(1.9646)			2
KY_RS	02/10/2022	14	1.0964	1.9795	(0.8831)	0.0000	(0.8831)			2
KY_RS	02/10/2022	15	1.0686	0.8206	0.2480	0.2480	0.0000			2
KY_RS	02/10/2022	16	1.0838	0.8966	0.1873	0.1873	0.0000			2
KY_RS	02/10/2022	17	1.1523	0.2168	0.9355	0.9355	0.0000			2
KY_RS	02/10/2022	18	1.2870	0.0558	1.2312	1.2312	0.0000			2
KY_RS	02/10/2022	19	1.4563	0.0000	1.4563	1.4563	0.0000			2
KY_RS	02/10/2022	20	1.5476	0.0000	1.5476	1.5476	0.0000			2
KY_RS	02/10/2022	21	1.5690	0.0000	1.5690	1.5690	0.0000			2
KY_RS	02/10/2022	22	1.5426	0.0000	1.5426	1.5426	0.0000			2

KY_RS	02/10/2022	23	1.4559	0.0000	1.4559	1.4559	0.0000	2
KY_RS	02/10/2022	24	1.3543	0.0000	1.3543	1.3543	0.0000	2
KY_RS	02/11/2022	1	1.2835	0.0000	1.2835	1.2835	0.0000	2
KY_RS	02/11/2022	2	1.2465	0.0000	1.2465	1.2465	0.0000	2
KY_RS	02/11/2022	3	1.2301	0.0000	1.2301	1.2301	0.0000	2
KY_RS	02/11/2022	4	1.2336	0.0000	1.2336	1.2336	0.0000	2
KY_RS	02/11/2022	5	1.2571	0.0000	1.2571	1.2571	0.0000	2
KY_RS	02/11/2022	6	1.3345	0.0000	1.3345	1.3345	0.0000	2
KY_RS	02/11/2022	7	1.4642	0.0000	1.4642	1.4642	0.0000	2
KY_RS	02/11/2022	8	1.5156	0.0000	1.5156	1.5156	0.0000	2
KY_RS	02/11/2022	9	1.4539	1.2184	0.2355	0.2355	0.0000	2
KY_RS	02/11/2022	10	1.3599	2.8536	(1.4937)	0.0000	(1.4937)	2
KY_RS	02/11/2022	11	1.2400	4.0170	(2.7770)	0.0000	(2.7770)	2
KY_RS	02/11/2022	12	1.2221	4.7399	(3.5178)	0.0000	(3.5178)	2
KY_RS	02/11/2022	13	1.2022	5.0779	(3.8757)	0.0000	(3.8757)	2
KY_RS	02/11/2022	14	1.1545	5.0232	(3.8687)	0.0000	(3.8687)	2
KY_RS	02/11/2022	15	1.1243	4.5702	(3.4459)	0.0000	(3.4459)	2
KY_RS	02/11/2022	16	1.1383	3.7076	(2.5693)	0.0000	(2.5693)	2
KY_RS	02/11/2022	17	1.1950	2.4068	(1.2117)	0.0000	(1.2117)	2
KY_RS	02/11/2022	18	1.2854	0.7289	0.5565	0.5565	0.0000	2
KY_RS	02/11/2022	19	1.3395	0.0000	1.3395	1.3395	0.0000	2
KY_RS	02/11/2022	20	1.3528	0.0000	1.3528	1.3528	0.0000	2
KY_RS	02/11/2022	21	1.3412	0.0000	1.3412	1.3412	0.0000	2
KY_RS	02/11/2022	22	1.3023	0.0000	1.3023	1.3023	0.0000	2
KY_RS	02/11/2022	23	1.2417	0.0000	1.2417	1.2417	0.0000	2
KY_RS	02/11/2022	24	1.1574	0.0000	1.1574	1.1574	0.0000	2
KY_RS	02/12/2022	1	1.0885	0.0000	1.0885	1.0885	0.0000	2
KY_RS	02/12/2022	2	1.0555	0.0000	1.0555	1.0555	0.0000	2
KY_RS	02/12/2022	3	1.0378	0.0000	1.0378	1.0378	0.0000	2
KY_RS	02/12/2022	4	1.0630	0.0000	1.0630	1.0630	0.0000	2
KY_RS	02/12/2022	5	1.1085	0.0000	1.1085	1.1085	0.0000	2
KY_RS	02/12/2022	6	1.1663	0.0000	1.1663	1.1663	0.0000	2
KY_RS	02/12/2022	7	1.2537	0.0000	1.2537	1.2537	0.0000	2
KY_RS	02/12/2022	8	1.3613	0.0000	1.3613	1.3613	0.0000	2
KY_RS	02/12/2022	9	1.4895	1.2876	0.2019	0.2019	0.0000	2
KY_RS	02/12/2022	10	1.5860	2.9273	(1.3413)	0.0000	(1.3413)	2
KY_RS	02/12/2022	11	1.6549	3.9841	(2.3292)	0.0000	(2.3292)	2
KY_RS	02/12/2022	12	1.6913	4.5994	(2.9081)	0.0000	(2.9081)	2
KY_RS	02/12/2022	13	1.7082	4.8774	(3.1693)	0.0000	(3.1693)	2
KY_RS	02/12/2022	14	1.7002	4.8342	(3.1340)	0.0000	(3.1340)	2
KY_RS	02/12/2022	15	1.6928	4.4364	(2.7436)	0.0000	(2.7436)	2
KY_RS	02/12/2022	16	1.7088	3.0720	(1.3632)	0.0000	(1.3632)	2
KY_RS	02/12/2022	17	1.7446	2.0864	(0.3418)	0.0000	(0.3418)	2
KY_RS	02/12/2022	18	1.7964	0.7583	1.0381	1.0381	0.0000	2
KY_RS	02/12/2022	19	1.8460	0.0000	1.8460	1.8460	0.0000	2
KY_RS	02/12/2022	20	1.8362	0.0000	1.8362	1.8362	0.0000	2
KY_RS	02/12/2022	21	1.8078	0.0000	1.8078	1.8078	0.0000	2
KY_RS	02/12/2022	22	1.7623	0.0000	1.7623	1.7623	0.0000	2
KY_RS	02/12/2022	23	1.6973	0.0000	1.6973	1.6973	0.0000	2
KY_RS	02/12/2022	24	1.6228	0.0000	1.6228	1.6228	0.0000	2
KY_RS	02/13/2022	1	1.5575	0.0000	1.5575	1.5575	0.0000	2
KY_RS	02/13/2022	2	1.5233	0.0000	1.5233	1.5233	0.0000	2
KY_RS	02/13/2022	3	1.5205	0.0000	1.5205	1.5205	0.0000	2
KY_RS	02/13/2022	4	1.5404	0.0000	1.5404	1.5404	0.0000	2
KY_RS	02/13/2022	5	1.5711	0.0000	1.5711	1.5711	0.0000	2
KY_RS	02/13/2022	6	1.6098	0.0000	1.6098	1.6098	0.0000	2
KY_RS	02/13/2022	7	1.6627	0.0000	1.6627	1.6627	0.0000	2
KY_RS	02/13/2022	8	1.7681	0.0000	1.7681	1.7681	0.0000	2
KY_RS	02/13/2022	9	1.9050	0.7496	1.1554	1.1554	0.0000	2
KY_RS	02/13/2022	10	1.9707	0.2172	1.7535	1.7535	0.0000	2
KY_RS	02/13/2022	11	1.9283	0.1505	1.7778	1.7778	0.0000	2
KY_RS	02/13/2022	12	1.8798	0.2768	1.6030	1.6030	0.0000	2
KY_RS	02/13/2022	13	1.8361	1.3460	0.4901	0.4901	0.0000	2
KY_RS	02/13/2022	14	1.7806	2.0895	(0.3089)	0.0000	(0.3089)	2
KY_RS	02/13/2022	15	1.7283	1.8420	(0.1137)	0.0000	(0.1137)	2
KY_RS	02/13/2022	16	1.7460	2.5205	(0.7746)	0.0000	(0.7746)	2
KY_RS	02/13/2022	17	1.8344	2.4093	(0.5749)	0.0000	(0.5749)	2
KY_RS	02/13/2022	18	1.8975	0.7771	1.1204	1.1204	0.0000	2
KY_RS	02/13/2022	19	1.8632	0.0000	1.8632	1.8632	0.0000	2
KY_RS	02/13/2022	20	1.8401	0.0000	1.8401	1.8401	0.0000	2
KY_RS	02/13/2022	21	1.8483	0.0000	1.8483	1.8483	0.0000	2
KY_RS	02/13/2022	22	1.8171	0.0000	1.8171	1.8171	0.0000	2
KY_RS	02/13/2022	23	1.8884	0.0000	1.8884	1.8884	0.0000	2
KY_RS	02/13/2022	24	1.8723	0.0000	1.8723	1.8723	0.0000	2
KY_RS	02/14/2022	1	1.7951	0.0000	1.7951	1.7951	0.0000	2
KY_RS	02/14/2022	2	1.7691	0.0000	1.7691	1.7691	0.0000	2
KY_RS	02/14/2022	3	1.7813	0.0000	1.7813	1.7813	0.0000	2
KY_RS	02/14/2022	4	1.7980	0.0000	1.7980	1.7980	0.0000	2
KY_RS	02/14/2022	5	1.8056	0.0000	1.8056	1.8056	0.0000	2

KY_RS	02/14/2022	6	1.8583	0.0000	1.8583	1.8583	0.0000	2
KY_RS	02/14/2022	7	1.9325	0.0000	1.9325	1.9325	0.0000	2
KY_RS	02/14/2022	8	1.9876	0.0000	1.9876	1.9876	0.0000	2
KY_RS	02/14/2022	9	1.9856	1.1469	0.8387	0.8387	0.0000	2
KY_RS	02/14/2022	10	1.9700	0.4189	1.5512	1.5512	0.0000	2
KY_RS	02/14/2022	11	1.9075	1.4908	0.4166	0.4166	0.0000	2
KY_RS	02/14/2022	12	1.8385	3.1640	(1.3255)	0.0000	(1.3255)	2
KY_RS	02/14/2022	13	1.7802	5.0102	(3.2300)	0.0000	(3.2300)	2
KY_RS	02/14/2022	14	1.6593	4.9450	(3.2857)	0.0000	(3.2857)	2
KY_RS	02/14/2022	15	1.5552	4.5123	(2.9570)	0.0000	(2.9570)	2
KY_RS	02/14/2022	16	1.5096	3.6539	(2.1443)	0.0000	(2.1443)	2
KY_RS	02/14/2022	17	1.5433	2.4016	(0.8583)	0.0000	(0.8583)	2
KY_RS	02/14/2022	18	1.6718	0.7561	0.9157	0.9157	0.0000	2
KY_RS	02/14/2022	19	1.8546	0.0000	1.8546	1.8546	0.0000	2
KY_RS	02/14/2022	20	1.9331	0.0000	1.9331	1.9331	0.0000	2
KY_RS	02/14/2022	21	1.9438	0.0000	1.9438	1.9438	0.0000	2
KY_RS	02/14/2022	22	1.8846	0.0000	1.8846	1.8846	0.0000	2
KY_RS	02/14/2022	23	1.7788	0.0000	1.7788	1.7788	0.0000	2
KY_RS	02/14/2022	24	1.6750	0.0000	1.6750	1.6750	0.0000	2
KY_RS	02/15/2022	1	1.6187	0.0000	1.6187	1.6187	0.0000	2
KY_RS	02/15/2022	2	1.6042	0.0000	1.6042	1.6042	0.0000	2
KY_RS	02/15/2022	3	1.6129	0.0000	1.6129	1.6129	0.0000	2
KY_RS	02/15/2022	4	1.6376	0.0000	1.6376	1.6376	0.0000	2
KY_RS	02/15/2022	5	1.6869	0.0000	1.6869	1.6869	0.0000	2
KY_RS	02/15/2022	6	1.7839	0.0000	1.7839	1.7839	0.0000	2
KY_RS	02/15/2022	7	1.9403	0.0000	1.9403	1.9403	0.0000	2
KY_RS	02/15/2022	8	1.9901	0.0000	1.9901	1.9901	0.0000	2
KY_RS	02/15/2022	9	1.8510	0.1670	1.6841	1.6841	0.0000	2
KY_RS	02/15/2022	10	1.6542	0.5096	1.1445	1.1445	0.0000	2
KY_RS	02/15/2022	11	1.4973	2.2399	(0.7426)	0.0000	(0.7426)	2
KY_RS	02/15/2022	12	1.3729	1.7002	(0.3273)	0.0000	(0.3273)	2
KY_RS	02/15/2022	13	1.2810	2.7419	(1.4609)	0.0000	(1.4609)	2
KY_RS	02/15/2022	14	1.1896	4.3519	(3.1623)	0.0000	(3.1623)	2
KY_RS	02/15/2022	15	1.1151	3.3383	(2.2232)	0.0000	(2.2232)	2
KY_RS	02/15/2022	16	1.0932	2.0410	(0.9478)	0.0000	(0.9478)	2
KY_RS	02/15/2022	17	1.1407	0.0824	1.0584	1.0584	0.0000	2
KY_RS	02/15/2022	18	1.2764	0.0076	1.2688	1.2688	0.0000	2
KY_RS	02/15/2022	19	1.4231	0.0000	1.4231	1.4231	0.0000	2
KY_RS	02/15/2022	20	1.5094	0.0000	1.5094	1.5094	0.0000	2
KY_RS	02/15/2022	21	1.5145	0.0000	1.5145	1.5145	0.0000	2
KY_RS	02/15/2022	22	1.4566	0.0000	1.4566	1.4566	0.0000	2
KY_RS	02/15/2022	23	1.3371	0.0000	1.3371	1.3371	0.0000	2
KY_RS	02/15/2022	24	1.2046	0.0000	1.2046	1.2046	0.0000	2
KY_RS	02/16/2022	1	1.1094	0.0000	1.1094	1.1094	0.0000	2
KY_RS	02/16/2022	2	1.0552	0.0000	1.0552	1.0552	0.0000	2
KY_RS	02/16/2022	3	1.0324	0.0000	1.0324	1.0324	0.0000	2
KY_RS	02/16/2022	4	1.0293	0.0000	1.0293	1.0293	0.0000	2
KY_RS	02/16/2022	5	1.0533	0.0000	1.0533	1.0533	0.0000	2
KY_RS	02/16/2022	6	1.1273	0.0000	1.1273	1.1273	0.0000	2
KY_RS	02/16/2022	7	1.2591	0.0000	1.2591	1.2591	0.0000	2
KY_RS	02/16/2022	8	1.3141	0.0000	1.3141	1.3141	0.0000	2
KY_RS	02/16/2022	9	1.2442	1.4270	(0.1829)	0.0000	(0.1829)	2
KY_RS	02/16/2022	10	1.1662	3.1303	(1.9641)	0.0000	(1.9641)	2
KY_RS	02/16/2022	11	1.0703	2.8569	(1.7866)	0.0000	(1.7866)	2
KY_RS	02/16/2022	12	1.0247	2.9254	(1.9007)	0.0000	(1.9007)	2
KY_RS	02/16/2022	13	0.9895	3.9431	(2.9536)	0.0000	(2.9536)	2
KY_RS	02/16/2022	14	0.9345	3.8544	(2.9199)	0.0000	(2.9199)	2
KY_RS	02/16/2022	15	0.8929	1.7803	(0.8874)	0.0000	(0.8874)	2
KY_RS	02/16/2022	16	0.9275	2.5198	(1.5923)	0.0000	(1.5923)	2
KY_RS	02/16/2022	17	1.0119	0.3094	0.7025	0.7025	0.0000	2
KY_RS	02/16/2022	18	1.1377	0.4027	0.7350	0.7350	0.0000	2
KY_RS	02/16/2022	19	1.2189	0.0000	1.2189	1.2189	0.0000	2
KY_RS	02/16/2022	20	1.2347	0.0000	1.2347	1.2347	0.0000	2
KY_RS	02/16/2022	21	1.2141	0.0000	1.2141	1.2141	0.0000	2
KY_RS	02/16/2022	22	1.1375	0.0000	1.1375	1.1375	0.0000	2
KY_RS	02/16/2022	23	1.0098	0.0000	1.0098	1.0098	0.0000	2
KY_RS	02/16/2022	24	0.8785	0.0000	0.8785	0.8785	0.0000	2
KY_RS	02/17/2022	1	0.7839	0.0000	0.7839	0.7839	0.0000	2
KY_RS	02/17/2022	2	0.7322	0.0000	0.7322	0.7322	0.0000	2
KY_RS	02/17/2022	3	0.7077	0.0000	0.7077	0.7077	0.0000	2
KY_RS	02/17/2022	4	0.7001	0.0000	0.7001	0.7001	0.0000	2
KY_RS	02/17/2022	5	0.7129	0.0000	0.7129	0.7129	0.0000	2
KY_RS	02/17/2022	6	0.7803	0.0000	0.7803	0.7803	0.0000	2
KY_RS	02/17/2022	7	0.9176	0.0000	0.9176	0.9176	0.0000	2
KY_RS	02/17/2022	8	0.9828	0.0000	0.9828	0.9828	0.0000	2
KY_RS	02/17/2022	9	0.9615	1.5365	(0.5750)	0.0000	(0.5750)	2
KY_RS	02/17/2022	10	0.9583	3.2508	(2.2925)	0.0000	(2.2925)	2
KY_RS	02/17/2022	11	0.9625	4.3566	(3.3941)	0.0000	(3.3941)	2
KY_RS	02/17/2022	12	0.9739	5.0533	(4.0794)	0.0000	(4.0794)	2

KY_RS	02/17/2022	13	0.9894	5.3645	(4.3751)	0.0000	(4.3751)	2
KY_RS	02/17/2022	14	0.9872	5.3010	(4.3138)	0.0000	(4.3138)	2
KY_RS	02/17/2022	15	0.9968	4.8570	(3.8602)	0.0000	(3.8602)	2
KY_RS	02/17/2022	16	1.0563	4.0195	(2.9632)	0.0000	(2.9632)	2
KY_RS	02/17/2022	17	1.1492	2.7282	(1.5790)	0.0000	(1.5790)	2
KY_RS	02/17/2022	18	1.2551	0.9891	0.2660	0.2660	0.0000	2
KY_RS	02/17/2022	19	1.2823	0.0000	1.2823	1.2823	0.0000	2
KY_RS	02/17/2022	20	1.3015	0.0000	1.3015	1.3015	0.0000	2
KY_RS	02/17/2022	21	1.3280	0.0000	1.3280	1.3280	0.0000	2
KY_RS	02/17/2022	22	1.3443	0.0000	1.3443	1.3443	0.0000	2
KY_RS	02/17/2022	23	1.2981	0.0000	1.2981	1.2981	0.0000	2
KY_RS	02/17/2022	24	1.2375	0.0000	1.2375	1.2375	0.0000	2
KY_RS	02/18/2022	1	1.1804	0.0000	1.1804	1.1804	0.0000	2
KY_RS	02/18/2022	2	1.1815	0.0000	1.1815	1.1815	0.0000	2
KY_RS	02/18/2022	3	1.1895	0.0000	1.1895	1.1895	0.0000	2
KY_RS	02/18/2022	4	1.2178	0.0000	1.2178	1.2178	0.0000	2
KY_RS	02/18/2022	5	1.2764	0.0000	1.2764	1.2764	0.0000	2
KY_RS	02/18/2022	6	1.3867	0.0000	1.3867	1.3867	0.0000	2
KY_RS	02/18/2022	7	1.5546	0.0000	1.5546	1.5546	0.0000	2
KY_RS	02/18/2022	8	1.6408	0.0000	1.6408	1.6408	0.0000	2
KY_RS	02/18/2022	9	1.6145	1.1975	0.4170	0.4170	0.0000	2
KY_RS	02/18/2022	10	1.5787	2.2961	(0.7174)	0.0000	(0.7174)	2
KY_RS	02/18/2022	11	1.5346	2.9387	(1.4042)	0.0000	(1.4042)	2
KY_RS	02/18/2022	12	1.5008	3.8909	(2.3901)	0.0000	(2.3901)	2
KY_RS	02/18/2022	13	1.4564	3.9644	(2.5080)	0.0000	(2.5080)	2
KY_RS	02/18/2022	14	1.3721	3.3804	(2.0083)	0.0000	(2.0083)	2
KY_RS	02/18/2022	15	1.3105	3.9093	(2.5988)	0.0000	(2.5988)	2
KY_RS	02/18/2022	16	1.2957	3.3137	(2.0180)	0.0000	(2.0180)	2
KY_RS	02/18/2022	17	1.3300	2.2355	(0.9055)	0.0000	(0.9055)	2
KY_RS	02/18/2022	18	1.4268	0.8567	0.5701	0.5701	0.0000	2
KY_RS	02/18/2022	19	1.5807	0.0000	1.5807	1.5807	0.0000	2
KY_RS	02/18/2022	20	1.6517	0.0000	1.6517	1.6517	0.0000	2
KY_RS	02/18/2022	21	1.6610	0.0000	1.6610	1.6610	0.0000	2
KY_RS	02/18/2022	22	1.6433	0.0000	1.6433	1.6433	0.0000	2
KY_RS	02/18/2022	23	1.5873	0.0000	1.5873	1.5873	0.0000	2
KY_RS	02/18/2022	24	1.5186	0.0000	1.5186	1.5186	0.0000	2
KY_RS	02/19/2022	1	1.4560	0.0000	1.4560	1.4560	0.0000	2
KY_RS	02/19/2022	2	1.4121	0.0000	1.4121	1.4121	0.0000	2
KY_RS	02/19/2022	3	1.3902	0.0000	1.3902	1.3902	0.0000	2
KY_RS	02/19/2022	4	1.3813	0.0000	1.3813	1.3813	0.0000	2
KY_RS	02/19/2022	5	1.3807	0.0000	1.3807	1.3807	0.0000	2
KY_RS	02/19/2022	6	1.3948	0.0000	1.3948	1.3948	0.0000	2
KY_RS	02/19/2022	7	1.4177	0.0000	1.4177	1.4177	0.0000	2
KY_RS	02/19/2022	8	1.5065	0.0000	1.5065	1.5065	0.0000	2
KY_RS	02/19/2022	9	1.6123	0.0463	1.5659	1.5659	0.0000	2
KY_RS	02/19/2022	10	1.6283	0.3656	1.2627	1.2627	0.0000	2
KY_RS	02/19/2022	11	1.6475	0.3331	1.3144	1.3144	0.0000	2
KY_RS	02/19/2022	12	1.6420	1.0360	0.6060	0.6060	0.0000	2
KY_RS	02/19/2022	13	1.6000	2.4854	(0.8853)	0.0000	(0.8853)	2
KY_RS	02/19/2022	14	1.5335	0.8048	0.7287	0.7287	0.0000	2
KY_RS	02/19/2022	15	1.4766	1.5627	(0.0861)	0.0000	(0.0861)	2
KY_RS	02/19/2022	16	1.4386	1.2593	0.1793	0.1793	0.0000	2
KY_RS	02/19/2022	17	1.4468	0.5005	0.9463	0.9463	0.0000	2
KY_RS	02/19/2022	18	1.5209	0.0021	1.5188	1.5188	0.0000	2
KY_RS	02/19/2022	19	1.6658	0.0000	1.6658	1.6658	0.0000	2
KY_RS	02/19/2022	20	1.7370	0.0000	1.7370	1.7370	0.0000	2
KY_RS	02/19/2022	21	1.7480	0.0000	1.7480	1.7480	0.0000	2
KY_RS	02/19/2022	22	1.7312	0.0000	1.7312	1.7312	0.0000	2
KY_RS	02/19/2022	23	1.6873	0.0000	1.6873	1.6873	0.0000	2
KY_RS	02/19/2022	24	1.6316	0.0000	1.6316	1.6316	0.0000	2
KY_RS	02/20/2022	1	1.5891	0.0000	1.5891	1.5891	0.0000	2
KY_RS	02/20/2022	2	1.5625	0.0000	1.5625	1.5625	0.0000	2
KY_RS	02/20/2022	3	1.5535	0.0000	1.5535	1.5535	0.0000	2
KY_RS	02/20/2022	4	1.5473	0.0000	1.5473	1.5473	0.0000	2
KY_RS	02/20/2022	5	1.5541	0.0000	1.5541	1.5541	0.0000	2
KY_RS	02/20/2022	6	1.5724	0.0000	1.5724	1.5724	0.0000	2
KY_RS	02/20/2022	7	1.6165	0.0000	1.6165	1.6165	0.0000	2
KY_RS	02/20/2022	8	1.6882	0.0000	1.6882	1.6882	0.0000	2
KY_RS	02/20/2022	9	1.6998	0.7576	0.9423	0.9423	0.0000	2
KY_RS	02/20/2022	10	1.6331	0.8838	0.7493	0.7493	0.0000	2
KY_RS	02/20/2022	11	1.5608	2.6094	(1.0486)	0.0000	(1.0486)	2
KY_RS	02/20/2022	12	1.4853	5.1075	(3.6222)	0.0000	(3.6222)	2
KY_RS	02/20/2022	13	1.4008	5.3938	(3.9930)	0.0000	(3.9930)	2
KY_RS	02/20/2022	14	1.3011	5.3473	(4.0462)	0.0000	(4.0462)	2
KY_RS	02/20/2022	15	1.2179	4.2405	(3.0226)	0.0000	(3.0226)	2
KY_RS	02/20/2022	16	1.1729	3.3417	(2.1689)	0.0000	(2.1689)	2
KY_RS	02/20/2022	17	1.1793	2.7382	(1.5588)	0.0000	(1.5588)	2
KY_RS	02/20/2022	18	1.2357	0.4049	0.8309	0.8309	0.0000	2
KY_RS	02/20/2022	19	1.3237	0.0000	1.3237	1.3237	0.0000	2

KY_RS	02/20/2022	20	1.3916	0.0000	1.3916	1.3916	0.0000	2
KY_RS	02/20/2022	21	1.3732	0.0000	1.3732	1.3732	0.0000	2
KY_RS	02/20/2022	22	1.3043	0.0000	1.3043	1.3043	0.0000	2
KY_RS	02/20/2022	23	1.2035	0.0000	1.2035	1.2035	0.0000	2
KY_RS	02/20/2022	24	1.1023	0.0000	1.1023	1.1023	0.0000	2
KY_RS	02/21/2022	1	1.0210	0.0000	1.0210	1.0210	0.0000	2
KY_RS	02/21/2022	2	0.9892	0.0000	0.9892	0.9892	0.0000	2
KY_RS	02/21/2022	3	0.9832	0.0000	0.9832	0.9832	0.0000	2
KY_RS	02/21/2022	4	0.9929	0.0000	0.9929	0.9929	0.0000	2
KY_RS	02/21/2022	5	1.0247	0.0000	1.0247	1.0247	0.0000	2
KY_RS	02/21/2022	6	1.0958	0.0000	1.0958	1.0958	0.0000	2
KY_RS	02/21/2022	7	1.1900	0.0000	1.1900	1.1900	0.0000	2
KY_RS	02/21/2022	8	1.2740	0.0000	1.2740	1.2740	0.0000	2
KY_RS	02/21/2022	9	1.2352	0.2092	1.0261	1.0261	0.0000	2
KY_RS	02/21/2022	10	1.1633	0.6643	0.4990	0.4990	0.0000	2
KY_RS	02/21/2022	11	1.1022	2.6169	(1.5146)	0.0000	(1.5146)	2
KY_RS	02/21/2022	12	1.0554	4.9518	(3.8964)	0.0000	(3.8964)	2
KY_RS	02/21/2022	13	1.0393	5.2490	(4.2097)	0.0000	(4.2097)	2
KY_RS	02/21/2022	14	1.0158	5.1443	(4.1284)	0.0000	(4.1284)	2
KY_RS	02/21/2022	15	0.9777	4.1003	(3.1226)	0.0000	(3.1226)	2
KY_RS	02/21/2022	16	0.9560	2.4264	(1.4704)	0.0000	(1.4704)	2
KY_RS	02/21/2022	17	0.9996	0.7901	0.2095	0.2095	0.0000	2
KY_RS	02/21/2022	18	1.1073	0.3383	0.7691	0.7691	0.0000	2
KY_RS	02/21/2022	19	1.2023	0.0000	1.2023	1.2023	0.0000	2
KY_RS	02/21/2022	20	1.2627	0.0000	1.2627	1.2627	0.0000	2
KY_RS	02/21/2022	21	1.2293	0.0000	1.2293	1.2293	0.0000	2
KY_RS	02/21/2022	22	1.1346	0.0000	1.1346	1.1346	0.0000	2
KY_RS	02/21/2022	23	1.0018	0.0000	1.0018	1.0018	0.0000	2
KY_RS	02/21/2022	24	0.8660	0.0000	0.8660	0.8660	0.0000	2
KY_RS	02/22/2022	1	0.7720	0.0000	0.7720	0.7720	0.0000	2
KY_RS	02/22/2022	2	0.7164	0.0000	0.7164	0.7164	0.0000	2
KY_RS	02/22/2022	3	0.6904	0.0000	0.6904	0.6904	0.0000	2
KY_RS	02/22/2022	4	0.6860	0.0000	0.6860	0.6860	0.0000	2
KY_RS	02/22/2022	5	0.6997	0.0000	0.6997	0.6997	0.0000	2
KY_RS	02/22/2022	6	0.7634	0.0000	0.7634	0.7634	0.0000	2
KY_RS	02/22/2022	7	0.8908	0.0000	0.8908	0.8908	0.0000	2
KY_RS	02/22/2022	8	0.9510	0.0000	0.9510	0.9510	0.0000	2
KY_RS	02/22/2022	9	0.9270	0.0000	0.9270	0.9270	0.0000	2
KY_RS	02/22/2022	10	0.9208	0.2224	0.6984	0.6984	0.0000	2
KY_RS	02/22/2022	11	0.9380	0.8260	0.1119	0.1119	0.0000	2
KY_RS	02/22/2022	12	0.9507	0.7574	0.1933	0.1933	0.0000	2
KY_RS	02/22/2022	13	0.9554	1.2999	(0.3444)	0.0000	(0.3444)	2
KY_RS	02/22/2022	14	0.9129	1.1098	(0.1969)	0.0000	(0.1969)	2
KY_RS	02/22/2022	15	0.8996	0.4883	0.4113	0.4113	0.0000	2
KY_RS	02/22/2022	16	0.9386	0.6835	0.2551	0.2551	0.0000	2
KY_RS	02/22/2022	17	1.0160	0.4406	0.5753	0.5753	0.0000	2
KY_RS	02/22/2022	18	1.1267	0.8514	0.2753	0.2753	0.0000	2
KY_RS	02/22/2022	19	1.1943	0.0000	1.1943	1.1943	0.0000	2
KY_RS	02/22/2022	20	1.2067	0.0000	1.2067	1.2067	0.0000	2
KY_RS	02/22/2022	21	1.1660	0.0000	1.1660	1.1660	0.0000	2
KY_RS	02/22/2022	22	1.0780	0.0000	1.0780	1.0780	0.0000	2
KY_RS	02/22/2022	23	0.9618	0.0000	0.9618	0.9618	0.0000	2
KY_RS	02/22/2022	24	0.8558	0.0000	0.8558	0.8558	0.0000	2
KY_RS	02/23/2022	1	0.7937	0.0000	0.7937	0.7937	0.0000	2
KY_RS	02/23/2022	2	0.7896	0.0000	0.7896	0.7896	0.0000	2
KY_RS	02/23/2022	3	0.8185	0.0000	0.8185	0.8185	0.0000	2
KY_RS	02/23/2022	4	0.8720	0.0000	0.8720	0.8720	0.0000	2
KY_RS	02/23/2022	5	0.9613	0.0000	0.9613	0.9613	0.0000	2
KY_RS	02/23/2022	6	1.0919	0.0000	1.0919	1.0919	0.0000	2
KY_RS	02/23/2022	7	1.2905	0.0000	1.2905	1.2905	0.0000	2
KY_RS	02/23/2022	8	1.3985	0.0000	1.3985	1.3985	0.0000	2
KY_RS	02/23/2022	9	1.3977	0.2595	1.1382	1.1382	0.0000	2
KY_RS	02/23/2022	10	1.4084	3.0537	(1.6453)	0.0000	(1.6453)	2
KY_RS	02/23/2022	11	1.4188	4.1498	(2.7310)	0.0000	(2.7310)	2
KY_RS	02/23/2022	12	1.4298	4.8449	(3.4151)	0.0000	(3.4151)	2
KY_RS	02/23/2022	13	1.4398	5.1235	(3.6837)	0.0000	(3.6837)	2
KY_RS	02/23/2022	14	1.4292	5.0477	(3.6185)	0.0000	(3.6185)	2
KY_RS	02/23/2022	15	1.4331	4.6470	(3.2140)	0.0000	(3.2140)	2
KY_RS	02/23/2022	16	1.4855	3.8345	(2.3490)	0.0000	(2.3490)	2
KY_RS	02/23/2022	17	1.5805	2.6176	(1.0370)	0.0000	(1.0370)	2
KY_RS	02/23/2022	18	1.6974	0.9979	0.6995	0.6995	0.0000	2
KY_RS	02/23/2022	19	1.7786	0.0000	1.7786	1.7786	0.0000	2
KY_RS	02/23/2022	20	1.7970	0.0000	1.7970	1.7970	0.0000	2
KY_RS	02/23/2022	21	1.7776	0.0000	1.7776	1.7776	0.0000	2
KY_RS	02/23/2022	22	1.6992	0.0000	1.6992	1.6992	0.0000	2
KY_RS	02/23/2022	23	1.5793	0.0000	1.5793	1.5793	0.0000	2
KY_RS	02/23/2022	24	1.4582	0.0000	1.4582	1.4582	0.0000	2
KY_RS	02/24/2022	1	1.3743	0.0000	1.3743	1.3743	0.0000	2
KY_RS	02/24/2022	2	1.3324	0.0000	1.3324	1.3324	0.0000	2

KY_RS	02/24/2022	3	1.3127	0.0000	1.3127	1.3127	0.0000	2
KY_RS	02/24/2022	4	1.3035	0.0000	1.3035	1.3035	0.0000	2
KY_RS	02/24/2022	5	1.3352	0.0000	1.3352	1.3352	0.0000	2
KY_RS	02/24/2022	6	1.4310	0.0000	1.4310	1.4310	0.0000	2
KY_RS	02/24/2022	7	1.5720	0.0000	1.5720	1.5720	0.0000	2
KY_RS	02/24/2022	8	1.6229	0.0426	1.5803	1.5803	0.0000	2
KY_RS	02/24/2022	9	1.5798	1.5076	0.0722	0.0722	0.0000	2
KY_RS	02/24/2022	10	1.5435	3.0907	(1.5472)	0.0000	(1.5472)	2
KY_RS	02/24/2022	11	1.5051	4.2136	(2.7085)	0.0000	(2.7085)	2
KY_RS	02/24/2022	12	1.4417	4.8702	(3.4286)	0.0000	(3.4286)	2
KY_RS	02/24/2022	13	1.3979	5.1719	(3.7740)	0.0000	(3.7740)	2
KY_RS	02/24/2022	14	1.3593	5.1171	(3.7578)	0.0000	(3.7578)	2
KY_RS	02/24/2022	15	1.3560	4.6602	(3.3042)	0.0000	(3.3042)	2
KY_RS	02/24/2022	16	1.4191	3.8337	(2.4146)	0.0000	(2.4146)	2
KY_RS	02/24/2022	17	1.5369	2.6642	(1.1273)	0.0000	(1.1273)	2
KY_RS	02/24/2022	18	1.6659	1.0250	0.6409	0.6409	0.0000	2
KY_RS	02/24/2022	19	1.7226	0.0000	1.7226	1.7226	0.0000	2
KY_RS	02/24/2022	20	1.7342	0.0000	1.7342	1.7342	0.0000	2
KY_RS	02/24/2022	21	1.6994	0.0000	1.6994	1.6994	0.0000	2
KY_RS	02/24/2022	22	1.6068	0.0000	1.6068	1.6068	0.0000	2
KY_RS	02/24/2022	23	1.4652	0.0000	1.4652	1.4652	0.0000	2
KY_RS	02/24/2022	24	1.3301	0.0000	1.3301	1.3301	0.0000	2
KY_RS	02/25/2022	1	1.2400	0.0000	1.2400	1.2400	0.0000	2
KY_RS	02/25/2022	2	1.1908	0.0000	1.1908	1.1908	0.0000	2
KY_RS	02/25/2022	3	1.1766	0.0000	1.1766	1.1766	0.0000	2
KY_RS	02/25/2022	4	1.2030	0.0000	1.2030	1.2030	0.0000	2
KY_RS	02/25/2022	5	1.2483	0.0000	1.2483	1.2483	0.0000	2
KY_RS	02/25/2022	6	1.3316	0.0000	1.3316	1.3316	0.0000	2
KY_RS	02/25/2022	7	1.4803	0.0000	1.4803	1.4803	0.0000	2
KY_RS	02/25/2022	8	1.5514	0.0589	1.4925	1.4925	0.0000	2
KY_RS	02/25/2022	9	1.5522	1.5572	(0.0050)	0.0000	(0.0050)	2
KY_RS	02/25/2022	10	1.5528	3.1166	(1.5638)	0.0000	(1.5638)	2
KY_RS	02/25/2022	11	1.5500	4.2170	(2.6669)	0.0000	(2.6669)	2
KY_RS	02/25/2022	12	1.5581	4.1725	(2.6144)	0.0000	(2.6144)	2
KY_RS	02/25/2022	13	1.5611	4.5135	(2.9523)	0.0000	(2.9523)	2
KY_RS	02/25/2022	14	1.5479	5.1496	(3.6017)	0.0000	(3.6017)	2
KY_RS	02/25/2022	15	1.5383	4.7494	(3.2111)	0.0000	(3.2111)	2
KY_RS	02/25/2022	16	1.5794	3.9454	(2.3659)	0.0000	(2.3659)	2
KY_RS	02/25/2022	17	1.6487	2.7198	(1.0711)	0.0000	(1.0711)	2
KY_RS	02/25/2022	18	1.7226	1.0876	0.6350	0.6350	0.0000	2
KY_RS	02/25/2022	19	1.7530	0.0000	1.7530	1.7530	0.0000	2
KY_RS	02/25/2022	20	1.7407	0.0000	1.7407	1.7407	0.0000	2
KY_RS	02/25/2022	21	1.7056	0.0000	1.7056	1.7056	0.0000	2
KY_RS	02/25/2022	22	1.6512	0.0000	1.6512	1.6512	0.0000	2
KY_RS	02/25/2022	23	1.5721	0.0000	1.5721	1.5721	0.0000	2
KY_RS	02/25/2022	24	1.4865	0.0000	1.4865	1.4865	0.0000	2
KY_RS	02/26/2022	1	1.4143	0.0000	1.4143	1.4143	0.0000	2
KY_RS	02/26/2022	2	1.3685	0.0000	1.3685	1.3685	0.0000	2
KY_RS	02/26/2022	3	1.3448	0.0000	1.3448	1.3448	0.0000	2
KY_RS	02/26/2022	4	1.3389	0.0000	1.3389	1.3389	0.0000	2
KY_RS	02/26/2022	5	1.3518	0.0000	1.3518	1.3518	0.0000	2
KY_RS	02/26/2022	6	1.3874	0.0000	1.3874	1.3874	0.0000	2
KY_RS	02/26/2022	7	1.4457	0.0000	1.4457	1.4457	0.0000	2
KY_RS	02/26/2022	8	1.5385	0.0000	1.5385	1.5385	0.0000	2
KY_RS	02/26/2022	9	1.6321	0.0026	1.6296	1.6296	0.0000	2
KY_RS	02/26/2022	10	1.6899	0.6423	1.0476	1.0476	0.0000	2
KY_RS	02/26/2022	11	1.6805	0.5717	1.1088	1.1088	0.0000	2
KY_RS	02/26/2022	12	1.6606	1.3727	0.2879	0.2879	0.0000	2
KY_RS	02/26/2022	13	1.6275	1.7745	(0.1470)	0.0000	(0.1470)	2
KY_RS	02/26/2022	14	1.5409	1.1442	0.3967	0.3967	0.0000	2
KY_RS	02/26/2022	15	1.4176	0.4951	0.9224	0.9224	0.0000	2
KY_RS	02/26/2022	16	1.3697	0.9117	0.4580	0.4580	0.0000	2
KY_RS	02/26/2022	17	1.3974	0.2753	1.1221	1.1221	0.0000	2
KY_RS	02/26/2022	18	1.4431	0.0337	1.4094	1.4094	0.0000	2
KY_RS	02/26/2022	19	1.5296	0.0000	1.5296	1.5296	0.0000	2
KY_RS	02/26/2022	20	1.5929	0.0000	1.5929	1.5929	0.0000	2
KY_RS	02/26/2022	21	1.6077	0.0000	1.6077	1.6077	0.0000	2
KY_RS	02/26/2022	22	1.5933	0.0000	1.5933	1.5933	0.0000	2
KY_RS	02/26/2022	23	1.5532	0.0000	1.5532	1.5532	0.0000	2
KY_RS	02/26/2022	24	1.5113	0.0000	1.5113	1.5113	0.0000	2
KY_RS	02/27/2022	1	1.4644	0.0000	1.4644	1.4644	0.0000	2
KY_RS	02/27/2022	2	1.4268	0.0000	1.4268	1.4268	0.0000	2
KY_RS	02/27/2022	3	1.4197	0.0000	1.4197	1.4197	0.0000	2
KY_RS	02/27/2022	4	1.4263	0.0000	1.4263	1.4263	0.0000	2
KY_RS	02/27/2022	5	1.4543	0.0000	1.4543	1.4543	0.0000	2
KY_RS	02/27/2022	6	1.4996	0.0000	1.4996	1.4996	0.0000	2
KY_RS	02/27/2022	7	1.5642	0.0000	1.5642	1.5642	0.0000	2
KY_RS	02/27/2022	8	1.6588	0.0000	1.6588	1.6588	0.0000	2
KY_RS	02/27/2022	9	1.6565	0.0080	1.6485	1.6485	0.0000	2

KY_RS	02/27/2022	10	1.5860	0.5043	1.0817	1.0817	0.0000	2
KY_RS	02/27/2022	11	1.5101	0.8946	0.6155	0.6155	0.0000	2
KY_RS	02/27/2022	12	1.4452	0.5365	0.9087	0.9087	0.0000	2
KY_RS	02/27/2022	13	1.3851	0.4539	0.9312	0.9312	0.0000	2
KY_RS	02/27/2022	14	1.3128	0.6648	0.6480	0.6480	0.0000	2
KY_RS	02/27/2022	15	1.2482	0.7526	0.4955	0.4955	0.0000	2
KY_RS	02/27/2022	16	1.2184	1.3221	(0.1037)	0.0000	(0.1037)	2
KY_RS	02/27/2022	17	1.2310	0.8183	0.4126	0.4126	0.0000	2
KY_RS	02/27/2022	18	1.3069	0.0238	1.2831	1.2831	0.0000	2
KY_RS	02/27/2022	19	1.4321	0.0000	1.4321	1.4321	0.0000	2
KY_RS	02/27/2022	20	1.5482	0.0000	1.5482	1.5482	0.0000	2
KY_RS	02/27/2022	21	1.5636	0.0000	1.5636	1.5636	0.0000	2
KY_RS	02/27/2022	22	1.5063	0.0000	1.5063	1.5063	0.0000	2
KY_RS	02/27/2022	23	1.3964	0.0000	1.3964	1.3964	0.0000	2
KY_RS	02/27/2022	24	1.2844	0.0000	1.2844	1.2844	0.0000	2
KY_RS	02/28/2022	1	1.2166	0.0000	1.2166	1.2166	0.0000	2
KY_RS	02/28/2022	2	1.1965	0.0000	1.1965	1.1965	0.0000	2
KY_RS	02/28/2022	3	1.2006	0.0000	1.2006	1.2006	0.0000	2
KY_RS	02/28/2022	4	1.2277	0.0000	1.2277	1.2277	0.0000	2
KY_RS	02/28/2022	5	1.2815	0.0000	1.2815	1.2815	0.0000	2
KY_RS	02/28/2022	6	1.3882	0.0000	1.3882	1.3882	0.0000	2
KY_RS	02/28/2022	7	1.5581	0.0000	1.5581	1.5581	0.0000	2
KY_RS	02/28/2022	8	1.6399	0.0381	1.6018	1.6018	0.0000	2
KY_RS	02/28/2022	9	1.4883	0.1605	1.3278	1.3278	0.0000	2
KY_RS	02/28/2022	10	1.3193	0.2753	1.0439	1.0439	0.0000	2
KY_RS	02/28/2022	11	1.2145	0.3692	0.8452	0.8452	0.0000	2
KY_RS	02/28/2022	12	1.1432	0.5618	0.5814	0.5814	0.0000	2
KY_RS	02/28/2022	13	1.0889	0.4648	0.6241	0.6241	0.0000	2
KY_RS	02/28/2022	14	1.0268	0.3739	0.6529	0.6529	0.0000	2
KY_RS	02/28/2022	15	0.9730	0.3014	0.6716	0.6716	0.0000	2
KY_RS	02/28/2022	16	0.9714	0.4609	0.5105	0.5105	0.0000	2
KY_RS	02/28/2022	17	1.0279	0.1536	0.8742	0.8742	0.0000	2
KY_RS	02/28/2022	18	1.1516	0.9702	0.1815	0.1815	0.0000	2
KY_RS	02/28/2022	19	1.2992	0.0000	1.2992	1.2992	0.0000	2
KY_RS	02/28/2022	20	1.3920	0.0000	1.3920	1.3920	0.0000	2
KY_RS	02/28/2022	21	1.3946	0.0000	1.3946	1.3946	0.0000	2
KY_RS	02/28/2022	22	1.3384	0.0000	1.3384	1.3384	0.0000	2
KY_RS	02/28/2022	23	1.2313	0.0000	1.2313	1.2313	0.0000	2
KY_RS	02/28/2022	24	1.1289	0.0000	1.1289	1.1289	0.0000	2
KY_RS	03/01/2022	1	1.0561	0.0000	1.0561	1.0561	0.0000	3
KY_RS	03/01/2022	2	1.0314	0.0000	1.0314	1.0314	0.0000	3
KY_RS	03/01/2022	3	1.0224	0.0000	1.0224	1.0224	0.0000	3
KY_RS	03/01/2022	4	1.0254	0.0000	1.0254	1.0254	0.0000	3
KY_RS	03/01/2022	5	1.0518	0.0000	1.0518	1.0518	0.0000	3
KY_RS	03/01/2022	6	1.1241	0.0000	1.1241	1.1241	0.0000	3
KY_RS	03/01/2022	7	1.2541	0.0000	1.2541	1.2541	0.0000	3
KY_RS	03/01/2022	8	1.3036	0.1031	1.2005	1.2005	0.0000	3
KY_RS	03/01/2022	9	1.2385	1.6333	(0.3949)	0.0000	(0.3949)	3
KY_RS	03/01/2022	10	1.1812	3.1480	(1.9669)	0.0000	(1.9669)	3
KY_RS	03/01/2022	11	1.0906	4.1560	(3.0654)	0.0000	(3.0654)	3
KY_RS	03/01/2022	12	0.9904	4.0005	(3.0101)	0.0000	(3.0101)	3
KY_RS	03/01/2022	13	0.9260	4.3527	(3.4267)	0.0000	(3.4267)	3
KY_RS	03/01/2022	14	0.8717	4.8409	(3.9692)	0.0000	(3.9692)	3
KY_RS	03/01/2022	15	0.8315	4.4971	(3.6656)	0.0000	(3.6656)	3
KY_RS	03/01/2022	16	0.8344	3.7379	(2.9035)	0.0000	(2.9035)	3
KY_RS	03/01/2022	17	0.8813	2.5865	(1.7052)	0.0000	(1.7052)	3
KY_RS	03/01/2022	18	0.9765	1.0289	(0.0523)	0.0000	(0.0523)	3
KY_RS	03/01/2022	19	1.0849	0.0000	1.0849	1.0849	0.0000	3
KY_RS	03/01/2022	20	1.1687	0.0000	1.1687	1.1687	0.0000	3
KY_RS	03/01/2022	21	1.1630	0.0000	1.1630	1.1630	0.0000	3
KY_RS	03/01/2022	22	1.0954	0.0000	1.0954	1.0954	0.0000	3
KY_RS	03/01/2022	23	0.9809	0.0000	0.9809	0.9809	0.0000	3
KY_RS	03/01/2022	24	0.8632	0.0000	0.8632	0.8632	0.0000	3
KY_RS	03/02/2022	1	0.7792	0.0000	0.7792	0.7792	0.0000	3
KY_RS	03/02/2022	2	0.7373	0.0000	0.7373	0.7373	0.0000	3
KY_RS	03/02/2022	3	0.7304	0.0000	0.7304	0.7304	0.0000	3
KY_RS	03/02/2022	4	0.7528	0.0000	0.7528	0.7528	0.0000	3
KY_RS	03/02/2022	5	0.8085	0.0000	0.8085	0.8085	0.0000	3
KY_RS	03/02/2022	6	0.9184	0.0000	0.9184	0.9184	0.0000	3
KY_RS	03/02/2022	7	1.0957	0.0000	1.0957	1.0957	0.0000	3
KY_RS	03/02/2022	8	1.1780	0.0000	1.1780	1.1780	0.0000	3
KY_RS	03/02/2022	9	1.0737	0.4917	0.5820	0.5820	0.0000	3
KY_RS	03/02/2022	10	0.9785	0.4578	0.5206	0.5206	0.0000	3
KY_RS	03/02/2022	11	0.9121	0.6270	0.2851	0.2851	0.0000	3
KY_RS	03/02/2022	12	0.8613	1.2113	(0.3500)	0.0000	(0.3500)	3
KY_RS	03/02/2022	13	0.8252	1.1255	(0.3003)	0.0000	(0.3003)	3
KY_RS	03/02/2022	14	0.7885	1.3330	(0.5445)	0.0000	(0.5445)	3
KY_RS	03/02/2022	15	0.7626	0.9523	(0.1897)	0.0000	(0.1897)	3
KY_RS	03/02/2022	16	0.7823	1.3024	(0.5201)	0.0000	(0.5201)	3

KY_RS	03/02/2022	17	0.8367	0.4089	0.4278	0.4278	0.0000	3
KY_RS	03/02/2022	18	0.9250	0.1495	0.7755	0.7755	0.0000	3
KY_RS	03/02/2022	19	1.0269	0.0000	1.0269	1.0269	0.0000	3
KY_RS	03/02/2022	20	1.1074	0.0000	1.1074	1.1074	0.0000	3
KY_RS	03/02/2022	21	1.0966	0.0000	1.0966	1.0966	0.0000	3
KY_RS	03/02/2022	22	1.0200	0.0000	1.0200	1.0200	0.0000	3
KY_RS	03/02/2022	23	0.8981	0.0000	0.8981	0.8981	0.0000	3
KY_RS	03/02/2022	24	0.7676	0.0000	0.7676	0.7676	0.0000	3
KY_RS	03/03/2022	1	0.6747	0.0000	0.6747	0.6747	0.0000	3
KY_RS	03/03/2022	2	0.6267	0.0000	0.6267	0.6267	0.0000	3
KY_RS	03/03/2022	3	0.6119	0.0000	0.6119	0.6119	0.0000	3
KY_RS	03/03/2022	4	0.6276	0.0000	0.6276	0.6276	0.0000	3
KY_RS	03/03/2022	5	0.6697	0.0000	0.6697	0.6697	0.0000	3
KY_RS	03/03/2022	6	0.7717	0.0000	0.7717	0.7717	0.0000	3
KY_RS	03/03/2022	7	0.9556	0.0000	0.9556	0.9556	0.0000	3
KY_RS	03/03/2022	8	1.0575	0.0827	0.9748	0.9748	0.0000	3
KY_RS	03/03/2022	9	1.0461	0.0818	0.9644	0.9644	0.0000	3
KY_RS	03/03/2022	10	1.0368	2.1459	(1.1090)	0.0000	(1.1090)	3
KY_RS	03/03/2022	11	1.0280	1.2475	(0.2195)	0.0000	(0.2195)	3
KY_RS	03/03/2022	12	1.0441	1.3092	(0.2651)	0.0000	(0.2651)	3
KY_RS	03/03/2022	13	1.0494	1.5331	(0.4837)	0.0000	(0.4837)	3
KY_RS	03/03/2022	14	0.9959	3.0309	(2.0350)	0.0000	(2.0350)	3
KY_RS	03/03/2022	15	0.9764	1.8148	(0.8384)	0.0000	(0.8384)	3
KY_RS	03/03/2022	16	0.9836	0.6287	0.3549	0.3549	0.0000	3
KY_RS	03/03/2022	17	1.0819	0.6111	0.4708	0.4708	0.0000	3
KY_RS	03/03/2022	18	1.2371	0.2883	0.9489	0.9489	0.0000	3
KY_RS	03/03/2022	19	1.3518	0.0000	1.3518	1.3518	0.0000	3
KY_RS	03/03/2022	20	1.4341	0.0000	1.4341	1.4341	0.0000	3
KY_RS	03/03/2022	21	1.4550	0.0000	1.4550	1.4550	0.0000	3
KY_RS	03/03/2022	22	1.4005	0.0000	1.4005	1.4005	0.0000	3
KY_RS	03/03/2022	23	1.2877	0.0000	1.2877	1.2877	0.0000	3
KY_RS	03/03/2022	24	1.1773	0.0000	1.1773	1.1773	0.0000	3
KY_RS	03/04/2022	1	1.1068	0.0000	1.1068	1.1068	0.0000	3
KY_RS	03/04/2022	2	1.0758	0.0000	1.0758	1.0758	0.0000	3
KY_RS	03/04/2022	3	1.0733	0.0000	1.0733	1.0733	0.0000	3
KY_RS	03/04/2022	4	1.0913	0.0000	1.0913	1.0913	0.0000	3
KY_RS	03/04/2022	5	1.1400	0.0000	1.1400	1.1400	0.0000	3
KY_RS	03/04/2022	6	1.2387	0.0000	1.2387	1.2387	0.0000	3
KY_RS	03/04/2022	7	1.4036	0.0000	1.4036	1.4036	0.0000	3
KY_RS	03/04/2022	8	1.4652	0.0138	1.4514	1.4514	0.0000	3
KY_RS	03/04/2022	9	1.3583	0.5306	0.8276	0.8276	0.0000	3
KY_RS	03/04/2022	10	1.2458	1.4672	(0.2214)	0.0000	(0.2214)	3
KY_RS	03/04/2022	11	1.1560	3.1919	(2.0359)	0.0000	(2.0359)	3
KY_RS	03/04/2022	12	1.0771	4.2173	(3.1402)	0.0000	(3.1402)	3
KY_RS	03/04/2022	13	1.0158	4.4699	(3.4541)	0.0000	(3.4541)	3
KY_RS	03/04/2022	14	0.9500	4.2240	(3.2740)	0.0000	(3.2740)	3
KY_RS	03/04/2022	15	0.9127	5.0924	(4.1797)	0.0000	(4.1797)	3
KY_RS	03/04/2022	16	0.9412	4.1307	(3.1894)	0.0000	(3.1894)	3
KY_RS	03/04/2022	17	1.0083	2.7873	(1.7791)	0.0000	(1.7791)	3
KY_RS	03/04/2022	18	1.0916	0.2777	0.8139	0.8139	0.0000	3
KY_RS	03/04/2022	19	1.1499	0.0000	1.1499	1.1499	0.0000	3
KY_RS	03/04/2022	20	1.2036	0.0000	1.2036	1.2036	0.0000	3
KY_RS	03/04/2022	21	1.2083	0.0000	1.2083	1.2083	0.0000	3
KY_RS	03/04/2022	22	1.1782	0.0000	1.1782	1.1782	0.0000	3
KY_RS	03/04/2022	23	1.1194	0.0000	1.1194	1.1194	0.0000	3
KY_RS	03/04/2022	24	1.0403	0.0000	1.0403	1.0403	0.0000	3
KY_RS	03/05/2022	1	0.9700	0.0000	0.9700	0.9700	0.0000	3
KY_RS	03/05/2022	2	0.9229	0.0000	0.9229	0.9229	0.0000	3
KY_RS	03/05/2022	3	0.8961	0.0000	0.8961	0.8961	0.0000	3
KY_RS	03/05/2022	4	0.8819	0.0000	0.8819	0.8819	0.0000	3
KY_RS	03/05/2022	5	0.8833	0.0000	0.8833	0.8833	0.0000	3
KY_RS	03/05/2022	6	0.9085	0.0000	0.9085	0.9085	0.0000	3
KY_RS	03/05/2022	7	0.9495	0.0000	0.9495	0.9495	0.0000	3
KY_RS	03/05/2022	8	1.0331	0.2195	0.8137	0.8137	0.0000	3
KY_RS	03/05/2022	9	1.0769	1.8776	(0.8007)	0.0000	(0.8007)	3
KY_RS	03/05/2022	10	1.0577	3.4067	(2.3490)	0.0000	(2.3490)	3
KY_RS	03/05/2022	11	1.0198	2.9996	(1.9798)	0.0000	(1.9798)	3
KY_RS	03/05/2022	12	0.9788	5.0463	(4.0676)	0.0000	(4.0676)	3
KY_RS	03/05/2022	13	0.9412	5.3011	(4.3599)	0.0000	(4.3599)	3
KY_RS	03/05/2022	14	0.9020	5.2061	(4.3041)	0.0000	(4.3041)	3
KY_RS	03/05/2022	15	0.8747	4.3428	(3.4682)	0.0000	(3.4682)	3
KY_RS	03/05/2022	16	0.8728	3.4078	(2.5350)	0.0000	(2.5350)	3
KY_RS	03/05/2022	17	0.8838	2.7055	(1.8217)	0.0000	(1.8217)	3
KY_RS	03/05/2022	18	0.9125	1.1158	(0.2034)	0.0000	(0.2034)	3
KY_RS	03/05/2022	19	0.9544	0.0000	0.9544	0.9544	0.0000	3
KY_RS	03/05/2022	20	0.9750	0.0000	0.9750	0.9750	0.0000	3
KY_RS	03/05/2022	21	0.9495	0.0000	0.9495	0.9495	0.0000	3
KY_RS	03/05/2022	22	0.9082	0.0000	0.9082	0.9082	0.0000	3
KY_RS	03/05/2022	23	0.8429	0.0000	0.8429	0.8429	0.0000	3

KY_RS	03/05/2022	24	0.7580	0.0000	0.7580	0.7580	0.0000	3
KY_RS	03/06/2022	1	0.6775	0.0000	0.6775	0.6775	0.0000	3
KY_RS	03/06/2022	2	0.6178	0.0000	0.6178	0.6178	0.0000	3
KY_RS	03/06/2022	3	0.5764	0.0000	0.5764	0.5764	0.0000	3
KY_RS	03/06/2022	4	0.5548	0.0000	0.5548	0.5548	0.0000	3
KY_RS	03/06/2022	5	0.5452	0.0000	0.5452	0.5452	0.0000	3
KY_RS	03/06/2022	6	0.5461	0.0000	0.5461	0.5461	0.0000	3
KY_RS	03/06/2022	7	0.5713	0.0000	0.5713	0.5713	0.0000	3
KY_RS	03/06/2022	8	0.6564	0.1581	0.4983	0.4983	0.0000	3
KY_RS	03/06/2022	9	0.7830	1.6440	(0.8610)	0.0000	(0.8610)	3
KY_RS	03/06/2022	10	0.8932	2.6831	(1.7899)	0.0000	(1.7899)	3
KY_RS	03/06/2022	11	0.9617	4.2865	(3.3248)	0.0000	(3.3248)	3
KY_RS	03/06/2022	12	0.9929	4.9408	(3.9479)	0.0000	(3.9479)	3
KY_RS	03/06/2022	13	1.0118	5.2262	(4.2144)	0.0000	(4.2144)	3
KY_RS	03/06/2022	14	1.0098	5.1864	(4.1766)	0.0000	(4.1766)	3
KY_RS	03/06/2022	15	1.0009	4.7341	(3.7331)	0.0000	(3.7331)	3
KY_RS	03/06/2022	16	1.0066	3.9062	(2.8997)	0.0000	(2.8997)	3
KY_RS	03/06/2022	17	1.0513	2.7533	(1.7020)	0.0000	(1.7020)	3
KY_RS	03/06/2022	18	1.1096	1.1701	(0.0605)	0.0000	(0.0605)	3
KY_RS	03/06/2022	19	1.1649	0.0000	1.1649	1.1649	0.0000	3
KY_RS	03/06/2022	20	1.2021	0.0000	1.2021	1.2021	0.0000	3
KY_RS	03/06/2022	21	1.1579	0.0000	1.1579	1.1579	0.0000	3
KY_RS	03/06/2022	22	1.0503	0.0000	1.0503	1.0503	0.0000	3
KY_RS	03/06/2022	23	0.9117	0.0000	0.9117	0.9117	0.0000	3
KY_RS	03/06/2022	24	0.7684	0.0000	0.7684	0.7684	0.0000	3
KY_RS	03/07/2022	1	0.6638	0.0000	0.6638	0.6638	0.0000	3
KY_RS	03/07/2022	2	0.6002	0.0000	0.6002	0.6002	0.0000	3
KY_RS	03/07/2022	3	0.5671	0.0000	0.5671	0.5671	0.0000	3
KY_RS	03/07/2022	4	0.5543	0.0000	0.5543	0.5543	0.0000	3
KY_RS	03/07/2022	5	0.5654	0.0000	0.5654	0.5654	0.0000	3
KY_RS	03/07/2022	6	0.6269	0.0000	0.6269	0.6269	0.0000	3
KY_RS	03/07/2022	7	0.7455	0.0000	0.7455	0.7455	0.0000	3
KY_RS	03/07/2022	8	0.8169	0.0000	0.8169	0.8169	0.0000	3
KY_RS	03/07/2022	9	0.7975	0.6255	0.1720	0.1720	0.0000	3
KY_RS	03/07/2022	10	0.8058	0.9005	(0.0947)	0.0000	(0.0947)	3
KY_RS	03/07/2022	11	0.8194	2.5321	(1.7127)	0.0000	(1.7127)	3
KY_RS	03/07/2022	12	0.8388	4.6410	(3.8022)	0.0000	(3.8022)	3
KY_RS	03/07/2022	13	0.8835	4.9428	(4.0593)	0.0000	(4.0593)	3
KY_RS	03/07/2022	14	0.9015	4.8013	(3.8998)	0.0000	(3.8998)	3
KY_RS	03/07/2022	15	0.9264	3.0273	(2.1009)	0.0000	(2.1009)	3
KY_RS	03/07/2022	16	1.0083	2.3849	(1.3766)	0.0000	(1.3766)	3
KY_RS	03/07/2022	17	1.1186	2.4672	(1.3486)	0.0000	(1.3486)	3
KY_RS	03/07/2022	18	1.2597	0.8940	0.3657	0.3657	0.0000	3
KY_RS	03/07/2022	19	1.3774	0.0000	1.3774	1.3774	0.0000	3
KY_RS	03/07/2022	20	1.4307	0.0000	1.4307	1.4307	0.0000	3
KY_RS	03/07/2022	21	1.4189	0.0000	1.4189	1.4189	0.0000	3
KY_RS	03/07/2022	22	1.3433	0.0000	1.3433	1.3433	0.0000	3
KY_RS	03/07/2022	23	1.2228	0.0000	1.2228	1.2228	0.0000	3
KY_RS	03/07/2022	24	1.1041	0.0000	1.1041	1.1041	0.0000	3
KY_RS	03/08/2022	1	1.0328	0.0000	1.0328	1.0328	0.0000	3
KY_RS	03/08/2022	2	0.9936	0.0000	0.9936	0.9936	0.0000	3
KY_RS	03/08/2022	3	0.9801	0.0000	0.9801	0.9801	0.0000	3
KY_RS	03/08/2022	4	0.9850	0.0000	0.9850	0.9850	0.0000	3
KY_RS	03/08/2022	5	1.0193	0.0000	1.0193	1.0193	0.0000	3
KY_RS	03/08/2022	6	1.1090	0.0000	1.1090	1.1090	0.0000	3
KY_RS	03/08/2022	7	1.2657	0.0000	1.2657	1.2657	0.0000	3
KY_RS	03/08/2022	8	1.3360	0.1478	1.1882	1.1882	0.0000	3
KY_RS	03/08/2022	9	1.2893	1.3098	(0.0204)	0.0000	(0.0204)	3
KY_RS	03/08/2022	10	1.2528	2.6710	(1.4183)	0.0000	(1.4183)	3
KY_RS	03/08/2022	11	1.2253	4.0933	(2.8680)	0.0000	(2.8680)	3
KY_RS	03/08/2022	12	1.2026	3.9914	(2.7888)	0.0000	(2.7888)	3
KY_RS	03/08/2022	13	1.1674	4.2422	(3.0749)	0.0000	(3.0749)	3
KY_RS	03/08/2022	14	1.1027	4.1699	(3.0673)	0.0000	(3.0673)	3
KY_RS	03/08/2022	15	1.0468	3.4343	(2.3875)	0.0000	(2.3875)	3
KY_RS	03/08/2022	16	1.0591	2.9190	(1.8599)	0.0000	(1.8599)	3
KY_RS	03/08/2022	17	1.1506	1.7954	(0.6448)	0.0000	(0.6448)	3
KY_RS	03/08/2022	18	1.3031	0.4885	0.8145	0.8145	0.0000	3
KY_RS	03/08/2022	19	1.4112	0.0000	1.4112	1.4112	0.0000	3
KY_RS	03/08/2022	20	1.4632	0.0000	1.4632	1.4632	0.0000	3
KY_RS	03/08/2022	21	1.4588	0.0000	1.4588	1.4588	0.0000	3
KY_RS	03/08/2022	22	1.3815	0.0000	1.3815	1.3815	0.0000	3
KY_RS	03/08/2022	23	1.2515	0.0000	1.2515	1.2515	0.0000	3
KY_RS	03/08/2022	24	1.1289	0.0000	1.1289	1.1289	0.0000	3
KY_RS	03/09/2022	1	1.0555	0.0000	1.0555	1.0555	0.0000	3
KY_RS	03/09/2022	2	1.0088	0.0000	1.0088	1.0088	0.0000	3
KY_RS	03/09/2022	3	0.9894	0.0000	0.9894	0.9894	0.0000	3
KY_RS	03/09/2022	4	0.9952	0.0000	0.9952	0.9952	0.0000	3
KY_RS	03/09/2022	5	1.0338	0.0000	1.0338	1.0338	0.0000	3
KY_RS	03/09/2022	6	1.1321	0.0000	1.1321	1.1321	0.0000	3

KY_RS	03/09/2022	7	1.2738	0.0000	1.2738	1.2738	0.0000	3
KY_RS	03/09/2022	8	1.3322	0.0216	1.3105	1.3105	0.0000	3
KY_RS	03/09/2022	9	1.2797	0.0110	1.2687	1.2687	0.0000	3
KY_RS	03/09/2022	10	1.2400	0.2562	0.9838	0.9838	0.0000	3
KY_RS	03/09/2022	11	1.1874	0.8917	0.2956	0.2956	0.0000	3
KY_RS	03/09/2022	12	1.1511	0.6973	0.4538	0.4538	0.0000	3
KY_RS	03/09/2022	13	1.1082	1.1394	(0.0312)	0.0000	(0.0312)	3
KY_RS	03/09/2022	14	1.0255	0.6252	0.4003	0.4003	0.0000	3
KY_RS	03/09/2022	15	0.9680	1.1766	(0.2086)	0.0000	(0.2086)	3
KY_RS	03/09/2022	16	0.9706	1.7792	(0.8086)	0.0000	(0.8086)	3
KY_RS	03/09/2022	17	1.0138	0.5513	0.4625	0.4625	0.0000	3
KY_RS	03/09/2022	18	1.1037	0.2633	0.8404	0.8404	0.0000	3
KY_RS	03/09/2022	19	1.2146	0.0000	1.2146	1.2146	0.0000	3
KY_RS	03/09/2022	20	1.3375	0.0000	1.3375	1.3375	0.0000	3
KY_RS	03/09/2022	21	1.3638	0.0000	1.3638	1.3638	0.0000	3
KY_RS	03/09/2022	22	1.3294	0.0000	1.3294	1.3294	0.0000	3
KY_RS	03/09/2022	23	1.2365	0.0000	1.2365	1.2365	0.0000	3
KY_RS	03/09/2022	24	1.1483	0.0000	1.1483	1.1483	0.0000	3
KY_RS	03/10/2022	1	1.0911	0.0000	1.0911	1.0911	0.0000	3
KY_RS	03/10/2022	2	1.0760	0.0000	1.0760	1.0760	0.0000	3
KY_RS	03/10/2022	3	1.0873	0.0000	1.0873	1.0873	0.0000	3
KY_RS	03/10/2022	4	1.1122	0.0000	1.1122	1.1122	0.0000	3
KY_RS	03/10/2022	5	1.1655	0.0000	1.1655	1.1655	0.0000	3
KY_RS	03/10/2022	6	1.2663	0.0000	1.2663	1.2663	0.0000	3
KY_RS	03/10/2022	7	1.4219	0.0000	1.4219	1.4219	0.0000	3
KY_RS	03/10/2022	8	1.4596	0.4145	1.0452	1.0452	0.0000	3
KY_RS	03/10/2022	9	1.3187	2.1556	(0.8369)	0.0000	(0.8369)	3
KY_RS	03/10/2022	10	1.1869	3.7604	(2.5735)	0.0000	(2.5735)	3
KY_RS	03/10/2022	11	1.0848	4.6952	(3.6104)	0.0000	(3.6104)	3
KY_RS	03/10/2022	12	1.0142	5.3856	(4.3714)	0.0000	(4.3714)	3
KY_RS	03/10/2022	13	0.9612	5.7053	(4.7442)	0.0000	(4.7442)	3
KY_RS	03/10/2022	14	0.9051	5.6055	(4.7003)	0.0000	(4.7003)	3
KY_RS	03/10/2022	15	0.8711	5.1349	(4.2638)	0.0000	(4.2638)	3
KY_RS	03/10/2022	16	0.8814	4.3210	(3.4396)	0.0000	(3.4396)	3
KY_RS	03/10/2022	17	0.9328	3.0599	(2.1270)	0.0000	(2.1270)	3
KY_RS	03/10/2022	18	1.0283	1.3259	(0.2976)	0.0000	(0.2976)	3
KY_RS	03/10/2022	19	1.1390	0.0147	1.1243	1.1243	0.0000	3
KY_RS	03/10/2022	20	1.2503	0.0000	1.2503	1.2503	0.0000	3
KY_RS	03/10/2022	21	1.2787	0.0000	1.2787	1.2787	0.0000	3
KY_RS	03/10/2022	22	1.2431	0.0000	1.2431	1.2431	0.0000	3
KY_RS	03/10/2022	23	1.1544	0.0000	1.1544	1.1544	0.0000	3
KY_RS	03/10/2022	24	1.0704	0.0000	1.0704	1.0704	0.0000	3
KY_RS	03/11/2022	1	1.0148	0.0000	1.0148	1.0148	0.0000	3
KY_RS	03/11/2022	2	0.9921	0.0000	0.9921	0.9921	0.0000	3
KY_RS	03/11/2022	3	0.9870	0.0000	0.9870	0.9870	0.0000	3
KY_RS	03/11/2022	4	1.0060	0.0000	1.0060	1.0060	0.0000	3
KY_RS	03/11/2022	5	1.0550	0.0000	1.0550	1.0550	0.0000	3
KY_RS	03/11/2022	6	1.1555	0.0000	1.1555	1.1555	0.0000	3
KY_RS	03/11/2022	7	1.3087	0.0000	1.3087	1.3087	0.0000	3
KY_RS	03/11/2022	8	1.3621	0.3773	0.9849	0.9849	0.0000	3
KY_RS	03/11/2022	9	1.2301	1.9639	(0.7338)	0.0000	(0.7338)	3
KY_RS	03/11/2022	10	1.1086	2.9667	(1.8581)	0.0000	(1.8581)	3
KY_RS	03/11/2022	11	1.0196	3.8662	(2.8466)	0.0000	(2.8466)	3
KY_RS	03/11/2022	12	0.9665	4.5315	(3.5650)	0.0000	(3.5650)	3
KY_RS	03/11/2022	13	0.9288	4.6485	(3.7197)	0.0000	(3.7197)	3
KY_RS	03/11/2022	14	0.9078	4.5401	(3.6323)	0.0000	(3.6323)	3
KY_RS	03/11/2022	15	0.9117	4.3804	(3.4687)	0.0000	(3.4687)	3
KY_RS	03/11/2022	16	0.9799	3.1841	(2.2043)	0.0000	(2.2043)	3
KY_RS	03/11/2022	17	1.1288	1.6374	(0.5086)	0.0000	(0.5086)	3
KY_RS	03/11/2022	18	1.2880	0.5959	0.6920	0.6920	0.0000	3
KY_RS	03/11/2022	19	1.4280	0.0000	1.4280	1.4280	0.0000	3
KY_RS	03/11/2022	20	1.5064	0.0000	1.5064	1.5064	0.0000	3
KY_RS	03/11/2022	21	1.5174	0.0000	1.5174	1.5174	0.0000	3
KY_RS	03/11/2022	22	1.5150	0.0000	1.5150	1.5150	0.0000	3
KY_RS	03/11/2022	23	1.4499	0.0000	1.4499	1.4499	0.0000	3
KY_RS	03/11/2022	24	1.3719	0.0000	1.3719	1.3719	0.0000	3
KY_RS	03/12/2022	1	1.3303	0.0000	1.3303	1.3303	0.0000	3
KY_RS	03/12/2022	2	1.3155	0.0000	1.3155	1.3155	0.0000	3
KY_RS	03/12/2022	3	1.3298	0.0000	1.3298	1.3298	0.0000	3
KY_RS	03/12/2022	4	1.3481	0.0000	1.3481	1.3481	0.0000	3
KY_RS	03/12/2022	5	1.3885	0.0000	1.3885	1.3885	0.0000	3
KY_RS	03/12/2022	6	1.4439	0.0000	1.4439	1.4439	0.0000	3
KY_RS	03/12/2022	7	1.5344	0.0000	1.5344	1.5344	0.0000	3
KY_RS	03/12/2022	8	1.6670	0.0000	1.6670	1.6670	0.0000	3
KY_RS	03/12/2022	9	1.7443	0.3855	1.3588	1.3588	0.0000	3
KY_RS	03/12/2022	10	1.7523	0.7011	1.0512	1.0512	0.0000	3
KY_RS	03/12/2022	11	1.7943	1.1771	0.6173	0.6173	0.0000	3
KY_RS	03/12/2022	12	1.8018	1.6422	0.1595	0.1595	0.0000	3
KY_RS	03/12/2022	13	1.8008	2.0776	(0.2768)	0.0000	(0.2768)	3

KY_RS	03/12/2022	14	1.7783	2.2398	(0.4616)	0.0000	(0.4616)	3
KY_RS	03/12/2022	15	1.7386	1.4938	0.2449	0.2449	0.0000	3
KY_RS	03/12/2022	16	1.6797	2.1556	(0.4759)	0.0000	(0.4759)	3
KY_RS	03/12/2022	17	1.6621	0.6058	1.0563	1.0563	0.0000	3
KY_RS	03/12/2022	18	1.6901	0.3740	1.3161	1.3161	0.0000	3
KY_RS	03/12/2022	19	1.8096	0.0000	1.8096	1.8096	0.0000	3
KY_RS	03/12/2022	20	1.8896	0.0000	1.8896	1.8896	0.0000	3
KY_RS	03/12/2022	21	1.8718	0.0000	1.8718	1.8718	0.0000	3
KY_RS	03/12/2022	22	1.8282	0.0000	1.8282	1.8282	0.0000	3
KY_RS	03/12/2022	23	1.7508	0.0000	1.7508	1.7508	0.0000	3
KY_RS	03/12/2022	24	1.6758	0.0000	1.6758	1.6758	0.0000	3
KY_RS	03/13/2022	1	1.6415	0.0000	1.6415	1.6415	0.0000	3
KY_RS	03/13/2022	2	1.6179	0.0000	1.6179	1.6179	0.0000	3
KY_RS	03/13/2022	3	0.0000	0.0000	0.0000	0.0000	0.0000	3
KY_RS	03/13/2022	4	1.6169	0.0000	1.6169	1.6169	0.0000	3
KY_RS	03/13/2022	5	1.6232	0.0000	1.6232	1.6232	0.0000	3
KY_RS	03/13/2022	6	1.6247	0.0000	1.6247	1.6247	0.0000	3
KY_RS	03/13/2022	7	1.6447	0.0000	1.6447	1.6447	0.0000	3
KY_RS	03/13/2022	8	1.6922	0.0000	1.6922	1.6922	0.0000	3
KY_RS	03/13/2022	9	1.7773	0.0000	1.7773	1.7773	0.0000	3
KY_RS	03/13/2022	10	1.8450	0.3968	1.4482	1.4482	0.0000	3
KY_RS	03/13/2022	11	1.8519	1.2104	0.6415	0.6415	0.0000	3
KY_RS	03/13/2022	12	1.7157	1.0294	0.6863	0.6863	0.0000	3
KY_RS	03/13/2022	13	1.6590	2.7124	(1.0534)	0.0000	(1.0534)	3
KY_RS	03/13/2022	14	1.5886	3.7440	(2.1554)	0.0000	(2.1554)	3
KY_RS	03/13/2022	15	1.5162	4.9284	(3.4123)	0.0000	(3.4123)	3
KY_RS	03/13/2022	16	1.4138	4.5442	(3.1304)	0.0000	(3.1304)	3
KY_RS	03/13/2022	17	1.3502	3.7988	(2.4486)	0.0000	(2.4486)	3
KY_RS	03/13/2022	18	1.3348	2.6891	(1.3543)	0.0000	(1.3543)	3
KY_RS	03/13/2022	19	1.3378	0.8504	0.4874	0.4874	0.0000	3
KY_RS	03/13/2022	20	1.4183	0.0241	1.3942	1.3942	0.0000	3
KY_RS	03/13/2022	21	1.5127	0.0000	1.5127	1.5127	0.0000	3
KY_RS	03/13/2022	22	1.4670	0.0000	1.4670	1.4670	0.0000	3
KY_RS	03/13/2022	23	1.3429	0.0000	1.3429	1.3429	0.0000	3
KY_RS	03/13/2022	24	1.2003	0.0000	1.2003	1.2003	0.0000	3
KY_RS	03/14/2022	1	1.0950	0.0000	1.0950	1.0950	0.0000	3
KY_RS	03/14/2022	2	1.0512	0.0000	1.0512	1.0512	0.0000	3
KY_RS	03/14/2022	3	1.0342	0.0000	1.0342	1.0342	0.0000	3
KY_RS	03/14/2022	4	1.0436	0.0000	1.0436	1.0436	0.0000	3
KY_RS	03/14/2022	5	1.0777	0.0000	1.0777	1.0777	0.0000	3
KY_RS	03/14/2022	6	1.1605	0.0000	1.1605	1.1605	0.0000	3
KY_RS	03/14/2022	7	1.2962	0.0000	1.2962	1.2962	0.0000	3
KY_RS	03/14/2022	8	1.3538	0.0000	1.3538	1.3538	0.0000	3
KY_RS	03/14/2022	9	1.2967	0.2437	1.0530	1.0530	0.0000	3
KY_RS	03/14/2022	10	1.1834	1.2164	(0.0330)	0.0000	(0.0330)	3
KY_RS	03/14/2022	11	1.0962	2.9229	(1.8267)	0.0000	(1.8267)	3
KY_RS	03/14/2022	12	1.0316	4.0870	(3.0555)	0.0000	(3.0555)	3
KY_RS	03/14/2022	13	0.9862	4.7444	(3.7582)	0.0000	(3.7582)	3
KY_RS	03/14/2022	14	0.9279	4.2482	(3.3203)	0.0000	(3.3203)	3
KY_RS	03/14/2022	15	0.8772	4.5080	(3.6308)	0.0000	(3.6308)	3
KY_RS	03/14/2022	16	0.8679	3.4269	(2.5590)	0.0000	(2.5590)	3
KY_RS	03/14/2022	17	0.9014	2.5966	(1.6951)	0.0000	(1.6951)	3
KY_RS	03/14/2022	18	0.9716	1.9721	(1.0005)	0.0000	(1.0005)	3
KY_RS	03/14/2022	19	1.0200	0.5029	0.5172	0.5172	0.0000	3
KY_RS	03/14/2022	20	1.0862	0.0000	1.0862	1.0862	0.0000	3
KY_RS	03/14/2022	21	1.1688	0.0000	1.1688	1.1688	0.0000	3
KY_RS	03/14/2022	22	1.1213	0.0000	1.1213	1.1213	0.0000	3
KY_RS	03/14/2022	23	1.0026	0.0000	1.0026	1.0026	0.0000	3
KY_RS	03/14/2022	24	0.8695	0.0000	0.8695	0.8695	0.0000	3
KY_RS	03/15/2022	1	0.7851	0.0000	0.7851	0.7851	0.0000	3
KY_RS	03/15/2022	2	0.7492	0.0000	0.7492	0.7492	0.0000	3
KY_RS	03/15/2022	3	0.7388	0.0000	0.7388	0.7388	0.0000	3
KY_RS	03/15/2022	4	0.7461	0.0000	0.7461	0.7461	0.0000	3
KY_RS	03/15/2022	5	0.7777	0.0000	0.7777	0.7777	0.0000	3
KY_RS	03/15/2022	6	0.8560	0.0000	0.8560	0.8560	0.0000	3
KY_RS	03/15/2022	7	0.9955	0.0000	0.9955	0.9955	0.0000	3
KY_RS	03/15/2022	8	1.0601	0.0000	1.0601	1.0601	0.0000	3
KY_RS	03/15/2022	9	1.0287	0.3614	0.6673	0.6673	0.0000	3
KY_RS	03/15/2022	10	1.0070	1.2934	(0.2864)	0.0000	(0.2864)	3
KY_RS	03/15/2022	11	0.9738	1.6873	(0.7136)	0.0000	(0.7136)	3
KY_RS	03/15/2022	12	0.8949	0.5906	0.3043	0.3043	0.0000	3
KY_RS	03/15/2022	13	0.8431	0.1376	0.7054	0.7054	0.0000	3
KY_RS	03/15/2022	14	0.7975	1.0839	(0.2863)	0.0000	(0.2863)	3
KY_RS	03/15/2022	15	0.7714	1.3287	(0.5573)	0.0000	(0.5573)	3
KY_RS	03/15/2022	16	0.7805	1.2676	(0.4871)	0.0000	(0.4871)	3
KY_RS	03/15/2022	17	0.8347	0.6879	0.1468	0.1468	0.0000	3
KY_RS	03/15/2022	18	0.9211	0.3656	0.5556	0.5556	0.0000	3
KY_RS	03/15/2022	19	0.9807	1.0026	(0.0219)	0.0000	(0.0219)	3
KY_RS	03/15/2022	20	1.0237	0.0155	1.0082	1.0082	0.0000	3

KY_RS	03/15/2022	21	1.1026	0.0000	1.1026	1.1026	0.0000	3
KY_RS	03/15/2022	22	1.0625	0.0000	1.0625	1.0625	0.0000	3
KY_RS	03/15/2022	23	0.9459	0.0000	0.9459	0.9459	0.0000	3
KY_RS	03/15/2022	24	0.8129	0.0000	0.8129	0.8129	0.0000	3
KY_RS	03/16/2022	1	0.7231	0.0000	0.7231	0.7231	0.0000	3
KY_RS	03/16/2022	2	0.6822	0.0000	0.6822	0.6822	0.0000	3
KY_RS	03/16/2022	3	0.6759	0.0000	0.6759	0.6759	0.0000	3
KY_RS	03/16/2022	4	0.6929	0.0000	0.6929	0.6929	0.0000	3
KY_RS	03/16/2022	5	0.7363	0.0000	0.7363	0.7363	0.0000	3
KY_RS	03/16/2022	6	0.8306	0.0000	0.8306	0.8306	0.0000	3
KY_RS	03/16/2022	7	0.9912	0.0000	0.9912	0.9912	0.0000	3
KY_RS	03/16/2022	8	1.0800	0.0000	1.0800	1.0800	0.0000	3
KY_RS	03/16/2022	9	1.0540	0.0118	1.0422	1.0422	0.0000	3
KY_RS	03/16/2022	10	0.9553	0.3129	0.6424	0.6424	0.0000	3
KY_RS	03/16/2022	11	0.8867	0.5935	0.2932	0.2932	0.0000	3
KY_RS	03/16/2022	12	0.8433	0.6652	0.1781	0.1781	0.0000	3
KY_RS	03/16/2022	13	0.8124	1.0756	(0.2633)	0.0000	(0.2633)	3
KY_RS	03/16/2022	14	0.7770	0.8489	(0.0719)	0.0000	(0.0719)	3
KY_RS	03/16/2022	15	0.7535	1.4752	(0.7217)	0.0000	(0.7217)	3
KY_RS	03/16/2022	16	0.7653	1.8613	(1.0960)	0.0000	(1.0960)	3
KY_RS	03/16/2022	17	0.8122	1.4780	(0.6658)	0.0000	(0.6658)	3
KY_RS	03/16/2022	18	0.8886	2.3031	(1.4145)	0.0000	(1.4145)	3
KY_RS	03/16/2022	19	0.9343	0.7956	0.1387	0.1387	0.0000	3
KY_RS	03/16/2022	20	0.9815	0.0164	0.9650	0.9650	0.0000	3
KY_RS	03/16/2022	21	1.0702	0.0000	1.0702	1.0702	0.0000	3
KY_RS	03/16/2022	22	1.0422	0.0000	1.0422	1.0422	0.0000	3
KY_RS	03/16/2022	23	0.9244	0.0000	0.9244	0.9244	0.0000	3
KY_RS	03/16/2022	24	0.7856	0.0000	0.7856	0.7856	0.0000	3
KY_RS	03/17/2022	1	0.6857	0.0000	0.6857	0.6857	0.0000	3
KY_RS	03/17/2022	2	0.6301	0.0000	0.6301	0.6301	0.0000	3
KY_RS	03/17/2022	3	0.6116	0.0000	0.6116	0.6116	0.0000	3
KY_RS	03/17/2022	4	0.6195	0.0000	0.6195	0.6195	0.0000	3
KY_RS	03/17/2022	5	0.6519	0.0000	0.6519	0.6519	0.0000	3
KY_RS	03/17/2022	6	0.7324	0.0000	0.7324	0.7324	0.0000	3
KY_RS	03/17/2022	7	0.8837	0.0000	0.8837	0.8837	0.0000	3
KY_RS	03/17/2022	8	0.9715	0.0000	0.9715	0.9715	0.0000	3
KY_RS	03/17/2022	9	0.9499	0.0069	0.9430	0.9430	0.0000	3
KY_RS	03/17/2022	10	0.8793	0.4311	0.4482	0.4482	0.0000	3
KY_RS	03/17/2022	11	0.8250	0.5428	0.2822	0.2822	0.0000	3
KY_RS	03/17/2022	12	0.7886	1.0107	(0.2221)	0.0000	(0.2221)	3
KY_RS	03/17/2022	13	0.7717	0.6675	0.1042	0.1042	0.0000	3
KY_RS	03/17/2022	14	0.7538	1.0486	(0.2949)	0.0000	(0.2949)	3
KY_RS	03/17/2022	15	0.7451	1.2473	(0.5022)	0.0000	(0.5022)	3
KY_RS	03/17/2022	16	0.7687	1.1385	(0.3697)	0.0000	(0.3697)	3
KY_RS	03/17/2022	17	0.8218	1.4004	(0.5786)	0.0000	(0.5786)	3
KY_RS	03/17/2022	18	0.8872	0.7353	0.1519	0.1519	0.0000	3
KY_RS	03/17/2022	19	0.9287	0.7185	0.2102	0.2102	0.0000	3
KY_RS	03/17/2022	20	0.9545	0.0016	0.9529	0.9529	0.0000	3
KY_RS	03/17/2022	21	1.0203	0.0000	1.0203	1.0203	0.0000	3
KY_RS	03/17/2022	22	0.9815	0.0000	0.9815	0.9815	0.0000	3
KY_RS	03/17/2022	23	0.8974	0.0000	0.8974	0.8974	0.0000	3
KY_RS	03/17/2022	24	0.7660	0.0000	0.7660	0.7660	0.0000	3
KY_RS	03/18/2022	1	0.6591	0.0000	0.6591	0.6591	0.0000	3
KY_RS	03/18/2022	2	0.5971	0.0000	0.5971	0.5971	0.0000	3
KY_RS	03/18/2022	3	0.5661	0.0000	0.5661	0.5661	0.0000	3
KY_RS	03/18/2022	4	0.5544	0.0000	0.5544	0.5544	0.0000	3
KY_RS	03/18/2022	5	0.5700	0.0000	0.5700	0.5700	0.0000	3
KY_RS	03/18/2022	6	0.6197	0.0000	0.6197	0.6197	0.0000	3
KY_RS	03/18/2022	7	0.7188	0.0000	0.7188	0.7188	0.0000	3
KY_RS	03/18/2022	8	0.7928	0.0000	0.7928	0.7928	0.0000	3
KY_RS	03/18/2022	9	0.8093	0.3400	0.4694	0.4694	0.0000	3
KY_RS	03/18/2022	10	0.8073	0.4844	0.3228	0.3228	0.0000	3
KY_RS	03/18/2022	11	0.8061	0.9617	(0.1556)	0.0000	(0.1556)	3
KY_RS	03/18/2022	12	0.8129	1.4767	(0.6638)	0.0000	(0.6638)	3
KY_RS	03/18/2022	13	0.8117	2.7494	(1.9376)	0.0000	(1.9376)	3
KY_RS	03/18/2022	14	0.8068	3.9710	(3.1642)	0.0000	(3.1642)	3
KY_RS	03/18/2022	15	0.8033	4.2164	(3.4131)	0.0000	(3.4131)	3
KY_RS	03/18/2022	16	0.8380	3.3453	(2.5073)	0.0000	(2.5073)	3
KY_RS	03/18/2022	17	0.9007	2.8899	(1.9892)	0.0000	(1.9892)	3
KY_RS	03/18/2022	18	0.9455	0.9284	0.0171	0.0171	0.0000	3
KY_RS	03/18/2022	19	0.9601	0.6166	0.3435	0.3435	0.0000	3
KY_RS	03/18/2022	20	0.9655	0.0156	0.9499	0.9499	0.0000	3
KY_RS	03/18/2022	21	0.9837	0.0000	0.9837	0.9837	0.0000	3
KY_RS	03/18/2022	22	0.9475	0.0000	0.9475	0.9475	0.0000	3
KY_RS	03/18/2022	23	0.8813	0.0000	0.8813	0.8813	0.0000	3
KY_RS	03/18/2022	24	0.7930	0.0000	0.7930	0.7930	0.0000	3
KY_RS	03/19/2022	1	0.7057	0.0000	0.7057	0.7057	0.0000	3
KY_RS	03/19/2022	2	0.6445	0.0000	0.6445	0.6445	0.0000	3
KY_RS	03/19/2022	3	0.6075	0.0000	0.6075	0.6075	0.0000	3

KY_RS	03/19/2022	4	0.5896	0.0000	0.5896	0.5896	0.0000	3
KY_RS	03/19/2022	5	0.5871	0.0000	0.5871	0.5871	0.0000	3
KY_RS	03/19/2022	6	0.6077	0.0000	0.6077	0.6077	0.0000	3
KY_RS	03/19/2022	7	0.6546	0.0000	0.6546	0.6546	0.0000	3
KY_RS	03/19/2022	8	0.7341	0.0000	0.7341	0.7341	0.0000	3
KY_RS	03/19/2022	9	0.8647	0.0328	0.8319	0.8319	0.0000	3
KY_RS	03/19/2022	10	0.9784	0.2984	0.6800	0.6800	0.0000	3
KY_RS	03/19/2022	11	1.0590	0.9386	0.1204	0.1204	0.0000	3
KY_RS	03/19/2022	12	1.1056	1.3046	(0.1991)	0.0000	(0.1991)	3
KY_RS	03/19/2022	13	1.1161	1.1731	(0.0571)	0.0000	(0.0571)	3
KY_RS	03/19/2022	14	1.1155	1.1432	(0.0277)	0.0000	(0.0277)	3
KY_RS	03/19/2022	15	1.1199	1.1270	(0.0071)	0.0000	(0.0071)	3
KY_RS	03/19/2022	16	1.1491	1.2372	(0.0881)	0.0000	(0.0881)	3
KY_RS	03/19/2022	17	1.1790	0.9138	0.2652	0.2652	0.0000	3
KY_RS	03/19/2022	18	1.2289	0.7266	0.5024	0.5024	0.0000	3
KY_RS	03/19/2022	19	1.2500	0.3786	0.8713	0.8713	0.0000	3
KY_RS	03/19/2022	20	1.2575	0.0000	1.2575	1.2575	0.0000	3
KY_RS	03/19/2022	21	1.2606	0.0000	1.2606	1.2606	0.0000	3
KY_RS	03/19/2022	22	1.2230	0.0000	1.2230	1.2230	0.0000	3
KY_RS	03/19/2022	23	1.1475	0.0000	1.1475	1.1475	0.0000	3
KY_RS	03/19/2022	24	1.0691	0.0000	1.0691	1.0691	0.0000	3
KY_RS	03/20/2022	1	0.9837	0.0000	0.9837	0.9837	0.0000	3
KY_RS	03/20/2022	2	0.9187	0.0000	0.9187	0.9187	0.0000	3
KY_RS	03/20/2022	3	0.8810	0.0000	0.8810	0.8810	0.0000	3
KY_RS	03/20/2022	4	0.8563	0.0000	0.8563	0.8563	0.0000	3
KY_RS	03/20/2022	5	0.8475	0.0000	0.8475	0.8475	0.0000	3
KY_RS	03/20/2022	6	0.8701	0.0000	0.8701	0.8701	0.0000	3
KY_RS	03/20/2022	7	0.9272	0.0000	0.9272	0.9272	0.0000	3
KY_RS	03/20/2022	8	1.0230	0.0000	1.0230	1.0230	0.0000	3
KY_RS	03/20/2022	9	1.1265	0.0701	1.0564	1.0564	0.0000	3
KY_RS	03/20/2022	10	1.1496	0.3498	0.7998	0.7998	0.0000	3
KY_RS	03/20/2022	11	1.1398	1.3643	(0.2245)	0.0000	(0.2245)	3
KY_RS	03/20/2022	12	1.1186	1.1347	(0.0161)	0.0000	(0.0161)	3
KY_RS	03/20/2022	13	1.0934	1.9079	(0.8145)	0.0000	(0.8145)	3
KY_RS	03/20/2022	14	1.0519	1.9881	(0.9362)	0.0000	(0.9362)	3
KY_RS	03/20/2022	15	1.0044	1.9059	(0.9015)	0.0000	(0.9015)	3
KY_RS	03/20/2022	16	0.9789	2.0119	(1.0330)	0.0000	(1.0330)	3
KY_RS	03/20/2022	17	0.9900	1.3185	(0.3285)	0.0000	(0.3285)	3
KY_RS	03/20/2022	18	1.0295	0.7196	0.3100	0.3100	0.0000	3
KY_RS	03/20/2022	19	1.0623	0.4396	0.6226	0.6226	0.0000	3
KY_RS	03/20/2022	20	1.1093	0.0054	1.1039	1.1039	0.0000	3
KY_RS	03/20/2022	21	1.1977	0.0000	1.1977	1.1977	0.0000	3
KY_RS	03/20/2022	22	1.1445	0.0000	1.1445	1.1445	0.0000	3
KY_RS	03/20/2022	23	1.0123	0.0000	1.0123	1.0123	0.0000	3
KY_RS	03/20/2022	24	0.8732	0.0000	0.8732	0.8732	0.0000	3
KY_RS	03/21/2022	1	0.7802	0.0000	0.7802	0.7802	0.0000	3
KY_RS	03/21/2022	2	0.7373	0.0000	0.7373	0.7373	0.0000	3
KY_RS	03/21/2022	3	0.7259	0.0000	0.7259	0.7259	0.0000	3
KY_RS	03/21/2022	4	0.7378	0.0000	0.7378	0.7378	0.0000	3
KY_RS	03/21/2022	5	0.7748	0.0000	0.7748	0.7748	0.0000	3
KY_RS	03/21/2022	6	0.8640	0.0000	0.8640	0.8640	0.0000	3
KY_RS	03/21/2022	7	1.0205	0.0000	1.0205	1.0205	0.0000	3
KY_RS	03/21/2022	8	1.1032	0.0000	1.1032	1.1032	0.0000	3
KY_RS	03/21/2022	9	1.0567	0.6213	0.4355	0.4355	0.0000	3
KY_RS	03/21/2022	10	0.9657	2.1640	(1.1983)	0.0000	(1.1983)	3
KY_RS	03/21/2022	11	0.8949	3.5198	(2.6249)	0.0000	(2.6249)	3
KY_RS	03/21/2022	12	0.8464	2.0810	(1.2346)	0.0000	(1.2346)	3
KY_RS	03/21/2022	13	0.8182	2.7924	(1.9742)	0.0000	(1.9742)	3
KY_RS	03/21/2022	14	0.7863	1.5124	(0.7261)	0.0000	(0.7261)	3
KY_RS	03/21/2022	15	0.7620	0.9072	(0.1452)	0.0000	(0.1452)	3
KY_RS	03/21/2022	16	0.7791	1.1301	(0.3511)	0.0000	(0.3511)	3
KY_RS	03/21/2022	17	0.8339	1.3984	(0.5645)	0.0000	(0.5645)	3
KY_RS	03/21/2022	18	0.9191	0.5491	0.3700	0.3700	0.0000	3
KY_RS	03/21/2022	19	0.9721	0.3510	0.6211	0.6211	0.0000	3
KY_RS	03/21/2022	20	1.0200	0.0067	1.0133	1.0133	0.0000	3
KY_RS	03/21/2022	21	1.0941	0.0000	1.0941	1.0941	0.0000	3
KY_RS	03/21/2022	22	1.0380	0.0000	1.0380	1.0380	0.0000	3
KY_RS	03/21/2022	23	0.9019	0.0000	0.9019	0.9019	0.0000	3
KY_RS	03/21/2022	24	0.7546	0.0000	0.7546	0.7546	0.0000	3
KY_RS	03/22/2022	1	0.6573	0.0000	0.6573	0.6573	0.0000	3
KY_RS	03/22/2022	2	0.6034	0.0000	0.6034	0.6034	0.0000	3
KY_RS	03/22/2022	3	0.5779	0.0000	0.5779	0.5779	0.0000	3
KY_RS	03/22/2022	4	0.5767	0.0000	0.5767	0.5767	0.0000	3
KY_RS	03/22/2022	5	0.6000	0.0000	0.6000	0.6000	0.0000	3
KY_RS	03/22/2022	6	0.6674	0.0000	0.6674	0.6674	0.0000	3
KY_RS	03/22/2022	7	0.8034	0.0000	0.8034	0.8034	0.0000	3
KY_RS	03/22/2022	8	0.8745	0.0000	0.8745	0.8745	0.0000	3
KY_RS	03/22/2022	9	0.8611	0.7214	0.1397	0.1397	0.0000	3
KY_RS	03/22/2022	10	0.8539	1.5841	(0.7302)	0.0000	(0.7302)	3

KY_RS	03/22/2022	11	0.8558	3.8732	(3.0174)	0.0000	(3.0174)	3
KY_RS	03/22/2022	12	0.8650	4.8644	(3.9994)	0.0000	(3.9994)	3
KY_RS	03/22/2022	13	0.8690	5.4816	(4.6126)	0.0000	(4.6126)	3
KY_RS	03/22/2022	14	0.8348	5.7433	(4.9085)	0.0000	(4.9085)	3
KY_RS	03/22/2022	15	0.8132	5.6348	(4.8217)	0.0000	(4.8217)	3
KY_RS	03/22/2022	16	0.8378	5.1848	(4.3470)	0.0000	(4.3470)	3
KY_RS	03/22/2022	17	0.8973	4.3188	(3.4214)	0.0000	(3.4214)	3
KY_RS	03/22/2022	18	0.9943	3.1137	(2.1194)	0.0000	(2.1194)	3
KY_RS	03/22/2022	19	1.0345	1.4774	(0.4429)	0.0000	(0.4429)	3
KY_RS	03/22/2022	20	1.0600	0.0797	0.9803	0.9803	0.0000	3
KY_RS	03/22/2022	21	1.0947	0.0000	1.0947	1.0947	0.0000	3
KY_RS	03/22/2022	22	1.0331	0.0000	1.0331	1.0331	0.0000	3
KY_RS	03/22/2022	23	0.9006	0.0000	0.9006	0.9006	0.0000	3
KY_RS	03/22/2022	24	0.7598	0.0000	0.7598	0.7598	0.0000	3
KY_RS	03/23/2022	1	0.6601	0.0000	0.6601	0.6601	0.0000	3
KY_RS	03/23/2022	2	0.6042	0.0000	0.6042	0.6042	0.0000	3
KY_RS	03/23/2022	3	0.5736	0.0000	0.5736	0.5736	0.0000	3
KY_RS	03/23/2022	4	0.5676	0.0000	0.5676	0.5676	0.0000	3
KY_RS	03/23/2022	5	0.5805	0.0000	0.5805	0.5805	0.0000	3
KY_RS	03/23/2022	6	0.6381	0.0000	0.6381	0.6381	0.0000	3
KY_RS	03/23/2022	7	0.7609	0.0000	0.7609	0.7609	0.0000	3
KY_RS	03/23/2022	8	0.8179	0.0000	0.8179	0.8179	0.0000	3
KY_RS	03/23/2022	9	0.7870	0.7462	0.0408	0.0408	0.0000	3
KY_RS	03/23/2022	10	0.7606	2.4872	(1.7266)	0.0000	(1.7266)	3
KY_RS	03/23/2022	11	0.7476	3.9251	(3.1775)	0.0000	(3.1775)	3
KY_RS	03/23/2022	12	0.7538	4.8611	(4.1073)	0.0000	(4.1073)	3
KY_RS	03/23/2022	13	0.7567	5.4317	(4.6750)	0.0000	(4.6750)	3
KY_RS	03/23/2022	14	0.7457	5.6321	(4.8864)	0.0000	(4.8864)	3
KY_RS	03/23/2022	15	0.7498	5.5061	(4.7563)	0.0000	(4.7563)	3
KY_RS	03/23/2022	16	0.7823	5.0226	(4.2403)	0.0000	(4.2403)	3
KY_RS	03/23/2022	17	0.8363	4.2080	(3.3718)	0.0000	(3.3718)	3
KY_RS	03/23/2022	18	0.9194	3.0167	(2.0973)	0.0000	(2.0973)	3
KY_RS	03/23/2022	19	0.9604	1.4467	(0.4864)	0.0000	(0.4864)	3
KY_RS	03/23/2022	20	0.9960	0.0819	0.9141	0.9141	0.0000	3
KY_RS	03/23/2022	21	1.0561	0.0000	1.0561	1.0561	0.0000	3
KY_RS	03/23/2022	22	1.0188	0.0000	1.0188	1.0188	0.0000	3
KY_RS	03/23/2022	23	0.8939	0.0000	0.8939	0.8939	0.0000	3
KY_RS	03/23/2022	24	0.7677	0.0000	0.7677	0.7677	0.0000	3
KY_RS	03/24/2022	1	0.6821	0.0000	0.6821	0.6821	0.0000	3
KY_RS	03/24/2022	2	0.6384	0.0000	0.6384	0.6384	0.0000	3
KY_RS	03/24/2022	3	0.6246	0.0000	0.6246	0.6246	0.0000	3
KY_RS	03/24/2022	4	0.6350	0.0000	0.6350	0.6350	0.0000	3
KY_RS	03/24/2022	5	0.6683	0.0000	0.6683	0.6683	0.0000	3
KY_RS	03/24/2022	6	0.7505	0.0000	0.7505	0.7505	0.0000	3
KY_RS	03/24/2022	7	0.8998	0.0000	0.8998	0.8998	0.0000	3
KY_RS	03/24/2022	8	0.9822	0.0000	0.9822	0.9822	0.0000	3
KY_RS	03/24/2022	9	0.9602	0.1970	0.7631	0.7631	0.0000	3
KY_RS	03/24/2022	10	0.9369	0.8921	0.0448	0.0448	0.0000	3
KY_RS	03/24/2022	11	0.8912	2.7973	(1.9061)	0.0000	(1.9061)	3
KY_RS	03/24/2022	12	0.8651	1.7124	(0.8474)	0.0000	(0.8474)	3
KY_RS	03/24/2022	13	0.8461	1.6624	(0.8163)	0.0000	(0.8163)	3
KY_RS	03/24/2022	14	0.8254	1.5854	(0.7600)	0.0000	(0.7600)	3
KY_RS	03/24/2022	15	0.8232	4.2548	(3.4316)	0.0000	(3.4316)	3
KY_RS	03/24/2022	16	0.8430	3.8271	(2.9842)	0.0000	(2.9842)	3
KY_RS	03/24/2022	17	0.9154	2.9097	(1.9943)	0.0000	(1.9943)	3
KY_RS	03/24/2022	18	1.0507	2.7095	(1.6588)	0.0000	(1.6588)	3
KY_RS	03/24/2022	19	1.0841	1.1430	(0.0589)	0.0000	(0.0589)	3
KY_RS	03/24/2022	20	1.1334	0.0730	1.0604	1.0604	0.0000	3
KY_RS	03/24/2022	21	1.1942	0.0000	1.1942	1.1942	0.0000	3
KY_RS	03/24/2022	22	1.1622	0.0000	1.1622	1.1622	0.0000	3
KY_RS	03/24/2022	23	1.0622	0.0000	1.0622	1.0622	0.0000	3
KY_RS	03/24/2022	24	0.9465	0.0000	0.9465	0.9465	0.0000	3
KY_RS	03/25/2022	1	0.8684	0.0000	0.8684	0.8684	0.0000	3
KY_RS	03/25/2022	2	0.8291	0.0000	0.8291	0.8291	0.0000	3
KY_RS	03/25/2022	3	0.8220	0.0000	0.8220	0.8220	0.0000	3
KY_RS	03/25/2022	4	0.8335	0.0000	0.8335	0.8335	0.0000	3
KY_RS	03/25/2022	5	0.8611	0.0000	0.8611	0.8611	0.0000	3
KY_RS	03/25/2022	6	0.9335	0.0000	0.9335	0.9335	0.0000	3
KY_RS	03/25/2022	7	1.0649	0.0000	1.0649	1.0649	0.0000	3
KY_RS	03/25/2022	8	1.1315	0.0000	1.1315	1.1315	0.0000	3
KY_RS	03/25/2022	9	1.1203	0.0563	1.0639	1.0639	0.0000	3
KY_RS	03/25/2022	10	1.0966	0.1756	0.9210	0.9210	0.0000	3
KY_RS	03/25/2022	11	1.0522	0.4187	0.6336	0.6336	0.0000	3
KY_RS	03/25/2022	12	1.0950	1.0488	0.0462	0.0462	0.0000	3
KY_RS	03/25/2022	13	1.1103	2.4948	(1.3845)	0.0000	(1.3845)	3
KY_RS	03/25/2022	14	1.0940	0.8779	0.2162	0.2162	0.0000	3
KY_RS	03/25/2022	15	1.0896	1.5712	(0.4816)	0.0000	(0.4816)	3
KY_RS	03/25/2022	16	1.1362	0.8839	0.2523	0.2523	0.0000	3
KY_RS	03/25/2022	17	1.2073	1.4247	(0.2174)	0.0000	(0.2174)	3

KY_RS	03/25/2022	18	1.2423	1.2122	0.0301	0.0301	0.0000	3
KY_RS	03/25/2022	19	1.2714	0.2968	0.9746	0.9746	0.0000	3
KY_RS	03/25/2022	20	1.2906	0.0000	1.2906	1.2906	0.0000	3
KY_RS	03/25/2022	21	1.2869	0.0000	1.2869	1.2869	0.0000	3
KY_RS	03/25/2022	22	1.2467	0.0000	1.2467	1.2467	0.0000	3
KY_RS	03/25/2022	23	1.1908	0.0000	1.1908	1.1908	0.0000	3
KY_RS	03/25/2022	24	1.1195	0.0000	1.1195	1.1195	0.0000	3
KY_RS	03/26/2022	1	1.0410	0.0000	1.0410	1.0410	0.0000	3
KY_RS	03/26/2022	2	1.0100	0.0000	1.0100	1.0100	0.0000	3
KY_RS	03/26/2022	3	0.9935	0.0000	0.9935	0.9935	0.0000	3
KY_RS	03/26/2022	4	0.9956	0.0000	0.9956	0.9956	0.0000	3
KY_RS	03/26/2022	5	1.0197	0.0000	1.0197	1.0197	0.0000	3
KY_RS	03/26/2022	6	1.0492	0.0000	1.0492	1.0492	0.0000	3
KY_RS	03/26/2022	7	1.0974	0.0000	1.0974	1.0974	0.0000	3
KY_RS	03/26/2022	8	1.1922	0.0000	1.1922	1.1922	0.0000	3
KY_RS	03/26/2022	9	1.3114	0.3710	0.9404	0.9404	0.0000	3
KY_RS	03/26/2022	10	1.4004	0.1080	1.2925	1.2925	0.0000	3
KY_RS	03/26/2022	11	1.4581	1.0945	0.3636	0.3636	0.0000	3
KY_RS	03/26/2022	12	1.4907	0.2153	1.2754	1.2754	0.0000	3
KY_RS	03/26/2022	13	1.5015	1.0076	0.4939	0.4939	0.0000	3
KY_RS	03/26/2022	14	1.4901	2.1422	(0.6521)	0.0000	(0.6521)	3
KY_RS	03/26/2022	15	1.4723	0.9593	0.5130	0.5130	0.0000	3
KY_RS	03/26/2022	16	1.4523	0.8746	0.5776	0.5776	0.0000	3
KY_RS	03/26/2022	17	1.4744	0.4013	1.0731	1.0731	0.0000	3
KY_RS	03/26/2022	18	1.4862	0.8662	0.6199	0.6199	0.0000	3
KY_RS	03/26/2022	19	1.4192	1.2748	0.1444	0.1444	0.0000	3
KY_RS	03/26/2022	20	1.4501	0.1016	1.3485	1.3485	0.0000	3
KY_RS	03/26/2022	21	1.5194	0.0000	1.5194	1.5194	0.0000	3
KY_RS	03/26/2022	22	1.5141	0.0000	1.5141	1.5141	0.0000	3
KY_RS	03/26/2022	23	1.4606	0.0000	1.4606	1.4606	0.0000	3
KY_RS	03/26/2022	24	1.3802	0.0000	1.3802	1.3802	0.0000	3
KY_RS	03/27/2022	1	1.3175	0.0000	1.3175	1.3175	0.0000	3
KY_RS	03/27/2022	2	1.2662	0.0000	1.2662	1.2662	0.0000	3
KY_RS	03/27/2022	3	1.2439	0.0000	1.2439	1.2439	0.0000	3
KY_RS	03/27/2022	4	1.2391	0.0000	1.2391	1.2391	0.0000	3
KY_RS	03/27/2022	5	1.2489	0.0000	1.2489	1.2489	0.0000	3
KY_RS	03/27/2022	6	1.2707	0.0000	1.2707	1.2707	0.0000	3
KY_RS	03/27/2022	7	1.3090	0.0000	1.3090	1.3090	0.0000	3
KY_RS	03/27/2022	8	1.3843	0.0000	1.3843	1.3843	0.0000	3
KY_RS	03/27/2022	9	1.4958	0.8138	0.6820	0.6820	0.0000	3
KY_RS	03/27/2022	10	1.5373	0.4573	1.0800	1.0800	0.0000	3
KY_RS	03/27/2022	11	1.5174	1.4042	0.1132	0.1132	0.0000	3
KY_RS	03/27/2022	12	1.4822	3.4209	(1.9387)	0.0000	(1.9387)	3
KY_RS	03/27/2022	13	1.4530	3.9180	(2.4650)	0.0000	(2.4650)	3
KY_RS	03/27/2022	14	1.4018	5.5539	(4.1521)	0.0000	(4.1521)	3
KY_RS	03/27/2022	15	1.3515	5.4643	(4.1128)	0.0000	(4.1128)	3
KY_RS	03/27/2022	16	1.3085	5.0351	(3.7266)	0.0000	(3.7266)	3
KY_RS	03/27/2022	17	1.2979	4.2786	(2.9807)	0.0000	(2.9807)	3
KY_RS	03/27/2022	18	1.3204	3.1216	(1.8012)	0.0000	(1.8012)	3
KY_RS	03/27/2022	19	1.3493	1.5415	(0.1922)	0.0000	(0.1922)	3
KY_RS	03/27/2022	20	1.4329	0.1435	1.2894	1.2894	0.0000	3
KY_RS	03/27/2022	21	1.5544	0.0000	1.5544	1.5544	0.0000	3
KY_RS	03/27/2022	22	1.5330	0.0000	1.5330	1.5330	0.0000	3
KY_RS	03/27/2022	23	1.4330	0.0000	1.4330	1.4330	0.0000	3
KY_RS	03/27/2022	24	1.3174	0.0000	1.3174	1.3174	0.0000	3
KY_RS	03/28/2022	1	1.2444	0.0000	1.2444	1.2444	0.0000	3
KY_RS	03/28/2022	2	1.2168	0.0000	1.2168	1.2168	0.0000	3
KY_RS	03/28/2022	3	1.2205	0.0000	1.2205	1.2205	0.0000	3
KY_RS	03/28/2022	4	1.2494	0.0000	1.2494	1.2494	0.0000	3
KY_RS	03/28/2022	5	1.3045	0.0000	1.3045	1.3045	0.0000	3
KY_RS	03/28/2022	6	1.4120	0.0000	1.4120	1.4120	0.0000	3
KY_RS	03/28/2022	7	1.5829	0.0000	1.5829	1.5829	0.0000	3
KY_RS	03/28/2022	8	1.6783	0.0000	1.6783	1.6783	0.0000	3
KY_RS	03/28/2022	9	1.5792	0.8010	0.7782	0.7782	0.0000	3
KY_RS	03/28/2022	10	1.4280	2.3546	(0.9266)	0.0000	(0.9266)	3
KY_RS	03/28/2022	11	1.3306	3.6492	(2.3187)	0.0000	(2.3187)	3
KY_RS	03/28/2022	12	1.2759	3.7188	(2.4429)	0.0000	(2.4429)	3
KY_RS	03/28/2022	13	1.2379	3.1640	(1.9260)	0.0000	(1.9260)	3
KY_RS	03/28/2022	14	1.1837	3.4237	(2.2399)	0.0000	(2.2399)	3
KY_RS	03/28/2022	15	1.1330	3.6238	(2.4908)	0.0000	(2.4908)	3
KY_RS	03/28/2022	16	1.1121	1.0821	0.0300	0.0300	0.0000	3
KY_RS	03/28/2022	17	1.1337	1.0978	0.0359	0.0359	0.0000	3
KY_RS	03/28/2022	18	1.2085	0.7569	0.4515	0.4515	0.0000	3
KY_RS	03/28/2022	19	1.2600	0.5238	0.7362	0.7362	0.0000	3
KY_RS	03/28/2022	20	1.3362	0.0513	1.2850	1.2850	0.0000	3
KY_RS	03/28/2022	21	1.4476	0.0000	1.4476	1.4476	0.0000	3
KY_RS	03/28/2022	22	1.4279	0.0000	1.4279	1.4279	0.0000	3
KY_RS	03/28/2022	23	1.3213	0.0000	1.3213	1.3213	0.0000	3
KY_RS	03/28/2022	24	1.2160	0.0000	1.2160	1.2160	0.0000	3

KY_RS	03/29/2022	1	1.1453	0.0000	1.1453	1.1453	0.0000	3	
KY_RS	03/29/2022	2	1.1168	0.0000	1.1168	1.1168	0.0000	3	
KY_RS	03/29/2022	3	1.1088	0.0000	1.1088	1.1088	0.0000	3	
KY_RS	03/29/2022	4	1.1186	0.0000	1.1186	1.1186	0.0000	3	
KY_RS	03/29/2022	5	1.1458	0.0000	1.1458	1.1458	0.0000	3	
KY_RS	03/29/2022	6	1.2256	0.0000	1.2256	1.2256	0.0000	3	
KY_RS	03/29/2022	7	1.3725	0.0000	1.3725	1.3725	0.0000	3	
KY_RS	03/29/2022	8	1.4394	0.0000	1.4394	1.4394	0.0000	3	
KY_RS	03/29/2022	9	1.4018	0.7611	0.6407	0.6407	0.0000	3	
KY_RS	03/29/2022	10	1.3672	1.8448	(0.4776)	0.0000	(0.4776)	3	
KY_RS	03/29/2022	11	1.3569	2.4734	(1.1165)	0.0000	(1.1165)	3	
KY_RS	03/29/2022	12	1.3198	2.9904	(1.6706)	0.0000	(1.6706)	3	
KY_RS	03/29/2022	13	1.2770	3.6846	(2.4076)	0.0000	(2.4076)	3	
KY_RS	03/29/2022	14	1.2127	3.8456	(2.6329)	0.0000	(2.6329)	3	
KY_RS	03/29/2022	15	1.1511	2.9140	(1.7628)	0.0000	(1.7628)	3	
KY_RS	03/29/2022	16	1.2141	2.7812	(1.5670)	0.0000	(1.5670)	3	
KY_RS	03/29/2022	17	1.3228	1.2871	0.0356	0.0356	0.0000	3	
KY_RS	03/29/2022	18	1.4471	0.2359	1.2112	1.2112	0.0000	3	
KY_RS	03/29/2022	19	1.4879	0.0203	1.4676	1.4676	0.0000	3	
KY_RS	03/29/2022	20	1.4954	0.0000	1.4954	1.4954	0.0000	3	
KY_RS	03/29/2022	21	1.5073	0.0000	1.5073	1.5073	0.0000	3	
KY_RS	03/29/2022	22	1.4286	0.0000	1.4286	1.4286	0.0000	3	
KY_RS	03/29/2022	23	1.2888	0.0000	1.2888	1.2888	0.0000	3	
KY_RS	03/29/2022	24	1.1404	0.0000	1.1404	1.1404	0.0000	3	
KY_RS	03/30/2022	1	1.0352	0.0000	1.0352	1.0352	0.0000	3	
KY_RS	03/30/2022	2	0.9839	0.0000	0.9839	0.9839	0.0000	3	
KY_RS	03/30/2022	3	0.9598	0.0000	0.9598	0.9598	0.0000	3	
KY_RS	03/30/2022	4	0.9543	0.0000	0.9543	0.9543	0.0000	3	
KY_RS	03/30/2022	5	0.9724	0.0000	0.9724	0.9724	0.0000	3	
KY_RS	03/30/2022	6	1.0369	0.0000	1.0369	1.0369	0.0000	3	
KY_RS	03/30/2022	7	1.1587	0.0000	1.1587	1.1587	0.0000	3	
KY_RS	03/30/2022	8	1.1884	0.0000	1.1884	1.1884	0.0000	3	
KY_RS	03/30/2022	9	1.0948	0.8221	0.2728	0.2728	0.0000	3	
KY_RS	03/30/2022	10	0.9718	2.3568	(1.3850)	0.0000	(1.3850)	3	
KY_RS	03/30/2022	11	0.8933	3.3652	(2.4719)	0.0000	(2.4719)	3	
KY_RS	03/30/2022	12	0.8243	3.8425	(3.0182)	0.0000	(3.0182)	3	
KY_RS	03/30/2022	13	0.7864	3.8001	(3.0137)	0.0000	(3.0137)	3	
KY_RS	03/30/2022	14	0.7528	4.0068	(3.2540)	0.0000	(3.2540)	3	
KY_RS	03/30/2022	15	0.7310	3.8184	(3.0874)	0.0000	(3.0874)	3	
KY_RS	03/30/2022	16	0.7596	3.2744	(2.5148)	0.0000	(2.5148)	3	
KY_RS	03/30/2022	17	0.8198	2.4018	(1.5820)	0.0000	(1.5820)	3	
KY_RS	03/30/2022	18	0.8902	1.8866	(0.9965)	0.0000	(0.9965)	3	
KY_RS	03/30/2022	19	0.9224	0.8592	0.0631	0.0631	0.0000	3	
KY_RS	03/30/2022	20	0.9687	0.1183	0.8504	0.8504	0.0000	3	
KY_RS	03/30/2022	21	1.0526	0.0000	1.0526	1.0526	0.0000	3	
KY_RS	03/30/2022	22	1.0264	0.0000	1.0264	1.0264	0.0000	3	
KY_RS	03/30/2022	23	0.9163	0.0000	0.9163	0.9163	0.0000	3	
KY_RS	03/30/2022	24	0.7797	0.0000	0.7797	0.7797	0.0000	3	
KY_RS	03/31/2022	1	0.2892	0.0000	0.2892	0.2892	0.0000	3	
KY_RS	03/31/2022	2	0.5969	0.0000	0.5969	0.5969	0.0000	3	
KY_RS	03/31/2022	3	0.5520	0.0000	0.5520	0.5520	0.0000	3	
KY_RS	03/31/2022	4	0.5362	0.0000	0.5362	0.5362	0.0000	3	
KY_RS	03/31/2022	5	0.5421	0.0000	0.5421	0.5421	0.0000	3	
KY_RS	03/31/2022	6	0.5905	0.0000	0.5905	0.5905	0.0000	3	
KY_RS	03/31/2022	7	0.7071	0.0000	0.7071	0.7071	0.0000	3	
KY_RS	03/31/2022	8	0.7753	0.0000	0.7753	0.7753	0.0000	3	
KY_RS	03/31/2022	9	0.7655	0.3446	0.4208	0.4208	0.0000	3	
KY_RS	03/31/2022	10	0.7845	0.8657	(0.0812)	0.0000	(0.0812)	3	
KY_RS	03/31/2022	11	0.8274	1.3504	(0.5230)	0.0000	(0.5230)	3	
KY_RS	03/31/2022	12	0.8584	1.7797	(0.9213)	0.0000	(0.9213)	3	
KY_RS	03/31/2022	13	0.9006	2.4181	(1.5174)	0.0000	(1.5174)	3	
KY_RS	03/31/2022	14	0.9129	2.8095	(1.8966)	0.0000	(1.8966)	3	
KY_RS	03/31/2022	15	0.9319	3.0879	(2.1560)	0.0000	(2.1560)	3	
KY_RS	03/31/2022	16	1.0053	3.1358	(2.1305)	0.0000	(2.1305)	3	
KY_RS	03/31/2022	17	1.1143	2.7726	(1.6582)	0.0000	(1.6582)	3	
KY_RS	03/31/2022	18	1.2415	2.1928	(0.9513)	0.0000	(0.9513)	3	
KY_RS	03/31/2022	19	1.3099	1.1870	0.1230	0.1230	0.0000	3	
KY_RS	03/31/2022	20	1.3369	0.1737	1.1632	1.1632	0.0000	3	
KY_RS	03/31/2022	21	1.3657	0.0000	1.3657	1.3657	0.0000	3	
KY_RS	03/31/2022	22	1.3136	0.0000	1.3136	1.3136	0.0000	3	
KY_RS	03/31/2022	23	1.2028	0.0000	1.2028	1.2028	0.0000	3	
KY_RS	03/31/2022	24	1.0826	0.0000	1.0826	1.0826	0.0000	3	
			11,052.0003	8,841.8878	2,210.1125	6,807.8954	(4,597.7829)	25.6790	15.9099
				80.00%					

Inputs for Calculations

Values used in COSS Unit

Costs	TARIFF	Rate Nov 1, 2023
Energy		Energy Rates / kWh
	0.046797 RS	0.099654
	0.003497 # 78 (DSMR)	0.003497
	0.009404 # 80 (FAC)	0.009404
	(0.002596) # 82 (PSM)	(0.002596)
	0.005933 # 76 (ESM) Converted to \$/kWh...not used	0.011425
	0.063035 Total	0.121384
10.39%	# 76 (ESM) Percentage	10.39%
Demand		
\$	29.416	COSS 12-CP Demand Unit Cost \$ 29.416

0.057132 Proposed Excess Generation Credit 0.057132 0.057132

Average system size kW DC 7.08

Rate RS - Customer Charge is \$13.00 / month

Home Energy Assistance HEA Charge is \$0.30 / month

Targeted Solar Output % of PreSolar

80.00%

12-CP System Peak Hours from COSS

Hour

1/26/2022	8:00
2/8/2022	8:00
3/12/2022	20:00
4/28/2021	15:00
5/24/2021	17:00
6/29/2021	16:00
7/6/2021	17:00
8/12/2021	16:00
9/14/2021	17:00
10/11/2021	17:00
11/23/2021	8:00
12/7/2021	18:00

DEK COSS Unit Costs for Rates RS

	Customer	Energy	System 12-CP kW Demand	Total
COSS Revenue Requirement	\$ 21,058,935.00	\$ 69,840,717.00	\$ 102,013,458.00	\$ 192,913,110.00
Billing Determinant				
Units (# / kWh / kW)	1,620,224	1,492,427,084	3,467,941	3,467,941
Load Research Period kW - COSS			3,500,551	3,500,551
Load Research Period kWh - COSS			1,506,460,706	1,506,460,706
Load Research Period kW / kWh - COSS			0.00232369	0.00232369
\$ per unit	\$ / Mo	\$ / kWh	\$ / kW	
COSS Unit Cost	\$ 13.00	\$ 0.046797	\$ 29.42	\$ 29.42

PV Watts Hourly PV Performance Data

Requested Location	covington, ky	
Location	Lat, Lng: 39.09, -84.5	
Latitude (DD)	39.09	
Longitude (DD)	-84.5	
Elevation (m)	169.5	
DC System Size (kW)	7.0815	
Module Type	Standard	
Array Type	Fixed (roof mount)	
Array Tilt (deg)	20	
Array Azimuth (deg)	180	
System Losses (%)	14.08	
DC to AC Size Ratio	1.2	
Inverter Efficiency (%)	96	
Ground Coverage Ratio	NA	
Albedo	From weather file	
Bifacial	No (0)	
Monthly Irradiance Loss (%)	Jan	0
	Feb	0
	Mar	0
	Apr	0
	May	0
	June	0
	July	0
	Aug	0
	Sept	0
	Oct	0
	Nov	0
	Dec	0

1000 Convert to an I

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
1	1	0	0	0	-1	0.4	0.11	0	-1	0	0	0	1
1	1	1	0	0	-1	0.4	0.11	0	-1	0	0	0	1
1	1	2	0	0	-1	0.4	0.11	0	-1	0	0	0	1
1	1	3	0	0	-1	0.4	0.11	0	-1	0	0	0	1
1	1	4	0	0	-1	0.4	0.11	0	-1	0	0	0	1
1	1	5	0	0	0	0.4	0.11	0	0	0	0	0	1
1	1	6	0	0	0	0.5	0.11	0	0	0	0	0	1
1	1	7	0	0	0	0.5	0.11	0	0	0	0	0	1
1	1	8	222	31	1	0.6	0.11	107.765	4.919	521.166	474.631	0.474631	1
1	1	9	522	72	3	0.6	0.11	335.32	16.242	2093.638	1991.384	1.991384	1
1	1	10	652	94	6	0.6	0.11	519.381	26.603	3195.233	3053.945	3.053945	1
1	1	11	708	107	9	0.6	0.11	639.483	34.341	3808.34	3645.327	3.645327	1
1	1	12	391	178	10	0.5	0.11	499.732	30.338	2993.991	2859.834	2.859834	1
1	1	13	679	121	10	0.5	0.11	650.866	36.529	3835.978	3671.986	3.671986	1
1	1	14	347	147	9	0.5	0.11	398.313	25.23	2436.68	2322.271	2.322271	1
1	1	15	43	110	6	0.4	0.11	139.813	11.854	867.364	808.562	0.808562	1
1	1	16	0	3	4	0.4	0.11	2.827	4.117	14.838	0	0	1
1	1	17	0	0	4	0.5	0.11	0	4	0	0	0	1
1	1	18	0	0	5	0.6	0.11	0	5	0	0	0	1
1	1	19	0	0	6	0.6	0.11	0	6	0	0	0	1
1	1	20	0	0	7	0.7	0.11	0	7	0	0	0	1
1	1	21	0	0	8	0.8	0.11	0	8	0	0	0	1
1	1	22	0	0	9	0.8	0.11	0	9	0	0	0	1
1	1	23	0	0	9	0.8	0.11	0	9	0	0	0	1
1	2	0	0	0	9	0.8	0.11	0	9	0	0	0	1
1	2	1	0	0	8	0.7	0.11	0	8	0	0	0	1
1	2	2	0	0	8	0.7	0.11	0	8	0	0	0	1
1	2	3	0	0	8	0.8	0.11	0	8	0	0	0	1
1	2	4	0	0	9	0.9	0.11	0	9	0	0	0	1
1	2	5	0	0	9	0.9	0.11	0	9	0	0	0	1
1	2	6	0	0	9	1	0.11	0	9	0	0	0	1
1	2	7	0	0	10	1.2	0.11	0	10	0	0	0	1
1	2	8	61	29	11	1.4	0.11	51.764	12.551	242.539	205.877	0.205877	1
1	2	9	549	62	12	1.6	0.11	336.783	22.371	2054.865	1953.985	1.953985	1
1	2	10	0	114	13	1.7	0.11	112.715	16.393	677.901	625.812	0.625812	1
1	2	11	0	66	14	1.7	0.11	62.506	15.879	366.318	325.27	0.32527	1
1	2	12	115	209	15	1.8	0.11	321.222	24.467	1935.719	1839.061	1.839061	1
1	2	13	0	73	16	1.9	0.11	69.159	17.993	402.834	360.492	0.360492	1
1	2	14	0	76	16	1.8	0.11	72.112	18.124	422.277	379.246	0.379246	1
1	2	15	0	65	15	1.6	0.11	62.036	16.909	363.866	322.904	0.322904	1
1	2	16	0	6	15	1.4	0.11	5.657	15.181	29.05	0	0	1
1	2	17	0	0	14	1.3	0.11	0	14	0	0	0	1

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
1	2	18	0	0	14	1.2	0.11	0	14	0	0	0	1
1	2	19	0	0	14	1.2	0.11	0	14	0	0	0	1
1	2	20	0	0	14	1.1	0.11	0	14	0	0	0	1
1	2	21	0	0	13	1	0.11	0	13	0	0	0	1
1	2	22	0	0	12	0.8	0.11	0	12	0	0	0	1
1	2	23	0	0	12	0.7	0.11	0	12	0	0	0	1
1	3	0	0	0	11	0.7	0.11	0	11	0	0	0	1
1	3	1	0	0	10	0.6	0.11	0	10	0	0	0	1
1	3	2	0	0	10	0.4	0.11	0	10	0	0	0	1
1	3	3	0	0	9	0.3	0.11	0	9	0	0	0	1
1	3	4	0	0	8	0.3	0.11	0	8	0	0	0	1
1	3	5	0	0	8	0.5	0.11	0	8	0	0	0	1
1	3	6	0	0	9	0.6	0.11	0	9	0	0	0	1
1	3	7	0	0	9	0.6	0.11	0	9	0	0	0	1
1	3	8	0	1	9	0.5	0.11	0.942	9.036	0	0	0	1
1	3	9	0	51	11	0.6	0.11	48.316	12.905	284.225	246.086	0.246086	1
1	3	10	0	28	13	1.1	0.11	26.463	13.915	151.39	117.958	0.117958	1
1	3	11	0	16	15	1.4	0.11	15.12	15.486	83.288	52.269	0.052269	1
1	3	12	0	39	17	1.6	0.11	36.899	18.133	208.76	173.294	0.173294	1
1	3	13	0	87	18	1.7	0.11	82.755	20.487	480.461	435.369	0.435369	1
1	3	14	0	105	18	1.7	0.11	101.992	21.069	598.218	548.952	0.548952	1
1	3	15	0	8	17	1.6	0.11	7.549	17.232	40.076	10.588	0.010588	1
1	3	16	0	8	17	1.5	0.11	7.544	17.236	38.949	9.501	0.009501	1
1	3	17	0	0	16	1.4	0.11	0	16	0	0	0	1
1	3	18	0	0	16	1.2	0.11	0	16	0	0	0	1
1	3	19	0	0	15	1.1	0.11	0	15	0	0	0	1
1	3	20	0	0	15	1.3	0.11	0	15	0	0	0	1
1	3	21	0	0	15	1.7	0.11	0	15	0	0	0	1
1	3	22	0	0	15	1.8	0.11	0	15	0	0	0	1
1	3	23	0	0	14	1.5	0.11	0	14	0	0	0	1
1	4	0	0	0	13	1.2	0.11	0	13	0	0	0	1
1	4	1	0	0	12	1.2	0.11	0	12	0	0	0	1
1	4	2	0	0	11	1.2	0.11	0	11	0	0	0	1
1	4	3	0	0	9	1.2	0.11	0	9	0	0	0	1
1	4	4	0	0	8	1.4	0.11	0	8	0	0	0	1
1	4	5	0	0	6	1.5	0.11	0	6	0	0	0	1
1	4	6	0	0	4	1.4	0.11	0	4	0	0	0	1
1	4	7	0	0	3	1.2	0.11	0	3	0	0	0	1
1	4	8	0	4	3	1.2	0.11	3.769	3.12	17.091	0	0	1
1	4	9	0	37	3	1.4	0.11	34.985	4.125	210.748	175.213	0.175213	1
1	4	10	0	27	3	1.5	0.11	25.516	3.803	152.347	118.881	0.118881	1
1	4	11	0	34	3	1.5	0.11	32.156	4.01	192.736	157.839	0.157839	1
1	4	12	2	158	2	1.5	0.11	158.238	6.969	992.004	928.785	0.928785	1

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
1	4	13	0	70	2	1.4	0.11	66.309	4.13	408.072	365.544	0.365544	1
1	4	14	0	103	1	1.4	0.11	99.841	4.211	625.986	575.737	0.575737	1
1	4	15	0	44	0	1.3	0.11	41.618	1.371	256.256	219.107	0.219107	1
1	4	16	0	18	0	1.2	0.11	16.995	0.57	98.648	67.085	0.067085	1
1	4	17	0	0	0	1	0.11	0	0	0	0	0	1
1	4	18	0	0	0	1	0.11	0	0	0	0	0	1
1	4	19	0	0	0	1	0.11	0	0	0	0	0	1
1	4	20	0	0	-1	1	0.11	0	-1	0	0	0	1
1	4	21	0	0	-1	1.1	0.11	0	-1	0	0	0	1
1	4	22	0	0	-1	1.1	0.11	0	-1	0	0	0	1
1	4	23	0	0	-2	1	0.11	0	-2	0	0	0	1
1	5	0	0	0	-2	1	0.11	0	-2	0	0	0	1
1	5	1	0	0	-2	0.9	0.11	0	-2	0	0	0	1
1	5	2	0	0	-3	0.8	0.11	0	-3	0	0	0	1
1	5	3	0	0	-3	0.7	0.11	0	-3	0	0	0	1
1	5	4	0	0	-3	0.6	0.11	0	-3	0	0	0	1
1	5	5	0	0	-4	0.5	0.11	0	-4	0	0	0	1
1	5	6	0	0	-5	0.4	0.11	0	-5	0	0	0	1
1	5	7	0	0	-4	0.5	0.11	0	-4	0	0	0	1
1	5	8	0	20	-3	0.6	0.11	18.909	-2.295	94.52	63.103	0.063103	1
1	5	9	0	81	-1	0.5	0.11	81.122	2.291	508.434	462.35	0.46235	1
1	5	10	0	113	0	0.2	0.11	111.515	4.96	701.254	648.337	0.648337	1
1	5	11	40	177	0	0.1	0.11	216.617	9.948	1363.352	1286.975	1.286975	1
1	5	12	26	184	1	0.3	0.11	204.687	9.812	1282.3	1208.795	1.208795	1
1	5	13	316	187	2	0.5	0.11	450.613	20.332	2797.458	2670.265	2.670265	1
1	5	14	148	171	1	0.6	0.11	289.613	12.448	1834.502	1741.431	1.741431	1
1	5	15	130	119	0	0.5	0.11	203.266	8.275	1299.965	1225.835	1.225835	1
1	5	16	42	55	-1	0.5	0.11	74.15	1.984	449.751	405.746	0.405746	1
1	5	17	0	0	-3	0.5	0.11	0	-3	0	0	0	1
1	5	18	0	0	-4	0.4	0.11	0	-4	0	0	0	1
1	5	19	0	0	-4	0.4	0.11	0	-4	0	0	0	1
1	5	20	0	0	-4	0.4	0.11	0	-4	0	0	0	1
1	5	21	0	0	-4	0.4	0.11	0	-4	0	0	0	1
1	5	22	0	0	-4	0.4	0.11	0	-4	0	0	0	1
1	5	23	0	0	-4	0.4	0.11	0	-4	0	0	0	1
1	6	0	0	0	-4	0.5	0.11	0	-4	0	0	0	1
1	6	1	0	0	-4	0.6	0.11	0	-4	0	0	0	1
1	6	2	0	0	-4	0.6	0.11	0	-4	0	0	0	1
1	6	3	0	0	-4	0.6	0.11	0	-4	0	0	0	1
1	6	4	0	0	-4	0.6	0.11	0	-4	0	0	0	1
1	6	5	0	0	-3	0.6	0.11	0	-3	0	0	0	1
1	6	6	0	0	-3	0.6	0.11	0	-3	0	0	0	1
1	6	7	0	0	-2	0.7	0.11	0	-2	0	0	0	1

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
1	6	8	416	25	-1	0.9	0.11	149.172	3.944	710.086	656.857	0.656857	1
1	6	9	713	49	1	1.1	0.11	393.494	14.619	2480.755	2364.784	2.364784	1
1	6	10	833	61	3	1.2	0.11	588.264	22.968	3681.654	3523.131	3.523131	1
1	6	11	884	68	5	1.3	0.11	711.451	28.554	4342.702	4160.755	4.160755	1
1	6	12	897	72	6	1.2	0.11	764.213	31.894	4592.927	4402.114	4.402114	1
1	6	13	882	72	6	1.1	0.11	738.822	31.659	4448.75	4263.045	4.263045	1
1	6	14	836	69	6	0.9	0.11	644.007	29.553	3923.488	3756.396	3.756396	1
1	6	15	743	60	4	0.6	0.11	475.857	22.891	2974.478	2841.012	2.841012	1
1	6	16	545	41	1	0.4	0.11	255.724	11.526	1519.563	1437.65	1.43765	1
1	6	17	0	0	0	0.5	0.11	0	0	0	0	0	1
1	6	18	0	0	0	0.5	0.11	0	0	0	0	0	1
1	6	19	0	0	0	0.6	0.11	0	0	0	0	0	1
1	6	20	0	0	0	0.6	0.11	0	0	0	0	0	1
1	6	21	0	0	-1	0.6	0.11	0	-1	0	0	0	1
1	6	22	0	0	0	0.6	0.11	0	0	0	0	0	1
1	6	23	0	0	0	0.6	0.11	0	0	0	0	0	1
1	7	0	0	0	0	0.6	0.11	0	0	0	0	0	1
1	7	1	0	0	0	0.7	0.11	0	0	0	0	0	1
1	7	2	0	0	0	0.6	0.11	0	0	0	0	0	1
1	7	3	0	0	0	0.6	0.11	0	0	0	0	0	1
1	7	4	0	0	0	0.5	0.11	0	0	0	0	0	1
1	7	5	0	0	-1	0.5	0.11	0	-1	0	0	0	1
1	7	6	0	0	-2	0.5	0.11	0	-2	0	0	0	1
1	7	7	0	0	-1	0.6	0.11	0	-1	0	0	0	1
1	7	8	395	26	0	0.8	0.11	147.575	5.035	704.206	651.185	0.651185	1
1	7	9	714	51	1	1	0.11	396.036	15.054	2493.078	2376.671	2.376671	1
1	7	10	847	63	3	1.2	0.11	599.373	23.344	3745.939	3585.138	3.585138	1
1	7	11	916	68	4	1.4	0.11	734.749	27.765	4497.926	4310.478	4.310478	1
1	7	12	947	67	4	1.3	0.11	796.728	30.361	4816.224	4617.498	4.617498	1
1	7	13	945	65	4	1.2	0.11	777.996	30.369	4708.026	4513.134	4.513134	1
1	7	14	909	61	4	1	0.11	679.589	28.227	4164.018	3988.403	3.988403	1
1	7	15	827	53	2	0.6	0.11	514.267	22.42	3225.618	3083.254	3.083254	1
1	7	16	644	37	-1	0.4	0.11	285.779	10.765	1708.419	1619.815	1.619815	1
1	7	17	0	0	-3	0.4	0.11	0	0	0	0	0	1
1	7	18	0	0	-3	0.4	0.11	0	-3	0	0	0	1
1	7	19	0	0	-3	0.5	0.11	0	-3	0	0	0	1
1	7	20	0	0	-3	0.7	0.11	0	-3	0	0	0	1
1	7	21	0	0	-2	0.8	0.11	0	-2	0	0	0	1
1	7	22	0	0	-1	0.6	0.11	0	-1	0	0	0	1
1	7	23	0	0	-1	0.5	0.11	0	-1	0	0	0	1
1	8	0	0	0	-2	0.6	0.11	0	-2	0	0	0	1
1	8	1	0	0	-3	0.5	0.11	0	-3	0	0	0	1
1	8	2	0	0	-3	0.3	0.11	0	-3	0	0	0	1

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
1	8	3	0	0	-3	0.4	0.11	0	-3	0	0	0	1
1	8	4	0	0	-3	0.4	0.11	0	-3	0	0	0	1
1	8	5	0	0	-3	0.4	0.11	0	-3	0	0	0	1
1	8	6	0	0	-3	0.5	0.11	0	-3	0	0	0	1
1	8	7	0	0	-2	0.6	0.11	0	-2	0	0	0	1
1	8	8	56	29	-1	0.7	0.11	50.022	0.794	248.531	211.657	0.211657	1
1	8	9	169	91	0	0.7	0.11	186.738	7.167	1185.096	1115.036	1.115036	1
1	8	10	107	151	1	0.7	0.11	234.793	10.027	1493.418	1412.432	1.412432	1
1	8	11	270	185	2	0.8	0.11	408.151	17.274	2559.067	2440.321	2.440321	1
1	8	12	13	174	3	0.7	0.11	183.655	10.035	1144.105	1075.497	1.075497	1
1	8	13	108	206	3	0.6	0.11	300.974	14.876	1878.669	1784.032	1.784032	1
1	8	14	129	175	2	0.5	0.11	282.211	13.475	1777.327	1686.282	1.686282	1
1	8	15	0	20	1	0.5	0.11	18.889	1.767	112.482	80.428	0.080428	1
1	8	16	0	2	0	0.4	0.11	1.885	0.078	9.997	0	0	1
1	8	17	0	0	0	0.4	0.11	0	0	0	0	0	1
1	8	18	0	0	0	0.5	0.11	0	0	0	0	0	1
1	8	19	0	0	0	0.5	0.12	0	0	0	0	0	1
1	8	20	0	0	0	0.6	0.12	0	0	0	0	0	1
1	8	21	0	0	0	0.6	0.12	0	0	0	0	0	1
1	8	22	0	0	0	0.7	0.12	0	0	0	0	0	1
1	8	23	0	0	0	0.6	0.12	0	0	0	0	0	1
1	9	0	0	0	-1	0.6	0.12	0	-1	0	0	0	1
1	9	1	0	0	-1	0.6	0.12	0	-1	0	0	0	1
1	9	2	0	0	-1	0.6	0.12	0	-1	0	0	0	1
1	9	3	0	0	0	0.6	0.12	0	0	0	0	0	1
1	9	4	0	0	0	0.7	0.12	0	0	0	0	0	1
1	9	5	0	0	0	0.7	0.12	0	0	0	0	0	1
1	9	6	0	0	0	0.7	0.12	0	0	0	0	0	1
1	9	7	0	0	0	0.7	0.12	0	0	0	0	0	1
1	9	8	0	14	2	0.8	0.12	13.224	2.469	64.608	34.25	0.03425	1
1	9	9	0	58	3	0.8	0.12	55.613	5.075	339.983	299.869	0.299869	1
1	9	10	0	100	4	0.7	0.12	97.391	7.736	602.825	553.397	0.553397	1
1	9	11	0	38	5	0.6	0.12	35.958	6.417	214.2	178.542	0.178542	1
1	9	12	0	111	6	0.5	0.12	106.949	10.333	652.433	601.247	0.601247	1
1	9	13	18	176	7	0.5	0.12	189.792	14.695	1163.929	1094.618	1.094618	1
1	9	14	0	91	7	0.4	0.12	87.229	10.645	530.187	483.333	0.483333	1
1	9	15	0	60	6	0.4	0.12	56.826	8.377	344.208	303.944	0.303944	1
1	9	16	259	71	4	0.6	0.12	183.652	11.168	1101.64	1034.537	1.034537	1
1	9	17	0	0	3	0.7	0.12	0	0	0	0	0	1
1	9	18	0	0	3	0.5	0.12	0	3	0	0	0	1
1	9	19	0	0	3	0.4	0.12	0	3	0	0	0	1
1	9	20	0	0	3	0.4	0.12	0	3	0	0	0	1
1	9	21	0	0	2	0.4	0.12	0	2	0	0	0	1

Month	Day	Hour	Beam Irradiance (W/m ²)	Diffuse Irradiance (W/m ²)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m ²)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
1	9	22	0	0	3	0.5	0.12	0	3	0	0	0	1
1	9	23	0	0	4	0.7	0.12	0	4	0	0	0	1
1	10	0	0	0	4	0.8	0.12	0	4	0	0	0	1
1	10	1	0	0	4	0.8	0.12	0	4	0	0	0	1
1	10	2	0	0	4	0.8	0.12	0	4	0	0	0	1
1	10	3	0	0	4	0.9	0.12	0	4	0	0	0	1
1	10	4	0	0	5	1.1	0.12	0	5	0	0	0	1
1	10	5	0	0	6	1.2	0.12	0	6	0	0	0	1
1	10	6	0	0	7	1.2	0.12	0	7	0	0	0	1
1	10	7	0	0	8	1.5	0.12	0	8	0	0	0	1
1	10	8	0	1	8	1.9	0.12	0.942	8.026	0	0	0	1
1	10	9	617	60	8	2.1	0.12	364.596	18.115	2265.546	2157.2	2.1572	1
1	10	10	0	96	8	2.1	0.12	93.12	10.58	568.965	520.736	0.520736	1
1	10	11	0	43	8	2.2	0.12	40.698	9.104	240.898	204.294	0.204294	1
1	10	12	802	99	9	2.2	0.12	734.822	29.045	4456.427	4270.45	4.27045	1
1	10	13	866	76	10	2.2	0.12	743.73	30.298	4496.973	4309.559	4.309559	1
1	10	14	850	66	10	2.1	0.12	657.022	28.307	4020.174	3849.655	3.849655	1
1	10	15	777	56	9	1.8	0.12	496.796	23.732	3098.41	2960.553	2.960553	1
1	10	16	598	39	8	1.4	0.12	275.864	16.761	1624.322	1538.698	1.538698	1
1	10	17	0	0	6	1.1	0.12	0	0	0	0	0	1
1	10	18	0	0	6	1.1	0.12	0	6	0	0	0	1
1	10	19	0	0	6	1.1	0.12	0	6	0	0	0	1
1	10	20	0	0	6	1.2	0.12	0	6	0	0	0	1
1	10	21	0	0	6	1.2	0.12	0	6	0	0	0	1
1	10	22	0	0	6	1.2	0.12	0	6	0	0	0	1
1	10	23	0	0	6	1.5	0.12	0	6	0	0	0	1
1	11	0	0	0	7	1.6	0.12	0	7	0	0	0	1
1	11	1	0	0	7	1.6	0.12	0	7	0	0	0	1
1	11	2	0	0	7	1.6	0.12	0	7	0	0	0	1
1	11	3	0	0	6	1.5	0.12	0	6	0	0	0	1
1	11	4	0	0	5	1.4	0.12	0	5	0	0	0	1
1	11	5	0	0	5	1.5	0.12	0	5	0	0	0	1
1	11	6	0	0	4	1.6	0.12	0	4	0	0	0	1
1	11	7	0	0	3	1.6	0.12	0	3	0	0	0	1
1	11	8	440	26	3	1.8	0.12	156.016	7.222	750.116	695.469	0.695469	1
1	11	9	728	52	3	2.1	0.12	403.758	14.203	2551.801	2433.313	2.433313	1
1	11	10	825	68	3	2.2	0.12	593.725	19.23	3765.381	3603.891	3.603891	1
1	11	11	853	82	3	2.1	0.12	715.589	22.924	4455.108	4269.178	4.269178	1
1	11	12	863	89	4	2	0.12	770.873	25.882	4732.201	4536.453	4.536453	1
1	11	13	865	86	4	1.9	0.12	756.488	25.922	4647.832	4455.072	4.455072	1
1	11	14	839	77	4	1.6	0.12	664.55	24.552	4121.771	3947.652	3.947652	1
1	11	15	763	64	3	1.2	0.12	500.236	19.981	3162.836	3022.697	3.022697	1
1	11	16	588	43	1	0.7	0.12	277.787	11.527	1673.551	1586.183	1.586183	1

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
1	11	17	0	0	0	0.5	0.12	0	0	0	0	0	1
1	11	18	0	0	0	0.5	0.12	0	0	0	0	0	1
1	11	19	0	0	0	0.6	0.12	0	0	0	0	0	1
1	11	20	0	0	0	0.5	0.12	0	0	0	0	0	1
1	11	21	0	0	0	0.4	0.12	0	0	0	0	0	1
1	11	22	0	0	-1	0.4	0.12	0	-1	0	0	0	1
1	11	23	0	0	-2	0.4	0.12	0	-2	0	0	0	1
1	12	0	0	0	-1	0.6	0.12	0	-1	0	0	0	1
1	12	1	0	0	-1	0.7	0.12	0	-1	0	0	0	1
1	12	2	0	0	0	0.4	0.12	0	0	0	0	0	1
1	12	3	0	0	0	0.3	0.12	0	0	0	0	0	1
1	12	4	0	0	-1	0.6	0.12	0	-1	0	0	0	1
1	12	5	0	0	-2	0.6	0.12	0	-2	0	0	0	1
1	12	6	0	0	-3	0.4	0.12	0	-3	0	0	0	1
1	12	7	0	0	-2	0.5	0.12	0	-2	0	0	0	1
1	12	8	435	25	0	0.7	0.12	154.046	5.443	750.591	695.927	0.695927	1
1	12	9	723	48	1	0.9	0.12	397.257	15.468	2499.15	2382.527	2.382527	1
1	12	10	840	59	4	1	0.12	592.874	25.144	3679.471	3521.025	3.521025	1
1	12	11	658	107	6	1	0.12	610.157	27.717	3722.171	3562.212	3.562212	1
1	12	12	555	150	7	0.9	0.12	607.79	29.168	3669.768	3511.666	3.511666	1
1	12	13	586	136	8	0.8	0.12	611.185	30.896	3670.938	3512.794	3.512794	1
1	12	14	409	150	8	0.7	0.12	460.234	25.719	2814.69	2686.887	2.686887	1
1	12	15	344	111	6	0.5	0.12	326.799	19.327	2042.597	1942.152	1.942152	1
1	12	16	592	42	3	0.5	0.12	279.884	14.23	1673.313	1585.953	1.585953	1
1	12	17	0	0	2	0.7	0.12	0	0	0	0	0	1
1	12	18	0	0	3	0.8	0.12	0	3	0	0	0	1
1	12	19	0	0	5	0.7	0.12	0	5	0	0	0	1
1	12	20	0	0	7	0.8	0.12	0	7	0	0	0	1
1	12	21	0	0	9	1.2	0.12	0	9	0	0	0	1
1	12	22	0	0	11	1.7	0.12	0	11	0	0	0	1
1	12	23	0	0	12	1.9	0.12	0	12	0	0	0	1
1	13	0	0	0	12	1.7	0.12	0	12	0	0	0	1
1	13	1	0	0	11	1.4	0.12	0	11	0	0	0	1
1	13	2	0	0	10	1.4	0.12	0	10	0	0	0	1
1	13	3	0	0	8	1.5	0.12	0	8	0	0	0	1
1	13	4	0	0	5	1.6	0.12	0	5	0	0	0	1
1	13	5	0	0	3	1.5	0.12	0	3	0	0	0	1
1	13	6	0	0	1	1.5	0.12	0	1	0	0	0	1
1	13	7	0	0	1	1.6	0.12	0	1	0	0	0	1
1	13	8	350	29	1	1.9	0.12	138.614	4.709	687.805	635.365	0.635365	1
1	13	9	57	93	1	2.2	0.12	125.33	4.406	792.91	736.746	0.736746	1
1	13	10	47	148	1	2.2	0.12	186.128	6.063	1189.157	1118.952	1.118952	1
1	13	11	18	170	1	2.1	0.12	183.258	6.074	1161.378	1092.158	1.092158	1

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
1	13	12	107	219	1	1.9	0.12	316.598	10.133	2009.354	1910.087	1.910087	1
1	13	13	88	210	2	1.8	0.12	290.8	10.566	1839.158	1745.922	1.745922	1
1	13	14	6	148	1	1.6	0.12	151.475	5.657	956.868	894.895	0.894895	1
1	13	15	0	64	0	1.5	0.12	60.639	1.908	377.925	336.466	0.336466	1
1	13	16	0	15	0	1.2	0.12	14.161	0.476	82.447	51.457	0.051457	1
1	13	17	0	0	0	1.1	0.12	0	0	0	0	0	1
1	13	18	0	0	0	1	0.12	0	0	0	0	0	1
1	13	19	0	0	-1	1	0.12	0	-1	0	0	0	1
1	13	20	0	0	-2	0.9	0.12	0	-2	0	0	0	1
1	13	21	0	0	-3	0.7	0.12	0	-3	0	0	0	1
1	13	22	0	0	-4	0.6	0.12	0	-4	0	0	0	1
1	13	23	0	0	-5	0.6	0.12	0	-5	0	0	0	1
1	14	0	0	0	-5	0.5	0.12	0	-5	0	0	0	1
1	14	1	0	0	-6	0.5	0.12	0	-6	0	0	0	1
1	14	2	0	0	-6	0.5	0.12	0	-6	0	0	0	1
1	14	3	0	0	-6	0.4	0.12	0	-6	0	0	0	1
1	14	4	0	0	-6	0.3	0.12	0	-6	0	0	0	1
1	14	5	0	0	-6	0.3	0.12	0	-6	0	0	0	1
1	14	6	0	0	-6	0.4	0.12	0	-6	0	0	0	1
1	14	7	0	0	-6	0.5	0.12	0	-6	0	0	0	1
1	14	8	434	27	-5	0.7	0.12	155.607	0.531	785.527	729.624	0.729624	1
1	14	9	727	53	-3	0.7	0.12	405.195	12.57	2578.439	2459.007	2.459007	1
1	14	10	845	67	-1	0.8	0.12	606.835	21.796	3812.165	3649.017	3.649017	1
1	14	11	900	74	0	0.7	0.12	743.075	28.644	4527.382	4338.891	4.338891	1
1	14	12	915	79	0	0.6	0.12	797.49	31.588	4790.198	4592.394	4.592394	1
1	14	13	538	151	0	0.5	0.12	590.618	24.047	3636.161	3479.249	3.479249	1
1	14	14	808	89	0	0.4	0.12	663.128	27.865	4057.271	3885.438	3.885438	1
1	14	15	380	109	0	0.2	0.12	345.95	15.458	2198.287	2092.325	2.092325	1
1	14	16	460	61	-1	0.3	0.12	255.381	9.904	1560.83	1477.456	1.477456	1
1	14	17	0	0	-2	0.4	0.12	0	0	0	0	0	1
1	14	18	0	0	-2	0.4	0.12	0	-2	0	0	0	1
1	14	19	0	0	-2	0.6	0.12	0	-2	0	0	0	1
1	14	20	0	0	-2	0.6	0.12	0	-2	0	0	0	1
1	14	21	0	0	-3	0.6	0.12	0	-3	0	0	0	1
1	14	22	0	0	-3	0.7	0.12	0	-3	0	0	0	1
1	14	23	0	0	-3	0.7	0.12	0	-3	0	0	0	1
1	15	0	0	0	-3	0.7	0.12	0	-3	0	0	0	1
1	15	1	0	0	-3	0.7	0.12	0	-3	0	0	0	1
1	15	2	0	0	-3	0.7	0.12	0	-3	0	0	0	1
1	15	3	0	0	-4	0.7	0.12	0	-4	0	0	0	1
1	15	4	0	0	-4	0.8	0.12	0	-4	0	0	0	1
1	15	5	0	0	-4	0.9	0.12	0	-4	0	0	0	1
1	15	6	0	0	-3	0.9	0.12	0	-3	0	0	0	1

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
1	15	7	0	0	-2	0.9	0.12	0	-2	0	0	0	1
1	15	8	167	30	-1	1.1	0.12	90.244	1.935	464.8	420.262	0.420262	1
1	15	9	155	95	1	1.2	0.12	178.311	7.019	1131.874	1063.699	1.063699	1
1	15	10	355	136	3	1.4	0.12	376.519	15.166	2393.096	2280.231	2.280231	1
1	15	11	509	147	5	1.4	0.12	547.107	22.664	3388.882	3240.733	3.240733	1
1	15	12	386	193	6	1.4	0.12	519.924	22.762	3200.216	3058.752	3.058752	1
1	15	13	99	215	6	1.2	0.12	304.917	16.283	1890.022	1794.983	1.794983	1
1	15	14	26	165	6	1	0.12	183.558	12.505	1138.299	1069.897	1.069897	1
1	15	15	454	100	5	0.8	0.12	377.39	19.164	2372.808	2260.662	2.260662	1
1	15	16	236	64	3	0.8	0.12	174.352	9.462	1063.334	997.588	0.997588	1
1	15	17	0	0	2	0.8	0.12	0	0	0	0	0	1
1	15	18	0	0	2	0.9	0.12	0	2	0	0	0	1
1	15	19	0	0	2	1	0.12	0	2	0	0	0	1
1	15	20	0	0	3	1.2	0.12	0	3	0	0	0	1
1	15	21	0	0	4	1.4	0.12	0	4	0	0	0	1
1	15	22	0	0	5	1.4	0.12	0	5	0	0	0	1
1	15	23	0	0	5	1.4	0.12	0	5	0	0	0	1
1	16	0	0	0	6	1.6	0.12	0	6	0	0	0	1
1	16	1	0	0	6	1.6	0.12	0	6	0	0	0	1
1	16	2	0	0	6	1.5	0.12	0	6	0	0	0	1
1	16	3	0	0	6	1.4	0.12	0	6	0	0	0	1
1	16	4	0	0	5	1.2	0.12	0	5	0	0	0	1
1	16	5	0	0	5	1.2	0.12	0	5	0	0	0	1
1	16	6	0	0	5	1.1	0.12	0	5	0	0	0	1
1	16	7	0	0	5	1	0.12	0	5	0	0	0	1
1	16	8	215	34	6	1	0.12	108.034	9.605	544.478	497.117	0.497117	1
1	16	9	106	97	7	1	0.12	158.209	12.611	978.899	916.145	0.916145	1
1	16	10	361	136	8	1.2	0.12	389.472	21.191	2420.958	2307.105	2.307105	1
1	16	11	191	202	8	1.4	0.12	363.227	19.702	2243.604	2136.036	2.136036	1
1	16	12	248	218	7	1.6	0.12	444.504	20.685	2741.15	2615.952	2.615952	1
1	16	13	347	196	6	1.7	0.12	490.007	20.775	3035.575	2899.944	2.899944	1
1	16	14	216	183	4	1.6	0.12	351.723	14.842	2218.043	2111.381	2.111381	1
1	16	15	61	131	3	1.4	0.12	173.294	8.586	1097.234	1030.287	1.030287	1
1	16	16	124	69	2	1.2	0.12	126.325	6.236	776.277	720.702	0.720702	1
1	16	17	0	0	0	1.1	0.12	0	0	0	0	0	1
1	16	18	0	0	0	1	0.12	0	0	0	0	0	1
1	16	19	0	0	0	1	0.12	0	0	0	0	0	1
1	16	20	0	0	-1	1.1	0.12	0	-1	0	0	0	1
1	16	21	0	0	-2	1	0.12	0	-2	0	0	0	1
1	16	22	0	0	-3	1	0.12	0	-3	0	0	0	1
1	16	23	0	0	-3	1	0.12	0	-3	0	0	0	1
1	17	0	0	0	-4	1	0.12	0	-4	0	0	0	1
1	17	1	0	0	-4	0.9	0.12	0	-4	0	0	0	1

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
1	17	2	0	0	-5	0.9	0.12	0	-5	0	0	0	1
1	17	3	0	0	-5	1	0.12	0	-5	0	0	0	1
1	17	4	0	0	-5	1	0.12	0	-5	0	0	0	1
1	17	5	0	0	-5	1.1	0.12	0	-5	0	0	0	1
1	17	6	0	0	-6	1.1	0.12	0	-6	0	0	0	1
1	17	7	0	0	-5	1.1	0.12	0	-5	0	0	0	1
1	17	8	262	35	-4	1.2	0.12	121.734	-0.131	641.19	590.402	0.590402	1
1	17	9	578	72	-3	1.3	0.12	361.46	8.925	2326.924	2216.404	2.216404	1
1	17	10	717	92	-2	1.3	0.12	562.401	16.626	3592.126	3436.775	3.436775	1
1	17	11	564	136	0	1.2	0.12	575.365	19.477	3610.096	3454.108	3.454108	1
1	17	12	769	119	0	1.2	0.12	746.632	25.27	4582.874	4392.417	4.392417	1
1	17	13	203	218	0	1.2	0.12	397.298	13.411	2510.99	2393.948	2.393948	1
1	17	14	73	184	0	1.2	0.12	246.247	8.31	1568.233	1484.596	1.484596	1
1	17	15	0	114	0	1	0.12	113.409	4.021	716.702	663.239	0.663239	1
1	17	16	0	59	0	0.8	0.12	58.215	2.168	357.57	316.832	0.316832	1
1	17	17	0	4	-1	0.7	0.12	3.879	-0.872	14.2	0	0	1
1	17	18	0	0	-2	0.7	0.12	0	-2	0	0	0	1
1	17	19	0	0	-2	0.8	0.12	0	-2	0	0	0	1
1	17	20	0	0	-2	1.1	0.12	0	-2	0	0	0	1
1	17	21	0	0	-3	1.2	0.12	0	-3	0	0	0	1
1	17	22	0	0	-3	1.3	0.12	0	-3	0	0	0	1
1	17	23	0	0	-3	1.3	0.12	0	-3	0	0	0	1
1	18	0	0	0	-3	1.2	0.12	0	-3	0	0	0	1
1	18	1	0	0	-3	1	0.12	0	-3	0	0	0	1
1	18	2	0	0	-2	0.9	0.12	0	-2	0	0	0	1
1	18	3	0	0	-2	0.8	0.12	0	-2	0	0	0	1
1	18	4	0	0	-2	0.6	0.12	0	-2	0	0	0	1
1	18	5	0	0	-3	0.5	0.12	0	-3	0	0	0	1
1	18	6	0	0	-3	0.5	0.12	0	-3	0	0	0	1
1	18	7	0	0	-3	0.5	0.12	0	-3	0	0	0	1
1	18	8	104	39	-2	0.6	0.12	80.099	1.017	430.781	387.449	0.387449	1
1	18	9	406	101	-1	0.7	0.12	313.28	11.036	1993.829	1895.111	1.895111	1
1	18	10	0	92	0	0.7	0.12	88.612	3.399	555.52	507.768	0.507768	1
1	18	11	0	133	0	0.8	0.12	129.975	4.845	816.4	759.403	0.759403	1
1	18	12	13	182	0	0.9	0.12	191.465	6.949	1205.752	1134.96	1.13496	1
1	18	13	0	150	1	1	0.12	147.32	6.21	922.233	861.486	0.861486	1
1	18	14	0	97	0	1.1	0.12	93.032	3.212	582.537	533.828	0.533828	1
1	18	15	0	45	0	1	0.12	42.58	1.51	262.172	224.814	0.224814	1
1	18	16	0	10	0	0.8	0.12	9.436	0.351	54.283	24.292	0.024292	1
1	18	17	0	0	0	0.7	0.12	0	0	0	0	0	1
1	18	18	0	0	-1	0.8	0.12	0	-1	0	0	0	1
1	18	19	0	0	-1	0.9	0.12	0	-1	0	0	0	1
1	18	20	0	0	-1	0.9	0.12	0	-1	0	0	0	1

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
1	18	21	0	0	-1	0.9	0.12	0	-1	0	0	0	1
1	18	22	0	0	-1	0.9	0.12	0	-1	0	0	0	1
1	18	23	0	0	-2	0.8	0.12	0	-2	0	0	0	1
1	19	0	0	0	-3	0.8	0.12	0	-3	0	0	0	1
1	19	1	0	0	-3	0.9	0.12	0	-3	0	0	0	1
1	19	2	0	0	-3	0.8	0.12	0	-3	0	0	0	1
1	19	3	0	0	-4	0.7	0.12	0	-4	0	0	0	1
1	19	4	0	0	-4	0.7	0.12	0	-4	0	0	0	1
1	19	5	0	0	-4	0.6	0.12	0	-4	0	0	0	1
1	19	6	0	0	-4	0.3	0.12	0	-4	0	0	0	1
1	19	7	0	0	-4	0.2	0.12	0	-4	0	0	0	1
1	19	8	432	29	-2	0.2	0.12	160.862	4.727	834.744	777.098	0.777098	1
1	19	9	41	96	-1	0.2	0.12	120.734	4.371	763.576	708.452	0.708452	1
1	19	10	377	137	0	0.2	0.12	401.523	17.928	2527.911	2410.269	2.410269	1
1	19	11	143	208	0	0.3	0.12	335.961	14.488	2107.557	2004.81	2.00481	1
1	19	12	96	227	0	0.5	0.12	317.319	12.871	1990.094	1891.509	1.891509	1
1	19	13	140	225	1	0.6	0.12	358.229	15.13	2239.078	2131.671	2.131671	1
1	19	14	14	162	0	0.5	0.12	171.494	6.956	1081.642	1015.247	1.015247	1
1	19	15	294	128	0	0.3	0.12	315.715	13.663	2010.62	1911.308	1.911308	1
1	19	16	0	45	0	0.4	0.12	42.715	1.782	260.117	222.832	0.222832	1
1	19	17	0	4	0	0.5	0.12	3.879	0.136	14.128	0	0	1
1	19	18	0	0	-1	0.6	0.12	0	-1	0	0	0	1
1	19	19	0	0	-1	0.6	0.87	0	-1	0	0	0	1
1	19	20	0	0	-1	0.6	0.87	0	-1	0	0	0	1
1	19	21	0	0	-2	0.7	0.87	0	-2	0	0	0	1
1	19	22	0	0	-2	0.6	0.87	0	-2	0	0	0	1
1	19	23	0	0	-1	0.5	0.87	0	-1	0	0	0	1
1	20	0	0	0	-1	0.3	0.87	0	-1	0	0	0	1
1	20	1	0	0	-1	0.7	0.87	0	-1	0	0	0	1
1	20	2	0	0	-1	1.2	0.87	0	-1	0	0	0	1
1	20	3	0	0	-1	1.5	0.87	0	-1	0	0	0	1
1	20	4	0	0	-2	1.6	0.87	0	-2	0	0	0	1
1	20	5	0	0	-2	1.7	0.87	0	-2	0	0	0	1
1	20	6	0	0	-2	1.7	0.87	0	-2	0	0	0	1
1	20	7	0	0	-3	1.7	0.87	0	-3	0	0	0	1
1	20	8	0	25	-3	1.9	0.87	24.312	-2.319	133.596	100.794	0.100794	1
1	20	9	24	95	-3	2	0.87	113.757	0.211	724.293	670.56	0.67056	1
1	20	10	63	158	-3	2.1	0.87	211.021	2.844	1360.379	1284.107	1.284107	1
1	20	11	292	196	-3	2.1	0.87	447.314	9.398	2869.205	2739.47	2.73947	1
1	20	12	210	229	-3	2	0.87	426.08	9.03	2719.006	2594.593	2.594593	1
1	20	13	266	217	-3	2	0.87	463.534	10.096	2957.252	2824.397	2.824397	1
1	20	14	264	186	-3	1.9	0.87	406.221	8.729	2611.623	2491.015	2.491015	1
1	20	15	157	141	-4	1.7	0.87	250.896	3.562	1632.014	1546.117	1.546117	1

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
1	20	16	152	75	-5	1.5	0.87	152.86	-0.219	968.598	906.209	0.906209	1
1	20	17	0	17	-6	1.3	0.87	16.487	-5.532	65.648	35.254	0.035254	1
1	20	18	0	0	-7	1.3	0.87	0	-7	0	0	0	1
1	20	19	0	0	-7	1.3	0.87	0	-7	0	0	0	1
1	20	20	0	0	-9	1.2	0.87	0	-9	0	0	0	1
1	20	21	0	0	-10	1.1	0.87	0	-10	0	0	0	1
1	20	22	0	0	-11	1	0.87	0	-11	0	0	0	1
1	20	23	0	0	-12	1	0.87	0	-12	0	0	0	1
1	21	0	0	0	-12	1.1	0.87	0	-12	0	0	0	1
1	21	1	0	0	-13	1.1	0.87	0	-13	0	0	0	1
1	21	2	0	0	-14	1.1	0.87	0	-14	0	0	0	1
1	21	3	0	0	-14	1.2	0.87	0	-14	0	0	0	1
1	21	4	0	0	-14	1.2	0.87	0	-14	0	0	0	1
1	21	5	0	0	-14	1.1	0.87	0	-14	0	0	0	1
1	21	6	0	0	-14	1.1	0.87	0	-14	0	0	0	1
1	21	7	0	0	-14	1.1	0.87	0	-14	0	0	0	1
1	21	8	450	33	-13	1.2	0.87	171.799	-7.525	947.061	885.435	0.885435	1
1	21	9	743	65	-11	1.3	0.87	438.241	3.451	2879.05	2748.966	2.748966	1
1	21	10	860	86	-9	1.4	0.87	654.049	12.139	4229.292	4051.363	4.051363	1
1	21	11	916	97	-8	1.4	0.87	803.647	17.935	5056.993	4849.735	4.849735	1
1	21	12	943	99	-6	1.4	0.87	874.557	22.203	5397.964	5178.624	5.178624	1
1	21	13	939	97	-6	1.4	0.87	858.546	21.691	5313.903	5097.542	5.097542	1
1	21	14	906	90	-6	1.2	0.87	758.401	19.671	4753.558	4557.053	4.557053	1
1	21	15	824	78	-6	1.1	0.87	579.009	14.112	3723.558	3563.55	3.56355	1
1	21	16	651	57	-8	0.9	0.87	341.049	4.316	2158.85	2054.285	2.054285	1
1	21	17	194	16	-9	0.7	0.87	53.417	-7.407	184.674	150.062	0.150062	1
1	21	18	0	0	-10	0.5	0.87	0	-10	0	0	0	1
1	21	19	0	0	-11	0.5	0.87	0	-11	0	0	0	1
1	21	20	0	0	-11	0.5	0.87	0	-11	0	0	0	1
1	21	21	0	0	-11	0.5	0.87	0	-11	0	0	0	1
1	21	22	0	0	-11	0.5	0.87	0	-11	0	0	0	1
1	21	23	0	0	-11	0.5	0.87	0	-11	0	0	0	1
1	22	0	0	0	-11	0.5	0.87	0	-11	0	0	0	1
1	22	1	0	0	-11	0.4	0.87	0	-11	0	0	0	1
1	22	2	0	0	-11	0.4	0.87	0	-11	0	0	0	1
1	22	3	0	0	-10	0.5	0.87	0	-10	0	0	0	1
1	22	4	0	0	-9	0.6	0.87	0	-9	0	0	0	1
1	22	5	0	0	-9	0.7	0.87	0	-9	0	0	0	1
1	22	6	0	0	-9	0.7	0.87	0	-9	0	0	0	1
1	22	7	0	0	-8	0.7	0.87	0	-8	0	0	0	1
1	22	8	0	32	-7	0.8	0.87	32.499	-5.817	185.695	151.047	0.151047	1
1	22	9	75	102	-6	0.9	0.87	146.068	-0.693	942.797	881.322	0.881322	1
1	22	10	57	159	-4	1	0.87	208.134	3.372	1337.718	1262.249	1.262249	1

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
1	22	11	50	198	-3	1	0.87	251.478	5.891	1598.711	1513.994	1.513994	1
1	22	12	13	187	-2	1.1	0.87	200.805	4.912	1265.475	1192.566	1.192566	1
1	22	13	22	194	-2	1.2	0.87	215.77	5.251	1362.865	1286.505	1.286505	1
1	22	14	111	198	-2	1.2	0.87	303.801	8.237	1933.759	1837.17	1.83717	1
1	22	15	173	144	-2	1.1	0.87	264.154	7.144	1698.756	1610.494	1.610494	1
1	22	16	115	79	-2	0.9	0.87	137.642	2.982	861.997	803.385	0.803385	1
1	22	17	0	9	-3	0.7	0.87	8.729	-2.711	33.415	4.163	0.004163	1
1	22	18	0	0	-3	0.7	0.87	0	-3	0	0	0	1
1	22	19	0	0	-4	0.7	0.87	0	-4	0	0	0	1
1	22	20	0	0	-4	0.7	0.87	0	-4	0	0	0	1
1	22	21	0	0	-4	0.6	0.87	0	-4	0	0	0	1
1	22	22	0	0	-4	0.6	0.87	0	-4	0	0	0	1
1	22	23	0	0	-4	0.5	0.87	0	-4	0	0	0	1
1	23	0	0	0	-4	0.4	0.87	0	-4	0	0	0	1
1	23	1	0	0	-4	0.4	0.87	0	-4	0	0	0	1
1	23	2	0	0	-4	0.4	0.87	0	-4	0	0	0	1
1	23	3	0	0	-4	0.4	0.87	0	-4	0	0	0	1
1	23	4	0	0	-4	0.4	0.87	0	-4	0	0	0	1
1	23	5	0	0	-4	0.3	0.87	0	-4	0	0	0	1
1	23	6	0	0	-4	0.3	0.87	0	-4	0	0	0	1
1	23	7	0	0	-4	0.4	0.87	0	-4	0	0	0	1
1	23	8	204	46	-3	0.3	0.87	120.194	1.969	662.932	611.373	0.611373	1
1	23	9	0	61	-1	0.4	0.87	59.633	1.488	368.748	327.613	0.327613	1
1	23	10	0	113	0	0.5	0.87	112.856	4.571	704.462	651.432	0.651432	1
1	23	11	0	142	1	0.6	0.87	142.271	6.59	882.791	823.442	0.823442	1
1	23	12	28	205	1	0.6	0.87	232.639	10.141	1445.417	1366.132	1.366132	1
1	23	13	20	194	2	0.7	0.87	214.078	10.181	1326.762	1251.681	1.251681	1
1	23	14	19	171	2	0.7	0.87	188.348	9.205	1172.176	1102.573	1.102573	1
1	23	15	68	144	1	0.6	0.87	195.707	8.72	1234.369	1162.562	1.162562	1
1	23	16	499	76	0	0.5	0.87	301.771	12.181	1861.019	1767.007	1.767007	1
1	23	17	107	19	0	0.4	0.87	47.028	1.595	167.89	133.873	0.133873	1
1	23	18	0	0	-1	0.6	0.87	0	-1	0	0	0	1
1	23	19	0	0	-1	0.8	0.87	0	-1	0	0	0	1
1	23	20	0	0	-2	0.9	0.87	0	-2	0	0	0	1
1	23	21	0	0	-3	0.9	0.87	0	-3	0	0	0	1
1	23	22	0	0	-4	1	0.87	0	-4	0	0	0	1
1	23	23	0	0	-6	1.1	0.87	0	-6	0	0	0	1
1	24	0	0	0	-7	1.1	0.87	0	-7	0	0	0	1
1	24	1	0	0	-8	1.1	0.87	0	-8	0	0	0	1
1	24	2	0	0	-9	1	0.87	0	-9	0	0	0	1
1	24	3	0	0	-10	1	0.87	0	-10	0	0	0	1
1	24	4	0	0	-11	1	0.87	0	-11	0	0	0	1
1	24	5	0	0	-12	1	0.87	0	-12	0	0	0	1

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
1	24	6	0	0	-13	1	0.87	0	-13	0	0	0	1
1	24	7	0	0	-13	0.9	0.87	0	-13	0	0	0	1
1	24	8	496	33	-11	0.9	0.87	181.796	-4.724	1008.225	944.432	0.944432	1
1	24	9	779	62	-9	1	0.87	451.782	7.038	2937.03	2804.892	2.804892	1
1	24	10	896	79	-8	0.9	0.87	673.479	16.6	4285.56	4105.638	4.105638	1
1	24	11	951	88	-6	0.8	0.87	825.095	24.896	5058.331	4851.027	4.851027	1
1	24	12	972	91	-5	0.6	0.87	895.164	30.385	5354.468	5136.67	5.13667	1
1	24	13	970	90	-4	0.5	0.87	882.314	31.896	5251.333	5037.189	5.037189	1
1	24	14	939	84	-4	0.6	0.87	782.851	26.984	4772.294	4575.125	4.575125	1
1	24	15	870	72	-4	0.8	0.87	606.637	18.762	3836.812	3672.79	3.67279	1
1	24	16	725	52	-6	0.9	0.87	368.803	7.336	2324.379	2213.949	2.213949	1
1	24	17	328	18	-8	0.9	0.87	90.53	-5.439	317.026	277.724	0.277724	1
1	24	18	0	0	-9	0.8	0.87	0	-9	0	0	0	1
1	24	19	0	0	-10	0.6	0.87	0	-10	0	0	0	1
1	24	20	0	0	-10	0.5	0.87	0	-10	0	0	0	1
1	24	21	0	0	-11	0.3	0.87	0	-11	0	0	0	1
1	24	22	0	0	-11	0.3	0.87	0	-11	0	0	0	1
1	24	23	0	0	-11	0.4	0.87	0	-11	0	0	0	1
1	25	0	0	0	-12	0.7	0.87	0	-12	0	0	0	1
1	25	1	0	0	-12	0.8	0.87	0	-12	0	0	0	1
1	25	2	0	0	-12	0.7	0.87	0	-12	0	0	0	1
1	25	3	0	0	-12	0.6	0.87	0	-12	0	0	0	1
1	25	4	0	0	-12	0.4	0.87	0	-12	0	0	0	1
1	25	5	0	0	-12	0.4	0.87	0	-12	0	0	0	1
1	25	6	0	0	-12	0.4	0.87	0	-12	0	0	0	1
1	25	7	0	0	-11	0.3	0.87	0	-11	0	0	0	1
1	25	8	20	35	-10	0.3	0.87	43.154	-8.187	251.839	214.847	0.214847	1
1	25	9	51	103	-8	0.4	0.87	135.422	-2.343	877.184	818.034	0.818034	1
1	25	10	189	168	-5	0.6	0.87	310.616	7.263	1999.491	1900.574	1.900574	1
1	25	11	807	131	-3	0.9	0.87	772.985	25.173	4725.457	4529.947	4.529947	1
1	25	12	627	143	-3	1.2	0.87	686.542	20.182	4258.255	4079.3	4.0793	1
1	25	13	69	227	-3	1.3	0.87	301.219	6.89	1911.698	1815.891	1.815891	1
1	25	14	255	197	-4	1.4	0.87	415.578	9.374	2661.602	2539.223	2.539223	1
1	25	15	179	149	-4	1.4	0.87	274.375	4.841	1780.19	1689.043	1.689043	1
1	25	16	334	109	-5	1.2	0.87	271.556	4.121	1729.152	1639.813	1.639813	1
1	25	17	0	22	-5	1.1	0.87	22.621	-4.329	89.987	58.731	0.058731	1
1	25	18	0	0	-5	1.1	0.87	0	-5	0	0	0	1
1	25	19	0	0	-5	1.2	0.87	0	-5	0	0	0	1
1	25	20	0	0	-5	1.3	0.87	0	-5	0	0	0	1
1	25	21	0	0	-5	1.4	0.87	0	-5	0	0	0	1
1	25	22	0	0	-5	1.4	0.87	0	-5	0	0	0	1
1	25	23	0	0	-6	1.4	0.87	0	-6	0	0	0	1
1	26	0	0	0	-7	1.3	0.87	0	-7	0	0	0	1

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
1	26	1	0	0	-8	1.2	0.87	0	-8	0	0	0	1
1	26	2	0	0	-9	1.1	0.87	0	-9	0	0	0	1
1	26	3	0	0	-10	1.1	0.87	0	-10	0	0	0	1
1	26	4	0	0	-11	1.1	0.87	0	-11	0	0	0	1
1	26	5	0	0	-12	1.1	0.87	0	-12	0	0	0	1
1	26	6	0	0	-12	1.1	0.87	0	-12	0	0	0	1
1	26	7	0	0	-12	1.1	0.87	0	-12	0	0	0	1
1	26	8	476	36	-10	1.2	0.87	183.834	-4.082	1034.068	969.359	0.969359	1
1	26	9	764	66	-8	1.5	0.87	451.14	6.216	2944.06	2811.672	2.811672	1
1	26	10	884	83	-6	1.6	0.87	673.697	14.811	4312.195	4131.329	4.131329	1
1	26	11	938	94	-5	1.6	0.87	826.611	20.495	5146.755	4936.317	4.936317	1
1	26	12	957	100	-5	1.7	0.87	898.698	22.098	5539.905	5315.536	5.315536	1
1	26	13	951	100	-5	1.7	0.87	884.41	21.671	5464.527	5242.829	5.242829	1
1	26	14	920	93	-5	1.6	0.87	785.055	19.223	4920.607	4718.183	4.718183	1
1	26	15	854	79	-5	1.5	0.87	610.129	14.281	3919.445	3752.496	3.752496	1
1	26	16	711	57	-7	1.2	0.87	372.335	5.501	2371.03	2258.947	2.258947	1
1	26	17	331	20	-9	1	0.87	95.556	-6.346	340.498	300.364	0.300364	1
1	26	18	0	0	-10	0.9	0.87	0	-10	0	0	0	1
1	26	19	0	0	-11	0.9	0.87	0	-11	0	0	0	1
1	26	20	0	0	-12	0.8	0.87	0	-12	0	0	0	1
1	26	21	0	0	-13	0.8	0.87	0	-13	0	0	0	1
1	26	22	0	0	-13	0.8	0.87	0	-13	0	0	0	1
1	26	23	0	0	-14	0.8	0.87	0	-14	0	0	0	1
1	27	0	0	0	-14	0.9	0.87	0	-14	0	0	0	1
1	27	1	0	0	-14	0.9	0.87	0	-14	0	0	0	1
1	27	2	0	0	-15	0.9	0.87	0	-15	0	0	0	1
1	27	3	0	0	-15	0.8	0.87	0	-15	0	0	0	1
1	27	4	0	0	-15	0.8	0.87	0	-15	0	0	0	1
1	27	5	0	0	-16	0.8	0.87	0	-16	0	0	0	1
1	27	6	0	0	-16	0.8	0.87	0	-16	0	0	0	1
1	27	7	0	0	-15	0.8	0.87	0	-15	0	0	0	1
1	27	8	503	36	-13	0.8	0.87	191.897	-6.154	1092.956	1026.16	1.02616	1
1	27	9	786	66	-11	0.8	0.87	462.921	6.32	3022.614	2887.443	2.887443	1
1	27	10	905	83	-9	0.8	0.87	688.907	16.831	4376.923	4193.763	4.193763	1
1	27	11	963	91	-8	0.8	0.87	844.126	23.602	5194.475	4982.347	4.982347	1
1	27	12	987	94	-7	0.8	0.87	918.326	27.352	5549.584	5324.872	5.324872	1
1	27	13	987	91	-6	0.8	0.87	905.191	27.866	5464.263	5242.574	5.242574	1
1	27	14	960	84	-6	0.9	0.87	806.316	23.414	4976.33	4771.931	4.771931	1
1	27	15	895	73	-6	0.8	0.87	630.398	17.65	4001.849	3831.98	3.83198	1
1	27	16	756	54	-8	0.7	0.87	390.306	6.91	2478.784	2362.882	2.362882	1
1	27	17	376	21	-11	0.5	0.87	107.33	-7.587	385.614	343.882	0.343882	1
1	27	18	0	0	-12	0.5	0.87	0	-12	0	0	0	1
1	27	19	0	0	-13	0.6	0.87	0	-13	0	0	0	1

Month	Day	Hour	Beam Irradiance (W/m ²)	Diffuse Irradiance (W/m ²)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m ²)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
1	27	20	0	0	-14	0.7	0.87	0	-14	0	0	0	1
1	27	21	0	0	-14	0.8	0.87	0	-14	0	0	0	1
1	27	22	0	0	-15	0.9	0.87	0	-15	0	0	0	1
1	27	23	0	0	-15	0.9	0.87	0	-15	0	0	0	1
1	28	0	0	0	-15	0.8	0.87	0	-15	0	0	0	1
1	28	1	0	0	-15	0.6	0.87	0	-15	0	0	0	1
1	28	2	0	0	-15	0.5	0.87	0	-15	0	0	0	1
1	28	3	0	0	-15	0.4	0.87	0	-15	0	0	0	1
1	28	4	0	0	-15	0.5	0.87	0	-15	0	0	0	1
1	28	5	0	0	-15	0.6	0.87	0	-15	0	0	0	1
1	28	6	0	0	-15	0.5	0.87	0	-15	0	0	0	1
1	28	7	0	0	-14	0.5	0.87	0	-14	0	0	0	1
1	28	8	197	38	-13	0.5	0.87	108.594	-8.743	634.849	584.286	0.584286	1
1	28	9	632	57	-10	0.6	0.87	382.537	5.122	2502.737	2385.987	2.385987	1
1	28	10	474	131	-8	0.8	0.87	468.174	9.529	3031.053	2895.582	2.895582	1
1	28	11	312	205	-7	0.9	0.87	476.495	10.326	3043.584	2907.67	2.90767	1
1	28	12	834	85	-5	1	0.87	786.87	22.937	4840.397	4640.815	4.640815	1
1	28	13	832	84	-4	1	0.87	776.139	23.56	4766.476	4569.513	4.569513	1
1	28	14	708	100	-3	1	0.87	647.991	20.026	4044.482	3873.102	3.873102	1
1	28	15	868	78	-3	0.9	0.87	622.518	19.744	3919.557	3752.603	3.752603	1
1	28	16	723	58	-5	0.6	0.87	382.651	10.037	2406.384	2293.048	2.293048	1
1	28	17	344	23	-7	0.4	0.87	105.875	-3.501	380.082	338.546	0.338546	1
1	28	18	0	0	-8	0.5	0.87	0	-8	0	0	0	1
1	28	19	0	0	-9	0.6	0.87	0	-9	0	0	0	1
1	28	20	0	0	-9	0.7	0.87	0	-9	0	0	0	1
1	28	21	0	0	-9	0.8	0.87	0	-9	0	0	0	1
1	28	22	0	0	-8	0.9	0.87	0	-8	0	0	0	1
1	28	23	0	0	-8	0.9	0.87	0	-8	0	0	0	1
1	29	0	0	0	-8	1	0.87	0	-8	0	0	0	1
1	29	1	0	0	-8	0.9	0.87	0	-8	0	0	0	1
1	29	2	0	0	-8	0.9	0.87	0	-8	0	0	0	1
1	29	3	0	0	-8	1	0.87	0	-8	0	0	0	1
1	29	4	0	0	-8	1.1	0.87	0	-8	0	0	0	1
1	29	5	0	0	-8	1	0.87	0	-8	0	0	0	1
1	29	6	0	0	-9	1	0.87	0	-9	0	0	0	1
1	29	7	0	0	-8	1.1	0.87	0	-8	0	0	0	1
1	29	8	83	40	-7	1.3	0.87	70.061	-4.755	407.856	365.336	0.365336	1
1	29	9	657	78	-5	1.4	0.87	419.622	8.531	2715.792	2591.492	2.591492	1
1	29	10	0	115	-3	1.3	0.87	114.49	0.761	724.571	670.829	0.670829	1
1	29	11	10	177	-1	1.2	0.87	187.217	5.29	1176.982	1107.209	1.107209	1
1	29	12	9	188	0	1.1	0.87	197.822	6.805	1234.489	1162.678	1.162678	1
1	29	13	148	245	0	1	0.87	396.206	14.008	2469.427	2353.857	2.353857	1
1	29	14	0	101	-1	0.9	0.87	98.954	2.584	615.855	565.965	0.565965	1

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
1	29	15	81	156	-1	0.8	0.87	217.207	7.109	1381.605	1304.581	1.304581	1
1	29	16	322	78	-1	0.8	0.87	237.092	7.826	1491.526	1410.608	1.410608	1
1	29	17	60	24	-1	0.8	0.87	43.307	0.347	162.745	128.91	0.12891	1
1	29	18	0	0	-2	0.7	0.87	0	-2	0	0	0	1
1	29	19	0	0	-2	0.7	0.87	0	-2	0	0	0	1
1	29	20	0	0	-2	0.7	0.87	0	-2	0	0	0	1
1	29	21	0	0	-2	0.8	0.87	0	-2	0	0	0	1
1	29	22	0	0	-2	0.9	0.87	0	-2	0	0	0	1
1	29	23	0	0	-1	0.9	0.87	0	-1	0	0	0	1
1	30	0	0	0	-1	0.8	0.87	0	-1	0	0	0	1
1	30	1	0	0	-1	0.7	0.87	0	-1	0	0	0	1
1	30	2	0	0	-1	0.6	0.87	0	-1	0	0	0	1
1	30	3	0	0	-1	0.5	0.87	0	-1	0	0	0	1
1	30	4	0	0	-2	0.4	0.87	0	-2	0	0	0	1
1	30	5	0	0	-2	0.4	0.87	0	-2	0	0	0	1
1	30	6	0	0	-3	0.4	0.87	0	-3	0	0	0	1
1	30	7	0	0	-2	0.5	0.87	0	-2	0	0	0	1
1	30	8	0	6	-1	0.7	0.87	5.794	-0.781	31.3	2.123	0.002123	1
1	30	9	0	59	0	0.9	0.87	57.254	2.079	352.974	312.398	0.312398	1
1	30	10	20	156	0	1.1	0.87	172.193	5.94	1085.103	1018.585	1.018585	1
1	30	11	76	219	0	1.2	0.87	294.91	9.921	1853.242	1759.506	1.759506	1
1	30	12	270	241	0	1.4	0.87	502.869	16.155	3129.936	2990.962	2.990962	1
1	30	13	258	239	0	1.4	0.87	488.399	15.691	3044.712	2908.758	2.908758	1
1	30	14	29	190	0	1.3	0.87	224.879	7.384	1414.755	1336.557	1.336557	1
1	30	15	196	158	0	1.1	0.87	296.597	10.265	1889.021	1794.018	1.794018	1
1	30	16	9	85	-1	0.9	0.87	90.597	2.287	565.929	517.808	0.517808	1
1	30	17	0	14	-2	0.8	0.87	13.545	-1.566	52.16	22.244	0.022244	1
1	30	18	0	0	-3	0.8	0.87	0	-3	0	0	0	1
1	30	19	0	0	-4	0.9	0.87	0	-4	0	0	0	1
1	30	20	0	0	-4	0.9	0.87	0	-4	0	0	0	1
1	30	21	0	0	-4	1	0.87	0	-4	0	0	0	1
1	30	22	0	0	-4	1.1	0.87	0	-4	0	0	0	1
1	30	23	0	0	-4	1.2	0.87	0	-4	0	0	0	1
1	31	0	0	0	-4	1.2	0.87	0	-4	0	0	0	1
1	31	1	0	0	-4	1.2	0.87	0	-4	0	0	0	1
1	31	2	0	0	-4	1.2	0.87	0	-4	0	0	0	1
1	31	3	0	0	-4	1.2	0.87	0	-4	0	0	0	1
1	31	4	0	0	-4	1.2	0.87	0	-4	0	0	0	1
1	31	5	0	0	-5	1.2	0.87	0	-5	0	0	0	1
1	31	6	0	0	-5	1.1	0.87	0	-5	0	0	0	1
1	31	7	0	0	-4	1.1	0.87	0	-4	0	0	0	1
1	31	8	0	17	-3	1.2	0.87	16.442	-2.453	93.85	62.457	0.062457	1
1	31	9	32	108	-2	1.3	0.87	131.152	2.316	834.275	776.645	0.776645	1

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
1	31	10	117	179	-1	1.4	0.87	277.769	7.935	1771.176	1680.348	1.680348	1
1	31	11	203	227	0	1.5	0.87	411.06	12.912	2584.876	2465.216	2.465216	1
1	31	12	290	240	0	1.6	0.87	518.473	15.924	3231.543	3088.969	3.088969	1
1	31	13	912	113	0	1.7	0.87	881.687	26.575	5339.076	5121.823	5.121823	1
1	31	14	904	97	0	1.6	0.87	791.674	24.416	4859.712	4659.445	4.659445	1
1	31	15	844	81	0	1.5	0.87	619.062	19.557	3897.062	3730.906	3.730906	1
1	31	16	695	61	-1	1.2	0.87	382.811	11.88	2402.343	2289.15	2.28915	1
1	31	17	333	26	-3	1	0.87	110.902	0.308	441.244	397.541	0.397541	1
1	31	18	0	0	-4	1	0.87	0	-4	0	0	0	1
1	31	19	0	0	-1	1.5	0.87	0	-1	0	0	0	1
1	31	20	0	0	-2	1.8	0.87	0	-2	0	0	0	1
1	31	21	0	0	-3	2	0.87	0	-3	0	0	0	1
1	31	22	0	0	-5	2.1	0.87	0	-5	0	0	0	1
1	31	23	0	0	-6	2.2	0.87	0	-6	0	0	0	1
2	1	0	0	0	-7	2.2	0.87	0	-7	0	0	0	2
2	1	1	0	0	-8	2.3	0.87	0	-8	0	0	0	2
2	1	2	0	0	-9	2.3	0.87	0	-9	0	0	0	2
2	1	3	0	0	-9	2.2	0.87	0	-9	0	0	0	2
2	1	4	0	0	-10	2.1	0.87	0	-10	0	0	0	2
2	1	5	0	0	-10	1.9	0.87	0	-10	0	0	0	2
2	1	6	0	0	-11	1.8	0.87	0	-11	0	0	0	2
2	1	7	0	0	-11	1.6	0.87	0	-11	0	0	0	2
2	1	8	526	40	-11	1.4	0.87	205.903	-4.622	1196.398	1125.937	1.125937	2
2	1	9	781	70	-10	1.3	0.87	471.97	5.588	3098.745	2960.877	2.960877	2
2	1	10	887	90	-9	1.3	0.87	694.945	13.977	4454.303	4268.401	4.268401	2
2	1	11	946	100	-8	1.3	0.87	853.645	20.177	5309.743	5093.529	5.093529	2
2	1	12	971	103	-7	1.3	0.87	929.466	23.655	5683.697	5454.233	5.454233	2
2	1	13	959	105	-6	1.2	0.87	913.399	24.855	5564.374	5339.138	5.339138	2
2	1	14	935	95	-6	1.2	0.87	815.051	21.564	5054.325	4847.162	4.847162	2
2	1	15	867	83	-6	1.2	0.87	637.856	15.61	4072.865	3900.48	3.90048	2
2	1	16	702	66	-7	1	0.87	393.351	6.911	2517.635	2400.358	2.400358	2
2	1	17	341	29	-8	0.6	0.87	117.041	-3.974	511.676	465.477	0.465477	2
2	1	18	0	0	-9	0.4	0.87	0	-9	0	0	0	2
2	1	19	0	0	-9	0.4	0.87	0	-9	0	0	0	2
2	1	20	0	0	-10	0.4	0.87	0	-10	0	0	0	2
2	1	21	0	0	-10	0.4	0.87	0	-10	0	0	0	2
2	1	22	0	0	-10	0.4	0.87	0	-10	0	0	0	2
2	1	23	0	0	-10	0.4	0.87	0	-10	0	0	0	2
2	2	0	0	0	-10	0.5	0.87	0	-10	0	0	0	2
2	2	1	0	0	-10	0.6	0.87	0	-10	0	0	0	2
2	2	2	0	0	-9	0.6	0.87	0	-9	0	0	0	2
2	2	3	0	0	-8	0.7	0.87	0	-8	0	0	0	2
2	2	4	0	0	-8	0.7	0.87	0	-8	0	0	0	2

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
2	2	5	0	0	-7	0.7	0.87	0	-7	0	0	0	2
2	2	6	0	0	-7	0.8	0.87	0	-7	0	0	0	2
2	2	7	0	0	-6	1	0.87	0	-6	0	0	0	2
2	2	8	0	36	-5	1.2	0.87	35.639	-3.813	212.2	176.613	0.176613	2
2	2	9	96	118	-4	1.3	0.87	180.096	1.932	1162.329	1093.075	1.093075	2
2	2	10	16	158	-3	1.4	0.87	171.352	2.501	1092.233	1025.463	1.025463	2
2	2	11	281	224	-2	1.5	0.87	478.046	13.023	3016.103	2881.162	2.881162	2
2	2	12	452	211	0	1.4	0.87	629.595	20.245	3879.416	3713.885	3.713885	2
2	2	13	326	237	0	1.3	0.87	542.763	17.853	3363.069	3215.834	3.215834	2
2	2	14	230	219	0	1.2	0.87	417.332	14.066	2618.681	2497.822	2.497822	2
2	2	15	26	152	0	1	0.87	171.385	6.065	1081.337	1014.953	1.014953	2
2	2	16	0	79	0	0.8	0.87	79.343	2.956	492.61	447.087	0.447087	2
2	2	17	0	17	0	0.6	0.87	16.453	0.608	78.682	47.826	0.047826	2
2	2	18	0	0	0	0.5	0.87	0	0	0	0	0	2
2	2	19	0	0	-1	0.4	0.87	0	-1	0	0	0	2
2	2	20	0	0	-1	0.6	0.87	0	-1	0	0	0	2
2	2	21	0	0	-1	0.7	0.87	0	-1	0	0	0	2
2	2	22	0	0	-1	0.7	0.87	0	-1	0	0	0	2
2	2	23	0	0	-1	0.7	0.87	0	-1	0	0	0	2
2	3	0	0	0	-2	0.7	0.87	0	-2	0	0	0	2
2	3	1	0	0	-2	0.8	0.87	0	-2	0	0	0	2
2	3	2	0	0	-3	0.8	0.87	0	-3	0	0	0	2
2	3	3	0	0	-3	0.9	0.87	0	-3	0	0	0	2
2	3	4	0	0	-4	0.8	0.87	0	-4	0	0	0	2
2	3	5	0	0	-4	0.7	0.87	0	-4	0	0	0	2
2	3	6	0	0	-5	0.7	0.87	0	-5	0	0	0	2
2	3	7	0	0	-5	0.9	0.87	0	-5	0	0	0	2
2	3	8	0	25	-4	1.2	0.87	24.203	-3.193	141.948	108.85	0.10885	2
2	3	9	0	53	-3	1.4	0.87	51.374	-1.35	319.853	280.451	0.280451	2
2	3	10	0	85	-2	1.4	0.87	82.824	0.657	517.931	471.51	0.47151	2
2	3	11	124	249	-2	1.4	0.87	377.313	10.111	2383.026	2270.518	2.270518	2
2	3	12	134	263	-2	1.5	0.87	407.818	10.785	2565.559	2446.583	2.446583	2
2	3	13	10	193	-2	1.5	0.87	203.527	4.369	1281.392	1207.919	1.207919	2
2	3	14	0	151	-2	1.6	0.87	151.203	2.631	952.671	890.846	0.890846	2
2	3	15	0	124	-2	1.5	0.87	124.326	1.901	786.259	730.33	0.73033	2
2	3	16	0	54	-2	1.2	0.87	52.364	-0.237	324.24	284.683	0.284683	2
2	3	17	192	38	-3	1	0.87	96.697	0.156	473.016	428.187	0.428187	2
2	3	18	0	0	-4	0.9	0.87	0	-4	0	0	0	2
2	3	19	0	0	-4	0.8	0.87	0	-4	0	0	0	2
2	3	20	0	0	-5	0.6	0.87	0	-5	0	0	0	2
2	3	21	0	0	-6	0.6	0.87	0	-6	0	0	0	2
2	3	22	0	0	-6	0.6	0.87	0	-6	0	0	0	2
2	3	23	0	0	-6	0.7	0.87	0	-6	0	0	0	2

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
2	4	0	0	0	-6	0.6	0.87	0	-6	0	0	0	2
2	4	1	0	0	-7	0.5	0.87	0	-7	0	0	0	2
2	4	2	0	0	-7	0.5	0.87	0	-7	0	0	0	2
2	4	3	0	0	-7	0.5	0.87	0	-7	0	0	0	2
2	4	4	0	0	-6	0.5	0.87	0	-6	0	0	0	2
2	4	5	0	0	-6	0.6	0.87	0	-6	0	0	0	2
2	4	6	0	0	-6	0.7	0.87	0	-6	0	0	0	2
2	4	7	0	0	-5	0.8	0.87	0	-5	0	0	0	2
2	4	8	13	47	-4	1	0.87	54.15	-2.106	324.737	285.162	0.285162	2
2	4	9	90	122	-2	1.2	0.87	181.739	4.131	1163.9	1094.59	1.09459	2
2	4	10	30	170	-1	1.3	0.87	201.326	5.617	1275.731	1202.459	1.202459	2
2	4	11	0	141	0	1.4	0.87	140.172	4.489	873.33	814.317	0.814317	2
2	4	12	30	228	0	1.2	0.87	269.255	9.039	1680.556	1592.939	1.592939	2
2	4	13	119	260	1	1	0.87	390.989	14.811	2421.042	2307.187	2.307187	2
2	4	14	0	86	2	0.9	0.87	83.506	5.023	510.725	464.56	0.46456	2
2	4	15	0	77	1	0.9	0.87	74.81	3.714	461.405	416.988	0.416988	2
2	4	16	0	52	0	0.9	0.87	50.41	1.829	309.221	270.196	0.270196	2
2	4	17	0	11	0	0.7	0.87	10.632	0.391	53.427	23.466	0.023466	2
2	4	18	0	0	0	0.6	0.87	0	0	0	0	0	2
2	4	19	0	0	0	0.7	0.87	0	0	0	0	0	2
2	4	20	0	0	0	0.7	0.87	0	0	0	0	0	2
2	4	21	0	0	0	0.6	0.87	0	0	0	0	0	2
2	4	22	0	0	0	0.4	0.87	0	0	0	0	0	2
2	4	23	0	0	0	0.3	0.87	0	0	0	0	0	2
2	5	0	0	0	0	0.3	0.87	0	0	0	0	0	2
2	5	1	0	0	0	0.3	0.87	0	0	0	0	0	2
2	5	2	0	0	0	0.5	0.87	0	0	0	0	0	2
2	5	3	0	0	0	0.6	0.87	0	0	0	0	0	2
2	5	4	0	0	-1	0.7	0.87	0	-1	0	0	0	2
2	5	5	0	0	-1	0.6	0.87	0	-1	0	0	0	2
2	5	6	0	0	-2	0.6	0.87	0	-2	0	0	0	2
2	5	7	0	0	-1	0.5	0.87	0	-1	0	0	0	2
2	5	8	420	50	0	0.5	0.87	188.223	7.411	1069.743	1003.77	1.00377	2
2	5	9	217	119	0	0.6	0.87	247.445	9.773	1572.238	1488.459	1.488459	2
2	5	10	79	187	1	0.7	0.87	253.683	10.72	1591.93	1507.453	1.507453	2
2	5	11	217	239	2	0.8	0.87	437.329	18.302	2695.067	2571.502	2.571502	2
2	5	12	121	266	3	0.8	0.87	400.659	17.906	2451.716	2336.774	2.336774	2
2	5	13	159	264	4	0.9	0.87	428.628	19.54	2615.166	2494.432	2.494432	2
2	5	14	10	180	4	0.8	0.87	189.808	11.058	1167.437	1098.002	1.098002	2
2	5	15	14	150	3	0.6	0.87	161.213	9.346	1000.765	937.235	0.937235	2
2	5	16	127	105	1	0.5	0.87	174.834	8.088	1096.185	1029.275	1.029275	2
2	5	17	34	33	0	0.5	0.87	46.915	1.82	247.32	210.489	0.210489	2
2	5	18	0	0	-1	0.5	0.87	0	-1	0	0	0	2

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
2	5	19	0	0	-1	0.5	0.87	0	-1	0	0	0	2
2	5	20	0	0	-1	0.5	0.87	0	-1	0	0	0	2
2	5	21	0	0	-1	0.5	0.87	0	-1	0	0	0	2
2	5	22	0	0	-1	0.5	0.87	0	-1	0	0	0	2
2	5	23	0	0	-1	0.5	0.87	0	-1	0	0	0	2
2	6	0	0	0	-1	0.6	0.87	0	-1	0	0	0	2
2	6	1	0	0	-1	0.5	0.87	0	-1	0	0	0	2
2	6	2	0	0	-1	0.4	0.87	0	-1	0	0	0	2
2	6	3	0	0	-1	0.4	0.87	0	-1	0	0	0	2
2	6	4	0	0	-1	0.5	0.87	0	-1	0	0	0	2
2	6	5	0	0	-1	0.5	0.87	0	-1	0	0	0	2
2	6	6	0	0	-1	0.6	0.87	0	-1	0	0	0	2
2	6	7	0	0	0	0.7	0.87	0	0	0	0	0	2
2	6	8	389	56	0	0.7	0.87	187.239	6.984	1074.306	1008.171	1.008171	2
2	6	9	0	91	1	0.6	0.87	90.725	4.573	563.626	515.587	0.515587	2
2	6	10	0	138	2	0.4	0.87	138.335	7.765	856.202	797.796	0.797796	2
2	6	11	58	229	3	0.2	0.87	291.788	15.929	1786.607	1695.233	1.695233	2
2	6	12	98	265	4	0.2	0.87	369.197	20.353	2231.845	2124.694	2.124694	2
2	6	13	132	265	5	0.2	0.87	407.657	23.067	2448.662	2333.829	2.333829	2
2	6	14	111	232	5	0.2	0.87	334.803	19.852	2034.902	1934.73	1.93473	2
2	6	15	159	177	4	0.2	0.87	297.908	17.251	1841.978	1748.642	1.748642	2
2	6	16	443	118	1	0.6	0.87	342.215	14.488	2136.288	2032.523	2.032523	2
2	6	17	144	45	0	0.7	0.87	92.216	3.361	486.479	441.173	0.441173	2
2	6	18	0	0	-1	0.5	0.87	0	-1	0	0	0	2
2	6	19	0	0	-1	0.7	0.12	0	-1	0	0	0	2
2	6	20	0	0	-1	0.9	0.12	0	-1	0	0	0	2
2	6	21	0	0	-1	0.8	0.12	0	-1	0	0	0	2
2	6	22	0	0	-1	0.7	0.12	0	-1	0	0	0	2
2	6	23	0	0	-1	0.6	0.12	0	-1	0	0	0	2
2	7	0	0	0	-1	0.6	0.12	0	-1	0	0	0	2
2	7	1	0	0	0	0.6	0.12	0	0	0	0	0	2
2	7	2	0	0	0	0.6	0.12	0	0	0	0	0	2
2	7	3	0	0	0	0.6	0.12	0	0	0	0	0	2
2	7	4	0	0	0	0.7	0.12	0	0	0	0	0	2
2	7	5	0	0	0	0.7	0.12	0	0	0	0	0	2
2	7	6	0	0	0	0.7	0.12	0	0	0	0	0	2
2	7	7	0	0	0	0.7	0.12	0	0	0	0	0	2
2	7	8	0	18	1	0.7	0.12	17.001	1.647	97.901	66.364	0.066364	2
2	7	9	42	122	3	0.8	0.12	148.249	8.542	932.153	871.055	0.871055	2
2	7	10	842	75	6	0.8	0.12	651.092	30.429	3941.807	3774.065	3.774065	2
2	7	11	894	81	8	0.8	0.12	788.405	37.533	4612.724	4421.208	4.421208	2
2	7	12	911	85	10	0.8	0.12	855.268	42.011	4896.626	4695.051	4.695051	2
2	7	13	905	85	11	0.7	0.12	843.016	43.423	4801.724	4603.512	4.603512	2

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
2	7	14	871	82	11	0.6	0.12	756.411	40.944	4371.22	4188.262	4.188262	2
2	7	15	805	75	9	0.5	0.12	595.92	33.319	3572.076	3417.435	3.417435	2
2	7	16	676	60	5	0.7	0.12	380.559	19.614	2351.126	2239.749	2.239749	2
2	7	17	372	31	2	0.7	0.12	131.948	6.747	669.569	617.775	0.617775	2
2	7	18	0	0	3	0.8	0.12	0	3	0	0	0	2
2	7	19	0	0	4	0.9	0.12	0	4	0	0	0	2
2	7	20	0	0	4	1.1	0.12	0	4	0	0	0	2
2	7	21	0	0	5	1.1	0.12	0	5	0	0	0	2
2	7	22	0	0	5	1	0.12	0	5	0	0	0	2
2	7	23	0	0	4	1	0.12	0	4	0	0	0	2
2	8	0	0	0	4	0.9	0.12	0	4	0	0	0	2
2	8	1	0	0	4	0.8	0.12	0	4	0	0	0	2
2	8	2	0	0	3	0.6	0.12	0	3	0	0	0	2
2	8	3	0	0	3	0.6	0.12	0	3	0	0	0	2
2	8	4	0	0	2	0.9	0.12	0	2	0	0	0	2
2	8	5	0	0	1	1.2	0.12	0	1	0	0	0	2
2	8	6	0	0	0	1.2	0.12	0	0	0	0	0	2
2	8	7	0	0	0	1.3	0.12	0	0	0	0	0	2
2	8	8	0	6	1	1.7	0.12	5.658	1.169	31.194	2.021	0.002021	2
2	8	9	0	17	2	1.9	0.12	16.059	2.464	94.677	63.254	0.063254	2
2	8	10	0	33	2	2	0.12	31.22	2.881	187.64	152.923	0.152923	2
2	8	11	0	111	3	2	0.12	106.272	5.995	656.321	604.997	0.604997	2
2	8	12	0	91	3	2	0.12	86.336	5.431	528.651	481.851	0.481851	2
2	8	13	0	122	3	1.9	0.12	117.113	6.366	722.579	668.907	0.668907	2
2	8	14	0	145	2	1.8	0.12	141.024	6.144	880.061	820.809	0.820809	2
2	8	15	0	63	2	1.6	0.12	59.674	3.834	367.223	326.143	0.326143	2
2	8	16	0	58	1	1.2	0.12	54.978	2.855	339.903	299.791	0.299791	2
2	8	17	0	14	0	0.9	0.12	13.22	0.471	72.068	41.447	0.041447	2
2	8	18	0	0	0	0.9	0.12	0	0	0	0	0	2
2	8	19	0	0	0	0.9	0.12	0	0	0	0	0	2
2	8	20	0	0	0	0.8	0.12	0	0	0	0	0	2
2	8	21	0	0	-1	0.7	0.12	0	-1	0	0	0	2
2	8	22	0	0	-2	0.5	0.12	0	-2	0	0	0	2
2	8	23	0	0	-3	0.5	0.12	0	-3	0	0	0	2
2	9	0	0	0	-4	0.5	0.12	0	-4	0	0	0	2
2	9	1	0	0	-4	0.5	0.12	0	-4	0	0	0	2
2	9	2	0	0	-4	0.5	0.12	0	-4	0	0	0	2
2	9	3	0	0	-4	0.5	0.12	0	-4	0	0	0	2
2	9	4	0	0	-5	0.5	0.12	0	-5	0	0	0	2
2	9	5	0	0	-5	0.4	0.12	0	-5	0	0	0	2
2	9	6	0	0	-4	0.4	0.12	0	-4	0	0	0	2
2	9	7	0	0	-3	0.6	0.12	0	-3	0	0	0	2
2	9	8	562	42	-1	0.9	0.12	223.708	6.909	1290.316	1216.527	1.216527	2

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
2	9	9	793	64	0	0.8	0.12	478.755	17.972	3036.538	2900.873	2.900873	2
2	9	10	890	76	1	0.8	0.12	688.47	26.829	4224.208	4046.46	4.04646	2
2	9	11	938	84	3	0.7	0.12	831.057	34.981	4906.413	4704.491	4.704491	2
2	9	12	948	90	4	0.6	0.12	897.148	39.469	5182.587	4970.879	4.970879	2
2	9	13	937	92	5	0.5	0.12	882.827	40.92	5073.21	4865.378	4.865378	2
2	9	14	891	93	4	0.5	0.12	789.238	36.143	4643.631	4451.021	4.451021	2
2	9	15	814	86	3	0.4	0.12	618.254	28.98	3766.166	3604.647	3.604647	2
2	9	16	380	92	1	0.3	0.12	283.231	13.222	1782.616	1691.383	1.691383	2
2	9	17	40	38	0	0.4	0.12	52.659	2.141	294.767	256.255	0.256255	2
2	9	18	0	0	0	0.5	0.12	0	0	0	0	0	2
2	9	19	0	0	-1	0.6	0.12	0	-1	0	0	0	2
2	9	20	0	0	-1	0.7	0.12	0	-1	0	0	0	2
2	9	21	0	0	-1	0.7	0.12	0	-1	0	0	0	2
2	9	22	0	0	-2	0.8	0.12	0	-2	0	0	0	2
2	9	23	0	0	-2	0.8	0.12	0	-2	0	0	0	2
2	10	0	0	0	-2	0.8	0.12	0	-2	0	0	0	2
2	10	1	0	0	-2	0.7	0.12	0	-2	0	0	0	2
2	10	2	0	0	-1	0.7	0.12	0	-1	0	0	0	2
2	10	3	0	0	-1	0.7	0.12	0	-1	0	0	0	2
2	10	4	0	0	0	0.7	0.12	0	0	0	0	0	2
2	10	5	0	0	0	0.8	0.12	0	0	0	0	0	2
2	10	6	0	0	0	0.8	0.12	0	0	0	0	0	2
2	10	7	0	0	0	0.9	0.12	0	0	0	0	0	2
2	10	8	43	57	2	1	0.12	72.475	4.542	431.868	388.497	0.388497	2
2	10	9	0	70	4	1.1	0.12	66.629	6.304	409.469	366.892	0.366892	2
2	10	10	16	170	7	1.4	0.12	179.308	12.764	1106.598	1039.319	1.039319	2
2	10	11	15	200	9	1.5	0.12	209.857	15.581	1278.322	1204.958	1.204958	2
2	10	12	281	268	9	1.4	0.12	539.923	26.356	3244.299	3101.273	3.101273	2
2	10	13	76	265	9	1.4	0.12	342.801	20.001	2081.325	1979.508	1.979508	2
2	10	14	0	149	9	1.6	0.12	144.972	13.446	879.794	820.551	0.820551	2
2	10	15	9	152	8	1.5	0.12	155.885	12.9	958.612	896.576	0.896576	2
2	10	16	0	45	8	1.6	0.12	42.581	9.31	253.856	216.793	0.216793	2
2	10	17	0	17	7	1.9	0.12	16.059	7.456	86.958	55.808	0.055808	2
2	10	18	0	0	7	2	0.12	0	7	0	0	0	2
2	10	19	0	0	7	1.9	0.12	0	7	0	0	0	2
2	10	20	0	0	7	1.7	0.12	0	7	0	0	0	2
2	10	21	0	0	7	1.6	0.12	0	7	0	0	0	2
2	10	22	0	0	8	1.4	0.12	0	8	0	0	0	2
2	10	23	0	0	8	1.3	0.12	0	8	0	0	0	2
2	11	0	0	0	9	1.2	0.12	0	9	0	0	0	2
2	11	1	0	0	9	1.1	0.12	0	9	0	0	0	2
2	11	2	0	0	10	1.2	0.12	0	10	0	0	0	2
2	11	3	0	0	10	1.3	0.12	0	10	0	0	0	2

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
2	11	4	0	0	9	1.3	0.12	0	9	0	0	0	2
2	11	5	0	0	8	1.3	0.12	0	8	0	0	0	2
2	11	6	0	0	7	1.4	0.12	0	7	0	0	0	2
2	11	7	0	0	6	1.5	0.12	0	6	0	0	0	2
2	11	8	566	42	6	1.8	0.12	227.215	12.521	1292.309	1218.449	1.218449	2
2	11	9	779	63	7	2.1	0.12	474.499	20.223	2987.556	2853.627	2.853627	2
2	11	10	877	75	8	2.2	0.12	683.44	26.655	4193.68	4017.013	4.017013	2
2	11	11	921	84	8	2.2	0.12	823.173	30.431	4943.14	4739.917	4.739917	2
2	11	12	935	88	8	2.3	0.12	889.592	31.759	5293.564	5077.924	5.077924	2
2	11	13	926	90	8	2.4	0.12	876.972	30.985	5236.795	5023.166	5.023166	2
2	11	14	888	89	8	2.4	0.12	787.547	28.662	4767.216	4570.227	4.570227	2
2	11	15	822	82	7	2.3	0.12	623.361	23.697	3872.87	3707.571	3.707571	2
2	11	16	694	67	6	2	0.12	403.253	17.423	2524.263	2406.751	2.406751	2
2	11	17	397	38	4	1.7	0.12	148.125	8.244	784.783	728.907	0.728907	2
2	11	18	0	0	4	1.5	0.12	0	4	0	0	0	2
2	11	19	0	0	3	1.4	0.12	0	3	0	0	0	2
2	11	20	0	0	2	1.2	0.12	0	2	0	0	0	2
2	11	21	0	0	1	1.1	0.12	0	1	0	0	0	2
2	11	22	0	0	0	1	0.12	0	0	0	0	0	2
2	11	23	0	0	0	0.9	0.12	0	0	0	0	0	2
2	12	0	0	0	-1	0.7	0.12	0	-1	0	0	0	2
2	12	1	0	0	-2	0.6	0.12	0	-2	0	0	0	2
2	12	2	0	0	-2	0.5	0.12	0	-2	0	0	0	2
2	12	3	0	0	-3	0.5	0.12	0	-3	0	0	0	2
2	12	4	0	0	-3	0.5	0.12	0	-3	0	0	0	2
2	12	5	0	0	-3	0.5	0.12	0	-3	0	0	0	2
2	12	6	0	0	-3	0.5	0.12	0	-3	0	0	0	2
2	12	7	0	0	-1	0.6	0.12	0	-1	0	0	0	2
2	12	8	585	43	0	0.8	0.12	235.312	8.567	1363.989	1287.589	1.287589	2
2	12	9	798	64	2	0.7	0.12	487.241	20.801	3063.958	2927.322	2.927322	2
2	12	10	877	79	4	0.6	0.12	690.485	31.36	4159.523	3984.066	3.984066	2
2	12	11	919	88	6	0.5	0.12	828.937	39.743	4797.425	4599.365	4.599365	2
2	12	12	933	92	7	0.5	0.12	895.359	43.416	5085.718	4877.443	4.877443	2
2	12	13	928	90	8	0.7	0.12	881.387	41.883	5040.869	4834.183	4.834183	2
2	12	14	887	89	8	0.9	0.12	789.343	36.793	4628.509	4436.435	4.436435	2
2	12	15	604	115	7	0.7	0.12	526.589	27.286	3213.948	3071.997	3.071997	2
2	12	16	571	71	5	0.6	0.12	352.919	18.951	2192.138	2086.394	2.086394	2
2	12	17	413	38	3	0.8	0.12	152.968	8.447	815.211	758.256	0.758256	2
2	12	18	0	0	1	0.6	0.12	0	1	0	0	0	2
2	12	19	0	0	1	0.4	0.87	0	1	0	0	0	2
2	12	20	0	0	0	0.4	0.87	0	0	0	0	0	2
2	12	21	0	0	0	0.4	0.87	0	0	0	0	0	2
2	12	22	0	0	0	0.4	0.87	0	0	0	0	0	2

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
2	12	23	0	0	-1	0.5	0.87	0	-1	0	0	0	2
2	13	0	0	0	-1	0.5	0.87	0	-1	0	0	0	2
2	13	1	0	0	-1	0.6	0.87	0	-1	0	0	0	2
2	13	2	0	0	-1	0.7	0.87	0	-1	0	0	0	2
2	13	3	0	0	-1	0.7	0.87	0	-1	0	0	0	2
2	13	4	0	0	-1	0.7	0.87	0	-1	0	0	0	2
2	13	5	0	0	-1	0.7	0.87	0	-1	0	0	0	2
2	13	6	0	0	-2	0.8	0.87	0	-2	0	0	0	2
2	13	7	0	0	-1	0.8	0.87	0	-1	0	0	0	2
2	13	8	209	60	0	0.9	0.87	136.037	4.859	806.222	749.587	0.749587	2
2	13	9	0	43	0	0.9	0.87	41.656	1.512	254.27	217.193	0.217193	2
2	13	10	0	32	1	0.9	0.87	31.001	2.123	185.118	150.491	0.150491	2
2	13	11	0	54	1	0.9	0.87	52.385	2.894	316.089	276.821	0.276821	2
2	13	12	14	216	1	0.9	0.87	230.467	9.33	1424.523	1345.979	1.345979	2
2	13	13	74	272	1	0.9	0.87	355.865	13.879	2195.329	2089.472	2.089472	2
2	13	14	70	240	1	0.9	0.87	312.004	12.304	1938.718	1841.953	1.841953	2
2	13	15	345	172	1	0.9	0.87	421.421	16.343	2642.232	2520.539	2.520539	2
2	13	16	604	99	1	0.6	0.87	404.691	16.978	2526.861	2409.257	2.409257	2
2	13	17	371	46	-1	0.4	0.87	152.726	5.115	834.729	777.083	0.777083	2
2	13	18	0	0	-3	0.4	0.87	0	-3	0	0	0	2
2	13	19	0	0	-2	0.5	0.12	0	-2	0	0	0	2
2	13	20	0	0	-2	0.5	0.12	0	-2	0	0	0	2
2	13	21	0	0	-2	0.6	0.12	0	-2	0	0	0	2
2	13	22	0	0	-2	0.7	0.12	0	-2	0	0	0	2
2	13	23	0	0	-2	0.7	0.12	0	-2	0	0	0	2
2	14	0	0	0	-2	0.8	0.12	0	-2	0	0	0	2
2	14	1	0	0	-1	0.8	0.12	0	-1	0	0	0	2
2	14	2	0	0	-1	0.9	0.12	0	-1	0	0	0	2
2	14	3	0	0	-1	0.9	0.12	0	-1	0	0	0	2
2	14	4	0	0	0	1	0.12	0	0	0	0	0	2
2	14	5	0	0	0	1	0.12	0	0	0	0	0	2
2	14	6	0	0	0	1	0.12	0	0	0	0	0	2
2	14	7	0	0	0	1	0.12	0	0	0	0	0	2
2	14	8	436	57	0	1.2	0.12	206.166	6.813	1218.114	1146.884	1.146884	2
2	14	9	0	78	2	1.5	0.12	74.526	4.345	463.343	418.857	0.418857	2
2	14	10	56	204	4	1.6	0.12	251.376	11.727	1574.712	1490.846	1.490846	2
2	14	11	335	243	6	1.7	0.12	540.419	22.264	3309.317	3163.987	3.163987	2
2	14	12	894	100	7	1.8	0.12	883.572	33.075	5223.348	5010.197	5.010197	2
2	14	13	903	95	8	1.9	0.12	871.747	33.2	5155.778	4945.02	4.94502	2
2	14	14	879	90	9	1.8	0.12	789.427	32.326	4707.127	4512.266	4.512266	2
2	14	15	819	81	9	1.5	0.12	626.925	28.813	3817.243	3653.915	3.653915	2
2	14	16	689	68	7	1.1	0.12	406.931	21.103	2518.942	2401.618	2.401618	2
2	14	17	383	42	5	0.9	0.12	150.985	10.267	812.974	756.099	0.756099	2

Month	Day	Hour	Beam Irradiance (W/m ²)	Diffuse Irradiance (W/m ²)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m ²)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
2	14	18	0	0	5	1	0.12	0	5	0	0	0	2
2	14	19	0	0	4	1	0.87	0	4	0	0	0	2
2	14	20	0	0	3	0.9	0.87	0	3	0	0	0	2
2	14	21	0	0	1	0.7	0.87	0	1	0	0	0	2
2	14	22	0	0	0	0.5	0.87	0	0	0	0	0	2
2	14	23	0	0	-1	0.5	0.87	0	-1	0	0	0	2
2	15	0	0	0	-2	0.4	0.87	0	-2	0	0	0	2
2	15	1	0	0	-2	0.6	0.87	0	-2	0	0	0	2
2	15	2	0	0	-1	0.8	0.87	0	-1	0	0	0	2
2	15	3	0	0	-1	0.8	0.87	0	-1	0	0	0	2
2	15	4	0	0	-1	0.7	0.87	0	-1	0	0	0	2
2	15	5	0	0	-1	0.4	0.87	0	-1	0	0	0	2
2	15	6	0	0	-1	0.3	0.87	0	-1	0	0	0	2
2	15	7	0	0	0	0.4	0.87	0	0	0	0	0	2
2	15	8	0	35	0	0.5	0.87	33.904	1.368	202.183	166.951	0.166951	2
2	15	9	0	91	1	0.7	0.87	89.784	4.438	557.452	509.631	0.509631	2
2	15	10	208	211	2	0.8	0.87	378.094	16.107	2351.247	2239.865	2.239865	2
2	15	11	43	240	3	1	0.87	290.939	13.263	1791.725	1700.169	1.700169	2
2	15	12	166	294	4	1.2	0.87	472.46	19.871	2871.736	2741.911	2.741911	2
2	15	13	634	173	4	1.5	0.87	758.708	27.844	4540.886	4351.917	4.351917	2
2	15	14	404	218	3	1.6	0.87	567.524	20.442	3490.004	3338.272	3.338272	2
2	15	15	189	196	2	1.5	0.87	340.755	12.715	2145.1	2041.023	2.041023	2
2	15	16	0	20	1	1.2	0.87	19.347	1.652	114.478	82.353	0.082353	2
2	15	17	0	7	0	0.9	0.87	6.76	0.243	36.986	7.608	0.007608	2
2	15	18	0	0	-1	0.8	0.87	0	-1	0	0	0	2
2	15	19	0	0	-2	0.7	0.87	0	-2	0	0	0	2
2	15	20	0	0	-3	0.5	0.87	0	-3	0	0	0	2
2	15	21	0	0	-4	0.5	0.87	0	-4	0	0	0	2
2	15	22	0	0	-5	0.5	0.87	0	-5	0	0	0	2
2	15	23	0	0	-5	0.5	0.87	0	-5	0	0	0	2
2	16	0	0	0	-5	0.4	0.87	0	-5	0	0	0	2
2	16	1	0	0	-5	0.4	0.87	0	-5	0	0	0	2
2	16	2	0	0	-5	0.3	0.87	0	-5	0	0	0	2
2	16	3	0	0	-4	0.3	0.87	0	-4	0	0	0	2
2	16	4	0	0	-4	0.4	0.87	0	-4	0	0	0	2
2	16	5	0	0	-4	0.3	0.87	0	-4	0	0	0	2
2	16	6	0	0	-4	0.3	0.87	0	-4	0	0	0	2
2	16	7	0	0	-3	0.4	0.87	0	0	0	0	0	2
2	16	8	598	51	-1	0.7	0.87	256.921	8.641	1508.572	1427.049	1.427049	2
2	16	9	784	82	0	1	0.87	518.348	18.455	3274.385	3130.292	3.130292	2
2	16	10	376	188	0	1.2	0.87	477.098	16.1	2990.928	2856.88	2.85688	2
2	16	11	247	263	0	1.4	0.87	493.16	15.828	3061.923	2925.359	2.925359	2
2	16	12	435	248	0	1.5	0.87	674.134	21.156	4117.098	3943.145	3.943145	2

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
2	16	13	426	252	0	1.6	0.87	656.435	20.149	4025.042	3854.351	3.854351	2
2	16	14	54	240	0	1.7	0.87	298.912	8.958	1874.785	1780.286	1.780286	2
2	16	15	302	189	-1	1.7	0.87	415.008	11.497	2641.458	2519.793	2.519793	2
2	16	16	0	58	-2	1.6	0.87	56.236	-0.273	349.833	309.369	0.309369	2
2	16	17	77	50	-3	1.4	0.87	76.34	-0.597	446.605	402.712	0.402712	2
2	16	18	0	0	-4	1.4	0.87	0	-4	0	0	0	2
2	16	19	0	0	-4	1.4	0.12	0	-4	0	0	0	2
2	16	20	0	0	-4	1.3	0.12	0	-4	0	0	0	2
2	16	21	0	0	-4	1.3	0.12	0	-4	0	0	0	2
2	16	22	0	0	-4	1.3	0.12	0	-4	0	0	0	2
2	16	23	0	0	-5	1.3	0.12	0	-5	0	0	0	2
2	17	0	0	0	-5	1.4	0.12	0	-5	0	0	0	2
2	17	1	0	0	-5	1.4	0.12	0	-5	0	0	0	2
2	17	2	0	0	-5	1.4	0.12	0	-5	0	0	0	2
2	17	3	0	0	-6	1.2	0.12	0	-6	0	0	0	2
2	17	4	0	0	-6	1	0.12	0	-6	0	0	0	2
2	17	5	0	0	-8	0.6	0.12	0	-8	0	0	0	2
2	17	6	0	0	-9	0.5	0.12	0	-9	0	0	0	2
2	17	7	0	0	-8	0.6	0.12	0	0	0	0	0	2
2	17	8	679	43	-6	0.8	0.12	270.425	3.884	1622.038	1536.495	1.536495	2
2	17	9	863	61	-4	0.9	0.12	528.5	15.34	3399.326	3250.806	3.250806	2
2	17	10	937	74	-3	0.9	0.12	734.199	23.813	4545.767	4356.625	4.356625	2
2	17	11	981	79	-1	0.9	0.12	881.808	31.147	5267.992	5053.258	5.053258	2
2	17	12	1000	80	0	0.9	0.12	952.747	34.705	5590.668	5364.501	5.364501	2
2	17	13	991	82	0	0.9	0.12	939.162	34.213	5524.883	5301.047	5.301047	2
2	17	14	966	78	0	0.9	0.12	845.115	30.821	5064.489	4856.966	4.856966	2
2	17	15	911	72	0	0.9	0.12	678.718	24.8	4196.271	4019.512	4.019512	2
2	17	16	804	59	0	0.6	0.12	454.236	17.979	2857.516	2728.195	2.728195	2
2	17	17	560	37	-1	0.5	0.12	192.154	6.474	1054.557	989.122	0.989122	2
2	17	18	0	0	-2	0.5	0.12	0	-2	0	0	0	2
2	17	19	0	0	-3	0.7	0.12	0	-3	0	0	0	2
2	17	20	0	0	-5	0.8	0.12	0	-5	0	0	0	2
2	17	21	0	0	-6	0.6	0.12	0	-6	0	0	0	2
2	17	22	0	0	-6	0.5	0.12	0	-6	0	0	0	2
2	17	23	0	0	-6	0.6	0.12	0	-6	0	0	0	2
2	18	0	0	0	-6	0.6	0.12	0	-6	0	0	0	2
2	18	1	0	0	-6	0.7	0.12	0	-6	0	0	0	2
2	18	2	0	0	-6	0.8	0.12	0	-6	0	0	0	2
2	18	3	0	0	-6	0.8	0.12	0	-6	0	0	0	2
2	18	4	0	0	-5	0.9	0.12	0	-5	0	0	0	2
2	18	5	0	0	-5	0.9	0.12	0	-5	0	0	0	2
2	18	6	0	0	-5	1	0.12	0	-5	0	0	0	2
2	18	7	0	0	-4	1.2	0.12	0	0	0	0	0	2

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
2	18	8	414	65	-1	1.3	0.12	211.116	5.84	1270.55	1197.462	1.197462	2
2	18	9	464	112	2	1.5	0.12	376.409	13.896	2409.526	2296.079	2.296079	2
2	18	10	402	188	6	1.6	0.12	497.286	21.326	3075.791	2938.735	2.938735	2
2	18	11	576	181	9	1.7	0.12	678.475	29.439	4062.895	3890.863	3.890863	2
2	18	12	499	229	10	1.7	0.12	698.935	31.027	4139.098	3964.366	3.964366	2
2	18	13	334	275	11	1.6	0.12	594.854	29.274	3533.669	3380.389	3.380389	2
2	18	14	646	150	11	1.5	0.12	688.371	32.687	4081.982	3909.273	3.909273	2
2	18	15	677	104	10	1.3	0.12	571.111	28.886	3464.479	3313.651	3.313651	2
2	18	16	606	73	9	1.3	0.12	379.339	21.535	2346.738	2235.516	2.235516	2
2	18	17	435	43	7	1.4	0.12	168.591	12.227	917.247	856.677	0.856677	2
2	18	18	0	0	6	1.4	0.12	0	6	0	0	0	2
2	18	19	0	0	5	1.3	0.12	0	5	0	0	0	2
2	18	20	0	0	5	1.4	0.12	0	5	0	0	0	2
2	18	21	0	0	5	1.8	0.12	0	5	0	0	0	2
2	18	22	0	0	6	2.2	0.12	0	6	0	0	0	2
2	18	23	0	0	5	2.4	0.12	0	5	0	0	0	2
2	19	0	0	0	4	2.4	0.12	0	4	0	0	0	2
2	19	1	0	0	4	2.5	0.12	0	4	0	0	0	2
2	19	2	0	0	5	2.5	0.12	0	5	0	0	0	2
2	19	3	0	0	5	2.1	0.12	0	5	0	0	0	2
2	19	4	0	0	3	1.9	0.12	0	3	0	0	0	2
2	19	5	0	0	1	1.8	0.12	0	1	0	0	0	2
2	19	6	0	0	-1	1.6	0.12	0	-1	0	0	0	2
2	19	7	0	0	-1	1.6	0.12	0	0	0	0	0	2
2	19	8	0	14	0	1.8	0.12	13.216	0.388	77.116	46.316	0.046316	2
2	19	9	0	69	0	2	0.12	65.374	1.848	408.141	365.611	0.365611	2
2	19	10	0	64	0	2.1	0.12	60.639	1.676	374.444	333.108	0.333108	2
2	19	11	3	178	1	2.2	0.12	176.174	5.767	1103.186	1036.028	1.036028	2
2	19	12	113	302	1	2.3	0.12	416.073	12.053	2605.779	2485.378	2.485378	2
2	19	13	0	144	1	2.3	0.12	138.794	4.681	863.475	804.811	0.804811	2
2	19	14	31	229	1	2.2	0.12	261.796	8.091	1649.208	1562.702	1.562702	2
2	19	15	30	184	0	2.1	0.12	209.637	5.803	1334.616	1259.257	1.259257	2
2	19	16	0	90	0	2	0.12	86.975	2.46	548	500.515	0.500515	2
2	19	17	0	6	0	1.8	0.12	5.658	0.165	31.291	2.115	0.002115	2
2	19	18	0	0	-1	1.6	0.12	0	-1	0	0	0	2
2	19	19	0	0	-2	1.6	0.12	0	-2	0	0	0	2
2	19	20	0	0	-3	1.6	0.12	0	-3	0	0	0	2
2	19	21	0	0	-3	1.6	0.12	0	-3	0	0	0	2
2	19	22	0	0	-4	1.6	0.12	0	-4	0	0	0	2
2	19	23	0	0	-4	1.6	0.12	0	-4	0	0	0	2
2	20	0	0	0	-4	1.6	0.12	0	-4	0	0	0	2
2	20	1	0	0	-5	1.6	0.12	0	-5	0	0	0	2
2	20	2	0	0	-5	1.5	0.12	0	-5	0	0	0	2

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
2	20	3	0	0	-5	1.5	0.12	0	-5	0	0	0	2
2	20	4	0	0	-5	1.5	0.12	0	-5	0	0	0	2
2	20	5	0	0	-5	1.4	0.12	0	-5	0	0	0	2
2	20	6	0	0	-6	1.4	0.12	0	-6	0	0	0	2
2	20	7	0	0	-5	1.4	0.12	0	0	0	0	0	2
2	20	8	143	78	-4	1.4	0.12	131.023	0.177	814.478	757.55	0.75755	2
2	20	9	20	138	-3	1.4	0.12	146.977	1.732	945.372	883.805	0.883805	2
2	20	10	269	216	-2	1.4	0.12	429.408	11.829	2734.308	2609.353	2.609353	2
2	20	11	931	100	-1	1.4	0.12	880.212	27.378	5324.23	5107.503	5.107503	2
2	20	12	947	104	0	1.4	0.12	943.691	30.401	5621.021	5393.778	5.393778	2
2	20	13	949	101	0	1.4	0.12	933.815	30.087	5572.848	5347.312	5.347312	2
2	20	14	704	134	0	1.4	0.12	719.681	23.198	4425.381	4240.504	4.240504	2
2	20	15	615	123	0	1.3	0.12	554.609	18.331	3493.607	3341.747	3.341747	2
2	20	16	741	76	-1	1.1	0.12	449.786	14.605	2867.846	2738.159	2.738159	2
2	20	17	53	56	-2	0.8	0.12	75.007	0.762	448.86	404.887	0.404887	2
2	20	18	0	0	-3	0.7	0.12	0	-3	0	0	0	2
2	20	19	0	0	-3	0.7	0.12	0	-3	0	0	0	2
2	20	20	0	0	-4	0.7	0.12	0	-4	0	0	0	2
2	20	21	0	0	-4	0.7	0.12	0	-4	0	0	0	2
2	20	22	0	0	-4	0.8	0.12	0	-4	0	0	0	2
2	20	23	0	0	-4	0.9	0.12	0	-4	0	0	0	2
2	21	0	0	0	-4	0.8	0.12	0	-4	0	0	0	2
2	21	1	0	0	-5	0.7	0.12	0	-5	0	0	0	2
2	21	2	0	0	-5	0.7	0.12	0	-5	0	0	0	2
2	21	3	0	0	-5	0.6	0.12	0	-5	0	0	0	2
2	21	4	0	0	-6	0.6	0.12	0	-6	0	0	0	2
2	21	5	0	0	-7	0.5	0.12	0	-7	0	0	0	2
2	21	6	0	0	-7	0.5	0.12	0	-7	0	0	0	2
2	21	7	0	0	-6	0.7	0.12	0	0	0	0	0	2
2	21	8	0	42	-4	0.8	0.12	39.751	-2.519	245.941	209.158	0.209158	2
2	21	9	0	116	-2	0.9	0.12	112.943	2.107	717.763	664.262	0.664262	2
2	21	10	276	218	0	0.9	0.12	437.07	15.907	2742.111	2616.879	2.616879	2
2	21	11	916	97	0	0.9	0.12	867.443	31.604	5162.805	4951.799	4.951799	2
2	21	12	940	96	1	1	0.12	931.355	34.048	5470.873	5248.95	5.24895	2
2	21	13	916	103	2	1.1	0.12	910.481	33.509	5362.328	5144.251	5.144251	2
2	21	14	656	152	2	1.2	0.12	703.567	25.766	4280.021	4100.295	4.100295	2
2	21	15	272	200	1	1.3	0.12	402.68	14.282	2544.664	2426.428	2.426428	2
2	21	16	23	124	0	1.2	0.12	133.556	4.508	848.227	790.102	0.790102	2
2	21	17	26	55	0	1.2	0.12	63.371	2.116	379.804	338.278	0.338278	2
2	21	18	0	0	0	1.3	0.12	0	0	0	0	0	2
2	21	19	0	0	0	1	0.12	0	0	0	0	0	2
2	21	20	0	0	0	0.9	0.12	0	0	0	0	0	2
2	21	21	0	0	-1	1.2	0.12	0	-1	0	0	0	2

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
2	21	22	0	0	-1	1.4	0.12	0	-1	0	0	0	2
2	21	23	0	0	-1	1.7	0.12	0	-1	0	0	0	2
2	22	0	0	0	-1	1.7	0.12	0	-1	0	0	0	2
2	22	1	0	0	-1	1.4	0.12	0	-1	0	0	0	2
2	22	2	0	0	0	1.4	0.12	0	0	0	0	0	2
2	22	3	0	0	0	1.6	0.12	0	0	0	0	0	2
2	22	4	0	0	0	1.4	0.12	0	0	0	0	0	2
2	22	5	0	0	0	1.3	0.12	0	0	0	0	0	2
2	22	6	0	0	1	1.3	0.12	0	1	0	0	0	2
2	22	7	10	7	1	1.2	0.12	7.822	1.22	27.305	0	0	2
2	22	8	0	5	2	1.2	0.12	4.716	2.159	26.169	0	0	2
2	22	9	0	45	2	1.2	0.12	42.583	3.436	259.706	222.436	0.222436	2
2	22	10	0	147	3	1.1	0.12	142.704	7.92	885.479	826.035	0.826035	2
2	22	11	0	138	4	1.1	0.12	132.819	8.571	814.348	757.424	0.757424	2
2	22	12	11	219	5	1.1	0.12	224.874	12.734	1376.705	1299.855	1.299855	2
2	22	13	5	193	5	1.1	0.12	192.759	11.629	1179.642	1109.774	1.109774	2
2	22	14	0	93	5	1	0.12	88.282	8.116	535.306	488.27	0.48827	2
2	22	15	0	124	4	0.7	0.12	119.601	8.58	737.717	683.509	0.683509	2
2	22	16	0	82	3	0.5	0.12	78.559	6.19	485.903	440.617	0.440617	2
2	22	17	317	62	1	0.4	0.12	159.167	7.48	911.749	851.374	0.851374	2
2	22	18	0	0	0	0.4	0.12	0	0	0	0	0	2
2	22	19	0	0	0	0.4	0.12	0	0	0	0	0	2
2	22	20	0	0	0	0.5	0.12	0	0	0	0	0	2
2	22	21	0	0	-1	0.5	0.12	0	-1	0	0	0	2
2	22	22	0	0	-1	0.4	0.12	0	-1	0	0	0	2
2	22	23	0	0	0	0.4	0.12	0	0	0	0	0	2
2	23	0	0	0	0	0.5	0.12	0	0	0	0	0	2
2	23	1	0	0	0	0.6	0.12	0	0	0	0	0	2
2	23	2	0	0	0	0.5	0.12	0	0	0	0	0	2
2	23	3	0	0	-1	0.5	0.12	0	-1	0	0	0	2
2	23	4	0	0	-1	0.5	0.12	0	-1	0	0	0	2
2	23	5	0	0	-2	0.5	0.12	0	-2	0	0	0	2
2	23	6	0	0	-2	0.5	0.12	0	-2	0	0	0	2
2	23	7	0	3	-1	0.7	0.12	2.91	-0.904	10.512	0	0	2
2	23	8	0	51	0	0.8	0.12	48.572	1.811	298.163	259.53	0.25953	2
2	23	9	735	88	1	0.9	0.12	506.138	19.506	3194.964	3053.686	3.053686	2
2	23	10	844	97	3	0.9	0.12	716.013	29.125	4331.363	4149.818	4.149818	2
2	23	11	901	101	4	0.8	0.12	865.352	36.364	5051.989	4844.909	4.844909	2
2	23	12	925	102	5	0.8	0.12	930.71	39.782	5340.828	5123.513	5.123513	2
2	23	13	923	100	6	0.8	0.12	918.337	40.325	5262.226	5047.697	5.047697	2
2	23	14	894	97	6	0.8	0.12	830.978	37.091	4846.857	4647.045	4.647045	2
2	23	15	832	90	5	0.7	0.12	663.996	30.575	4004.497	3834.533	3.834533	2
2	23	16	709	77	3	0.5	0.12	439.916	20.93	2742.836	2617.578	2.617578	2

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
2	23	17	470	49	0	0.4	0.12	187.959	7.614	1063.651	997.894	0.997894	2
2	23	18	0	0	-1	0.5	0.12	0	-1	0	0	0	2
2	23	19	0	0	-2	0.5	0.12	0	-2	0	0	0	2
2	23	20	0	0	-2	0.5	0.12	0	-2	0	0	0	2
2	23	21	0	0	-1	0.5	0.12	0	-1	0	0	0	2
2	23	22	0	0	-1	0.5	0.12	0	-1	0	0	0	2
2	23	23	0	0	-1	0.4	0.12	0	-1	0	0	0	2
2	24	0	0	0	-2	0.4	0.12	0	-2	0	0	0	2
2	24	1	0	0	-3	0.5	0.12	0	-3	0	0	0	2
2	24	2	0	0	-3	0.6	0.12	0	-3	0	0	0	2
2	24	3	0	0	-3	0.6	0.12	0	-3	0	0	0	2
2	24	4	0	0	-3	0.5	0.12	0	-3	0	0	0	2
2	24	5	0	0	-3	0.4	0.12	0	-3	0	0	0	2
2	24	6	0	0	-3	0.4	0.12	0	-3	0	0	0	2
2	24	7	88	14	-2	0.5	0.12	23.087	-1.284	73.262	42.598	0.042598	2
2	24	8	549	65	0	0.7	0.12	264.135	9.999	1592.073	1507.591	1.507591	2
2	24	9	741	90	1	0.8	0.12	513.776	20.286	3233.358	3090.719	3.090719	2
2	24	10	852	98	2	0.9	0.12	725.396	28.465	4397.498	4213.61	4.21361	2
2	24	11	872	116	3	1	0.12	861.103	33.563	5078.258	4870.247	4.870247	2
2	24	12	884	122	4	1.1	0.12	926.721	36.052	5391.007	5171.914	5.171914	2
2	24	13	891	117	5	1.1	0.12	918.898	36.787	5334.172	5117.093	5.117093	2
2	24	14	865	110	5	1	0.12	824.838	34.289	4860.534	4660.238	4.660238	2
2	24	15	802	101	4	0.9	0.12	657.93	28.017	4003.639	3833.706	3.833706	2
2	24	16	717	77	2	0.6	0.12	445.205	19.635	2791.16	2664.19	2.66419	2
2	24	17	479	50	0	0.5	0.12	192.203	7.566	1091.735	1024.982	1.024982	2
2	24	18	0	0	-1	0.5	0.12	0	-1	0	0	0	2
2	24	19	0	0	-2	0.4	0.12	0	-2	0	0	0	2
2	24	20	0	0	-2	0.4	0.12	0	-2	0	0	0	2
2	24	21	0	0	-2	0.4	0.12	0	-2	0	0	0	2
2	24	22	0	0	-2	0.4	0.12	0	-2	0	0	0	2
2	24	23	0	0	-2	0.4	0.12	0	-2	0	0	0	2
2	25	0	0	0	-2	0.4	0.12	0	-2	0	0	0	2
2	25	1	0	0	-2	0.5	0.12	0	-2	0	0	0	2
2	25	2	0	0	-2	0.5	0.12	0	-2	0	0	0	2
2	25	3	0	0	-2	0.6	0.12	0	-2	0	0	0	2
2	25	4	0	0	-3	0.6	0.12	0	-3	0	0	0	2
2	25	5	0	0	-3	0.6	0.12	0	-3	0	0	0	2
2	25	6	0	0	-2	0.7	0.12	0	-2	0	0	0	2
2	25	7	139	15	-1	0.9	0.12	29.91	-0.2	90.172	58.909	0.058909	2
2	25	8	581	60	0	1.1	0.12	271.501	9.263	1643.522	1557.218	1.557218	2
2	25	9	750	85	1	1.1	0.12	515.369	18.91	3260.181	3116.592	3.116592	2
2	25	10	844	98	2	1.1	0.12	722.343	27.047	4400.981	4216.969	4.216969	2
2	25	11	612	183	4	1.2	0.12	726.211	28.505	4354.846	4172.469	4.172469	2

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
2	25	12	641	193	5	1.2	0.12	798.057	31.908	4708.383	4513.478	4.513478	2
2	25	13	920	102	6	1.3	0.12	923.16	36.431	5367.86	5149.587	5.149587	2
2	25	14	899	96	6	1.3	0.12	838.438	33.667	4952.99	4749.418	4.749418	2
2	25	15	853	85	5	1.2	0.12	676.306	27.902	4119.396	3945.362	3.945362	2
2	25	16	750	71	3	0.8	0.12	454.599	20.049	2848.859	2719.845	2.719845	2
2	25	17	536	46	1	0.7	0.12	204.532	8.604	1156.645	1087.593	1.087593	2
2	25	18	0	0	0	0.8	0.12	0	0	0	0	0	2
2	25	19	0	0	0	0.9	0.12	0	0	0	0	0	2
2	25	20	0	0	0	0.9	0.12	0	0	0	0	0	2
2	25	21	0	0	0	0.9	0.12	0	0	0	0	0	2
2	25	22	0	0	0	0.9	0.12	0	0	0	0	0	2
2	25	23	0	0	0	1	0.12	0	0	0	0	0	2
2	26	0	0	0	0	1.1	0.12	0	0	0	0	0	2
2	26	1	0	0	0	1.2	0.12	0	0	0	0	0	2
2	26	2	0	0	0	1.2	0.12	0	0	0	0	0	2
2	26	3	0	0	0	1.2	0.12	0	0	0	0	0	2
2	26	4	0	0	0	1.3	0.12	0	0	0	0	0	2
2	26	5	0	0	1	1.3	0.12	0	1	0	0	0	2
2	26	6	0	0	1	1.4	0.12	0	1	0	0	0	2
2	26	7	0	5	1	1.5	0.12	4.849	1.131	17.753	0	0	2
2	26	8	0	6	2	1.7	0.12	5.661	2.17	31.772	2.578	0.002578	2
2	26	9	0	115	3	1.9	0.12	111.297	6.21	695.04	642.344	0.642344	2
2	26	10	0	106	4	1.8	0.12	101.174	6.972	621.779	571.679	0.571679	2
2	26	11	16	226	5	1.6	0.12	235.932	12.225	1452.264	1372.736	1.372736	2
2	26	12	30	269	5	1.4	0.12	305.195	14.771	1868.793	1774.507	1.774507	2
2	26	13	6	199	6	1.2	0.12	199.442	12.691	1215.353	1144.22	1.14422	2
2	26	14	0	95	7	1.1	0.12	90.218	10.105	542.425	495.136	0.495136	2
2	26	15	3	161	7	0.9	0.12	159.156	12.775	974.287	911.697	0.911697	2
2	26	16	0	55	6	0.7	0.12	52.072	7.998	314.544	275.331	0.275331	2
2	26	17	0	12	4	0.6	0.12	11.325	4.445	64.051	33.713	0.033713	2
2	26	18	0	0	4	0.7	0.12	0	4	0	0	0	2
2	26	19	0	0	4	0.8	0.12	0	4	0	0	0	2
2	26	20	0	0	4	0.8	0.12	0	4	0	0	0	2
2	26	21	0	0	3	0.8	0.12	0	3	0	0	0	2
2	26	22	0	0	3	0.8	0.12	0	3	0	0	0	2
2	26	23	0	0	3	0.9	0.12	0	3	0	0	0	2
2	27	0	0	0	2	1	0.12	0	2	0	0	0	2
2	27	1	0	0	2	1.1	0.12	0	2	0	0	0	2
2	27	2	0	0	2	1	0.12	0	2	0	0	0	2
2	27	3	0	0	1	1	0.12	0	1	0	0	0	2
2	27	4	0	0	1	1	0.12	0	1	0	0	0	2
2	27	5	0	0	1	1	0.12	0	1	0	0	0	2
2	27	6	0	0	1	1.1	0.12	0	1	0	0	0	2

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
2	27	7	0	1	1	1.2	0.12	0.97	1.028	0	0	0	2
2	27	8	0	7	2	1.4	0.12	6.605	2.212	37.346	7.955	0.007955	2
2	27	9	0	93	3	1.6	0.12	88.937	5.734	551.878	504.254	0.504254	2
2	27	10	0	159	4	1.7	0.12	154.481	8.635	956.586	894.622	0.894622	2
2	27	11	0	101	4	1.8	0.12	96.063	6.816	585.285	536.478	0.536478	2
2	27	12	0	87	4	1.9	0.12	82.575	6.369	499.644	453.872	0.453872	2
2	27	13	0	123	4	1.8	0.12	117.648	7.447	718.286	664.767	0.664767	2
2	27	14	0	137	4	1.8	0.12	131.705	7.863	809.386	752.638	0.752638	2
2	27	15	30	198	3	1.6	0.12	223.412	9.861	1399.784	1322.116	1.322116	2
2	27	16	19	132	2	1.3	0.12	139.172	6.586	877.503	818.342	0.818342	2
2	27	17	0	10	1	1.1	0.12	9.436	1.325	53.77	23.797	0.023797	2
2	27	18	0	0	1	1.1	0.12	0	1	0	0	0	2
2	27	19	0	0	0	1.1	0.12	0	0	0	0	0	2
2	27	20	0	0	0	1.1	0.12	0	0	0	0	0	2
2	27	21	0	0	0	1.1	0.12	0	0	0	0	0	2
2	27	22	0	0	0	1.1	0.12	0	0	0	0	0	2
2	27	23	0	0	0	1.1	0.12	0	0	0	0	0	2
2	28	0	0	0	0	1.1	0.12	0	0	0	0	0	2
2	28	1	0	0	0	1.2	0.12	0	0	0	0	0	2
2	28	2	0	0	0	1.2	0.12	0	0	0	0	0	2
2	28	3	0	0	0	1.2	0.12	0	0	0	0	0	2
2	28	4	0	0	0	1.2	0.12	0	0	0	0	0	2
2	28	5	0	0	0	1.2	0.12	0	0	0	0	0	2
2	28	6	0	0	0	1.2	0.12	0	0	0	0	0	2
2	28	7	23	16	0	1.3	0.12	18.854	0.518	68.643	38.143	0.038143	2
2	28	8	0	34	0	1.4	0.12	32.15	1.034	195.527	160.531	0.160531	2
2	28	9	0	54	1	1.5	0.12	51.126	2.607	314.556	275.342	0.275342	2
2	28	10	0	71	2	1.6	0.12	67.302	4.064	411.877	369.215	0.369215	2
2	28	11	0	105	3	1.6	0.12	99.972	6.06	611.55	561.812	0.561812	2
2	28	12	0	89	4	1.6	0.12	84.481	6.583	510.998	464.823	0.464823	2
2	28	13	0	73	4	1.5	0.12	69.258	6.166	416.749	373.914	0.373914	2
2	28	14	0	60	4	1.4	0.12	56.878	5.822	341.619	301.446	0.301446	2
2	28	15	0	87	3	1.2	0.12	82.536	5.777	506.941	460.91	0.46091	2
2	28	16	0	33	2	0.9	0.12	31.207	3.135	188.374	153.631	0.153631	2
2	28	17	358	67	1	0.6	0.12	178.069	7.865	1034.929	970.189	0.970189	2
2	28	18	0	0	0	0.6	0.12	0	0	0	0	0	2
2	28	19	0	0	-2	0.6	0.12	0	-2	0	0	0	2
2	28	20	0	0	-2	0.7	0.12	0	-2	0	0	0	2
2	28	21	0	0	-2	0.8	0.12	0	-2	0	0	0	2
2	28	22	0	0	-2	0.8	0.12	0	-2	0	0	0	2
2	28	23	0	0	-2	0.8	0.12	0	-2	0	0	0	2
3	1	0	0	0	-2	0.7	0.12	0	-2	0	0	0	3
3	1	1	0	0	-2	0.7	0.12	0	-2	0	0	0	3

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
3	1	2	0	0	-2	0.7	0.12	0	-2	0	0	0	3
3	1	3	0	0	-3	0.7	0.12	0	-3	0	0	0	3
3	1	4	0	0	-3	0.6	0.12	0	-3	0	0	0	3
3	1	5	0	0	-4	0.5	0.12	0	-4	0	0	0	3
3	1	6	0	0	-4	0.5	0.12	0	-4	0	0	0	3
3	1	7	141	21	-2	0.5	0.12	41.153	-0.708	135.951	103.066	0.103066	3
3	1	8	561	69	0	0.6	0.12	282.399	11.035	1722.447	1633.346	1.633346	3
3	1	9	741	93	2	0.5	0.12	530.598	23.644	3292.783	3148.039	3.148039	3
3	1	10	829	108	5	0.5	0.12	735.54	34.934	4337.763	4155.991	4.155991	3
3	1	11	572	203	7	0.5	0.12	719.288	36.188	4176.523	4000.464	4.000464	3
3	1	12	609	211	8	0.5	0.12	797.542	40.341	4541.675	4352.677	4.352677	3
3	1	13	793	165	9	0.5	0.12	904.26	45.698	5047.836	4840.903	4.840903	3
3	1	14	774	153	8	0.7	0.12	814.795	39.285	4691.394	4497.091	4.497091	3
3	1	15	735	129	7	0.6	0.12	656.04	32.954	3904.286	3737.873	3.737873	3
3	1	16	632	103	5	0.4	0.12	438.382	23.407	2710.574	2586.459	2.586459	3
3	1	17	401	65	1	0.4	0.12	188.853	8.716	1095.744	1028.85	1.02885	3
3	1	18	0	0	0	0.6	0.12	0	0	0	0	0	3
3	1	19	0	0	0	0.8	0.12	0	0	0	0	0	3
3	1	20	0	0	1	0.9	0.12	0	1	0	0	0	3
3	1	21	0	0	1	0.9	0.12	0	1	0	0	0	3
3	1	22	0	0	1	0.9	0.12	0	1	0	0	0	3
3	1	23	0	0	1	0.9	0.12	0	1	0	0	0	3
3	2	0	0	0	0	1	0.12	0	0	0	0	0	3
3	2	1	0	0	0	1	0.12	0	0	0	0	0	3
3	2	2	0	0	1	0.9	0.12	0	1	0	0	0	3
3	2	3	0	0	1	0.9	0.12	0	1	0	0	0	3
3	2	4	0	0	1	0.9	0.12	0	1	0	0	0	3
3	2	5	0	0	1	0.9	0.12	0	1	0	0	0	3
3	2	6	0	0	1	0.9	0.12	0	1	0	0	0	3
3	2	7	0	1	1	1	0.12	0.942	1.029	0	0	0	3
3	2	8	5	87	2	1.1	0.12	86.641	4.994	538.899	491.736	0.491736	3
3	2	9	0	86	4	1.4	0.12	81.821	6.631	503.744	457.826	0.457826	3
3	2	10	0	116	5	1.7	0.12	110.938	8.327	679.083	626.953	0.626953	3
3	2	11	8	208	6	1.7	0.12	210.007	12.289	1284.931	1211.333	1.211333	3
3	2	12	6	197	7	1.6	0.12	197.019	13.024	1195.978	1125.532	1.125532	3
3	2	13	11	227	7	1.5	0.12	232.202	14.262	1411.115	1333.046	1.333046	3
3	2	14	1	171	6	1.4	0.12	166.512	11.332	1016.34	952.259	0.952259	3
3	2	15	28	200	6	1.3	0.12	223.38	13.342	1379.385	1302.44	1.30244	3
3	2	16	0	78	6	1.2	0.12	74.177	8.502	452.991	408.872	0.408872	3
3	2	17	0	33	5	1.1	0.12	31.209	6.076	184.072	149.482	0.149482	3
3	2	18	0	0	5	1.1	0.12	0	0	0	0	0	3
3	2	19	0	0	5	1.1	0.12	0	5	0	0	0	3
3	2	20	0	0	5	1.1	0.12	0	5	0	0	0	3

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
3	2	21	0	0	5	1.1	0.12	0	5	0	0	0	3
3	2	22	0	0	5	1	0.12	0	5	0	0	0	3
3	2	23	0	0	4	1	0.12	0	4	0	0	0	3
3	3	0	0	0	3	1.3	0.12	0	3	0	0	0	3
3	3	1	0	0	1	1.5	0.12	0	1	0	0	0	3
3	3	2	0	0	0	1.4	0.12	0	0	0	0	0	3
3	3	3	0	0	-1	1.4	0.12	0	-1	0	0	0	3
3	3	4	0	0	-2	1.4	0.12	0	-2	0	0	0	3
3	3	5	0	0	-3	1.5	0.12	0	-3	0	0	0	3
3	3	6	0	0	-4	1.5	0.12	0	-4	0	0	0	3
3	3	7	50	24	-3	1.6	0.12	31.224	-2.208	114.831	82.694	0.082694	3
3	3	8	0	20	-2	1.7	0.12	18.892	-1.431	113.853	81.751	0.081751	3
3	3	9	287	169	-2	1.8	0.12	348.466	8.292	2253.779	2145.851	2.145851	3
3	3	10	15	201	-2	1.9	0.12	208.134	3.986	1322.425	1247.498	1.247498	3
3	3	11	10	216	-2	1.8	0.12	219.833	4.444	1386.433	1309.238	1.309238	3
3	3	12	16	248	-1	1.7	0.12	258.359	6.731	1618.471	1533.054	1.533054	3
3	3	13	169	333	-1	1.7	0.12	510.269	14.298	3171.379	3030.937	3.030937	3
3	3	14	41	262	-1	1.6	0.12	303.632	8.302	1910.529	1814.764	1.814764	3
3	3	15	0	113	-2	1.6	0.12	108.087	1.316	680.942	628.746	0.628746	3
3	3	16	0	108	-2	1.5	0.12	104.232	1.278	662.649	611.101	0.611101	3
3	3	17	0	55	-3	1.3	0.12	52.801	-1.265	327.945	288.256	0.288256	3
3	3	18	0	0	-4	1.3	0.12	0	0	0	0	0	3
3	3	19	0	0	-5	1.4	0.12	0	-5	0	0	0	3
3	3	20	0	0	-5	1.4	0.12	0	-5	0	0	0	3
3	3	21	0	0	-6	1.5	0.12	0	-6	0	0	0	3
3	3	22	0	0	-7	1.5	0.12	0	-7	0	0	0	3
3	3	23	0	0	-7	1.5	0.12	0	-7	0	0	0	3
3	4	0	0	0	-8	1.5	0.12	0	-8	0	0	0	3
3	4	1	0	0	-8	1.5	0.12	0	-8	0	0	0	3
3	4	2	0	0	-8	1.5	0.12	0	-8	0	0	0	3
3	4	3	0	0	-9	1.5	0.12	0	-9	0	0	0	3
3	4	4	0	0	-9	1.5	0.12	0	-9	0	0	0	3
3	4	5	0	0	-9	1.6	0.12	0	-9	0	0	0	3
3	4	6	0	0	-10	1.6	0.12	0	-10	0	0	0	3
3	4	7	0	11	-10	1.6	0.12	10.386	-9.719	43.401	13.795	0.013795	3
3	4	8	3	90	-10	1.6	0.12	88.714	-7.271	579.239	530.647	0.530647	3
3	4	9	87	181	-9	1.6	0.12	234.923	-1.77	1550.168	1467.172	1.467172	3
3	4	10	356	231	-8	1.6	0.12	517.444	7.917	3338.231	3191.876	3.191876	3
3	4	11	506	234	-7	1.5	0.12	701.765	15.05	4401.299	4217.276	4.217276	3
3	4	12	511	253	-5	1.5	0.12	755.941	18.733	4663.17	4469.867	4.469867	3
3	4	13	444	277	-4	1.4	0.12	715.761	18.984	4408.277	4224.006	4.224006	3
3	4	14	877	127	-4	1.3	0.12	872.028	24.749	5308.53	5092.359	5.092359	3
3	4	15	776	129	-4	1.2	0.12	688.439	19.286	4311.501	4130.659	4.130659	3

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
3	4	16	628	115	-4	1.1	0.12	451.746	11.684	2918.843	2787.349	2.787349	3
3	4	17	0	53	-5	0.9	0.12	50.689	-3.161	316.979	277.679	0.277679	3
3	4	18	0	0	-5	0.7	0.12	0	0	0	0	0	3
3	4	19	0	0	-5	0.7	0.12	0	-5	0	0	0	3
3	4	20	0	0	-5	0.8	0.12	0	-5	0	0	0	3
3	4	21	0	0	-5	0.8	0.12	0	-5	0	0	0	3
3	4	22	0	0	-4	0.9	0.12	0	-4	0	0	0	3
3	4	23	0	0	-4	1	0.12	0	-4	0	0	0	3
3	5	0	0	0	-4	1	0.12	0	-4	0	0	0	3
3	5	1	0	0	-3	1	0.12	0	-3	0	0	0	3
3	5	2	0	0	-3	1	0.12	0	-3	0	0	0	3
3	5	3	0	0	-3	0.9	0.12	0	-3	0	0	0	3
3	5	4	0	0	-4	0.8	0.12	0	-4	0	0	0	3
3	5	5	0	0	-4	0.7	0.12	0	-4	0	0	0	3
3	5	6	0	0	-4	0.7	0.12	0	-4	0	0	0	3
3	5	7	286	25	-2	0.8	0.12	68.818	0.11	256.63	219.468	0.219468	3
3	5	8	671	61	0	1	0.12	321.437	11.304	1975.69	1877.616	1.877616	3
3	5	9	822	79	2	1.1	0.12	569.61	21.785	3560.959	3406.712	3.406712	3
3	5	10	336	238	4	1.2	0.12	511.178	21.239	3138.931	2999.638	2.999638	3
3	5	11	898	110	6	1.3	0.12	902.998	35.758	5260.813	5046.333	5.046333	3
3	5	12	900	119	7	1.3	0.12	963.203	38.717	5524.901	5301.064	5.301064	3
3	5	13	896	117	8	1.3	0.12	946.958	39.187	5426.408	5206.061	5.206061	3
3	5	14	720	148	8	1.2	0.12	771.726	34.044	4531.477	4342.841	4.342841	3
3	5	15	611	142	7	0.9	0.12	590.101	28.508	3562.055	3407.769	3.407769	3
3	5	16	679	94	5	0.6	0.12	456.819	23.106	2834.009	2705.521	2.705521	3
3	5	17	444	65	2	0.5	0.12	204.015	10.105	1185.939	1115.848	1.115848	3
3	5	18	0	0	0	0.5	0.12	0	0	0	0	0	3
3	5	19	0	0	0	0.7	0.12	0	0	0	0	0	3
3	5	20	0	0	1	0.8	0.12	0	1	0	0	0	3
3	5	21	0	0	1	0.9	0.12	0	1	0	0	0	3
3	5	22	0	0	1	0.9	0.12	0	1	0	0	0	3
3	5	23	0	0	1	0.9	0.12	0	1	0	0	0	3
3	6	0	0	0	1	0.9	0.12	0	1	0	0	0	3
3	6	1	0	0	1	0.9	0.12	0	1	0	0	0	3
3	6	2	0	0	1	0.8	0.12	0	1	0	0	0	3
3	6	3	0	0	1	0.8	0.12	0	1	0	0	0	3
3	6	4	0	0	1	0.8	0.12	0	1	0	0	0	3
3	6	5	0	0	1	0.8	0.12	0	1	0	0	0	3
3	6	6	0	0	1	0.8	0.12	0	1	0	0	0	3
3	6	7	93	28	2	0.9	0.12	43.733	3.432	192.969	158.064	0.158064	3
3	6	8	561	63	4	1	0.12	284.74	14.022	1733.476	1643.984	1.643984	3
3	6	9	522	132	7	1.2	0.12	453.793	22.363	2810.76	2683.095	2.683095	3
3	6	10	841	109	10	1.4	0.12	758.477	34.457	4473.046	4286.48	4.28648	3

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
3	6	11	889	115	12	1.4	0.12	903.508	41.085	5151.364	4940.763	4.940763	3
3	6	12	915	115	13	1.5	0.12	967.857	43.435	5447.309	5226.222	5.226222	3
3	6	13	900	120	13	1.6	0.12	956.104	42.405	5406.004	5186.379	5.186379	3
3	6	14	873	116	13	1.5	0.12	860.551	40.091	4937.074	4734.066	4.734066	3
3	6	15	819	106	13	1.3	0.12	693.399	35.904	4078.842	3906.245	3.906245	3
3	6	16	721	88	11	1	0.12	472.742	27.838	2883.565	2753.321	2.753321	3
3	6	17	511	60	8	0.7	0.12	219.092	16.217	1242.216	1170.132	1.170132	3
3	6	18	0	0	5	0.7	0.12	0	0	0	0	0	3
3	6	19	0	0	5	0.7	0.12	0	5	0	0	0	3
3	6	20	0	0	4	0.7	0.12	0	4	0	0	0	3
3	6	21	0	0	4	0.7	0.12	0	4	0	0	0	3
3	6	22	0	0	4	0.7	0.12	0	4	0	0	0	3
3	6	23	0	0	5	0.7	0.12	0	5	0	0	0	3
3	7	0	0	0	5	0.6	0.12	0	5	0	0	0	3
3	7	1	0	0	6	0.6	0.12	0	6	0	0	0	3
3	7	2	0	0	6	0.7	0.12	0	6	0	0	0	3
3	7	3	0	0	7	0.7	0.12	0	7	0	0	0	3
3	7	4	0	0	7	0.6	0.12	0	7	0	0	0	3
3	7	5	0	0	7	0.6	0.12	0	7	0	0	0	3
3	7	6	0	0	7	0.7	0.12	0	7	0	0	0	3
3	7	7	0	4	8	0.8	0.12	3.771	8.135	17.265	0	0	3
3	7	8	28	101	10	0.9	0.12	111.945	14.069	677.563	625.486	0.625486	3
3	7	9	10	157	11	1	0.12	158.977	16.629	962.697	900.517	0.900517	3
3	7	10	224	263	13	1	0.12	447.496	28.841	2654.222	2532.104	2.532104	3
3	7	11	808	139	15	1.1	0.12	862.583	44.819	4840.594	4641.004	4.641004	3
3	7	12	844	135	16	1.1	0.12	934.662	48.289	5153.526	4942.848	4.942848	3
3	7	13	809	149	17	1.1	0.12	907.924	48.366	5006.818	4801.338	4.801338	3
3	7	14	274	294	17	1	0.12	550.809	36.479	3167.658	3027.347	3.027347	3
3	7	15	243	235	16	0.8	0.12	425.549	31.886	2501.56	2384.852	2.384852	3
3	7	16	589	114	15	0.5	0.12	433.688	32.683	2586.973	2467.238	2.467238	3
3	7	17	322	66	12	0.4	0.12	169.213	18.947	955.938	893.997	0.893997	3
3	7	18	0	0	9	0.4	0.12	0	0	0	0	0	3
3	7	19	0	0	8	0.5	0.12	0	8	0	0	0	3
3	7	20	0	0	8	0.4	0.12	0	8	0	0	0	3
3	7	21	0	0	7	0.4	0.12	0	7	0	0	0	3
3	7	22	0	0	7	0.5	0.12	0	7	0	0	0	3
3	7	23	0	0	8	0.6	0.12	0	8	0	0	0	3
3	8	0	0	0	8	0.7	0.12	0	8	0	0	0	3
3	8	1	0	0	8	0.7	0.12	0	8	0	0	0	3
3	8	2	0	0	8	0.7	0.12	0	8	0	0	0	3
3	8	3	0	0	8	0.7	0.12	0	8	0	0	0	3
3	8	4	0	0	8	0.8	0.12	0	8	0	0	0	3
3	8	5	0	0	8	0.8	0.12	0	8	0	0	0	3

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
3	8	6	0	0	8	0.8	0.12	0	8	0	0	0	3
3	8	7	42	30	10	1	0.12	37.398	11.255	182.296	147.769	0.147769	3
3	8	8	329	95	12	1.2	0.12	231.891	19.789	1386.965	1309.751	1.309751	3
3	8	9	534	134	15	1.3	0.12	466.069	30.404	2798.249	2671.028	2.671028	3
3	8	10	815	109	17	1.4	0.12	744.116	40.988	4272.809	4093.339	4.093339	3
3	8	11	551	226	19	1.5	0.12	737.28	42.163	4167.099	3991.374	3.991374	3
3	8	12	553	247	20	1.6	0.12	792.779	44.338	4427.171	4242.231	4.242231	3
3	8	13	552	242	20	1.5	0.12	779.182	44.464	4352.213	4169.929	4.169929	3
3	8	14	406	265	19	1.4	0.12	628.389	39.191	3589.588	3434.327	3.434327	3
3	8	15	427	201	18	1.1	0.12	524.673	36.153	3055.32	2918.99	2.91899	3
3	8	16	299	150	17	0.9	0.12	315.577	28.511	1890.503	1795.447	1.795447	3
3	8	17	49	78	15	0.9	0.12	92.505	18.345	535.586	488.54	0.48854	3
3	8	18	0	0	14	0.9	0.12	0	0	0	0	0	3
3	8	19	0	0	13	0.9	0.12	0	13	0	0	0	3
3	8	20	0	0	13	0.9	0.12	0	13	0	0	0	3
3	8	21	0	0	12	0.8	0.12	0	12	0	0	0	3
3	8	22	0	0	12	0.7	0.12	0	12	0	0	0	3
3	8	23	0	0	12	0.8	0.12	0	12	0	0	0	3
3	9	0	0	0	12	0.9	0.12	0	12	0	0	0	3
3	9	1	0	0	12	0.9	0.12	0	12	0	0	0	3
3	9	2	0	0	12	1	0.12	0	12	0	0	0	3
3	9	3	0	0	13	1	0.12	0	13	0	0	0	3
3	9	4	0	0	13	1.2	0.12	0	13	0	0	0	3
3	9	5	0	0	12	1.4	0.12	0	12	0	0	0	3
3	9	6	0	0	12	1.4	0.12	0	12	0	0	0	3
3	9	7	0	11	13	1.6	0.12	10.382	13.311	51.527	21.633	0.021633	3
3	9	8	0	8	15	1.9	0.12	7.552	15.218	40.493	10.99	0.01099	3
3	9	9	0	54	16	2.1	0.12	51.135	17.415	294.704	256.194	0.256194	3
3	9	10	0	167	16	2.4	0.12	161.576	20.208	953.602	891.744	0.891744	3
3	9	11	0	135	17	2.6	0.12	129.332	20.241	752.031	697.316	0.697316	3
3	9	12	7	206	17	2.8	0.12	206.623	21.994	1210.319	1139.364	1.139364	3
3	9	13	0	122	16	2.7	0.12	116.54	18.867	677.291	625.224	0.625224	3
3	9	14	8	206	11	2.7	0.12	207.291	16.106	1248.918	1176.596	1.176596	3
3	9	15	81	239	6	2.5	0.12	301.324	13.721	1873.669	1779.21	1.77921	3
3	9	16	0	101	4	2.4	0.12	96.778	6.53	600.645	551.293	0.551293	3
3	9	17	0	52	2	2.4	0.12	49.432	3.291	302.082	263.31	0.26331	3
3	9	18	0	0	0	2.2	0.12	0	0	0	0	0	3
3	9	19	0	0	0	2	0.12	0	0	0	0	0	3
3	9	20	0	0	0	1.9	0.12	0	0	0	0	0	3
3	9	21	0	0	0	1.9	0.12	0	0	0	0	0	3
3	9	22	0	0	-1	1.7	0.12	0	-1	0	0	0	3
3	9	23	0	0	-1	1.4	0.12	0	-1	0	0	0	3
3	10	0	0	0	-2	1.3	0.12	0	-2	0	0	0	3

Month	Day	Hour	Beam Irradiance (W/m ²)	Diffuse Irradiance (W/m ²)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m ²)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
3	10	1	0	0	-2	1.3	0.12	0	-2	0	0	0	3
3	10	2	0	0	-3	1.3	0.12	0	-3	0	0	0	3
3	10	3	0	0	-3	1.3	0.12	0	-3	0	0	0	3
3	10	4	0	0	-3	1.2	0.12	0	-3	0	0	0	3
3	10	5	0	0	-3	1.2	0.12	0	-3	0	0	0	3
3	10	6	0	0	-3	1.2	0.12	0	-3	0	0	0	3
3	10	7	427	30	-2	1.5	0.12	100.825	0.841	458.813	414.487	0.414487	3
3	10	8	760	59	0	1.8	0.12	363.494	10.65	2263.884	2155.597	2.155597	3
3	10	9	891	75	0	2	0.12	619.168	17.583	3927.64	3760.4	3.7604	3
3	10	10	867	118	1	2	0.12	798.226	23.603	4896.797	4695.216	4.695216	3
3	10	11	901	129	2	2	0.12	939.598	28.563	5612.494	5385.553	5.385553	3
3	10	12	919	131	2	2	0.12	1005.953	30.419	5943.988	5705.301	5.705301	3
3	10	13	942	116	3	1.9	0.12	991.408	31.596	5840.489	5605.469	5.605469	3
3	10	14	927	106	3	1.8	0.12	895.904	29.416	5352.653	5134.919	5.134919	3
3	10	15	893	91	2	1.6	0.12	734.42	24.654	4508.842	4321.008	4.321008	3
3	10	16	797	78	1	1.3	0.12	503.957	17.687	3201.373	3059.868	3.059868	3
3	10	17	570	60	0	0.9	0.12	238.91	8.503	1403.682	1325.876	1.325876	3
3	10	18	41	11	-2	0.5	0.12	13.103	-1.572	44.298	14.66	0.01466	3
3	10	19	0	0	-3	0.4	0.12	0	-3	0	0	0	3
3	10	20	0	0	-4	0.3	0.12	0	-4	0	0	0	3
3	10	21	0	0	-4	0.4	0.12	0	-4	0	0	0	3
3	10	22	0	0	-4	0.5	0.12	0	-4	0	0	0	3
3	10	23	0	0	-4	0.6	0.12	0	-4	0	0	0	3
3	11	0	0	0	-4	0.5	0.12	0	-4	0	0	0	3
3	11	1	0	0	-4	0.4	0.12	0	-4	0	0	0	3
3	11	2	0	0	-4	0.3	0.12	0	-4	0	0	0	3
3	11	3	0	0	-5	0.2	0.12	0	-5	0	0	0	3
3	11	4	0	0	-5	0.3	0.12	0	-5	0	0	0	3
3	11	5	0	0	-4	0.5	0.12	0	-4	0	0	0	3
3	11	6	0	0	-3	0.6	0.12	0	-3	0	0	0	3
3	11	7	253	40	-2	0.8	0.12	84.567	0.933	420.215	377.257	0.377257	3
3	11	8	599	86	0	0.9	0.12	332.383	12.035	2065.143	1963.899	1.963899	3
3	11	9	583	126	1	0.9	0.12	495.01	19.062	3104.79	2966.707	2.966707	3
3	11	10	630	163	4	0.9	0.12	672.005	28.457	4037.35	3866.223	3.866223	3
3	11	11	672	189	6	1	0.12	811.492	34.737	4727.047	4531.481	4.531481	3
3	11	12	615	231	7	1.1	0.12	839.854	35.974	4848.32	4648.457	4.648457	3
3	11	13	605	230	8	1.1	0.12	820.937	36.325	4735.98	4540.098	4.540098	3
3	11	14	707	163	8	1	0.12	785.643	35.843	4570.433	4380.416	4.380416	3
3	11	15	474	195	7	0.8	0.12	552.834	27.661	3330.218	3184.147	3.184147	3
3	11	16	200	166	5	0.5	0.12	276.658	16.255	1726.66	1637.409	1.637409	3
3	11	17	70	83	3	0.4	0.12	106.528	7.426	646.91	595.92	0.59592	3
3	11	18	0	7	2	0.7	0.12	6.789	2.225	25.104	0	0	3
3	11	19	0	0	2	0.9	0.12	0	2	0	0	0	3

Month	Day	Hour	Beam Irradiance (W/m ²)	Diffuse Irradiance (W/m ²)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m ²)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
3	11	20	0	0	1	0.6	0.12	0	1	0	0	0	3
3	11	21	0	0	1	0.5	0.12	0	1	0	0	0	3
3	11	22	0	0	2	0.7	0.12	0	2	0	0	0	3
3	11	23	0	0	3	0.5	0.12	0	3	0	0	0	3
3	12	0	0	0	3	0.4	0.12	0	3	0	0	0	3
3	12	1	0	0	3	0.5	0.12	0	3	0	0	0	3
3	12	2	0	0	2	0.5	0.12	0	2	0	0	0	3
3	12	3	0	0	1	0.6	0.12	0	1	0	0	0	3
3	12	4	0	0	2	0.6	0.12	0	2	0	0	0	3
3	12	5	0	0	2	0.6	0.12	0	2	0	0	0	3
3	12	6	0	0	2	0.5	0.12	0	2	0	0	0	3
3	12	7	0	4	3	0.3	0.12	3.771	3.16	19.539	0	0	3
3	12	8	0	73	3	0.3	0.12	69.569	5.999	428.81	385.547	0.385547	3
3	12	9	0	128	5	0.4	0.12	123.123	10.138	755.922	701.069	0.701069	3
3	12	10	10	203	6	0.4	0.12	205.454	14.553	1249.407	1177.067	1.177067	3
3	12	11	26	271	8	0.4	0.12	289.572	20.038	1731.67	1642.242	1.642242	3
3	12	12	45	320	10	0.3	0.12	371.905	25.93	2183.004	2077.584	2.077584	3
3	12	13	65	332	11	0.3	0.12	402.886	28.264	2351.206	2239.825	2.239825	3
3	12	14	23	252	11	0.2	0.12	266.741	22.801	1577.735	1493.761	1.493761	3
3	12	15	161	253	10	0.2	0.12	380.042	26.878	2263.892	2155.606	2.155606	3
3	12	16	0	113	9	0.2	0.12	108.608	13.827	657.178	605.823	0.605823	3
3	12	17	0	72	8	0.3	0.12	69.34	10.986	416.827	373.989	0.373989	3
3	12	18	0	4	7	0.4	0.12	3.879	7.14	13.628	0	0	3
3	12	19	0	0	7	0.5	0.12	0	7	0	0	0	3
3	12	20	0	0	7	0.5	0.12	0	7	0	0	0	3
3	12	21	0	0	6	0.4	0.12	0	6	0	0	0	3
3	12	22	0	0	4	0.4	0.12	0	4	0	0	0	3
3	12	23	0	0	4	0.4	0.12	0	4	0	0	0	3
3	13	0	0	0	4	0.3	0.12	0	4	0	0	0	3
3	13	1	0	0	4	0.2	0.12	0	4	0	0	0	3
3	13	2	0	0	4	0.2	0.12	0	4	0	0	0	3
3	13	3	0	0	5	0.2	0.12	0	5	0	0	0	3
3	13	4	0	0	4	0.2	0.12	0	4	0	0	0	3
3	13	5	0	0	4	0.2	0.12	0	4	0	0	0	3
3	13	6	0	0	4	0.2	0.12	0	4	0	0	0	3
3	13	7	0	3	5	0.3	0.12	2.828	5.12	14.423	0	0	3
3	13	8	0	76	7	0.5	0.12	72.491	9.944	440.476	396.8	0.3968	3
3	13	9	36	188	10	0.6	0.12	211.589	18.337	1284.008	1210.443	1.210443	3
3	13	10	5	187	13	0.5	0.12	185.265	20.487	1096.276	1029.363	1.029363	3
3	13	11	151	340	15	0.5	0.12	495.732	35.036	2841.125	2712.384	2.712384	3
3	13	12	365	331	16	0.5	0.12	704.628	44.502	3910.668	3744.03	3.74403	3
3	13	13	856	142	17	0.7	0.12	954.301	53.578	5138.578	4928.43	4.92843	3
3	13	14	834	134	17	0.8	0.12	859.393	49.094	4740.226	4544.193	4.544193	3

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
3	13	15	783	120	16	0.7	0.12	695.024	42.721	3967.462	3798.811	3.798811	3
3	13	16	684	101	15	0.5	0.12	474.128	34.337	2816.976	2689.092	2.689092	3
3	13	17	238	81	11	0.5	0.12	157.57	17.315	910.745	850.406	0.850406	3
3	13	18	0	15	8	0.7	0.12	14.548	8.481	54.056	24.073	0.024073	3
3	13	19	0	0	7	0.8	0.12	0	7	0	0	0	3
3	13	20	0	0	7	0.9	0.12	0	7	0	0	0	3
3	13	21	0	0	7	1	0.12	0	7	0	0	0	3
3	13	22	0	0	6	1	0.12	0	6	0	0	0	3
3	13	23	0	0	5	1	0.12	0	5	0	0	0	3
3	14	0	0	0	4	0.9	0.12	0	4	0	0	0	3
3	14	1	0	0	4	0.7	0.12	0	4	0	0	0	3
3	14	2	0	0	3	0.7	0.12	0	3	0	0	0	3
3	14	3	0	0	3	0.7	0.12	0	3	0	0	0	3
3	14	4	0	0	3	0.8	0.12	0	3	0	0	0	3
3	14	5	0	0	3	0.8	0.12	0	3	0	0	0	3
3	14	6	0	0	4	0.6	0.12	0	4	0	0	0	3
3	14	7	71	40	6	0.4	0.12	52.569	8.125	281.727	243.676	0.243676	3
3	14	8	209	120	8	0.6	0.12	211.344	16.323	1290.162	1216.378	1.216378	3
3	14	9	592	129	11	0.8	0.12	508.964	30.062	3059.352	2922.879	2.922879	3
3	14	10	705	172	14	1	0.12	744.7	40.41	4266.279	4087.04	4.08704	3
3	14	11	783	168	16	1.1	0.12	892.023	46.81	4947.834	4744.444	4.744444	3
3	14	12	515	274	17	1.2	0.12	793.985	43.71	4433.367	4248.207	4.248207	3
3	14	13	619	239	17	1.2	0.12	846.694	45.502	4702.664	4507.962	4.507962	3
3	14	14	367	290	17	1.2	0.12	626.03	38.071	3581.895	3426.907	3.426907	3
3	14	15	284	244	17	1.1	0.12	464.864	33.061	2721.065	2596.579	2.596579	3
3	14	16	348	153	16	0.9	0.12	345.449	28.601	2073.631	1972.086	1.972086	3
3	14	17	31	85	14	0.8	0.12	93.747	17.489	550.445	502.873	0.502873	3
3	14	18	0	8	13	0.7	0.12	7.759	13.257	27.323	0	0	3
3	14	19	0	0	12	0.7	0.12	0	12	0	0	0	3
3	14	20	0	0	12	0.8	0.12	0	12	0	0	0	3
3	14	21	0	0	11	0.8	0.12	0	11	0	0	0	3
3	14	22	0	0	11	0.8	0.12	0	11	0	0	0	3
3	14	23	0	0	11	0.8	0.12	0	11	0	0	0	3
3	15	0	0	0	11	0.8	0.12	0	11	0	0	0	3
3	15	1	0	0	11	0.8	0.12	0	11	0	0	0	3
3	15	2	0	0	12	0.8	0.12	0	12	0	0	0	3
3	15	3	0	0	12	0.8	0.12	0	12	0	0	0	3
3	15	4	0	0	12	0.8	0.12	0	12	0	0	0	3
3	15	5	0	0	12	0.8	0.12	0	12	0	0	0	3
3	15	6	0	0	12	0.8	0.12	0	12	0	0	0	3
3	15	7	224	40	13	0.9	0.12	82.28	15.826	403.745	361.371	0.361371	3
3	15	8	259	118	15	1.1	0.12	229.803	22.93	1370.025	1293.412	1.293412	3
3	15	9	124	213	16	1.2	0.12	298.104	26.053	1778.421	1687.337	1.687337	3

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
3	15	10	0	116	17	1.3	0.12	110.657	20.627	641.42	590.624	0.590624	3
3	15	11	0	33	18	1.2	0.12	31.286	19.048	171.797	137.642	0.137642	3
3	15	12	6	201	19	1.2	0.12	200.347	25.71	1152.768	1083.853	1.083853	3
3	15	13	12	239	19	1.1	0.12	244.247	27.386	1406.607	1328.697	1.328697	3
3	15	14	12	227	18	1	0.12	231.509	26.16	1343.251	1267.586	1.267586	3
3	15	15	0	133	17	0.7	0.12	127.504	21.873	742.291	687.92	0.68792	3
3	15	16	0	74	16	0.4	0.12	70.128	18.93	408.085	365.557	0.365557	3
3	15	17	284	96	15	0.4	0.12	187.515	22.743	1068.549	1002.618	1.002618	3
3	15	18	0	13	14	0.6	0.12	12.608	14.429	45.208	15.538	0.015538	3
3	15	19	0	0	12	0.7	0.12	0	12	0	0	0	3
3	15	20	0	0	11	0.7	0.12	0	11	0	0	0	3
3	15	21	0	0	10	0.7	0.12	0	10	0	0	0	3
3	15	22	0	0	10	0.7	0.12	0	10	0	0	0	3
3	15	23	0	0	9	0.8	0.12	0	9	0	0	0	3
3	16	0	0	0	8	0.8	0.12	0	8	0	0	0	3
3	16	1	0	0	6	0.9	0.12	0	6	0	0	0	3
3	16	2	0	0	5	1	0.12	0	5	0	0	0	3
3	16	3	0	0	4	1.1	0.12	0	4	0	0	0	3
3	16	4	0	0	3	1.1	0.12	0	3	0	0	0	3
3	16	5	0	0	3	1	0.12	0	3	0	0	0	3
3	16	6	0	0	3	1.1	0.12	0	3	0	0	0	3
3	16	7	0	8	3	1.2	0.12	7.546	3.252	41.31	11.778	0.011778	3
3	16	8	0	61	4	1.1	0.12	57.773	5.998	353.531	312.936	0.312936	3
3	16	9	0	110	5	1.2	0.12	105.051	8.536	644.4	593.499	0.593499	3
3	16	10	0	124	6	1.3	0.12	118.481	9.883	718.692	665.158	0.665158	3
3	16	11	5	191	7	1.3	0.12	189.193	13.191	1144.226	1075.613	1.075613	3
3	16	12	1	157	8	1.2	0.12	151.815	13.084	909.158	848.875	0.848875	3
3	16	13	14	253	9	1.1	0.12	260.286	17.936	1558.463	1475.172	1.475172	3
3	16	14	41	286	9	0.9	0.12	326.971	20.829	1958.805	1861.329	1.861329	3
3	16	15	35	229	8	0.9	0.12	256.734	17.308	1561.421	1478.026	1.478026	3
3	16	16	452	137	7	0.9	0.12	389.596	21.218	2416.829	2303.123	2.303123	3
3	16	17	157	90	6	0.8	0.12	142.683	11.281	853.912	795.587	0.795587	3
3	16	18	0	13	4	0.7	0.12	12.291	4.406	46.144	16.441	0.016441	3
3	16	19	0	0	3	0.7	0.12	0	3	0	0	0	3
3	16	20	0	0	2	0.7	0.12	0	2	0	0	0	3
3	16	21	0	0	2	0.8	0.12	0	2	0	0	0	3
3	16	22	0	0	2	1	0.12	0	2	0	0	0	3
3	16	23	0	0	2	0.8	0.12	0	2	0	0	0	3
3	17	0	0	0	2	0.7	0.12	0	2	0	0	0	3
3	17	1	0	0	1	0.7	0.12	0	1	0	0	0	3
3	17	2	0	0	1	0.8	0.12	0	1	0	0	0	3
3	17	3	0	0	1	0.9	0.12	0	1	0	0	0	3
3	17	4	0	0	1	1.1	0.12	0	1	0	0	0	3

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
3	17	5	0	0	1	1.1	0.12	0	1	0	0	0	3
3	17	6	0	0	2	0.8	0.12	0	2	0	0	0	3
3	17	7	0	7	2	0.6	0.12	6.602	2.258	36.231	6.879	0.006879	3
3	17	8	0	81	4	0.7	0.12	77.239	6.964	476.002	431.067	0.431067	3
3	17	9	0	102	6	0.9	0.12	97.167	9.525	591.814	542.776	0.542776	3
3	17	10	3	182	8	0.8	0.12	178.37	14.627	1076.925	1010.698	1.010698	3
3	17	11	0	127	9	0.7	0.12	121.361	13.625	721.158	667.537	0.667537	3
3	17	12	5	190	10	0.5	0.12	188.318	17.589	1116.233	1048.612	1.048612	3
3	17	13	9	221	10	0.4	0.12	223.09	19.262	1322.179	1247.261	1.247261	3
3	17	14	7	203	10	0.6	0.12	202.798	17.953	1209.38	1138.459	1.138459	3
3	17	15	28	224	10	0.6	0.12	246.212	19.68	1480.982	1400.437	1.400437	3
3	17	16	0	135	9	0.5	0.12	130.322	14.285	791.401	735.291	0.735291	3
3	17	17	119	92	8	0.2	0.12	130.215	13.749	773.949	718.457	0.718457	3
3	17	18	0	9	8	0.2	0.12	8.498	8.326	30.775	1.617	0.001617	3
3	17	19	0	0	8	0.6	0.12	0	8	0	0	0	3
3	17	20	0	0	8	0.8	0.12	0	8	0	0	0	3
3	17	21	0	0	8	0.6	0.12	0	8	0	0	0	3
3	17	22	0	0	8	0.5	0.12	0	8	0	0	0	3
3	17	23	0	0	8	0.5	0.12	0	8	0	0	0	3
3	18	0	0	0	8	0.5	0.12	0	8	0	0	0	3
3	18	1	0	0	7	0.4	0.12	0	7	0	0	0	3
3	18	2	0	0	7	0.2	0.12	0	7	0	0	0	3
3	18	3	0	0	7	0.2	0.12	0	7	0	0	0	3
3	18	4	0	0	7	0.2	0.12	0	7	0	0	0	3
3	18	5	0	0	7	0.2	0.12	0	7	0	0	0	3
3	18	6	0	0	7	0.3	0.12	0	7	0	0	0	3
3	18	7	106	49	7	0.4	0.12	70.194	9.846	381.542	339.954	0.339954	3
3	18	8	0	91	7	0.5	0.12	87.077	10.536	531.342	484.446	0.484446	3
3	18	9	7	169	7	0.4	0.12	168.169	14.015	1026.099	961.672	0.961672	3
3	18	10	26	245	9	0.4	0.12	260.295	19.833	1560.024	1476.678	1.476678	3
3	18	11	136	352	11	0.5	0.12	495.576	31.017	2879.475	2749.376	2.749376	3
3	18	12	404	330	13	0.5	0.12	743.019	43.05	4145.937	3970.962	3.970962	3
3	18	13	519	274	14	0.6	0.12	793.148	45.199	4400.384	4216.393	4.216393	3
3	18	14	328	307	14	0.6	0.12	612.702	38.102	3497.247	3345.257	3.345257	3
3	18	15	372	233	13	0.6	0.12	516.079	33.353	3025.166	2889.905	2.889905	3
3	18	16	20	158	11	0.4	0.12	164.044	17.855	991.58	928.377	0.928377	3
3	18	17	65	93	9	0.3	0.12	111.961	13.804	668.336	616.586	0.616586	3
3	18	18	0	13	8	0.5	0.12	12.288	8.43	45.256	15.585	0.015585	3
3	18	19	0	0	7	0.6	0.12	0	7	0	0	0	3
3	18	20	0	0	7	0.6	0.12	0	7	0	0	0	3
3	18	21	0	0	6	0.5	0.12	0	6	0	0	0	3
3	18	22	0	0	6	0.5	0.12	0	6	0	0	0	3
3	18	23	0	0	5	0.6	0.12	0	5	0	0	0	3

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
3	19	0	0	0	5	0.6	0.12	0	5	0	0	0	3
3	19	1	0	0	5	0.6	0.12	0	5	0	0	0	3
3	19	2	0	0	5	0.6	0.12	0	5	0	0	0	3
3	19	3	0	0	5	0.6	0.12	0	5	0	0	0	3
3	19	4	0	0	5	0.7	0.12	0	5	0	0	0	3
3	19	5	0	0	5	0.6	0.12	0	5	0	0	0	3
3	19	6	0	0	5	0.6	0.12	0	5	0	0	0	3
3	19	7	0	12	5	0.7	0.12	11.325	5.431	63.119	32.814	0.032814	3
3	19	8	0	59	6	0.8	0.12	55.871	8.087	338.418	298.359	0.298359	3
3	19	9	5	166	7	0.9	0.12	163.797	12.943	1002.155	938.576	0.938576	3
3	19	10	14	222	7	1.1	0.12	227.265	14.818	1381.657	1304.631	1.304631	3
3	19	11	7	207	8	1.2	0.12	206.881	14.932	1245.33	1173.135	1.173135	3
3	19	12	7	202	8	1.3	0.12	202.125	14.608	1214.312	1143.216	1.143216	3
3	19	13	6	201	9	1.2	0.12	200.102	15.702	1197.514	1127.013	1.127013	3
3	19	14	9	217	9	1	0.12	218.48	16.698	1311.766	1237.217	1.237217	3
3	19	15	1	167	9	0.9	0.12	161.857	14.862	976.498	913.829	0.913829	3
3	19	16	0	133	8	0.9	0.12	128.145	12.655	782.358	726.568	0.726568	3
3	19	17	0	73	8	0.8	0.12	69.827	10.607	421.656	378.647	0.378647	3
3	19	18	0	6	7	0.8	0.12	5.659	7.182	20.218	0	0	3
3	19	19	0	0	7	0.7	0.12	0	7	0	0	0	3
3	19	20	0	0	7	0.6	0.12	0	7	0	0	0	3
3	19	21	0	0	7	0.6	0.12	0	7	0	0	0	3
3	19	22	0	0	7	0.5	0.12	0	7	0	0	0	3
3	19	23	0	0	7	0.4	0.12	0	7	0	0	0	3
3	20	0	0	0	7	0.3	0.12	0	7	0	0	0	3
3	20	1	0	0	7	0.3	0.12	0	7	0	0	0	3
3	20	2	0	0	7	0.4	0.12	0	7	0	0	0	3
3	20	3	0	0	6	0.4	0.12	0	6	0	0	0	3
3	20	4	0	0	6	0.4	0.12	0	6	0	0	0	3
3	20	5	0	0	6	0.5	0.12	0	6	0	0	0	3
3	20	6	0	0	6	0.6	0.12	0	6	0	0	0	3
3	20	7	0	19	6	0.6	0.12	17.947	6.704	101.753	70.079	0.070079	3
3	20	8	0	68	6	0.7	0.12	64.428	8.472	391.753	349.803	0.349803	3
3	20	9	43	207	7	0.9	0.12	235.156	15.537	1443.555	1364.336	1.364336	3
3	20	10	7	200	8	1	0.12	199.401	15.031	1205.436	1134.654	1.134654	3
3	20	11	33	300	9	1.1	0.12	335.793	20.534	2007.053	1907.867	1.907867	3
3	20	12	31	314	9	1.2	0.12	350.569	20.742	2090.203	1988.071	1.988071	3
3	20	13	28	303	9	1.3	0.12	335.411	19.972	2004.992	1905.879	1.905879	3
3	20	14	51	304	10	1.2	0.12	354.029	21.878	2114.901	2011.894	2.011894	3
3	20	15	22	220	9	1.1	0.12	230.362	16.934	1396.056	1318.52	1.31852	3
3	20	16	0	132	8	0.8	0.12	127.067	12.739	775.105	719.572	0.719572	3
3	20	17	0	83	7	0.6	0.12	79.715	10.144	484.876	439.627	0.439627	3
3	20	18	0	10	6	0.4	0.12	9.442	6.34	34.702	5.404	0.005404	3

Month	Day	Hour	Beam Irradiance (W/m ²)	Diffuse Irradiance (W/m ²)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m ²)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
3	20	19	0	0	6	0.3	0.12	0	6	0	0	0	3
3	20	20	0	0	5	0.3	0.12	0	5	0	0	0	3
3	20	21	0	0	5	0.3	0.12	0	5	0	0	0	3
3	20	22	0	0	4	0.2	0.12	0	4	0	0	0	3
3	20	23	0	0	3	0.2	0.12	0	3	0	0	0	3
3	21	0	0	0	2	0.3	0.12	0	2	0	0	0	3
3	21	1	0	0	2	0.4	0.12	0	2	0	0	0	3
3	21	2	0	0	1	0.4	0.12	0	1	0	0	0	3
3	21	3	0	0	0	0.3	0.12	0	0	0	0	0	3
3	21	4	0	0	0	0.2	0.12	0	0	0	0	0	3
3	21	5	0	0	0	0.3	0.12	0	0	0	0	0	3
3	21	6	0	0	1	0.4	0.12	0	1	0	0	0	3
3	21	7	344	58	3	0.6	0.12	127.1	7.778	673.179	621.258	0.621258	3
3	21	8	606	101	5	0.8	0.12	369.808	18.792	2272.629	2164.033	2.164033	3
3	21	9	744	122	8	1.1	0.12	609.368	29.123	3678.203	3519.802	3.519802	3
3	21	10	80	294	9	1.2	0.12	363.177	21.2	2186.573	2081.026	2.081026	3
3	21	11	125	359	10	1.5	0.12	493.171	25.429	2924.049	2792.37	2.79237	3
3	21	12	14	258	8	1.7	0.12	265.12	15.921	1597.079	1512.421	1.512421	3
3	21	13	2	164	5	1.9	0.12	159.536	9.569	969.623	907.197	0.907197	3
3	21	14	5	197	3	1.8	0.12	194.822	8.705	1200.721	1130.107	1.130107	3
3	21	15	24	224	1	1.8	0.12	235.764	7.921	1478.918	1398.446	1.398446	3
3	21	16	0	100	0	1.8	0.12	95.343	2.806	598.319	549.05	0.54905	3
3	21	17	0	66	-1	1.6	0.12	62.832	0.933	393.035	351.04	0.35104	3
3	21	18	0	10	-2	1.4	0.12	9.441	-1.738	36.057	6.711	0.006711	3
3	21	19	0	0	-2	1.4	0.12	0	-2	0	0	0	3
3	21	20	0	0	-3	1.4	0.12	0	-3	0	0	0	3
3	21	21	0	0	-4	1.3	0.12	0	-4	0	0	0	3
3	21	22	0	0	-5	1.2	0.12	0	-5	0	0	0	3
3	21	23	0	0	-5	1	0.12	0	-5	0	0	0	3
3	22	0	0	0	-6	0.8	0.12	0	-6	0	0	0	3
3	22	1	0	0	-6	0.8	0.12	0	-6	0	0	0	3
3	22	2	0	0	-6	0.8	0.12	0	-6	0	0	0	3
3	22	3	0	0	-6	0.8	0.12	0	-6	0	0	0	3
3	22	4	0	0	-6	0.8	0.12	0	-6	0	0	0	3
3	22	5	0	0	-6	0.8	0.12	0	-6	0	0	0	3
3	22	6	0	0	-6	0.9	0.12	0	-6	0	0	0	3
3	22	7	477	49	-5	1	0.12	145.831	-0.121	776.984	721.385	0.721385	3
3	22	8	285	132	-4	1	0.12	260.129	5.215	1671.342	1584.051	1.584051	3
3	22	9	837	100	-3	1.1	0.12	645.24	19.372	4044.61	3873.225	3.873225	3
3	22	10	895	113	-1	1.1	0.12	844.857	28.222	5072.166	4864.371	4.864371	3
3	22	11	927	121	0	1.2	0.12	975.832	32.888	5712.103	5481.633	5.481633	3
3	22	12	937	124	0	1.2	0.12	1033.31	34.804	5983.334	5743.253	5.743253	3
3	22	13	928	125	1	1.3	0.12	1010.494	34.239	5870.918	5634.82	5.63482	3

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
3	22	14	898	123	1	1.3	0.12	914.088	31.098	5404.384	5184.817	5.184817	3
3	22	15	845	115	1	1.2	0.12	740.955	26.035	4506.505	4318.753	4.318753	3
3	22	16	753	99	0	1.1	0.12	514.939	17.877	3257.179	3113.696	3.113696	3
3	22	17	588	71	0	0.8	0.12	261.861	9.614	1560.765	1477.393	1.477393	3
3	22	18	189	23	-1	0.6	0.12	36.266	0.063	111.689	79.663	0.079663	3
3	22	19	0	0	-2	0.6	0.12	0	-2	0	0	0	3
3	22	20	0	0	-3	0.6	0.12	0	-3	0	0	0	3
3	22	21	0	0	-3	0.5	0.12	0	-3	0	0	0	3
3	22	22	0	0	-3	0.5	0.12	0	-3	0	0	0	3
3	22	23	0	0	-3	0.5	0.12	0	-3	0	0	0	3
3	23	0	0	0	-3	0.5	0.12	0	-3	0	0	0	3
3	23	1	0	0	-3	0.5	0.12	0	-3	0	0	0	3
3	23	2	0	0	-3	0.5	0.12	0	-3	0	0	0	3
3	23	3	0	0	-3	0.5	0.12	0	-3	0	0	0	3
3	23	4	0	0	-3	0.6	0.12	0	-3	0	0	0	3
3	23	5	0	0	-4	0.6	0.12	0	-4	0	0	0	3
3	23	6	0	0	-3	0.7	0.12	0	-3	0	0	0	3
3	23	7	497	50	-1	0.9	0.12	152.293	4.236	802.708	746.197	0.746197	3
3	23	8	781	72	1	1	0.12	418.172	15.81	2607.698	2487.229	2.487229	3
3	23	9	900	84	3	1.1	0.12	670.433	26.249	4098.403	3925.113	3.925113	3
3	23	10	946	95	5	1.2	0.12	863.496	34.149	5068.81	4861.134	4.861134	3
3	23	11	959	104	6	1.3	0.12	988.533	38.533	5660.357	5431.72	5.43172	3
3	23	12	956	111	7	1.3	0.12	1039.197	41.178	5868.092	5632.094	5.632094	3
3	23	13	942	113	8	1.4	0.12	1012.18	40.528	5737.455	5506.086	5.506086	3
3	23	14	914	110	8	1.3	0.12	909.182	37.939	5236.25	5022.641	5.022641	3
3	23	15	861	104	8	1.2	0.12	741.612	33.058	4391.73	4208.046	4.208046	3
3	23	16	764	92	7	0.9	0.12	513.955	25.772	3156.594	3016.675	3.016675	3
3	23	17	584	70	3	0.5	0.12	260.032	13.381	1528.991	1446.744	1.446744	3
3	23	18	191	24	0	0.4	0.12	37.086	1.154	113.97	81.864	0.081864	3
3	23	19	0	0	0	0.4	0.12	0	0	0	0	0	3
3	23	20	0	0	0	0.4	0.12	0	0	0	0	0	3
3	23	21	0	0	0	0.4	0.12	0	0	0	0	0	3
3	23	22	0	0	0	0.4	0.12	0	0	0	0	0	3
3	23	23	0	0	0	0.3	0.12	0	0	0	0	0	3
3	24	0	0	0	0	0.3	0.12	0	0	0	0	0	3
3	24	1	0	0	0	0.3	0.12	0	0	0	0	0	3
3	24	2	0	0	0	0.4	0.12	0	0	0	0	0	3
3	24	3	0	0	0	0.5	0.12	0	0	0	0	0	3
3	24	4	0	0	0	0.3	0.12	0	0	0	0	0	3
3	24	5	0	0	0	0.3	0.12	0	0	0	0	0	3
3	24	6	0	0	0	0.4	0.12	0	0	0	0	0	3
3	24	7	0	41	1	0.5	0.12	38.834	2.57	233.386	197.048	0.197048	3
3	24	8	35	139	3	0.4	0.12	152.803	9.388	953.97	892.099	0.892099	3

Month	Day	Hour	Beam Irradiance (W/m ²)	Diffuse Irradiance (W/m ²)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m ²)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
3	24	9	416	197	4	0.3	0.12	481.617	24.777	2929.16	2797.3	2.7973	3
3	24	10	34	269	6	0.3	0.12	299.323	18.836	1804.434	1712.427	1.712427	3
3	24	11	22	283	10	0.3	0.12	297.122	22.719	1752.575	1662.407	1.662407	3
3	24	12	17	277	13	0.4	0.12	287.066	24.912	1672.689	1585.351	1.585351	3
3	24	13	518	287	14	0.4	0.12	810.281	47.766	4440.18	4254.779	4.254779	3
3	24	14	490	263	15	0.5	0.12	715.155	43.966	3996.839	3827.148	3.827148	3
3	24	15	374	244	16	0.4	0.12	530.41	38.16	3045.722	2909.732	2.909732	3
3	24	16	652	118	15	0.3	0.12	482.12	35.858	2838.18	2709.544	2.709544	3
3	24	17	400	81	13	0.4	0.12	212.281	21.755	1214.109	1143.021	1.143021	3
3	24	18	77	25	11	0.7	0.12	29.728	11.951	104.744	72.964	0.072964	3
3	24	19	0	0	9	0.8	0.12	0	9	0	0	0	3
3	24	20	0	0	7	0.6	0.12	0	7	0	0	0	3
3	24	21	0	0	6	0.3	0.12	0	6	0	0	0	3
3	24	22	0	0	5	0.4	0.12	0	5	0	0	0	3
3	24	23	0	0	5	0.5	0.12	0	5	0	0	0	3
3	25	0	0	0	4	0.6	0.12	0	4	0	0	0	3
3	25	1	0	0	4	0.7	0.12	0	4	0	0	0	3
3	25	2	0	0	3	0.9	0.12	0	3	0	0	0	3
3	25	3	0	0	3	1	0.12	0	3	0	0	0	3
3	25	4	0	0	2	1.1	0.12	0	2	0	0	0	3
3	25	5	0	0	2	1.2	0.12	0	2	0	0	0	3
3	25	6	0	0	2	1.1	0.12	0	2	0	0	0	3
3	25	7	0	16	2	1	0.12	15.107	2.534	87.485	56.317	0.056317	3
3	25	8	0	37	3	0.9	0.12	34.998	4.273	211.1	175.552	0.175552	3
3	25	9	0	80	3	0.8	0.12	75.856	5.823	463.15	418.671	0.418671	3
3	25	10	4	186	4	0.7	0.12	182.679	10.969	1116.451	1048.823	1.048823	3
3	25	11	79	355	4	0.6	0.12	435.985	21.093	2615.534	2494.787	2.494787	3
3	25	12	2	161	6	0.5	0.12	156.556	12.305	939.219	877.871	0.877871	3
3	25	13	16	269	7	0.4	0.12	277.656	18.523	1657.977	1571.16	1.57116	3
3	25	14	1	163	7	0.5	0.12	157.441	13.349	945.512	883.94	0.88394	3
3	25	15	27	233	6	0.8	0.12	246.639	15.173	1506.157	1424.72	1.42472	3
3	25	16	48	181	4	0.9	0.12	206.065	11.49	1285.854	1212.223	1.212223	3
3	25	17	0	58	3	0.9	0.12	54.954	4.999	336.785	296.783	0.296783	3
3	25	18	0	7	2	0.9	0.12	6.603	2.219	27.772	0	0	3
3	25	19	0	0	1	0.9	0.12	0	1	0	0	0	3
3	25	20	0	0	0	1	0.12	0	0	0	0	0	3
3	25	21	0	0	0	1	0.12	0	0	0	0	0	3
3	25	22	0	0	0	0.9	0.12	0	0	0	0	0	3
3	25	23	0	0	0	0.7	0.12	0	0	0	0	0	3
3	26	0	0	0	0	0.7	0.12	0	0	0	0	0	3
3	26	1	0	0	0	0.7	0.12	0	0	0	0	0	3
3	26	2	0	0	1	0.8	0.12	0	1	0	0	0	3
3	26	3	0	0	0	0.7	0.12	0	0	0	0	0	3

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
3	26	4	0	0	0	0.6	0.12	0	0	0	0	0	3
3	26	5	0	0	1	0.5	0.12	0	1	0	0	0	3
3	26	6	0	0	1	0.6	0.12	0	1	0	0	0	3
3	26	7	33	64	1	0.7	0.12	68.977	3.622	413.775	371.045	0.371045	3
3	26	8	0	25	2	0.6	0.12	23.634	2.932	141.039	107.973	0.107973	3
3	26	9	11	187	3	0.5	0.12	188.123	10.614	1163.843	1094.536	1.094536	3
3	26	10	0	45	4	0.6	0.12	42.662	5.673	252.3	215.292	0.215292	3
3	26	11	4	179	3	0.8	0.12	176	9.524	1073.739	1007.624	1.007624	3
3	26	12	34	330	2	1	0.12	369.421	14.997	2249.975	2142.181	2.142181	3
3	26	13	3	171	2	1	0.12	167.279	7.883	1023.642	959.302	0.959302	3
3	26	14	1	158	2	1	0.12	152.488	7.369	935.87	874.64	0.87464	3
3	26	15	0	77	2	1	0.12	73.031	4.577	445.099	401.26	0.40126	3
3	26	16	4	151	1	0.9	0.12	147.708	6.364	927.165	866.244	0.866244	3
3	26	17	291	125	0	0.8	0.12	220.268	8.15	1350.74	1274.81	1.27481	3
3	26	18	47	28	0	0.7	0.12	30.353	1.052	134.45	101.618	0.101618	3
3	26	19	0	0	0	0.6	0.12	0	0	0	0	0	3
3	26	20	0	0	0	0.5	0.12	0	0	0	0	0	3
3	26	21	0	0	-1	0.5	0.12	0	-1	0	0	0	3
3	26	22	0	0	-1	0.5	0.12	0	-1	0	0	0	3
3	26	23	0	0	-2	0.5	0.12	0	-2	0	0	0	3
3	27	0	0	0	-2	0.5	0.12	0	-2	0	0	0	3
3	27	1	0	0	-2	0.4	0.12	0	-2	0	0	0	3
3	27	2	0	0	-2	0.4	0.12	0	-2	0	0	0	3
3	27	3	0	0	-3	0.4	0.12	0	-3	0	0	0	3
3	27	4	0	0	-3	0.4	0.12	0	-3	0	0	0	3
3	27	5	0	0	-3	0.4	0.12	0	-3	0	0	0	3
3	27	6	0	0	-2	0.4	0.12	0	0	0	0	0	3
3	27	7	462	59	-1	0.5	0.12	160.272	5.221	872.816	813.82	0.81382	3
3	27	8	0	85	1	0.5	0.12	80.817	4.28	503.16	457.263	0.457263	3
3	27	9	35	217	3	0.6	0.12	239.692	12.43	1484.854	1404.171	1.404171	3
3	27	10	358	290	4	0.6	0.12	600.465	27.63	3575.616	3420.85	3.42085	3
3	27	11	368	339	5	0.6	0.12	704.148	32.667	4091.046	3918.016	3.918016	3
3	27	12	958	115	6	0.6	0.12	1052.657	47.452	5787.032	5553.907	5.553907	3
3	27	13	956	112	7	0.7	0.12	1030.18	46.462	5694.163	5464.328	5.464328	3
3	27	14	935	108	7	0.7	0.12	929.787	42.655	5249.183	5035.115	5.035115	3
3	27	15	889	100	6	0.7	0.12	761.039	35.24	4464.878	4278.602	4.278602	3
3	27	16	803	88	5	0.6	0.12	532.385	26.09	3265.417	3121.642	3.121642	3
3	27	17	636	69	3	0.4	0.12	277.005	14.393	1627.264	1541.535	1.541535	3
3	27	18	248	28	1	0.3	0.12	46.807	2.695	177.899	143.527	0.143527	3
3	27	19	0	0	0	0.3	0.12	0	0	0	0	0	3
3	27	20	0	0	-1	0.3	0.12	0	-1	0	0	0	3
3	27	21	0	0	-2	0.3	0.12	0	-2	0	0	0	3
3	27	22	0	0	-2	0.3	0.12	0	-2	0	0	0	3

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
3	27	23	0	0	-3	0.3	0.12	0	-3	0	0	0	3
3	28	0	0	0	-3	0.3	0.12	0	-3	0	0	0	3
3	28	1	0	0	-3	0.3	0.12	0	-3	0	0	0	3
3	28	2	0	0	-3	0.3	0.12	0	-3	0	0	0	3
3	28	3	0	0	-3	0.3	0.12	0	-3	0	0	0	3
3	28	4	0	0	-3	0.3	0.12	0	-3	0	0	0	3
3	28	5	0	0	-3	0.3	0.12	0	-3	0	0	0	3
3	28	6	0	0	-2	0.4	0.12	0	0	0	0	0	3
3	28	7	407	66	0	0.5	0.12	155.786	6.08	859.539	801.014	0.801014	3
3	28	8	632	105	3	0.7	0.12	398.457	18.291	2470.171	2354.575	2.354575	3
3	28	9	755	127	6	0.7	0.12	636.349	30.465	3812.402	3649.245	3.649245	3
3	28	10	449	274	8	0.7	0.12	666.063	33.502	3884.491	3718.78	3.71878	3
3	28	11	186	379	9	0.6	0.12	570.19	31.372	3309.305	3163.976	3.163976	3
3	28	12	203	403	9	0.6	0.12	622.212	33.401	3578.531	3423.661	3.423661	3
3	28	13	260	385	10	0.6	0.12	663.354	36.031	3786.034	3623.812	3.623812	3
3	28	14	6	196	11	0.6	0.12	194.328	18.615	1150.992	1082.14	1.08214	3
3	28	15	8	197	12	0.6	0.12	196.278	19.708	1167.239	1097.811	1.097811	3
3	28	16	0	141	11	0.4	0.12	135.462	16.654	813.841	756.935	0.756935	3
3	28	17	6	97	10	0.5	0.12	94.868	13.851	572.123	523.783	0.523783	3
3	28	18	0	18	8	0.6	0.12	17.016	8.639	82.237	51.255	0.051255	3
3	28	19	0	0	6	0.4	0.12	0	6	0	0	0	3
3	28	20	0	0	6	0.3	0.12	0	6	0	0	0	3
3	28	21	0	0	6	0.3	0.12	0	6	0	0	0	3
3	28	22	0	0	6	0.3	0.12	0	6	0	0	0	3
3	28	23	0	0	7	0.3	0.12	0	7	0	0	0	3
3	29	0	0	0	7	0.3	0.12	0	7	0	0	0	3
3	29	1	0	0	7	0.3	0.12	0	7	0	0	0	3
3	29	2	0	0	7	0.3	0.12	0	7	0	0	0	3
3	29	3	0	0	7	0.4	0.12	0	7	0	0	0	3
3	29	4	0	0	7	0.3	0.12	0	7	0	0	0	3
3	29	5	0	0	7	0.3	0.12	0	7	0	0	0	3
3	29	6	0	0	7	0.5	0.12	0	0	0	0	0	3
3	29	7	357	71	9	0.6	0.12	151.149	14.76	818.191	761.131	0.761131	3
3	29	8	407	130	12	0.6	0.12	322.431	24.723	1941.701	1844.831	1.844831	3
3	29	9	297	235	15	0.6	0.12	442.022	32.431	2593.343	2473.382	2.473382	3
3	29	10	259	319	18	0.7	0.12	552.049	39.109	3129.401	2990.446	2.990446	3
3	29	11	346	352	19	0.7	0.12	698.827	45.695	3849.026	3684.572	3.684572	3
3	29	12	329	380	19	0.9	0.12	730.266	45.423	4015.97	3845.6	3.8456	3
3	29	13	131	396	20	1.2	0.12	542.101	38.171	3050.101	2913.956	2.913956	3
3	29	14	161	356	20	1.3	0.12	512.456	36.797	2912.437	2781.17	2.78117	3
3	29	15	20	227	20	1.4	0.12	235.057	27.531	1363.524	1287.141	1.287141	3
3	29	16	0	51	19	1.4	0.12	48.29	20.551	273.632	235.868	0.235868	3
3	29	17	0	10	19	1.6	0.12	9.44	19.29	50.148	20.303	0.020303	3

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
3	29	18	0	1	18	1.6	0.12	0.942	18.028	0	0	0	3
3	29	19	0	0	15	1.4	0.13	0	15	0	0	0	3
3	29	20	0	0	10	1.3	0.13	0	10	0	0	0	3
3	29	21	0	0	6	1.1	0.13	0	6	0	0	0	3
3	29	22	0	0	5	0.9	0.13	0	5	0	0	0	3
3	29	23	0	0	5	0.8	0.13	0	5	0	0	0	3
3	30	0	0	0	5	0.6	0.13	0	5	0	0	0	3
3	30	1	0	0	5	0.4	0.13	0	5	0	0	0	3
3	30	2	0	0	5	0.3	0.13	0	5	0	0	0	3
3	30	3	0	0	5	0.2	0.13	0	5	0	0	0	3
3	30	4	0	0	5	0.2	0.13	0	5	0	0	0	3
3	30	5	0	0	5	0.2	0.13	0	5	0	0	0	3
3	30	6	0	0	5	0.3	0.13	0	0	0	0	0	3
3	30	7	374	75	5	0.3	0.13	159.954	11.667	881.347	822.05	0.82205	3
3	30	8	639	109	8	0.3	0.13	409.477	25.659	2472.431	2356.755	2.356755	3
3	30	9	725	115	12	0.2	0.13	607.981	39.091	3517.923	3365.201	3.365201	3
3	30	10	584	217	14	0.3	0.13	718.535	44.926	4012.805	3842.547	3.842547	3
3	30	11	370	346	15	0.5	0.13	715.084	43.906	3968.797	3800.099	3.800099	3
3	30	12	370	372	16	0.6	0.13	761.707	45.901	4183.09	4006.799	4.006799	3
3	30	13	343	368	16	0.5	0.13	723.913	45.246	3987.732	3818.363	3.818363	3
3	30	14	273	344	15	0.5	0.13	606.141	39.505	3423.832	3274.444	3.274444	3
3	30	15	186	287	14	0.4	0.13	432.402	32.032	2519.112	2401.782	2.401782	3
3	30	16	234	196	12	0.2	0.13	331.185	26.743	1985.041	1886.635	1.886635	3
3	30	17	138	111	10	0.2	0.13	154.873	16.848	919.91	859.246	0.859246	3
3	30	18	26	30	8	0.4	0.13	30.54	9.216	151.741	118.296	0.118296	3
3	30	19	0	0	8	0.4	0.13	0	8	0	0	0	3
3	30	20	0	0	7	0.3	0.13	0	7	0	0	0	3
3	30	21	0	0	7	0.3	0.13	0	7	0	0	0	3
3	30	22	0	0	7	0.3	0.13	0	7	0	0	0	3
3	30	23	0	0	6	0.3	0.13	0	6	0	0	0	3
3	31	0	0	0	5	0.3	0.13	0	5	0	0	0	3
3	31	1	0	0	5	0.3	0.13	0	5	0	0	0	3
3	31	2	0	0	4	0.3	0.13	0	4	0	0	0	3
3	31	3	0	0	4	0.3	0.13	0	4	0	0	0	3
3	31	4	0	0	4	0.3	0.13	0	4	0	0	0	3
3	31	5	0	0	4	0.3	0.13	0	4	0	0	0	3
3	31	6	0	0	4	0.3	0.13	0	0	0	0	0	3
3	31	7	0	67	5	0.4	0.13	63.797	7.663	386.406	344.646	0.344646	3
3	31	8	17	148	6	0.4	0.13	150.383	12.285	926.62	865.718	0.865718	3
3	31	9	28	223	7	0.4	0.13	235.163	16.801	1429.125	1350.417	1.350417	3
3	31	10	35	283	8	0.4	0.13	313.892	21.05	1874.144	1779.668	1.779668	3
3	31	11	68	362	9	0.5	0.13	432.469	26.437	2535.984	2418.056	2.418056	3
3	31	12	100	401	10	0.5	0.13	508.872	30.513	2941.806	2809.498	2.809498	3

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
3	31	13	152	401	11	0.3	0.13	567.171	35.291	3230.44	3087.905	3.087905	3
3	31	14	243	352	12	0.1	0.13	579.099	38.484	3280.142	3135.846	3.135846	3
3	31	15	293	274	13	0.1	0.13	503.873	36.103	2903.523	2772.571	2.772571	3
3	31	16	374	175	12	0.2	0.13	385.091	29.159	2302.432	2192.78	2.19278	3
3	31	17	317	112	11	0.4	0.13	215.484	19.922	1259.684	1186.98	1.18698	3
3	31	18	156	35	8	0.8	0.13	46.464	9.588	209.219	173.738	0.173738	3
3	31	19	0	0	14	0.8	0.12	0	14	0	0	0	3
3	31	20	0	0	14	0.8	0.12	0	14	0	0	0	3
3	31	21	0	0	14	0.8	0.12	0	14	0	0	0	3
3	31	22	0	0	14	0.9	0.12	0	14	0	0	0	3
3	31	23	0	0	13	0.9	0.12	0	13	0	0	0	3
4	1	0	0	0	13	0.9	0.12	0	13	0	0	0	4
4	1	1	0	0	13	1	0.12	0	13	0	0	0	4
4	1	2	0	0	13	1.1	0.12	0	13	0	0	0	4
4	1	3	0	0	13	1.2	0.12	0	13	0	0	0	4
4	1	4	0	0	13	1.3	0.12	0	13	0	0	0	4
4	1	5	0	0	13	1.2	0.12	0	13	0	0	0	4
4	1	6	0	0	13	1	0.12	0	0	0	0	0	4
4	1	7	31	77	14	0.9	0.12	81.455	16.945	471.921	427.131	0.427131	4
4	1	8	0	89	15	1.1	0.12	84.593	17.922	498.562	452.828	0.452828	4
4	1	9	0	63	14	1.2	0.12	59.713	16.007	345.464	305.155	0.305155	4
4	1	10	18	253	14	1.3	0.12	260.805	22.539	1538.761	1456.169	1.456169	4
4	1	11	356	359	14	1.3	0.12	716.687	37.5	4078.357	3905.777	3.905777	4
4	1	12	18	290	13	1.4	0.12	300.569	22.594	1766.2	1675.549	1.675549	4
4	1	13	20	296	12	1.4	0.12	308.221	21.841	1819.516	1726.975	1.726975	4
4	1	14	256	360	10	1.3	0.12	608.069	29.941	3563.556	3409.217	3.409217	4
4	1	15	4	182	9	1.2	0.12	178.166	14.981	1074.548	1008.405	1.008405	4
4	1	16	174	205	8	1.1	0.12	302.768	18.47	1865.413	1771.246	1.771246	4
4	1	17	0	17	7	0.9	0.12	16.057	7.584	92.521	61.175	0.061175	4
4	1	18	0	30	5	0.7	0.12	28.309	6.057	152.469	118.998	0.118998	4
4	1	19	0	0	5	0.6	0.12	0	5	0	0	0	4
4	1	20	0	0	4	0.5	0.12	0	4	0	0	0	4
4	1	21	0	0	3	0.5	0.12	0	3	0	0	0	4
4	1	22	0	0	3	0.4	0.12	0	3	0	0	0	4
4	1	23	0	0	2	0.4	0.12	0	2	0	0	0	4
4	2	0	0	0	1	0.4	0.12	0	1	0	0	0	4
4	2	1	0	0	0	0.3	0.12	0	0	0	0	0	4
4	2	2	0	0	0	0.3	0.12	0	0	0	0	0	4
4	2	3	0	0	0	0.3	0.12	0	0	0	0	0	4
4	2	4	0	0	0	0.3	0.12	0	0	0	0	0	4
4	2	5	0	0	-1	0.3	0.12	0	-1	0	0	0	4
4	2	6	24	10	0	0.4	0.12	9.698	0.35	36.769	7.398	0.007398	4
4	2	7	476	70	1	0.6	0.12	182.994	7.97	1021.623	957.355	0.957355	4

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
4	2	8	694	101	4	0.7	0.12	432.046	20.594	2667.398	2544.814	2.544814	4
4	2	9	799	120	5	0.7	0.12	667.749	30.664	3993.348	3823.78	3.82378	4
4	2	10	858	133	7	0.7	0.12	859.616	39.963	4910.456	4708.391	4.708391	4
4	2	11	887	141	8	0.6	0.12	988.006	46.903	5449.261	5228.104	5.228104	4
4	2	12	900	143	9	0.6	0.12	1043.108	50.05	5661.563	5432.883	5.432883	4
4	2	13	901	138	10	0.6	0.12	1012.932	49.875	5511.293	5287.938	5.287938	4
4	2	14	880	131	11	0.6	0.12	918.114	47.179	5078.381	4870.366	4.870366	4
4	2	15	834	120	10	0.6	0.12	746.62	39.479	4298.201	4117.831	4.117831	4
4	2	16	750	105	9	0.5	0.12	525.526	30.41	3162.279	3022.159	3.022159	4
4	2	17	581	82	7	0.4	0.12	274.813	18.328	1602.593	1517.739	1.517739	4
4	2	18	209	39	5	0.3	0.12	54.504	7.146	248.373	211.505	0.211505	4
4	2	19	0	0	5	0.4	0.12	0	5	0	0	0	4
4	2	20	0	0	4	0.4	0.12	0	4	0	0	0	4
4	2	21	0	0	4	0.4	0.12	0	4	0	0	0	4
4	2	22	0	0	3	0.5	0.12	0	3	0	0	0	4
4	2	23	0	0	2	0.5	0.12	0	2	0	0	0	4
4	3	0	0	0	2	0.4	0.12	0	2	0	0	0	4
4	3	1	0	0	2	0.4	0.12	0	2	0	0	0	4
4	3	2	0	0	2	0.4	0.12	0	2	0	0	0	4
4	3	3	0	0	2	0.4	0.12	0	2	0	0	0	4
4	3	4	0	0	2	0.3	0.12	0	2	0	0	0	4
4	3	5	0	0	2	0.3	0.12	0	2	0	0	0	4
4	3	6	0	3	2	0.3	0.12	2.91	2.108	10.349	0	0	4
4	3	7	0	59	3	0.4	0.12	55.968	5.338	341.359	301.195	0.301195	4
4	3	8	82	171	5	0.4	0.12	206.597	13.636	1280.138	1206.709	1.206709	4
4	3	9	54	245	7	0.4	0.12	280.605	18.696	1701.883	1613.511	1.613511	4
4	3	10	0	134	9	0.5	0.12	127.985	14.162	760.925	705.895	0.705895	4
4	3	11	7	203	11	0.5	0.12	202.314	19.149	1192.317	1122	1.122	4
4	3	12	0	141	12	0.6	0.12	134.965	17.278	787.934	731.946	0.731946	4
4	3	13	8	210	13	0.7	0.12	210.389	21.006	1231.074	1159.384	1.159384	4
4	3	14	8	211	12	0.6	0.12	210.69	20.253	1241.644	1169.58	1.16958	4
4	3	15	0	135	12	0.5	0.12	128.961	17.208	761.726	706.667	0.706667	4
4	3	16	0	29	11	0.5	0.12	27.437	12.112	157.205	123.566	0.123566	4
4	3	17	0	14	11	0.4	0.12	13.221	11.553	74.149	43.454	0.043454	4
4	3	18	0	3	11	0.4	0.12	2.828	11.116	13.615	0	0	4
4	3	19	0	0	11	0.5	0.12	0	11	0	0	0	4
4	3	20	0	0	11	0.6	0.12	0	11	0	0	0	4
4	3	21	0	0	12	0.7	0.12	0	12	0	0	0	4
4	3	22	0	0	12	0.6	0.12	0	12	0	0	0	4
4	3	23	0	0	12	0.7	0.12	0	12	0	0	0	4
4	4	0	0	0	12	0.8	0.12	0	12	0	0	0	4
4	4	1	0	0	11	0.7	0.12	0	11	0	0	0	4
4	4	2	0	0	11	0.6	0.12	0	11	0	0	0	4

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
4	4	3	0	0	10	0.4	0.12	0	10	0	0	0	4
4	4	4	0	0	9	0.3	0.12	0	9	0	0	0	4
4	4	5	0	0	9	0.3	0.12	0	9	0	0	0	4
4	4	6	0	1	10	0.3	0.12	0.97	10.036	0	0	0	4
4	4	7	0	16	11	0.4	0.12	15.108	11.631	84.861	53.786	0.053786	4
4	4	8	0	96	12	0.6	0.12	91.315	15.599	544.51	497.148	0.497148	4
4	4	9	0	127	13	0.5	0.12	121.19	17.899	714.796	661.4	0.6614	4
4	4	10	0	77	14	0.5	0.12	73.088	16.947	420.325	377.363	0.377363	4
4	4	11	6	193	14	0.5	0.12	191.471	21.712	1114.642	1047.078	1.047078	4
4	4	12	7	198	14	0.7	0.12	197.706	21.521	1150.765	1081.921	1.081921	4
4	4	13	5	178	14	0.8	0.12	175.907	20.514	1024.776	960.396	0.960396	4
4	4	14	3	169	13	0.8	0.12	164.82	19.11	967.182	904.843	0.904843	4
4	4	15	9	206	11	0.8	0.12	205.47	18.634	1226.921	1155.378	1.155378	4
4	4	16	0	95	10	0.8	0.12	90.252	13.363	540.352	493.137	0.493137	4
4	4	17	4	104	8	0.7	0.12	100.621	11.861	613.677	563.864	0.563864	4
4	4	18	0	9	8	0.5	0.12	8.491	8.338	44.079	14.449	0.014449	4
4	4	19	0	0	7	0.5	0.12	0	7	0	0	0	4
4	4	20	0	0	6	0.5	0.12	0	6	0	0	0	4
4	4	21	0	0	6	0.4	0.12	0	6	0	0	0	4
4	4	22	0	0	6	0.3	0.12	0	6	0	0	0	4
4	4	23	0	0	6	0.3	0.12	0	6	0	0	0	4
4	5	0	0	0	5	0.4	0.12	0	5	0	0	0	4
4	5	1	0	0	5	0.3	0.12	0	5	0	0	0	4
4	5	2	0	0	4	0.3	0.12	0	4	0	0	0	4
4	5	3	0	0	4	0.3	0.12	0	4	0	0	0	4
4	5	4	0	0	4	0.3	0.12	0	4	0	0	0	4
4	5	5	0	0	4	0.3	0.12	0	4	0	0	0	4
4	5	6	0	5	4	0.3	0.12	4.849	4.18	17.484	0	0	4
4	5	7	136	88	5	0.4	0.12	118.868	9.902	698.187	645.379	0.645379	4
4	5	8	497	128	7	0.5	0.12	370.067	22.04	2266.136	2157.77	2.15777	4
4	5	9	516	193	9	0.6	0.12	556.064	30.943	3300.252	3155.243	3.155243	4
4	5	10	358	313	11	0.7	0.12	629.724	35.082	3633.272	3476.463	3.476463	4
4	5	11	246	393	12	0.8	0.12	641.223	35.812	3658.9	3501.183	3.501183	4
4	5	12	573	304	12	0.7	0.12	899.392	46.363	4938.383	4735.328	4.735328	4
4	5	13	541	305	12	0.6	0.12	856.658	45.659	4721.849	4526.468	4.526468	4
4	5	14	382	327	11	0.6	0.12	682.508	37.824	3889.379	3723.495	3.723495	4
4	5	15	303	281	11	0.5	0.12	517.961	31.983	3032.331	2896.816	2.896816	4
4	5	16	343	189	10	0.4	0.12	382.791	26.027	2311.864	2201.877	2.201877	4
4	5	17	355	101	9	0.2	0.12	219.817	18.675	1289.537	1215.776	1.215776	4
4	5	18	0	20	8	0.2	0.12	18.903	8.826	102.184	70.495	0.070495	4
4	5	19	0	0	6	0.3	0.13	0	6	0	0	0	4
4	5	20	0	0	5	0.3	0.13	0	5	0	0	0	4
4	5	21	0	0	4	0.3	0.13	0	4	0	0	0	4

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
4	5	22	0	0	4	0.3	0.13	0	4	0	0	0	4
4	5	23	0	0	3	0.3	0.13	0	3	0	0	0	4
4	6	0	0	0	3	0.3	0.13	0	3	0	0	0	4
4	6	1	0	0	2	0.3	0.13	0	2	0	0	0	4
4	6	2	0	0	2	0.3	0.13	0	2	0	0	0	4
4	6	3	0	0	1	0.3	0.13	0	1	0	0	0	4
4	6	4	0	0	1	0.3	0.13	0	1	0	0	0	4
4	6	5	0	0	1	0.2	0.13	0	1	0	0	0	4
4	6	6	39	16	3	0.3	0.13	13.534	3.502	51.141	21.261	0.021261	4
4	6	7	436	83	6	0.3	0.13	190.454	13.982	1064.986	999.182	0.999182	4
4	6	8	662	113	10	0.3	0.13	436.773	28.854	2616.901	2496.105	2.496105	4
4	6	9	772	133	13	0.3	0.13	671.062	41.96	3830.347	3666.554	3.666554	4
4	6	10	561	240	15	0.4	0.13	731.338	45.513	4063.767	3891.704	3.891704	4
4	6	11	516	303	16	0.4	0.13	818.599	50.093	4432.867	4247.725	4.247725	4
4	6	12	337	395	17	0.5	0.13	755.533	47.5	4112.084	3938.309	3.938309	4
4	6	13	526	316	18	0.5	0.13	854.314	52.536	4572.805	4382.704	4.382704	4
4	6	14	850	143	19	0.5	0.13	907.616	55.792	4835.918	4636.494	4.636494	4
4	6	15	806	130	18	0.5	0.13	738.792	48.006	4101.993	3928.575	3.928575	4
4	6	16	722	113	17	0.4	0.13	520.253	38.822	3022.918	2887.736	2.887736	4
4	6	17	568	86	15	0.3	0.13	275.867	26.732	1561.256	1477.866	1.477866	4
4	6	18	240	41	12	0.4	0.13	59.234	14.272	265.679	228.197	0.228197	4
4	6	19	0	0	11	0.8	0.13	0	11	0	0	0	4
4	6	20	0	0	11	0.9	0.13	0	11	0	0	0	4
4	6	21	0	0	10	1	0.13	0	10	0	0	0	4
4	6	22	0	0	9	0.8	0.13	0	9	0	0	0	4
4	6	23	0	0	8	0.4	0.13	0	8	0	0	0	4
4	7	0	0	0	7	0.3	0.13	0	7	0	0	0	4
4	7	1	0	0	7	0.3	0.13	0	7	0	0	0	4
4	7	2	0	0	6	0.3	0.13	0	6	0	0	0	4
4	7	3	0	0	6	0.3	0.13	0	6	0	0	0	4
4	7	4	0	0	5	0.3	0.13	0	5	0	0	0	4
4	7	5	0	0	5	0.3	0.13	0	5	0	0	0	4
4	7	6	49	17	7	0.4	0.13	14.604	7.523	53.824	23.849	0.023849	4
4	7	7	408	86	10	0.5	0.13	187.745	17.426	1042.686	977.672	0.977672	4
4	7	8	609	123	13	0.5	0.13	423.318	30.211	2521.212	2403.807	2.403807	4
4	7	9	717	146	16	0.5	0.13	649.152	42.378	3694.56	3535.579	3.535579	4
4	7	10	520	255	18	0.6	0.13	713.684	46.086	3952.007	3783.904	3.783904	4
4	7	11	378	363	19	0.6	0.13	743.595	48.194	4046.864	3875.399	3.875399	4
4	7	12	465	341	20	0.6	0.13	833.402	52.719	4448.066	4262.386	4.262386	4
4	7	13	786	192	20	0.6	0.13	976.836	58.422	5113.024	4903.782	4.903782	4
4	7	14	752	187	20	0.5	0.13	872.419	55.347	4650.592	4457.735	4.457735	4
4	7	15	686	176	20	0.4	0.13	701.053	49.307	3862.05	3697.134	3.697134	4
4	7	16	600	149	20	0.3	0.13	490.305	41.186	2811.844	2684.141	2.684141	4

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
4	7	17	450	108	18	0.4	0.13	257.848	28.662	1456.846	1377.156	1.377156	4
4	7	18	156	46	16	0.8	0.13	56.606	17.994	269.737	232.111	0.232111	4
4	7	19	0	0	16	0.9	0.13	0	16	0	0	0	4
4	7	20	0	0	16	0.9	0.13	0	16	0	0	0	4
4	7	21	0	0	15	0.9	0.13	0	15	0	0	0	4
4	7	22	0	0	13	0.9	0.13	0	13	0	0	0	4
4	7	23	0	0	11	0.8	0.13	0	11	0	0	0	4
4	8	0	0	0	10	0.8	0.13	0	10	0	0	0	4
4	8	1	0	0	9	0.6	0.13	0	9	0	0	0	4
4	8	2	0	0	9	0.4	0.13	0	9	0	0	0	4
4	8	3	0	0	9	0.3	0.13	0	9	0	0	0	4
4	8	4	0	0	8	0.3	0.13	0	8	0	0	0	4
4	8	5	0	0	8	0.2	0.13	0	8	0	0	0	4
4	8	6	0	20	10	0.2	0.13	18.471	10.708	68.573	38.075	0.038075	4
4	8	7	191	92	12	0.3	0.13	138.984	17.898	790.363	734.289	0.734289	4
4	8	8	291	172	15	0.3	0.13	315.512	28.607	1872.309	1777.898	1.777898	4
4	8	9	656	168	18	0.4	0.13	631.836	44.433	3560.171	3405.952	3.405952	4
4	8	10	499	265	20	0.5	0.13	707.283	48.637	3872.263	3706.986	3.706986	4
4	8	11	449	329	21	0.6	0.13	783.766	51.783	4207.214	4030.068	4.030068	4
4	8	12	508	332	22	0.7	0.13	866.58	55.092	4579.765	4389.418	4.389418	4
4	8	13	222	414	21	0.7	0.13	646.602	45.654	3536.553	3383.171	3.383171	4
4	8	14	461	297	21	0.7	0.13	728.938	48.87	3975.196	3806.271	3.806271	4
4	8	15	186	303	20	0.6	0.13	447.608	37.602	2545.979	2427.697	2.427697	4
4	8	16	55	204	19	0.5	0.13	231.347	28.378	1351.539	1275.58	1.27558	4
4	8	17	334	107	18	0.4	0.13	219.237	27.08	1247.338	1175.072	1.175072	4
4	8	18	12	40	17	0.4	0.13	38.66	18.588	206.262	170.885	0.170885	4
4	8	19	0	0	16	0.5	0.13	0	16	0	0	0	4
4	8	20	0	0	16	0.4	0.13	0	16	0	0	0	4
4	8	21	0	0	15	0.4	0.13	0	15	0	0	0	4
4	8	22	0	0	15	0.4	0.13	0	15	0	0	0	4
4	8	23	0	0	15	0.4	0.13	0	15	0	0	0	4
4	9	0	0	0	15	0.4	0.13	0	15	0	0	0	4
4	9	1	0	0	15	0.4	0.13	0	15	0	0	0	4
4	9	2	0	0	15	0.4	0.13	0	15	0	0	0	4
4	9	3	0	0	15	0.5	0.13	0	15	0	0	0	4
4	9	4	0	0	15	0.4	0.13	0	15	0	0	0	4
4	9	5	0	0	15	0.4	0.13	0	15	0	0	0	4
4	9	6	0	1	14	0.4	0.13	0.942	14.034	0	0	0	4
4	9	7	0	23	13	0.4	0.13	21.737	13.909	123.152	90.72	0.09072	4
4	9	8	23	164	12	0.5	0.13	168.615	18.838	1014.322	950.313	0.950313	4
4	9	9	489	210	12	0.5	0.13	559.443	34.705	3264.943	3121.185	3.121185	4
4	9	10	508	270	13	0.4	0.13	720.726	43.053	4037.236	3866.112	3.866112	4
4	9	11	169	409	15	0.3	0.13	586.15	40.101	3274.5	3130.403	3.130403	4

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
4	9	12	171	431	17	0.3	0.13	620.062	43.539	3410.73	3261.806	3.261806	4
4	9	13	116	413	17	0.3	0.13	543.411	40.254	3022.926	2887.744	2.887744	4
4	9	14	185	375	17	0.4	0.13	551.396	39.93	3091.863	2954.238	2.954238	4
4	9	15	100	300	17	0.3	0.13	374.116	33.06	2152.396	2048.06	2.04806	4
4	9	16	426	191	16	0.2	0.13	435.218	35.384	2540.158	2422.083	2.422083	4
4	9	17	13	113	15	0.2	0.13	112.031	19.98	662.524	610.98	0.61098	4
4	9	18	175	47	14	0.4	0.13	59.296	16.335	283.834	245.708	0.245708	4
4	9	19	0	0	12	0.5	0.13	0	12	0	0	0	4
4	9	20	0	0	12	0.3	0.13	0	12	0	0	0	4
4	9	21	0	0	11	0.2	0.13	0	11	0	0	0	4
4	9	22	0	0	11	0.3	0.13	0	11	0	0	0	4
4	9	23	0	0	11	0.4	0.13	0	11	0	0	0	4
4	10	0	0	0	10	0.5	0.13	0	10	0	0	0	4
4	10	1	0	0	10	0.4	0.13	0	10	0	0	0	4
4	10	2	0	0	9	0.4	0.13	0	9	0	0	0	4
4	10	3	0	0	9	0.4	0.13	0	9	0	0	0	4
4	10	4	0	0	9	0.4	0.13	0	9	0	0	0	4
4	10	5	0	0	9	0.4	0.13	0	9	0	0	0	4
4	10	6	0	1	9	0.5	0.13	0.942	9.033	0	0	0	4
4	10	7	0	76	10	0.5	0.13	72.114	12.927	432.129	388.749	0.388749	4
4	10	8	217	186	11	0.5	0.13	291.181	22.824	1761.858	1671.361	1.671361	4
4	10	9	125	280	13	0.6	0.13	370.846	27.586	2188.592	2082.974	2.082974	4
4	10	10	393	313	15	0.6	0.13	661.381	41.002	3725.058	3564.996	3.564996	4
4	10	11	133	409	17	0.5	0.13	552.072	39.259	3088.287	2950.789	2.950789	4
4	10	12	354	397	19	0.5	0.13	774.614	50.267	4165.528	3989.859	3.989859	4
4	10	13	89	406	20	0.6	0.13	499.162	39.545	2778.229	2651.718	2.651718	4
4	10	14	73	357	21	0.7	0.13	424.803	37.192	2388.402	2275.703	2.275703	4
4	10	15	232	302	20	0.7	0.13	480.083	38.365	2728.226	2603.486	2.603486	4
4	10	16	10	172	20	0.7	0.13	170.694	26.534	991.241	928.05	0.92805	4
4	10	17	0	84	19	0.6	0.13	79.792	22.149	462.478	418.023	0.418023	4
4	10	18	32	45	18	0.5	0.13	44.931	19.785	236.799	200.34	0.20034	4
4	10	19	0	0	17	0.5	0.13	0	17	0	0	0	4
4	10	20	0	0	17	0.5	0.13	0	17	0	0	0	4
4	10	21	0	0	16	0.5	0.13	0	16	0	0	0	4
4	10	22	0	0	16	0.5	0.13	0	16	0	0	0	4
4	10	23	0	0	16	0.5	0.13	0	16	0	0	0	4
4	11	0	0	0	16	0.5	0.13	0	16	0	0	0	4
4	11	1	0	0	16	0.6	0.13	0	16	0	0	0	4
4	11	2	0	0	16	0.6	0.13	0	16	0	0	0	4
4	11	3	0	0	16	0.6	0.13	0	16	0	0	0	4
4	11	4	0	0	17	0.6	0.13	0	17	0	0	0	4
4	11	5	0	0	17	0.5	0.13	0	17	0	0	0	4
4	11	6	0	4	17	0.5	0.13	3.772	17.132	12.516	0	0	4

Month	Day	Hour	Beam Irradiance (W/m ²)	Diffuse Irradiance (W/m ²)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m ²)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
4	11	7	0	7	17	0.6	0.13	6.608	17.261	34.8	5.499	0.005499	4
4	11	8	69	187	19	0.8	0.13	216.89	27.093	1274.278	1201.058	1.201058	4
4	11	9	149	284	20	0.9	0.13	391.45	34.196	2254.068	2146.129	2.146129	4
4	11	10	0	59	21	1	0.13	56.009	22.971	309.649	270.609	0.270609	4
4	11	11	39	351	22	1.1	0.13	391.53	35.428	2202.344	2096.238	2.096238	4
4	11	12	13	254	22	1.1	0.13	259.005	30.875	1462.776	1382.876	1.382876	4
4	11	13	12	247	22	1.1	0.13	250.727	30.594	1417.549	1339.251	1.339251	4
4	11	14	224	377	22	1.1	0.13	587.319	42.197	3267.645	3123.792	3.123792	4
4	11	15	504	255	22	1.1	0.13	645.51	44.283	3613.394	3457.289	3.457289	4
4	11	16	97	219	21	1.1	0.13	269.22	30.296	1569.802	1486.109	1.486109	4
4	11	17	33	121	19	1	0.13	127.738	23.522	745.692	691.202	0.691202	4
4	11	18	0	28	16	0.9	0.13	26.495	16.953	143.513	110.359	0.110359	4
4	11	19	0	0	14	0.7	0.13	0	14	0	0	0	4
4	11	20	0	0	13	0.7	0.13	0	13	0	0	0	4
4	11	21	0	0	12	0.7	0.13	0	12	0	0	0	4
4	11	22	0	0	11	0.6	0.13	0	11	0	0	0	4
4	11	23	0	0	10	0.5	0.13	0	10	0	0	0	4
4	12	0	0	0	9	0.5	0.13	0	9	0	0	0	4
4	12	1	0	0	8	0.4	0.13	0	8	0	0	0	4
4	12	2	0	0	7	0.4	0.13	0	7	0	0	0	4
4	12	3	0	0	7	0.3	0.13	0	7	0	0	0	4
4	12	4	0	0	6	0.3	0.13	0	6	0	0	0	4
4	12	5	0	0	6	0.3	0.13	0	6	0	0	0	4
4	12	6	0	6	6	0.5	0.13	5.66	6.204	21.893	0	0	4
4	12	7	0	58	7	0.8	0.13	54.95	9.052	331.161	291.359	0.291359	4
4	12	8	0	69	8	0.9	0.13	65.401	10.375	392.198	350.233	0.350233	4
4	12	9	0	120	9	1	0.13	114.315	13.032	684.274	631.959	0.631959	4
4	12	10	23	282	9	1.1	0.13	293.402	19.074	1755.193	1664.932	1.664932	4
4	12	11	1	143	10	1.1	0.13	137.771	14.722	813.351	756.463	0.756463	4
4	12	12	0	64	10	1.1	0.13	60.849	12.084	351.186	310.674	0.310674	4
4	12	13	29	339	10	1.1	0.13	369.995	22.684	2182.523	2077.119	2.077119	4
4	12	14	4	170	10	1	0.13	166.559	15.859	988.927	925.818	0.925818	4
4	12	15	0	134	9	0.9	0.13	127.882	13.624	764.467	709.311	0.709311	4
4	12	16	0	72	8	0.8	0.13	68.264	10.542	408.208	365.676	0.365676	4
4	12	17	0	16	7	0.7	0.13	15.119	7.58	86.865	55.719	0.055719	4
4	12	18	0	5	6	0.5	0.13	4.716	6.19	24.868	0	0	4
4	12	19	0	0	5	0.5	0.13	0	5	0	0	0	4
4	12	20	0	0	4	0.6	0.13	0	4	0	0	0	4
4	12	21	0	0	4	0.6	0.13	0	4	0	0	0	4
4	12	22	0	0	3	0.6	0.13	0	3	0	0	0	4
4	12	23	0	0	3	0.6	0.13	0	3	0	0	0	4
4	13	0	0	0	3	0.6	0.13	0	3	0	0	0	4
4	13	1	0	0	3	0.6	0.13	0	3	0	0	0	4

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
4	13	2	0	0	3	0.6	0.13	0	3	0	0	0	4
4	13	3	0	0	3	0.5	0.13	0	3	0	0	0	4
4	13	4	0	0	3	0.5	0.13	0	3	0	0	0	4
4	13	5	0	0	3	0.5	0.13	0	3	0	0	0	4
4	13	6	0	16	3	0.5	0.13	15.127	3.567	68.085	37.604	0.037604	4
4	13	7	0	87	3	0.6	0.13	82.533	6.256	511.058	464.881	0.464881	4
4	13	8	0	91	4	0.6	0.13	86.403	7.403	529.817	482.975	0.482975	4
4	13	9	0	151	5	0.7	0.13	144.397	10.513	879.813	820.57	0.82057	4
4	13	10	0	101	6	0.7	0.13	96.06	9.659	573.828	525.427	0.525427	4
4	13	11	0	61	7	0.7	0.13	57.969	9.205	338.513	298.45	0.29845	4
4	13	12	0	140	7	0.6	0.13	133.996	12.237	796.249	739.966	0.739966	4
4	13	13	2	149	7	0.6	0.13	144.622	12.655	861.471	802.878	0.802878	4
4	13	14	60	351	6	0.5	0.13	406.325	22.383	2417.091	2303.376	2.303376	4
4	13	15	36	268	6	0.5	0.13	292.946	17.832	1771.829	1680.978	1.680978	4
4	13	16	0	146	6	0.5	0.13	139.577	11.651	852.99	794.698	0.794698	4
4	13	17	0	96	5	0.4	0.13	91.233	8.815	561.508	513.543	0.513543	4
4	13	18	0	8	4	0.3	0.13	7.549	4.322	41.147	11.621	0.011621	4
4	13	19	0	0	3	0.3	0.13	0	3	0	0	0	4
4	13	20	0	0	3	0.4	0.13	0	3	0	0	0	4
4	13	21	0	0	2	0.3	0.13	0	2	0	0	0	4
4	13	22	0	0	2	0.3	0.13	0	2	0	0	0	4
4	13	23	0	0	2	0.3	0.13	0	2	0	0	0	4
4	14	0	0	0	2	0.3	0.13	0	2	0	0	0	4
4	14	1	0	0	1	0.3	0.13	0	1	0	0	0	4
4	14	2	0	0	1	0.3	0.13	0	1	0	0	0	4
4	14	3	0	0	1	0.3	0.13	0	1	0	0	0	4
4	14	4	0	0	0	0.3	0.13	0	0	0	0	0	4
4	14	5	0	0	0	0.3	0.13	0	0	0	0	0	4
4	14	6	0	24	0	0.4	0.13	22.534	0.888	111.078	79.074	0.079074	4
4	14	7	35	103	2	0.5	0.13	108.012	6.372	667.147	615.439	0.615439	4
4	14	8	211	195	5	0.5	0.13	298.717	17.129	1848.031	1754.48	1.75448	4
4	14	9	494	216	6	0.5	0.13	573.295	29.258	3413.642	3264.615	3.264615	4
4	14	10	334	338	7	0.5	0.13	639.096	32.839	3708.783	3549.298	3.549298	4
4	14	11	135	416	8	0.6	0.13	560.668	29.963	3252.339	3109.028	3.109028	4
4	14	12	42	378	9	0.6	0.13	424.436	25.602	2480.557	2364.593	2.364593	4
4	14	13	71	401	9	0.7	0.13	475.467	27.098	2774.445	2648.067	2.648067	4
4	14	14	16	268	9	0.7	0.13	273.853	19.428	1628.822	1543.038	1.543038	4
4	14	15	4	183	8	0.7	0.13	178.589	14.813	1074.811	1008.659	1.008659	4
4	14	16	24	192	7	0.6	0.13	197.8	14.786	1209.765	1138.831	1.138831	4
4	14	17	0	81	6	0.4	0.13	76.857	9.214	469.226	424.532	0.424532	4
4	14	18	36	50	4	0.2	0.13	49.892	6.177	282.499	244.421	0.244421	4
4	14	19	0	0	2	0.2	0.13	0	2	0	0	0	4
4	14	20	0	0	2	0.2	0.13	0	2	0	0	0	4

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
4	14	21	0	0	1	0.2	0.13	0	1	0	0	0	4
4	14	22	0	0	1	0.3	0.13	0	1	0	0	0	4
4	14	23	0	0	0	0.3	0.13	0	0	0	0	0	4
4	15	0	0	0	0	0.2	0.13	0	0	0	0	0	4
4	15	1	0	0	0	0.2	0.13	0	0	0	0	0	4
4	15	2	0	0	0	0.3	0.13	0	0	0	0	0	4
4	15	3	0	0	-1	0.6	0.13	0	-1	0	0	0	4
4	15	4	0	0	-1	0.8	0.13	0	-1	0	0	0	4
4	15	5	0	0	-1	0.7	0.13	0	-1	0	0	0	4
4	15	6	201	33	0	0.4	0.13	33.856	1.283	151.882	118.432	0.118432	4
4	15	7	596	79	3	0.2	0.13	241.546	13.472	1375.028	1298.238	1.298238	4
4	15	8	768	103	7	0.2	0.13	493.438	29	2971.607	2838.244	2.838244	4
4	15	9	860	117	10	0.3	0.13	728.222	41.413	4159.86	3984.392	3.984392	4
4	15	10	918	122	11	0.2	0.13	914.117	51.604	4962.073	4758.179	4.758179	4
4	15	11	933	133	13	0.2	0.13	1033.029	58.827	5400.633	5181.199	5.181199	4
4	15	12	938	136	14	0.1	0.13	1078.676	63.402	5512.231	5288.843	5.288843	4
4	15	13	938	131	15	0.1	0.13	1051.423	63.168	5387.301	5168.339	5.168339	4
4	15	14	909	128	15	0.1	0.13	942.237	58.21	4961.776	4757.893	4.757893	4
4	15	15	860	121	15	0.1	0.13	772.645	50.497	4240.039	4061.73	4.06173	4
4	15	16	782	107	14	0.1	0.13	549.777	39.327	3186.218	3045.249	3.045249	4
4	15	17	640	85	13	0.4	0.13	301.195	25.43	1719.808	1630.8	1.6308	4
4	15	18	342	48	10	0.8	0.13	76.194	12.601	344.61	304.331	0.304331	4
4	15	19	0	0	8	1	0.13	0	8	0	0	0	4
4	15	20	0	0	6	1	0.13	0	6	0	0	0	4
4	15	21	0	0	4	0.8	0.13	0	4	0	0	0	4
4	15	22	0	0	2	0.5	0.13	0	2	0	0	0	4
4	15	23	0	0	2	0.3	0.13	0	2	0	0	0	4
4	16	0	0	0	1	0.3	0.13	0	1	0	0	0	4
4	16	1	0	0	1	0.3	0.13	0	1	0	0	0	4
4	16	2	0	0	1	0.3	0.13	0	1	0	0	0	4
4	16	3	0	0	0	0.3	0.13	0	0	0	0	0	4
4	16	4	0	0	0	0.3	0.13	0	0	0	0	0	4
4	16	5	0	0	0	0.3	0.13	0	0	0	0	0	4
4	16	6	259	32	2	0.3	0.13	36.302	3.407	158.639	124.95	0.12495	4
4	16	7	635	71	6	0.4	0.13	245.732	16.007	1382.042	1305.003	1.305003	4
4	16	8	795	92	10	0.4	0.13	497.151	30.843	2975.135	2841.646	2.841646	4
4	16	9	875	107	13	0.5	0.13	729.766	42.651	4148.279	3973.221	3.973221	4
4	16	10	917	117	15	0.6	0.13	909.377	50.83	4952.354	4748.804	4.748804	4
4	16	11	937	123	16	0.7	0.13	1027.412	55.32	5454.197	5232.865	5.232865	4
4	16	12	943	126	17	0.7	0.13	1073.931	58.081	5618.832	5391.666	5.391666	4
4	16	13	937	123	18	0.7	0.13	1042.622	57.895	5468.512	5246.673	5.246673	4
4	16	14	917	116	18	0.7	0.13	937.186	53.898	5028.867	4822.607	4.822607	4
4	16	15	876	108	17	0.6	0.13	771.129	47.428	4287.617	4107.622	4.107622	4

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
4	16	16	802	96	16	0.5	0.13	549.459	38.372	3197.815	3056.435	3.056435	4
4	16	17	667	77	15	0.4	0.13	302.492	27.478	1710.732	1622.046	1.622046	4
4	16	18	377	45	12	0.3	0.13	77.829	15.041	341.011	300.86	0.30086	4
4	16	19	0	0	10	0.3	0.13	0	10	0	0	0	4
4	16	20	0	0	9	0.3	0.13	0	9	0	0	0	4
4	16	21	0	0	9	0.3	0.13	0	9	0	0	0	4
4	16	22	0	0	8	0.3	0.13	0	8	0	0	0	4
4	16	23	0	0	7	0.3	0.13	0	7	0	0	0	4
4	17	0	0	0	7	0.3	0.13	0	7	0	0	0	4
4	17	1	0	0	6	0.3	0.13	0	6	0	0	0	4
4	17	2	0	0	6	0.3	0.13	0	6	0	0	0	4
4	17	3	0	0	6	0.3	0.13	0	6	0	0	0	4
4	17	4	0	0	6	0.3	0.13	0	6	0	0	0	4
4	17	5	0	0	6	0.3	0.13	0	6	0	0	0	4
4	17	6	184	37	8	0.3	0.13	38.083	9.522	176.164	141.853	0.141853	4
4	17	7	301	100	11	0.4	0.13	182.57	18.514	1044.874	979.782	0.979782	4
4	17	8	715	113	15	0.4	0.13	480.343	35.134	2822.19	2694.121	2.694121	4
4	17	9	514	212	18	0.5	0.13	585.447	41.748	3316.57	3170.982	3.170982	4
4	17	10	536	267	19	0.5	0.13	746.441	49.21	4070.87	3898.555	3.898555	4
4	17	11	524	321	20	0.5	0.13	849.894	54.346	4508.854	4321.019	4.321019	4
4	17	12	869	161	21	0.5	0.13	1045.702	63.31	5343.018	5125.626	5.125626	4
4	17	13	580	309	22	0.6	0.13	900.864	57.38	4715.898	4520.727	4.520727	4
4	17	14	818	163	22	0.6	0.13	904.745	57.616	4771.185	4574.055	4.574055	4
4	17	15	773	149	21	0.5	0.13	739.575	51.015	4043.308	3871.969	3.871969	4
4	17	16	691	130	20	0.4	0.13	523.534	41.941	2994.492	2860.317	2.860317	4
4	17	17	545	101	19	0.3	0.13	285.991	31.186	1602.373	1517.526	1.517526	4
4	17	18	268	54	16	0.2	0.13	75.228	19.125	351.111	310.601	0.310601	4
4	17	19	0	0	14	0.2	0.13	0	14	0	0	0	4
4	17	20	0	0	13	0.3	0.13	0	13	0	0	0	4
4	17	21	0	0	13	0.3	0.13	0	13	0	0	0	4
4	17	22	0	0	13	0.3	0.13	0	13	0	0	0	4
4	17	23	0	0	13	0.2	0.13	0	13	0	0	0	4
4	18	0	0	0	12	0.2	0.13	0	12	0	0	0	4
4	18	1	0	0	11	0.2	0.13	0	11	0	0	0	4
4	18	2	0	0	10	0.2	0.13	0	10	0	0	0	4
4	18	3	0	0	9	0.2	0.13	0	9	0	0	0	4
4	18	4	0	0	9	0.2	0.13	0	9	0	0	0	4
4	18	5	0	0	9	0.2	0.13	0	9	0	0	0	4
4	18	6	225	36	11	0.3	0.13	39.242	12.554	175.061	140.79	0.14079	4
4	18	7	570	80	13	0.4	0.13	239.729	22.794	1326.331	1251.265	1.251265	4
4	18	8	743	102	17	0.4	0.13	484.64	37.318	2825.12	2696.947	2.696947	4
4	18	9	839	115	19	0.4	0.13	715.917	48.952	3961.418	3792.981	3.792981	4
4	18	10	890	123	20	0.5	0.13	895.022	56.283	4760.12	4563.382	4.563382	4

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
4	18	11	913	128	21	0.6	0.13	1011.606	60.803	5242.867	5029.024	5.029024	4
4	18	12	919	130	22	0.6	0.13	1055.607	63.515	5392.242	5173.106	5.173106	4
4	18	13	887	143	22	0.7	0.13	1015.843	60.86	5257.544	5043.18	5.04318	4
4	18	14	864	136	22	0.7	0.13	917.523	57.134	4851.346	4651.376	4.651376	4
4	18	15	817	127	21	0.6	0.13	747.842	50.499	4100.465	3927.101	3.927101	4
4	18	16	349	205	20	0.5	0.13	402.235	36.338	2326.937	2216.416	2.216416	4
4	18	17	250	129	19	0.3	0.13	211.129	28.037	1206.58	1135.758	1.135758	4
4	18	18	2	48	16	0.2	0.13	45.119	17.991	252.174	215.17	0.21517	4
4	18	19	0	0	15	0.2	0.13	0	15	0	0	0	4
4	18	20	0	0	15	0.2	0.13	0	15	0	0	0	4
4	18	21	0	0	14	0.2	0.13	0	14	0	0	0	4
4	18	22	0	0	13	0.2	0.13	0	13	0	0	0	4
4	18	23	0	0	13	0.2	0.13	0	13	0	0	0	4
4	19	0	0	0	13	0.2	0.13	0	13	0	0	0	4
4	19	1	0	0	12	0.3	0.13	0	12	0	0	0	4
4	19	2	0	0	12	0.2	0.13	0	12	0	0	0	4
4	19	3	0	0	11	0.2	0.13	0	11	0	0	0	4
4	19	4	0	0	11	0.3	0.13	0	11	0	0	0	4
4	19	5	0	0	11	0.2	0.13	0	11	0	0	0	4
4	19	6	0	11	12	0.2	0.13	10.385	12.452	53.053	23.105	0.023105	4
4	19	7	0	12	13	0.3	0.13	11.335	13.489	62.526	32.242	0.032242	4
4	19	8	11	168	13	0.5	0.13	166.261	19.736	992.765	929.519	0.929519	4
4	19	9	93	293	14	0.6	0.13	355.773	27.979	2086.45	1984.451	1.984451	4
4	19	10	67	352	15	0.7	0.13	410.009	30.626	2364.24	2252.398	2.252398	4
4	19	11	0	43	16	0.7	0.13	40.857	17.553	226.597	190.499	0.190499	4
4	19	12	487	359	16	0.7	0.13	875.827	49.422	4729.156	4533.515	4.533515	4
4	19	13	152	436	15	0.6	0.13	599.76	38.487	3362.273	3215.066	3.215066	4
4	19	14	7	199	14	0.5	0.13	197.434	21.952	1149.756	1080.948	1.080948	4
4	19	15	104	315	13	0.4	0.13	390.544	29.255	2279.132	2170.305	2.170305	4
4	19	16	0	29	13	0.3	0.13	27.455	14.18	155.306	121.735	0.121735	4
4	19	17	69	136	12	0.2	0.13	153.702	18.819	916.769	856.216	0.856216	4
4	19	18	0	10	11	0.3	0.13	9.438	11.404	50.79	20.922	0.020922	4
4	19	19	0	0	9	0.5	0.13	0	9	0	0	0	4
4	19	20	0	0	9	0.6	0.13	0	9	0	0	0	4
4	19	21	0	0	9	0.6	0.13	0	9	0	0	0	4
4	19	22	0	0	8	0.5	0.13	0	8	0	0	0	4
4	19	23	0	0	7	0.3	0.13	0	7	0	0	0	4
4	20	0	0	0	7	0.1	0.13	0	7	0	0	0	4
4	20	1	0	0	7	0.1	0.13	0	7	0	0	0	4
4	20	2	0	0	7	0.2	0.13	0	7	0	0	0	4
4	20	3	0	0	7	0.1	0.13	0	7	0	0	0	4
4	20	4	0	0	7	0.1	0.13	0	7	0	0	0	4
4	20	5	0	0	7	0.2	0.13	0	7	0	0	0	4

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
4	20	6	146	43	8	0.2	0.13	43.938	9.854	218.353	182.548	0.182548	4
4	20	7	458	103	10	0.2	0.13	231.609	20.114	1315.759	1241.068	1.241068	4
4	20	8	633	134	13	0.2	0.13	464.016	33.684	2738.509	2613.405	2.613405	4
4	20	9	738	151	15	0.2	0.13	686.087	45.514	3842.47	3678.248	3.678248	4
4	20	10	27	302	16	0.2	0.13	323.909	30.302	1856.037	1762.202	1.762202	4
4	20	11	6	178	17	0.2	0.13	176.578	24.784	1009.15	945.324	0.945324	4
4	20	12	3	153	17	0.2	0.13	149.584	23.59	852.116	793.854	0.793854	4
4	20	13	0	134	17	0.2	0.13	128.099	22.644	728.695	674.806	0.674806	4
4	20	14	0	118	16	0.2	0.13	112.477	20.962	643.709	592.832	0.592832	4
4	20	15	0	84	15	0.1	0.13	79.752	18.641	458.011	413.714	0.413714	4
4	20	16	0	35	15	0.1	0.13	33.143	16.518	187.069	152.372	0.152372	4
4	20	17	0	45	14	0.1	0.13	42.594	15.957	246.642	209.834	0.209834	4
4	20	18	116	67	13	0.2	0.13	72.661	16.135	385.712	343.977	0.343977	4
4	20	19	0	0	11	0.4	0.13	0	11	0	0	0	4
4	20	20	0	0	10	0.6	0.13	0	10	0	0	0	4
4	20	21	0	0	9	0.7	0.13	0	9	0	0	0	4
4	20	22	0	0	9	0.7	0.13	0	9	0	0	0	4
4	20	23	0	0	9	0.5	0.13	0	9	0	0	0	4
4	21	0	0	0	9	0.4	0.13	0	9	0	0	0	4
4	21	1	0	0	8	0.6	0.13	0	8	0	0	0	4
4	21	2	0	0	7	0.8	0.13	0	7	0	0	0	4
4	21	3	0	0	6	0.8	0.13	0	6	0	0	0	4
4	21	4	0	0	5	0.6	0.13	0	5	0	0	0	4
4	21	5	0	0	6	0.3	0.13	0	6	0	0	0	4
4	21	6	204	43	8	0.2	0.13	46.454	9.934	222.446	186.496	0.186496	4
4	21	7	0	93	11	0.3	0.13	88.077	14.797	528.615	481.816	0.481816	4
4	21	8	23	183	14	0.3	0.13	186.887	22.04	1110.321	1042.91	1.04291	4
4	21	9	788	133	17	0.3	0.13	702.367	47.279	3907.709	3741.175	3.741175	4
4	21	10	848	138	19	0.3	0.13	882.909	56.988	4676.318	4482.549	4.482549	4
4	21	11	878	140	20	0.3	0.13	992.85	62.67	5100.664	4891.859	4.891859	4
4	21	12	885	141	21	0.3	0.13	1034.748	65.452	5238.188	5024.51	5.02451	4
4	21	13	60	400	21	0.3	0.13	462.032	40.749	2547.773	2429.427	2.429427	4
4	21	14	11	239	21	0.3	0.13	240.234	31.273	1355.746	1279.638	1.279638	4
4	21	15	209	320	20	0.3	0.13	479.619	40.595	2692.945	2569.455	2.569455	4
4	21	16	27	202	19	0.3	0.13	208.776	27.975	1212.295	1141.271	1.141271	4
4	21	17	31	131	18	0.2	0.13	136.036	24.043	794.551	738.329	0.738329	4
4	21	18	223	62	16	0.3	0.13	78.836	19.225	386.459	344.698	0.344698	4
4	21	19	0	0	14	0.5	0.13	0	14	0	0	0	4
4	21	20	0	0	13	0.4	0.13	0	13	0	0	0	4
4	21	21	0	0	12	0.2	0.13	0	12	0	0	0	4
4	21	22	0	0	12	0.2	0.13	0	12	0	0	0	4
4	21	23	0	0	11	0.2	0.13	0	11	0	0	0	4
4	22	0	0	0	11	0.2	0.13	0	11	0	0	0	4

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
4	22	1	0	0	10	0.2	0.13	0	10	0	0	0	4
4	22	2	0	0	10	0.2	0.13	0	10	0	0	0	4
4	22	3	0	0	9	0.2	0.13	0	9	0	0	0	4
4	22	4	0	0	9	0.2	0.13	0	9	0	0	0	4
4	22	5	0	0	10	0.2	0.13	0	10	0	0	0	4
4	22	6	209	43	12	0.3	0.13	47.244	13.905	222.083	186.146	0.186146	4
4	22	7	520	90	14	0.3	0.13	240.348	24.159	1339.493	1263.962	1.263962	4
4	22	8	684	115	17	0.4	0.13	473.312	36.842	2762.979	2637.008	2.637008	4
4	22	9	776	130	20	0.4	0.13	691.944	48.936	3822.229	3658.724	3.658724	4
4	22	10	851	127	21	0.4	0.13	874.811	57.514	4623.786	4431.879	4.431879	4
4	22	11	880	130	22	0.4	0.13	985.128	63.072	5053.048	4845.93	4.84593	4
4	22	12	895	129	23	0.4	0.13	1032.764	66.041	5215.336	5002.468	5.002468	4
4	22	13	158	431	24	0.4	0.13	599.462	48.88	3218.938	3076.81	3.07681	4
4	22	14	165	395	24	0.3	0.13	551.362	47.617	2985.893	2852.023	2.852023	4
4	22	15	399	279	23	0.3	0.13	585.197	48.161	3208.16	3066.414	3.066414	4
4	22	16	200	233	22	0.2	0.13	343.111	37.247	1960.154	1862.63	1.86263	4
4	22	17	403	113	21	0.2	0.13	249.441	31.99	1397.616	1320.025	1.320025	4
4	22	18	304	55	18	0.3	0.13	80.636	21.236	370.446	329.251	0.329251	4
4	22	19	0	0	16	0.3	0.13	0	16	0	0	0	4
4	22	20	0	0	15	0.2	0.13	0	15	0	0	0	4
4	22	21	0	0	15	0.2	0.13	0	15	0	0	0	4
4	22	22	0	0	14	0.2	0.13	0	14	0	0	0	4
4	22	23	0	0	13	0.2	0.13	0	13	0	0	0	4
4	23	0	0	0	12	0.2	0.13	0	12	0	0	0	4
4	23	1	0	0	12	0.2	0.13	0	12	0	0	0	4
4	23	2	0	0	11	0.2	0.13	0	11	0	0	0	4
4	23	3	0	0	11	0.2	0.13	0	11	0	0	0	4
4	23	4	0	0	10	0.2	0.13	0	10	0	0	0	4
4	23	5	0	0	11	0.2	0.13	0	11	0	0	0	4
4	23	6	106	40	13	0.2	0.13	40.827	14.741	204.736	169.413	0.169413	4
4	23	7	461	104	16	0.3	0.13	236.343	26.014	1317.552	1242.798	1.242798	4
4	23	8	633	133	19	0.3	0.13	466.359	39.149	2693.715	2570.198	2.570198	4
4	23	9	731	152	22	0.3	0.13	685.169	51.527	3738.956	3578.402	3.578402	4
4	23	10	789	163	23	0.3	0.13	859.652	59.974	4489.506	4302.357	4.302357	4
4	23	11	818	169	24	0.4	0.13	973.837	64.585	4955.277	4751.624	4.751624	4
4	23	12	835	167	25	0.4	0.13	1020.762	67.524	5114.434	4905.141	4.905141	4
4	23	13	825	167	25	0.3	0.13	989.557	67.507	4965.7	4761.677	4.761677	4
4	23	14	803	158	25	0.3	0.13	887.456	63.16	4564.287	4374.488	4.374488	4
4	23	15	762	143	25	0.3	0.13	726.049	56.277	3877.336	3711.879	3.711879	4
4	23	16	687	125	24	0.3	0.13	517.511	46.352	2902.957	2772.026	2.772026	4
4	23	17	545	101	22	0.2	0.13	287.614	34.651	1591.548	1507.085	1.507085	4
4	23	18	286	58	19	0.2	0.13	81.808	22.408	380.84	339.277	0.339277	4
4	23	19	0	0	16	0.2	0.13	0	16	0	0	0	4

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
4	23	20	0	0	16	0.2	0.13	0	16	0	0	0	4
4	23	21	0	0	16	0.3	0.13	0	16	0	0	0	4
4	23	22	0	0	16	0.3	0.13	0	16	0	0	0	4
4	23	23	0	0	15	0.3	0.13	0	15	0	0	0	4
4	24	0	0	0	14	0.3	0.13	0	14	0	0	0	4
4	24	1	0	0	14	0.3	0.13	0	14	0	0	0	4
4	24	2	0	0	13	0.3	0.13	0	13	0	0	0	4
4	24	3	0	0	13	0.3	0.13	0	13	0	0	0	4
4	24	4	0	0	12	0.3	0.13	0	12	0	0	0	4
4	24	5	0	0	12	0.3	0.13	0	12	0	0	0	4
4	24	6	154	50	13	0.3	0.13	52.141	15.145	260.113	222.828	0.222828	4
4	24	7	243	118	15	0.4	0.13	185.675	22.679	1063.879	998.113	0.998113	4
4	24	8	611	145	17	0.5	0.13	467.925	36.039	2735.731	2610.725	2.610725	4
4	24	9	717	162	20	0.5	0.13	686.39	47.856	3801.843	3639.06	3.63906	4
4	24	10	770	175	22	0.5	0.13	859.542	56.815	4548.421	4359.185	4.359185	4
4	24	11	795	184	23	0.5	0.13	967.623	62.148	4975.089	4770.734	4.770734	4
4	24	12	474	367	24	0.4	0.13	871.009	60.213	4486.257	4299.223	4.299223	4
4	24	13	324	414	25	0.4	0.13	752.141	56.252	3934.816	3767.322	3.767322	4
4	24	14	42	345	24	0.3	0.13	381.74	40.33	2105.68	2003	2.003	4
4	24	15	392	283	23	0.3	0.13	583.865	48.1	3199.939	3058.485	3.058485	4
4	24	16	161	238	22	0.2	0.13	326.131	36.486	1863.281	1769.19	1.76919	4
4	24	17	233	138	21	0.2	0.13	214.328	30.473	1216.516	1145.342	1.145342	4
4	24	18	32	60	19	0.2	0.13	58.79	21.582	321.217	281.767	0.281767	4
4	24	19	0	0	18	0.2	0.13	0	18	0	0	0	4
4	24	20	0	0	18	0.2	0.13	0	18	0	0	0	4
4	24	21	0	0	17	0.2	0.13	0	17	0	0	0	4
4	24	22	0	0	17	0.2	0.13	0	17	0	0	0	4
4	24	23	0	0	17	0.1	0.13	0	17	0	0	0	4
4	25	0	0	0	17	0.1	0.13	0	17	0	0	0	4
4	25	1	0	0	17	0.3	0.13	0	17	0	0	0	4
4	25	2	0	0	17	0.4	0.13	0	17	0	0	0	4
4	25	3	0	0	16	0.4	0.13	0	16	0	0	0	4
4	25	4	0	0	16	0.3	0.13	0	16	0	0	0	4
4	25	5	0	0	16	0.2	0.13	0	16	0	0	0	4
4	25	6	137	43	17	0.2	0.13	45.741	18.941	222.711	186.751	0.186751	4
4	25	7	240	126	18	0.3	0.13	192.871	26.228	1093.599	1026.781	1.026781	4
4	25	8	638	126	20	0.4	0.13	463.991	39.448	2677.427	2554.487	2.554487	4
4	25	9	716	149	21	0.4	0.13	673.175	49.138	3708.977	3549.486	3.549486	4
4	25	10	755	169	22	0.5	0.13	840.916	56.059	4464.654	4278.386	4.278386	4
4	25	11	780	180	23	0.5	0.13	949.553	61.415	4898.733	4697.084	4.697084	4
4	25	12	801	177	24	0.6	0.13	997.746	63.211	5096.072	4887.429	4.887429	4
4	25	13	760	198	25	0.6	0.13	963.488	62.867	4932.342	4729.501	4.729501	4
4	25	14	77	379	25	0.6	0.13	447.728	42.536	2459.318	2344.107	2.344107	4

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
4	25	15	270	316	24	0.5	0.13	526.425	45.296	2905.721	2774.692	2.774692	4
4	25	16	247	232	23	0.4	0.13	372.05	38.546	2119.903	2016.719	2.016719	4
4	25	17	464	119	22	0.3	0.13	276.425	33.8	1540.974	1458.303	1.458303	4
4	25	18	234	64	21	0.3	0.13	82.519	24.378	397.213	355.07	0.35507	4
4	25	19	0	0	20	0.3	0.13	0	20	0	0	0	4
4	25	20	0	0	19	0.3	0.13	0	19	0	0	0	4
4	25	21	0	0	19	0.3	0.13	0	19	0	0	0	4
4	25	22	0	0	19	0.3	0.13	0	19	0	0	0	4
4	25	23	0	0	19	0.4	0.13	0	19	0	0	0	4
4	26	0	0	0	19	0.4	0.13	0	19	0	0	0	4
4	26	1	0	0	19	0.4	0.13	0	19	0	0	0	4
4	26	2	0	0	19	0.4	0.13	0	19	0	0	0	4
4	26	3	0	0	18	0.4	0.13	0	18	0	0	0	4
4	26	4	0	0	17	0.3	0.13	0	17	0	0	0	4
4	26	5	0	0	15	0.3	0.13	0	15	0	0	0	4
4	26	6	46	44	14	0.4	0.13	42.552	15.74	227.501	191.372	0.191372	4
4	26	7	0	35	14	0.5	0.13	33.109	15.344	190.231	155.422	0.155422	4
4	26	8	0	139	14	0.5	0.13	132.375	19.36	783.069	727.254	0.727254	4
4	26	9	21	245	15	0.5	0.13	250.778	25.126	1466.137	1386.118	1.386118	4
4	26	10	555	276	15	0.5	0.13	775.782	46.384	4274.134	4094.616	4.094616	4
4	26	11	796	210	16	0.5	0.13	1001.215	56.497	5268.861	5054.096	5.054096	4
4	26	12	807	213	17	0.5	0.13	1046.703	59.319	5428.7	5208.272	5.208272	4
4	26	13	815	200	18	0.5	0.13	1013.911	59.009	5276.3	5061.272	5.061272	4
4	26	14	796	186	19	0.5	0.13	913.893	56.001	4843.209	4643.527	4.643527	4
4	26	15	748	170	18	0.5	0.13	743.871	48.172	4106.849	3933.259	3.933259	4
4	26	16	658	151	17	0.4	0.13	527.964	39.111	3047.225	2911.182	2.911182	4
4	26	17	508	120	16	0.3	0.13	292.573	28.486	1667.715	1580.553	1.580553	4
4	26	18	247	68	13	0.2	0.13	87.62	16.703	437.639	394.064	0.394064	4
4	26	19	0	0	10	0.2	0.13	0	10	0	0	0	4
4	26	20	0	0	9	0.2	0.13	0	9	0	0	0	4
4	26	21	0	0	9	0.4	0.13	0	9	0	0	0	4
4	26	22	0	0	8	0.4	0.13	0	8	0	0	0	4
4	26	23	0	0	7	0.3	0.13	0	7	0	0	0	4
4	27	0	0	0	7	0.2	0.13	0	7	0	0	0	4
4	27	1	0	0	7	0.2	0.13	0	7	0	0	0	4
4	27	2	0	0	7	0.2	0.13	0	7	0	0	0	4
4	27	3	0	0	6	0.2	0.13	0	6	0	0	0	4
4	27	4	0	0	6	0.2	0.13	0	6	0	0	0	4
4	27	5	0	0	6	0.2	0.13	0	6	0	0	0	4
4	27	6	208	53	8	0.2	0.13	58.732	10.471	292.006	253.592	0.253592	4
4	27	7	499	107	10	0.3	0.13	254.063	20.774	1453.75	1374.17	1.37417	4
4	27	8	277	211	13	0.4	0.13	355.887	27.883	2121.107	2017.88	2.01788	4
4	27	9	415	266	15	0.4	0.13	574.814	38.983	3276.362	3132.2	3.1322	4

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
4	27	10	503	293	17	0.4	0.13	748.371	48.172	4088.247	3915.316	3.915316	4
4	27	11	396	380	18	0.3	0.13	780.87	51.465	4177.971	4001.861	4.001861	4
4	27	12	280	444	18	0.3	0.13	748.567	50.039	4011.026	3840.831	3.840831	4
4	27	13	186	446	18	0.3	0.13	641.01	45.425	3494.676	3342.778	3.342778	4
4	27	14	180	401	18	0.3	0.13	569.522	42.393	3152.626	3012.848	3.012848	4
4	27	15	20	255	18	0.2	0.13	260.533	29.518	1495.087	1414.042	1.414042	4
4	27	16	15	192	18	0.2	0.13	191.996	26.512	1116.212	1048.592	1.048592	4
4	27	17	29	136	17	0.2	0.13	139.807	23.21	820.206	763.075	0.763075	4
4	27	18	0	19	14	0.2	0.13	17.951	14.795	98.895	67.323	0.067323	4
4	27	19	0	0	12	0.2	0.13	0	12	0	0	0	4
4	27	20	0	0	11	0.2	0.13	0	11	0	0	0	4
4	27	21	0	0	11	0.3	0.13	0	11	0	0	0	4
4	27	22	0	0	10	0.4	0.13	0	10	0	0	0	4
4	27	23	0	0	10	0.4	0.13	0	10	0	0	0	4
4	28	0	0	0	9	0.4	0.13	0	9	0	0	0	4
4	28	1	0	0	9	0.4	0.13	0	9	0	0	0	4
4	28	2	0	0	8	0.4	0.13	0	8	0	0	0	4
4	28	3	0	0	7	0.4	0.13	0	7	0	0	0	4
4	28	4	0	0	7	0.3	0.13	0	7	0	0	0	4
4	28	5	0	0	7	0.3	0.13	0	7	0	0	0	4
4	28	6	0	22	7	0.3	0.13	20.797	7.889	117.206	84.985	0.084985	4
4	28	7	0	70	9	0.3	0.13	66.325	11.859	398.265	356.085	0.356085	4
4	28	8	15	182	10	0.3	0.13	181.605	17.808	1093.689	1026.868	1.026868	4
4	28	9	219	312	11	0.4	0.13	470.168	30.59	2749.677	2624.177	2.624177	4
4	28	10	281	376	12	0.4	0.13	633.993	38.368	3584.054	3428.989	3.428989	4
4	28	11	158	442	13	0.4	0.13	607.027	38.191	3405.566	3256.825	3.256825	4
4	28	12	472	376	14	0.4	0.13	877.772	50.487	4710.99	4515.993	4.515993	4
4	28	13	346	415	14	0.4	0.13	773.605	46.143	4223.925	4046.186	4.046186	4
4	28	14	0	119	14	0.4	0.13	113.431	18.703	654.717	603.45	0.60345	4
4	28	15	103	326	13	0.4	0.13	399.32	29.613	2324.401	2213.97	2.21397	4
4	28	16	0	100	11	0.4	0.13	94.959	14.957	563.112	515.091	0.515091	4
4	28	17	0	26	8	0.4	0.13	24.587	9.028	143.16	110.02	0.11002	4
4	28	18	0	10	6	0.5	0.13	9.439	6.382	52.563	22.632	0.022632	4
4	28	19	0	0	5	0.4	0.13	0	5	0	0	0	4
4	28	20	0	0	4	0.3	0.13	0	4	0	0	0	4
4	28	21	0	0	3	0.3	0.13	0	3	0	0	0	4
4	28	22	0	0	3	0.3	0.13	0	3	0	0	0	4
4	28	23	0	0	2	0.3	0.13	0	2	0	0	0	4
4	29	0	0	0	2	0.3	0.13	0	2	0	0	0	4
4	29	1	0	0	2	0.2	0.13	0	2	0	0	0	4
4	29	2	0	0	2	0.2	0.13	0	2	0	0	0	4
4	29	3	0	0	2	0.2	0.13	0	2	0	0	0	4
4	29	4	0	0	2	0.2	0.13	0	2	0	0	0	4

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
4	29	5	0	0	2	0.2	0.13	0	2	0	0	0	4
4	29	6	107	64	3	0.3	0.13	63.531	5.661	352.172	311.625	0.311625	4
4	29	7	0	23	5	0.3	0.13	21.743	5.937	127.818	95.221	0.095221	4
4	29	8	0	66	7	0.3	0.13	62.565	9.689	373.784	332.472	0.332472	4
4	29	9	0	101	8	0.3	0.13	95.971	12.112	570.46	522.178	0.522178	4
4	29	10	23	298	9	0.3	0.13	308.192	22.182	1817.827	1725.346	1.725346	4
4	29	11	16	291	11	0.2	0.13	297.111	24.095	1729.329	1639.984	1.639984	4
4	29	12	424	386	12	0.2	0.13	839.746	49.119	4530.002	4341.418	4.341418	4
4	29	13	17	298	12	0.3	0.13	305.253	25.037	1770.668	1679.858	1.679858	4
4	29	14	9	221	12	0.3	0.13	220.449	21.424	1289.414	1215.657	1.215657	4
4	29	15	234	326	12	0.3	0.13	502.911	33.591	2905.098	2774.09	2.77409	4
4	29	16	303	226	11	0.3	0.13	397.15	28.111	2365.265	2253.386	2.253386	4
4	29	17	106	150	10	0.2	0.13	180.927	18.02	1085.184	1018.663	1.018663	4
4	29	18	25	66	8	0.3	0.13	63.555	10.714	369.502	328.341	0.328341	4
4	29	19	0	0	6	0.4	0.13	0	6	0	0	0	4
4	29	20	0	0	6	0.3	0.13	0	6	0	0	0	4
4	29	21	0	0	6	0.2	0.13	0	6	0	0	0	4
4	29	22	0	0	5	0.3	0.13	0	5	0	0	0	4
4	29	23	0	0	5	0.5	0.13	0	5	0	0	0	4
4	30	0	0	0	5	0.5	0.13	0	5	0	0	0	4
4	30	1	0	0	5	0.4	0.13	0	5	0	0	0	4
4	30	2	0	0	4	0.4	0.13	0	4	0	0	0	4
4	30	3	0	0	4	0.4	0.13	0	4	0	0	0	4
4	30	4	0	0	3	0.5	0.13	0	3	0	0	0	4
4	30	5	0	0	3	0.4	0.13	0	3	0	0	0	4
4	30	6	185	61	5	0.2	0.13	66.097	7.811	345.121	304.824	0.304824	4
4	30	7	458	121	8	0.1	0.13	257.588	19.668	1492.567	1411.611	1.411611	4
4	30	8	618	157	11	0.1	0.13	488.563	33.484	2883.071	2752.844	2.752844	4
4	30	9	710	180	13	0.2	0.13	704.031	44.286	3951.201	3783.126	3.783126	4
4	30	10	765	194	14	0.2	0.13	878.082	52.947	4716.883	4521.677	4.521677	4
4	30	11	799	200	15	0.2	0.13	989.611	58.848	5155.179	4944.442	4.944442	4
4	30	12	809	202	16	0.2	0.13	1031.955	61.707	5297.371	5081.596	5.081596	4
4	30	13	753	229	17	0.2	0.13	989.029	60.805	5101.152	4892.33	4.89233	4
4	30	14	34	337	18	0.3	0.13	365.28	33.62	2066.493	1965.201	1.965201	4
4	30	15	73	316	17	0.3	0.13	366.396	32.707	2099.467	1997.006	1.997006	4
4	30	16	165	245	16	0.3	0.13	334.641	30.401	1959.022	1861.538	1.861538	4
4	30	17	396	149	15	0.2	0.13	282.895	27.484	1629.877	1544.056	1.544056	4
4	30	18	12	64	12	0.2	0.13	60.767	14.686	350.769	310.272	0.310272	4
4	30	19	0	0	22	0.4	0.14	0	0	0	0	0	4
4	30	20	0	0	21	0.5	0.14	0	21	0	0	0	4
4	30	21	0	0	21	0.6	0.14	0	21	0	0	0	4
4	30	22	0	0	21	0.6	0.14	0	21	0	0	0	4
4	30	23	0	0	20	0.5	0.14	0	20	0	0	0	4

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
5	1	0	0	0	20	0.5	0.14	0	20	0	0	0	5
5	1	1	0	0	20	0.5	0.14	0	20	0	0	0	5
5	1	2	0	0	20	0.6	0.14	0	20	0	0	0	5
5	1	3	0	0	20	0.6	0.14	0	20	0	0	0	5
5	1	4	0	0	19	0.5	0.14	0	19	0	0	0	5
5	1	5	0	0	17	0.5	0.14	0	17	0	0	0	5
5	1	6	0	15	15	0.5	0.14	14.171	15.571	76.191	45.424	0.045424	5
5	1	7	0	45	14	0.5	0.14	42.608	15.73	246.977	210.157	0.210157	5
5	1	8	14	184	16	0.5	0.14	182.987	23.408	1076.99	1010.76	1.01076	5
5	1	9	398	277	17	0.6	0.14	569.387	39.407	3235.547	3092.831	3.092831	5
5	1	10	441	322	18	0.8	0.14	724.565	44.938	4003.245	3833.326	3.833326	5
5	1	11	932	118	19	0.9	0.14	1027.441	56.252	5421.169	5201.007	5.201007	5
5	1	12	925	127	19	0.9	0.14	1063.61	57.545	5567.588	5342.238	5.342238	5
5	1	13	296	433	18	1	0.14	742.95	44.158	4083.201	3910.449	3.910449	5
5	1	14	98	397	17	0.9	0.14	483.767	34.468	2749.882	2624.375	2.624375	5
5	1	15	808	134	16	0.8	0.14	750.953	44.021	4220.102	4042.499	4.042499	5
5	1	16	233	241	15	0.7	0.14	368.942	29.14	2179.699	2074.395	2.074395	5
5	1	17	0	112	14	0.6	0.14	106.093	18.184	631.068	580.639	0.580639	5
5	1	18	0	44	12	0.5	0.14	41.604	13.684	240.019	203.446	0.203446	5
5	1	19	0	0	10	0.4	0.14	0	0	0	0	0	5
5	1	20	0	0	9	0.4	0.14	0	9	0	0	0	5
5	1	21	0	0	9	0.4	0.14	0	9	0	0	0	5
5	1	22	0	0	8	0.4	0.14	0	8	0	0	0	5
5	1	23	0	0	8	0.5	0.14	0	8	0	0	0	5
5	2	0	0	0	8	0.5	0.14	0	8	0	0	0	5
5	2	1	0	0	8	0.5	0.14	0	8	0	0	0	5
5	2	2	0	0	8	0.5	0.14	0	8	0	0	0	5
5	2	3	0	0	8	0.5	0.14	0	8	0	0	0	5
5	2	4	0	0	8	0.6	0.14	0	8	0	0	0	5
5	2	5	0	0	8	0.6	0.14	0	8	0	0	0	5
5	2	6	397	47	8	0.6	0.14	69.871	10.491	308.399	269.403	0.269403	5
5	2	7	666	78	10	0.7	0.14	282.97	20.657	1611.96	1526.774	1.526774	5
5	2	8	795	96	12	0.7	0.14	522.946	32.117	3115.06	2976.614	2.976614	5
5	2	9	860	110	14	0.8	0.14	740.684	41.654	4212.05	4034.733	4.034733	5
5	2	10	310	374	15	0.8	0.14	656.983	39.403	3699.372	3540.221	3.540221	5
5	2	11	299	426	16	0.8	0.14	734.683	43.253	4054.555	3882.818	3.882818	5
5	2	12	200	465	17	0.8	0.14	679.678	42.183	3751.171	3590.184	3.590184	5
5	2	13	433	374	18	0.8	0.14	822.975	48.551	4454.494	4268.586	4.268586	5
5	2	14	380	361	18	0.8	0.14	712.892	44.485	3936.018	3768.481	3.768481	5
5	2	15	845	119	18	0.7	0.14	763.377	47.27	4234.698	4056.578	4.056578	5
5	2	16	116	246	17	0.6	0.14	307.954	29.123	1804.165	1712.169	1.712169	5
5	2	17	622	96	15	0.5	0.14	312.144	27.533	1781.875	1690.668	1.690668	5
5	2	18	408	59	14	0.3	0.14	99.573	17.969	459.287	414.945	0.414945	5

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
5	2	19	0	0	12	0.3	0.14	0	0	0	0	0	5
5	2	20	0	0	10	0.3	0.14	0	10	0	0	0	5
5	2	21	0	0	9	0.3	0.14	0	9	0	0	0	5
5	2	22	0	0	8	0.2	0.14	0	8	0	0	0	5
5	2	23	0	0	7	0.2	0.14	0	7	0	0	0	5
5	3	0	0	0	5	0.1	0.14	0	5	0	0	0	5
5	3	1	0	0	5	0.1	0.14	0	5	0	0	0	5
5	3	2	0	0	5	0.2	0.14	0	5	0	0	0	5
5	3	3	0	0	4	0.1	0.14	0	4	0	0	0	5
5	3	4	0	0	4	0.1	0.14	0	4	0	0	0	5
5	3	5	0	0	5	0.1	0.14	0	5	0	0	0	5
5	3	6	433	45	7	0.2	0.14	71.296	9.835	307.345	268.386	0.268386	5
5	3	7	685	74	9	0.3	0.14	285.922	21.096	1625.738	1540.063	1.540063	5
5	3	8	811	90	11	0.3	0.14	526.265	33.744	3115.414	2976.955	2.976955	5
5	3	9	877	102	12	0.3	0.14	742.826	44.015	4184.74	4008.39	4.00839	5
5	3	10	313	373	14	0.3	0.14	658.476	42.231	3665.383	3507.436	3.507436	5
5	3	11	314	421	15	0.3	0.14	743.782	46.849	4045.581	3874.162	3.874162	5
5	3	12	487	378	14	0.3	0.14	894.221	52.313	4759.573	4562.855	4.562855	5
5	3	13	107	443	14	0.3	0.14	550.029	37.511	3082.42	2945.13	2.94513	5
5	3	14	134	406	13	0.3	0.14	532.334	35.785	3017.19	2882.211	2.882211	5
5	3	15	7	202	13	0.3	0.14	198.751	21.511	1165.647	1096.275	1.096275	5
5	3	16	0	136	12	0.3	0.14	129.442	17.558	767.675	712.405	0.712405	5
5	3	17	8	133	11	0.2	0.14	128.629	16.717	774.107	718.609	0.718609	5
5	3	18	0	54	10	0.2	0.14	50.692	12.248	297.149	258.552	0.258552	5
5	3	19	0	0	10	0.2	0.14	0	0	0	0	0	5
5	3	20	0	0	10	0.2	0.14	0	10	0	0	0	5
5	3	21	0	0	10	0.2	0.14	0	10	0	0	0	5
5	3	22	0	0	10	0.3	0.14	0	10	0	0	0	5
5	3	23	0	0	9	0.3	0.14	0	9	0	0	0	5
5	4	0	0	0	9	0.4	0.14	0	9	0	0	0	5
5	4	1	0	0	9	0.4	0.14	0	9	0	0	0	5
5	4	2	0	0	10	0.5	0.14	0	10	0	0	0	5
5	4	3	0	0	10	0.4	0.14	0	10	0	0	0	5
5	4	4	0	0	9	0.2	0.14	0	9	0	0	0	5
5	4	5	0	0	9	0.2	0.14	0	9	0	0	0	5
5	4	6	0	17	9	0.2	0.14	16.063	9.711	89.706	58.459	0.058459	5
5	4	7	0	48	11	0.3	0.14	45.456	12.959	267.306	229.766	0.229766	5
5	4	8	0	75	13	0.4	0.14	71.147	15.965	415.763	372.963	0.372963	5
5	4	9	0	129	15	0.5	0.14	122.87	19.957	713.352	660.007	0.660007	5
5	4	10	0	121	16	0.5	0.14	115.354	20.644	661.014	609.524	0.609524	5
5	4	11	8	189	17	0.5	0.14	189.142	24.607	1082.374	1015.953	1.015953	5
5	4	12	8	184	18	0.5	0.14	184.711	25.426	1051.057	985.746	0.985746	5
5	4	13	6	170	18	0.5	0.14	168.829	24.789	960.969	898.85	0.89885	5

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
5	4	14	0	130	17	0.5	0.14	124.051	21.993	708.225	655.062	0.655062	5
5	4	15	0	111	17	0.4	0.14	105.607	21.386	605.016	555.51	0.55551	5
5	4	16	0	95	17	0.4	0.14	90.202	20.757	520.531	474.019	0.474019	5
5	4	17	0	60	16	0.3	0.14	56.857	18.45	329.19	289.457	0.289457	5
5	4	18	0	25	15	0.2	0.14	23.64	16.049	131.873	99.132	0.099132	5
5	4	19	0	0	15	0.2	0.14	0	0	0	0	0	5
5	4	20	0	0	14	0.2	0.14	0	14	0	0	0	5
5	4	21	0	0	14	0.2	0.14	0	14	0	0	0	5
5	4	22	0	0	14	0.3	0.14	0	14	0	0	0	5
5	4	23	0	0	14	0.4	0.14	0	14	0	0	0	5
5	5	0	0	0	13	0.4	0.14	0	13	0	0	0	5
5	5	1	0	0	13	0.4	0.14	0	13	0	0	0	5
5	5	2	0	0	12	0.4	0.14	0	12	0	0	0	5
5	5	3	0	0	11	0.4	0.14	0	11	0	0	0	5
5	5	4	0	0	11	0.3	0.14	0	11	0	0	0	5
5	5	5	0	0	10	0.3	0.14	0	10	0	0	0	5
5	5	6	57	61	9	0.4	0.14	59.257	11.434	332.297	292.455	0.292455	5
5	5	7	148	143	8	0.5	0.14	182.664	15.372	1096.866	1029.932	1.029932	5
5	5	8	0	22	8	0.5	0.14	20.831	8.843	119.098	86.81	0.08681	5
5	5	9	0	16	8	0.5	0.14	15.169	8.612	84.616	53.55	0.05355	5
5	5	10	2	149	8	0.6	0.14	144.088	13.637	856.439	798.024	0.798024	5
5	5	11	6	171	9	0.6	0.14	169.701	15.632	1002.537	938.945	0.938945	5
5	5	12	6	171	9	0.6	0.14	170.055	15.643	1003.129	939.516	0.939516	5
5	5	13	0	124	8	0.6	0.14	118.457	12.628	698.404	645.589	0.645589	5
5	5	14	9	209	8	0.6	0.14	208.626	16.161	1242.587	1170.489	1.170489	5
5	5	15	13	236	8	0.6	0.14	236.297	17.262	1416.841	1338.568	1.338568	5
5	5	16	0	80	8	0.6	0.14	75.914	10.983	452.977	408.858	0.408858	5
5	5	17	15	140	8	0.6	0.14	137.611	13.423	840.114	782.277	0.782277	5
5	5	18	0	61	7	0.6	0.14	56.997	9.243	340.398	300.269	0.300269	5
5	5	19	0	0	7	0.6	0.14	0	0	0	0	0	5
5	5	20	0	0	7	0.5	0.14	0	7	0	0	0	5
5	5	21	0	0	7	0.4	0.14	0	7	0	0	0	5
5	5	22	0	0	7	0.3	0.14	0	7	0	0	0	5
5	5	23	0	0	6	0.3	0.14	0	6	0	0	0	5
5	6	0	0	0	6	0.2	0.14	0	6	0	0	0	5
5	6	1	0	0	6	0.2	0.14	0	6	0	0	0	5
5	6	2	0	0	6	0.2	0.14	0	6	0	0	0	5
5	6	3	0	0	6	0.2	0.14	0	6	0	0	0	5
5	6	4	0	0	5	0.3	0.14	0	5	0	0	0	5
5	6	5	0	0	5	0.3	0.14	0	5	0	0	0	5
5	6	6	90	62	6	0.3	0.14	62.851	8.644	349.381	308.933	0.308933	5
5	6	7	178	142	7	0.3	0.14	191.278	15.189	1147.507	1078.778	1.078778	5
5	6	8	155	238	10	0.3	0.14	316.033	23.602	1898.581	1803.239	1.803239	5

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
5	6	9	451	261	12	0.3	0.14	597.941	37.711	3423.735	3274.35	3.27435	5
5	6	10	873	130	13	0.4	0.14	900.602	50.569	4892.14	4690.724	4.690724	5
5	6	11	236	446	14	0.4	0.14	684.855	42.43	3784.056	3621.904	3.621904	5
5	6	12	161	472	14	0.4	0.14	646.751	40.82	3582.625	3427.611	3.427611	5
5	6	13	335	428	15	0.5	0.14	774.37	46.229	4221.191	4043.55	4.04355	5
5	6	14	319	386	14	0.5	0.14	683.314	41.584	3809.715	3646.654	3.646654	5
5	6	15	106	335	14	0.4	0.14	409.454	31.029	2368.49	2256.497	2.256497	5
5	6	16	0	96	13	0.4	0.14	91.155	16.797	534.84	487.821	0.487821	5
5	6	17	591	106	12	0.3	0.14	312.739	25.343	1806.263	1714.192	1.714192	5
5	6	18	405	62	11	0.2	0.14	102.551	15.234	484.002	438.784	0.438784	5
5	6	19	0	0	9	0.2	0.14	0	0	0	0	0	5
5	6	20	0	0	8	0.3	0.14	0	8	0	0	0	5
5	6	21	0	0	7	0.2	0.14	0	7	0	0	0	5
5	6	22	0	0	5	0.2	0.14	0	5	0	0	0	5
5	6	23	0	0	4	0.2	0.14	0	4	0	0	0	5
5	7	0	0	0	4	0.2	0.14	0	4	0	0	0	5
5	7	1	0	0	3	0.2	0.14	0	3	0	0	0	5
5	7	2	0	0	2	0.2	0.14	0	2	0	0	0	5
5	7	3	0	0	2	0.2	0.14	0	2	0	0	0	5
5	7	4	0	0	1	0.2	0.14	0	1	0	0	0	5
5	7	5	0	0	2	0.2	0.14	0	2	0	0	0	5
5	7	6	482	47	4	0.2	0.14	80.125	7.175	347.754	307.364	0.307364	5
5	7	7	722	74	7	0.3	0.14	301.374	19.76	1729.784	1640.423	1.640423	5
5	7	8	836	91	10	0.4	0.14	544.046	32.804	3231.617	3089.04	3.08904	5
5	7	9	900	103	12	0.5	0.14	763.088	42.972	4314.533	4133.584	4.133584	5
5	7	10	945	106	13	0.5	0.14	939.221	51.049	5092.513	4883.997	4.883997	5
5	7	11	961	111	14	0.6	0.14	1049.677	55.278	5557.04	5332.064	5.332064	5
5	7	12	961	115	15	0.6	0.14	1087.898	57.763	5685.152	5455.637	5.455637	5
5	7	13	957	111	16	0.6	0.14	1054.696	57.471	5528.514	5304.549	5.304549	5
5	7	14	935	109	16	0.6	0.14	950.453	53.408	5096.922	4888.249	4.888249	5
5	7	15	898	102	15	0.6	0.14	783.676	45.899	4372.298	4189.302	4.189302	5
5	7	16	833	93	14	0.5	0.14	571.136	37.233	3328.934	3182.909	3.182909	5
5	7	17	723	79	13	0.4	0.14	332.84	26.755	1904.832	1809.268	1.809268	5
5	7	18	516	53	11	0.3	0.14	108.381	15.248	484.916	439.665	0.439665	5
5	7	19	0	0	9	0.2	0.14	0	0	0	0	0	5
5	7	20	0	0	7	0.2	0.14	0	7	0	0	0	5
5	7	21	0	0	5	0.2	0.14	0	5	0	0	0	5
5	7	22	0	0	4	0.2	0.14	0	4	0	0	0	5
5	7	23	0	0	3	0.2	0.14	0	3	0	0	0	5
5	8	0	0	0	2	0.2	0.14	0	2	0	0	0	5
5	8	1	0	0	1	0.2	0.14	0	1	0	0	0	5
5	8	2	0	0	0	0.2	0.14	0	0	0	0	0	5
5	8	3	0	0	0	0.2	0.14	0	0	0	0	0	5

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
5	8	4	0	0	0	0.2	0.14	0	0	0	0	0	5
5	8	5	0	0	0	0.2	0.14	0	0	0	0	0	5
5	8	6	531	46	2	0.2	0.14	83.953	5.294	359.359	318.557	0.318557	5
5	8	7	761	71	6	0.2	0.14	312.688	19.659	1796.355	1704.635	1.704635	5
5	8	8	873	85	10	0.2	0.14	558.496	34.902	3291.691	3146.985	3.146985	5
5	8	9	932	95	12	0.3	0.14	778.669	45.556	4356.91	4174.46	4.17446	5
5	8	10	955	106	14	0.4	0.14	948.272	53.565	5086.075	4877.787	4.877787	5
5	8	11	958	116	15	0.4	0.14	1052.057	58.845	5483.102	5260.746	5.260746	5
5	8	12	952	119	16	0.4	0.14	1083.001	61.116	5576.852	5351.174	5.351174	5
5	8	13	936	118	17	0.4	0.14	1041.397	60.395	5389.554	5170.513	5.170513	5
5	8	14	899	119	17	0.4	0.14	928.719	55.736	4930.416	4727.644	4.727644	5
5	8	15	842	117	17	0.4	0.14	760.083	48.755	4187.488	4011.04	4.01104	5
5	8	16	749	113	17	0.3	0.14	544.113	40.491	3124.079	2985.312	2.985312	5
5	8	17	62	159	16	0.2	0.14	172.683	23.662	1014.945	950.914	0.950914	5
5	8	18	23	72	13	0.3	0.14	69.078	15.957	397.807	355.643	0.355643	5
5	8	19	0	0	12	0.5	0.13	0	0	0	0	0	5
5	8	20	0	0	11	0.3	0.13	0	11	0	0	0	5
5	8	21	0	0	11	0.1	0.13	0	11	0	0	0	5
5	8	22	0	0	10	0.1	0.13	0	10	0	0	0	5
5	8	23	0	0	10	0.1	0.13	0	10	0	0	0	5
5	9	0	0	0	9	0.1	0.13	0	9	0	0	0	5
5	9	1	0	0	9	0.1	0.13	0	9	0	0	0	5
5	9	2	0	0	8	0.1	0.13	0	8	0	0	0	5
5	9	3	0	0	8	0.1	0.13	0	8	0	0	0	5
5	9	4	0	0	8	0.1	0.13	0	8	0	0	0	5
5	9	5	0	0	9	0.1	0.13	0	9	0	0	0	5
5	9	6	0	13	9	0.1	0.13	12.274	9.562	68.148	37.665	0.037665	5
5	9	7	0	35	9	0.2	0.13	33.113	10.472	194.082	159.137	0.159137	5
5	9	8	0	75	10	0.2	0.13	71.129	13.152	420.179	377.222	0.377222	5
5	9	9	0	96	11	0.1	0.13	91.196	15.162	533.45	486.48	0.48648	5
5	9	10	5	179	12	0.1	0.13	175.644	20.001	1024.924	960.539	0.960539	5
5	9	11	15	278	13	0.1	0.13	282.841	25.871	1630.724	1544.873	1.544873	5
5	9	12	3	150	14	0.2	0.13	146.618	20.456	843.507	785.55	0.78555	5
5	9	13	6	170	15	0.2	0.13	168.737	22.433	969.333	906.918	0.906918	5
5	9	14	2	152	16	0.2	0.13	146.987	22.48	842.786	784.854	0.784854	5
5	9	15	17	252	16	0.2	0.13	254.651	27.252	1470.998	1390.807	1.390807	5
5	9	16	0	58	16	0.2	0.13	54.982	18.436	313.619	274.438	0.274438	5
5	9	17	0	20	15	0.2	0.13	18.911	15.841	105.344	73.543	0.073543	5
5	9	18	94	90	14	0.1	0.13	92.329	18.169	513.498	467.234	0.467234	5
5	9	19	0	0	13	0.1	0.13	0	0	0	0	0	5
5	9	20	0	0	13	0.1	0.13	0	13	0	0	0	5
5	9	21	0	0	13	0.1	0.13	0	13	0	0	0	5
5	9	22	0	0	12	0.1	0.13	0	12	0	0	0	5

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
5	9	23	0	0	12	0.1	0.13	0	12	0	0	0	5
5	10	0	0	0	12	0.1	0.13	0	12	0	0	0	5
5	10	1	0	0	11	0.1	0.13	0	11	0	0	0	5
5	10	2	0	0	11	0.1	0.13	0	11	0	0	0	5
5	10	3	0	0	12	0.1	0.13	0	12	0	0	0	5
5	10	4	0	0	12	0.1	0.13	0	12	0	0	0	5
5	10	5	0	0	12	0.1	0.13	0	0	0	0	0	5
5	10	6	125	76	13	0.1	0.13	78.18	16.498	421.316	378.319	0.378319	5
5	10	7	0	119	15	0.2	0.13	112.313	19.994	664.867	613.24	0.61324	5
5	10	8	0	129	18	0.2	0.13	122.58	23.433	708.856	655.671	0.655671	5
5	10	9	526	262	20	0.1	0.13	653.64	49.959	3562.712	3408.403	3.408403	5
5	10	10	630	258	23	0.1	0.13	826.574	60.83	4277.325	4097.694	4.097694	5
5	10	11	685	254	25	0.1	0.13	940.222	67.994	4691.649	4497.337	4.497337	5
5	10	12	730	234	26	0.2	0.13	990.916	69.863	4896.052	4694.498	4.694498	5
5	10	13	741	217	27	0.3	0.13	963.72	68.359	4803.229	4604.963	4.604963	5
5	10	14	723	202	27	0.3	0.13	864.99	64.159	4414.496	4230.005	4.230005	5
5	10	15	148	344	26	0.3	0.13	454.732	45.5	2486.777	2370.592	2.370592	5
5	10	16	62	242	25	0.2	0.13	269.232	36.937	1516.401	1434.601	1.434601	5
5	10	17	369	159	24	0.2	0.13	283.308	36.513	1578.104	1494.118	1.494118	5
5	10	18	192	87	22	0.1	0.13	101.318	26.508	519.142	472.678	0.472678	5
5	10	19	0	0	20	0.1	0.13	0	0	0	0	0	5
5	10	20	0	0	20	0.2	0.13	0	20	0	0	0	5
5	10	21	0	0	20	0.2	0.13	0	20	0	0	0	5
5	10	22	0	0	20	0.2	0.13	0	20	0	0	0	5
5	10	23	0	0	20	0.2	0.13	0	20	0	0	0	5
5	11	0	0	0	20	0.2	0.13	0	20	0	0	0	5
5	11	1	0	0	20	0.3	0.13	0	20	0	0	0	5
5	11	2	0	0	20	0.3	0.13	0	20	0	0	0	5
5	11	3	0	0	20	0.3	0.13	0	20	0	0	0	5
5	11	4	0	0	20	0.3	0.13	0	20	0	0	0	5
5	11	5	0	0	20	0.3	0.13	0	0	0	0	0	5
5	11	6	0	38	20	0.4	0.13	35.97	21.499	198.984	163.865	0.163865	5
5	11	7	0	101	20	0.4	0.13	95.477	23.991	552.157	504.524	0.504524	5
5	11	8	117	242	20	0.3	0.13	299.394	32.879	1727.081	1637.815	1.637815	5
5	11	9	181	333	20	0.3	0.13	463.245	39.878	2600.271	2480.066	2.480066	5
5	11	10	23	309	21	0.3	0.13	318.313	34.608	1785.428	1694.095	1.694095	5
5	11	11	6	173	21	0.3	0.13	171.542	28.323	962.647	900.469	0.900469	5
5	11	12	29	371	21	0.3	0.13	399.253	38.043	2208.841	2102.505	2.102505	5
5	11	13	11	237	21	0.3	0.13	238.834	31.196	1339.732	1264.192	1.264192	5
5	11	14	87	400	21	0.3	0.13	474.85	41.311	2620.558	2499.634	2.499634	5
5	11	15	36	294	20	0.3	0.13	314.976	33.491	1786.413	1695.046	1.695046	5
5	11	16	0	78	19	0.3	0.13	73.992	22.176	420.488	377.52	0.37752	5
5	11	17	0	7	18	0.3	0.13	6.615	18.285	34.568	5.275	0.005275	5

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
5	11	18	0	3	17	0.3	0.13	2.83	17.122	14.183	0	0	5
5	11	19	0	0	16	0.3	0.13	0	0	0	0	0	5
5	11	20	0	0	15	0.2	0.13	0	15	0	0	0	5
5	11	21	0	0	15	0.2	0.13	0	15	0	0	0	5
5	11	22	0	0	14	0.3	0.13	0	14	0	0	0	5
5	11	23	0	0	14	0.3	0.13	0	14	0	0	0	5
5	12	0	0	0	13	0.3	0.13	0	13	0	0	0	5
5	12	1	0	0	12	0.3	0.13	0	12	0	0	0	5
5	12	2	0	0	12	0.3	0.13	0	12	0	0	0	5
5	12	3	0	0	11	0.3	0.13	0	11	0	0	0	5
5	12	4	0	0	11	0.3	0.13	0	11	0	0	0	5
5	12	5	0	0	11	0.3	0.13	0	0	0	0	0	5
5	12	6	0	34	11	0.3	0.13	32.17	12.382	184.587	149.979	0.149979	5
5	12	7	0	90	12	0.3	0.13	85.165	15.67	507.59	461.536	0.461536	5
5	12	8	0	134	13	0.4	0.13	127.333	18.305	752.854	698.109	0.698109	5
5	12	9	5	187	14	0.4	0.13	182.257	21.571	1065.709	999.879	0.999879	5
5	12	10	4	166	15	0.4	0.13	162.162	21.723	936.735	875.475	0.875475	5
5	12	11	13	259	15	0.4	0.13	262.136	25.857	1507.584	1426.097	1.426097	5
5	12	12	16	294	16	0.4	0.13	300.253	28.431	1713.494	1624.71	1.62471	5
5	12	13	64	426	16	0.3	0.13	488.304	36.859	2732.42	2607.531	2.607531	5
5	12	14	17	288	16	0.3	0.13	292.733	28.511	1677.045	1589.553	1.589553	5
5	12	15	117	343	16	0.2	0.13	430.098	35.024	2450.036	2335.153	2.335153	5
5	12	16	22	213	16	0.2	0.13	215.609	25.554	1260.609	1187.873	1.187873	5
5	12	17	7	137	15	0.1	0.13	131.866	21.052	779.805	724.106	0.724106	5
5	12	18	0	61	14	0.1	0.13	57.171	16.622	332.327	292.484	0.292484	5
5	12	19	0	3	13	0.1	0.13	2.91	13.115	9.752	0	0	5
5	12	20	0	0	12	0.2	0.13	0	12	0	0	0	5
5	12	21	0	0	11	0.2	0.13	0	11	0	0	0	5
5	12	22	0	0	11	0.2	0.13	0	11	0	0	0	5
5	12	23	0	0	10	0.2	0.13	0	10	0	0	0	5
5	13	0	0	0	9	0.2	0.13	0	9	0	0	0	5
5	13	1	0	0	8	0.2	0.13	0	8	0	0	0	5
5	13	2	0	0	8	0.1	0.13	0	8	0	0	0	5
5	13	3	0	0	7	0.1	0.13	0	7	0	0	0	5
5	13	4	0	0	7	0.1	0.13	0	7	0	0	0	5
5	13	5	0	0	8	0.1	0.13	0	0	0	0	0	5
5	13	6	412	58	10	0.2	0.13	88.406	13.611	405.457	363.022	0.363022	5
5	13	7	644	90	13	0.2	0.13	296.46	25.985	1675.126	1587.702	1.587702	5
5	13	8	766	109	16	0.3	0.13	527.991	38.802	3055.067	2918.746	2.918746	5
5	13	9	836	122	18	0.3	0.13	740.691	49.904	4063.309	3891.262	3.891262	5
5	13	10	874	133	19	0.3	0.13	905.582	57.935	4763.19	4566.344	4.566344	5
5	13	11	891	140	20	0.3	0.13	1011.376	63.437	5164.135	4953.082	4.953082	5
5	13	12	896	140	21	0.3	0.13	1047.545	65.974	5277.877	5062.793	5.062793	5

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
5	13	13	890	137	22	0.3	0.13	1015.261	65.601	5132.143	4922.223	4.922223	5
5	13	14	869	131	22	0.3	0.13	914.149	61.296	4734.104	4538.288	4.538288	5
5	13	15	829	122	22	0.3	0.13	756.169	54.56	4061.841	3889.846	3.889846	5
5	13	16	763	109	21	0.2	0.13	549.754	45.487	3091.232	2953.629	2.953629	5
5	13	17	650	91	20	0.2	0.13	321.992	34.173	1795.458	1703.769	1.703769	5
5	13	18	445	62	17	0.4	0.13	111.533	21.326	514.039	467.756	0.467756	5
5	13	19	48	10	15	0.6	0.13	9.698	15.33	34.172	4.893	0.004893	5
5	13	20	0	0	13	0.5	0.13	0	13	0	0	0	5
5	13	21	0	0	13	0.3	0.13	0	13	0	0	0	5
5	13	22	0	0	13	0.2	0.13	0	13	0	0	0	5
5	13	23	0	0	13	0.2	0.13	0	13	0	0	0	5
5	14	0	0	0	12	0.2	0.13	0	12	0	0	0	5
5	14	1	0	0	12	0.2	0.13	0	12	0	0	0	5
5	14	2	0	0	11	0.2	0.13	0	11	0	0	0	5
5	14	3	0	0	11	0.2	0.13	0	11	0	0	0	5
5	14	4	0	0	11	0.2	0.13	0	11	0	0	0	5
5	14	5	0	0	11	0.2	0.13	0	0	0	0	0	5
5	14	6	386	57	13	0.2	0.13	85.548	16.505	390.439	348.536	0.348536	5
5	14	7	622	88	16	0.3	0.13	287.955	28.226	1612.344	1527.144	1.527144	5
5	14	8	743	107	19	0.4	0.13	513.973	40.532	2951.43	2818.782	2.818782	5
5	14	9	809	123	22	0.4	0.13	722.245	52.176	3923.047	3755.97	3.75597	5
5	14	10	846	134	24	0.5	0.13	882.141	59.721	4603.991	4412.785	4.412785	5
5	14	11	864	142	25	0.5	0.13	987.155	64.93	5007.879	4802.362	4.802362	5
5	14	12	866	147	26	0.5	0.13	1024.329	67.418	5127.866	4918.097	4.918097	5
5	14	13	881	132	26	0.5	0.13	1001.348	66.504	5042.453	4835.711	4.835711	5
5	14	14	854	131	26	0.5	0.13	900.816	62.471	4640.856	4448.344	4.448344	5
5	14	15	384	308	25	0.5	0.13	601.183	49.321	3268.379	3124.5	3.1245	5
5	14	16	720	122	24	0.4	0.13	538.551	46.547	3011.326	2876.555	2.876555	5
5	14	17	477	130	23	0.3	0.13	296.842	35.689	1653.514	1566.855	1.566855	5
5	14	18	390	69	21	0.2	0.13	110.609	25.613	516.179	469.821	0.469821	5
5	14	19	31	11	19	0.2	0.13	10.668	19.409	36.987	7.609	0.007609	5
5	14	20	0	0	18	0.2	0.13	0	18	0	0	0	5
5	14	21	0	0	18	0.2	0.13	0	18	0	0	0	5
5	14	22	0	0	17	0.2	0.13	0	17	0	0	0	5
5	14	23	0	0	16	0.1	0.13	0	16	0	0	0	5
5	15	0	0	0	16	0.1	0.13	0	16	0	0	0	5
5	15	1	0	0	17	0.1	0.13	0	17	0	0	0	5
5	15	2	0	0	16	0.1	0.13	0	16	0	0	0	5
5	15	3	0	0	15	0.3	0.13	0	15	0	0	0	5
5	15	4	0	0	14	0.4	0.13	0	14	0	0	0	5
5	15	5	0	0	14	0.3	0.13	0	0	0	0	0	5
5	15	6	325	64	16	0.3	0.13	85.684	19.456	403.722	361.348	0.361348	5
5	15	7	566	99	18	0.3	0.13	280.96	29.942	1567.492	1483.882	1.483882	5

Month	Day	Hour	Beam Irradiance (W/m ²)	Diffuse Irradiance (W/m ²)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m ²)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
5	15	8	700	119	20	0.2	0.13	502.777	42.398	2861.595	2732.129	2.732129	5
5	15	9	781	131	22	0.2	0.13	710.119	53.555	3832.498	3668.629	3.668629	5
5	15	10	840	132	24	0.1	0.13	874.903	64.087	4478.558	4291.797	4.291797	5
5	15	11	860	139	25	0.1	0.13	980.175	69.863	4862.495	4662.13	4.66213	5
5	15	12	865	142	26	0.1	0.13	1018.184	72.585	4977.857	4773.403	4.773403	5
5	15	13	855	144	27	0.1	0.13	987.908	72.211	4844.929	4645.186	4.645186	5
5	15	14	832	140	28	0.1	0.13	895.496	69.018	4476.699	4290.004	4.290004	5
5	15	15	790	133	27	0	0.13	738.408	62.008	3836.07	3672.075	3.672075	5
5	15	16	727	117	28	0	0.13	537.865	53.565	2918.798	2787.305	2.787305	5
5	15	17	618	97	27	0.1	0.13	317.477	41.441	1719.874	1630.864	1.630864	5
5	15	18	424	65	25	0.4	0.13	112.738	29.397	510.009	463.87	0.46387	5
5	15	19	0	14	23	0.7	0.13	13.578	23.449	46.682	16.96	0.01696	5
5	15	20	0	0	21	0.9	0.13	0	21	0	0	0	5
5	15	21	0	0	19	0.9	0.13	0	19	0	0	0	5
5	15	22	0	0	17	0.6	0.13	0	17	0	0	0	5
5	15	23	0	0	16	0.3	0.13	0	16	0	0	0	5
5	16	0	0	0	16	0.2	0.13	0	16	0	0	0	5
5	16	1	0	0	15	0.2	0.13	0	15	0	0	0	5
5	16	2	0	0	15	0.2	0.13	0	15	0	0	0	5
5	16	3	0	0	15	0.2	0.13	0	15	0	0	0	5
5	16	4	0	0	14	0.2	0.13	0	14	0	0	0	5
5	16	5	0	0	15	0.2	0.13	0	0	0	0	0	5
5	16	6	402	58	17	0.2	0.13	88.77	20.634	397.694	355.534	0.355534	5
5	16	7	621	89	20	0.3	0.13	289.51	32.295	1596.389	1511.755	1.511755	5
5	16	8	741	108	23	0.3	0.13	514.551	45.219	2897.107	2766.383	2.766383	5
5	16	9	809	121	25	0.4	0.13	720.496	55.102	3864.109	3699.12	3.69912	5
5	16	10	846	130	26	0.4	0.13	878.136	62.622	4524.502	4336.113	4.336113	5
5	16	11	866	137	27	0.4	0.13	983.862	67.988	4922.662	4720.164	4.720164	5
5	16	12	872	140	28	0.5	0.13	1023.055	69.367	5076.382	4868.438	4.868438	5
5	16	13	876	132	28	0.5	0.13	996.301	68.298	4975.887	4771.504	4.771504	5
5	16	14	861	126	28	0.5	0.13	902.127	64.524	4604.978	4413.737	4.413737	5
5	16	15	828	118	27	0.4	0.13	751.936	58.407	3971.318	3802.531	3.802531	5
5	16	16	771	104	26	0.4	0.13	550.519	49.053	3048.909	2912.806	2.912806	5
5	16	17	672	86	25	0.3	0.13	326.592	38.932	1786.625	1695.25	1.69525	5
5	16	18	483	60	23	0.2	0.13	116.004	27.766	514.992	468.676	0.468676	5
5	16	19	84	13	21	0.2	0.13	12.608	21.483	43.622	14.008	0.014008	5
5	16	20	0	0	21	0.2	0.13	0	21	0	0	0	5
5	16	21	0	0	20	0.2	0.13	0	20	0	0	0	5
5	16	22	0	0	20	0.2	0.13	0	20	0	0	0	5
5	16	23	0	0	19	0.2	0.13	0	19	0	0	0	5
5	17	0	0	0	19	0.2	0.13	0	19	0	0	0	5
5	17	1	0	0	19	0.2	0.13	0	19	0	0	0	5
5	17	2	0	0	20	0.2	0.13	0	20	0	0	0	5

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
5	17	3	0	0	20	0.2	0.13	0	20	0	0	0	5
5	17	4	0	0	19	0.2	0.13	0	19	0	0	0	5
5	17	5	0	0	19	0.2	0.13	0	0	0	0	0	5
5	17	6	41	71	20	0.3	0.13	68.534	22.923	377.533	336.087	0.336087	5
5	17	7	30	143	21	0.4	0.13	144.704	27.04	835.189	777.527	0.777527	5
5	17	8	465	193	23	0.4	0.13	446.297	41.666	2529.168	2411.481	2.411481	5
5	17	9	283	322	25	0.4	0.13	530.913	47.112	2904.516	2773.53	2.77353	5
5	17	10	826	143	26	0.5	0.13	878.629	61.572	4545.503	4356.37	4.35637	5
5	17	11	853	147	27	0.6	0.13	981.125	65.562	4961.873	4757.986	4.757986	5
5	17	12	171	479	28	0.7	0.13	660.767	53.14	3475.336	3324.123	3.324123	5
5	17	13	91	449	28	0.6	0.13	537.394	49.015	2865.455	2735.853	2.735853	5
5	17	14	184	421	27	0.6	0.13	588.777	50.068	3150.632	3010.925	3.010925	5
5	17	15	357	316	27	0.5	0.13	588.671	50.809	3176.373	3035.753	3.035753	5
5	17	16	739	116	26	0.5	0.13	544.481	48.133	3024.487	2889.249	2.889249	5
5	17	17	351	147	25	0.4	0.13	267.356	36.103	1490.208	1409.336	1.409336	5
5	17	18	388	72	24	0.4	0.13	114.457	28.503	533.303	486.338	0.486338	5
5	17	19	0	13	23	0.3	0.13	12.608	23.468	43.174	13.576	0.013576	5
5	17	20	0	0	22	0.3	0.13	0	22	0	0	0	5
5	17	21	0	0	22	0.3	0.13	0	22	0	0	0	5
5	17	22	0	0	21	0.2	0.13	0	21	0	0	0	5
5	17	23	0	0	21	0.2	0.13	0	21	0	0	0	5
5	18	0	0	0	21	0.2	0.13	0	21	0	0	0	5
5	18	1	0	0	21	0.2	0.13	0	21	0	0	0	5
5	18	2	0	0	21	0.3	0.13	0	21	0	0	0	5
5	18	3	0	0	21	0.2	0.13	0	21	0	0	0	5
5	18	4	0	0	21	0.2	0.13	0	21	0	0	0	5
5	18	5	0	0	21	0.2	0.13	0	0	0	0	0	5
5	18	6	116	76	22	0.3	0.13	79.056	25.328	414.058	371.318	0.371318	5
5	18	7	164	156	23	0.4	0.13	201.194	31.365	1137.546	1069.17	1.06917	5
5	18	8	0	145	24	0.5	0.13	137.759	29.571	778.95	723.28	0.72328	5
5	18	9	417	284	25	0.5	0.13	595.602	49.107	3246.143	3103.051	3.103051	5
5	18	10	0	78	25	0.5	0.13	74.156	27.984	403.669	361.298	0.361298	5
5	18	11	73	433	25	0.5	0.13	502.286	45.211	2717.68	2593.314	2.593314	5
5	18	12	186	479	26	0.5	0.13	675.556	53.199	3554.119	3400.115	3.400115	5
5	18	13	268	452	26	0.4	0.13	729.86	56.293	3802.548	3639.741	3.639741	5
5	18	14	321	394	26	0.4	0.13	690.433	54.698	3639.893	3482.849	3.482849	5
5	18	15	692	175	25	0.3	0.13	708.824	55.498	3781.017	3618.973	3.618973	5
5	18	16	623	154	24	0.2	0.13	516.218	46.973	2872.472	2742.621	2.742621	5
5	18	17	166	170	23	0.2	0.13	221.5	32.81	1255.827	1183.26	1.18326	5
5	18	18	94	88	22	0.2	0.13	92.044	26.027	496.526	450.864	0.450864	5
5	18	19	0	10	21	0.2	0.13	9.698	21.372	33.116	3.875	0.003875	5
5	18	20	0	0	21	0.2	0.13	0	21	0	0	0	5
5	18	21	0	0	21	0.2	0.13	0	21	0	0	0	5

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
5	18	22	0	0	20	0.2	0.13	0	20	0	0	0	5
5	18	23	0	0	20	0.2	0.13	0	20	0	0	0	5
5	19	0	0	0	20	0.2	0.13	0	20	0	0	0	5
5	19	1	0	0	20	0.2	0.13	0	20	0	0	0	5
5	19	2	0	0	20	0.1	0.13	0	20	0	0	0	5
5	19	3	0	0	19	0.1	0.13	0	19	0	0	0	5
5	19	4	0	0	19	0.1	0.13	0	19	0	0	0	5
5	19	5	0	0	19	0.1	0.13	0	0	0	0	0	5
5	19	6	382	60	21	0.2	0.13	88.899	24.657	396.654	354.531	0.354531	5
5	19	7	607	89	23	0.2	0.13	286.017	35.538	1557.6	1474.34	1.47434	5
5	19	8	425	204	25	0.2	0.13	435.297	44.359	2435.122	2320.768	2.320768	5
5	19	9	484	255	26	0.3	0.13	615.978	52.481	3315.507	3169.957	3.169957	5
5	19	10	323	385	27	0.3	0.13	676.381	55.988	3548.324	3394.524	3.394524	5
5	19	11	352	420	27	0.3	0.13	775.235	60.192	3980.527	3811.413	3.811413	5
5	19	12	219	476	28	0.3	0.13	705.325	58.158	3635.672	3478.778	3.478778	5
5	19	13	392	403	27	0.4	0.13	800.69	60.261	4112.48	3938.69	3.93869	5
5	19	14	0	69	26	0.4	0.13	65.6	28.718	353.615	313.017	0.313017	5
5	19	15	5	187	25	0.3	0.13	182.323	32.803	1015.743	951.683	0.951683	5
5	19	16	0	32	24	0.2	0.13	30.314	25.342	162.809	128.972	0.128972	5
5	19	17	0	78	23	0.2	0.13	73.95	26.286	417.713	374.844	0.374844	5
5	19	18	0	36	22	0.1	0.13	34.058	23.563	188.022	153.292	0.153292	5
5	19	19	0	3	21	0.1	0.13	2.828	21.112	9.029	0	0	5
5	19	20	0	0	20	0.1	0.13	0	20	0	0	0	5
5	19	21	0	0	20	0.1	0.13	0	20	0	0	0	5
5	19	22	0	0	19	0.1	0.13	0	19	0	0	0	5
5	19	23	0	0	19	0.1	0.13	0	19	0	0	0	5
5	20	0	0	0	18	0.1	0.13	0	18	0	0	0	5
5	20	1	0	0	18	0.1	0.13	0	18	0	0	0	5
5	20	2	0	0	18	0.1	0.13	0	18	0	0	0	5
5	20	3	0	0	18	0.1	0.13	0	18	0	0	0	5
5	20	4	0	0	17	0.1	0.13	0	17	0	0	0	5
5	20	5	0	0	17	0.2	0.13	0	0	0	0	0	5
5	20	6	0	6	17	0.2	0.13	5.662	17.251	29.351	0.243	0.000243	5
5	20	7	25	143	18	0.3	0.13	143.031	24.155	835.584	777.907	0.777907	5
5	20	8	41	226	20	0.3	0.13	239.42	30.287	1380.251	1303.276	1.303276	5
5	20	9	85	328	22	0.3	0.13	382.278	38.385	2140.98	2037.049	2.037049	5
5	20	10	110	406	23	0.3	0.13	497.676	44.293	2717.349	2592.995	2.592995	5
5	20	11	365	413	24	0.3	0.13	780.386	57.415	4057.331	3885.496	3.885496	5
5	20	12	253	470	25	0.3	0.13	741.422	56.708	3849.794	3685.312	3.685312	5
5	20	13	5	165	26	0.4	0.13	162.849	32.742	894.163	834.411	0.834411	5
5	20	14	9	217	26	0.3	0.13	216.039	35.23	1190.936	1120.668	1.120668	5
5	20	15	213	349	26	0.3	0.13	507.508	47.769	2756.9	2631.144	2.631144	5
5	20	16	35	233	25	0.3	0.13	244.479	35.498	1377.156	1300.29	1.30029	5

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
5	20	17	0	90	24	0.3	0.13	85.25	27.671	481.55	436.419	0.436419	5
5	20	18	0	41	23	0.2	0.13	38.804	24.725	214.461	178.793	0.178793	5
5	20	19	0	4	22	0.2	0.13	3.772	22.145	12.166	0	0	5
5	20	20	0	0	22	0.3	0.13	0	22	0	0	0	5
5	20	21	0	0	21	0.2	0.13	0	21	0	0	0	5
5	20	22	0	0	21	0.2	0.13	0	21	0	0	0	5
5	20	23	0	0	20	0.1	0.13	0	20	0	0	0	5
5	21	0	0	0	20	0.1	0.13	0	20	0	0	0	5
5	21	1	0	0	20	0.1	0.13	0	20	0	0	0	5
5	21	2	0	0	20	0.2	0.13	0	20	0	0	0	5
5	21	3	0	0	20	0.2	0.13	0	20	0	0	0	5
5	21	4	0	0	19	0.2	0.13	0	19	0	0	0	5
5	21	5	0	0	19	0.2	0.13	0	0	0	0	0	5
5	21	6	46	73	20	0.3	0.13	71.015	23.027	391.143	349.215	0.349215	5
5	21	7	89	158	20	0.3	0.13	177.803	27.636	1024.132	959.775	0.959775	5
5	21	8	0	136	21	0.4	0.13	129.159	26.379	738.118	683.896	0.683896	5
5	21	9	115	337	21	0.5	0.13	417.681	37.866	2351.29	2239.906	2.239906	5
5	21	10	31	337	22	0.5	0.13	358.814	36.447	2002.952	1903.911	1.903911	5
5	21	11	46	404	23	0.5	0.13	446.012	40.94	2447.837	2333.033	2.333033	5
5	21	12	35	396	24	0.5	0.13	429.416	41.263	2347.128	2235.892	2.235892	5
5	21	13	447	386	24	0.5	0.13	843.567	58.033	4378.52	4195.304	4.195304	5
5	21	14	205	421	24	0.4	0.13	606.834	49.2	3261.339	3117.708	3.117708	5
5	21	15	0	124	24	0.4	0.13	118	28.898	656.538	605.206	0.605206	5
5	21	16	703	126	24	0.4	0.13	535.473	46.411	2992.108	2858.018	2.858018	5
5	21	17	151	174	23	0.3	0.13	220.108	32.45	1250.907	1178.515	1.178515	5
5	21	18	423	70	22	0.2	0.13	119.322	26.977	555.425	507.676	0.507676	5
5	21	19	77	17	20	0.2	0.13	13.295	20.509	46.26	16.553	0.016553	5
5	21	20	0	0	18	0.2	0.13	0	18	0	0	0	5
5	21	21	0	0	17	0.2	0.13	0	17	0	0	0	5
5	21	22	0	0	16	0.2	0.13	0	16	0	0	0	5
5	21	23	0	0	14	0.3	0.13	0	14	0	0	0	5
5	22	0	0	0	13	0.3	0.13	0	13	0	0	0	5
5	22	1	0	0	12	0.2	0.13	0	12	0	0	0	5
5	22	2	0	0	11	0.2	0.13	0	11	0	0	0	5
5	22	3	0	0	10	0.2	0.13	0	10	0	0	0	5
5	22	4	0	0	9	0.1	0.13	0	9	0	0	0	5
5	22	5	38	9	10	0.1	0.13	8.729	10.346	31.376	2.196	0.002196	5
5	22	6	192	76	12	0.2	0.13	86.044	15.69	451.656	407.584	0.407584	5
5	22	7	704	82	13	0.3	0.13	311.818	26.237	1762.851	1672.318	1.672318	5
5	22	8	805	101	15	0.3	0.13	543.434	38.466	3148.102	3008.484	3.008484	5
5	22	9	575	225	16	0.3	0.13	652.374	44.058	3645.501	3488.258	3.488258	5
5	22	10	423	343	17	0.2	0.13	726.759	49.158	3935.566	3768.046	3.768046	5
5	22	11	461	378	18	0.2	0.13	843.959	55.307	4435.34	4250.11	4.25011	5

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
5	22	12	190	481	19	0.2	0.13	680.609	49.019	3644.69	3487.476	3.487476	5
5	22	13	225	463	20	0.2	0.13	690.108	50.455	3681.009	3522.508	3.522508	5
5	22	14	237	417	20	0.1	0.13	631.237	48.806	3402.246	3253.623	3.253623	5
5	22	15	826	133	20	0.1	0.13	767.197	55.196	4104.755	3931.239	3.931239	5
5	22	16	564	171	19	0.1	0.13	498.015	41.882	2824.648	2696.491	2.696491	5
5	22	17	675	95	19	0.1	0.13	340.065	34.474	1902.902	1807.407	1.807407	5
5	22	18	496	66	17	0.3	0.13	126.966	22.09	590.645	541.648	0.541648	5
5	22	19	0	24	14	0.5	0.13	21.52	14.753	78.938	48.073	0.048073	5
5	22	20	0	0	12	0.4	0.13	0	12	0	0	0	5
5	22	21	0	0	12	0.4	0.13	0	12	0	0	0	5
5	22	22	0	0	11	0.4	0.13	0	11	0	0	0	5
5	22	23	0	0	11	0.4	0.13	0	11	0	0	0	5
5	23	0	0	0	11	0.5	0.13	0	11	0	0	0	5
5	23	1	0	0	10	0.5	0.13	0	10	0	0	0	5
5	23	2	0	0	10	0.6	0.13	0	10	0	0	0	5
5	23	3	0	0	9	0.5	0.13	0	9	0	0	0	5
5	23	4	0	0	9	0.3	0.13	0	9	0	0	0	5
5	23	5	0	10	10	0.1	0.13	9.698	10.384	35.032	5.723	0.005723	5
5	23	6	385	66	12	0.2	0.13	95.578	15.954	451.17	407.115	0.407115	5
5	23	7	645	94	14	0.2	0.13	304.245	27.34	1717.316	1628.396	1.628396	5
5	23	8	756	114	17	0.3	0.13	529.386	39.854	3045.934	2909.936	2.909936	5
5	23	9	822	128	18	0.3	0.13	737.051	49.737	4041.559	3870.283	3.870283	5
5	23	10	865	133	20	0.2	0.13	896.951	59.784	4676.799	4483.013	4.483013	5
5	23	11	883	138	22	0.2	0.13	1000.014	66.309	5038.673	4832.065	4.832065	5
5	23	12	879	143	23	0.2	0.13	1031.786	68.699	5132.419	4922.489	4.922489	5
5	23	13	432	391	24	0.2	0.13	833.411	60.83	4271.43	4092.009	4.092009	5
5	23	14	319	399	24	0.2	0.13	692.894	54.63	3652.293	3494.809	3.494809	5
5	23	15	322	331	23	0.2	0.13	576.952	48.553	3137.607	2998.361	2.998361	5
5	23	16	264	258	23	0.2	0.13	406.512	41.047	2287.28	2178.164	2.178164	5
5	23	17	174	175	22	0.2	0.13	229.647	32.171	1307.108	1232.724	1.232724	5
5	23	18	104	93	19	0.1	0.13	98.446	23.448	538.12	490.984	0.490984	5
5	23	19	0	15	17	0.1	0.13	14.189	17.561	50.313	20.462	0.020462	5
5	23	20	0	0	17	0.2	0.13	0	17	0	0	0	5
5	23	21	0	0	16	0.2	0.13	0	16	0	0	0	5
5	23	22	0	0	16	0.2	0.13	0	16	0	0	0	5
5	23	23	0	0	16	0.2	0.13	0	16	0	0	0	5
5	24	0	0	0	15	0.2	0.13	0	15	0	0	0	5
5	24	1	0	0	15	0.1	0.13	0	15	0	0	0	5
5	24	2	0	0	14	0.1	0.13	0	14	0	0	0	5
5	24	3	0	0	14	0.1	0.13	0	14	0	0	0	5
5	24	4	0	0	14	0.1	0.13	0	14	0	0	0	5
5	24	5	0	6	14	0.1	0.13	5.819	14.23	20.095	0	0	5
5	24	6	80	78	16	0.2	0.13	77.842	19.405	428.653	385.396	0.385396	5

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
5	24	7	86	160	18	0.3	0.13	178.652	25.673	1037.869	973.026	0.973026	5
5	24	8	63	241	19	0.3	0.13	265.552	30.411	1535.961	1453.468	1.453468	5
5	24	9	16	246	19	0.3	0.13	247.005	29.577	1411.782	1333.689	1.333689	5
5	24	10	23	312	19	0.3	0.13	320.537	32.7	1810.481	1718.261	1.718261	5
5	24	11	16	291	19	0.3	0.13	295.994	31.635	1667.952	1580.782	1.580782	5
5	24	12	5	156	19	0.4	0.13	154.375	25.389	871.42	812.474	0.812474	5
5	24	13	55	425	19	0.5	0.13	476.489	38.165	2647.865	2525.973	2.525973	5
5	24	14	11	225	19	0.5	0.13	225.53	28.075	1282.496	1208.984	1.208984	5
5	24	15	0	78	19	0.6	0.13	74.085	21.901	416.436	373.612	0.373612	5
5	24	16	0	128	19	0.6	0.13	121.584	23.775	699.141	646.3	0.6463	5
5	24	17	0	6	18	0.5	0.13	5.671	18.23	29.356	0.248	0.000248	5
5	24	18	0	3	17	0.4	0.13	2.831	17.118	14.249	0	0	5
5	24	19	0	0	15	0.4	0.13	0	0	0	0	0	5
5	24	20	0	0	13	0.3	0.13	0	13	0	0	0	5
5	24	21	0	0	13	0.3	0.13	0	13	0	0	0	5
5	24	22	0	0	13	0.3	0.13	0	13	0	0	0	5
5	24	23	0	0	13	0.3	0.13	0	13	0	0	0	5
5	25	0	0	0	13	0.3	0.13	0	13	0	0	0	5
5	25	1	0	0	13	0.4	0.13	0	13	0	0	0	5
5	25	2	0	0	13	0.3	0.13	0	13	0	0	0	5
5	25	3	0	0	13	0.3	0.13	0	13	0	0	0	5
5	25	4	0	0	13	0.4	0.13	0	13	0	0	0	5
5	25	5	0	1	13	0.4	0.13	0.97	13.035	0	0	0	5
5	25	6	0	30	13	0.4	0.13	28.37	14.184	161.584	127.791	0.127791	5
5	25	7	0	53	14	0.4	0.13	50.192	16.097	291.787	253.38	0.25338	5
5	25	8	0	65	16	0.4	0.13	61.633	18.567	353.036	312.458	0.312458	5
5	25	9	100	337	17	0.4	0.13	401.53	33.695	2295.128	2185.735	2.185735	5
5	25	10	145	417	18	0.5	0.13	544.976	39.966	3035.819	2900.18	2.90018	5
5	25	11	13	252	19	0.6	0.13	254.928	28.96	1445.57	1366.279	1.366279	5
5	25	12	11	222	19	0.6	0.13	224.39	27.763	1271.524	1198.4	1.1984	5
5	25	13	25	355	20	0.7	0.13	375.954	34.285	2108.978	2006.18	2.00618	5
5	25	14	29	340	20	0.6	0.13	360.544	34.101	2029.726	1929.737	1.929737	5
5	25	15	0	146	19	0.6	0.13	139.071	24.446	793.32	737.142	0.737142	5
5	25	16	0	93	19	0.5	0.13	88.275	22.567	503.579	457.667	0.457667	5
5	25	17	0	16	18	0.5	0.13	15.129	18.613	82.112	51.135	0.051135	5
5	25	18	393	79	17	0.4	0.13	125.353	21.962	614.093	564.265	0.564265	5
5	25	19	85	21	15	0.3	0.13	17.563	15.652	63.492	33.175	0.033175	5
5	25	20	0	0	15	0.3	0.13	0	15	0	0	0	5
5	25	21	0	0	14	0.2	0.13	0	14	0	0	0	5
5	25	22	0	0	14	0.2	0.13	0	14	0	0	0	5
5	25	23	0	0	14	0.2	0.13	0	14	0	0	0	5
5	26	0	0	0	14	0.2	0.13	0	14	0	0	0	5
5	26	1	0	0	13	0.2	0.13	0	13	0	0	0	5

Month	Day	Hour	Beam Irradiance (W/m ²)	Diffuse Irradiance (W/m ²)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m ²)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
5	26	2	0	0	13	0.1	0.13	0	13	0	0	0	5
5	26	3	0	0	12	0.1	0.13	0	12	0	0	0	5
5	26	4	0	0	12	0.1	0.13	0	12	0	0	0	5
5	26	5	50	11	13	0.1	0.13	10.668	13.422	38.132	8.713	0.008713	5
5	26	6	424	63	15	0.2	0.13	98.312	19.04	450.021	406.007	0.406007	5
5	26	7	516	109	17	0.3	0.13	276.486	28.769	1557.21	1473.964	1.473964	5
5	26	8	552	166	20	0.3	0.13	467.277	40.153	2670.009	2547.332	2.547332	5
5	26	9	806	125	21	0.4	0.13	721.855	51.151	3933.902	3766.44	3.76644	5
5	26	10	353	381	23	0.3	0.13	696.808	52.865	3706.707	3547.296	3.547296	5
5	26	11	837	157	24	0.3	0.13	980.57	66.097	4942.737	4739.528	4.739528	5
5	26	12	831	166	24	0.3	0.13	1013.938	67.511	5067.81	4860.169	4.860169	5
5	26	13	826	160	25	0.3	0.13	981.683	67.139	4922.487	4719.995	4.719995	5
5	26	14	789	162	25	0.3	0.13	879.96	62.804	4518.508	4330.332	4.330332	5
5	26	15	741	155	25	0.3	0.13	727.192	56.289	3866.625	3701.547	3.701547	5
5	26	16	672	140	24	0.3	0.13	533.577	47.013	2969.946	2836.641	2.836641	5
5	26	17	560	118	23	0.2	0.13	322.461	37.226	1790.352	1698.845	1.698845	5
5	26	18	370	82	21	0.1	0.13	125.289	26.47	609.4	559.738	0.559738	5
5	26	19	62	21	19	0.1	0.13	17.572	19.695	62.283	32.008	0.032008	5
5	26	20	0	0	19	0.2	0.13	0	19	0	0	0	5
5	26	21	0	0	19	0.2	0.13	0	19	0	0	0	5
5	26	22	0	0	19	0.2	0.13	0	19	0	0	0	5
5	26	23	0	0	19	0.2	0.13	0	19	0	0	0	5
5	27	0	0	0	19	0.2	0.13	0	19	0	0	0	5
5	27	1	0	0	19	0.2	0.13	0	19	0	0	0	5
5	27	2	0	0	19	0.2	0.13	0	19	0	0	0	5
5	27	3	0	0	19	0.2	0.13	0	19	0	0	0	5
5	27	4	0	0	19	0.2	0.13	0	19	0	0	0	5
5	27	5	10	8	19	0.2	0.13	7.759	19.297	26.473	0	0	5
5	27	6	34	79	20	0.2	0.13	75.117	23.315	419.148	376.227	0.376227	5
5	27	7	0	105	22	0.2	0.13	99.175	26.408	567.635	519.453	0.519453	5
5	27	8	397	216	24	0.2	0.13	431.022	43.161	2419.184	2305.395	2.305395	5
5	27	9	76	328	25	0.3	0.13	374.867	41.063	2073.39	1971.853	1.971853	5
5	27	10	54	377	26	0.3	0.13	418.373	43.887	2274.276	2165.621	2.165621	5
5	27	11	808	167	27	0.3	0.13	962.426	68.313	4802.021	4603.798	4.603798	5
5	27	12	822	165	27	0.2	0.13	1003.659	71.44	4927.169	4724.512	4.724512	5
5	27	13	290	452	28	0.2	0.13	749.197	61.075	3822.233	3658.728	3.658728	5
5	27	14	262	416	27	0.3	0.13	658.507	55.198	3455.322	3304.818	3.304818	5
5	27	15	706	173	26	0.2	0.13	719.086	57.919	3793.241	3630.764	3.630764	5
5	27	16	404	229	25	0.2	0.13	463.106	45.576	2571.551	2452.362	2.452362	5
5	27	17	532	126	24	0.1	0.13	318.664	38.525	1761.304	1670.826	1.670826	5
5	27	18	377	81	23	0.3	0.13	125.865	28.152	606.439	556.882	0.556882	5
5	27	19	81	22	22	0.6	0.13	18.377	22.624	64.329	33.981	0.033981	5
5	27	20	0	0	22	0.6	0.13	0	22	0	0	0	5

Month	Day	Hour	Beam Irradiance (W/m ²)	Diffuse Irradiance (W/m ²)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m ²)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
5	27	21	0	0	21	0.6	0.13	0	21	0	0	0	5
5	27	22	0	0	21	0.6	0.13	0	21	0	0	0	5
5	27	23	0	0	20	0.6	0.13	0	20	0	0	0	5
5	28	0	0	0	19	0.5	0.13	0	19	0	0	0	5
5	28	1	0	0	18	0.3	0.13	0	18	0	0	0	5
5	28	2	0	0	18	0.1	0.13	0	18	0	0	0	5
5	28	3	0	0	18	0.1	0.13	0	18	0	0	0	5
5	28	4	0	0	18	0.1	0.13	0	18	0	0	0	5
5	28	5	0	9	18	0.1	0.13	8.729	18.346	30.117	0.982	0.000982	5
5	28	6	179	77	19	0.3	0.13	86.129	22.59	443.222	399.449	0.399449	5
5	28	7	48	155	20	0.4	0.13	161.469	26.735	934.348	873.172	0.873172	5
5	28	8	194	254	20	0.4	0.13	351.513	34.67	2022.591	1922.855	1.922855	5
5	28	9	247	336	21	0.5	0.13	516.432	41.873	2881.085	2750.929	2.750929	5
5	28	10	98	407	22	0.5	0.13	486.878	41.615	2684.692	2561.494	2.561494	5
5	28	11	66	432	22	0.5	0.13	492.838	41.826	2701.355	2577.567	2.577567	5
5	28	12	53	434	23	0.4	0.13	485.332	43.097	2640.216	2518.594	2.518594	5
5	28	13	35	389	24	0.4	0.13	419.866	41.388	2294.117	2184.759	2.184759	5
5	28	14	6	177	24	0.4	0.13	174.571	31.234	970.389	907.936	0.907936	5
5	28	15	1	148	24	0.4	0.13	141.736	29.883	790.744	734.657	0.734657	5
5	28	16	7	187	23	0.4	0.13	181.844	30.569	1032.18	967.537	0.967537	5
5	28	17	559	117	22	0.4	0.13	322.182	35.365	1803.584	1711.608	1.711608	5
5	28	18	300	93	21	0.4	0.13	126.006	26.065	636.824	586.191	0.586191	5
5	28	19	30	19	21	0.4	0.13	16.99	21.612	59.558	29.38	0.02938	5
5	28	20	0	0	20	0.4	0.13	0	20	0	0	0	5
5	28	21	0	0	18	0.3	0.13	0	18	0	0	0	5
5	28	22	0	0	17	0.2	0.13	0	17	0	0	0	5
5	28	23	0	0	16	0.1	0.13	0	16	0	0	0	5
5	29	0	0	0	16	0.1	0.13	0	16	0	0	0	5
5	29	1	0	0	15	0.1	0.13	0	15	0	0	0	5
5	29	2	0	0	15	0.1	0.13	0	15	0	0	0	5
5	29	3	0	0	14	0.1	0.13	0	14	0	0	0	5
5	29	4	0	0	14	0.1	0.13	0	14	0	0	0	5
5	29	5	0	13	15	0.2	0.13	12.608	15.483	44.971	15.31	0.01531	5
5	29	6	422	64	17	0.3	0.13	99.36	20.963	453.159	409.034	0.409034	5
5	29	7	637	91	19	0.3	0.13	299.117	31.71	1658.089	1571.268	1.571268	5
5	29	8	754	107	22	0.3	0.13	521.35	44.506	2941.55	2809.251	2.809251	5
5	29	9	597	220	23	0.4	0.13	664.024	50.703	3608.919	3452.972	3.452972	5
5	29	10	859	128	24	0.4	0.13	885.197	60.91	4592.437	4401.641	4.401641	5
5	29	11	877	135	25	0.4	0.13	989.614	66.221	4988.122	4783.305	4.783305	5
5	29	12	875	142	26	0.4	0.13	1025.515	68.699	5100.562	4891.761	4.891761	5
5	29	13	856	149	26	0.4	0.13	992.566	67.335	4973.612	4769.309	4.769309	5
5	29	14	833	145	26	0.4	0.13	902.343	63.61	4617.783	4426.089	4.426089	5
5	29	15	610	227	26	0.4	0.13	699.999	55.193	3727.646	3567.493	3.567493	5

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
5	29	16	698	138	25	0.3	0.13	548.007	48.635	3030.405	2894.958	2.894958	5
5	29	17	283	168	23	0.2	0.13	265.423	34.742	1495.613	1414.549	1.414549	5
5	29	18	416	79	21	0.2	0.13	130.7	26.499	627.94	577.622	0.577622	5
5	29	19	108	23	19	0.2	0.13	17.942	19.687	63.639	33.316	0.033316	5
5	29	20	0	0	19	0.2	0.13	0	19	0	0	0	5
5	29	21	0	0	18	0.2	0.13	0	18	0	0	0	5
5	29	22	0	0	18	0.2	0.13	0	18	0	0	0	5
5	29	23	0	0	17	0.2	0.13	0	17	0	0	0	5
5	30	0	0	0	17	0.1	0.13	0	17	0	0	0	5
5	30	1	0	0	17	0.1	0.13	0	17	0	0	0	5
5	30	2	0	0	16	0.1	0.13	0	16	0	0	0	5
5	30	3	0	0	15	0.1	0.13	0	15	0	0	0	5
5	30	4	0	0	14	0.1	0.13	0	14	0	0	0	5
5	30	5	44	12	15	0.1	0.13	11.638	15.461	41.353	11.819	0.011819	5
5	30	6	405	68	18	0.2	0.13	100.314	22.148	461.664	417.238	0.417238	5
5	30	7	647	93	20	0.2	0.13	304.295	33.342	1676.491	1589.018	1.589018	5
5	30	8	786	104	22	0.2	0.13	535.608	45.859	3006.837	2872.224	2.872224	5
5	30	9	849	116	23	0.3	0.13	743.125	55	3984.867	3815.599	3.815599	5
5	30	10	872	130	24	0.4	0.13	898.238	61.454	4648.109	4455.34	4.45534	5
5	30	11	404	396	25	0.4	0.13	804.161	58.406	4164.394	3988.765	3.988765	5
5	30	12	539	357	25	0.4	0.13	917.742	63.138	4656.199	4463.144	4.463144	5
5	30	13	456	391	26	0.5	0.13	855.509	60.511	4390.428	4206.79	4.20679	5
5	30	14	93	416	25	0.5	0.13	493.834	44.889	2683.45	2560.297	2.560297	5
5	30	15	269	347	24	0.4	0.13	552.558	46.995	3017.063	2882.088	2.882088	5
5	30	16	710	135	23	0.4	0.13	552.488	46.116	3088.427	2950.924	2.950924	5
5	30	17	321	162	22	0.3	0.13	274.223	33.753	1551.048	1468.02	1.46802	5
5	30	18	481	71	20	0.2	0.13	134.409	25.607	632.599	582.116	0.582116	5
5	30	19	144	24	18	0.2	0.13	18.737	18.721	67.726	37.258	0.037258	5
5	30	20	0	0	16	0.2	0.13	0	16	0	0	0	5
5	30	21	0	0	14	0.2	0.13	0	14	0	0	0	5
5	30	22	0	0	14	0.4	0.13	0	14	0	0	0	5
5	30	23	0	0	14	0.8	0.13	0	14	0	0	0	5
5	31	0	0	0	15	0.7	0.13	0	15	0	0	0	5
5	31	1	0	0	15	0.7	0.13	0	15	0	0	0	5
5	31	2	0	0	14	0.7	0.13	0	14	0	0	0	5
5	31	3	0	0	13	0.3	0.13	0	13	0	0	0	5
5	31	4	0	0	13	0.1	0.13	0	13	0	0	0	5
5	31	5	0	3	14	0.1	0.13	2.91	14.115	9.698	0	0	5
5	31	6	0	47	15	0.1	0.13	44.509	17.042	255.694	218.566	0.218566	5
5	31	7	177	163	19	0.1	0.13	211.852	28.675	1212.459	1141.429	1.141429	5
5	31	8	112	255	21	0.1	0.13	307.508	35.088	1754.899	1664.648	1.664648	5
5	31	9	784	138	23	0.2	0.13	717.608	54.876	3846.068	3681.718	3.681718	5
5	31	10	835	142	24	0.3	0.13	882.241	61.916	4554.104	4364.666	4.364666	5

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
5	31	11	858	149	25	0.4	0.13	984.523	66.004	4965.567	4761.549	4.761549	5
5	31	12	373	427	25	0.4	0.13	814.882	58.831	4202.775	4025.786	4.025786	5
5	31	13	238	465	26	0.5	0.13	703.275	54.33	3689.447	3530.647	3.530647	5
5	31	14	849	141	25	0.4	0.13	907.764	62.837	4662.095	4468.831	4.468831	5
5	31	15	132	359	25	0.4	0.13	455.427	43.932	2500.328	2383.664	2.383664	5
5	31	16	712	136	24	0.3	0.13	555.127	47.942	3079.255	2942.077	2.942077	5
5	31	17	622	109	23	0.2	0.13	339.609	37.982	1882.422	1787.652	1.787652	5
5	31	18	463	74	20	0.2	0.13	135.188	25.659	642.94	592.09	0.59209	5
5	31	19	0	6	23	0.2	0.14	5.662	23.223	19.835	0	0	5
5	31	20	0	0	23	0.2	0.14	0	23	0	0	0	5
5	31	21	0	0	23	0.2	0.14	0	23	0	0	0	5
5	31	22	0	0	22	0.2	0.14	0	22	0	0	0	5
5	31	23	0	0	22	0.2	0.14	0	22	0	0	0	5
6	1	0	0	0	22	0.2	0.14	0	22	0	0	0	6
6	1	1	0	0	22	0.1	0.14	0	22	0	0	0	6
6	1	2	0	0	22	0.1	0.14	0	22	0	0	0	6
6	1	3	0	0	22	0.1	0.14	0	22	0	0	0	6
6	1	4	0	0	22	0.1	0.14	0	22	0	0	0	6
6	1	5	33	12	22	0.1	0.14	11.638	22.461	39.894	10.413	0.010413	6
6	1	6	337	74	23	0.2	0.14	98.685	27.137	462.118	417.675	0.417675	6
6	1	7	546	111	23	0.3	0.14	288.125	35.261	1580.616	1496.54	1.49654	6
6	1	8	683	130	24	0.4	0.14	504.586	45.121	2833.687	2705.21	2.70521	6
6	1	9	765	144	25	0.4	0.14	709.635	54.632	3805.661	3642.744	3.642744	6
6	1	10	827	149	26	0.4	0.14	882.282	62.779	4535.336	4346.563	4.346563	6
6	1	11	888	137	27	0.3	0.14	1001.634	70.007	4960.223	4756.395	4.756395	6
6	1	12	927	125	28	0.3	0.14	1060.369	73.517	5155.803	4945.044	4.945044	6
6	1	13	935	116	28	0.3	0.14	1037.059	72.53	5073.555	4865.711	4.865711	6
6	1	14	918	111	28	0.3	0.14	940.049	68.401	4709.982	4515.02	4.51502	6
6	1	15	883	105	28	0.3	0.14	783.147	61.712	4072.763	3900.381	3.900381	6
6	1	16	822	97	27	0.3	0.14	581.384	52.087	3176.042	3035.435	3.035435	6
6	1	17	589	105	25	0.2	0.14	324.111	39.3	1784.978	1693.661	1.693661	6
6	1	18	246	93	23	0.3	0.14	120.26	28.016	614.489	564.647	0.564647	6
6	1	19	188	24	20	0.6	0.14	18.685	20.665	73.828	43.144	0.043144	6
6	1	20	0	0	18	0.4	0.14	0	18	0	0	0	6
6	1	21	0	0	17	0.2	0.14	0	17	0	0	0	6
6	1	22	0	0	17	0.2	0.14	0	17	0	0	0	6
6	1	23	0	0	16	0.2	0.14	0	16	0	0	0	6
6	2	0	0	0	15	0.2	0.14	0	15	0	0	0	6
6	2	1	0	0	15	0.2	0.14	0	15	0	0	0	6
6	2	2	0	0	14	0.2	0.14	0	14	0	0	0	6
6	2	3	0	0	14	0.2	0.14	0	14	0	0	0	6
6	2	4	0	0	14	0.2	0.14	0	14	0	0	0	6
6	2	5	0	12	15	0.2	0.14	11.638	15.446	41.356	11.822	0.011822	6

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
6	2	6	205	76	17	0.2	0.14	88.084	20.772	450.804	406.762	0.406762	6
6	2	7	278	153	19	0.2	0.14	236.476	29.432	1343.071	1267.413	1.267413	6
6	2	8	333	232	21	0.2	0.14	407.938	39.125	2320.97	2210.661	2.210661	6
6	2	9	238	337	23	0.2	0.14	505.572	45.383	2777.355	2650.874	2.650874	6
6	2	10	64	386	25	0.2	0.14	435.536	44.214	2366.724	2254.794	2.254794	6
6	2	11	80	443	26	0.2	0.14	517.019	48.787	2755.287	2629.588	2.629588	6
6	2	12	214	482	26	0.2	0.14	703.554	57.032	3641.201	3484.111	3.484111	6
6	2	13	188	472	26	0.2	0.14	661.414	55.175	3450.338	3300.011	3.300011	6
6	2	14	148	429	27	0.2	0.14	562.654	51.835	2979.378	2845.739	2.845739	6
6	2	15	13	243	28	0.2	0.14	242.329	38.7	1329.192	1254.025	1.254025	6
6	2	16	78	266	28	0.2	0.14	301.12	41.342	1666.392	1579.277	1.579277	6
6	2	17	0	94	25	0.2	0.14	89.056	28.955	500.309	454.513	0.454513	6
6	2	18	154	95	22	0.3	0.14	109.402	26.614	581.83	533.146	0.533146	6
6	2	19	0	22	20	0.2	0.14	20.658	20.841	85.123	54.038	0.054038	6
6	2	20	0	0	18	0.2	0.14	0	18	0	0	0	6
6	2	21	0	0	17	0.2	0.14	0	17	0	0	0	6
6	2	22	0	0	17	0.2	0.14	0	17	0	0	0	6
6	2	23	0	0	16	0.2	0.14	0	16	0	0	0	6
6	3	0	0	0	15	0.2	0.14	0	15	0	0	0	6
6	3	1	0	0	14	0.2	0.14	0	14	0	0	0	6
6	3	2	0	0	14	0.2	0.14	0	14	0	0	0	6
6	3	3	0	0	13	0.2	0.14	0	13	0	0	0	6
6	3	4	0	0	13	0.2	0.14	0	13	0	0	0	6
6	3	5	0	4	13	0.2	0.14	3.879	13.149	13.197	0	0	6
6	3	6	0	18	15	0.3	0.14	17.01	15.732	94.101	62.699	0.062699	6
6	3	7	0	101	18	0.3	0.14	95.46	22.111	555.328	507.583	0.507583	6
6	3	8	445	204	20	0.3	0.14	444.498	39.154	2539.857	2421.792	2.421792	6
6	3	9	426	284	22	0.3	0.14	598.903	47.73	3280.536	3136.226	3.136226	6
6	3	10	188	417	24	0.3	0.14	580.858	48.863	3123.573	2984.824	2.984824	6
6	3	11	403	396	25	0.3	0.14	802.26	59.353	4136.426	3961.788	3.961788	6
6	3	12	111	477	26	0.2	0.14	586.81	51.86	3091.003	2953.409	2.953409	6
6	3	13	778	196	26	0.2	0.14	970.65	68.974	4820.447	4621.572	4.621572	6
6	3	14	761	185	27	0.2	0.14	878.9	65.947	4444.385	4258.835	4.258835	6
6	3	15	718	174	27	0.2	0.14	731.332	59.457	3829.91	3666.133	3.666133	6
6	3	16	636	162	27	0.2	0.14	537.859	50.924	2939.023	2806.814	2.806814	6
6	3	17	503	140	27	0.2	0.14	324.648	41.34	1779.982	1688.842	1.688842	6
6	3	18	304	98	24	0.4	0.14	134.017	29.401	674.942	622.958	0.622958	6
6	3	19	51	25	21	0.7	0.14	21.956	21.779	93.045	61.68	0.06168	6
6	3	20	0	0	19	0.7	0.14	0	19	0	0	0	6
6	3	21	0	0	18	0.5	0.14	0	18	0	0	0	6
6	3	22	0	0	17	0.4	0.14	0	17	0	0	0	6
6	3	23	0	0	17	0.4	0.14	0	17	0	0	0	6
6	4	0	0	0	16	0.3	0.14	0	16	0	0	0	6

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
6	4	1	0	0	16	0.2	0.14	0	16	0	0	0	6
6	4	2	0	0	16	0.1	0.14	0	16	0	0	0	6
6	4	3	0	0	16	0.1	0.14	0	16	0	0	0	6
6	4	4	0	0	15	0.1	0.14	0	15	0	0	0	6
6	4	5	2	5	16	0.1	0.14	4.849	16.192	16.415	0	0	6
6	4	6	134	97	18	0.2	0.14	99.116	22.316	535.615	488.568	0.488568	6
6	4	7	329	170	20	0.2	0.14	268.704	31.85	1515.205	1433.447	1.433447	6
6	4	8	488	207	23	0.2	0.14	470.477	43.922	2639.844	2518.236	2.518236	6
6	4	9	152	345	26	0.3	0.14	450.408	45.312	2463.087	2347.742	2.347742	6
6	4	10	628	256	28	0.3	0.14	817.274	63.082	4180.973	4004.757	4.004757	6
6	4	11	663	264	29	0.3	0.14	922.338	68.555	4583.813	4393.322	4.393322	6
6	4	12	671	270	30	0.4	0.14	962.295	70.019	4741.684	4545.6	4.5456	6
6	4	13	689	249	30	0.3	0.14	941.932	70.396	4640.771	4448.262	4.448262	6
6	4	14	675	233	29	0.3	0.14	853.438	65.634	4314.936	4133.973	4.133973	6
6	4	15	641	212	28	0.3	0.14	710.575	58.55	3729.669	3569.444	3.569444	6
6	4	16	570	188	28	0.3	0.14	522.877	50.531	2856.43	2727.147	2.727147	6
6	4	17	156	185	27	0.2	0.14	233.989	37.368	1306.048	1231.701	1.231701	6
6	4	18	256	89	26	0.2	0.14	119.285	31.125	597.926	548.671	0.548671	6
6	4	19	51	23	24	0.2	0.14	20.42	24.848	87.053	55.901	0.055901	6
6	4	20	0	0	24	0.2	0.14	0	24	0	0	0	6
6	4	21	0	0	23	0.2	0.14	0	23	0	0	0	6
6	4	22	0	0	22	0.1	0.14	0	22	0	0	0	6
6	4	23	0	0	21	0.1	0.14	0	21	0	0	0	6
6	5	0	0	0	21	0.1	0.14	0	21	0	0	0	6
6	5	1	0	0	21	0.1	0.14	0	21	0	0	0	6
6	5	2	0	0	21	0.3	0.14	0	21	0	0	0	6
6	5	3	0	0	20	0.5	0.14	0	20	0	0	0	6
6	5	4	0	0	20	0.4	0.14	0	20	0	0	0	6
6	5	5	11	8	20	0.2	0.14	7.759	20.297	26.332	0	0	6
6	5	6	197	91	21	0.1	0.14	99.734	25.439	513.519	467.255	0.467255	6
6	5	7	383	155	22	0.2	0.14	273.355	34.041	1521.881	1439.887	1.439887	6
6	5	8	507	199	23	0.2	0.14	472.865	44.03	2653.52	2531.428	2.531428	6
6	5	9	428	283	25	0.2	0.14	598.812	51.545	3227.326	3084.901	3.084901	6
6	5	10	482	326	26	0.2	0.14	757.609	59.528	3925.853	3758.677	3.758677	6
6	5	11	311	440	27	0.2	0.14	751.415	60.179	3851.284	3686.749	3.686749	6
6	5	12	308	460	28	0.2	0.14	782.572	62.539	3962.898	3794.409	3.794409	6
6	5	13	35	390	28	0.2	0.14	420.373	46.515	2246.82	2139.138	2.139138	6
6	5	14	180	431	28	0.2	0.14	593.186	54.189	3114.028	2975.617	2.975617	6
6	5	15	212	360	27	0.2	0.14	517.568	49.897	2782.774	2656.101	2.656101	6
6	5	16	512	196	26	0.2	0.14	497.008	48.092	2738.481	2613.377	2.613377	6
6	5	17	0	118	25	0.2	0.14	111.56	29.954	629.861	579.475	0.579475	6
6	5	18	0	42	24	0.2	0.14	39.761	25.768	219.539	183.692	0.183692	6
6	5	19	0	7	22	0.3	0.14	6.607	22.268	27.497	0	0	6

Month	Day	Hour	Beam Irradiance (W/m ²)	Diffuse Irradiance (W/m ²)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m ²)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
6	5	20	0	0	21	0.5	0.14	0	21	0	0	0	6
6	5	21	0	0	20	0.5	0.14	0	20	0	0	0	6
6	5	22	0	0	20	0.6	0.14	0	20	0	0	0	6
6	5	23	0	0	19	0.5	0.14	0	19	0	0	0	6
6	6	0	0	0	18	0.4	0.14	0	18	0	0	0	6
6	6	1	0	0	18	0.4	0.14	0	18	0	0	0	6
6	6	2	0	0	17	0.4	0.14	0	17	0	0	0	6
6	6	3	0	0	17	0.4	0.14	0	17	0	0	0	6
6	6	4	0	0	16	0.4	0.14	0	16	0	0	0	6
6	6	5	44	13	17	0.2	0.14	12.608	17.483	44.522	14.877	0.014877	6
6	6	6	353	74	20	0.1	0.14	100.076	24.324	471.603	426.824	0.426824	6
6	6	7	542	115	22	0	0.14	289.738	35.579	1587.637	1503.313	1.503313	6
6	6	8	653	143	25	0	0.14	499.585	48.735	2760.184	2634.312	2.634312	6
6	6	9	723	162	27	0	0.14	696.185	59.993	3643.272	3486.108	3.486108	6
6	6	10	768	172	28	0.1	0.14	852.069	67.013	4294.057	4113.833	4.113833	6
6	6	11	771	192	29	0.1	0.14	948.982	72.402	4641.983	4449.431	4.449431	6
6	6	12	741	220	30	0.1	0.14	981.41	74.858	4733.212	4537.428	4.537428	6
6	6	13	501	339	30	0.1	0.14	847.094	68.679	4195.013	4018.299	4.018299	6
6	6	14	314	405	30	0.2	0.14	693.616	60.653	3557.021	3402.913	3.402913	6
6	6	15	478	277	30	0.2	0.14	648.554	58.744	3387.591	3239.487	3.239487	6
6	6	16	372	243	30	0.2	0.14	457.309	50.309	2483.253	2367.193	2.367193	6
6	6	17	364	159	29	0.2	0.14	291.161	41.876	1594.47	1509.904	1.509904	6
6	6	18	185	113	26	0.2	0.14	130.302	31.671	683.005	630.735	0.630735	6
6	6	19	30	24	24	0.4	0.14	21.263	24.841	94.471	63.056	0.063056	6
6	6	20	0	0	22	0.5	0.14	0	22	0	0	0	6
6	6	21	0	0	22	0.4	0.14	0	22	0	0	0	6
6	6	22	0	0	21	0.2	0.14	0	21	0	0	0	6
6	6	23	0	0	21	0.1	0.14	0	21	0	0	0	6
6	7	0	0	0	20	0.1	0.14	0	20	0	0	0	6
6	7	1	0	0	20	0.1	0.14	0	20	0	0	0	6
6	7	2	0	0	20	0.2	0.14	0	20	0	0	0	6
6	7	3	0	0	20	0.1	0.14	0	20	0	0	0	6
6	7	4	0	0	20	0.1	0.14	0	20	0	0	0	6
6	7	5	24	11	20	0.1	0.14	10.668	20.422	36.793	7.422	0.007422	6
6	7	6	246	88	21	0.2	0.14	102.129	25.368	513.51	467.246	0.467246	6
6	7	7	417	147	23	0.2	0.14	276.751	35.181	1529.876	1447.599	1.447599	6
6	7	8	529	189	24	0.2	0.14	474.61	45.111	2652.9	2530.829	2.530829	6
6	7	9	612	212	26	0.2	0.14	664.48	55.487	3537.897	3384.467	3.384467	6
6	7	10	660	230	27	0.2	0.14	818.494	63.261	4187.133	4010.699	4.010699	6
6	7	11	675	250	28	0.2	0.14	919.041	68.672	4566.595	4376.714	4.376714	6
6	7	12	664	269	29	0.2	0.14	953.673	71.184	4673.951	4480.266	4.480266	6
6	7	13	615	296	29	0.2	0.14	915.911	69.512	4525.101	4336.69	4.33669	6
6	7	14	587	286	29	0.2	0.14	826.734	65.597	4172.849	3996.921	3.996921	6

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
6	7	15	548	260	29	0.2	0.14	685.618	59.397	3576.658	3421.855	3.421855	6
6	7	16	254	270	28	0.2	0.14	414.171	46.377	2274.907	2166.23	2.16623	6
6	7	17	395	171	27	0.2	0.14	314.502	40.909	1733.69	1644.191	1.644191	6
6	7	18	251	106	25	0.1	0.14	134.228	30.988	688.328	635.87	0.63587	6
6	7	19	58	24	23	0.1	0.14	20.061	23.876	90.647	59.368	0.059368	6
6	7	20	0	0	22	0.2	0.14	0	22	0	0	0	6
6	7	21	0	0	22	0.2	0.14	0	22	0	0	0	6
6	7	22	0	0	21	0.1	0.14	0	21	0	0	0	6
6	7	23	0	0	21	0.1	0.14	0	21	0	0	0	6
6	8	0	0	0	20	0.1	0.14	0	20	0	0	0	6
6	8	1	0	0	20	0.1	0.14	0	20	0	0	0	6
6	8	2	0	0	19	0.1	0.14	0	19	0	0	0	6
6	8	3	0	0	19	0.1	0.14	0	19	0	0	0	6
6	8	4	0	0	19	0.1	0.14	0	19	0	0	0	6
6	8	5	27	10	20	0.1	0.14	9.698	20.384	33.289	4.042	0.004042	6
6	8	6	252	85	22	0.2	0.14	100.148	26.275	498.044	452.329	0.452329	6
6	8	7	431	142	24	0.2	0.14	276.492	36.165	1520.025	1438.096	1.438096	6
6	8	8	546	182	25	0.2	0.14	476.764	46.209	2653.949	2531.841	2.531841	6
6	8	9	626	208	26	0.2	0.14	670.385	55.751	3566.244	3411.81	3.41181	6
6	8	10	704	207	27	0.2	0.14	833.484	63.934	4254.26	4075.447	4.075447	6
6	8	11	730	217	28	0.2	0.14	938.483	69.545	4648.379	4455.6	4.4556	6
6	8	12	309	460	29	0.2	0.14	783.061	63.561	3947.072	3779.143	3.779143	6
6	8	13	427	397	29	0.2	0.14	832.28	65.771	4168.507	3992.732	3.992732	6
6	8	14	565	301	29	0.2	0.14	821.248	65.348	4147.63	3972.595	3.972595	6
6	8	15	522	274	29	0.2	0.14	679.705	59.129	3547.42	3393.653	3.393653	6
6	8	16	271	267	28	0.2	0.14	421.461	46.702	2313.596	2203.548	2.203548	6
6	8	17	390	155	27	0.2	0.14	298.04	40.179	1644.588	1558.246	1.558246	6
6	8	18	123	110	26	0.2	0.14	118.579	31.193	634.301	583.757	0.583757	6
6	8	19	0	23	24	0.2	0.14	21.709	24.922	99.316	67.729	0.067729	6
6	8	20	0	0	23	0.2	0.14	0	23	0	0	0	6
6	8	21	0	0	23	0.2	0.14	0	23	0	0	0	6
6	8	22	0	0	22	0.2	0.14	0	22	0	0	0	6
6	8	23	0	0	22	0.2	0.14	0	22	0	0	0	6
6	9	0	0	0	22	0.2	0.14	0	22	0	0	0	6
6	9	1	0	0	21	0.2	0.14	0	21	0	0	0	6
6	9	2	0	0	21	0.2	0.14	0	21	0	0	0	6
6	9	3	0	0	21	0.1	0.14	0	21	0	0	0	6
6	9	4	0	0	21	0.2	0.14	0	21	0	0	0	6
6	9	5	0	8	21	0.2	0.14	7.557	21.29	25.438	0	0	6
6	9	6	281	83	23	0.1	0.14	100.216	27.394	487.569	442.225	0.442225	6
6	9	7	480	131	24	0.1	0.14	282.105	36.807	1542.136	1459.424	1.459424	6
6	9	8	607	160	26	0.1	0.14	490.118	48.528	2706.478	2582.509	2.582509	6
6	9	9	685	179	27	0.1	0.14	684.322	58.379	3603.708	3447.946	3.447946	6

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
6	9	10	668	230	28	0.2	0.14	824.729	64.538	4194.957	4018.245	4.018245	6
6	9	11	685	246	28	0.2	0.14	924.09	68.897	4587.291	4396.677	4.396677	6
6	9	12	687	256	29	0.1	0.14	963.331	73.017	4682.301	4488.321	4.488321	6
6	9	13	651	274	29	0.1	0.14	929.443	71.471	4552.897	4363.502	4.363502	6
6	9	14	619	267	29	0.1	0.14	837.284	67.289	4196.038	4019.287	4.019287	6
6	9	15	569	249	30	0.2	0.14	691.375	60.655	3588.14	3432.93	3.43293	6
6	9	16	514	211	30	0.2	0.14	514.144	52.849	2775.139	2648.737	2.648737	6
6	9	17	401	171	28	0.2	0.14	317.558	42.045	1743.07	1653.238	1.653238	6
6	9	18	244	109	26	0.4	0.14	136.347	31.545	701.576	648.648	0.648648	6
6	9	19	53	25	25	0.6	0.14	22.141	25.837	102.029	70.346	0.070346	6
6	9	20	0	0	25	0.6	0.14	0	25	0	0	0	6
6	9	21	0	0	24	0.6	0.14	0	24	0	0	0	6
6	9	22	0	0	23	0.5	0.14	0	23	0	0	0	6
6	9	23	0	0	22	0.2	0.14	0	22	0	0	0	6
6	10	0	0	0	22	0.1	0.14	0	22	0	0	0	6
6	10	1	0	0	22	0.1	0.14	0	22	0	0	0	6
6	10	2	0	0	21	0.1	0.14	0	21	0	0	0	6
6	10	3	0	0	21	0.1	0.14	0	21	0	0	0	6
6	10	4	0	0	21	0.1	0.14	0	21	0	0	0	6
6	10	5	16	8	21	0.1	0.14	7.504	21.297	25.246	0	0	6
6	10	6	190	91	22	0.2	0.14	98.613	26.254	507.431	461.382	0.461382	6
6	10	7	355	162	23	0.2	0.14	268.817	34.845	1492.759	1411.796	1.411796	6
6	10	8	480	208	24	0.2	0.14	465.327	44.691	2601.374	2481.129	2.481129	6
6	10	9	563	239	25	0.2	0.14	652.358	53.94	3492.213	3340.402	3.340402	6
6	10	10	348	382	27	0.2	0.14	689.654	57.495	3593.459	3438.061	3.438061	6
6	10	11	295	446	28	0.2	0.14	740.957	60.713	3786.716	3624.47	3.62447	6
6	10	12	18	322	28	0.3	0.14	328.956	42.034	1777.109	1686.071	1.686071	6
6	10	13	441	396	28	0.3	0.14	844.897	64.179	4262.791	4083.675	4.083675	6
6	10	14	431	356	28	0.3	0.14	755.438	60.379	3890.418	3724.497	3.724497	6
6	10	15	219	362	28	0.3	0.14	525.215	50.518	2816.748	2688.872	2.688872	6
6	10	16	159	281	27	0.2	0.14	366.328	43.241	2026.675	1926.794	1.926794	6
6	10	17	0	137	26	0.1	0.14	129.316	31.931	728.002	674.138	0.674138	6
6	10	18	0	11	25	0.1	0.14	10.391	25.477	53.708	23.737	0.023737	6
6	10	19	0	1	23	0.1	0.14	0.943	23.042	0	0	0	6
6	10	20	0	0	23	0.2	0.14	0	23	0	0	0	6
6	10	21	0	0	23	0.1	0.14	0	23	0	0	0	6
6	10	22	0	0	22	0.1	0.14	0	22	0	0	0	6
6	10	23	0	0	22	0.1	0.14	0	22	0	0	0	6
6	11	0	0	0	21	0.1	0.14	0	21	0	0	0	6
6	11	1	0	0	21	0.1	0.14	0	21	0	0	0	6
6	11	2	0	0	21	0.1	0.14	0	21	0	0	0	6
6	11	3	0	0	21	0.1	0.14	0	21	0	0	0	6
6	11	4	0	0	20	0.1	0.14	0	20	0	0	0	6

Month	Day	Hour	Beam Irradiance (W/m ²)	Diffuse Irradiance (W/m ²)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m ²)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
6	11	5	0	2	20	0.1	0.14	1.886	20.075	5.918	0	0	6
6	11	6	0	9	21	0.2	0.14	8.498	21.378	44.199	14.565	0.014565	6
6	11	7	197	163	22	0.2	0.14	217.402	31.606	1227.09	1155.541	1.155541	6
6	11	8	600	163	23	0.2	0.14	488.471	44.737	2740.32	2615.152	2.615152	6
6	11	9	57	318	23	0.2	0.14	349.841	38.462	1950.06	1852.893	1.852893	6
6	11	10	734	189	24	0.2	0.14	840.275	61.241	4343.262	4161.295	4.161295	6
6	11	11	741	208	25	0.3	0.14	939.021	65.289	4743.249	4547.109	4.547109	6
6	11	12	726	228	26	0.3	0.14	973.719	67.756	4852.552	4652.538	4.652538	6
6	11	13	774	187	26	0.3	0.14	957.69	67.092	4797.819	4599.745	4.599745	6
6	11	14	746	185	26	0.3	0.14	866.819	63.222	4436.088	4250.832	4.250832	6
6	11	15	327	328	26	0.3	0.14	579.255	50.855	3115.82	2977.346	2.977346	6
6	11	16	646	155	26	0.2	0.14	540.644	50.046	2964.771	2831.65	2.83165	6
6	11	17	547	128	25	0.2	0.14	335.717	39.833	1855.964	1762.132	1.762132	6
6	11	18	375	91	24	0.1	0.14	141.507	30.224	696.808	644.049	0.644049	6
6	11	19	106	31	22	0.2	0.14	25.573	23.095	122.467	90.059	0.090059	6
6	11	20	0	0	22	0.2	0.14	0	22	0	0	0	6
6	11	21	0	0	22	0.1	0.14	0	22	0	0	0	6
6	11	22	0	0	21	0.1	0.14	0	21	0	0	0	6
6	11	23	0	0	21	0.1	0.14	0	21	0	0	0	6
6	12	0	0	0	21	0.1	0.14	0	21	0	0	0	6
6	12	1	0	0	20	0.1	0.14	0	20	0	0	0	6
6	12	2	0	0	19	0.2	0.14	0	19	0	0	0	6
6	12	3	0	0	18	0.2	0.14	0	18	0	0	0	6
6	12	4	0	0	16	0.3	0.14	0	16	0	0	0	6
6	12	5	31	13	16	0.4	0.14	11.083	16.399	39.026	9.576	0.009576	6
6	12	6	0	29	16	0.3	0.14	27.429	17.181	154.197	120.665	0.120665	6
6	12	7	0	84	18	0.3	0.14	79.572	21.427	460.719	416.326	0.416326	6
6	12	8	0	145	19	0.4	0.14	137.613	24.73	792.954	736.789	0.736789	6
6	12	9	692	182	20	0.4	0.14	691.111	48.845	3791.929	3629.498	3.629498	6
6	12	10	754	189	22	0.4	0.14	857.274	57.721	4500.193	4312.665	4.312665	6
6	12	11	812	177	23	0.4	0.14	971.77	63.459	4952.438	4748.885	4.748885	6
6	12	12	846	165	24	0.4	0.14	1024.909	66.66	5139.191	4929.021	4.929021	6
6	12	13	877	141	24	0.4	0.14	1005.441	65.868	5069.24	4861.549	4.861549	6
6	12	14	874	129	24	0.4	0.14	921.114	62.392	4738.308	4542.343	4.542343	6
6	12	15	398	313	23	0.4	0.14	619.104	48.781	3367.337	3219.951	3.219951	6
6	12	16	445	225	22	0.4	0.14	487.884	42.376	2746.421	2621.036	2.621036	6
6	12	17	546	122	21	0.3	0.14	330.114	35.135	1859.993	1766.018	1.766018	6
6	12	18	539	70	19	0.2	0.14	150.238	25.275	714.07	660.699	0.660699	6
6	12	19	211	30	17	0.2	0.14	23.257	17.998	114.347	82.227	0.082227	6
6	12	20	0	0	16	0.2	0.14	0	16	0	0	0	6
6	12	21	0	0	16	0.2	0.14	0	16	0	0	0	6
6	12	22	0	0	15	0.2	0.14	0	15	0	0	0	6
6	12	23	0	0	14	0.1	0.14	0	14	0	0	0	6

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
6	13	0	0	0	14	0.1	0.14	0	14	0	0	0	6
6	13	1	0	0	13	0.1	0.14	0	13	0	0	0	6
6	13	2	0	0	13	0.1	0.14	0	13	0	0	0	6
6	13	3	0	0	13	0.1	0.14	0	13	0	0	0	6
6	13	4	0	0	13	0.1	0.14	0	13	0	0	0	6
6	13	5	0	9	13	0.1	0.14	8.504	13.337	30.028	0.896	0.000896	6
6	13	6	150	80	15	0.2	0.14	85.086	18.681	453.836	409.687	0.409687	6
6	13	7	3	133	16	0.3	0.14	126.041	21.428	742.898	688.506	0.688506	6
6	13	8	89	252	18	0.3	0.14	288.651	30.404	1674.052	1586.666	1.586666	6
6	13	9	756	152	19	0.3	0.14	707.073	49.432	3875.127	3709.748	3.709748	6
6	13	10	821	146	21	0.3	0.14	869.365	58.358	4557.08	4367.536	4.367536	6
6	13	11	836	155	22	0.3	0.14	972.351	63.739	4952.051	4748.512	4.748512	6
6	13	12	841	159	22	0.3	0.14	1013.664	65.495	5111.15	4901.973	4.901973	6
6	13	13	808	178	23	0.3	0.14	982.07	65.142	4963.391	4759.45	4.75945	6
6	13	14	802	165	23	0.3	0.14	897.761	61.559	4630.533	4438.387	4.438387	6
6	13	15	773	151	23	0.3	0.14	752.815	55.384	4015.232	3844.888	3.844888	6
6	13	16	716	135	22	0.2	0.14	563.447	47.067	3134.258	2995.131	2.995131	6
6	13	17	614	116	22	0.1	0.14	351.151	38.021	1956.813	1859.407	1.859407	6
6	13	18	451	84	21	0.3	0.14	148.474	27.082	725.236	671.47	0.67147	6
6	13	19	164	32	19	0.6	0.14	24.857	19.948	122.283	89.882	0.089882	6
6	13	20	0	0	18	0.8	0.14	0	18	0	0	0	6
6	13	21	0	0	17	0.8	0.14	0	17	0	0	0	6
6	13	22	0	0	15	0.7	0.14	0	15	0	0	0	6
6	13	23	0	0	15	0.7	0.14	0	15	0	0	0	6
6	14	0	0	0	15	0.8	0.14	0	15	0	0	0	6
6	14	1	0	0	15	0.9	0.14	0	15	0	0	0	6
6	14	2	0	0	14	0.9	0.14	0	14	0	0	0	6
6	14	3	0	0	13	0.8	0.14	0	13	0	0	0	6
6	14	4	0	0	13	0.7	0.14	0	13	0	0	0	6
6	14	5	85	15	14	0.4	0.14	11.745	14.423	41.874	12.322	0.012322	6
6	14	6	439	64	16	0.2	0.14	99.281	20.073	450.572	406.539	0.406539	6
6	14	7	482	118	18	0.2	0.14	269.113	29.818	1507.079	1425.609	1.425609	6
6	14	8	318	236	20	0.3	0.14	400.968	37.263	2296.643	2187.196	2.187196	6
6	14	9	530	243	22	0.3	0.14	630.924	49.122	3445.226	3295.08	3.29508	6
6	14	10	509	319	23	0.3	0.14	771.415	56.09	4059.728	3887.807	3.887807	6
6	14	11	463	385	24	0.3	0.14	846.562	60.26	4350.705	4168.475	4.168475	6
6	14	12	492	403	24	0.3	0.14	914.022	63.136	4629.625	4437.511	4.437511	6
6	14	13	451	396	25	0.2	0.14	854.65	62.762	4339.532	4157.697	4.157697	6
6	14	14	472	346	24	0.2	0.14	782.952	58.633	4065.995	3893.852	3.893852	6
6	14	15	516	267	24	0.2	0.14	669.819	53.689	3578.861	3423.98	3.42398	6
6	14	16	517	198	23	0.2	0.14	505.301	45.457	2814.441	2686.647	2.686647	6
6	14	17	601	119	22	0.2	0.14	349.564	37.443	1953.533	1856.244	1.856244	6
6	14	18	435	86	20	0.2	0.14	148.13	26.274	730.778	676.816	0.676816	6

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6	14	19	146	32	17	0.1	0.14	24.821	18.104	123.861	91.404	0.091404	6
6	14	20	0	0	16	0.1	0.14	0	16	0	0	0	6
6	14	21	0	0	16	0.2	0.14	0	16	0	0	0	6
6	14	22	0	0	15	0.2	0.14	0	15	0	0	0	6
6	14	23	0	0	15	0.2	0.14	0	15	0	0	0	6
6	15	0	0	0	15	0.1	0.14	0	15	0	0	0	6
6	15	1	0	0	14	0.1	0.14	0	14	0	0	0	6
6	15	2	0	0	13	0.1	0.14	0	13	0	0	0	6
6	15	3	0	0	13	0.1	0.14	0	13	0	0	0	6
6	15	4	0	0	14	0.2	0.14	0	14	0	0	0	6
6	15	5	0	10	14	0.2	0.14	9.453	14.362	33.377	4.126	0.004126	6
6	15	6	142	80	16	0.3	0.14	84.05	19.528	448.443	404.485	0.404485	6
6	15	7	158	165	18	0.3	0.14	205.931	26.825	1186.786	1116.666	1.116666	6
6	15	8	0	56	20	0.4	0.14	53.103	22.211	297.231	258.631	0.258631	6
6	15	9	0	66	21	0.4	0.14	62.679	23.602	347.482	307.102	0.307102	6
6	15	10	0	82	22	0.5	0.14	78.005	25.138	430.533	387.21	0.38721	6
6	15	11	0	120	22	0.5	0.14	114.555	26.603	635.87	585.27	0.58527	6
6	15	12	14	270	22	0.5	0.14	274.007	33.01	1528.492	1446.263	1.446263	6
6	15	13	12	238	23	0.5	0.14	240.398	32.662	1338.396	1262.903	1.262903	6
6	15	14	8	193	22	0.4	0.14	191.835	29.948	1075.063	1008.901	1.008901	6
6	15	15	3	164	21	0.3	0.14	158.632	27.785	895.878	836.065	0.836065	6
6	15	16	10	202	21	0.2	0.14	197.957	29.761	1129.204	1061.124	1.061124	6
6	15	17	66	185	20	0.2	0.14	199.859	28.865	1154.342	1085.371	1.085371	6
6	15	18	147	103	20	0.1	0.14	117.831	25.314	639.296	588.576	0.588576	6
6	15	19	0	28	19	0.2	0.14	26.088	20.126	130.017	97.342	0.097342	6
6	15	20	0	0	19	0.5	0.14	0	19	0	0	0	6
6	15	21	0	0	19	0.6	0.14	0	19	0	0	0	6
6	15	22	0	0	19	0.6	0.14	0	19	0	0	0	6
6	15	23	0	0	19	0.7	0.14	0	19	0	0	0	6
6	16	0	0	0	18	0.6	0.14	0	18	0	0	0	6
6	16	1	0	0	18	0.3	0.14	0	18	0	0	0	6
6	16	2	0	0	18	0.1	0.14	0	18	0	0	0	6
6	16	3	0	0	18	0.1	0.14	0	18	0	0	0	6
6	16	4	0	0	17	0.1	0.14	0	17	0	0	0	6
6	16	5	91	15	17	0.2	0.14	11.752	17.45	41.265	11.735	0.011735	6
6	16	6	469	60	18	0.3	0.14	97.866	21.857	430.212	386.899	0.386899	6
6	16	7	662	86	20	0.3	0.14	297.655	32.627	1634.114	1548.143	1.548143	6
6	16	8	767	102	23	0.3	0.14	516.949	45.315	2906.126	2775.082	2.775082	6
6	16	9	828	112	24	0.3	0.14	716.822	54.865	3844.864	3680.557	3.680557	6
6	16	10	877	110	25	0.4	0.14	876.353	61.543	4535.084	4346.32	4.34632	6
6	16	11	894	115	26	0.4	0.14	981.044	66.866	4931.852	4729.029	4.729029	6
6	16	12	899	120	26	0.5	0.14	1025.111	67.443	5128.395	4918.608	4.918608	6
6	16	13	880	129	26	0.5	0.14	996.856	66.307	5017.764	4811.897	4.811897	6

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
6	16	14	231	429	26	0.5	0.14	637.211	51.687	3387.663	3239.557	3.239557	6
6	16	15	821	122	26	0.4	0.14	761.938	57.804	4025.097	3854.404	3.854404	6
6	16	16	95	278	26	0.3	0.14	323.341	39.883	1803.434	1711.463	1.711463	6
6	16	17	664	96	25	0.2	0.14	353.022	40.591	1945.398	1848.397	1.848397	6
6	16	18	499	72	23	0.2	0.14	147.722	29.202	700.449	647.561	0.647561	6
6	16	19	189	31	21	0.2	0.14	23.968	22.035	118.223	85.966	0.085966	6
6	16	20	0	0	19	0.2	0.14	0	19	0	0	0	6
6	16	21	0	0	19	0.2	0.14	0	19	0	0	0	6
6	16	22	0	0	19	0.2	0.14	0	19	0	0	0	6
6	16	23	0	0	19	0.2	0.14	0	19	0	0	0	6
6	17	0	0	0	19	0.2	0.14	0	19	0	0	0	6
6	17	1	0	0	19	0.2	0.14	0	19	0	0	0	6
6	17	2	0	0	19	0.2	0.14	0	19	0	0	0	6
6	17	3	0	0	19	0.2	0.14	0	19	0	0	0	6
6	17	4	0	0	19	0.1	0.14	0	19	0	0	0	6
6	17	5	32	13	19	0.1	0.14	12.608	19.499	44.069	14.439	0.014439	6
6	17	6	0	35	19	0.1	0.14	33.121	20.52	184.951	150.33	0.15033	6
6	17	7	81	163	20	0.2	0.14	178.566	27.912	1027.162	962.697	0.962697	6
6	17	8	606	159	21	0.2	0.14	485.287	42.596	2747.307	2621.891	2.621891	6
6	17	9	398	296	23	0.2	0.14	582.071	48.798	3170.831	3030.408	3.030408	6
6	17	10	162	418	25	0.3	0.14	556.981	48.836	2991.247	2857.188	2.857188	6
6	17	11	725	219	27	0.3	0.14	933.285	67.039	4675.764	4482.015	4.482015	6
6	17	12	746	213	28	0.3	0.14	977.738	69.933	4825.717	4626.654	4.626654	6
6	17	13	797	171	29	0.3	0.14	964.6	70.392	4761.096	4564.323	4.564323	6
6	17	14	779	163	28	0.3	0.14	876.121	65.627	4437.474	4252.169	4.252169	6
6	17	15	744	152	28	0.3	0.14	733.2	59.537	3838.813	3674.72	3.67472	6
6	17	16	553	186	27	0.3	0.14	516.3	49.242	2832.812	2704.366	2.704366	6
6	17	17	241	185	26	0.2	0.14	270.029	37.959	1508.202	1426.692	1.426692	6
6	17	18	127	105	24	0.1	0.14	116.56	29.27	627.2	576.908	0.576908	6
6	17	19	8	30	23	0.1	0.14	27.777	24.241	137.237	104.306	0.104306	6
6	17	20	0	0	22	0.1	0.14	0	22	0	0	0	6
6	17	21	0	0	22	0.2	0.14	0	22	0	0	0	6
6	17	22	0	0	22	0.1	0.14	0	22	0	0	0	6
6	17	23	0	0	21	0.1	0.14	0	21	0	0	0	6
6	18	0	0	0	21	0.1	0.14	0	21	0	0	0	6
6	18	1	0	0	21	0.1	0.14	0	21	0	0	0	6
6	18	2	0	0	21	0.2	0.14	0	21	0	0	0	6
6	18	3	0	0	21	0.2	0.14	0	21	0	0	0	6
6	18	4	0	0	21	0.1	0.14	0	21	0	0	0	6
6	18	5	0	2	21	0.1	0.14	1.94	21.077	6.07	0	0	6
6	18	6	0	18	21	0.2	0.14	17.01	21.756	91.442	60.134	0.060134	6
6	18	7	0	61	21	0.2	0.14	57.81	23.569	327.096	287.438	0.287438	6
6	18	8	0	99	22	0.1	0.14	93.979	26.299	529.804	482.963	0.482963	6

Month	Day	Hour	Beam Irradiance (W/m ²)	Diffuse Irradiance (W/m ²)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m ²)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
6	18	9	6	193	23	0.1	0.14	188.316	31.591	1056.282	990.785	0.990785	6
6	18	10	14	264	24	0.1	0.14	265.292	36.081	1467.903	1387.821	1.387821	6
6	18	11	6	168	25	0.1	0.14	166.521	32.574	915.532	855.023	0.855023	6
6	18	12	17	315	26	0.2	0.14	321.007	40.131	1746.728	1656.766	1.656766	6
6	18	13	45	414	26	0.2	0.14	454.026	45.998	2436.637	2322.229	2.322229	6
6	18	14	424	360	25	0.3	0.14	754.072	57.317	3934.559	3767.074	3.767074	6
6	18	15	134	368	25	0.3	0.14	466.456	44.982	2548.073	2429.717	2.429717	6
6	18	16	178	284	24	0.2	0.14	381.494	40.914	2133.756	2030.08	2.03008	6
6	18	17	261	183	23	0.2	0.14	276.217	35.232	1560.932	1477.554	1.477554	6
6	18	18	0	64	22	0.1	0.14	60.466	24.778	342.18	301.987	0.301987	6
6	18	19	0	13	21	0.1	0.14	12.282	21.549	59.221	29.055	0.029055	6
6	18	20	0	0	21	0.1	0.14	0	21	0	0	0	6
6	18	21	0	0	21	0.1	0.14	0	21	0	0	0	6
6	18	22	0	0	21	0.1	0.14	0	21	0	0	0	6
6	18	23	0	0	21	0.1	0.14	0	21	0	0	0	6
6	19	0	0	0	21	0.2	0.14	0	21	0	0	0	6
6	19	1	0	0	20	0.2	0.14	0	20	0	0	0	6
6	19	2	0	0	20	0.1	0.14	0	20	0	0	0	6
6	19	3	0	0	20	0.1	0.14	0	20	0	0	0	6
6	19	4	0	0	19	0.1	0.14	0	19	0	0	0	6
6	19	5	0	7	19	0.1	0.14	6.789	19.269	23.005	0	0	6
6	19	6	0	38	20	0.2	0.14	35.969	21.598	200.607	165.431	0.165431	6
6	19	7	0	73	22	0.2	0.14	69.221	25.076	392.207	350.242	0.350242	6
6	19	8	0	26	23	0.3	0.14	24.631	24.057	131.853	99.113	0.099113	6
6	19	9	0	82	24	0.3	0.14	77.905	27.334	429.001	385.732	0.385732	6
6	19	10	28	331	24	0.2	0.14	348.185	39.354	1917.206	1821.204	1.821204	6
6	19	11	172	468	24	0.1	0.14	636.598	53.003	3350.704	3203.907	3.203907	6
6	19	12	13	255	24	0.1	0.14	258.363	35.747	1422.215	1343.753	1.343753	6
6	19	13	0	106	24	0.2	0.14	101.168	28.453	553.798	506.106	0.506106	6
6	19	14	14	270	24	0.2	0.14	271.842	35.98	1503.534	1422.19	1.42219	6
6	19	15	55	337	24	0.2	0.14	370.421	40.36	2046.209	1945.636	1.945636	6
6	19	16	16	219	24	0.3	0.14	217.771	33.341	1228.133	1156.547	1.156547	6
6	19	17	460	146	23	0.2	0.14	321.045	37.199	1799.112	1707.294	1.707294	6
6	19	18	70	105	22	0.1	0.14	107.983	26.916	599.625	550.309	0.550309	6
6	19	19	111	35	21	0.1	0.14	28.701	22.284	144.121	110.946	0.110946	6
6	19	20	0	0	20	0.1	0.14	0	20	0	0	0	6
6	19	21	0	0	20	0.1	0.14	0	20	0	0	0	6
6	19	22	0	0	20	0.2	0.14	0	20	0	0	0	6
6	19	23	0	0	20	0.5	0.14	0	20	0	0	0	6
6	20	0	0	0	20	0.6	0.14	0	20	0	0	0	6
6	20	1	0	0	20	0.6	0.14	0	20	0	0	0	6
6	20	2	0	0	19	0.5	0.14	0	19	0	0	0	6
6	20	3	0	0	19	0.2	0.14	0	19	0	0	0	6

Month	Day	Hour	Beam Irradiance (W/m ²)	Diffuse Irradiance (W/m ²)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m ²)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
6	20	4	0	0	19	0.1	0.14	0	19	0	0	0	6
6	20	5	0	0	20	0.1	0.14	0	0	0	0	0	6
6	20	6	0	23	21	0.2	0.14	21.744	21.966	118.174	85.918	0.085918	6
6	20	7	0	21	23	0.3	0.14	19.865	23.856	106.695	74.847	0.074847	6
6	20	8	0	26	24	0.3	0.14	24.63	25.057	131.228	98.51	0.09851	6
6	20	9	0	112	25	0.3	0.14	106.5	29.558	588.734	539.805	0.539805	6
6	20	10	0	63	26	0.3	0.14	59.904	28.559	321.803	282.332	0.282332	6
6	20	11	0	102	27	0.2	0.14	97.282	31.283	525.484	478.796	0.478796	6
6	20	12	40	413	27	0.2	0.14	449.616	46.798	2401.75	2288.578	2.288578	6
6	20	13	113	470	27	0.3	0.14	585.093	51.993	3081.889	2944.618	2.944618	6
6	20	14	212	433	27	0.3	0.14	624.425	53.721	3288.075	3143.497	3.143497	6
6	20	15	167	370	26	0.3	0.14	494.087	47.172	2679.75	2556.728	2.556728	6
6	20	16	90	279	26	0.3	0.14	321.625	39.808	1793.441	1701.824	1.701824	6
6	20	17	25	170	25	0.2	0.14	169.884	32.539	962.249	900.085	0.900085	6
6	20	18	4	94	24	0.2	0.14	88.092	27.916	498.73	452.99	0.45299	6
6	20	19	0	12	23	0.3	0.14	11.335	23.476	54.176	24.188	0.024188	6
6	20	20	0	0	23	0.3	0.14	0	23	0	0	0	6
6	20	21	0	0	22	0.1	0.14	0	22	0	0	0	6
6	20	22	0	0	22	0.1	0.14	0	22	0	0	0	6
6	20	23	0	0	22	0.1	0.14	0	22	0	0	0	6
6	21	0	0	0	22	0.4	0.14	0	22	0	0	0	6
6	21	1	0	0	22	0.6	0.14	0	22	0	0	0	6
6	21	2	0	0	22	0.7	0.14	0	22	0	0	0	6
6	21	3	0	0	21	0.5	0.14	0	21	0	0	0	6
6	21	4	0	0	21	0.2	0.14	0	21	0	0	0	6
6	21	5	0	4	22	0.2	0.14	3.879	22.149	12.548	0	0	6
6	21	6	0	49	23	0.2	0.14	46.386	25.06	257.639	220.442	0.220442	6
6	21	7	459	131	23	0.3	0.14	271.106	34.541	1490.439	1409.559	1.409559	6
6	21	8	585	161	24	0.3	0.14	474.146	44.449	2662.098	2539.701	2.539701	6
6	21	9	659	184	25	0.3	0.14	665.347	53.625	3575.833	3421.059	3.421059	6
6	21	10	710	197	26	0.3	0.14	823.93	61.387	4255.288	4076.438	4.076438	6
6	21	11	749	196	27	0.3	0.14	927.94	66.818	4657.468	4464.367	4.464367	6
6	21	12	767	192	27	0.3	0.14	972.383	68.711	4829.846	4630.638	4.630638	6
6	21	13	40	405	27	0.3	0.14	440.06	45.783	2361.646	2249.895	2.249895	6
6	21	14	0	99	27	0.3	0.14	94.296	31.026	510.537	464.379	0.464379	6
6	21	15	0	78	27	0.4	0.14	74.128	30.075	401.231	358.946	0.358946	6
6	21	16	0	147	26	0.4	0.14	139.672	31.81	778.632	722.974	0.722974	6
6	21	17	0	119	25	0.4	0.14	112.543	29.697	635.59	585	0.585	6
6	21	18	41	103	23	0.4	0.14	101.516	27.221	569.044	520.812	0.520812	6
6	21	19	0	25	23	0.4	0.14	23.669	23.965	117.405	85.177	0.085177	6
6	21	20	0	0	22	0.5	0.14	0	22	0	0	0	6
6	21	21	0	0	22	0.5	0.14	0	22	0	0	0	6
6	21	22	0	0	22	0.5	0.14	0	22	0	0	0	6

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
6	21	23	0	0	21	0.4	0.14	0	21	0	0	0	6
6	22	0	0	0	21	0.3	0.14	0	21	0	0	0	6
6	22	1	0	0	21	0.3	0.14	0	21	0	0	0	6
6	22	2	0	0	21	0.3	0.14	0	21	0	0	0	6
6	22	3	0	0	21	0.3	0.14	0	21	0	0	0	6
6	22	4	0	0	21	0.2	0.14	0	21	0	0	0	6
6	22	5	0	15	21	0.2	0.14	14.548	21.558	50.687	20.823	0.020823	6
6	22	6	0	9	21	0.3	0.14	8.498	21.366	44.171	14.538	0.014538	6
6	22	7	0	73	22	0.4	0.14	69.221	24.892	392.574	350.595	0.350595	6
6	22	8	0	156	24	0.4	0.14	148	30.163	836.18	778.483	0.778483	6
6	22	9	18	256	25	0.4	0.14	257.445	35.693	1436.157	1357.2	1.3572	6
6	22	10	51	374	26	0.5	0.14	410.796	42.541	2243.82	2136.244	2.136244	6
6	22	11	43	403	27	0.5	0.14	439.534	44.675	2372.118	2259.996	2.259996	6
6	22	12	30	385	27	0.5	0.14	411.294	43.53	2222.193	2115.384	2.115384	6
6	22	13	39	402	26	0.6	0.14	436.069	43.036	2366.935	2254.997	2.254997	6
6	22	14	223	432	25	0.5	0.14	633.573	50.538	3383.547	3235.587	3.235587	6
6	22	15	740	163	24	0.4	0.14	744.517	55.062	3973.198	3804.344	3.804344	6
6	22	16	664	155	24	0.4	0.14	556.764	47.278	3089.372	2951.836	2.951836	6
6	22	17	234	188	24	0.3	0.14	271.175	35.642	1530.786	1448.476	1.448476	6
6	22	18	62	105	23	0.3	0.14	106.876	27.57	593.858	544.747	0.544747	6
6	22	19	0	11	22	0.2	0.14	10.389	22.451	49.877	20.042	0.020042	6
6	22	20	0	0	21	0.2	0.14	0	21	0	0	0	6
6	22	21	0	0	21	0.2	0.14	0	21	0	0	0	6
6	22	22	0	0	21	0.2	0.14	0	21	0	0	0	6
6	22	23	0	0	20	0.2	0.14	0	20	0	0	0	6
6	23	0	0	0	20	0.2	0.14	0	20	0	0	0	6
6	23	1	0	0	20	0.2	0.14	0	20	0	0	0	6
6	23	2	0	0	20	0.2	0.14	0	20	0	0	0	6
6	23	3	0	0	20	0.2	0.14	0	20	0	0	0	6
6	23	4	0	0	20	0.2	0.14	0	20	0	0	0	6
6	23	5	120	13	20	0.2	0.14	12.608	20.483	43.847	14.225	0.014225	6
6	23	6	496	52	21	0.3	0.14	90.168	24.496	374.247	332.918	0.332918	6
6	23	7	675	74	22	0.4	0.14	287.879	33.828	1562.073	1478.655	1.478655	6
6	23	8	769	89	23	0.5	0.14	501.061	43.377	2840.566	2711.845	2.711845	6
6	23	9	2	162	24	0.5	0.14	155.716	30.278	871.831	812.871	0.812871	6
6	23	10	0	124	25	0.6	0.14	118.169	29.62	651.169	600.027	0.600027	6
6	23	11	26	357	26	0.6	0.14	376.93	40.727	2059.188	1958.155	1.958155	6
6	23	12	887	116	26	0.6	0.14	1008.822	65.634	5090.196	4881.762	4.881762	6
6	23	13	153	478	26	0.6	0.14	632.559	50.74	3357.045	3210.024	3.210024	6
6	23	14	140	436	26	0.6	0.14	562.692	48.026	3025.567	2890.291	2.890291	6
6	23	15	806	128	25	0.5	0.14	759.709	55.786	4047.008	3875.539	3.875539	6
6	23	16	236	279	24	0.5	0.14	412.266	40.691	2315.805	2205.679	2.205679	6
6	23	17	269	183	23	0.4	0.14	280.548	34.681	1590.455	1506.031	1.506031	6

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
6	23	18	532	70	22	0.3	0.14	154.625	28.288	736.19	682.036	0.682036	6
6	23	19	241	31	20	0.2	0.14	24.298	21.055	122.548	90.138	0.090138	6
6	23	20	0	0	19	0.2	0.14	0	19	0	0	0	6
6	23	21	0	0	18	0.2	0.14	0	18	0	0	0	6
6	23	22	0	0	18	0.1	0.14	0	18	0	0	0	6
6	23	23	0	0	17	0.1	0.14	0	17	0	0	0	6
6	24	0	0	0	17	0.1	0.14	0	17	0	0	0	6
6	24	1	0	0	17	0.1	0.14	0	17	0	0	0	6
6	24	2	0	0	16	0.2	0.14	0	16	0	0	0	6
6	24	3	0	0	16	0.2	0.14	0	16	0	0	0	6
6	24	4	0	0	16	0.2	0.14	0	16	0	0	0	6
6	24	5	117	13	16	0.2	0.14	12.608	16.483	44.747	15.093	0.015093	6
6	24	6	0	55	18	0.3	0.14	51.716	20.226	294.849	256.333	0.256333	6
6	24	7	20	144	19	0.4	0.14	141.405	24.903	822.933	765.705	0.765705	6
6	24	8	0	69	20	0.5	0.14	65.456	22.646	369.216	328.066	0.328066	6
6	24	9	0	119	21	0.5	0.14	113.178	25.563	638.19	587.508	0.587508	6
6	24	10	0	50	21	0.5	0.14	47.528	22.912	259.16	221.909	0.221909	6
6	24	11	20	326	21	0.5	0.14	333.542	34.409	1863.925	1769.81	1.76981	6
6	24	12	21	344	22	0.5	0.14	353.477	36.204	1960.738	1863.193	1.863193	6
6	24	13	82	456	22	0.5	0.14	533	43.438	2903.977	2773.009	2.773009	6
6	24	14	9	204	23	0.4	0.14	203.401	31.427	1135.135	1066.844	1.066844	6
6	24	15	136	370	22	0.4	0.14	470.582	41.555	2607.866	2487.391	2.487391	6
6	24	16	129	286	22	0.4	0.14	354.87	36.784	2011.75	1912.398	1.912398	6
6	24	17	670	98	21	0.3	0.14	361.703	36.492	2033.566	1933.44	1.93344	6
6	24	18	201	107	20	0.2	0.14	131.186	25.703	703.116	650.133	0.650133	6
6	24	19	234	33	18	0.1	0.14	25.501	19.144	130.245	97.562	0.097562	6
6	24	20	0	0	17	0.1	0.14	0	17	0	0	0	6
6	24	21	0	0	16	0.1	0.14	0	16	0	0	0	6
6	24	22	0	0	15	0.1	0.14	0	15	0	0	0	6
6	24	23	0	0	15	0.1	0.14	0	15	0	0	0	6
6	25	0	0	0	15	0.1	0.14	0	15	0	0	0	6
6	25	1	0	0	16	0.1	0.14	0	16	0	0	0	6
6	25	2	0	0	15	0.1	0.14	0	15	0	0	0	6
6	25	3	0	0	15	0.1	0.14	0	15	0	0	0	6
6	25	4	0	0	15	0.1	0.14	0	15	0	0	0	6
6	25	5	104	13	15	0.1	0.14	12.608	15.499	44.968	15.307	0.015307	6
6	25	6	476	56	17	0.2	0.14	91.063	20.673	392.584	350.605	0.350605	6
6	25	7	664	81	19	0.3	0.14	288.48	31.219	1582.778	1498.626	1.498626	6
6	25	8	763	99	20	0.3	0.14	506.647	41.873	2889.662	2759.201	2.759201	6
6	25	9	205	340	22	0.3	0.14	480.663	42.62	2666.769	2544.207	2.544207	6
6	25	10	431	339	23	0.3	0.14	720.867	53.91	3824.369	3660.788	3.660788	6
6	25	11	362	399	24	0.3	0.14	756.057	56.368	3946.714	3778.798	3.778798	6
6	25	12	247	477	25	0.3	0.14	737.304	56.522	3827.346	3663.66	3.66366	6

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
6	25	13	229	471	25	0.3	0.14	700.2	54.939	3660.403	3502.632	3.502632	6
6	25	14	256	425	25	0.2	0.14	662.985	54.283	3488.321	3336.648	3.336648	6
6	25	15	253	360	25	0.2	0.14	556.174	49.607	2998.209	2863.903	2.863903	6
6	25	16	410	240	25	0.2	0.14	485.622	46.564	2682.046	2558.943	2.558943	6
6	25	17	360	168	25	0.2	0.14	303.043	38.415	1692.329	1604.295	1.604295	6
6	25	18	500	69	24	0.3	0.14	148.93	30.068	706.714	653.605	0.653605	6
6	25	19	192	33	22	0.5	0.14	25.478	23.01	127.891	95.292	0.095292	6
6	25	20	0	0	21	0.7	0.14	0	21	0	0	0	6
6	25	21	0	0	20	0.8	0.14	0	20	0	0	0	6
6	25	22	0	0	19	0.7	0.14	0	19	0	0	0	6
6	25	23	0	0	19	0.6	0.14	0	19	0	0	0	6
6	26	0	0	0	18	0.3	0.14	0	18	0	0	0	6
6	26	1	0	0	18	0.1	0.14	0	18	0	0	0	6
6	26	2	0	0	18	0.1	0.14	0	18	0	0	0	6
6	26	3	0	0	17	0.2	0.14	0	17	0	0	0	6
6	26	4	0	0	17	0.2	0.14	0	17	0	0	0	6
6	26	5	0	1	17	0.2	0.14	0.97	17.037	0	0	0	6
6	26	6	0	9	17	0.2	0.14	8.498	17.377	45.051	15.386	0.015386	6
6	26	7	0	66	17	0.2	0.14	62.562	19.781	361.283	320.413	0.320413	6
6	26	8	0	84	18	0.3	0.14	79.725	21.422	455.974	411.749	0.411749	6
6	26	9	17	251	18	0.4	0.14	251.873	28.462	1446.707	1367.376	1.367376	6
6	26	10	25	318	19	0.4	0.14	332.602	32.789	1879.346	1784.685	1.784685	6
6	26	11	47	390	20	0.5	0.14	430.281	37.305	2394.093	2281.193	2.281193	6
6	26	12	47	427	21	0.5	0.14	470.885	39.929	2592.029	2472.115	2.472115	6
6	26	13	35	392	22	0.4	0.14	422.172	39.48	2323.598	2213.196	2.213196	6
6	26	14	452	352	22	0.4	0.14	773.194	54.149	4092.014	3918.949	3.918949	6
6	26	15	279	355	22	0.4	0.14	571.608	45.78	3134.859	2995.71	2.99571	6
6	26	16	276	273	21	0.3	0.14	433.992	39.66	2453.374	2338.373	2.338373	6
6	26	17	255	185	21	0.2	0.14	277.521	33.293	1582.87	1498.715	1.498715	6
6	26	18	259	98	20	0.1	0.14	133.721	25.965	700.299	647.417	0.647417	6
6	26	19	24	33	18	0.1	0.14	29.782	19.337	153.53	120.021	0.120021	6
6	26	20	0	0	16	0.1	0.14	0	16	0	0	0	6
6	26	21	0	0	16	0.1	0.14	0	16	0	0	0	6
6	26	22	0	0	15	0.1	0.14	0	15	0	0	0	6
6	26	23	0	0	15	0.1	0.14	0	15	0	0	0	6
6	27	0	0	0	15	0.1	0.14	0	15	0	0	0	6
6	27	1	0	0	14	0.1	0.14	0	14	0	0	0	6
6	27	2	0	0	14	0.1	0.14	0	14	0	0	0	6
6	27	3	0	0	14	0.1	0.14	0	14	0	0	0	6
6	27	4	0	0	14	0.1	0.14	0	14	0	0	0	6
6	27	5	0	14	15	0.2	0.14	13.578	15.521	48.599	18.809	0.018809	6
6	27	6	183	75	17	0.3	0.14	81.6	20.397	421.114	378.124	0.378124	6
6	27	7	111	162	19	0.3	0.14	186.524	27.001	1074.207	1008.075	1.008075	6

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
6	27	8	123	253	21	0.4	0.14	308.506	33.867	1770.707	1679.896	1.679896	6
6	27	9	0	108	23	0.4	0.14	102.68	27.263	572.572	524.216	0.524216	6
6	27	10	96	404	24	0.4	0.14	479.502	43.895	2617.825	2496.997	2.496997	6
6	27	11	223	461	26	0.4	0.14	678.231	54.138	3559.903	3405.694	3.405694	6
6	27	12	427	411	27	0.4	0.14	856.703	62.574	4347.955	4165.822	4.165822	6
6	27	13	314	449	27	0.4	0.14	768.862	58.91	3959.774	3791.396	3.791396	6
6	27	14	39	371	27	0.4	0.14	400.049	43.579	2169.195	2064.264	2.064264	6
6	27	15	39	319	27	0.4	0.14	340.694	41.143	1869.993	1775.664	1.775664	6
6	27	16	151	287	27	0.4	0.14	369.462	42.395	2049.633	1948.938	1.948938	6
6	27	17	266	184	26	0.3	0.14	281.159	38.07	1572.484	1488.696	1.488696	6
6	27	18	98	117	25	0.2	0.14	123.032	30.411	671.544	619.681	0.619681	6
6	27	19	0	31	24	0.2	0.14	28.722	25.248	143.816	110.652	0.110652	6
6	27	20	0	0	24	0.2	0.14	0	24	0	0	0	6
6	27	21	0	0	23	0.2	0.14	0	23	0	0	0	6
6	27	22	0	0	23	0.2	0.14	0	23	0	0	0	6
6	27	23	0	0	22	0.2	0.14	0	22	0	0	0	6
6	28	0	0	0	22	0.1	0.14	0	22	0	0	0	6
6	28	1	0	0	22	0.1	0.14	0	22	0	0	0	6
6	28	2	0	0	21	0.1	0.14	0	21	0	0	0	6
6	28	3	0	0	21	0.1	0.14	0	21	0	0	0	6
6	28	4	0	0	21	0.1	0.14	0	21	0	0	0	6
6	28	5	0	6	21	0.1	0.14	5.819	21.23	19.348	0	0	6
6	28	6	22	74	22	0.2	0.14	69.052	25.053	383.917	342.245	0.342245	6
6	28	7	148	161	22	0.2	0.14	197.115	30.714	1115.336	1047.747	1.047747	6
6	28	8	324	230	22	0.2	0.14	394.795	39.543	2241.24	2133.756	2.133756	6
6	28	9	758	135	24	0.3	0.14	683.777	53.437	3687.218	3528.497	3.528497	6
6	28	10	822	137	25	0.4	0.14	855.579	60.67	4442.263	4256.788	4.256788	6
6	28	11	439	384	26	0.4	0.14	820.831	60.104	4221.125	4043.486	4.043486	6
6	28	12	480	406	27	0.5	0.14	904.859	63.491	4575.623	4385.423	4.385423	6
6	28	13	416	401	27	0.5	0.14	826.688	60.336	4240.848	4062.51	4.06251	6
6	28	14	468	349	27	0.5	0.14	785.237	58.703	4075.445	3902.967	3.902967	6
6	28	15	863	108	26	0.4	0.14	783.405	58.703	4123.751	3949.562	3.949562	6
6	28	16	812	98	25	0.4	0.14	592.37	49.786	3263.765	3120.049	3.120049	6
6	28	17	731	84	24	0.3	0.14	375.343	40.076	2081.274	1979.458	1.979458	6
6	28	18	594	63	22	0.2	0.14	160.688	28.708	753.562	698.792	0.698792	6
6	28	19	311	29	20	0.2	0.14	22.355	20.971	112.606	80.548	0.080548	6
6	28	20	0	0	18	0.2	0.14	0	18	0	0	0	6
6	28	21	0	0	18	0.2	0.14	0	18	0	0	0	6
6	28	22	0	0	17	0.2	0.14	0	17	0	0	0	6
6	28	23	0	0	16	0.2	0.14	0	16	0	0	0	6
6	29	0	0	0	15	0.2	0.14	0	15	0	0	0	6
6	29	1	0	0	14	0.2	0.14	0	14	0	0	0	6
6	29	2	0	0	14	0.2	0.14	0	14	0	0	0	6

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
6	29	3	0	0	13	0.2	0.14	0	13	0	0	0	6
6	29	4	0	0	13	0.2	0.14	0	13	0	0	0	6
6	29	5	160	12	14	0.2	0.14	11.638	14.446	41.564	12.023	0.012023	6
6	29	6	577	46	17	0.2	0.14	88.657	20.458	351.973	311.433	0.311433	6
6	29	7	753	66	19	0.2	0.14	300.742	32.116	1633.885	1547.922	1.547922	6
6	29	8	843	79	21	0.3	0.14	526.542	43.741	2986.039	2852.164	2.852164	6
6	29	9	892	89	23	0.3	0.14	730.975	54.487	3933.034	3765.603	3.765603	6
6	29	10	914	101	24	0.3	0.14	894.272	62.448	4611.387	4419.919	4.419919	6
6	29	11	928	107	25	0.3	0.14	1003.019	68.076	5015.075	4809.303	4.809303	6
6	29	12	931	110	26	0.3	0.14	1046.991	70.944	5154.174	4943.474	4.943474	6
6	29	13	917	116	26	0.3	0.14	1022.496	69.899	5062.708	4855.248	4.855248	6
6	29	14	896	115	26	0.2	0.14	932.687	67.351	4692.032	4497.706	4.497706	6
6	29	15	860	111	26	0.2	0.14	784.515	60.834	4090.553	3917.541	3.917541	6
6	29	16	802	104	26	0.2	0.14	592.833	52.382	3229.394	3086.896	3.086896	6
6	29	17	710	91	26	0.2	0.14	373.043	42.489	2048.551	1947.894	1.947894	6
6	29	18	553	69	24	0.4	0.14	159.424	30.288	753.3	698.539	0.698539	6
6	29	19	251	32	22	0.7	0.14	25.22	22.945	126.639	94.083	0.094083	6
6	29	20	0	0	22	0.9	0.14	0	22	0	0	0	6
6	29	21	0	0	22	0.8	0.14	0	22	0	0	0	6
6	29	22	0	0	21	0.6	0.14	0	21	0	0	0	6
6	29	23	0	0	21	0.6	0.14	0	21	0	0	0	6
6	30	0	0	0	20	0.6	0.14	0	20	0	0	0	6
6	30	1	0	0	19	0.7	0.14	0	19	0	0	0	6
6	30	2	0	0	18	0.8	0.14	0	18	0	0	0	6
6	30	3	0	0	17	0.9	0.14	0	17	0	0	0	6
6	30	4	0	0	16	0.9	0.14	0	16	0	0	0	6
6	30	5	85	11	17	0.5	0.14	10.668	17.373	37.377	7.985	0.007985	6
6	30	6	469	56	19	0.1	0.14	87.918	22.662	375.065	333.707	0.333707	6
6	30	7	656	83	21	0.1	0.14	284.738	33.846	1541.454	1458.766	1.458766	6
6	30	8	756	101	24	0.1	0.14	501.926	47.096	2801.104	2673.782	2.673782	6
6	30	9	812	116	26	0.1	0.14	702.341	58.233	3713.168	3553.527	3.553527	6
6	30	10	845	128	27	0.1	0.14	861.589	66.469	4360.6	4178.019	4.178019	6
6	30	11	863	135	28	0.1	0.14	968.612	72.324	4747.635	4551.339	4.551339	6
6	30	12	870	138	28	0	0.14	1014.025	75.927	4875.662	4674.83	4.67483	6
6	30	13	868	135	29	0	0.14	993.574	75.969	4781.262	4583.775	4.583775	6
6	30	14	836	140	29	0	0.14	903.547	71.745	4452.087	4266.264	4.266264	6
6	30	15	789	139	29	0	0.14	760.688	65.037	3887.699	3721.874	3.721874	6
6	30	16	728	128	30	0.1	0.14	572.25	56.295	3059.448	2922.972	2.922972	6
6	30	17	645	106	30	0.2	0.14	362.043	46.008	1959.343	1861.848	1.861848	6
6	30	18	485	80	28	0.1	0.14	158.112	34.908	750.611	695.946	0.695946	6
6	30	19	94	36	22	0.4	0.14	29.478	23.204	149.06	115.71	0.11571	6
6	30	20	0	0	20	0.6	0.14	0	20	0	0	0	6
6	30	21	0	0	19	0.5	0.14	0	19	0	0	0	6

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
6	30	22	0	0	19	0.4	0.14	0	19	0	0	0	6
6	30	23	0	0	18	0.2	0.14	0	18	0	0	0	6
7	1	0	0	0	18	0.1	0.14	0	18	0	0	0	7
7	1	1	0	0	18	0.1	0.14	0	18	0	0	0	7
7	1	2	0	0	18	0.1	0.14	0	18	0	0	0	7
7	1	3	0	0	17	0.1	0.14	0	17	0	0	0	7
7	1	4	0	0	17	0.1	0.14	0	17	0	0	0	7
7	1	5	14	6	18	0.1	0.14	5.819	18.23	19.669	0	0	7
7	1	6	221	84	21	0.2	0.14	91.253	24.91	460.225	415.849	0.415849	7
7	1	7	435	138	23	0.2	0.14	265.751	34.668	1457.361	1377.653	1.377653	7
7	1	8	587	164	26	0.3	0.14	473.45	46.421	2637.379	2515.858	2.515858	7
7	1	9	431	276	28	0.3	0.14	586.726	53.212	3141.043	3001.675	3.001675	7
7	1	10	743	183	29	0.3	0.14	835.391	64.888	4250.677	4071.99	4.07199	7
7	1	11	764	194	30	0.3	0.14	939.109	70.301	4639.651	4447.182	4.447182	7
7	1	12	768	201	31	0.4	0.14	982.774	71.894	4809.055	4610.583	4.610583	7
7	1	13	732	220	32	0.4	0.14	957.409	71.838	4687.462	4493.299	4.493299	7
7	1	14	706	215	31	0.4	0.14	870.002	67.228	4366.879	4184.076	4.184076	7
7	1	15	662	203	30	0.4	0.14	727.636	60.343	3787.866	3625.579	3.625579	7
7	1	16	605	178	29	0.4	0.14	547.404	51.879	2973.729	2840.29	2.84029	7
7	1	17	518	143	28	0.3	0.14	345.441	42.813	1897.429	1802.128	1.802128	7
7	1	18	156	106	27	0.2	0.14	124.138	32.422	655.352	604.062	0.604062	7
7	1	19	91	35	25	0.2	0.14	28.712	26.247	142.804	109.676	0.109676	7
7	1	20	0	0	23	0.2	0.14	0	23	0	0	0	7
7	1	21	0	0	23	0.2	0.14	0	23	0	0	0	7
7	1	22	0	0	23	0.2	0.14	0	23	0	0	0	7
7	1	23	0	0	22	0.2	0.14	0	22	0	0	0	7
7	2	0	0	0	22	0.2	0.14	0	22	0	0	0	7
7	2	1	0	0	21	0.2	0.14	0	21	0	0	0	7
7	2	2	0	0	20	0.2	0.14	0	20	0	0	0	7
7	2	3	0	0	20	0.2	0.14	0	20	0	0	0	7
7	2	4	0	0	20	0.1	0.14	0	20	0	0	0	7
7	2	5	0	7	20	0.2	0.14	6.789	20.26	22.882	0	0	7
7	2	6	75	75	22	0.3	0.14	72.775	25.088	391.022	349.098	0.349098	7
7	2	7	478	113	24	0.3	0.14	255.462	34.849	1388.377	1311.113	1.311113	7
7	2	8	447	197	27	0.4	0.14	429.329	44.951	2395.235	2282.294	2.282294	7
7	2	9	476	256	30	0.5	0.14	599.157	54.257	3197.644	3056.271	3.056271	7
7	2	10	402	349	31	0.6	0.14	704.744	58.656	3660.532	3502.756	3.502756	7
7	2	11	708	235	32	0.5	0.14	931.14	69.623	4609.26	4417.868	4.417868	7
7	2	12	712	243	33	0.5	0.14	974.753	72.367	4753.757	4557.244	4.557244	7
7	2	13	661	274	33	0.5	0.14	942.185	71.048	4623.521	4431.623	4.431623	7
7	2	14	171	428	33	0.5	0.14	583.899	56.527	3031.297	2895.818	2.895818	7
7	2	15	154	374	32	0.4	0.14	489.601	52.349	2595.066	2475.044	2.475044	7
7	2	16	529	216	31	0.4	0.14	536.62	53.417	2889.436	2758.984	2.758984	7

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
7	2	17	447	168	30	0.3	0.14	340.836	44.622	1860.113	1766.134	1.766134	7
7	2	18	315	109	27	0.2	0.14	154.095	33.644	781.016	725.273	0.725273	7
7	2	19	103	35	25	0.2	0.14	28.715	26.247	142.67	109.547	0.109547	7
7	2	20	0	0	24	0.2	0.14	0	24	0	0	0	7
7	2	21	0	0	23	0.2	0.14	0	23	0	0	0	7
7	2	22	0	0	23	0.2	0.14	0	23	0	0	0	7
7	2	23	0	0	22	0.2	0.14	0	22	0	0	0	7
7	3	0	0	0	21	0.1	0.14	0	21	0	0	0	7
7	3	1	0	0	21	0.1	0.14	0	21	0	0	0	7
7	3	2	0	0	21	0.1	0.14	0	21	0	0	0	7
7	3	3	0	0	21	0.1	0.14	0	21	0	0	0	7
7	3	4	0	0	21	0.1	0.14	0	21	0	0	0	7
7	3	5	6	4	21	0.1	0.14	3.879	21.154	12.62	0	0	7
7	3	6	0	54	22	0.2	0.14	50.682	24.25	283.022	244.925	0.244925	7
7	3	7	10	134	24	0.2	0.14	128.888	29.726	733.882	679.81	0.67981	7
7	3	8	16	209	27	0.3	0.14	206.564	35.871	1155.723	1086.704	1.086704	7
7	3	9	460	293	29	0.3	0.14	623.345	55.786	3302.732	3157.635	3.157635	7
7	3	10	568	288	31	0.4	0.14	787.399	63.78	4012.321	3842.081	3.842081	7
7	3	11	639	276	32	0.5	0.14	905.796	68.585	4500.512	4312.973	4.312973	7
7	3	12	677	265	33	0.5	0.14	961.998	71.845	4700.712	4506.079	4.506079	7
7	3	13	637	290	33	0.5	0.14	934.627	70.738	4591.216	4400.463	4.400463	7
7	3	14	636	266	32	0.5	0.14	857.818	66.667	4310.184	4129.389	4.129389	7
7	3	15	614	237	32	0.5	0.14	724.261	61.315	3749.379	3588.455	3.588455	7
7	3	16	567	202	31	0.4	0.14	546.393	53.83	2940.101	2807.854	2.807854	7
7	3	17	486	159	30	0.3	0.14	348.238	44.937	1898.047	1802.724	1.802724	7
7	3	18	347	106	27	0.2	0.14	156.764	33.739	787.064	731.107	0.731107	7
7	3	19	120	36	25	0.2	0.14	29.482	26.28	146.45	113.193	0.113193	7
7	3	20	0	0	24	0.2	0.14	0	24	0	0	0	7
7	3	21	0	0	23	0.2	0.14	0	23	0	0	0	7
7	3	22	0	0	23	0.2	0.14	0	23	0	0	0	7
7	3	23	0	0	23	0.2	0.14	0	23	0	0	0	7
7	4	0	0	0	23	0.2	0.14	0	23	0	0	0	7
7	4	1	0	0	23	0.2	0.14	0	23	0	0	0	7
7	4	2	0	0	23	0.2	0.14	0	23	0	0	0	7
7	4	3	0	0	23	0.2	0.14	0	23	0	0	0	7
7	4	4	0	0	22	0.1	0.14	0	22	0	0	0	7
7	4	5	0	6	22	0.1	0.14	5.819	22.23	19.241	0	0	7
7	4	6	260	67	24	0.2	0.14	77.869	27.284	367.366	326.281	0.326281	7
7	4	7	336	137	26	0.3	0.14	232.491	35.906	1268.573	1195.554	1.195554	7
7	4	8	97	245	28	0.4	0.14	284.616	39.87	1588.909	1504.539	1.504539	7
7	4	9	0	94	29	0.5	0.14	89.326	32.602	483.809	438.597	0.438597	7
7	4	10	65	383	30	0.5	0.14	431.891	47.395	2316.07	2205.934	2.205934	7
7	4	11	419	386	30	0.5	0.14	803.705	62.42	4090.215	3917.214	3.917214	7

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
7	4	12	138	483	29	0.5	0.14	627.571	54.251	3276.902	3132.72	3.13272	7
7	4	13	160	449	28	0.4	0.14	611.237	53.342	3208.689	3066.924	3.066924	7
7	4	14	254	425	27	0.4	0.14	662.931	54.528	3484.34	3332.808	3.332808	7
7	4	15	0	59	26	0.3	0.14	56.046	28.397	301.713	262.954	0.262954	7
7	4	16	0	102	25	0.2	0.14	96.881	29.286	537.649	490.53	0.49053	7
7	4	17	0	61	24	0.2	0.14	57.819	26.567	321.455	281.997	0.281997	7
7	4	18	68	106	24	0.1	0.14	109.394	28.983	603.633	554.176	0.554176	7
7	4	19	0	28	23	0.1	0.14	26.21	24.175	130.653	97.956	0.097956	7
7	4	20	0	0	22	0.1	0.14	0	22	0	0	0	7
7	4	21	0	0	22	0.1	0.14	0	22	0	0	0	7
7	4	22	0	0	22	0.1	0.14	0	22	0	0	0	7
7	4	23	0	0	21	0.1	0.14	0	21	0	0	0	7
7	5	0	0	0	21	0.1	0.14	0	21	0	0	0	7
7	5	1	0	0	21	0.1	0.14	0	21	0	0	0	7
7	5	2	0	0	20	0.1	0.14	0	20	0	0	0	7
7	5	3	0	0	20	0.1	0.14	0	20	0	0	0	7
7	5	4	0	0	20	0.1	0.14	0	20	0	0	0	7
7	5	5	0	4	20	0.1	0.14	3.879	20.154	12.692	0	0	7
7	5	6	0	13	20	0.2	0.14	12.279	20.545	65.119	34.744	0.034744	7
7	5	7	42	148	20	0.2	0.14	151.388	26.716	873.695	814.668	0.814668	7
7	5	8	15	195	21	0.3	0.14	192.777	29.279	1106.316	1039.047	1.039047	7
7	5	9	5	184	23	0.3	0.14	178.932	30.661	1006.442	942.712	0.942712	7
7	5	10	6	182	24	0.4	0.14	179.067	31.422	996.684	933.299	0.933299	7
7	5	11	12	251	25	0.4	0.14	252.703	35.463	1394.246	1316.774	1.316774	7
7	5	12	14	273	25	0.5	0.14	277.016	36.132	1526.182	1444.035	1.444035	7
7	5	13	52	425	26	0.5	0.14	472.855	45.013	2551.355	2432.882	2.432882	7
7	5	14	63	394	25	0.6	0.14	445.484	42.425	2436.063	2321.675	2.321675	7
7	5	15	721	179	25	0.6	0.14	751.152	54.564	4014.976	3844.641	3.844641	7
7	5	16	693	148	24	0.6	0.14	572.742	46.596	3189.579	3048.491	3.048491	7
7	5	17	638	114	23	0.5	0.14	368.452	37.876	2066.896	1965.59	1.96559	7
7	5	18	519	77	21	0.4	0.14	162.164	27.433	789.695	733.645	0.733645	7
7	5	19	252	32	19	0.2	0.14	25.365	20.1	128.25	95.637	0.095637	7
7	5	20	0	0	17	0.2	0.14	0	17	0	0	0	7
7	5	21	0	0	16	0.2	0.14	0	16	0	0	0	7
7	5	22	0	0	15	0.2	0.14	0	15	0	0	0	7
7	5	23	0	0	15	0.2	0.14	0	15	0	0	0	7
7	6	0	0	0	14	0.2	0.14	0	14	0	0	0	7
7	6	1	0	0	13	0.1	0.14	0	13	0	0	0	7
7	6	2	0	0	13	0.1	0.14	0	13	0	0	0	7
7	6	3	0	0	12	0.1	0.14	0	12	0	0	0	7
7	6	4	0	0	12	0.1	0.14	0	12	0	0	0	7
7	6	5	65	9	13	0.1	0.14	8.729	13.346	30.904	1.741	0.001741	7
7	6	6	473	54	16	0.2	0.14	83.118	19.336	354.544	313.913	0.313913	7

Month	Day	Hour	Beam Irradiance (W/m ²)	Diffuse Irradiance (W/m ²)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m ²)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
7	6	7	676	79	19	0.3	0.14	283.155	30.968	1542.792	1460.056	1.460056	7
7	6	8	785	95	21	0.3	0.14	507.556	42.919	2885.549	2755.235	2.755235	7
7	6	9	846	108	22	0.4	0.14	713.862	51.827	3883.492	3717.817	3.717817	7
7	6	10	860	129	23	0.4	0.14	873.883	59.441	4564.753	4374.938	4.374938	7
7	6	11	876	138	24	0.4	0.14	983.625	64.971	4986.118	4781.372	4.781372	7
7	6	12	222	479	25	0.4	0.14	707.82	54.353	3707.089	3547.664	3.547664	7
7	6	13	342	428	26	0.4	0.14	776.77	58.247	4016.055	3845.682	3.845682	7
7	6	14	20	312	25	0.4	0.14	318.527	38.198	1754.441	1664.206	1.664206	7
7	6	15	746	172	25	0.4	0.14	763.958	56.871	4044.307	3872.933	3.872933	7
7	6	16	220	289	24	0.4	0.14	414.489	41.281	2321.475	2211.148	2.211148	7
7	6	17	575	133	23	0.3	0.14	361.662	38.508	2025.051	1925.227	1.925227	7
7	6	18	427	92	21	0.2	0.14	158.662	27.762	795.032	738.793	0.738793	7
7	6	19	176	34	19	0.1	0.14	26.358	20.18	133.212	100.424	0.100424	7
7	6	20	0	0	17	0.1	0.14	0	17	0	0	0	7
7	6	21	0	0	16	0.1	0.14	0	16	0	0	0	7
7	6	22	0	0	15	0.2	0.14	0	15	0	0	0	7
7	6	23	0	0	15	0.2	0.14	0	15	0	0	0	7
7	7	0	0	0	15	0.2	0.14	0	15	0	0	0	7
7	7	1	0	0	14	0.2	0.14	0	14	0	0	0	7
7	7	2	0	0	14	0.2	0.14	0	14	0	0	0	7
7	7	3	0	0	13	0.1	0.14	0	13	0	0	0	7
7	7	4	0	0	13	0.1	0.14	0	13	0	0	0	7
7	7	5	55	8	14	0.1	0.14	7.759	14.307	27.175	0	0	7
7	7	6	438	57	17	0.2	0.14	82.648	20.351	360.375	319.538	0.319538	7
7	7	7	637	87	20	0.2	0.14	278.248	32.144	1511.719	1430.084	1.430084	7
7	7	8	741	110	22	0.3	0.14	498.271	43.514	2822.848	2694.755	2.694755	7
7	7	9	801	128	23	0.3	0.14	703.56	53.297	3800.287	3637.56	3.63756	7
7	7	10	840	139	25	0.3	0.14	870.775	62.428	4487.267	4300.198	4.300198	7
7	7	11	863	145	26	0.3	0.14	978.058	67.994	4890.05	4688.708	4.688708	7
7	7	12	869	149	26	0.3	0.14	1024.678	69.976	5064.704	4857.173	4.857173	7
7	7	13	764	217	27	0.4	0.14	987.428	68.091	4918.42	4716.073	4.716073	7
7	7	14	742	209	27	0.4	0.14	898.672	64.427	4569.366	4379.388	4.379388	7
7	7	15	703	195	26	0.4	0.14	753.79	57.439	3977.193	3808.197	3.808197	7
7	7	16	642	172	26	0.3	0.14	565.909	50.386	3097.433	2959.61	2.95961	7
7	7	17	543	141	25	0.3	0.14	354.928	40.221	1973.348	1875.357	1.875357	7
7	7	18	383	98	22	0.2	0.14	156.34	28.692	791.09	734.991	0.734991	7
7	7	19	130	33	19	0.2	0.14	27.174	20.177	137.209	104.279	0.104279	7
7	7	20	0	0	18	0.2	0.14	0	18	0	0	0	7
7	7	21	0	0	17	0.2	0.14	0	17	0	0	0	7
7	7	22	0	0	16	0.2	0.14	0	16	0	0	0	7
7	7	23	0	0	16	0.1	0.14	0	16	0	0	0	7
7	8	0	0	0	15	0.1	0.14	0	15	0	0	0	7
7	8	1	0	0	14	0.1	0.14	0	14	0	0	0	7

Month	Day	Hour	Beam Irradiance (W/m ²)	Diffuse Irradiance (W/m ²)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m ²)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
7	8	2	0	0	14	0.1	0.14	0	14	0	0	0	7
7	8	3	0	0	14	0.1	0.14	0	14	0	0	0	7
7	8	4	0	0	13	0.1	0.14	0	13	0	0	0	7
7	8	5	0	0	14	0.1	0.14	0	0	0	0	0	7
7	8	6	279	74	17	0.1	0.14	84.042	20.667	411.454	368.806	0.368806	7
7	8	7	478	127	20	0.1	0.14	265.647	32.024	1462.675	1382.778	1.382778	7
7	8	8	603	162	23	0.1	0.14	476.782	44.922	2675.258	2552.395	2.552395	7
7	8	9	681	187	25	0.2	0.14	677.621	55.089	3622.66	3466.227	3.466227	7
7	8	10	691	226	26	0.2	0.14	832.641	62.898	4270.356	4090.972	4.090972	7
7	8	11	724	235	27	0.2	0.14	946.521	68.9	4701.552	4506.89	4.50689	7
7	8	12	739	235	28	0.1	0.14	994.612	73.459	4826.783	4627.683	4.627683	7
7	8	13	663	281	28	0.1	0.14	952.714	71.533	4664.046	4470.713	4.470713	7
7	8	14	641	269	29	0.1	0.14	866.935	68.645	4316.815	4135.786	4.135786	7
7	8	15	601	248	29	0.1	0.14	726.388	62.266	3743.445	3582.732	3.582732	7
7	8	16	144	286	28	0.1	0.14	365.75	44.743	2008.249	1909.021	1.909021	7
7	8	17	420	179	27	0.1	0.14	341.463	42.617	1881.966	1787.213	1.787213	7
7	8	18	270	115	24	0.1	0.14	151.842	30.792	790.644	734.561	0.734561	7
7	8	19	79	30	21	0.1	0.14	24.828	22.109	123.307	90.87	0.09087	7
7	8	20	0	0	19	0.3	0.14	0	19	0	0	0	7
7	8	21	0	0	19	0.5	0.14	0	19	0	0	0	7
7	8	22	0	0	19	0.7	0.14	0	19	0	0	0	7
7	8	23	0	0	19	0.8	0.14	0	19	0	0	0	7
7	9	0	0	0	19	0.7	0.14	0	19	0	0	0	7
7	9	1	0	0	19	0.5	0.14	0	19	0	0	0	7
7	9	2	0	0	19	0.4	0.14	0	19	0	0	0	7
7	9	3	0	0	19	0.3	0.14	0	19	0	0	0	7
7	9	4	0	0	18	0.5	0.14	0	18	0	0	0	7
7	9	5	0	0	18	0.4	0.14	0	0	0	0	0	7
7	9	6	0	13	19	0.1	0.14	12.279	19.563	65.341	34.958	0.034958	7
7	9	7	0	122	21	0.1	0.14	114.729	26.268	661.593	610.082	0.610082	7
7	9	8	126	245	24	0.2	0.14	301.579	37.383	1706.946	1618.394	1.618394	7
7	9	9	144	334	26	0.2	0.14	430.497	45.05	2356.672	2245.098	2.245098	7
7	9	10	36	343	27	0.2	0.14	367.273	43.201	1995.004	1896.245	1.896245	7
7	9	11	699	249	28	0.2	0.14	936.689	69.46	4639.364	4446.905	4.446905	7
7	9	12	718	248	29	0.2	0.14	986.975	72.669	4806.288	4607.914	4.607914	7
7	9	13	739	227	29	0.3	0.14	973.62	70.763	4789.906	4592.112	4.592112	7
7	9	14	220	423	29	0.3	0.14	624.659	55.734	3262.123	3118.465	3.118465	7
7	9	15	688	199	29	0.3	0.14	746.698	61.103	3875.995	3710.585	3.710585	7
7	9	16	624	177	28	0.3	0.14	560.341	52.144	3042.747	2906.862	2.906862	7
7	9	17	513	149	26	0.3	0.14	350.743	41.045	1944.085	1847.13	1.84713	7
7	9	18	343	105	24	0.2	0.14	155.633	30.691	791.939	735.81	0.73581	7
7	9	19	101	34	21	0.3	0.14	27.916	22.169	138.857	105.869	0.105869	7
7	9	20	0	0	20	0.3	0.14	0	20	0	0	0	7

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
7	9	21	0	0	19	0.2	0.14	0	19	0	0	0	7
7	9	22	0	0	19	0.2	0.14	0	19	0	0	0	7
7	9	23	0	0	19	0.1	0.14	0	19	0	0	0	7
7	10	0	0	0	19	0.1	0.14	0	19	0	0	0	7
7	10	1	0	0	18	0.1	0.14	0	18	0	0	0	7
7	10	2	0	0	18	0.1	0.14	0	18	0	0	0	7
7	10	3	0	0	17	0.1	0.14	0	17	0	0	0	7
7	10	4	0	0	17	0.1	0.14	0	17	0	0	0	7
7	10	5	0	0	18	0.2	0.14	0	0	0	0	0	7
7	10	6	287	71	20	0.3	0.14	81.299	23.318	389.269	347.407	0.347407	7
7	10	7	498	116	23	0.3	0.14	260.526	34.052	1415.816	1337.58	1.33758	7
7	10	8	631	143	26	0.4	0.14	472.058	45.762	2641.934	2520.252	2.520252	7
7	10	9	716	160	28	0.4	0.14	674.986	56.187	3595.462	3439.993	3.439993	7
7	10	10	774	167	30	0.4	0.14	841.826	65.092	4283.75	4103.892	4.103892	7
7	10	11	797	176	31	0.4	0.14	952.655	70.668	4701.829	4507.157	4.507157	7
7	10	12	806	180	32	0.4	0.14	1001.129	73.668	4861.161	4660.842	4.660842	7
7	10	13	475	392	32	0.4	0.14	878.666	68.505	4348.538	4166.384	4.166384	7
7	10	14	303	411	32	0.4	0.14	694.843	60.864	3557.978	3403.836	3.403836	7
7	10	15	437	297	32	0.4	0.14	645.623	58.89	3364.9	3217.6	3.2176	7
7	10	16	305	265	31	0.3	0.14	446.647	50.21	2418.927	2305.147	2.305147	7
7	10	17	57	185	29	0.2	0.14	197.811	37.777	1101.085	1034.001	1.034001	7
7	10	18	0	68	26	0.1	0.14	64.138	28.947	357.201	316.476	0.316476	7
7	10	19	66	33	24	0.1	0.14	28.461	25.269	139.037	106.042	0.106042	7
7	10	20	0	0	23	0.1	0.14	0	23	0	0	0	7
7	10	21	0	0	22	0.1	0.14	0	22	0	0	0	7
7	10	22	0	0	22	0.1	0.14	0	22	0	0	0	7
7	10	23	0	0	22	0.1	0.14	0	22	0	0	0	7
7	11	0	0	0	22	0.1	0.14	0	22	0	0	0	7
7	11	1	0	0	21	0.1	0.14	0	21	0	0	0	7
7	11	2	0	0	21	0.1	0.14	0	21	0	0	0	7
7	11	3	0	0	21	0.1	0.14	0	21	0	0	0	7
7	11	4	0	0	21	0.1	0.14	0	21	0	0	0	7
7	11	5	0	0	21	0.1	0.14	0	0	0	0	0	7
7	11	6	0	29	21	0.2	0.14	27.432	22.217	149.795	116.419	0.116419	7
7	11	7	0	28	22	0.3	0.14	26.491	23.141	145.028	111.821	0.111821	7
7	11	8	0	118	22	0.4	0.14	111.992	26.665	636.099	585.492	0.585492	7
7	11	9	0	103	22	0.4	0.14	97.905	26.066	548.192	500.699	0.500699	7
7	11	10	8	204	23	0.4	0.14	202.042	31.376	1130.277	1062.159	1.062159	7
7	11	11	2	145	24	0.4	0.14	140.509	29.817	776.471	720.89	0.72089	7
7	11	12	16	300	24	0.5	0.14	305.567	36.28	1687.899	1600.022	1.600022	7
7	11	13	7	180	25	0.5	0.14	179.394	32.21	990.22	927.065	0.927065	7
7	11	14	27	340	26	0.4	0.14	359.131	40.882	1963.471	1865.829	1.865829	7
7	11	15	38	315	25	0.4	0.14	336.977	38.99	1866.175	1771.981	1.771981	7

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
7	11	16	191	283	25	0.4	0.14	391.8	41.333	2189.99	2084.322	2.084322	7
7	11	17	19	165	24	0.4	0.14	163.328	30.815	931.077	870.017	0.870017	7
7	11	18	21	98	24	0.3	0.14	94.219	28.049	529.69	482.853	0.482853	7
7	11	19	0	24	23	0.3	0.14	22.712	23.949	109.896	77.934	0.077934	7
7	11	20	0	0	23	0.3	0.14	0	23	0	0	0	7
7	11	21	0	0	23	0.2	0.14	0	23	0	0	0	7
7	11	22	0	0	23	0.2	0.14	0	23	0	0	0	7
7	11	23	0	0	22	0.2	0.14	0	22	0	0	0	7
7	12	0	0	0	22	0.2	0.14	0	22	0	0	0	7
7	12	1	0	0	23	0.2	0.14	0	23	0	0	0	7
7	12	2	0	0	23	0.2	0.14	0	23	0	0	0	7
7	12	3	0	0	23	0.2	0.14	0	23	0	0	0	7
7	12	4	0	0	23	0.2	0.14	0	23	0	0	0	7
7	12	5	0	0	23	0.3	0.14	0	0	0	0	0	7
7	12	6	0	38	23	0.3	0.14	35.978	24.546	196.783	161.742	0.161742	7
7	12	7	0	11	23	0.4	0.14	10.398	23.435	54.233	24.243	0.024243	7
7	12	8	40	219	24	0.4	0.14	230.049	33.59	1307.436	1233.04	1.23304	7
7	12	9	4	177	26	0.4	0.14	171.541	33.125	953.776	891.912	0.891912	7
7	12	10	2	151	27	0.4	0.14	145.81	33.044	799.501	743.104	0.743104	7
7	12	11	7	182	27	0.5	0.14	181.015	34.277	991.897	928.682	0.928682	7
7	12	12	23	353	27	0.5	0.14	364.753	41.66	1980.532	1882.286	1.882286	7
7	12	13	40	401	27	0.5	0.14	437.402	44.586	2359.746	2248.063	2.248063	7
7	12	14	98	423	26	0.5	0.14	507.407	46.432	2739.262	2614.131	2.614131	7
7	12	15	273	354	26	0.4	0.14	569.482	49.693	3072.35	2935.417	2.935417	7
7	12	16	193	283	25	0.4	0.14	393.141	41.389	2197.393	2091.462	2.091462	7
7	12	17	168	192	24	0.3	0.14	250.161	34.749	1418.135	1339.817	1.339817	7
7	12	18	0	71	24	0.2	0.14	66.86	26.974	376.355	334.951	0.334951	7
7	12	19	0	14	23	0.1	0.14	13.23	23.588	62.019	31.754	0.031754	7
7	12	20	0	0	23	0.1	0.14	0	23	0	0	0	7
7	12	21	0	0	23	0.1	0.14	0	23	0	0	0	7
7	12	22	0	0	23	0.2	0.14	0	23	0	0	0	7
7	12	23	0	0	23	0.1	0.14	0	23	0	0	0	7
7	13	0	0	0	22	0.1	0.14	0	22	0	0	0	7
7	13	1	0	0	22	0.1	0.14	0	22	0	0	0	7
7	13	2	0	0	22	0.1	0.14	0	22	0	0	0	7
7	13	3	0	0	22	0.1	0.14	0	22	0	0	0	7
7	13	4	0	0	22	0.1	0.14	0	22	0	0	0	7
7	13	5	0	0	22	0.1	0.14	0	0	0	0	0	7
7	13	6	60	67	22	0.2	0.14	63.589	24.787	341.439	301.272	0.301272	7
7	13	7	0	50	23	0.3	0.14	47.357	25.041	264.237	226.806	0.226806	7
7	13	8	2	162	24	0.3	0.14	154.768	30.647	875.88	816.776	0.816776	7
7	13	9	4	182	25	0.3	0.14	176.347	32.551	984.002	921.067	0.921067	7
7	13	10	10	223	27	0.3	0.14	222.159	36.495	1220.723	1149.4	1.1494	7

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
7	13	11	242	420	28	0.2	0.14	663.389	57.286	3439.049	3289.122	3.289122	7
7	13	12	746	203	29	0.1	0.14	964.66	73.102	4695.801	4501.342	4.501342	7
7	13	13	43	385	30	0.1	0.14	424.234	49.302	2242.075	2134.562	2.134562	7
7	13	14	106	425	31	0.1	0.14	516.863	54.553	2696.206	2572.601	2.572601	7
7	13	15	683	183	30	0.1	0.14	727.92	63.359	3742.25	3581.58	3.58158	7
7	13	16	496	206	29	0.2	0.14	509.481	51.64	2762.861	2636.894	2.636894	7
7	13	17	73	187	28	0.1	0.14	206.217	37.45	1150.899	1082.05	1.08205	7
7	13	18	322	102	27	0.2	0.14	149.165	33.418	750.573	695.909	0.695909	7
7	13	19	78	32	26	0.5	0.14	26.339	27.032	124.753	92.264	0.092264	7
7	13	20	0	0	26	0.6	0.14	0	26	0	0	0	7
7	13	21	0	0	25	0.5	0.14	0	25	0	0	0	7
7	13	22	0	0	25	0.5	0.14	0	25	0	0	0	7
7	13	23	0	0	24	0.5	0.14	0	24	0	0	0	7
7	14	0	0	0	23	0.6	0.14	0	23	0	0	0	7
7	14	1	0	0	22	0.5	0.14	0	22	0	0	0	7
7	14	2	0	0	22	0.3	0.14	0	22	0	0	0	7
7	14	3	0	0	22	0.1	0.14	0	22	0	0	0	7
7	14	4	0	0	22	0.1	0.14	0	22	0	0	0	7
7	14	5	0	0	22	0.1	0.14	0	0	0	0	0	7
7	14	6	205	74	23	0.2	0.14	77.77	26.328	385.756	344.02	0.34402	7
7	14	7	389	136	24	0.2	0.14	244.716	34.738	1334.897	1259.528	1.259528	7
7	14	8	515	178	25	0.2	0.14	442.509	44.693	2478.951	2363.044	2.363044	7
7	14	9	598	206	26	0.3	0.14	636.025	53.365	3421.485	3272.181	3.272181	7
7	14	10	645	228	27	0.3	0.14	794.716	61.13	4108.324	3934.681	3.934681	7
7	14	11	679	236	28	0.3	0.14	904.915	66.822	4539.535	4350.614	4.350614	7
7	14	12	197	480	29	0.3	0.14	685.199	58.288	3525.43	3372.442	3.372442	7
7	14	13	25	355	30	0.3	0.14	376.227	46.058	2008.33	1909.099	1.909099	7
7	14	14	0	42	30	0.4	0.14	39.933	31.654	207.029	171.625	0.171625	7
7	14	15	3	167	29	0.3	0.14	161.663	35.915	882.599	823.257	0.823257	7
7	14	16	77	273	29	0.2	0.14	310.017	42.733	1705.205	1616.715	1.616715	7
7	14	17	19	164	28	0.2	0.14	162.438	35.21	908.766	848.497	0.848497	7
7	14	18	0	13	27	0.1	0.14	12.282	27.564	63.373	33.059	0.033059	7
7	14	19	0	2	25	0.1	0.14	1.886	25.083	7.748	0	0	7
7	14	20	0	0	25	0.1	0.14	0	25	0	0	0	7
7	14	21	0	0	25	0.1	0.14	0	25	0	0	0	7
7	14	22	0	0	24	0.1	0.14	0	24	0	0	0	7
7	14	23	0	0	24	0.1	0.14	0	24	0	0	0	7
7	15	0	0	0	23	0.1	0.14	0	23	0	0	0	7
7	15	1	0	0	23	0.1	0.14	0	23	0	0	0	7
7	15	2	0	0	22	0.1	0.14	0	22	0	0	0	7
7	15	3	0	0	21	0.1	0.14	0	21	0	0	0	7
7	15	4	0	0	21	0.1	0.14	0	21	0	0	0	7
7	15	5	0	0	22	0.1	0.14	0	0	0	0	0	7

Month	Day	Hour	Beam Irradiance (W/m ²)	Diffuse Irradiance (W/m ²)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m ²)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
7	15	6	395	52	23	0.2	0.14	70.77	25.872	299.634	260.948	0.260948	7
7	15	7	604	83	25	0.2	0.14	259.634	36.316	1376.613	1299.766	1.299766	7
7	15	8	716	104	27	0.3	0.14	475.239	47.521	2646.277	2524.441	2.524441	7
7	15	9	784	118	29	0.3	0.14	678.608	58.229	3590.161	3434.879	3.434879	7
7	15	10	823	131	30	0.3	0.14	846.721	66.4	4289.226	4109.174	4.109174	7
7	15	11	856	132	31	0.3	0.14	958.55	72.163	4705.297	4510.501	4.510501	7
7	15	12	878	129	32	0.3	0.14	1015.136	75.575	4892.266	4690.846	4.690846	7
7	15	13	873	130	32	0.4	0.14	997.26	73.533	4856.725	4656.564	4.656564	7
7	15	14	862	123	32	0.4	0.14	914.831	70.132	4545.01	4355.894	4.355894	7
7	15	15	830	116	31	0.4	0.14	771.153	63.192	3979.434	3810.359	3.810359	7
7	15	16	775	105	30	0.3	0.14	581.827	55.096	3132.773	2993.698	2.993698	7
7	15	17	301	175	29	0.2	0.14	288.971	41.802	1593.134	1508.615	1.508615	7
7	15	18	518	68	28	0.3	0.14	153.207	34.24	714.203	660.828	0.660828	7
7	15	19	200	29	26	0.6	0.14	22.502	26.852	103.839	72.092	0.072092	7
7	15	20	0	0	26	0.8	0.14	0	26	0	0	0	7
7	15	21	0	0	25	0.8	0.14	0	25	0	0	0	7
7	15	22	0	0	24	0.7	0.14	0	24	0	0	0	7
7	15	23	0	0	23	0.6	0.14	0	23	0	0	0	7
7	16	0	0	0	22	0.3	0.14	0	22	0	0	0	7
7	16	1	0	0	21	0.2	0.14	0	21	0	0	0	7
7	16	2	0	0	21	0.2	0.14	0	21	0	0	0	7
7	16	3	0	0	20	0.2	0.14	0	20	0	0	0	7
7	16	4	0	0	20	0.1	0.14	0	20	0	0	0	7
7	16	5	0	0	20	0.1	0.14	0	0	0	0	0	7
7	16	6	425	51	22	0.1	0.14	71.338	24.969	297.718	259.1	0.2591	7
7	16	7	649	76	26	0.1	0.14	265.638	37.943	1393.912	1316.452	1.316452	7
7	16	8	765	92	29	0.1	0.14	488.594	51.49	2677.988	2555.028	2.555028	7
7	16	9	828	103	32	0	0.14	692.195	64.84	3558.612	3404.448	3.404448	7
7	16	10	862	112	33	0	0.14	856.713	73.568	4201.21	4024.277	4.024277	7
7	16	11	876	120	34	0.1	0.14	965.678	78.202	4607.865	4416.522	4.416522	7
7	16	12	878	125	34	0.2	0.14	1011.287	78.794	4800.16	4602.004	4.602004	7
7	16	13	867	129	35	0.2	0.14	990.575	78.882	4703.487	4508.756	4.508756	7
7	16	14	847	127	35	0.2	0.14	905.405	75.141	4393.745	4209.989	4.209989	7
7	16	15	814	120	34	0.2	0.14	765.791	68.002	3865.448	3700.411	3.700411	7
7	16	16	762	108	34	0.2	0.14	576.983	59.679	3043.738	2907.819	2.907819	7
7	16	17	673	92	34	0.2	0.14	361.926	50.006	1926.536	1830.203	1.830203	7
7	16	18	512	68	31	0.3	0.14	151.959	37.19	699.302	646.455	0.646455	7
7	16	19	194	28	27	0.5	0.14	21.714	27.843	98.378	66.824	0.066824	7
7	16	20	0	0	25	0.5	0.14	0	25	0	0	0	7
7	16	21	0	0	24	0.3	0.14	0	24	0	0	0	7
7	16	22	0	0	23	0.2	0.14	0	23	0	0	0	7
7	16	23	0	0	22	0.2	0.14	0	22	0	0	0	7
7	17	0	0	0	22	0.2	0.14	0	22	0	0	0	7

Month	Day	Hour	Beam Irradiance (W/m ²)	Diffuse Irradiance (W/m ²)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m ²)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
7	17	1	0	0	21	0.1	0.14	0	21	0	0	0	7
7	17	2	0	0	20	0.1	0.14	0	20	0	0	0	7
7	17	3	0	0	20	0.1	0.14	0	20	0	0	0	7
7	17	4	0	0	19	0.1	0.14	0	19	0	0	0	7
7	17	5	0	0	20	0.1	0.14	0	0	0	0	0	7
7	17	6	387	53	23	0.2	0.14	70.243	25.861	300.158	261.454	0.261454	7
7	17	7	607	84	26	0.2	0.14	260.336	37.343	1373.005	1296.286	1.296286	7
7	17	8	727	102	29	0.2	0.14	478.572	50.323	2633.495	2512.112	2.512112	7
7	17	9	799	115	31	0.3	0.14	685.526	60.529	3591.45	3436.123	3.436123	7
7	17	10	818	137	32	0.3	0.14	848.392	68.471	4256.922	4078.015	4.078015	7
7	17	11	844	141	33	0.3	0.14	956.141	74.058	4651.391	4458.505	4.458505	7
7	17	12	854	144	34	0.3	0.14	1006.423	77.197	4812.059	4613.48	4.61348	7
7	17	13	832	155	34	0.3	0.14	989.521	76.473	4749.36	4553.003	4.553003	7
7	17	14	814	150	34	0.3	0.14	904.143	72.84	4432.215	4247.096	4.247096	7
7	17	15	780	141	34	0.2	0.14	760.712	67.77	3841.184	3677.008	3.677008	7
7	17	16	722	127	33	0.2	0.14	571.653	58.436	3029.429	2894.016	2.894016	7
7	17	17	627	107	31	0.2	0.14	358.022	46.837	1933.272	1836.7	1.8367	7
7	17	18	461	78	28	0.1	0.14	152.346	34.66	724.082	670.357	0.670357	7
7	17	19	157	29	25	0.1	0.14	22.561	25.986	101.996	70.314	0.070314	7
7	17	20	0	0	23	0.2	0.14	0	23	0	0	0	7
7	17	21	0	0	22	0.2	0.14	0	22	0	0	0	7
7	17	22	0	0	22	0.3	0.14	0	22	0	0	0	7
7	17	23	0	0	22	0.6	0.14	0	22	0	0	0	7
7	18	0	0	0	22	0.7	0.14	0	22	0	0	0	7
7	18	1	0	0	22	0.7	0.14	0	22	0	0	0	7
7	18	2	0	0	21	0.6	0.14	0	21	0	0	0	7
7	18	3	0	0	20	0.5	0.14	0	20	0	0	0	7
7	18	4	0	0	20	0.5	0.14	0	20	0	0	0	7
7	18	5	0	0	22	0.4	0.14	0	0	0	0	0	7
7	18	6	161	62	23	0.1	0.14	63.888	25.832	317.512	278.194	0.278194	7
7	18	7	474	117	26	0.1	0.14	250.632	37.324	1338.816	1263.308	1.263308	7
7	18	8	580	159	29	0.1	0.14	458.191	50.068	2513.538	2396.406	2.396406	7
7	18	9	606	212	30	0.1	0.14	646.801	59.66	3386.224	3238.169	3.238169	7
7	18	10	604	265	31	0.2	0.14	795.913	66.26	4016.92	3846.517	3.846517	7
7	18	11	613	294	31	0.2	0.14	899.895	70.819	4425.719	4240.83	4.24083	7
7	18	12	41	408	32	0.1	0.14	447.379	52.352	2334.65	2223.856	2.223856	7
7	18	13	145	469	32	0.1	0.14	619.51	60.216	3154.968	3015.107	3.015107	7
7	18	14	148	431	33	0.1	0.14	569.058	58.943	2920.865	2789.299	2.789299	7
7	18	15	97	357	33	0.1	0.14	425.578	52.426	2245.121	2137.5	2.1375	7
7	18	16	125	280	33	0.1	0.14	349.558	49.002	1882.005	1787.25	1.78725	7
7	18	17	68	183	32	0.1	0.14	200.626	41.194	1101.038	1033.956	1.033956	7
7	18	18	256	93	29	0.1	0.14	129.5	34.772	650.168	599.062	0.599062	7
7	18	19	40	28	27	0.4	0.14	24.382	27.965	107.869	75.979	0.075979	7

Month	Day	Hour	Beam Irradiance (W/m ²)	Diffuse Irradiance (W/m ²)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m ²)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
7	18	20	0	0	25	0.6	0.14	0	25	0	0	0	7
7	18	21	0	0	23	0.5	0.14	0	23	0	0	0	7
7	18	22	0	0	23	0.2	0.14	0	23	0	0	0	7
7	18	23	0	0	22	0.1	0.14	0	22	0	0	0	7
7	19	0	0	0	22	0.1	0.14	0	22	0	0	0	7
7	19	1	0	0	22	0.1	0.14	0	22	0	0	0	7
7	19	2	0	0	21	0.1	0.14	0	21	0	0	0	7
7	19	3	0	0	21	0.1	0.14	0	21	0	0	0	7
7	19	4	0	0	21	0.1	0.14	0	21	0	0	0	7
7	19	5	0	0	21	0.1	0.14	0	0	0	0	0	7
7	19	6	234	68	23	0.2	0.14	73.104	26.106	353.708	313.107	0.313107	7
7	19	7	454	120	26	0.2	0.14	247.153	36.816	1324.348	1249.353	1.249353	7
7	19	8	589	152	29	0.2	0.14	455.701	49.288	2508.798	2391.834	2.391834	7
7	19	9	674	173	31	0.2	0.14	656.137	60.145	3434.146	3284.392	3.284392	7
7	19	10	619	254	32	0.1	0.14	798.064	68.523	3987.971	3818.594	3.818594	7
7	19	11	656	264	33	0.1	0.14	911.664	74.678	4407.114	4222.884	4.222884	7
7	19	12	676	264	34	0.1	0.14	963.376	78.024	4574.12	4383.973	4.383973	7
7	19	13	589	322	35	0.1	0.14	923.377	77.181	4398.329	4214.411	4.214411	7
7	19	14	176	430	35	0.1	0.14	593.772	62.077	3009.866	2875.147	2.875147	7
7	19	15	162	365	35	0.1	0.14	489.786	57.371	2541.805	2423.671	2.423671	7
7	19	16	276	267	34	0.1	0.14	432.118	53.807	2301.742	2192.114	2.192114	7
7	19	17	180	187	33	0.2	0.14	250.478	44.105	1364.351	1287.938	1.287938	7
7	19	18	245	93	31	0.3	0.14	127.452	36.334	636.873	586.238	0.586238	7
7	19	19	0	23	28	0.3	0.14	21.614	28.877	92.746	61.392	0.061392	7
7	19	20	0	0	26	0.2	0.14	0	26	0	0	0	7
7	19	21	0	0	25	0.2	0.14	0	25	0	0	0	7
7	19	22	0	0	24	0.2	0.14	0	24	0	0	0	7
7	19	23	0	0	24	0.2	0.14	0	24	0	0	0	7
7	20	0	0	0	23	0.2	0.14	0	23	0	0	0	7
7	20	1	0	0	23	0.1	0.14	0	23	0	0	0	7
7	20	2	0	0	22	0.1	0.14	0	22	0	0	0	7
7	20	3	0	0	22	0.1	0.14	0	22	0	0	0	7
7	20	4	0	0	21	0.1	0.14	0	21	0	0	0	7
7	20	5	0	0	22	0.1	0.14	0	0	0	0	0	7
7	20	6	0	7	24	0.2	0.14	6.607	24.293	33.026	3.787	0.003787	7
7	20	7	0	81	27	0.2	0.14	76.668	30.409	427.179	383.975	0.383975	7
7	20	8	0	38	30	0.2	0.14	36.003	31.596	189.983	155.183	0.155183	7
7	20	9	98	319	32	0.3	0.14	379.532	48.275	2041.741	1941.326	1.941326	7
7	20	10	158	401	33	0.3	0.14	537.139	55.996	2799.197	2671.942	2.671942	7
7	20	11	58	413	33	0.2	0.14	465.902	53.535	2427.548	2313.462	2.313462	7
7	20	12	9	197	33	0.2	0.14	198.158	41.724	1053.708	988.303	0.988303	7
7	20	13	20	328	33	0.2	0.14	336.952	47.839	1779.277	1688.162	1.688162	7
7	20	14	30	344	33	0.2	0.14	366.778	49.17	1937.622	1840.896	1.840896	7

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
7	20	15	182	364	31	0.3	0.14	504.595	52.629	2677.468	2554.527	2.554527	7
7	20	16	119	279	30	0.3	0.14	345.142	44.825	1891.417	1796.328	1.796328	7
7	20	17	143	188	29	0.2	0.14	236.631	39.494	1313.571	1238.958	1.238958	7
7	20	18	185	117	27	0.1	0.14	138.27	33.227	726.501	672.69	0.67269	7
7	20	19	0	24	25	0.2	0.14	22.403	25.93	95.424	63.975	0.063975	7
7	20	20	0	0	24	0.4	0.14	0	24	0	0	0	7
7	20	21	0	0	24	0.5	0.14	0	24	0	0	0	7
7	20	22	0	0	23	0.6	0.14	0	23	0	0	0	7
7	20	23	0	0	23	0.5	0.14	0	23	0	0	0	7
7	21	0	0	0	23	0.2	0.14	0	23	0	0	0	7
7	21	1	0	0	23	0.1	0.14	0	23	0	0	0	7
7	21	2	0	0	23	0.1	0.14	0	23	0	0	0	7
7	21	3	0	0	23	0.1	0.14	0	23	0	0	0	7
7	21	4	0	0	23	0.1	0.14	0	23	0	0	0	7
7	21	5	0	0	23	0.1	0.14	0	0	0	0	0	7
7	21	6	0	42	24	0.2	0.14	39.647	25.756	215.476	179.773	0.179773	7
7	21	7	26	132	27	0.2	0.14	131.546	32.84	737.775	683.564	0.683564	7
7	21	8	25	210	29	0.1	0.14	212.216	38.72	1176.988	1107.215	1.107215	7
7	21	9	26	264	30	0.1	0.14	271.054	42.377	1476.038	1395.668	1.395668	7
7	21	10	23	305	31	0.2	0.14	313.347	44.823	1682.852	1595.154	1.595154	7
7	21	11	140	452	32	0.3	0.14	592.316	57.322	3057.57	2921.16	2.92116	7
7	21	12	98	464	32	0.3	0.14	562.357	56.019	2907.915	2776.808	2.776808	7
7	21	13	286	450	32	0.4	0.14	747.956	63.043	3782.032	3619.952	3.619952	7
7	21	14	211	427	32	0.4	0.14	623.06	57.869	3224.053	3081.744	3.081744	7
7	21	15	229	358	31	0.3	0.14	535.523	53.964	2832.268	2703.842	2.703842	7
7	21	16	12	206	29	0.2	0.14	203.613	38.013	1123.649	1055.766	1.055766	7
7	21	17	0	7	28	0.1	0.14	6.62	28.304	32.679	3.453	0.003453	7
7	21	18	0	43	26	0.1	0.14	40.711	27.87	222.851	186.887	0.186887	7
7	21	19	0	5	25	0.2	0.14	4.717	25.194	17.999	0	0	7
7	21	20	0	0	25	0.1	0.14	0	25	0	0	0	7
7	21	21	0	0	24	0.1	0.14	0	24	0	0	0	7
7	21	22	0	0	24	0.1	0.14	0	24	0	0	0	7
7	21	23	0	0	23	0.1	0.14	0	23	0	0	0	7
7	22	0	0	0	23	0.1	0.14	0	23	0	0	0	7
7	22	1	0	0	23	0.1	0.14	0	23	0	0	0	7
7	22	2	0	0	23	0.2	0.14	0	23	0	0	0	7
7	22	3	0	0	22	0.3	0.14	0	22	0	0	0	7
7	22	4	0	0	22	0.3	0.14	0	22	0	0	0	7
7	22	5	0	0	22	0.2	0.14	0	22	0	0	0	7
7	22	6	0	9	21	0.3	0.14	8.497	21.365	43.644	14.029	0.014029	7
7	22	7	0	56	20	0.5	0.14	53.055	22.154	301.69	262.932	0.262932	7
7	22	8	125	235	21	0.6	0.14	291.278	32.47	1682.661	1594.97	1.59497	7
7	22	9	244	316	23	0.7	0.14	488.093	41.655	2728.534	2603.783	2.603783	7

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
7	22	10	30	325	25	0.6	0.14	345.18	38.509	1910.318	1814.56	1.81456	7
7	22	11	0	102	26	0.6	0.14	97.257	29.799	529.428	482.6	0.4826	7
7	22	12	271	462	26	0.5	0.14	751.103	56.259	3909.76	3743.153	3.743153	7
7	22	13	290	448	27	0.5	0.14	750.147	57.231	3892.78	3726.775	3.726775	7
7	22	14	260	417	27	0.5	0.14	664.836	53.812	3508.59	3356.198	3.356198	7
7	22	15	830	110	26	0.5	0.14	765.562	57.036	4062.252	3890.242	3.890242	7
7	22	16	0	140	26	0.4	0.14	133.152	31.54	742.448	688.072	0.688072	7
7	22	17	672	89	25	0.3	0.14	357.283	40.311	1980.699	1882.447	1.882447	7
7	22	18	506	66	23	0.2	0.14	147.22	29.175	696.178	643.442	0.643442	7
7	22	19	172	25	21	0.1	0.14	19.479	21.815	78.576	47.724	0.047724	7
7	22	20	0	0	19	0.1	0.14	0	19	0	0	0	7
7	22	21	0	0	19	0.1	0.14	0	19	0	0	0	7
7	22	22	0	0	18	0.1	0.14	0	18	0	0	0	7
7	22	23	0	0	18	0.1	0.14	0	18	0	0	0	7
7	23	0	0	0	17	0.1	0.14	0	17	0	0	0	7
7	23	1	0	0	16	0.1	0.14	0	16	0	0	0	7
7	23	2	0	0	16	0.2	0.14	0	16	0	0	0	7
7	23	3	0	0	15	0.2	0.14	0	15	0	0	0	7
7	23	4	0	0	15	0.1	0.14	0	15	0	0	0	7
7	23	5	0	0	16	0.1	0.14	0	16	0	0	0	7
7	23	6	395	49	19	0.2	0.14	64.181	21.598	273.931	236.157	0.236157	7
7	23	7	625	79	21	0.2	0.14	257.449	32.198	1378.597	1301.68	1.30168	7
7	23	8	745	98	24	0.2	0.14	481.084	45.436	2703.435	2579.574	2.579574	7
7	23	9	811	112	26	0.2	0.14	689.315	56.644	3676.483	3518.143	3.518143	7
7	23	10	850	121	27	0.2	0.14	854.819	64.928	4363.491	4180.807	4.180807	7
7	23	11	870	127	28	0.2	0.14	967.43	70.875	4779.801	4582.366	4.582366	7
7	23	12	875	132	28	0.2	0.14	1016.503	73.027	4959.526	4755.723	4.755723	7
7	23	13	860	138	29	0.2	0.14	994.079	73.039	4853.545	4653.497	4.653497	7
7	23	14	833	139	29	0.2	0.14	905.703	69.155	4520.196	4331.959	4.331959	7
7	23	15	796	133	28	0.2	0.14	765.446	61.987	3970.688	3801.923	3.801923	7
7	23	16	714	130	27	0.2	0.14	569.366	52.337	3100.066	2962.15	2.96215	7
7	23	17	603	113	26	0.2	0.14	352.976	41.614	1948.147	1851.048	1.851048	7
7	23	18	444	78	23	0.1	0.14	146.542	29.401	709.694	656.479	0.656479	7
7	23	19	141	26	21	0.1	0.14	20.345	21.836	78.479	47.63	0.04763	7
7	23	20	0	0	20	0.2	0.14	0	20	0	0	0	7
7	23	21	0	0	19	0.4	0.14	0	19	0	0	0	7
7	23	22	0	0	19	0.5	0.14	0	19	0	0	0	7
7	23	23	0	0	18	0.6	0.14	0	18	0	0	0	7
7	24	0	0	0	18	0.6	0.14	0	18	0	0	0	7
7	24	1	0	0	18	0.7	0.14	0	18	0	0	0	7
7	24	2	0	0	17	0.6	0.14	0	17	0	0	0	7
7	24	3	0	0	16	0.5	0.14	0	16	0	0	0	7
7	24	4	0	0	15	0.3	0.14	0	15	0	0	0	7

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
7	24	5	0	0	16	0.2	0.14	0	16	0	0	0	7
7	24	6	372	51	19	0.1	0.14	64.362	21.714	280.879	242.858	0.242858	7
7	24	7	601	84	22	0.1	0.14	254.831	33.455	1359.663	1283.416	1.283416	7
7	24	8	724	105	25	0.2	0.14	476.449	46.227	2666.961	2544.392	2.544392	7
7	24	9	797	118	27	0.2	0.14	685.393	57.468	3641.734	3484.625	3.484625	7
7	24	10	842	127	28	0.2	0.14	853.955	65.889	4339.736	4157.894	4.157894	7
7	24	11	867	132	29	0.2	0.14	969.678	71.974	4766.052	4569.104	4.569104	7
7	24	12	878	134	30	0.2	0.14	1021.679	75.257	4932.399	4729.557	4.729557	7
7	24	13	866	139	31	0.2	0.14	1001.152	75.353	4834.804	4635.419	4.635419	7
7	24	14	850	134	31	0.2	0.14	916.261	71.626	4521.497	4333.214	4.333214	7
7	24	15	816	126	30	0.2	0.14	773.866	64.365	3973.24	3804.384	3.804384	7
7	24	16	305	257	30	0.2	0.14	440.22	49.543	2393.357	2280.483	2.280483	7
7	24	17	312	167	29	0.2	0.14	285.283	41.637	1572.659	1488.865	1.488865	7
7	24	18	504	69	25	0.3	0.14	148.858	31.056	700.145	647.268	0.647268	7
7	24	19	176	24	22	0.4	0.14	18.747	22.683	67.454	36.996	0.036996	7
7	24	20	0	0	20	0.3	0.14	0	20	0	0	0	7
7	24	21	0	0	20	0.4	0.14	0	20	0	0	0	7
7	24	22	0	0	19	0.5	0.14	0	19	0	0	0	7
7	24	23	0	0	19	0.6	0.14	0	19	0	0	0	7
7	25	0	0	0	19	0.8	0.14	0	19	0	0	0	7
7	25	1	0	0	19	0.8	0.14	0	19	0	0	0	7
7	25	2	0	0	20	0.5	0.14	0	20	0	0	0	7
7	25	3	0	0	20	0.2	0.14	0	20	0	0	0	7
7	25	4	0	0	19	0.1	0.14	0	19	0	0	0	7
7	25	5	0	0	19	0	0.14	0	19	0	0	0	7
7	25	6	373	51	20	0	0.14	64.009	22.79	278.169	240.245	0.240245	7
7	25	7	602	85	23	0	0.14	255.581	34.87	1355.327	1279.234	1.279234	7
7	25	8	731	104	26	0.1	0.14	478.622	48.025	2659.15	2536.858	2.536858	7
7	25	9	802	119	29	0.1	0.14	689.707	60.669	3613.651	3457.537	3.457537	7
7	25	10	843	129	30	0.1	0.14	856.765	69.264	4287.357	4107.371	4.107371	7
7	25	11	865	136	31	0.1	0.14	971.869	75.487	4698.222	4503.677	4.503677	7
7	25	12	873	140	32	0.1	0.14	1022.847	78.797	4854.652	4654.565	4.654565	7
7	25	13	865	141	32	0.1	0.14	1002.306	77.864	4782.697	4585.159	4.585159	7
7	25	14	847	137	32	0.2	0.14	916.573	72.639	4501.592	4314.015	4.314015	7
7	25	15	811	130	32	0.2	0.14	773.963	66.368	3937.561	3769.969	3.769969	7
7	25	16	751	117	31	0.2	0.14	578.206	56.737	3091.887	2954.261	2.954261	7
7	25	17	655	99	29	0.2	0.14	359.196	44.884	1953.549	1856.259	1.856259	7
7	25	18	488	70	25	0.2	0.14	146.653	31.162	691.203	638.643	0.638643	7
7	25	19	165	23	22	0.2	0.14	17.965	22.688	62.744	32.453	0.032453	7
7	25	20	0	0	20	0.2	0.14	0	20	0	0	0	7
7	25	21	0	0	20	0.5	0.14	0	20	0	0	0	7
7	25	22	0	0	20	0.8	0.14	0	20	0	0	0	7
7	25	23	0	0	19	0.8	0.14	0	19	0	0	0	7

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
7	26	0	0	0	19	0.8	0.14	0	19	0	0	0	7
7	26	1	0	0	18	0.7	0.14	0	18	0	0	0	7
7	26	2	0	0	17	0.6	0.14	0	17	0	0	0	7
7	26	3	0	0	17	0.3	0.14	0	17	0	0	0	7
7	26	4	0	0	17	0.1	0.14	0	17	0	0	0	7
7	26	5	0	0	18	0.1	0.14	0	18	0	0	0	7
7	26	6	355	51	20	0.2	0.14	61.691	22.525	269.785	232.157	0.232157	7
7	26	7	582	87	23	0.2	0.14	251.305	33.939	1338.382	1262.89	1.26289	7
7	26	8	702	109	26	0.3	0.14	468.57	46.23	2621.195	2500.247	2.500247	7
7	26	9	488	238	29	0.4	0.14	586.98	53.492	3150.332	3010.636	3.010636	7
7	26	10	290	378	30	0.4	0.14	634.171	56.368	3320.983	3175.24	3.17524	7
7	26	11	442	368	31	0.4	0.14	811.583	64.734	4094.512	3921.359	3.921359	7
7	26	12	345	433	32	0.4	0.14	796.633	65.074	3996.397	3826.72	3.82672	7
7	26	13	360	417	33	0.5	0.14	788.529	64.796	3964.97	3796.407	3.796407	7
7	26	14	257	415	33	0.5	0.14	661.065	59.661	3401.078	3252.496	3.252496	7
7	26	15	432	293	32	0.5	0.14	640.643	57.915	3356.599	3209.594	3.209594	7
7	26	16	4	175	31	0.5	0.14	169.13	37.834	927.401	866.471	0.866471	7
7	26	17	352	158	30	0.4	0.14	292.211	42.166	1606.687	1521.688	1.521688	7
7	26	18	0	15	27	0.2	0.14	14.173	27.63	73.566	42.891	0.042891	7
7	26	19	0	2	25	0.2	0.14	1.886	25.072	5.739	0	0	7
7	26	20	0	0	24	0.2	0.14	0	24	0	0	0	7
7	26	21	0	0	24	0.2	0.14	0	24	0	0	0	7
7	26	22	0	0	24	0.2	0.14	0	24	0	0	0	7
7	26	23	0	0	23	0.2	0.14	0	23	0	0	0	7
7	27	0	0	0	23	0.2	0.14	0	23	0	0	0	7
7	27	1	0	0	23	0.2	0.14	0	23	0	0	0	7
7	27	2	0	0	23	0.2	0.14	0	23	0	0	0	7
7	27	3	0	0	23	0.2	0.14	0	23	0	0	0	7
7	27	4	0	0	23	0.3	0.14	0	23	0	0	0	7
7	27	5	0	0	23	0.3	0.14	0	23	0	0	0	7
7	27	6	8	53	23	0.4	0.14	49.296	25.046	268.486	230.904	0.230904	7
7	27	7	118	139	25	0.4	0.14	164.704	31.843	920.305	859.627	0.859627	7
7	27	8	83	225	27	0.5	0.14	258.064	37.455	1453.581	1374.007	1.374007	7
7	27	9	0	99	28	0.5	0.14	94.079	31.795	513.682	467.412	0.467412	7
7	27	10	0	140	29	0.6	0.14	133.572	34.225	726.623	672.808	0.672808	7
7	27	11	8	192	30	0.6	0.14	191.791	37.495	1039.852	974.938	0.974938	7
7	27	12	1	140	31	0.6	0.14	134.969	36.27	723.224	669.529	0.669529	7
7	27	13	59	423	32	0.6	0.14	480.777	50.793	2535.116	2417.219	2.417219	7
7	27	14	288	406	32	0.6	0.14	680.385	58.672	3519.873	3367.082	3.367082	7
7	27	15	303	338	31	0.6	0.14	579.629	53.765	3079.654	2942.461	2.942461	7
7	27	16	161	274	30	0.5	0.14	366.241	44.826	2015.082	1915.611	1.915611	7
7	27	17	15	154	29	0.4	0.14	151.588	35.328	846.562	788.497	0.788497	7
7	27	18	163	92	27	0.2	0.14	111.316	31.841	577.766	529.226	0.529226	7

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
7	27	19	0	20	25	0.2	0.14	18.7	25.716	64.525	34.171	0.034171	7
7	27	20	0	0	25	0.2	0.14	0	25	0	0	0	7
7	27	21	0	0	24	0.2	0.14	0	24	0	0	0	7
7	27	22	0	0	24	0.2	0.14	0	24	0	0	0	7
7	27	23	0	0	24	0.2	0.14	0	24	0	0	0	7
7	28	0	0	0	24	0.3	0.14	0	24	0	0	0	7
7	28	1	0	0	23	0.2	0.14	0	23	0	0	0	7
7	28	2	0	0	23	0.2	0.14	0	23	0	0	0	7
7	28	3	0	0	23	0.2	0.14	0	23	0	0	0	7
7	28	4	0	0	22	0.2	0.14	0	22	0	0	0	7
7	28	5	0	0	22	0.2	0.14	0	22	0	0	0	7
7	28	6	0	28	22	0.3	0.14	26.491	23.135	142.064	108.962	0.108962	7
7	28	7	0	14	23	0.3	0.14	13.234	23.57	69.938	39.392	0.039392	7
7	28	8	24	195	24	0.3	0.14	197.554	32.492	1123.206	1055.339	1.055339	7
7	28	9	91	311	26	0.3	0.14	367.424	41.758	2031.975	1931.906	1.931906	7
7	28	10	103	387	27	0.4	0.14	470.847	46.549	2547.027	2428.708	2.428708	7
7	28	11	9	209	28	0.5	0.14	209.289	36.417	1143.862	1075.262	1.075262	7
7	28	12	17	311	29	0.5	0.14	318.014	41.783	1720.177	1631.157	1.631157	7
7	28	13	355	418	30	0.5	0.14	785.152	61.66	4004.124	3834.174	3.834174	7
7	28	14	736	181	30	0.4	0.14	865.831	66.077	4378.539	4195.322	4.195322	7
7	28	15	661	188	29	0.4	0.14	717.037	58.916	3762.851	3601.45	3.60145	7
7	28	16	531	196	28	0.3	0.14	520.674	50.436	2845.47	2716.575	2.716575	7
7	28	17	371	173	27	0.2	0.14	313.481	40.883	1736.896	1647.282	1.647282	7
7	28	18	185	110	26	0.2	0.14	130.662	31.686	684.917	632.58	0.63258	7
7	28	19	0	16	24	0.2	0.14	15.14	24.58	51.969	22.06	0.02206	7
7	28	20	0	0	23	0.2	0.14	0	23	0	0	0	7
7	28	21	0	0	22	0.2	0.14	0	22	0	0	0	7
7	28	22	0	0	22	0.2	0.14	0	22	0	0	0	7
7	28	23	0	0	21	0.1	0.14	0	21	0	0	0	7
7	29	0	0	0	21	0.1	0.14	0	21	0	0	0	7
7	29	1	0	0	20	0.1	0.14	0	20	0	0	0	7
7	29	2	0	0	20	0.1	0.14	0	20	0	0	0	7
7	29	3	0	0	20	0.1	0.14	0	20	0	0	0	7
7	29	4	0	0	20	0.2	0.14	0	20	0	0	0	7
7	29	5	0	0	21	0.2	0.14	0	21	0	0	0	7
7	29	6	119	64	23	0.1	0.14	61.651	25.758	315.536	276.287	0.276287	7
7	29	7	0	15	26	0.1	0.14	14.179	26.651	74.05	43.358	0.043358	7
7	29	8	0	88	28	0.1	0.14	83.515	31.825	459.027	414.694	0.414694	7
7	29	9	74	303	30	0.1	0.14	347.697	45.891	1885.448	1790.571	1.790571	7
7	29	10	79	368	31	0.1	0.14	431.257	50.667	2285.83	2176.766	2.176766	7
7	29	11	45	390	32	0.2	0.14	431.39	51.014	2268.845	2160.383	2.160383	7
7	29	12	746	204	33	0.2	0.14	974.322	76.134	4678.105	4484.274	4.484274	7
7	29	13	753	194	33	0.3	0.14	953.586	73.925	4632.32	4440.11	4.44011	7

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
7	29	14	735	186	33	0.3	0.14	873.518	70.519	4327.507	4146.098	4.146098	7
7	29	15	695	174	32	0.3	0.14	729.252	63.371	3754.693	3593.582	3.593582	7
7	29	16	612	163	31	0.3	0.14	539.054	54.24	2905.13	2774.122	2.774122	7
7	29	17	497	135	30	0.2	0.14	328.284	44.525	1787.441	1696.037	1.696037	7
7	29	18	316	90	28	0.2	0.14	133.798	33.727	657.972	606.59	0.60659	7
7	29	19	37	19	26	0.1	0.14	16.857	26.667	57.548	27.441	0.027441	7
7	29	20	0	0	24	0.1	0.14	0	24	0	0	0	7
7	29	21	0	0	24	0.1	0.14	0	24	0	0	0	7
7	29	22	0	0	24	0.1	0.14	0	24	0	0	0	7
7	29	23	0	0	23	0.1	0.14	0	23	0	0	0	7
7	30	0	0	0	23	0.1	0.14	0	23	0	0	0	7
7	30	1	0	0	22	0.1	0.14	0	22	0	0	0	7
7	30	2	0	0	22	0.1	0.14	0	22	0	0	0	7
7	30	3	0	0	22	0.1	0.14	0	22	0	0	0	7
7	30	4	0	0	21	0.1	0.14	0	21	0	0	0	7
7	30	5	0	0	22	0.1	0.14	0	22	0	0	0	7
7	30	6	110	63	24	0.2	0.14	60.198	26.61	307.833	268.857	0.268857	7
7	30	7	324	139	26	0.2	0.14	223.345	35.802	1209.898	1138.958	1.138958	7
7	30	8	476	185	29	0.2	0.14	425.798	47.946	2349.346	2238.031	2.238031	7
7	30	9	572	216	30	0.1	0.14	623.9	58.617	3283.016	3138.617	3.138617	7
7	30	10	643	229	32	0.1	0.14	794.757	68.388	3980.408	3811.299	3.811299	7
7	30	11	698	226	33	0.1	0.14	915.587	74.878	4429.73	4244.699	4.244699	7
7	30	12	323	440	34	0.1	0.14	782.98	69.712	3844.201	3679.918	3.679918	7
7	30	13	663	258	34	0.1	0.14	935.57	76.768	4475.967	4289.297	4.289297	7
7	30	14	645	245	35	0.1	0.14	851.738	73.969	4144.621	3969.692	3.969692	7
7	30	15	604	225	34	0.1	0.14	709.175	66.496	3592.322	3436.964	3.436964	7
7	30	16	310	251	33	0.1	0.14	437.162	53.051	2342.725	2231.645	2.231645	7
7	30	17	332	158	32	0.1	0.14	283.356	44.961	1537.689	1455.134	1.455134	7
7	30	18	299	79	29	0.1	0.14	120.65	34.321	584.646	535.862	0.535862	7
7	30	19	0	15	27	0.1	0.14	14.194	27.562	47.799	18.037	0.018037	7
7	30	20	0	0	25	0.1	0.14	0	25	0	0	0	7
7	30	21	0	0	24	0.1	0.14	0	24	0	0	0	7
7	30	22	0	0	24	0.1	0.14	0	24	0	0	0	7
7	30	23	0	0	23	0.1	0.14	0	23	0	0	0	7
7	31	0	0	0	23	0.1	0.14	0	23	0	0	0	7
7	31	1	0	0	22	0.1	0.14	0	22	0	0	0	7
7	31	2	0	0	22	0.1	0.14	0	22	0	0	0	7
7	31	3	0	0	21	0.1	0.14	0	21	0	0	0	7
7	31	4	0	0	21	0.1	0.14	0	21	0	0	0	7
7	31	5	0	0	22	0.1	0.14	0	22	0	0	0	7
7	31	6	169	59	24	0.2	0.14	58.597	26.51	287.44	249.187	0.249187	7
7	31	7	392	121	27	0.2	0.14	226.459	36.911	1209.364	1138.444	1.138444	7
7	31	8	533	161	30	0.2	0.14	431.058	49.188	2369.698	2257.662	2.257662	7

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
7	31	9	624	187	31	0.2	0.14	633.803	59.156	3332.23	3186.088	3.186088	7
7	31	10	640	228	33	0.2	0.14	791.317	68.078	3969.191	3800.479	3.800479	7
7	31	11	333	413	34	0.1	0.14	747.557	68.118	3705.509	3546.141	3.546141	7
7	31	12	698	235	34	0.1	0.14	958.801	77.833	4563.503	4373.732	4.373732	7
7	31	13	384	400	35	0.1	0.14	795.926	71.326	3887.735	3721.909	3.721909	7
7	31	14	21	308	35	0.2	0.14	316.647	48.961	1667.591	1580.434	1.580434	7
7	31	15	75	338	35	0.2	0.14	390.987	52.281	2060.355	1959.28	1.95928	7
7	31	16	303	251	34	0.2	0.14	432.866	53.222	2317.415	2207.232	2.207232	7
7	31	17	383	147	33	0.2	0.14	294.417	46.033	1590.012	1505.603	1.505603	7
7	31	18	219	84	30	0.1	0.14	112.261	34.999	557.74	509.909	0.509909	7
7	31	19	135	21	23.2	0.5	0.14	16.616	23.781	57.498	27.392	0.027392	7
7	31	20	0	0	21.9	0.4	0.14	0	21.9	0	0	0	7
7	31	21	0	0	21.1	0.2	0.14	0	21.1	0	0	0	7
7	31	22	0	0	20.7	0.2	0.14	0	20.7	0	0	0	7
7	31	23	0	0	20.4	0.2	0.14	0	20.4	0	0	0	7
8	1	0	0	0	20.1	0.1	0.14	0	20.1	0	0	0	8
8	1	1	0	0	19.9	0.1	0.14	0	19.9	0	0	0	8
8	1	2	0	0	19.7	0.2	0.14	0	19.7	0	0	0	8
8	1	3	0	0	19.7	0.2	0.14	0	19.7	0	0	0	8
8	1	4	0	0	19.6	0.2	0.14	0	19.6	0	0	0	8
8	1	5	0	0	20.1	0.2	0.14	0	20.1	0	0	0	8
8	1	6	203	50	21.7	0.2	0.14	51.259	23.867	242.568	205.905	0.205905	8
8	1	7	544	90	24.1	0.2	0.14	240.962	34.588	1277.666	1204.326	1.204326	8
8	1	8	681	113	26.5	0.2	0.14	460.2	47	2564.478	2445.54	2.44554	8
8	1	9	762	128	28.3	0.1	0.14	669.768	59.056	3534.783	3381.463	3.381463	8
8	1	10	806	140	29.4	0.1	0.14	840.875	67.936	4234.276	4056.171	4.056171	8
8	1	11	169	397	30.1	0.2	0.14	566.248	55.095	2956.968	2824.123	2.824123	8
8	1	12	241	393	30.5	0.2	0.14	652.763	59.317	3352.978	3206.101	3.206101	8
8	1	13	366	397	30.6	0.3	0.14	775.304	63.8	3919.413	3752.464	3.752464	8
8	1	14	119	387	30.3	0.3	0.14	500.779	51.725	2648.851	2526.924	2.526924	8
8	1	15	444	221	29.8	0.3	0.14	578.073	54.644	3076.836	2939.743	2.939743	8
8	1	16	101	236	29.1	0.3	0.14	293.072	41.694	1622.283	1536.731	1.536731	8
8	1	17	69	117	27.8	0.3	0.14	139.944	33.817	781.489	725.73	0.72573	8
8	1	18	298	78	27	0.2	0.14	118.753	32.066	579.048	530.462	0.530462	8
8	1	19	73	19	23.5	0.2	0.14	15.916	24.11	54.881	24.869	0.024869	8
8	1	20	0	0	22.7	0.2	0.14	0	22.7	0	0	0	8
8	1	21	0	0	22.3	0.2	0.14	0	22.3	0	0	0	8
8	1	22	0	0	21.9	0.2	0.14	0	21.9	0	0	0	8
8	1	23	0	0	21.3	0.2	0.14	0	21.3	0	0	0	8
8	2	0	0	0	20.8	0.2	0.14	0	20.8	0	0	0	8
8	2	1	0	0	20.2	0.2	0.14	0	20.2	0	0	0	8
8	2	2	0	0	19.9	0.2	0.14	0	19.9	0	0	0	8
8	2	3	0	0	19.5	0.2	0.14	0	19.5	0	0	0	8

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
8	2	4	0	0	18.8	0.2	0.14	0	18.8	0	0	0	8
8	2	5	0	0	18.8	0.2	0.14	0	18.8	0	0	0	8
8	2	6	309	49	20	0.3	0.14	54.943	22.201	245.982	209.198	0.209198	8
8	2	7	559	87	22.5	0.3	0.14	241.898	32.697	1290.009	1216.231	1.216231	8
8	2	8	696	110	25.3	0.4	0.14	464.484	44.754	2614.097	2493.401	2.493401	8
8	2	9	764	129	27.3	0.4	0.14	672.067	55.391	3604.801	3449.001	3.449001	8
8	2	10	796	150	28.6	0.4	0.14	842.632	63.748	4323.604	4142.333	4.142333	8
8	2	11	815	160	29.5	0.3	0.14	955.947	70.554	4729.031	4533.394	4.533394	8
8	2	12	298	412	30.1	0.3	0.14	729.833	61.335	3722.323	3562.358	3.562358	8
8	2	13	279	424	30.3	0.3	0.14	717.687	61.015	3665.298	3507.353	3.507353	8
8	2	14	150	395	30.2	0.3	0.14	537.328	53.195	2830.812	2702.437	2.702437	8
8	2	15	216	308	29.7	0.3	0.14	476.469	50.142	2561.1	2442.282	2.442282	8
8	2	16	393	205	28.9	0.3	0.14	445.393	48.085	2447.791	2332.988	2.332988	8
8	2	17	547	113	27.4	0.3	0.14	326.262	41.381	1795.467	1703.778	1.703778	8
8	2	18	406	73	26.4	0.2	0.14	130.587	31.903	615.896	566.005	0.566005	8
8	2	19	115	19	22.4	0.2	0.14	15.05	22.976	52.03	22.119	0.022119	8
8	2	20	0	0	21.3	0.2	0.14	0	21.3	0	0	0	8
8	2	21	0	0	20.7	0.2	0.14	0	20.7	0	0	0	8
8	2	22	0	0	20.1	0.2	0.14	0	20.1	0	0	0	8
8	2	23	0	0	19.4	0.2	0.14	0	19.4	0	0	0	8
8	3	0	0	0	18.9	0.2	0.14	0	18.9	0	0	0	8
8	3	1	0	0	18.5	0.2	0.14	0	18.5	0	0	0	8
8	3	2	0	0	18.3	0.2	0.14	0	18.3	0	0	0	8
8	3	3	0	0	18.1	0.2	0.14	0	18.1	0	0	0	8
8	3	4	0	0	18.1	0.2	0.14	0	18.1	0	0	0	8
8	3	5	0	0	18.7	0.2	0.14	0	18.7	0	0	0	8
8	3	6	271	52	20.2	0.2	0.14	55.527	22.522	256.658	219.496	0.219496	8
8	3	7	537	93	22.8	0.2	0.14	241.2	33.299	1286.432	1212.781	1.212781	8
8	3	8	674	117	25.7	0.2	0.14	460.204	46.199	2572.867	2453.632	2.453632	8
8	3	9	771	127	27.6	0.2	0.14	674.822	57.604	3585.652	3430.53	3.43053	8
8	3	10	742	174	28.9	0.2	0.14	823.716	65.437	4191.242	4014.661	4.014661	8
8	3	11	804	164	29.7	0.3	0.14	949.652	70.483	4699.555	4504.963	4.504963	8
8	3	12	603	292	30.1	0.3	0.14	921.876	69.626	4555.083	4365.61	4.36561	8
8	3	13	657	253	30.2	0.3	0.14	925.121	69.885	4573.798	4383.662	4.383662	8
8	3	14	851	127	30	0.3	0.14	909.184	69.079	4544.894	4355.782	4.355782	8
8	3	15	842	108	29.5	0.3	0.14	769.735	62.643	3990.01	3820.56	3.82056	8
8	3	16	792	96	28.6	0.3	0.14	577.134	53.512	3137.123	2997.894	2.997894	8
8	3	17	703	81	26.9	0.2	0.14	354.313	42.55	1937.555	1840.832	1.840832	8
8	3	18	533	58	25.7	0.2	0.14	136.442	31.348	613.019	563.229	0.563229	8
8	3	19	155	18	21.7	0.3	0.14	17.457	22.349	61.152	30.917	0.030917	8
8	3	20	0	0	20.9	0.5	0.14	0	20.9	0	0	0	8
8	3	21	0	0	20.5	0.6	0.14	0	20.5	0	0	0	8
8	3	22	0	0	20	0.7	0.14	0	20	0	0	0	8

Month	Day	Hour	Beam Irradiance (W/m ²)	Diffuse Irradiance (W/m ²)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m ²)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
8	3	23	0	0	19.3	0.7	0.14	0	19.3	0	0	0	8
8	4	0	0	0	18.5	0.7	0.14	0	18.5	0	0	0	8
8	4	1	0	0	17.8	0.8	0.14	0	17.8	0	0	0	8
8	4	2	0	0	17.3	0.8	0.14	0	17.3	0	0	0	8
8	4	3	0	0	17.1	0.7	0.14	0	17.1	0	0	0	8
8	4	4	0	0	17.2	0.7	0.14	0	17.2	0	0	0	8
8	4	5	0	0	17.7	0.5	0.14	0	17.7	0	0	0	8
8	4	6	274	48	19.3	0.2	0.14	51.907	21.46	237.086	200.617	0.200617	8
8	4	7	564	83	21.6	0.1	0.14	238.699	32.315	1271.022	1197.916	1.197916	8
8	4	8	727	99	24.7	0.1	0.14	468.452	46.259	2621.82	2500.85	2.50085	8
8	4	9	801	112	27.6	0.2	0.14	680.312	57.855	3613.749	3457.631	3.457631	8
8	4	10	844	121	29.3	0.2	0.14	849.301	66.995	4299.525	4119.107	4.119107	8
8	4	11	865	127	30.3	0.2	0.14	963.486	73.011	4717.601	4522.37	4.52237	8
8	4	12	871	129	30.9	0.2	0.14	1010.651	75.679	4874.578	4673.784	4.673784	8
8	4	13	865	128	31.3	0.2	0.14	989.408	75.146	4788.818	4591.063	4.591063	8
8	4	14	770	164	31.5	0.2	0.14	878.943	70.468	4361.206	4178.603	4.178603	8
8	4	15	717	155	31.2	0.2	0.14	725.296	63.406	3738.928	3578.375	3.578375	8
8	4	16	740	109	30.8	0.2	0.14	558.589	55.675	3004.687	2870.151	2.870151	8
8	4	17	634	93	29.9	0.2	0.14	338.783	44.868	1833.657	1740.615	1.740615	8
8	4	18	450	65	29.1	0.2	0.14	129.594	34.516	589.119	540.176	0.540176	8
8	4	19	11	13	25.8	0.8	0.14	12.608	26.206	42.555	12.979	0.012979	8
8	4	20	0	0	25.3	0.8	0.14	0	25.3	0	0	0	8
8	4	21	0	0	25	0.8	0.14	0	25	0	0	0	8
8	4	22	0	0	24.5	0.7	0.14	0	24.5	0	0	0	8
8	4	23	0	0	24	0.6	0.14	0	24	0	0	0	8
8	5	0	0	0	23.6	0.5	0.14	0	23.6	0	0	0	8
8	5	1	0	0	23.1	0.3	0.14	0	23.1	0	0	0	8
8	5	2	0	0	22.6	0.2	0.14	0	22.6	0	0	0	8
8	5	3	0	0	21.9	0.5	0.14	0	21.9	0	0	0	8
8	5	4	0	0	21.1	0.7	0.14	0	21.1	0	0	0	8
8	5	5	0	0	20.9	0.5	0.14	0	20.9	0	0	0	8
8	5	6	310	44	22.2	0.2	0.14	49.658	24.241	215.684	179.973	0.179973	8
8	5	7	559	81	24.7	0.1	0.14	235.022	35.247	1234.306	1162.502	1.162502	8
8	5	8	692	104	27.8	0.1	0.14	455.733	48.771	2521.225	2403.82	2.40382	8
8	5	9	764	122	30	0.1	0.14	664.665	60.527	3487.214	3335.58	3.33558	8
8	5	10	803	135	31.3	0.1	0.14	833.261	69.493	4168.238	3992.472	3.992472	8
8	5	11	732	183	32.1	0.1	0.14	900.401	73.304	4397.108	4213.233	4.213233	8
8	5	12	235	401	32.5	0.2	0.14	656.139	61.466	3338.471	3192.107	3.192107	8
8	5	13	253	433	32.8	0.3	0.14	702.151	62.846	3554.553	3400.533	3.400533	8
8	5	14	581	252	32.4	0.3	0.14	800.461	66.761	4027.851	3857.06	3.85706	8
8	5	15	744	145	31.8	0.3	0.14	733.923	63.389	3786.231	3624.002	3.624002	8
8	5	16	681	130	31.3	0.2	0.14	544.167	55.526	2924.952	2793.242	2.793242	8
8	5	17	583	105	30.1	0.2	0.14	330.216	44.693	1788.778	1697.326	1.697326	8

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
8	5	18	422	68	29.4	0.2	0.14	126.374	34.696	577.917	529.371	0.529371	8
8	5	19	53	14	25.7	0.7	0.14	13.578	26.149	46.026	16.328	0.016328	8
8	5	20	0	0	25	0.8	0.14	0	25	0	0	0	8
8	5	21	0	0	24.8	0.8	0.14	0	24.8	0	0	0	8
8	5	22	0	0	24.2	0.8	0.14	0	24.2	0	0	0	8
8	5	23	0	0	23.1	0.7	0.14	0	23.1	0	0	0	8
8	6	0	0	0	22	0.5	0.14	0	22	0	0	0	8
8	6	1	0	0	21	0.3	0.14	0	21	0	0	0	8
8	6	2	0	0	20.2	0.1	0.14	0	20.2	0	0	0	8
8	6	3	0	0	19.8	0.1	0.14	0	19.8	0	0	0	8
8	6	4	0	0	19.5	0.1	0.14	0	19.5	0	0	0	8
8	6	5	0	0	20.1	0.2	0.14	0	20.1	0	0	0	8
8	6	6	286	47	21.4	0.2	0.14	50.945	23.514	228.467	192.303	0.192303	8
8	6	7	528	87	23.1	0.2	0.14	231.948	33.188	1232.423	1160.685	1.160685	8
8	6	8	217	199	26	0.3	0.14	306.069	39.184	1730.24	1640.863	1.640863	8
8	6	9	731	135	28.6	0.4	0.14	655.703	56.008	3507.337	3354.99	3.35499	8
8	6	10	100	260	30	0.5	0.14	347.777	44.029	1892.298	1797.178	1.797178	8
8	6	11	21	298	31	0.5	0.14	308.376	43.406	1659.976	1573.088	1.573088	8
8	6	12	337	420	31.5	0.5	0.14	778.289	62.881	3946.627	3778.714	3.778714	8
8	6	13	76	317	31.6	0.5	0.14	390.371	47.315	2085.139	1983.186	1.983186	8
8	6	14	92	254	31.2	0.5	0.14	341.103	44.95	1842.811	1749.445	1.749445	8
8	6	15	93	225	30.3	0.4	0.14	297.665	42.68	1627.817	1542.069	1.542069	8
8	6	16	83	199	29.1	0.3	0.14	242.306	39.515	1346.446	1270.668	1.270668	8
8	6	17	357	145	27.7	0.3	0.14	280.077	39.713	1550.404	1467.399	1.467399	8
8	6	18	229	80	26.8	0.2	0.14	107.959	31.435	536.557	489.477	0.489477	8
8	6	19	4	11	23.9	0.1	0.14	10.668	24.322	36.044	6.699	0.006699	8
8	6	20	0	0	23.1	0.1	0.14	0	23.1	0	0	0	8
8	6	21	0	0	22.7	0.1	0.14	0	22.7	0	0	0	8
8	6	22	0	0	22.4	0.1	0.14	0	22.4	0	0	0	8
8	6	23	0	0	22.2	0.2	0.14	0	22.2	0	0	0	8
8	7	0	0	0	22	0.3	0.14	0	22	0	0	0	8
8	7	1	0	0	21.9	0.5	0.14	0	21.9	0	0	0	8
8	7	2	0	0	21.8	0.6	0.14	0	21.8	0	0	0	8
8	7	3	0	0	21.7	0.5	0.14	0	21.7	0	0	0	8
8	7	4	0	0	21.8	0.4	0.14	0	21.8	0	0	0	8
8	7	5	0	0	21.9	0.2	0.14	0	21.9	0	0	0	8
8	7	6	103	53	22.1	0.2	0.14	50.407	24.279	255.909	218.773	0.218773	8
8	7	7	253	134	23.4	0.2	0.14	197.795	32.092	1088.669	1022.026	1.022026	8
8	7	8	409	186	25.5	0.2	0.14	392.59	42.967	2207.33	2101.047	2.101047	8
8	7	9	670	170	27.3	0.3	0.14	648.862	55.248	3477.198	3325.919	3.325919	8
8	7	10	786	153	28.7	0.3	0.14	837.367	64.709	4279.78	4100.063	4.100063	8
8	7	11	844	142	29.7	0.3	0.14	958.751	70.888	4740.71	4544.66	4.54466	8
8	7	12	870	134	30.2	0.4	0.14	1014.725	72.471	4969.15	4765.005	4.765005	8

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
8	7	13	170	403	30.4	0.4	0.14	580.77	54.498	3040.088	2904.298	2.904298	8
8	7	14	660	218	30.3	0.4	0.14	837.57	65.194	4251.347	4072.637	4.072637	8
8	7	15	672	169	29.9	0.4	0.14	703.622	59.271	3693.279	3534.344	3.534344	8
8	7	16	560	159	29.1	0.3	0.14	499.999	50.663	2736.357	2611.329	2.611329	8
8	7	17	544	99	27.6	0.3	0.14	307.878	40.783	1690.888	1602.905	1.602905	8
8	7	18	515	54	26.5	0.2	0.14	126.221	31.696	555.802	508.039	0.508039	8
8	7	19	119	15	22.6	0.4	0.14	14.548	23.124	50.282	20.432	0.020432	8
8	7	20	0	0	21.9	0.6	0.14	0	21.9	0	0	0	8
8	7	21	0	0	21.7	0.7	0.14	0	21.7	0	0	0	8
8	7	22	0	0	21.9	0.8	0.14	0	21.9	0	0	0	8
8	7	23	0	0	22	0.9	0.14	0	22	0	0	0	8
8	8	0	0	0	21.3	0.8	0.14	0	21.3	0	0	0	8
8	8	1	0	0	20.4	0.7	0.14	0	20.4	0	0	0	8
8	8	2	0	0	19.7	0.4	0.14	0	19.7	0	0	0	8
8	8	3	0	0	19.3	0.2	0.14	0	19.3	0	0	0	8
8	8	4	0	0	18.9	0.1	0.14	0	18.9	0	0	0	8
8	8	5	0	0	19.6	0.2	0.14	0	19.6	0	0	0	8
8	8	6	353	40	21.5	0.2	0.14	47.554	23.429	199.567	164.428	0.164428	8
8	8	7	613	69	24.3	0.3	0.14	237.16	34.261	1240.003	1167.997	1.167997	8
8	8	8	737	88	26.9	0.4	0.14	461.709	46.243	2585.023	2465.358	2.465358	8
8	8	9	793	108	28.4	0.4	0.14	670.195	56.425	3584.226	3429.155	3.429155	8
8	8	10	632	211	29.5	0.5	0.14	768.435	60.603	3991.255	3821.761	3.821761	8
8	8	11	656	233	30.4	0.5	0.14	884.199	66.144	4457.354	4271.344	4.271344	8
8	8	12	857	133	31	0.5	0.14	1000.648	71.474	4924.533	4721.969	4.721969	8
8	8	13	776	174	31.3	0.5	0.14	955.99	69.959	4737.353	4541.422	4.541422	8
8	8	14	697	191	31.3	0.5	0.14	843.05	65.412	4279.202	4099.505	4.099505	8
8	8	15	669	169	30.9	0.5	0.14	700.847	59.306	3678.552	3520.139	3.520139	8
8	8	16	633	141	30.1	0.4	0.14	524.709	52.06	2861.029	2731.583	2.731583	8
8	8	17	22	89	28.5	0.3	0.14	93.474	32.523	517.767	471.352	0.471352	8
8	8	18	0	36	27.5	0.2	0.14	34.072	29.013	182.914	148.365	0.148365	8
8	8	19	0	5	24.3	0.2	0.14	4.849	24.486	15.672	0	0	8
8	8	20	0	0	23.6	0.2	0.14	0	23.6	0	0	0	8
8	8	21	0	0	22.9	0.2	0.14	0	22.9	0	0	0	8
8	8	22	0	0	22.2	0.2	0.14	0	22.2	0	0	0	8
8	8	23	0	0	21.6	0.2	0.14	0	21.6	0	0	0	8
8	9	0	0	0	21.2	0.1	0.14	0	21.2	0	0	0	8
8	9	1	0	0	21.1	0.1	0.14	0	21.1	0	0	0	8
8	9	2	0	0	20.9	0.1	0.14	0	20.9	0	0	0	8
8	9	3	0	0	20.5	0.1	0.14	0	20.5	0	0	0	8
8	9	4	0	0	20.2	0.1	0.14	0	20.2	0	0	0	8
8	9	5	0	0	20.5	0.2	0.14	0	20.5	0	0	0	8
8	9	6	272	44	21.7	0.2	0.14	46.965	23.649	209.753	174.252	0.174252	8
8	9	7	525	83	23.4	0.2	0.14	226.377	33.238	1198.354	1127.824	1.127824	8

Month	Day	Hour	Beam Irradiance (W/m ²)	Diffuse Irradiance (W/m ²)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m ²)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
8	9	8	683	104	25.3	0.2	0.14	450.433	45.368	2527.921	2410.279	2.410279	8
8	9	9	760	121	27.1	0.2	0.14	660.538	56.476	3529.821	3376.678	3.376678	8
8	9	10	809	132	28.5	0.3	0.14	835.34	64.431	4278.574	4098.9	4.0989	8
8	9	11	850	132	29.6	0.3	0.14	954.351	70.604	4727.569	4531.984	4.531984	8
8	9	12	872	127	30.3	0.4	0.14	1009.438	72.354	4948.132	4744.732	4.744732	8
8	9	13	877	122	30.5	0.4	0.14	994.183	71.928	4888.153	4686.878	4.686878	8
8	9	14	867	115	30.4	0.4	0.14	909.175	68.321	4565.534	4375.691	4.375691	8
8	9	15	842	104	29.9	0.4	0.14	761.826	61.729	3969.176	3800.464	3.800464	8
8	9	16	794	91	29	0.4	0.14	567.996	52.792	3100.606	2962.671	2.962671	8
8	9	17	701	76	27.3	0.3	0.14	343.209	41.977	1872.913	1778.481	1.778481	8
8	9	18	516	53	26.1	0.2	0.14	123.392	31.164	539.351	492.172	0.492172	8
8	9	19	104	12	21.6	0.2	0.14	11.638	22.046	39.981	10.496	0.010496	8
8	9	20	0	0	20.4	0.2	0.14	0	20.4	0	0	0	8
8	9	21	0	0	19.8	0.2	0.14	0	19.8	0	0	0	8
8	9	22	0	0	19.4	0.1	0.14	0	19.4	0	0	0	8
8	9	23	0	0	18.9	0.3	0.14	0	18.9	0	0	0	8
8	10	0	0	0	18.1	0.4	0.14	0	18.1	0	0	0	8
8	10	1	0	0	17.5	0.3	0.14	0	17.5	0	0	0	8
8	10	2	0	0	17.1	0.2	0.14	0	17.1	0	0	0	8
8	10	3	0	0	16.5	0.1	0.14	0	16.5	0	0	0	8
8	10	4	0	0	15.9	0.2	0.14	0	15.9	0	0	0	8
8	10	5	0	0	16.5	0.2	0.14	0	16.5	0	0	0	8
8	10	6	396	36	18.4	0.2	0.14	44.68	20.179	181.013	146.531	0.146531	8
8	10	7	657	62	21.3	0.2	0.14	242.594	31.796	1275.44	1202.178	1.202178	8
8	10	8	748	84	24.4	0.2	0.14	462.63	45.018	2604.447	2484.093	2.484093	8
8	10	9	371	257	26.5	0.2	0.14	520.029	49.578	2832.425	2703.993	2.703993	8
8	10	10	241	366	27.5	0.3	0.14	583.91	52.531	3107.871	2969.679	2.969679	8
8	10	11	124	419	28.3	0.3	0.14	548.237	51.747	2900.601	2769.753	2.769753	8
8	10	12	502	346	28.9	0.4	0.14	876.29	65.332	4411.05	4226.681	4.226681	8
8	10	13	911	103	29.1	0.4	0.14	1007.56	71.093	4975.334	4770.97	4.77097	8
8	10	14	893	102	28.9	0.4	0.14	918.66	67.222	4638.418	4445.993	4.445993	8
8	10	15	859	97	28.5	0.4	0.14	766.887	60.545	4018.409	3847.953	3.847953	8
8	10	16	802	87	27.6	0.3	0.14	567.533	52.109	3108.456	2970.243	2.970243	8
8	10	17	706	73	25.9	0.3	0.14	340.886	40.474	1869.882	1775.557	1.775557	8
8	10	18	521	51	24.8	0.2	0.14	121.122	29.754	527.442	480.685	0.480685	8
8	10	19	106	12	20	0.2	0.14	11.638	20.446	40.315	10.818	0.010818	8
8	10	20	0	0	18.9	0.2	0.14	0	18.9	0	0	0	8
8	10	21	0	0	18.4	0.2	0.14	0	18.4	0	0	0	8
8	10	22	0	0	17.9	0.2	0.14	0	17.9	0	0	0	8
8	10	23	0	0	17.4	0.2	0.14	0	17.4	0	0	0	8
8	11	0	0	0	17.1	0.2	0.14	0	17.1	0	0	0	8
8	11	1	0	0	17.2	0.2	0.14	0	17.2	0	0	0	8
8	11	2	0	0	17.2	0.2	0.14	0	17.2	0	0	0	8

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
8	11	3	0	0	17.1	0.2	0.14	0	17.1	0	0	0	8
8	11	4	0	0	16.5	0.2	0.14	0	16.5	0	0	0	8
8	11	5	0	0	16.9	0.2	0.14	0	16.9	0	0	0	8
8	11	6	353	37	18.9	0.2	0.14	43.806	20.668	183.173	148.614	0.148614	8
8	11	7	617	67	21.8	0.3	0.14	235.248	31.672	1239.722	1167.726	1.167726	8
8	11	8	740	85	24.8	0.3	0.14	459.432	44.643	2590.101	2470.256	2.470256	8
8	11	9	802	102	27	0.3	0.14	669.925	55.883	3593.592	3438.189	3.438189	8
8	11	10	818	125	28.6	0.2	0.14	835.681	65.695	4257.865	4078.923	4.078923	8
8	11	11	738	189	29.7	0.2	0.14	917.177	70.34	4542.453	4353.428	4.353428	8
8	11	12	698	220	30.5	0.2	0.14	944.635	72.325	4621.705	4429.871	4.429871	8
8	11	13	367	396	31	0.2	0.14	777.04	65.343	3904.754	3738.325	3.738325	8
8	11	14	525	286	30.9	0.2	0.14	781.535	65.511	3952.863	3784.73	3.78473	8
8	11	15	434	273	31.2	0.1	0.14	620.934	59.641	3235.759	3093.036	3.093036	8
8	11	16	307	219	31	0.1	0.14	401.461	49.428	2187.671	2082.085	2.082085	8
8	11	17	362	127	28.8	0.2	0.14	262.069	40.389	1439.271	1360.204	1.360204	8
8	11	18	328	64	27.2	0.2	0.14	104.693	31.6	485.528	440.256	0.440256	8
8	11	19	51	10	24.7	0.6	0.14	9.698	25.03	32.475	3.257	0.003257	8
8	11	20	0	0	23.5	0.6	0.14	0	23.5	0	0	0	8
8	11	21	0	0	22.8	0.5	0.14	0	22.8	0	0	0	8
8	11	22	0	0	22.2	0.5	0.14	0	22.2	0	0	0	8
8	11	23	0	0	21.8	0.5	0.14	0	21.8	0	0	0	8
8	12	0	0	0	21.4	0.4	0.14	0	21.4	0	0	0	8
8	12	1	0	0	21	0.3	0.14	0	21	0	0	0	8
8	12	2	0	0	20.6	0.2	0.14	0	20.6	0	0	0	8
8	12	3	0	0	20.1	0.1	0.14	0	20.1	0	0	0	8
8	12	4	0	0	19.6	0.1	0.14	0	19.6	0	0	0	8
8	12	5	0	0	19.7	0.2	0.14	0	19.7	0	0	0	8
8	12	6	242	40	21	0.2	0.14	41.712	22.734	186.934	152.242	0.152242	8
8	12	7	56	104	23.2	0.2	0.14	113.92	28.244	641.454	590.657	0.590657	8
8	12	8	29	185	26.1	0.2	0.14	193.293	34.679	1090.78	1024.061	1.024061	8
8	12	9	31	247	28.6	0.3	0.14	263.608	39.904	1454.084	1374.492	1.374492	8
8	12	10	49	336	29.9	0.3	0.14	375.576	45.972	2024.957	1925.137	1.925137	8
8	12	11	98	402	30.6	0.3	0.14	497.174	51.86	2623.168	2502.151	2.502151	8
8	12	12	28	314	31.1	0.4	0.14	341.574	45.25	1828.324	1735.471	1.735471	8
8	12	13	51	376	31.2	0.4	0.14	427.23	48.907	2268.553	2160.101	2.160101	8
8	12	14	77	374	30.7	0.5	0.14	443.215	48.559	2370.032	2257.984	2.257984	8
8	12	15	21	255	29.7	0.4	0.14	261.744	40.575	1432.657	1353.824	1.353824	8
8	12	16	0	88	28.8	0.4	0.14	83.53	32.279	456.656	412.407	0.412407	8
8	12	17	56	133	27.6	0.3	0.14	148.1	33.971	829.963	772.486	0.772486	8
8	12	18	344	65	26.8	0.2	0.14	107.069	31.291	494.758	449.159	0.449159	8
8	12	19	16	6	23.8	0.2	0.14	5.819	24.023	19.05	0	0	8
8	12	20	0	0	23.3	0.2	0.14	0	23.3	0	0	0	8
8	12	21	0	0	23.1	0.2	0.14	0	23.1	0	0	0	8

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
8	12	22	0	0	23.2	0.2	0.14	0	23.2	0	0	0	8
8	12	23	0	0	22.9	0.2	0.14	0	22.9	0	0	0	8
8	13	0	0	0	22.4	0.2	0.14	0	22.4	0	0	0	8
8	13	1	0	0	22.2	0.2	0.14	0	22.2	0	0	0	8
8	13	2	0	0	22.4	0.2	0.14	0	22.4	0	0	0	8
8	13	3	0	0	22.6	0.2	0.14	0	22.6	0	0	0	8
8	13	4	0	0	22.6	0.2	0.14	0	22.6	0	0	0	8
8	13	5	0	0	22.7	0.2	0.14	0	22.7	0	0	0	8
8	13	6	64	30	23.4	0.2	0.14	28.389	24.623	138.117	105.155	0.105155	8
8	13	7	37	69	24.3	0.3	0.14	75.816	27.554	420.795	377.817	0.377817	8
8	13	8	0	47	25.5	0.3	0.14	44.531	27.415	243.088	206.406	0.206406	8
8	13	9	1	135	26.8	0.3	0.14	129.367	32.345	716.107	662.665	0.662665	8
8	13	10	38	293	28.3	0.4	0.14	322.524	41.688	1763.092	1672.551	1.672551	8
8	13	11	99	418	29.6	0.4	0.14	515.017	50.964	2729.656	2604.865	2.604865	8
8	13	12	329	397	30.1	0.4	0.14	747.983	61.17	3825.26	3661.648	3.661648	8
8	13	13	81	414	30	0.4	0.14	496.36	50.579	2628.615	2507.405	2.507405	8
8	13	14	362	351	29.8	0.4	0.14	693.006	58.627	3601.603	3445.916	3.445916	8
8	13	15	154	321	29.8	0.4	0.14	442.048	48.195	2391.133	2278.337	2.278337	8
8	13	16	426	176	29.7	0.4	0.14	432.123	47.773	2385.035	2272.456	2.272456	8
8	13	17	606	90	28.7	0.3	0.14	316.465	42.231	1719.887	1630.877	1.630877	8
8	13	18	389	61	28	0.3	0.14	108.62	32.378	487.458	442.117	0.442117	8
8	13	19	27	8	25.8	0.2	0.14	7.759	26.097	25.513	0	0	8
8	13	20	0	0	24.8	0.3	0.14	0	24.8	0	0	0	8
8	13	21	0	0	23.7	0.2	0.14	0	23.7	0	0	0	8
8	13	22	0	0	22.7	0.2	0.14	0	22.7	0	0	0	8
8	13	23	0	0	22.1	0.2	0.14	0	22.1	0	0	0	8
8	14	0	0	0	21.6	0.2	0.14	0	21.6	0	0	0	8
8	14	1	0	0	21.2	0.2	0.14	0	21.2	0	0	0	8
8	14	2	0	0	20.8	0.1	0.14	0	20.8	0	0	0	8
8	14	3	0	0	20.3	0.1	0.14	0	20.3	0	0	0	8
8	14	4	0	0	19.7	0.1	0.14	0	19.7	0	0	0	8
8	14	5	0	0	20.1	0.1	0.14	0	20.1	0	0	0	8
8	14	6	255	41	21.8	0.1	0.14	42.56	23.625	189.333	154.556	0.154556	8
8	14	7	506	86	24.5	0.1	0.14	222.889	34.506	1173.129	1103.493	1.103493	8
8	14	8	45	170	27.4	0.1	0.14	186.734	35.963	1047.998	982.796	0.982796	8
8	14	9	165	290	29.3	0.2	0.14	405.511	47.271	2207.767	2101.469	2.101469	8
8	14	10	476	267	30.6	0.2	0.14	690.845	61.214	3569.162	3414.625	3.414625	8
8	14	11	385	363	31.5	0.2	0.14	749.177	64.632	3784.944	3622.76	3.62276	8
8	14	12	351	406	32.1	0.2	0.14	779.591	66.548	3893.102	3727.086	3.727086	8
8	14	13	342	400	32.2	0.2	0.14	757.049	65.658	3798.013	3635.366	3.635366	8
8	14	14	471	311	32.1	0.2	0.14	757.812	65.654	3827.271	3663.588	3.663588	8
8	14	15	369	283	31.8	0.2	0.14	574.159	57.257	3018.843	2883.805	2.883805	8
8	14	16	603	156	30.9	0.2	0.14	517.308	53.932	2798.474	2671.245	2.671245	8

Month	Day	Hour	Beam Irradiance (W/m ²)	Diffuse Irradiance (W/m ²)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m ²)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
8	14	17	495	121	29.4	0.2	0.14	303.175	42.789	1647.563	1561.116	1.561116	8
8	14	18	73	53	28.5	0.2	0.14	59.409	31.086	301.515	262.763	0.262763	8
8	14	19	23	7	26.4	0.6	0.14	6.789	26.631	22.091	0	0	8
8	14	20	0	0	26.2	0.6	0.14	0	26.2	0	0	0	8
8	14	21	0	0	26	0.5	0.14	0	26	0	0	0	8
8	14	22	0	0	25.5	0.5	0.14	0	25.5	0	0	0	8
8	14	23	0	0	24.6	0.5	0.14	0	24.6	0	0	0	8
8	15	0	0	0	23.5	0.7	0.14	0	23.5	0	0	0	8
8	15	1	0	0	22.5	0.7	0.14	0	22.5	0	0	0	8
8	15	2	0	0	21.8	0.6	0.14	0	21.8	0	0	0	8
8	15	3	0	0	21.2	0.5	0.14	0	21.2	0	0	0	8
8	15	4	0	0	20.6	0.3	0.14	0	20.6	0	0	0	8
8	15	5	0	0	21	0.2	0.14	0	21	0	0	0	8
8	15	6	270	38	22.6	0.2	0.14	40.206	24.256	173.97	139.738	0.139738	8
8	15	7	556	75	24.9	0.2	0.14	225.405	34.673	1176.542	1106.785	1.106785	8
8	15	8	694	99	27	0.3	0.14	449.814	46.425	2514.503	2397.336	2.397336	8
8	15	9	761	121	28.4	0.3	0.14	660.808	56.888	3527.928	3374.852	3.374852	8
8	15	10	777	147	29.3	0.3	0.14	823.696	64.732	4214.119	4036.728	4.036728	8
8	15	11	298	300	30	0.4	0.14	600.528	54.966	3160.656	3020.593	3.020593	8
8	15	12	447	330	30.3	0.4	0.14	805.59	63.793	4085.157	3912.336	3.912336	8
8	15	13	477	323	30.3	0.4	0.14	818.28	64.332	4144.427	3969.505	3.969505	8
8	15	14	486	266	30.1	0.4	0.14	724.998	60.29	3755.298	3594.164	3.594164	8
8	15	15	147	289	29.8	0.3	0.14	404.161	47.14	2192.991	2087.216	2.087216	8
8	15	16	265	214	29.3	0.3	0.14	370.745	45.268	2052.733	1951.929	1.951929	8
8	15	17	495	118	27.8	0.2	0.14	299.318	41.016	1636.873	1550.804	1.550804	8
8	15	18	307	71	26.7	0.2	0.14	105.434	31.147	495.509	449.884	0.449884	8
8	15	19	22	7	22.7	0.2	0.14	6.789	22.96	22.547	0	0	8
8	15	20	0	0	21.8	0.3	0.14	0	21.8	0	0	0	8
8	15	21	0	0	21.3	0.5	0.14	0	21.3	0	0	0	8
8	15	22	0	0	21	0.6	0.14	0	21	0	0	0	8
8	15	23	0	0	20.6	0.6	0.14	0	20.6	0	0	0	8
8	16	0	0	0	20.2	0.6	0.14	0	20.2	0	0	0	8
8	16	1	0	0	19.8	0.5	0.14	0	19.8	0	0	0	8
8	16	2	0	0	19.9	0.6	0.14	0	19.9	0	0	0	8
8	16	3	0	0	20	0.7	0.14	0	20	0	0	0	8
8	16	4	0	0	19.5	0.7	0.14	0	19.5	0	0	0	8
8	16	5	0	0	19.5	0.5	0.14	0	19.5	0	0	0	8
8	16	6	210	42	21.2	0.2	0.14	41.649	22.945	190.897	156.064	0.156064	8
8	16	7	492	86	24.1	0.1	0.14	218.702	33.918	1153.301	1084.367	1.084367	8
8	16	8	645	113	26.9	0.2	0.14	439.612	46.485	2453.928	2338.907	2.338907	8
8	16	9	735	129	28.5	0.2	0.14	651.928	57.498	3469.867	3318.848	3.318848	8
8	16	10	710	168	29.2	0.2	0.14	791.191	64.308	4052.392	3880.732	3.880732	8
8	16	11	803	146	29.9	0.2	0.14	930.376	71.147	4598.988	4407.96	4.40796	8

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
8	16	12	622	255	31.2	0.2	0.14	904.968	71.26	4448.116	4262.434	4.262434	8
8	16	13	370	370	31.8	0.2	0.14	753.228	65.101	3793.182	3630.706	3.630706	8
8	16	14	763	155	31.5	0.2	0.14	858.447	69.578	4285.228	4105.318	4.105318	8
8	16	15	272	268	30.7	0.2	0.14	484.31	52.166	2592.956	2473.01	2.47301	8
8	16	16	408	189	29.7	0.2	0.14	432.949	48.961	2377.424	2265.115	2.265115	8
8	16	17	486	107	28.6	0.2	0.14	284.33	41.149	1549.191	1466.229	1.466229	8
8	16	18	346	57	28	0.2	0.14	96.72	32.019	431.59	388.229	0.388229	8
8	16	19	29	5	25.3	0.7	0.14	4.849	25.46	15.584	0	0	8
8	16	20	0	0	24	0.7	0.14	0	24	0	0	0	8
8	16	21	0	0	22.9	0.5	0.14	0	22.9	0	0	0	8
8	16	22	0	0	22.2	0.4	0.14	0	22.2	0	0	0	8
8	16	23	0	0	21.9	0.4	0.14	0	21.9	0	0	0	8
8	17	0	0	0	21.6	0.4	0.14	0	21.6	0	0	0	8
8	17	1	0	0	21.3	0.4	0.14	0	21.3	0	0	0	8
8	17	2	0	0	21.1	0.5	0.14	0	21.1	0	0	0	8
8	17	3	0	0	21	0.5	0.14	0	21	0	0	0	8
8	17	4	0	0	20.8	0.5	0.14	0	20.8	0	0	0	8
8	17	5	0	0	21	0.3	0.14	0	21	0	0	0	8
8	17	6	16	35	22	0.1	0.14	32.52	23.46	165.494	131.562	0.131562	8
8	17	7	117	115	22.8	0.2	0.14	141.736	29.055	792.239	736.099	0.736099	8
8	17	8	116	205	24.2	0.3	0.14	259.725	35.383	1482.081	1401.497	1.401497	8
8	17	9	295	273	26	0.3	0.14	484.537	46.835	2664.407	2541.928	2.541928	8
8	17	10	758	146	27.5	0.4	0.14	806.479	61.154	4193.688	4017.021	4.017021	8
8	17	11	332	388	29.1	0.4	0.14	725.416	59.252	3749.84	3588.9	3.5889	8
8	17	12	82	366	30.3	0.3	0.14	449.909	49.531	2389.205	2276.478	2.276478	8
8	17	13	22	218	30.9	0.3	0.14	237.537	41.048	1281.495	1208.019	1.208019	8
8	17	14	82	369	31	0.3	0.14	443.288	49.969	2358.523	2246.883	2.246883	8
8	17	15	266	313	30.6	0.2	0.14	525.648	53.892	2794.825	2667.725	2.667725	8
8	17	16	358	212	29.5	0.2	0.14	421.85	48.261	2319.201	2208.955	2.208955	8
8	17	17	239	137	27.7	0.2	0.14	221.31	37.493	1226.385	1154.862	1.154862	8
8	17	18	338	58	26.7	0.1	0.14	95.79	30.815	430.653	387.326	0.387326	8
8	17	19	14	4	24.6	0.2	0.13	0	24.6	0	0	0	8
8	17	20	0	0	24.1	0.2	0.13	0	24.1	0	0	0	8
8	17	21	0	0	23.7	0.2	0.13	0	23.7	0	0	0	8
8	17	22	0	0	23.5	0.2	0.13	0	23.5	0	0	0	8
8	17	23	0	0	23.4	0.2	0.13	0	23.4	0	0	0	8
8	18	0	0	0	23.2	0.2	0.13	0	23.2	0	0	0	8
8	18	1	0	0	22.9	0.2	0.13	0	22.9	0	0	0	8
8	18	2	0	0	22.7	0.2	0.13	0	22.7	0	0	0	8
8	18	3	0	0	22.5	0.1	0.13	0	22.5	0	0	0	8
8	18	4	0	0	22.4	0.1	0.13	0	22.4	0	0	0	8
8	18	5	0	0	22.5	0.1	0.13	0	22.5	0	0	0	8
8	18	6	162	38	23.5	0.2	0.13	36.472	25.034	166.435	132.47	0.13247	8

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
8	18	7	254	106	25.3	0.2	0.13	170.902	32.79	923.694	862.896	0.862896	8
8	18	8	486	146	28	0.3	0.13	391.256	44.884	2188.573	2082.955	2.082955	8
8	18	9	344	265	30.2	0.3	0.13	510.392	52.155	2749.876	2624.369	2.624369	8
8	18	10	518	263	31.7	0.3	0.13	722.874	62.756	3714.328	3554.647	3.554647	8
8	18	11	399	362	32.8	0.3	0.13	770.134	65.814	3872.846	3707.548	3.707548	8
8	18	12	264	433	33.5	0.3	0.13	721.818	64.397	3633.182	3476.376	3.476376	8
8	18	13	359	379	33.8	0.4	0.13	751.773	65.047	3786.766	3624.518	3.624518	8
8	18	14	396	329	33.7	0.4	0.13	707.772	63.156	3611.452	3455.416	3.455416	8
8	18	15	698	159	33	0.4	0.13	705.783	62.482	3661.233	3503.433	3.503433	8
8	18	16	596	150	31.7	0.3	0.13	503.368	53.427	2731.019	2606.18	2.60618	8
8	18	17	460	121	29.5	0.2	0.13	286.637	42.153	1556.406	1473.188	1.473188	8
8	18	18	169	64	28.1	0.2	0.13	79.943	31.522	388.213	346.389	0.346389	8
8	18	19	5	3	25.8	0.3	0.14	0	25.8	0	0	0	8
8	18	20	0	0	25.2	0.2	0.14	0	25.2	0	0	0	8
8	18	21	0	0	24.6	0.2	0.14	0	24.6	0	0	0	8
8	18	22	0	0	23.6	0.1	0.14	0	23.6	0	0	0	8
8	18	23	0	0	22.9	0.2	0.14	0	22.9	0	0	0	8
8	19	0	0	0	22.5	0.1	0.14	0	22.5	0	0	0	8
8	19	1	0	0	22.2	0.1	0.14	0	22.2	0	0	0	8
8	19	2	0	0	21.9	0.1	0.14	0	21.9	0	0	0	8
8	19	3	0	0	21.6	0.1	0.14	0	21.6	0	0	0	8
8	19	4	0	0	21.2	0.1	0.14	0	21.2	0	0	0	8
8	19	5	0	0	21.4	0.1	0.14	0	21.4	0	0	0	8
8	19	6	165	39	22.9	0.2	0.14	37.331	24.468	170.321	136.218	0.136218	8
8	19	7	437	92	25.6	0.2	0.14	207.744	34.642	1095.269	1028.391	1.028391	8
8	19	8	585	129	28.6	0.2	0.14	425.68	47.561	2361.883	2250.124	2.250124	8
8	19	9	667	155	30.8	0.2	0.14	631.669	58.89	3337.697	3191.361	3.191361	8
8	19	10	720	170	32.3	0.2	0.14	801.87	67.886	4042.287	3870.984	3.870984	8
8	19	11	755	176	33.5	0.2	0.14	915.59	74.085	4462.138	4275.959	4.275959	8
8	19	12	614	257	34.3	0.2	0.14	898.889	74.094	4361.222	4178.618	4.178618	8
8	19	13	614	246	34.8	0.2	0.14	874.553	73.527	4259.452	4080.455	4.080455	8
8	19	14	799	136	34.9	0.2	0.14	868.731	73.447	4263.566	4084.423	4.084423	8
8	19	15	750	131	34.7	0.2	0.14	713.655	66.42	3641.512	3484.411	3.484411	8
8	19	16	360	192	33.9	0.2	0.14	401.839	51.776	2175.682	2070.521	2.070521	8
8	19	17	514	101	32.2	0.2	0.14	287.224	44.865	1535.333	1452.862	1.452862	8
8	19	18	325	58	31	0.2	0.14	92.497	34.847	407.483	364.976	0.364976	8
8	19	19	4	2	27.7	0.3	0.13	0	27.7	0	0	0	8
8	19	20	0	0	26.7	0.2	0.13	0	26.7	0	0	0	8
8	19	21	0	0	26	0.2	0.13	0	26	0	0	0	8
8	19	22	0	0	25.5	0.2	0.13	0	25.5	0	0	0	8
8	19	23	0	0	25.2	0.2	0.13	0	25.2	0	0	0	8
8	20	0	0	0	24.9	0.2	0.13	0	24.9	0	0	0	8
8	20	1	0	0	24.6	0.2	0.13	0	24.6	0	0	0	8

Month	Day	Hour	Beam Irradiance (W/m ²)	Diffuse Irradiance (W/m ²)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m ²)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
8	20	2	0	0	24.3	0.2	0.13	0	24.3	0	0	0	8
8	20	3	0	0	23.9	0.2	0.13	0	23.9	0	0	0	8
8	20	4	0	0	23.7	0.1	0.13	0	23.7	0	0	0	8
8	20	5	0	0	23.9	0.1	0.13	0	23.9	0	0	0	8
8	20	6	56	28	25.5	0.1	0.13	26.863	26.685	125.667	93.146	0.093146	8
8	20	7	394	91	28.1	0.2	0.13	195.144	36.601	1021.021	956.775	0.956775	8
8	20	8	540	120	30.7	0.2	0.13	394.306	48.264	2177.469	2072.244	2.072244	8
8	20	9	429	231	32.4	0.2	0.13	540.934	56.426	2870.553	2740.77	2.74077	8
8	20	10	570	231	33.4	0.2	0.13	737.016	66.085	3736.31	3575.85	3.57585	8
8	20	11	44	259	34	0.3	0.13	299.468	46.805	1593.019	1508.504	1.508504	8
8	20	12	63	349	34.2	0.3	0.13	413.637	51.879	2169.122	2064.194	2.064194	8
8	20	13	16	186	34.1	0.3	0.13	199.446	42.622	1061.813	996.12	0.99612	8
8	20	14	144	281	33.6	0.4	0.13	416.251	50.901	2212.368	2105.907	2.105907	8
8	20	15	0	44	32.6	0.3	0.13	41.733	34.387	216.507	180.767	0.180767	8
8	20	16	0	28	31.2	0.3	0.13	26.51	32.339	137.229	104.298	0.104298	8
8	20	17	15	77	29.4	0.2	0.13	79.107	32.915	435.026	391.544	0.391544	8
8	20	18	31	56	28.3	0.1	0.13	55.987	30.839	292.761	254.319	0.254319	8
8	20	19	5	2	25.2	0.1	0.13	0	25.2	0	0	0	8
8	20	20	0	0	24.2	0.2	0.13	0	24.2	0	0	0	8
8	20	21	0	0	23.5	0.2	0.13	0	23.5	0	0	0	8
8	20	22	0	0	23.1	0.2	0.13	0	23.1	0	0	0	8
8	20	23	0	0	23	0.3	0.13	0	23	0	0	0	8
8	21	0	0	0	22.9	0.3	0.13	0	22.9	0	0	0	8
8	21	1	0	0	22.8	0.3	0.13	0	22.8	0	0	0	8
8	21	2	0	0	22.8	0.3	0.13	0	22.8	0	0	0	8
8	21	3	0	0	22.7	0.3	0.13	0	22.7	0	0	0	8
8	21	4	0	0	22.6	0.3	0.13	0	22.6	0	0	0	8
8	21	5	0	0	22.6	0.3	0.13	0	22.6	0	0	0	8
8	21	6	249	35	23	0.3	0.13	35.753	24.417	150.7	117.292	0.117292	8
8	21	7	549	72	23.9	0.4	0.13	219.149	32.824	1147.412	1078.686	1.078686	8
8	21	8	704	93	25.4	0.3	0.13	447.584	44.733	2521.614	2404.196	2.404196	8
8	21	9	25	234	27.4	0.4	0.13	242.723	37.5	1350.548	1274.625	1.274625	8
8	21	10	244	341	29.3	0.4	0.13	563.601	52.75	3001.456	2867.035	2.867035	8
8	21	11	185	414	30.7	0.4	0.13	604.112	55.787	3155.764	3015.874	3.015874	8
8	21	12	294	418	31.8	0.4	0.13	736.549	62.395	3746.043	3585.238	3.585238	8
8	21	13	366	382	32.4	0.4	0.13	761.78	64.067	3856.261	3691.55	3.69155	8
8	21	14	798	141	32.5	0.3	0.13	871.177	69.966	4346.896	4164.8	4.1648	8
8	21	15	765	127	32.1	0.3	0.13	718.435	63.053	3725.204	3565.137	3.565137	8
8	21	16	656	123	31.3	0.3	0.13	507.085	53.201	2760.632	2634.744	2.634744	8
8	21	17	530	98	29.6	0.2	0.13	287.479	42.267	1550.233	1467.234	1.467234	8
8	21	18	299	59	28.5	0.2	0.13	88.709	32.199	398.001	355.83	0.35583	8
8	21	19	4	2	26.6	0.5	0.13	0	26.6	0	0	0	8
8	21	20	0	0	26.3	0.5	0.13	0	26.3	0	0	0	8

Month	Day	Hour	Beam Irradiance (W/m ²)	Diffuse Irradiance (W/m ²)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m ²)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
8	21	21	0	0	25	0.5	0.13	0	25	0	0	0	8
8	21	22	0	0	24	0.2	0.13	0	24	0	0	0	8
8	21	23	0	0	23.8	0.1	0.13	0	23.8	0	0	0	8
8	22	0	0	0	23.7	0.1	0.13	0	23.7	0	0	0	8
8	22	1	0	0	23.6	0.1	0.13	0	23.6	0	0	0	8
8	22	2	0	0	23.6	0.2	0.13	0	23.6	0	0	0	8
8	22	3	0	0	23.4	0.2	0.13	0	23.4	0	0	0	8
8	22	4	0	0	23.1	0.2	0.13	0	23.1	0	0	0	8
8	22	5	0	0	22.9	0.1	0.13	0	22.9	0	0	0	8
8	22	6	9	31	23.1	0.2	0.13	28.639	24.33	138.516	105.539	0.105539	8
8	22	7	17	50	24.3	0.2	0.13	52.309	26.62	288.226	249.945	0.249945	8
8	22	8	11	135	26	0.3	0.13	134.11	31.77	756.261	701.396	0.701396	8
8	22	9	35	221	27.7	0.2	0.13	241.426	38.389	1339.344	1263.818	1.263818	8
8	22	10	10	188	29.2	0.2	0.13	188.9	37.54	1031.742	967.116	0.967116	8
8	22	11	10	217	30	0.3	0.13	218.583	39.34	1185.072	1115.012	1.115012	8
8	22	12	83	406	30.2	0.4	0.13	493.571	50.668	2614.356	2493.651	2.493651	8
8	22	13	4	149	29.7	0.4	0.13	146.552	35.772	793.198	737.024	0.737024	8
8	22	14	68	326	28.5	0.4	0.13	386.701	44.556	2100.418	1997.924	1.997924	8
8	22	15	146	309	27.3	0.4	0.13	423.713	44.941	2326.093	2215.603	2.215603	8
8	22	16	10	149	26.4	0.3	0.13	147.957	32.759	830.449	772.955	0.772955	8
8	22	17	143	131	25.5	0.3	0.13	177.675	33.127	998.458	935.011	0.935011	8
8	22	18	55	46	25	0.2	0.13	49.349	27.146	252.145	215.143	0.215143	8
8	22	19	2	1	23.7	0.2	0.13	0	23.7	0	0	0	8
8	22	20	0	0	23.2	0.2	0.13	0	23.2	0	0	0	8
8	22	21	0	0	22.8	0.2	0.13	0	22.8	0	0	0	8
8	22	22	0	0	22.3	0.2	0.13	0	22.3	0	0	0	8
8	22	23	0	0	21.8	0.2	0.13	0	21.8	0	0	0	8
8	23	0	0	0	21.2	0.3	0.13	0	21.2	0	0	0	8
8	23	1	0	0	20.5	0.3	0.13	0	20.5	0	0	0	8
8	23	2	0	0	19.9	0.3	0.13	0	19.9	0	0	0	8
8	23	3	0	0	19.3	0.4	0.13	0	19.3	0	0	0	8
8	23	4	0	0	18.7	0.3	0.13	0	18.7	0	0	0	8
8	23	5	0	0	18.3	0.3	0.13	0	18.3	0	0	0	8
8	23	6	0	4	18.3	0.4	0.13	3.772	18.452	16.8	0	0	8
8	23	7	0	40	19	0.4	0.13	37.849	20.583	213.71	178.069	0.178069	8
8	23	8	92	185	20.5	0.4	0.13	225.415	29.917	1310.449	1235.947	1.235947	8
8	23	9	69	266	22.3	0.4	0.13	310.67	35.237	1763.217	1672.671	1.672671	8
8	23	10	131	359	23.5	0.4	0.13	479.121	43.417	2638.846	2517.273	2.517273	8
8	23	11	127	404	24.1	0.4	0.13	539.002	46.474	2921.479	2789.891	2.789891	8
8	23	12	203	435	24.3	0.4	0.13	654.186	51.458	3480.652	3329.251	3.329251	8
8	23	13	239	420	24.3	0.4	0.13	668.337	52.061	3554.322	3400.31	3.40031	8
8	23	14	30	295	24.1	0.4	0.13	320.979	37.42	1784.252	1692.961	1.692961	8
8	23	15	99	308	23.7	0.4	0.13	380.836	39.549	2129.907	2026.368	2.026368	8

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
8	23	16	187	226	23	0.4	0.13	331.577	36.853	1895.75	1800.508	1.800508	8
8	23	17	58	104	21.9	0.3	0.13	119.947	27.057	685.237	632.888	0.632888	8
8	23	18	331	48	21.2	0.2	0.13	80.289	24.49	353.069	312.49	0.31249	8
8	23	19	0	0	18.1	0.2	0.14	0	18.1	0	0	0	8
8	23	20	0	0	17.4	0.2	0.14	0	17.4	0	0	0	8
8	23	21	0	0	16.9	0.2	0.14	0	16.9	0	0	0	8
8	23	22	0	0	16.4	0.2	0.14	0	16.4	0	0	0	8
8	23	23	0	0	15.9	0.2	0.14	0	15.9	0	0	0	8
8	24	0	0	0	15.2	0.2	0.14	0	15.2	0	0	0	8
8	24	1	0	0	14.6	0.2	0.14	0	14.6	0	0	0	8
8	24	2	0	0	14.1	0.2	0.14	0	14.1	0	0	0	8
8	24	3	0	0	13.7	0.2	0.14	0	13.7	0	0	0	8
8	24	4	0	0	13.3	0.2	0.14	0	13.3	0	0	0	8
8	24	5	0	0	13.3	0.2	0.14	0	13.3	0	0	0	8
8	24	6	298	31	14.7	0.3	0.14	33.822	16.002	137.112	104.185	0.104185	8
8	24	7	632	63	17.8	0.4	0.14	231.576	27.2	1230.45	1158.783	1.158783	8
8	24	8	781	81	20.9	0.5	0.14	472.826	40.14	2720.224	2595.768	2.595768	8
8	24	9	863	90	23	0.5	0.14	695.357	51.258	3816.074	3652.787	3.652787	8
8	24	10	908	96	24.4	0.5	0.14	875.63	59.908	4590.284	4399.564	4.399564	8
8	24	11	920	107	25.5	0.5	0.14	992.469	65.693	5038.243	4831.65	4.83165	8
8	24	12	860	145	26.4	0.5	0.14	1011.758	67.342	5082.034	4873.889	4.873889	8
8	24	13	687	236	26.9	0.5	0.14	933.422	64.647	4740.514	4544.471	4.544471	8
8	24	14	569	257	27.1	0.5	0.14	786.219	58.911	4108.581	3934.929	3.934929	8
8	24	15	791	124	26.7	0.5	0.14	731.273	56.382	3908.766	3742.195	3.742195	8
8	24	16	805	85	25.9	0.4	0.14	547.498	48.858	3050.232	2914.083	2.914083	8
8	24	17	686	71	24	0.3	0.14	310.215	37.209	1695.287	1607.148	1.607148	8
8	24	18	446	44	22.7	0.2	0.14	88.374	26.235	363.625	322.672	0.322672	8
8	24	19	0	0	19	0.2	0.14	0	19	0	0	0	8
8	24	20	0	0	18.6	0.2	0.14	0	18.6	0	0	0	8
8	24	21	0	0	18	0.2	0.14	0	18	0	0	0	8
8	24	22	0	0	17.4	0.2	0.14	0	17.4	0	0	0	8
8	24	23	0	0	16.7	0.2	0.14	0	16.7	0	0	0	8
8	25	0	0	0	16.1	0.2	0.14	0	16.1	0	0	0	8
8	25	1	0	0	15.8	0.2	0.14	0	15.8	0	0	0	8
8	25	2	0	0	15.4	0.2	0.14	0	15.4	0	0	0	8
8	25	3	0	0	15	0.2	0.14	0	15	0	0	0	8
8	25	4	0	0	14.5	0.2	0.14	0	14.5	0	0	0	8
8	25	5	0	0	14.3	0.2	0.14	0	14.3	0	0	0	8
8	25	6	7	24	15.4	0.3	0.14	22.576	16.324	106.13	74.301	0.074301	8
8	25	7	191	102	18	0.4	0.14	150.387	24.208	844.094	786.116	0.786116	8
8	25	8	638	107	21.4	0.4	0.14	429.15	39.379	2468.504	2352.967	2.352967	8
8	25	9	697	145	24.3	0.5	0.14	641.98	50.371	3525.729	3372.731	3.372731	8
8	25	10	783	150	26.3	0.5	0.14	831.16	59.987	4348.876	4166.71	4.16671	8

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
8	25	11	520	310	27.7	0.5	0.14	833.023	61.367	4288.083	4108.072	4.108072	8
8	25	12	565	306	28.7	0.4	0.14	897.926	66.066	4518.825	4330.637	4.330637	8
8	25	13	619	269	29.4	0.4	0.14	900.615	66.899	4524.367	4335.982	4.335982	8
8	25	14	772	162	29.6	0.4	0.14	866.324	65.742	4407.255	4223.02	4.22302	8
8	25	15	788	122	29.4	0.4	0.14	725.565	59.734	3822.678	3659.157	3.659157	8
8	25	16	457	175	28.5	0.4	0.14	440.279	46.932	2448.377	2333.554	2.333554	8
8	25	17	487	97	26.5	0.3	0.14	264.94	37.802	1446.952	1367.612	1.367612	8
8	25	18	236	49	25	0.2	0.14	69.727	27.904	314.291	275.087	0.275087	8
8	25	19	0	0	22.5	0.2	0.14	0	22.5	0	0	0	8
8	25	20	0	0	22.1	0.2	0.14	0	22.1	0	0	0	8
8	25	21	0	0	21.1	0.2	0.14	0	21.1	0	0	0	8
8	25	22	0	0	20.3	0.2	0.14	0	20.3	0	0	0	8
8	25	23	0	0	19.8	0.2	0.14	0	19.8	0	0	0	8
8	26	0	0	0	19.4	0.2	0.14	0	19.4	0	0	0	8
8	26	1	0	0	19.2	0.2	0.14	0	19.2	0	0	0	8
8	26	2	0	0	19	0.2	0.14	0	19	0	0	0	8
8	26	3	0	0	19	0.2	0.14	0	19	0	0	0	8
8	26	4	0	0	18.9	0.3	0.14	0	18.9	0	0	0	8
8	26	5	0	0	18.9	0.3	0.14	0	18.9	0	0	0	8
8	26	6	0	11	19.2	0.4	0.14	10.391	19.61	45.271	15.599	0.015599	8
8	26	7	0	50	19.5	0.4	0.14	47.359	21.48	268.968	231.369	0.231369	8
8	26	8	0	45	19.7	0.4	0.14	42.626	21.479	239.147	202.605	0.202605	8
8	26	9	0	78	20.2	0.5	0.14	74.038	23.19	417.301	374.446	0.374446	8
8	26	10	0	104	20.9	0.5	0.14	98.979	24.888	555.739	507.979	0.507979	8
8	26	11	2	126	21.7	0.6	0.14	122.26	26.481	684.5	632.177	0.632177	8
8	26	12	2	125	22.3	0.6	0.14	121.467	27.048	676.946	624.891	0.624891	8
8	26	13	3	146	22.7	0.5	0.14	142.715	28.442	796.659	740.362	0.740362	8
8	26	14	2	128	23.1	0.5	0.14	123.966	28.093	691.839	639.256	0.639256	8
8	26	15	1	87	23	0.5	0.14	83.372	26.365	464.473	419.947	0.419947	8
8	26	16	0	47	22.5	0.5	0.14	44.537	24.303	246.176	209.385	0.209385	8
8	26	17	0	26	22.1	0.5	0.14	24.592	23.098	134.418	101.587	0.101587	8
8	26	18	0	6	21.9	0.5	0.14	5.662	22.128	27.977	0	0	8
8	26	19	0	0	20.9	0.4	0.14	0	20.9	0	0	0	8
8	26	20	0	0	20.6	0.4	0.14	0	20.6	0	0	0	8
8	26	21	0	0	20.3	0.3	0.14	0	20.3	0	0	0	8
8	26	22	0	0	20	0.3	0.14	0	20	0	0	0	8
8	26	23	0	0	19.9	0.3	0.14	0	19.9	0	0	0	8
8	27	0	0	0	19.9	0.3	0.14	0	19.9	0	0	0	8
8	27	1	0	0	19.8	0.3	0.14	0	19.8	0	0	0	8
8	27	2	0	0	19.7	0.3	0.14	0	19.7	0	0	0	8
8	27	3	0	0	19.7	0.3	0.14	0	19.7	0	0	0	8
8	27	4	0	0	19.8	0.3	0.14	0	19.8	0	0	0	8
8	27	5	0	0	20	0.3	0.14	0	20	0	0	0	8

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
8	27	6	126	31	20.7	0.4	0.14	29.301	21.807	118.189	85.933	0.085933	8
8	27	7	110	29	22.2	0.5	0.14	58.65	24.534	308.36	269.366	0.269366	8
8	27	8	3	88	24.3	0.5	0.14	85.014	27.746	478.713	433.683	0.433683	8
8	27	9	44	239	25.9	0.6	0.14	266.638	36.375	1498.55	1417.383	1.417383	8
8	27	10	4	123	26.4	0.6	0.14	120.697	31.127	665.82	614.159	0.614159	8
8	27	11	2	126	26.4	0.6	0.14	122.26	31.181	670.951	619.108	0.619108	8
8	27	12	7	185	26.6	0.5	0.14	184.883	34.038	1017.562	953.438	0.953438	8
8	27	13	55	363	26.8	0.5	0.14	420.131	43.719	2285.774	2176.712	2.176712	8
8	27	14	133	317	27	0.4	0.14	444.126	45.46	2420.38	2306.548	2.306548	8
8	27	15	0	79	27.4	0.4	0.14	75.01	30.518	408.35	365.813	0.365813	8
8	27	16	23	111	27.1	0.3	0.14	120.383	32.278	673.643	621.705	0.621705	8
8	27	17	152	122	25.9	0.2	0.14	170.506	33.445	951.858	890.061	0.890061	8
8	27	18	48	48	25.1	0.2	0.14	49.526	27.253	252.502	215.487	0.215487	8
8	27	19	0	0	22.4	0.1	0.14	0	22.4	0	0	0	8
8	27	20	0	0	21.6	0.2	0.14	0	21.6	0	0	0	8
8	27	21	0	0	20.8	0.2	0.14	0	20.8	0	0	0	8
8	27	22	0	0	20.1	0.2	0.14	0	20.1	0	0	0	8
8	27	23	0	0	19.6	0.2	0.14	0	19.6	0	0	0	8
8	28	0	0	0	19.3	0.2	0.14	0	19.3	0	0	0	8
8	28	1	0	0	19	0.2	0.14	0	19	0	0	0	8
8	28	2	0	0	18.5	0.2	0.14	0	18.5	0	0	0	8
8	28	3	0	0	18	0.2	0.14	0	18	0	0	0	8
8	28	4	0	0	17.4	0.2	0.14	0	17.4	0	0	0	8
8	28	5	0	0	17	0.1	0.14	0	17	0	0	0	8
8	28	6	297	28	17.8	0.2	0.14	30.165	18.934	105.877	74.058	0.074058	8
8	28	7	642	57	19.7	0.2	0.14	227.234	29.494	1188.386	1118.209	1.118209	8
8	28	8	791	74	22.5	0.3	0.14	469.568	42.79	2673.171	2550.382	2.550382	8
8	28	9	866	86	25	0.4	0.14	692.253	53.981	3758.195	3596.959	3.596959	8
8	28	10	908	94	26.1	0.5	0.14	872.269	61.478	4544.305	4355.214	4.355214	8
8	28	11	933	98	26.7	0.5	0.14	993.364	66.938	5018.576	4812.68	4.81268	8
8	28	12	938	100	27	0.5	0.14	1039.107	69.071	5185.436	4973.627	4.973627	8
8	28	13	930	101	27.1	0.6	0.14	1011.47	66.905	5104.751	4895.801	4.895801	8
8	28	14	906	99	26.9	0.5	0.14	909.34	63.764	4679.06	4485.194	4.485194	8
8	28	15	863	93	26.4	0.5	0.14	742.717	56.566	3976.224	3807.263	3.807263	8
8	28	16	756	92	25.5	0.4	0.14	520.366	47.324	2917.703	2786.249	2.786249	8
8	28	17	670	67	23.6	0.3	0.14	293.595	36.078	1598.641	1513.927	1.513927	8
8	28	18	405	41	22.3	0.2	0.14	76.447	25.34	309.112	270.091	0.270091	8
8	28	19	0	0	18.3	0.2	0.14	0	18.3	0	0	0	8
8	28	20	0	0	17.5	0.2	0.14	0	17.5	0	0	0	8
8	28	21	0	0	16.8	0.2	0.14	0	16.8	0	0	0	8
8	28	22	0	0	16.3	0.2	0.14	0	16.3	0	0	0	8
8	28	23	0	0	15.7	0.2	0.14	0	15.7	0	0	0	8
8	29	0	0	0	15.2	0.2	0.14	0	15.2	0	0	0	8

Month	Day	Hour	Beam Irradiance (W/m ²)	Diffuse Irradiance (W/m ²)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m ²)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
8	29	1	0	0	14.8	0.2	0.14	0	14.8	0	0	0	8
8	29	2	0	0	14.4	0.2	0.14	0	14.4	0	0	0	8
8	29	3	0	0	13.9	0.2	0.14	0	13.9	0	0	0	8
8	29	4	0	0	13.5	0.2	0.14	0	13.5	0	0	0	8
8	29	5	0	0	13.7	0.1	0.14	0	13.7	0	0	0	8
8	29	6	271	27	15.7	0.2	0.14	28.535	16.751	96.833	65.334	0.065334	8
8	29	7	630	57	19.3	0.2	0.14	223.882	28.95	1172.867	1103.24	1.10324	8
8	29	8	784	73	22.8	0.3	0.14	464.865	42.887	2645.032	2523.24	2.52324	8
8	29	9	860	85	25.1	0.3	0.14	686.79	54.741	3716.93	3557.157	3.557157	8
8	29	10	897	94	26.5	0.4	0.14	862.615	62.535	4473.917	4287.321	4.287321	8
8	29	11	915	99	27.5	0.4	0.14	976.851	68.255	4907.356	4705.401	4.705401	8
8	29	12	913	104	28.3	0.4	0.14	1017.901	70.745	5042.551	4835.806	4.835806	8
8	29	13	699	205	28.8	0.4	0.14	909.524	66.698	4585.023	4394.49	4.39449	8
8	29	14	831	123	29.1	0.3	0.14	872.748	66.655	4430.586	4245.524	4.245524	8
8	29	15	818	101	28.9	0.3	0.14	719.52	59.925	3794.438	3631.918	3.631918	8
8	29	16	710	97	28.2	0.3	0.14	498.733	49.761	2765.101	2639.054	2.639054	8
8	29	17	617	70	26.2	0.2	0.14	277.389	38.364	1493.276	1412.295	1.412295	8
8	29	18	218	42	24.8	0.2	0.14	58.766	27.228	257.503	220.311	0.220311	8
8	29	19	0	0	22	0.2	0.14	0	22	0	0	0	8
8	29	20	0	0	22.1	0.2	0.14	0	22.1	0	0	0	8
8	29	21	0	0	21.6	0.2	0.14	0	21.6	0	0	0	8
8	29	22	0	0	20.9	0.2	0.14	0	20.9	0	0	0	8
8	29	23	0	0	20.3	0.2	0.14	0	20.3	0	0	0	8
8	30	0	0	0	20.2	0.2	0.14	0	20.2	0	0	0	8
8	30	1	0	0	20.5	0.2	0.14	0	20.5	0	0	0	8
8	30	2	0	0	20.7	0.2	0.14	0	20.7	0	0	0	8
8	30	3	0	0	20.7	0.2	0.14	0	20.7	0	0	0	8
8	30	4	0	0	20.4	0.2	0.14	0	20.4	0	0	0	8
8	30	5	0	0	20.3	0.2	0.14	0	20.3	0	0	0	8
8	30	6	42	25	20.9	0.2	0.14	23.101	21.782	81.611	50.652	0.050652	8
8	30	7	166	99	22.4	0.3	0.14	141.179	28.411	778.572	722.916	0.722916	8
8	30	8	511	134	24.5	0.3	0.14	391.367	41.396	2225.034	2118.124	2.118124	8
8	30	9	693	136	26.8	0.3	0.14	629.464	53.948	3407.764	3258.946	3.258946	8
8	30	10	752	148	28.8	0.3	0.14	801.937	63.315	4137.677	3962.994	3.962994	8
8	30	11	785	154	30	0.3	0.14	918.551	69.485	4583.707	4393.22	4.39322	8
8	30	12	382	347	30.5	0.3	0.14	759.028	63.037	3864.844	3699.829	3.699829	8
8	30	13	374	339	30.4	0.3	0.14	723.171	61.409	3712.664	3553.041	3.553041	8
8	30	14	168	338	30.3	0.3	0.14	496.996	51.604	2648.312	2526.404	2.526404	8
8	30	15	4	90	30	0.2	0.14	88.42	33.911	478.476	433.454	0.433454	8
8	30	16	15	87	29.5	0.1	0.14	92.335	33.734	507.732	461.673	0.461673	8
8	30	17	10	93	27.6	0.1	0.14	91.707	31.811	511.285	465.1	0.4651	8
8	30	18	0	19	25.9	0.1	0.14	17.963	26.715	90.757	59.473	0.059473	8
8	30	19	0	0	23.1	0.2	0.14	0	23.1	0	0	0	8

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
8	30	20	0	0	21.9	0.2	0.14	0	21.9	0	0	0	8
8	30	21	0	0	20.9	0.2	0.14	0	20.9	0	0	0	8
8	30	22	0	0	20.1	0.2	0.14	0	20.1	0	0	0	8
8	30	23	0	0	19.7	0.2	0.14	0	19.7	0	0	0	8
8	31	0	0	0	19.3	0.2	0.14	0	19.3	0	0	0	8
8	31	1	0	0	19.1	0.2	0.14	0	19.1	0	0	0	8
8	31	2	0	0	18.9	0.2	0.14	0	18.9	0	0	0	8
8	31	3	0	0	18.7	0.2	0.14	0	18.7	0	0	0	8
8	31	4	0	0	18.4	0.2	0.14	0	18.4	0	0	0	8
8	31	5	0	0	18.2	0.2	0.14	0	18.2	0	0	0	8
8	31	6	5	4	18.5	0.3	0.14	3.956	18.645	12.781	0	0	8
8	31	7	0	42	19.5	0.3	0.14	39.761	21.214	224.152	188.141	0.188141	8
8	31	8	12	121	21.4	0.4	0.14	121.317	26.466	698.15	645.343	0.645343	8
8	31	9	39	230	23.7	0.4	0.14	254.619	34.303	1442.072	1362.906	1.362906	8
8	31	10	82	333	25.6	0.4	0.14	404.461	42.411	2228.088	2121.07	2.12107	8
8	31	11	51	348	26.9	0.4	0.14	400.072	43.5	2179.159	2073.875	2.073875	8
8	31	12	319	392	27.3	0.4	0.14	735.068	57.853	3823.37	3659.824	3.659824	8
8	31	13	56	344	27.1	0.3	0.14	401.738	44.281	2180.304	2074.979	2.074979	8
8	31	14	28	265	26.5	0.3	0.14	289.26	38.88	1595.895	1511.279	1.511279	8
8	31	15	0	109	25.7	0.3	0.14	103.738	30.146	574.53	526.104	0.526104	8
8	31	16	2	120	24.8	0.3	0.14	115.536	29.768	651.587	600.431	0.600431	8
8	31	17	5	40	23.6	0.2	0.14	39.473	25.355	217.842	182.055	0.182055	8
8	31	18	0	13	23	0.2	0.14	12.28	23.539	61.475	31.229	0.031229	8
8	31	19	0	0	23.9	0.5	0.14	0	23.9	0	0	0	8
8	31	20	0	0	23.1	0.5	0.14	0	23.1	0	0	0	8
8	31	21	0	0	22.3	0.4	0.14	0	22.3	0	0	0	8
8	31	22	0	0	21.6	0.4	0.14	0	21.6	0	0	0	8
8	31	23	0	0	21.1	0.4	0.14	0	21.1	0	0	0	8
9	1	0	0	0	20.7	0.4	0.14	0	20.7	0	0	0	9
9	1	1	0	0	20.5	0.5	0.14	0	20.5	0	0	0	9
9	1	2	0	0	20.9	0.6	0.14	0	20.9	0	0	0	9
9	1	3	0	0	21.2	0.6	0.14	0	21.2	0	0	0	9
9	1	4	0	0	21	0.6	0.14	0	21	0	0	0	9
9	1	5	0	0	20.5	0.5	0.14	0	20.5	0	0	0	9
9	1	6	114	27	21.9	0.3	0.14	25.065	22.798	82.772	51.771	0.051771	9
9	1	7	406	86	24.6	0.1	0.14	192.552	33.243	1013.275	949.303	0.949303	9
9	1	8	574	123	26.6	0.2	0.14	413.417	45.02	2319.887	2209.616	2.209616	9
9	1	9	614	164	27.9	0.2	0.14	603.971	54.769	3253.017	3109.681	3.109681	9
9	1	10	265	317	28.9	0.2	0.14	559.002	53.657	2972.597	2839.198	2.839198	9
9	1	11	147	401	29.5	0.3	0.14	557.398	53.365	2940.882	2808.607	2.808607	9
9	1	12	226	417	29.9	0.3	0.14	659.425	58.137	3415.885	3266.778	3.266778	9
9	1	13	206	408	30.5	0.3	0.14	624.475	57.245	3247.627	3104.482	3.104482	9
9	1	14	93	347	30.4	0.3	0.14	431.891	48.9	2315.741	2205.617	2.205617	9

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
9	1	15	65	258	29.4	0.3	0.14	304.543	42.47	1674.193	1586.802	1.586802	9
9	1	16	40	136	28.5	0.2	0.14	154.317	35.354	863.091	804.44	0.80444	9
9	1	17	0	63	27.1	0.2	0.14	59.715	29.756	330.385	290.61	0.29061	9
9	1	18	0	27	26.1	0.1	0.14	25.561	27.256	129.539	96.881	0.096881	9
9	1	19	0	0	24.3	0.1	0.14	0	24.3	0	0	0	9
9	1	20	0	0	24.2	0.1	0.14	0	24.2	0	0	0	9
9	1	21	0	0	23.9	0.2	0.14	0	23.9	0	0	0	9
9	1	22	0	0	23.6	0.2	0.14	0	23.6	0	0	0	9
9	1	23	0	0	23.4	0.2	0.14	0	23.4	0	0	0	9
9	2	0	0	0	23.2	0.2	0.14	0	23.2	0	0	0	9
9	2	1	0	0	23.2	0.2	0.14	0	23.2	0	0	0	9
9	2	2	0	0	23.2	0.2	0.14	0	23.2	0	0	0	9
9	2	3	0	0	23.1	0.2	0.14	0	23.1	0	0	0	9
9	2	4	0	0	22.9	0.2	0.14	0	22.9	0	0	0	9
9	2	5	0	0	22.9	0.2	0.14	0	22.9	0	0	0	9
9	2	6	0	8	23.1	0.3	0.14	7.554	23.38	25.139	0	0	9
9	2	7	84	76	23.6	0.4	0.14	96.131	27.583	529.499	482.669	0.482669	9
9	2	8	10	145	24.8	0.5	0.14	143.837	30.632	818.845	761.762	0.761762	9
9	2	9	7	170	27	0.5	0.14	168.02	33.79	937.983	876.678	0.876678	9
9	2	10	38	292	28.9	0.6	0.14	324.889	41.636	1782.297	1691.075	1.691075	9
9	2	11	39	300	29.9	0.6	0.14	338.734	43.161	1839.551	1746.3	1.7463	9
9	2	12	171	388	30.1	0.6	0.14	574.423	52.607	3040.477	2904.673	2.904673	9
9	2	13	175	398	29.6	0.5	0.14	584.108	53.158	3088.087	2950.596	2.950596	9
9	2	14	38	262	28.8	0.5	0.14	295.083	40.7	1618.551	1533.131	1.533131	9
9	2	15	1	109	28.1	0.4	0.14	104.474	32.445	573.431	525.044	0.525044	9
9	2	16	21	142	27.4	0.3	0.14	150.022	33.855	842.36	784.443	0.784443	9
9	2	17	12	58	26.2	0.2	0.14	59.487	28.843	328.709	288.994	0.288994	9
9	2	18	34	25	25.5	0.2	0.14	26.39	26.632	125.217	92.712	0.092712	9
9	2	19	0	0	24.4	0.5	0.14	0	24.4	0	0	0	9
9	2	20	0	0	24.5	0.5	0.14	0	24.5	0	0	0	9
9	2	21	0	0	24.4	0.4	0.14	0	24.4	0	0	0	9
9	2	22	0	0	24	0.3	0.14	0	24	0	0	0	9
9	2	23	0	0	23.5	0.4	0.14	0	23.5	0	0	0	9
9	3	0	0	0	22.8	0.3	0.14	0	22.8	0	0	0	9
9	3	1	0	0	22.3	0.2	0.14	0	22.3	0	0	0	9
9	3	2	0	0	22	0.1	0.14	0	22	0	0	0	9
9	3	3	0	0	21.8	0.2	0.14	0	21.8	0	0	0	9
9	3	4	0	0	21.7	0.2	0.14	0	21.7	0	0	0	9
9	3	5	0	0	21.7	0.2	0.14	0	21.7	0	0	0	9
9	3	6	0	6	21.8	0.3	0.14	5.663	22.01	18.692	0	0	9
9	3	7	0	35	22.1	0.3	0.14	33.118	23.527	183.062	148.507	0.148507	9
9	3	8	1	82	22.8	0.3	0.14	78.293	26.17	442.822	399.063	0.399063	9
9	3	9	20	207	24.1	0.2	0.14	213.584	33.559	1205.594	1134.807	1.134807	9

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
9	3	10	89	319	25.8	0.2	0.14	396.288	43.325	2175.879	2070.711	2.070711	9
9	3	11	202	386	27.4	0.4	0.14	593.702	52.074	3159.859	3019.825	3.019825	9
9	3	12	177	415	28.5	0.5	0.14	609.391	53.071	3221.471	3079.253	3.079253	9
9	3	13	253	389	29.2	0.5	0.14	659.736	55.826	3460.343	3309.661	3.309661	9
9	3	14	205	314	29.6	0.5	0.14	503.716	49.951	2710.818	2586.695	2.586695	9
9	3	15	346	255	29.4	0.5	0.14	519.468	50.452	2822.93	2694.834	2.694834	9
9	3	16	370	174	28.6	0.5	0.14	378.391	43.986	2126.297	2022.885	2.022885	9
9	3	17	296	103	27.1	0.3	0.14	196.513	35.48	1071.171	1005.148	1.005148	9
9	3	18	61	37	26.1	0.3	0.14	39.171	27.718	184.314	149.715	0.149715	9
9	3	19	0	0	23.9	0.2	0.14	0	23.9	0	0	0	9
9	3	20	0	0	23.2	0.2	0.14	0	23.2	0	0	0	9
9	3	21	0	0	22.9	0.2	0.14	0	22.9	0	0	0	9
9	3	22	0	0	22.6	0.2	0.14	0	22.6	0	0	0	9
9	3	23	0	0	22.4	0.2	0.14	0	22.4	0	0	0	9
9	4	0	0	0	22	0.2	0.14	0	22	0	0	0	9
9	4	1	0	0	21.3	0.2	0.14	0	21.3	0	0	0	9
9	4	2	0	0	20.2	0.2	0.14	0	20.2	0	0	0	9
9	4	3	0	0	19.2	0.2	0.14	0	19.2	0	0	0	9
9	4	4	0	0	18.2	0.2	0.14	0	18.2	0	0	0	9
9	4	5	0	0	17.5	0.2	0.14	0	17.5	0	0	0	9
9	4	6	20	19	17.8	0.3	0.14	17.915	18.46	62.983	32.683	0.032683	9
9	4	7	526	63	19.6	0.3	0.14	201.946	28.05	1064.121	998.347	0.998347	9
9	4	8	618	104	22	0.3	0.14	415.244	39.936	2383.01	2270.502	2.270502	9
9	4	9	846	87	24	0.3	0.14	677.385	53.243	3693.334	3534.397	3.534397	9
9	4	10	893	95	25.4	0.3	0.14	857.626	62.342	4456.513	4270.533	4.270533	9
9	4	11	694	205	26.4	0.3	0.14	889.153	64.61	4533.414	4344.709	4.344709	9
9	4	12	903	113	27.1	0.4	0.14	1012.201	69.317	5051.918	4844.84	4.84484	9
9	4	13	818	151	27.3	0.4	0.14	956.112	67.174	4821.764	4622.841	4.622841	9
9	4	14	355	321	27.2	0.5	0.14	650.272	53.497	3470.24	3319.208	3.319208	9
9	4	15	865	83	26.7	0.5	0.14	720.21	55.97	3874.451	3709.096	3.709096	9
9	4	16	779	78	25.6	0.4	0.14	504.354	46.769	2841.499	2712.746	2.712746	9
9	4	17	663	59	23.3	0.3	0.14	269.911	34.72	1450.854	1371.377	1.371377	9
9	4	18	358	31	21.6	0.2	0.14	54.52	23.687	200.096	164.938	0.164938	9
9	4	19	0	0	17.8	0.2	0.14	0	17.8	0	0	0	9
9	4	20	0	0	16.7	0.2	0.14	0	16.7	0	0	0	9
9	4	21	0	0	15.6	0.2	0.14	0	15.6	0	0	0	9
9	4	22	0	0	14.7	0.2	0.14	0	14.7	0	0	0	9
9	4	23	0	0	13.9	0.2	0.14	0	13.9	0	0	0	9
9	5	0	0	0	13.2	0.2	0.14	0	13.2	0	0	0	9
9	5	1	0	0	12.9	0.3	0.14	0	12.9	0	0	0	9
9	5	2	0	0	13.3	0.6	0.14	0	13.3	0	0	0	9
9	5	3	0	0	14	0.7	0.14	0	14	0	0	0	9
9	5	4	0	0	14.5	0.6	0.14	0	14.5	0	0	0	9

Month	Day	Hour	Beam Irradiance (W/m ²)	Diffuse Irradiance (W/m ²)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m ²)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
9	5	5	0	0	14.5	0.5	0.14	0	14.5	0	0	0	9
9	5	6	239	21	15.2	0.3	0.14	21.424	15.933	66.614	36.186	0.036186	9
9	5	7	636	51	17.3	0.1	0.14	218.221	26.991	1142.167	1073.628	1.073628	9
9	5	8	792	68	20.8	0.1	0.14	461.686	42.064	2637.066	2515.557	2.515557	9
9	5	9	867	80	24.3	0.2	0.14	683.863	54.767	3706.357	3546.958	3.546958	9
9	5	10	905	88	26.4	0.2	0.14	859.575	64.61	4423.299	4238.496	4.238496	9
9	5	11	927	93	27.5	0.2	0.14	976.859	70.866	4855.334	4655.222	4.655222	9
9	5	12	936	93	28.3	0.3	0.14	1021.807	72.242	5034.234	4827.783	4.827783	9
9	5	13	932	90	28.7	0.3	0.14	991.035	71.332	4911.603	4709.497	4.709497	9
9	5	14	908	88	28.6	0.4	0.14	886.109	65.619	4532.423	4343.754	4.343754	9
9	5	15	864	83	27.9	0.4	0.14	717.403	57.931	3827.565	3663.871	3.663871	9
9	5	16	790	73	26.6	0.4	0.14	502.701	47.703	2822.582	2694.499	2.694499	9
9	5	17	651	58	23.9	0.3	0.14	263.143	35.026	1408.099	1330.137	1.330137	9
9	5	18	338	29	22	0.2	0.14	50.09	23.9	179.239	144.82	0.14482	9
9	5	19	0	0	18.7	0.2	0.14	0	18.7	0	0	0	9
9	5	20	0	0	18.3	0.2	0.14	0	18.3	0	0	0	9
9	5	21	0	0	17.9	0.2	0.14	0	17.9	0	0	0	9
9	5	22	0	0	17.3	0.2	0.14	0	17.3	0	0	0	9
9	5	23	0	0	16.7	0.2	0.14	0	16.7	0	0	0	9
9	6	0	0	0	16.1	0.2	0.14	0	16.1	0	0	0	9
9	6	1	0	0	15.6	0.2	0.14	0	15.6	0	0	0	9
9	6	2	0	0	15.2	0.2	0.14	0	15.2	0	0	0	9
9	6	3	0	0	15	0.3	0.14	0	15	0	0	0	9
9	6	4	0	0	15.1	0.6	0.14	0	15.1	0	0	0	9
9	6	5	0	0	15.5	0.6	0.14	0	15.5	0	0	0	9
9	6	6	143	20	16.7	0.3	0.14	18.471	17.352	59.907	29.716	0.029716	9
9	6	7	479	68	19.3	0.1	0.14	194.622	27.992	1029.519	964.971	0.964971	9
9	6	8	326	161	22.9	0	0.14	324.248	38.307	1854.525	1760.744	1.760744	9
9	6	9	685	138	25.8	0.1	0.14	625.033	54.539	3379.026	3231.226	3.231226	9
9	6	10	538	235	27.3	0.2	0.14	711.328	58.865	3732.691	3572.359	3.572359	9
9	6	11	556	260	28	0.2	0.14	813.009	64.03	4149.702	3974.594	3.974594	9
9	6	12	412	350	28.5	0.2	0.14	790.503	63.481	4023.787	3853.141	3.853141	9
9	6	13	118	392	29.2	0.3	0.14	523.688	51.618	2779.501	2652.945	2.652945	9
9	6	14	278	332	29.6	0.3	0.14	594.554	55.118	3143.573	3004.116	3.004116	9
9	6	15	13	178	29.2	0.4	0.14	180.613	36.717	997.858	934.432	0.934432	9
9	6	16	366	160	27.9	0.4	0.14	364.406	43.166	2055.369	1954.471	1.954471	9
9	6	17	271	102	25.5	0.3	0.14	185.459	33.404	1015.501	951.45	0.95145	9
9	6	18	108	33	23.8	0.2	0.14	37.767	25.347	159.516	125.796	0.125796	9
9	6	19	0	0	21.2	0.2	0.14	0	21.2	0	0	0	9
9	6	20	0	0	20.5	0.2	0.14	0	20.5	0	0	0	9
9	6	21	0	0	19.8	0.2	0.14	0	19.8	0	0	0	9
9	6	22	0	0	19.1	0.2	0.14	0	19.1	0	0	0	9
9	6	23	0	0	18.5	0.2	0.14	0	18.5	0	0	0	9

Month	Day	Hour	Beam Irradiance (W/m ²)	Diffuse Irradiance (W/m ²)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m ²)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
9	7	0	0	0	18.1	0.2	0.14	0	18.1	0	0	0	9
9	7	1	0	0	17.7	0.2	0.14	0	17.7	0	0	0	9
9	7	2	0	0	17.5	0.2	0.14	0	17.5	0	0	0	9
9	7	3	0	0	17.2	0.2	0.14	0	17.2	0	0	0	9
9	7	4	0	0	17	0.2	0.14	0	17	0	0	0	9
9	7	5	0	0	16.9	0.2	0.14	0	16.9	0	0	0	9
9	7	6	79	18	17.8	0.3	0.14	16.569	18.398	55.547	25.511	0.025511	9
9	7	7	376	84	20.2	0.5	0.14	182.599	27.442	981.83	918.972	0.918972	9
9	7	8	550	126	23.4	0.6	0.14	401.693	39.277	2307.875	2198.03	2.19803	9
9	7	9	662	146	26.4	0.6	0.14	617.484	50.782	3391.435	3243.195	3.243195	9
9	7	10	733	156	28.6	0.6	0.14	795.001	59.926	4168.527	3992.751	3.992751	9
9	7	11	764	165	30	0.6	0.14	906.141	65.661	4606.599	4415.301	4.415301	9
9	7	12	784	162	30.9	0.6	0.14	952.788	68.382	4774.453	4577.207	4.577207	9
9	7	13	792	151	31.3	0.6	0.14	927.626	67.806	4668.724	4475.224	4.475224	9
9	7	14	755	149	31.2	0.6	0.14	821.277	63.555	4233.92	4055.828	4.055828	9
9	7	15	402	238	30.6	0.5	0.14	546.34	52.756	2949.164	2816.595	2.816595	9
9	7	16	253	188	29.4	0.4	0.14	327.856	43.124	1838.588	1745.372	1.745372	9
9	7	17	337	92	27.2	0.3	0.14	197.136	35.582	1062.517	996.8	0.9968	9
9	7	18	62	30	25.9	0.2	0.14	31.803	27.205	132.568	99.802	0.099802	9
9	7	19	0	0	23.8	0.2	0.14	0	23.8	0	0	0	9
9	7	20	0	0	23	0.2	0.14	0	23	0	0	0	9
9	7	21	0	0	22.2	0.2	0.14	0	22.2	0	0	0	9
9	7	22	0	0	21.6	0.2	0.14	0	21.6	0	0	0	9
9	7	23	0	0	21.1	0.2	0.14	0	21.1	0	0	0	9
9	8	0	0	0	20.7	0.2	0.14	0	20.7	0	0	0	9
9	8	1	0	0	20.3	0.2	0.14	0	20.3	0	0	0	9
9	8	2	0	0	19.8	0.2	0.14	0	19.8	0	0	0	9
9	8	3	0	0	19.2	0.2	0.14	0	19.2	0	0	0	9
9	8	4	0	0	18.8	0.2	0.14	0	18.8	0	0	0	9
9	8	5	0	0	18.7	0.2	0.14	0	18.7	0	0	0	9
9	8	6	68	17	19.4	0.3	0.14	15.525	19.962	51.865	21.959	0.021959	9
9	8	7	372	75	21.6	0.3	0.14	172.604	28.858	916.487	855.944	0.855944	9
9	8	8	565	113	25	0.3	0.14	398.219	42.199	2260.914	2152.733	2.152733	9
9	8	9	752	111	28.3	0.3	0.14	640.207	55.934	3447.03	3296.82	3.29682	9
9	8	10	804	122	30.4	0.3	0.14	814.831	65.494	4173.697	3997.738	3.997738	9
9	8	11	833	128	31.8	0.2	0.14	930.555	73.102	4576.505	4386.274	4.386274	9
9	8	12	671	212	32.6	0.3	0.14	900.292	71.276	4446.391	4260.769	4.260769	9
9	8	13	835	130	33	0.3	0.14	944.428	73.618	4630.211	4438.076	4.438076	9
9	8	14	813	123	33	0.3	0.14	841.901	69.25	4233.99	4055.895	4.055895	9
9	8	15	767	113	32.4	0.2	0.14	677.221	62.549	3536.713	3383.325	3.383325	9
9	8	16	687	95	31.4	0.2	0.14	465.893	52.199	2560.58	2441.781	2.441781	9
9	8	17	536	70	28.9	0.4	0.14	234.848	38.532	1233.443	1161.67	1.16167	9
9	8	18	214	28	27	0.5	0.14	37.834	28.287	126.026	93.492	0.093492	9

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
9	8	19	0	0	24.6	0.9	0.14	0	24.6	0	0	0	9
9	8	20	0	0	23.8	0.9	0.14	0	23.8	0	0	0	9
9	8	21	0	0	23.1	0.9	0.14	0	23.1	0	0	0	9
9	8	22	0	0	22.4	0.9	0.14	0	22.4	0	0	0	9
9	8	23	0	0	21.4	0.9	0.14	0	21.4	0	0	0	9
9	9	0	0	0	20.2	0.7	0.14	0	20.2	0	0	0	9
9	9	1	0	0	19.1	0.4	0.14	0	19.1	0	0	0	9
9	9	2	0	0	18.5	0.2	0.14	0	18.5	0	0	0	9
9	9	3	0	0	18.1	0.2	0.14	0	18.1	0	0	0	9
9	9	4	0	0	17.6	0.1	0.14	0	17.6	0	0	0	9
9	9	5	0	0	17.4	0.1	0.14	0	17.4	0	0	0	9
9	9	6	117	17	18.8	0.2	0.14	17.866	19.461	59.015	28.856	0.028856	9
9	9	7	491	65	21.7	0.2	0.14	194.292	30.09	1014.061	950.061	0.950061	9
9	9	8	674	92	25.2	0.3	0.14	429.046	43.736	2427.403	2313.322	2.313322	9
9	9	9	757	114	28.2	0.3	0.14	646.408	56.102	3478.595	3327.267	3.327267	9
9	9	10	796	132	29.9	0.4	0.14	818.307	64.088	4217.641	4040.125	4.040125	9
9	9	11	827	139	31.1	0.4	0.14	936.09	70.159	4666.436	4473.018	4.473018	9
9	9	12	828	146	32.1	0.4	0.14	976.524	72.826	4796.735	4598.7	4.5987	9
9	9	13	808	149	32.7	0.3	0.14	937.988	73.037	4609.9	4418.485	4.418485	9
9	9	14	777	145	32.9	0.2	0.14	832.775	69.894	4173.719	3997.76	3.99776	9
9	9	15	720	133	32.5	0.1	0.14	664.849	63.066	3461.24	3310.527	3.310527	9
9	9	16	622	115	32	0.1	0.14	451.052	52.793	2468.228	2352.701	2.352701	9
9	9	17	454	82	30.5	0.2	0.14	219.406	40.086	1147.497	1078.769	1.078769	9
9	9	18	144	27	29.2	0.3	0.14	32.32	30.351	102.739	71.031	0.071031	9
9	9	19	0	0	26.2	0.8	0.14	0	26.2	0	0	0	9
9	9	20	0	0	24.3	0.8	0.14	0	24.3	0	0	0	9
9	9	21	0	0	22.7	0.7	0.14	0	22.7	0	0	0	9
9	9	22	0	0	21.9	0.5	0.14	0	21.9	0	0	0	9
9	9	23	0	0	21.4	0.4	0.14	0	21.4	0	0	0	9
9	10	0	0	0	21	0.4	0.14	0	21	0	0	0	9
9	10	1	0	0	20.8	0.5	0.14	0	20.8	0	0	0	9
9	10	2	0	0	20.5	0.6	0.14	0	20.5	0	0	0	9
9	10	3	0	0	20.1	0.6	0.14	0	20.1	0	0	0	9
9	10	4	0	0	19.7	0.5	0.14	0	19.7	0	0	0	9
9	10	5	0	0	19.5	0.5	0.14	0	19.5	0	0	0	9
9	10	6	77	16	20.7	0.3	0.14	16.38	21.294	54.682	24.676	0.024676	9
9	10	7	398	77	23.7	0.1	0.14	181.086	31.809	948.505	886.828	0.886828	9
9	10	8	578	115	27.2	0.2	0.14	406.219	45.303	2277.648	2168.873	2.168873	9
9	10	9	670	142	29.7	0.2	0.14	618.043	57.217	3303.927	3158.788	3.158788	9
9	10	10	716	165	30.8	0.2	0.14	789.221	65.861	4030.619	3859.73	3.85973	9
9	10	11	228	325	31.7	0.2	0.14	564.077	56.655	2949.34	2816.766	2.816766	9
9	10	12	105	332	32.4	0.2	0.14	450.886	52.315	2378.475	2266.128	2.266128	9
9	10	13	440	293	32.7	0.2	0.14	743.206	65.62	3759.145	3597.876	3.597876	9

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
9	10	14	188	316	32.5	0.2	0.14	490.109	54.199	2591.049	2471.17	2.47117	9
9	10	15	201	227	31.9	0.3	0.14	375.779	48.066	2047.376	1946.762	1.946762	9
9	10	16	2	51	30.6	0.3	0.14	49.349	32.724	265.175	227.711	0.227711	9
9	10	17	51	84	28.4	0.2	0.14	96.285	32.663	527.849	481.077	0.481077	9
9	10	18	66	26	27.1	0.2	0.14	27.087	28.093	85.902	54.79	0.05479	9
9	10	19	0	0	25.3	0.2	0.14	0	25.3	0	0	0	9
9	10	20	0	0	24.6	0.3	0.14	0	24.6	0	0	0	9
9	10	21	0	0	23.7	0.3	0.14	0	23.7	0	0	0	9
9	10	22	0	0	22.8	0.3	0.14	0	22.8	0	0	0	9
9	10	23	0	0	22	0.3	0.14	0	22	0	0	0	9
9	11	0	0	0	21.3	0.3	0.14	0	21.3	0	0	0	9
9	11	1	0	0	20.6	0.3	0.14	0	20.6	0	0	0	9
9	11	2	0	0	20.1	0.3	0.14	0	20.1	0	0	0	9
9	11	3	0	0	19.8	0.3	0.14	0	19.8	0	0	0	9
9	11	4	0	0	19.4	0.3	0.14	0	19.4	0	0	0	9
9	11	5	0	0	19.2	0.3	0.14	0	19.2	0	0	0	9
9	11	6	28	13	19.5	0.4	0.14	12.907	19.961	44.09	14.46	0.01446	9
9	11	7	123	65	20.8	0.4	0.14	97.161	24.804	531.451	484.552	0.484552	9
9	11	8	0	41	22.9	0.4	0.14	38.822	24.522	214.551	178.88	0.17888	9
9	11	9	1	150	25	0.4	0.14	144.596	31.021	813.09	756.211	0.756211	9
9	11	10	1	158	26.7	0.4	0.14	152.455	33.033	844.048	786.072	0.786072	9
9	11	11	4	166	27.4	0.4	0.14	163.252	34.172	897.58	837.707	0.837707	9
9	11	12	3	160	27.3	0.4	0.14	156.583	33.792	859.229	800.715	0.800715	9
9	11	13	6	185	26.9	0.4	0.14	183.916	34.529	1014.081	950.08	0.95008	9
9	11	14	36	285	26.4	0.4	0.14	318.375	39.63	1761.818	1671.321	1.671321	9
9	11	15	12	198	25.7	0.4	0.14	199.986	34.026	1123.585	1055.704	1.055704	9
9	11	16	0	96	24.9	0.4	0.14	91.378	28.715	514.443	468.146	0.468146	9
9	11	17	270	57	23.5	0.3	0.14	138.299	29.356	744.147	689.711	0.689711	9
9	11	18	157	24	22.7	0.2	0.14	28.74	23.687	83.349	52.328	0.052328	9
9	11	19	0	0	20.1	0.2	0.14	0	20.1	0	0	0	9
9	11	20	0	0	19.4	0.2	0.14	0	19.4	0	0	0	9
9	11	21	0	0	18.7	0.2	0.14	0	18.7	0	0	0	9
9	11	22	0	0	18.2	0.2	0.14	0	18.2	0	0	0	9
9	11	23	0	0	17.8	0.2	0.14	0	17.8	0	0	0	9
9	12	0	0	0	17.5	0.2	0.14	0	17.5	0	0	0	9
9	12	1	0	0	17.3	0.1	0.14	0	17.3	0	0	0	9
9	12	2	0	0	17.2	0.1	0.14	0	17.2	0	0	0	9
9	12	3	0	0	17.2	0.1	0.14	0	17.2	0	0	0	9
9	12	4	0	0	17.2	0.1	0.14	0	17.2	0	0	0	9
9	12	5	0	0	17.2	0.2	0.14	0	17.2	0	0	0	9
9	12	6	64	15	18.1	0.2	0.14	15.198	18.672	51.71	21.81	0.02181	9
9	12	7	379	76	20.6	0.3	0.14	175.175	27.96	931.493	870.419	0.870419	9
9	12	8	355	116	23.9	0.3	0.14	296.887	36.717	1708.474	1619.868	1.619868	9

Month	Day	Hour	Beam Irradiance (W/m ²)	Diffuse Irradiance (W/m ²)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m ²)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
9	12	9	26	218	26.9	0.3	0.14	229.493	36.756	1284.253	1210.679	1.210679	9
9	12	10	109	326	29.3	0.4	0.14	422.358	46.872	2293.698	2184.355	2.184355	9
9	12	11	510	273	31	0.4	0.14	781.771	63.574	3999.935	3830.133	3.830133	9
9	12	12	431	330	32.2	0.4	0.14	786.13	64.922	3982.859	3813.662	3.813662	9
9	12	13	710	192	32.8	0.4	0.14	892.224	70.01	4445.007	4259.435	4.259435	9
9	12	14	472	261	32.7	0.4	0.14	691.009	61.52	3579.373	3424.474	3.424474	9
9	12	15	525	189	32	0.4	0.14	577.499	56.15	3088.339	2950.839	2.950839	9
9	12	16	229	174	30.5	0.3	0.14	298.337	43.376	1667.585	1580.428	1.580428	9
9	12	17	46	85	27.7	0.2	0.14	95.709	31.938	526.333	479.615	0.479615	9
9	12	18	0	16	25.9	0.2	0.14	15.142	26.48	51.464	21.573	0.021573	9
9	12	19	0	0	24.4	0.3	0.13	0	24.4	0	0	0	9
9	12	20	0	0	24.1	0.3	0.13	0	24.1	0	0	0	9
9	12	21	0	0	23.5	0.3	0.13	0	23.5	0	0	0	9
9	12	22	0	0	23.1	0.3	0.13	0	23.1	0	0	0	9
9	12	23	0	0	22.9	0.2	0.13	0	22.9	0	0	0	9
9	13	0	0	0	22.8	0.2	0.13	0	22.8	0	0	0	9
9	13	1	0	0	22.6	0.2	0.13	0	22.6	0	0	0	9
9	13	2	0	0	22.5	0.2	0.13	0	22.5	0	0	0	9
9	13	3	0	0	22.4	0.2	0.13	0	22.4	0	0	0	9
9	13	4	0	0	22.4	0.2	0.13	0	22.4	0	0	0	9
9	13	5	0	0	22.3	0.2	0.13	0	22.3	0	0	0	9
9	13	6	3	5	22.4	0.3	0.13	4.878	22.581	15.854	0	0	9
9	13	7	12	33	22.8	0.3	0.13	34.574	24.283	187.649	152.932	0.152932	9
9	13	8	14	129	23.6	0.3	0.13	130.583	29.225	746.844	692.312	0.692312	9
9	13	9	68	241	25	0.3	0.13	288.005	37.378	1623.792	1538.187	1.538187	9
9	13	10	300	308	26.7	0.3	0.13	580.126	51.623	3124.18	2985.41	2.98541	9
9	13	11	626	225	28.1	0.2	0.13	841.616	65.427	4280.131	4100.401	4.100401	9
9	13	12	365	355	28.5	0.2	0.13	738.479	61.186	3800.256	3637.53	3.63753	9
9	13	13	268	367	28.3	0.2	0.13	649.027	57.018	3395.989	3247.588	3.247588	9
9	13	14	216	332	27.8	0.2	0.13	530.381	51.291	2847.862	2718.883	2.718883	9
9	13	15	177	254	27.3	0.2	0.13	386.325	44.447	2138.402	2034.562	2.034562	9
9	13	16	206	167	26.1	0.2	0.13	278.829	38.516	1587.21	1502.901	1.502901	9
9	13	17	242	96	24.1	0.4	0.13	165.891	30.941	905.411	845.261	0.845261	9
9	13	18	45	16	23	0.5	0.13	16.282	23.546	51.672	21.773	0.021773	9
9	13	19	0	0	20.5	0.4	0.13	0	20.5	0	0	0	9
9	13	20	0	0	19.6	0.2	0.13	0	19.6	0	0	0	9
9	13	21	0	0	19.5	0.2	0.13	0	19.5	0	0	0	9
9	13	22	0	0	19.5	0.2	0.13	0	19.5	0	0	0	9
9	13	23	0	0	19.1	0.2	0.13	0	19.1	0	0	0	9
9	14	0	0	0	18.3	0.2	0.13	0	18.3	0	0	0	9
9	14	1	0	0	17.6	0.2	0.13	0	17.6	0	0	0	9
9	14	2	0	0	17	0.2	0.13	0	17	0	0	0	9
9	14	3	0	0	16.3	0.2	0.13	0	16.3	0	0	0	9

Month	Day	Hour	Beam Irradiance (W/m ²)	Diffuse Irradiance (W/m ²)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m ²)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
9	14	4	0	0	15.5	0.2	0.13	0	15.5	0	0	0	9
9	14	5	0	0	14.9	0.2	0.13	0	14.9	0	0	0	9
9	14	6	47	11	15.3	0.2	0.13	11.1	15.718	37.877	8.467	0.008467	9
9	14	7	326	83	17.1	0.3	0.13	168.723	24.207	917.827	857.237	0.857237	9
9	14	8	507	135	20.1	0.4	0.13	389.303	36.408	2261.222	2153.03	2.15303	9
9	14	9	615	169	23.1	0.4	0.13	607.178	48.513	3368.084	3220.672	3.220672	9
9	14	10	660	198	25.2	0.4	0.13	775.232	57.574	4106.704	3933.119	3.933119	9
9	14	11	665	225	26.5	0.4	0.13	877.186	63.081	4509.552	4321.692	4.321692	9
9	14	12	593	277	27.2	0.4	0.13	885.103	64.078	4515.128	4327.071	4.327071	9
9	14	13	487	324	27.2	0.5	0.13	816.898	60.239	4237.175	4058.967	4.058967	9
9	14	14	429	311	26.9	0.5	0.13	696.764	55.108	3709.249	3549.748	3.549748	9
9	14	15	317	274	26	0.5	0.13	511.937	46.76	2832.172	2703.749	2.703749	9
9	14	16	218	202	24.7	0.4	0.13	316.247	37.937	1810.166	1717.957	1.717957	9
9	14	17	117	102	22.6	0.3	0.13	134.542	28.35	750.833	696.16	0.69616	9
9	14	18	12	8	21.3	0.2	0.13	8.046	21.602	25.986	0	0	9
9	14	19	0	0	19.4	0.2	0.13	0	19.4	0	0	0	9
9	14	20	0	0	18.4	0.2	0.13	0	18.4	0	0	0	9
9	14	21	0	0	17.4	0.2	0.13	0	17.4	0	0	0	9
9	14	22	0	0	16.5	0.2	0.13	0	16.5	0	0	0	9
9	14	23	0	0	15.7	0.2	0.13	0	15.7	0	0	0	9
9	15	0	0	0	14.9	0.2	0.13	0	14.9	0	0	0	9
9	15	1	0	0	14.1	0.2	0.13	0	14.1	0	0	0	9
9	15	2	0	0	13.4	0.2	0.13	0	13.4	0	0	0	9
9	15	3	0	0	12.8	0.2	0.13	0	12.8	0	0	0	9
9	15	4	0	0	12.2	0.2	0.13	0	12.2	0	0	0	9
9	15	5	0	0	11.6	0.1	0.13	0	11.6	0	0	0	9
9	15	6	52	11	12.1	0.2	0.13	11.125	12.519	38.501	9.069	0.009069	9
9	15	7	362	80	14.4	0.3	0.13	174.708	21.745	954.734	892.836	0.892836	9
9	15	8	562	127	17.5	0.3	0.13	407.241	35.088	2381.845	2269.378	2.269378	9
9	15	9	678	152	20.3	0.3	0.13	632.071	47.58	3525.608	3372.614	3.372614	9
9	15	10	747	167	22.2	0.3	0.13	814.288	57.27	4325.715	4144.369	4.144369	9
9	15	11	784	175	23.7	0.3	0.13	933.536	63.856	4789.845	4592.054	4.592054	9
9	15	12	751	203	24.9	0.2	0.13	961.229	67.535	4837.27	4637.798	4.637798	9
9	15	13	682	230	25.5	0.2	0.13	901.977	65.509	4585.42	4394.873	4.394873	9
9	15	14	650	216	25.6	0.2	0.13	793.281	60.829	4138.882	3964.157	3.964157	9
9	15	15	589	190	25.1	0.2	0.13	618.752	52.636	3368.326	3220.905	3.220905	9
9	15	16	487	151	23.6	0.2	0.13	406.705	41.734	2319.112	2208.869	2.208869	9
9	15	17	315	92	20.5	0.4	0.13	182.822	28.011	1000.688	937.162	0.937162	9
9	15	18	56	14	18.5	0.7	0.13	15.3	18.982	48.992	19.188	0.019188	9
9	15	19	0	0	15.3	0.6	0.13	0	15.3	0	0	0	9
9	15	20	0	0	14.2	0.3	0.13	0	14.2	0	0	0	9
9	15	21	0	0	13.4	0.2	0.13	0	13.4	0	0	0	9
9	15	22	0	0	12.7	0.2	0.13	0	12.7	0	0	0	9

Month	Day	Hour	Beam Irradiance (W/m ²)	Diffuse Irradiance (W/m ²)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m ²)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
9	15	23	0	0	12.1	0.2	0.13	0	12.1	0	0	0	9
9	16	0	0	0	11.6	0.1	0.13	0	11.6	0	0	0	9
9	16	1	0	0	11.1	0.1	0.13	0	11.1	0	0	0	9
9	16	2	0	0	10.8	0.3	0.13	0	10.8	0	0	0	9
9	16	3	0	0	10.5	0.5	0.13	0	10.5	0	0	0	9
9	16	4	0	0	10.3	0.5	0.13	0	10.3	0	0	0	9
9	16	5	0	0	10.1	0.4	0.13	0	10.1	0	0	0	9
9	16	6	28	8	11.4	0.3	0.13	7.992	11.693	27.642	0	0	9
9	16	7	252	87	13.9	0.2	0.13	152.046	20.528	845.054	787.042	0.787042	9
9	16	8	424	158	17	0.1	0.13	372.787	34.151	2180.519	2075.187	2.075187	9
9	16	9	514	210	20.9	0.1	0.13	578.027	47.467	3213.186	3071.262	3.071262	9
9	16	10	553	254	23.9	0.1	0.13	741.152	57.887	3913.435	3746.698	3.746698	9
9	16	11	557	280	25.8	0.2	0.13	830.769	62.633	4273.541	4094.044	4.094044	9
9	16	12	589	285	27.1	0.2	0.13	888.171	66.465	4483.097	4296.175	4.296175	9
9	16	13	502	296	27.3	0.2	0.13	799.854	62.751	4107.904	3934.277	3.934277	9
9	16	14	523	270	26.7	0.2	0.13	739.088	59.503	3870.311	3705.103	3.705103	9
9	16	15	422	232	25.8	0.2	0.13	545.447	50.054	2988.926	2854.949	2.854949	9
9	16	16	216	157	24	0.3	0.13	271.987	35.739	1565.732	1482.184	1.482184	9
9	16	17	182	86	22	0.6	0.13	137.519	27.351	756.565	701.689	0.701689	9
9	16	18	33	10	21.3	0.8	0.13	10.602	21.629	33.635	4.375	0.004375	9
9	16	19	0	0	20.5	0.8	0.13	0	20.5	0	0	0	9
9	16	20	0	0	20.1	0.8	0.13	0	20.1	0	0	0	9
9	16	21	0	0	19.7	0.7	0.13	0	19.7	0	0	0	9
9	16	22	0	0	19.3	0.6	0.13	0	19.3	0	0	0	9
9	16	23	0	0	18.8	0.6	0.13	0	18.8	0	0	0	9
9	17	0	0	0	18.2	0.7	0.13	0	18.2	0	0	0	9
9	17	1	0	0	17.3	0.8	0.13	0	17.3	0	0	0	9
9	17	2	0	0	16.1	0.9	0.13	0	16.1	0	0	0	9
9	17	3	0	0	14.7	1	0.13	0	14.7	0	0	0	9
9	17	4	0	0	13.3	0.9	0.13	0	13.3	0	0	0	9
9	17	5	0	0	12.2	0.6	0.13	0	12.2	0	0	0	9
9	17	6	27	7	13.2	0.3	0.13	7.001	13.457	23.813	0	0	9
9	17	7	275	83	16	0.2	0.13	153.701	22.688	841.707	783.814	0.783814	9
9	17	8	476	143	19.4	0.3	0.13	382.264	35.905	2223.143	2116.3	2.1163	9
9	17	9	604	175	23	0.4	0.13	601.947	48.197	3344.828	3198.239	3.198239	9
9	17	10	681	193	25.7	0.4	0.13	785.787	58.524	4149.16	3974.071	3.974071	9
9	17	11	719	202	27.2	0.4	0.13	900.627	64.774	4601.036	4409.935	4.409935	9
9	17	12	743	200	28.2	0.4	0.13	947.931	67.733	4769.104	4572.048	4.572048	9
9	17	13	744	191	28.6	0.4	0.13	915.659	66.804	4635.298	4442.983	4.442983	9
9	17	14	704	182	28.5	0.4	0.13	800.053	61.92	4161.517	3985.99	3.98599	9
9	17	15	629	166	27.7	0.4	0.13	621.092	53.697	3371.437	3223.905	3.223905	9
9	17	16	498	141	26.2	0.4	0.13	398.95	42.922	2262.14	2153.915	2.153915	9
9	17	17	260	85	23.4	0.3	0.13	156.719	30.035	844.365	786.378	0.786378	9

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
9	17	18	26	11	21.8	0.2	0.13	11.294	22.223	36.795	7.423	0.007423	9
9	17	19	0	0	19.9	0.3	0.13	0	19.9	0	0	0	9
9	17	20	0	0	18.9	0.3	0.13	0	18.9	0	0	0	9
9	17	21	0	0	17.8	0.3	0.13	0	17.8	0	0	0	9
9	17	22	0	0	17	0.3	0.13	0	17	0	0	0	9
9	17	23	0	0	16.3	0.2	0.13	0	16.3	0	0	0	9
9	18	0	0	0	15.7	0.3	0.13	0	15.7	0	0	0	9
9	18	1	0	0	15.1	0.3	0.13	0	15.1	0	0	0	9
9	18	2	0	0	14.6	0.3	0.13	0	14.6	0	0	0	9
9	18	3	0	0	14	0.3	0.13	0	14	0	0	0	9
9	18	4	0	0	13.1	0.3	0.13	0	13.1	0	0	0	9
9	18	5	0	0	12.2	0.3	0.13	0	12.2	0	0	0	9
9	18	6	65	11	12.2	0.4	0.13	11.151	12.594	38.498	9.066	0.009066	9
9	18	7	468	63	13.5	0.6	0.13	185.011	20.571	995.216	931.883	0.931883	9
9	18	8	699	86	15.7	0.6	0.13	431.878	32.78	2556.591	2437.933	2.437933	9
9	18	9	826	93	17.6	0.7	0.13	665.922	43.209	3796.995	3634.384	3.634384	9
9	18	10	894	95	19	0.7	0.13	847.446	51.52	4629.354	4437.25	4.43725	9
9	18	11	928	95	20.2	0.7	0.13	965.355	57.198	5115.497	4906.167	4.906167	9
9	18	12	943	91	21	0.7	0.13	1007.114	59.583	5270.304	5055.488	5.055488	9
9	18	13	943	85	21.4	0.7	0.13	971.78	58.646	5117.397	4907.999	4.907999	9
9	18	14	921	81	21.3	0.7	0.13	861.245	54.351	4648.452	4455.671	4.455671	9
9	18	15	879	75	20.8	0.7	0.13	688.109	47.265	3860.292	3695.438	3.695438	9
9	18	16	797	65	19.8	0.6	0.13	466.119	38.253	2713.467	2589.25	2.58925	9
9	18	17	626	48	17.9	0.5	0.13	218.135	26.468	1147.237	1078.518	1.078518	9
9	18	18	148	15	16.7	0.3	0.13	17.639	17.3	53.353	23.395	0.023395	9
9	18	19	0	0	13.9	0.2	0.13	0	13.9	0	0	0	9
9	18	20	0	0	12.8	0.2	0.13	0	12.8	0	0	0	9
9	18	21	0	0	11.8	0.2	0.13	0	11.8	0	0	0	9
9	18	22	0	0	11	0.2	0.13	0	11	0	0	0	9
9	18	23	0	0	10.3	0.2	0.13	0	10.3	0	0	0	9
9	19	0	0	0	9.7	0.2	0.13	0	9.7	0	0	0	9
9	19	1	0	0	9.1	0.2	0.13	0	9.1	0	0	0	9
9	19	2	0	0	8.6	0.2	0.13	0	8.6	0	0	0	9
9	19	3	0	0	8.1	0.2	0.13	0	8.1	0	0	0	9
9	19	4	0	0	7.5	0.2	0.13	0	7.5	0	0	0	9
9	19	5	0	0	7.1	0.2	0.13	0	7.1	0	0	0	9
9	19	6	114	11	7.6	0.3	0.13	11.482	8.013	39.52	10.052	0.010052	9
9	19	7	637	46	10.3	0.4	0.13	209.204	18.712	1111.288	1043.843	1.043843	9
9	19	8	820	64	13.7	0.5	0.13	464.927	32.625	2759.958	2634.094	2.634094	9
9	19	9	904	75	16.4	0.5	0.13	694.736	44.679	3942.928	3775.146	3.775146	9
9	19	10	946	83	18.3	0.4	0.13	876.012	54.942	4718.263	4523.008	4.523008	9
9	19	11	969	87	19.9	0.4	0.13	992.798	61.373	5166.151	4955.026	4.955026	9
9	19	12	971	89	21.1	0.4	0.13	1029.809	64.099	5282.067	5066.834	5.066834	9

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
9	19	13	963	88	21.9	0.4	0.13	991.425	63.313	5114.014	4904.737	4.904737	9
9	19	14	941	84	22.1	0.4	0.13	878.723	58.852	4651.735	4458.838	4.458838	9
9	19	15	899	76	21.7	0.4	0.13	700.189	51.05	3867.696	3702.581	3.702581	9
9	19	16	820	65	20.6	0.3	0.13	474.691	41.129	2730.395	2605.578	2.605578	9
9	19	17	648	47	17.2	0.2	0.13	220.617	26.676	1152.819	1083.902	1.083902	9
9	19	18	159	14	14.6	0.2	0.13	16.398	15.175	49.915	20.078	0.020078	9
9	19	19	0	0	12.5	0.2	0.13	0	12.5	0	0	0	9
9	19	20	0	0	12.1	0.2	0.13	0	12.1	0	0	0	9
9	19	21	0	0	11	0.2	0.13	0	11	0	0	0	9
9	19	22	0	0	10.1	0.2	0.13	0	10.1	0	0	0	9
9	19	23	0	0	9.4	0.2	0.13	0	9.4	0	0	0	9
9	20	0	0	0	8.7	0.2	0.13	0	8.7	0	0	0	9
9	20	1	0	0	8.2	0.2	0.13	0	8.2	0	0	0	9
9	20	2	0	0	7.8	0.2	0.13	0	7.8	0	0	0	9
9	20	3	0	0	7.4	0.2	0.13	0	7.4	0	0	0	9
9	20	4	0	0	6.9	0.2	0.13	0	6.9	0	0	0	9
9	20	5	0	0	6.4	0.2	0.13	0	6.4	0	0	0	9
9	20	6	106	11	7	0.2	0.13	11.385	7.424	39.591	10.12	0.01012	9
9	20	7	618	47	9.6	0.3	0.13	205.177	18.106	1092.249	1025.478	1.025478	9
9	20	8	802	65	13.6	0.3	0.13	456.894	33.345	2703.363	2579.504	2.579504	9
9	20	9	892	76	17.5	0.4	0.13	686.92	46.299	3873.121	3707.813	3.707813	9
9	20	10	942	81	20	0.5	0.13	869.316	55.308	4676.508	4482.733	4.482733	9
9	20	11	964	85	21.6	0.5	0.13	984.433	61.531	5121.172	4911.64	4.91164	9
9	20	12	972	85	22.7	0.5	0.13	1024.383	64.234	5253.428	5039.21	5.03921	9
9	20	13	972	82	23.4	0.5	0.13	990.744	63.587	5106.577	4897.563	4.897563	9
9	20	14	949	79	23.6	0.5	0.13	877.211	59.228	4638.394	4445.969	4.445969	9
9	20	15	903	73	23.1	0.5	0.13	696.843	51.465	3844.241	3679.956	3.679956	9
9	20	16	817	63	21.8	0.4	0.13	468.366	41.446	2688.285	2564.961	2.564961	9
9	20	17	638	46	18.2	0.3	0.13	214.781	27.128	1113.946	1046.407	1.046407	9
9	20	18	121	12	15.5	0.2	0.13	13.403	15.982	41.996	12.44	0.01244	9
9	20	19	0	0	12.9	0.2	0.13	0	12.9	0	0	0	9
9	20	20	0	0	12.5	0.2	0.13	0	12.5	0	0	0	9
9	20	21	0	0	11.9	0.2	0.13	0	11.9	0	0	0	9
9	20	22	0	0	11.2	0.2	0.13	0	11.2	0	0	0	9
9	20	23	0	0	10.9	0.2	0.13	0	10.9	0	0	0	9
9	21	0	0	0	10.4	0.2	0.13	0	10.4	0	0	0	9
9	21	1	0	0	9.8	0.2	0.13	0	9.8	0	0	0	9
9	21	2	0	0	9.2	0.2	0.13	0	9.2	0	0	0	9
9	21	3	0	0	8.9	0.2	0.13	0	8.9	0	0	0	9
9	21	4	0	0	8.5	0.2	0.13	0	8.5	0	0	0	9
9	21	5	0	0	8.1	0.2	0.13	0	8.1	0	0	0	9
9	21	6	94	10	8.8	0.3	0.13	10.296	9.173	35.503	6.177	0.006177	9
9	21	7	591	49	11.4	0.3	0.13	200.444	19.714	1061.331	995.655	0.995655	9

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
9	21	8	782	68	15.1	0.4	0.13	450.075	33.967	2655.162	2533.011	2.533011	9
9	21	9	864	84	18.5	0.4	0.13	679.303	46.978	3818.328	3654.961	3.654961	9
9	21	10	902	97	20.9	0.4	0.13	852.951	56.577	4562.594	4372.856	4.372856	9
9	21	11	931	100	22.5	0.4	0.13	969.271	62.99	5009.834	4804.248	4.804248	9
9	21	12	925	110	23.6	0.3	0.13	1005.496	66.878	5094.744	4886.149	4.886149	9
9	21	13	900	117	24.3	0.3	0.13	960.926	65.673	4905.062	4703.188	4.703188	9
9	21	14	879	108	24.5	0.3	0.13	854.049	61.319	4471.62	4285.105	4.285105	9
9	21	15	830	97	24.1	0.3	0.13	674.48	53.242	3689.051	3530.265	3.530265	9
9	21	16	734	81	22.6	0.2	0.13	445.871	42.485	2542.064	2423.92	2.42392	9
9	21	17	544	56	18.9	0.4	0.13	199.414	26.959	1039.826	974.913	0.974913	9
9	21	18	78	10	16.2	0.6	0.13	10.597	16.546	34.338	5.053	0.005053	9
9	21	19	0	0	13.2	0.3	0.13	0	13.2	0	0	0	9
9	21	20	0	0	12.3	0.2	0.13	0	12.3	0	0	0	9
9	21	21	0	0	11.4	0.2	0.13	0	11.4	0	0	0	9
9	21	22	0	0	10.6	0.2	0.13	0	10.6	0	0	0	9
9	21	23	0	0	10	0.4	0.13	0	10	0	0	0	9
9	22	0	0	0	9.6	0.7	0.13	0	9.6	0	0	0	9
9	22	1	0	0	9.3	0.8	0.13	0	9.3	0	0	0	9
9	22	2	0	0	8.9	0.8	0.13	0	8.9	0	0	0	9
9	22	3	0	0	8.3	0.8	0.13	0	8.3	0	0	0	9
9	22	4	0	0	7.8	0.8	0.13	0	7.8	0	0	0	9
9	22	5	0	0	7.6	0.8	0.13	0	7.6	0	0	0	9
9	22	6	63	9	8.7	0.5	0.13	9.107	9.013	31.749	2.556	0.002556	9
9	22	7	501	57	11.4	0.2	0.13	186.272	19.399	995.603	932.257	0.932257	9
9	22	8	698	87	15.3	0.1	0.13	430.739	35.134	2525.079	2407.537	2.407537	9
9	22	9	777	109	19.6	0.1	0.13	647.303	49.405	3597.084	3441.557	3.441557	9
9	22	10	825	125	22.1	0.2	0.13	824.408	58.769	4364.692	4181.966	4.181966	9
9	22	11	531	255	23.1	0.1	0.13	776.395	58.67	4071.682	3899.338	3.899338	9
9	22	12	489	287	23.9	0.1	0.13	789.922	60.063	4106.272	3932.702	3.932702	9
9	22	13	762	170	24.5	0.2	0.13	901.171	64.514	4618.958	4427.222	4.427222	9
9	22	14	449	251	24.5	0.2	0.13	650.935	53.4	3502.853	3350.665	3.350665	9
9	22	15	313	216	24	0.2	0.13	441.997	43.658	2481.034	2365.053	2.365053	9
9	22	16	423	126	22.7	0.3	0.13	340.087	37.386	1961.182	1863.621	1.863621	9
9	22	17	266	70	20.6	0.6	0.13	141.623	26.055	757.248	702.348	0.702348	9
9	22	18	7	6	19.6	0.8	0.13	5.878	19.788	19.526	0	0	9
9	22	19	0	0	16.5	0.9	0.13	0	16.5	0	0	0	9
9	22	20	0	0	14.9	0.6	0.13	0	14.9	0	0	0	9
9	22	21	0	0	14.2	0.3	0.13	0	14.2	0	0	0	9
9	22	22	0	0	13.7	0.2	0.13	0	13.7	0	0	0	9
9	22	23	0	0	13.1	0.2	0.13	0	13.1	0	0	0	9
9	23	0	0	0	12.6	0.2	0.13	0	12.6	0	0	0	9
9	23	1	0	0	12	0.2	0.13	0	12	0	0	0	9
9	23	2	0	0	11.4	0.2	0.13	0	11.4	0	0	0	9

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
9	23	3	0	0	11	0.2	0.13	0	11	0	0	0	9
9	23	4	0	0	10.5	0.2	0.13	0	10.5	0	0	0	9
9	23	5	0	0	10.1	0.2	0.13	0	10.1	0	0	0	9
9	23	6	0	5	11.1	0.2	0.13	4.849	11.286	16.852	0	0	9
9	23	7	244	70	13.7	0.2	0.13	132.678	19.46	726.668	672.851	0.672851	9
9	23	8	367	131	17.2	0.2	0.13	317.385	31.338	1870.508	1776.161	1.776161	9
9	23	9	586	166	21.3	0.2	0.13	577.907	47.042	3230.497	3087.96	3.08796	9
9	23	10	219	298	23.9	0.2	0.13	493.471	45.778	2719.348	2594.923	2.594923	9
9	23	11	122	334	24.7	0.2	0.13	465.993	45.312	2548.473	2430.103	2.430103	9
9	23	12	162	361	24.8	0.2	0.13	537.894	48.59	2907.296	2776.211	2.776211	9
9	23	13	327	314	24.6	0.2	0.13	642.481	53.066	3436.17	3286.345	3.286345	9
9	23	14	107	300	24.5	0.2	0.13	394.736	41.983	2191.477	2085.757	2.085757	9
9	23	15	13	183	23.9	0.2	0.13	186.342	32.162	1057.479	991.941	0.991941	9
9	23	16	8	125	22.1	0.2	0.13	124.436	27.633	716.219	662.772	0.662772	9
9	23	17	16	68	19.4	0.1	0.13	69.377	22.571	391.137	349.209	0.349209	9
9	23	18	1	4	18	0.2	0.13	3.885	18.149	12.839	0	0	9
9	23	19	0	0	16.6	0.2	0.13	0	16.6	0	0	0	9
9	23	20	0	0	16.1	0.2	0.13	0	16.1	0	0	0	9
9	23	21	0	0	15.5	0.2	0.13	0	15.5	0	0	0	9
9	23	22	0	0	14.9	0.2	0.13	0	14.9	0	0	0	9
9	23	23	0	0	14.5	0.2	0.13	0	14.5	0	0	0	9
9	24	0	0	0	14.1	0.2	0.13	0	14.1	0	0	0	9
9	24	1	0	0	13.6	0.2	0.13	0	13.6	0	0	0	9
9	24	2	0	0	13.2	0.2	0.13	0	13.2	0	0	0	9
9	24	3	0	0	13	0.3	0.13	0	13	0	0	0	9
9	24	4	0	0	13	0.5	0.13	0	13	0	0	0	9
9	24	5	0	0	13.3	0.6	0.13	0	13.3	0	0	0	9
9	24	6	0	2	14.1	0.5	0.13	1.94	14.168	6.325	0	0	9
9	24	7	15	60	16	0.2	0.13	62.356	18.759	355.41	314.749	0.314749	9
9	24	8	55	135	19.5	0.1	0.13	160.196	26.861	935.842	874.614	0.874614	9
9	24	9	476	184	22.9	0.2	0.13	523.218	46.196	2926.681	2794.909	2.794909	9
9	24	10	57	267	24.6	0.3	0.13	318.261	38.254	1781.218	1690.035	1.690035	9
9	24	11	125	346	25.4	0.3	0.13	482.038	46.065	2630.073	2508.811	2.508811	9
9	24	12	547	258	25.8	0.3	0.13	811.763	60.687	4215.497	4038.057	4.038057	9
9	24	13	480	263	26	0.3	0.13	736.784	57.67	3879.667	3714.127	3.714127	9
9	24	14	398	235	25.8	0.3	0.13	590.195	51.197	3203.978	3062.381	3.062381	9
9	24	15	687	125	25.2	0.3	0.13	603.726	51.28	3324.657	3178.783	3.178783	9
9	24	16	582	100	24	0.3	0.13	387.461	40.734	2211.749	2105.31	2.10531	9
9	24	17	379	63	21	0.2	0.13	159.961	27.89	829.492	772.032	0.772032	9
9	24	18	24	5	18.9	0.2	0.13	4.849	19.086	16.156	0	0	9
9	24	19	0	0	16.3	0.2	0.13	0	16.3	0	0	0	9
9	24	20	0	0	15.6	0.2	0.13	0	15.6	0	0	0	9
9	24	21	0	0	14.8	0.2	0.13	0	14.8	0	0	0	9

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
9	24	22	0	0	14.2	0.2	0.13	0	14.2	0	0	0	9
9	24	23	0	0	13.8	0.3	0.13	0	13.8	0	0	0	9
9	25	0	0	0	13.4	0.3	0.13	0	13.4	0	0	0	9
9	25	1	0	0	13.1	0.2	0.13	0	13.1	0	0	0	9
9	25	2	0	0	13.3	0.2	0.13	0	13.3	0	0	0	9
9	25	3	0	0	13.8	0.1	0.13	0	13.8	0	0	0	9
9	25	4	0	0	13.7	0.1	0.13	0	13.7	0	0	0	9
9	25	5	0	0	13.3	0.1	0.13	0	13.3	0	0	0	9
9	25	6	0	2	13.8	0.2	0.13	1.94	13.874	6.335	0	0	9
9	25	7	302	63	16.1	0.3	0.13	142.161	22.056	760.952	705.921	0.705921	9
9	25	8	644	84	19.6	0.3	0.13	400.656	36.908	2327.469	2216.93	2.21693	9
9	25	9	663	122	22.7	0.3	0.13	585.087	47.975	3266.621	3122.804	3.122804	9
9	25	10	311	272	24.6	0.4	0.13	549.745	47.534	3021.797	2886.655	2.886655	9
9	25	11	425	289	26.1	0.3	0.13	714.156	56.787	3770.357	3608.69	3.60869	9
9	25	12	858	113	27.2	0.3	0.13	938.031	67.582	4746.082	4549.841	4.549841	9
9	25	13	862	104	27.9	0.3	0.13	903.347	66.808	4597.034	4406.075	4.406075	9
9	25	14	833	99	28	0.3	0.13	796.766	62.362	4159.471	3984.016	3.984016	9
9	25	15	772	92	27.5	0.3	0.13	620.342	54.313	3379.938	3232.105	3.232105	9
9	25	16	599	88	26.4	0.2	0.13	380.9	43.373	2148.726	2044.52	2.04452	9
9	25	17	436	54	23.9	0.3	0.13	164.28	30.723	828.732	771.299	0.771299	9
9	25	18	29	5	22.1	0.5	0.13	0	22.1	0	0	0	9
9	25	19	0	0	20.1	0.2	0.13	0	20.1	0	0	0	9
9	25	20	0	0	19.8	0.2	0.13	0	19.8	0	0	0	9
9	25	21	0	0	19	0.2	0.13	0	19	0	0	0	9
9	25	22	0	0	17.9	0.2	0.13	0	17.9	0	0	0	9
9	25	23	0	0	16.9	0.1	0.13	0	16.9	0	0	0	9
9	26	0	0	0	16.1	0.1	0.13	0	16.1	0	0	0	9
9	26	1	0	0	15.3	0.1	0.13	0	15.3	0	0	0	9
9	26	2	0	0	14.8	0.1	0.13	0	14.8	0	0	0	9
9	26	3	0	0	14.4	0.1	0.13	0	14.4	0	0	0	9
9	26	4	0	0	14.2	0.1	0.13	0	14.2	0	0	0	9
9	26	5	0	0	14	0.1	0.13	0	14	0	0	0	9
9	26	6	35	5	15.1	0.2	0.13	4.849	15.286	16.496	0	0	9
9	26	7	453	55	18.1	0.2	0.13	171.571	25.461	889.658	830.066	0.830066	9
9	26	8	648	86	21.7	0.3	0.13	404.167	39.159	2326.353	2215.853	2.215853	9
9	26	9	468	164	24.6	0.3	0.13	495.937	46.006	2776.908	2650.443	2.650443	9
9	26	10	226	285	26.3	0.3	0.13	485.014	47.147	2659.743	2537.429	2.537429	9
9	26	11	183	347	27.6	0.4	0.13	536.067	49.909	2889.98	2759.508	2.759508	9
9	26	12	85	339	28.5	0.4	0.13	429.761	46.361	2330.464	2219.818	2.219818	9
9	26	13	43	290	28.9	0.4	0.13	335.617	42.847	1835.262	1742.164	1.742164	9
9	26	14	80	273	28.9	0.5	0.13	343.573	42.791	1894.315	1799.124	1.799124	9
9	26	15	83	200	28.3	0.5	0.13	256.277	38.689	1439.053	1359.994	1.359994	9
9	26	16	442	115	26.9	0.4	0.13	332.086	40.805	1883.477	1788.67	1.78867	9

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
9	26	17	371	58	23.8	0.3	0.13	150.493	30.061	762.858	707.759	0.707759	9
9	26	18	20	3	21.7	0.2	0.13	0	21.7	0	0	0	9
9	26	19	0	0	19.8	0.2	0.13	0	19.8	0	0	0	9
9	26	20	0	0	19	0.2	0.13	0	19	0	0	0	9
9	26	21	0	0	18.2	0.2	0.13	0	18.2	0	0	0	9
9	26	22	0	0	17.6	0.2	0.13	0	17.6	0	0	0	9
9	26	23	0	0	17	0.2	0.13	0	17	0	0	0	9
9	27	0	0	0	16.5	0.2	0.13	0	16.5	0	0	0	9
9	27	1	0	0	16	0.2	0.13	0	16	0	0	0	9
9	27	2	0	0	15.6	0.2	0.13	0	15.6	0	0	0	9
9	27	3	0	0	15.4	0.2	0.13	0	15.4	0	0	0	9
9	27	4	0	0	15.1	0.2	0.13	0	15.1	0	0	0	9
9	27	5	0	0	14.9	0.2	0.13	0	14.9	0	0	0	9
9	27	6	30	6	15.6	0.2	0.13	0	15.6	0	0	0	9
9	27	7	441	54	17.9	0.4	0.13	167.423	24.651	869.326	810.455	0.810455	9
9	27	8	652	85	21	0.5	0.13	404.448	37.455	2344.1	2232.971	2.232971	9
9	27	9	113	223	23.5	0.6	0.13	308.436	35.652	1765.406	1674.782	1.674782	9
9	27	10	206	280	25.1	0.6	0.13	463.282	43.325	2578.99	2459.538	2.459538	9
9	27	11	58	301	26.4	0.6	0.13	361.384	40.574	2001.206	1902.227	1.902227	9
9	27	12	207	343	27.4	0.6	0.13	560.182	49.394	3027.497	2892.152	2.892152	9
9	27	13	263	314	28	0.6	0.13	582.553	50.894	3140.659	3001.305	3.001305	9
9	27	14	803	115	28	0.5	0.13	785.48	59.907	4145.805	3970.835	3.970835	9
9	27	15	733	107	27.6	0.5	0.13	607.865	52.346	3339.229	3192.839	3.192839	9
9	27	16	609	90	26.5	0.4	0.13	383.609	42.564	2168.524	2063.616	2.063616	9
9	27	17	380	57	24.1	0.3	0.13	150.342	30.342	756.178	701.316	0.701316	9
9	27	18	11	2	22.4	0.2	0.13	0	22.4	0	0	0	9
9	27	19	0	0	21	0.2	0.13	0	21	0	0	0	9
9	27	20	0	0	20	0.2	0.13	0	20	0	0	0	9
9	27	21	0	0	19.1	0.2	0.13	0	19.1	0	0	0	9
9	27	22	0	0	18.4	0.2	0.13	0	18.4	0	0	0	9
9	27	23	0	0	18	0.2	0.13	0	18	0	0	0	9
9	28	0	0	0	17.6	0.2	0.13	0	17.6	0	0	0	9
9	28	1	0	0	17.2	0.2	0.13	0	17.2	0	0	0	9
9	28	2	0	0	17.5	0.2	0.13	0	17.5	0	0	0	9
9	28	3	0	0	18	0.2	0.13	0	18	0	0	0	9
9	28	4	0	0	18.1	0.2	0.13	0	18.1	0	0	0	9
9	28	5	0	0	18.1	0.2	0.13	0	18.1	0	0	0	9
9	28	6	0	2	18.1	0.2	0.13	0	18.1	0	0	0	9
9	28	7	0	29	18.7	0.3	0.13	27.426	19.878	150.865	117.451	0.117451	9
9	28	8	119	96	19.9	0.4	0.13	153.848	26.339	901.815	841.793	0.841793	9
9	28	9	185	224	21.3	0.5	0.13	357.275	35.797	2057.882	1956.895	1.956895	9
9	28	10	27	231	22.8	0.6	0.13	255.934	32.848	1454.41	1374.807	1.374807	9
9	28	11	45	289	23.6	0.6	0.13	336.764	36.807	1890.005	1794.966	1.794966	9

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
9	28	12	1	121	23.5	0.6	0.13	116.515	28.063	650.226	599.118	0.599118	9
9	28	13	0	81	22.9	0.6	0.13	76.921	25.914	426.38	383.204	0.383204	9
9	28	14	0	97	21.3	0.6	0.13	92.165	24.917	519.96	473.467	0.473467	9
9	28	15	0	83	18.6	0.6	0.13	78.728	21.697	451.578	407.509	0.407509	9
9	28	16	0	14	15.8	0.6	0.13	13.23	16.322	72.444	41.809	0.041809	9
9	28	17	199	44	14	0.6	0.13	94.555	17.612	501.071	455.248	0.455248	9
9	28	18	7	1	13.5	0.5	0.13	0	13.5	0	0	0	9
9	28	19	0	0	12.7	0.2	0.13	0	12.7	0	0	0	9
9	28	20	0	0	11.8	0.1	0.13	0	11.8	0	0	0	9
9	28	21	0	0	11.2	0.1	0.13	0	11.2	0	0	0	9
9	28	22	0	0	11.1	0.1	0.13	0	11.1	0	0	0	9
9	28	23	0	0	10.9	0.1	0.13	0	10.9	0	0	0	9
9	29	0	0	0	10.4	0.1	0.13	0	10.4	0	0	0	9
9	29	1	0	0	9.9	0.1	0.13	0	9.9	0	0	0	9
9	29	2	0	0	9.3	0.1	0.13	0	9.3	0	0	0	9
9	29	3	0	0	8.7	0.1	0.13	0	8.7	0	0	0	9
9	29	4	0	0	8.3	0.1	0.13	0	8.3	0	0	0	9
9	29	5	0	0	8.1	0.2	0.13	0	8.1	0	0	0	9
9	29	6	23	4	8.9	0.2	0.13	0	8.9	0	0	0	9
9	29	7	493	49	11.2	0.1	0.13	174.253	18.891	916.434	855.893	0.855893	9
9	29	8	450	108	14.5	0.1	0.13	330.82	29.724	1965.739	1868.017	1.868017	9
9	29	9	629	133	17.4	0.2	0.13	571.61	42.881	3260.148	3116.56	3.11656	9
9	29	10	59	263	19.1	0.2	0.13	316.455	33.115	1811.462	1719.207	1.719207	9
9	29	11	25	257	20.1	0.2	0.13	284.341	32.668	1614.009	1528.75	1.52875	9
9	29	12	8	206	20.6	0.3	0.13	207.443	29.479	1177.614	1107.819	1.107819	9
9	29	13	36	227	19.9	0.3	0.13	262.085	31.131	1495.526	1414.465	1.414465	9
9	29	14	47	239	18.5	0.2	0.13	280.539	30.924	1614.799	1529.512	1.529512	9
9	29	15	480	166	17.7	0.3	0.13	498.901	39.242	2877.472	2747.444	2.747444	9
9	29	16	146	115	16.9	0.2	0.13	184.433	25.107	1091.974	1025.213	1.025213	9
9	29	17	0	42	15.1	0.2	0.13	39.954	16.868	225.306	189.254	0.189254	9
9	29	18	0	1	13.7	0.1	0.13	0	13.7	0	0	0	9
9	29	19	0	0	12.2	0.2	0.13	0	12.2	0	0	0	9
9	29	20	0	0	11.8	0.2	0.13	0	11.8	0	0	0	9
9	29	21	0	0	11.2	0.2	0.13	0	11.2	0	0	0	9
9	29	22	0	0	10.6	0.2	0.13	0	10.6	0	0	0	9
9	29	23	0	0	9.9	0.2	0.13	0	9.9	0	0	0	9
9	30	0	0	0	9.2	0.2	0.13	0	9.2	0	0	0	9
9	30	1	0	0	8.8	0.2	0.13	0	8.8	0	0	0	9
9	30	2	0	0	8.5	0.2	0.13	0	8.5	0	0	0	9
9	30	3	0	0	8.2	0.2	0.13	0	8.2	0	0	0	9
9	30	4	0	0	8	0.2	0.13	0	8	0	0	0	9
9	30	5	0	0	8	0.3	0.13	0	8	0	0	0	9
9	30	6	21	4	8.5	0.4	0.13	0	8.5	0	0	0	9

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
9	30	7	507	46	10.1	0.5	0.13	174.177	16.882	918.345	857.736	0.857736	9
9	30	8	736	66	13.4	0.7	0.13	420.373	29.564	2516.863	2399.613	2.399613	9
9	30	9	838	75	17.2	0.8	0.13	639.893	41.175	3692.517	3533.609	3.533609	9
9	30	10	879	84	20.1	0.9	0.13	807.872	49.514	4466.602	4280.264	4.280264	9
9	30	11	894	92	21.9	0.9	0.13	911.636	55.047	4894.029	4692.547	4.692547	9
9	30	12	852	115	23.1	0.8	0.13	924.93	57.608	4899.162	4697.497	4.697497	9
9	30	13	603	210	24.1	0.7	0.13	786.699	54.236	4222.4	4044.716	4.044716	9
9	30	14	422	211	24.3	0.7	0.13	577.568	46.441	3207.973	3066.234	3.066234	9
9	30	15	237	209	23.9	0.6	0.13	379.419	38.873	2167.842	2062.959	2.062959	9
9	30	16	554	89	23.1	0.5	0.13	351.851	37.396	2022.698	1922.958	1.922958	9
9	30	17	0	27	21.4	0.3	0.13	25.534	22.494	137.144	104.216	0.104216	9
9	30	18	0	0	20.2	0.2	0.13	0	20.2	0	0	0	9
9	30	19	0	0	10	0.3	0.12	0	10	0	0	0	9
9	30	20	0	0	8	0.3	0.12	0	8	0	0	0	9
9	30	21	0	0	8	0.3	0.12	0	8	0	0	0	9
9	30	22	0	0	7	0.3	0.12	0	7	0	0	0	9
9	30	23	0	0	7	0.3	0.12	0	7	0	0	0	9
10	1	0	0	0	6	0.3	0.12	0	6	0	0	0	10
10	1	1	0	0	6	0.3	0.12	0	6	0	0	0	10
10	1	2	0	0	5	0.4	0.12	0	5	0	0	0	10
10	1	3	0	0	5	0.3	0.12	0	5	0	0	0	10
10	1	4	0	0	5	0.3	0.12	0	5	0	0	0	10
10	1	5	0	0	4	0.3	0.12	0	4	0	0	0	10
10	1	6	0	0	4	0.3	0.12	0	4	0	0	0	10
10	1	7	0	35	5	0.4	0.12	33.114	6.379	194.418	159.461	0.159461	10
10	1	8	0	35	7	0.5	0.12	33.101	8.344	195.921	160.911	0.160911	10
10	1	9	0	157	8	0.5	0.12	152.021	14.155	922.443	861.689	0.861689	10
10	1	10	0	132	9	0.5	0.12	126.419	14.106	755.417	700.582	0.700582	10
10	1	11	29	282	10	0.5	0.12	315.247	22.722	1868.467	1774.192	1.774192	10
10	1	12	34	301	11	0.6	0.12	341.322	24.38	2011.263	1911.928	1.911928	10
10	1	13	0	113	12	0.6	0.12	107.728	16.222	631.399	580.958	0.580958	10
10	1	14	0	104	12	0.6	0.12	98.956	15.884	582.168	533.472	0.533472	10
10	1	15	0	148	12	0.5	0.12	143.055	17.793	854.681	796.329	0.796329	10
10	1	16	640	84	11	0.4	0.12	382.821	27.017	2297.156	2187.691	2.187691	10
10	1	17	393	51	10	0.3	0.12	142.877	15.882	741.324	686.988	0.686988	10
10	1	18	0	0	9	0.2	0.12	0	9	0	0	0	10
10	1	19	0	0	8	0.2	0.12	0	8	0	0	0	10
10	1	20	0	0	7	0.2	0.12	0	7	0	0	0	10
10	1	21	0	0	6	0.2	0.12	0	6	0	0	0	10
10	1	22	0	0	5	0.2	0.12	0	5	0	0	0	10
10	1	23	0	0	4	0.2	0.12	0	4	0	0	0	10
10	2	0	0	0	4	0.2	0.12	0	4	0	0	0	10
10	2	1	0	0	3	0.2	0.12	0	3	0	0	0	10

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
10	2	2	0	0	3	0.2	0.12	0	3	0	0	0	10
10	2	3	0	0	2	0.2	0.12	0	2	0	0	0	10
10	2	4	0	0	2	0.2	0.12	0	2	0	0	0	10
10	2	5	0	0	2	0.2	0.12	0	2	0	0	0	10
10	2	6	0	0	2	0.2	0.12	0	2	0	0	0	10
10	2	7	498	46	4	0.3	0.12	171.311	11.075	920.561	859.873	0.859873	10
10	2	8	735	69	7	0.4	0.12	421.469	24.659	2570.854	2451.69	2.45169	10
10	2	9	843	81	10	0.5	0.12	650.811	36.512	3827.833	3664.13	3.66413	10
10	2	10	891	92	12	0.6	0.12	823.232	44.516	4647.946	4455.183	4.455183	10
10	2	11	923	95	14	0.6	0.12	936.972	50.961	5119.278	4909.814	4.909814	10
10	2	12	556	247	15	0.6	0.12	799.109	46.456	4421.481	4236.742	4.236742	10
10	2	13	938	85	16	0.6	0.12	933.139	52.816	5062.159	4854.718	4.854718	10
10	2	14	909	81	16	0.6	0.12	814.149	48.167	4533.279	4344.579	4.344579	10
10	2	15	855	73	16	0.5	0.12	631.412	41.731	3641.534	3484.432	3.484432	10
10	2	16	736	63	15	0.4	0.12	399.486	31.71	2353.093	2241.646	2.241646	10
10	2	17	493	39	12	0.2	0.12	150.744	18.336	751.258	696.57	0.69657	10
10	2	18	0	0	10	0.2	0.12	0	10	0	0	0	10
10	2	19	0	0	9	0.2	0.12	0	9	0	0	0	10
10	2	20	0	0	9	0.2	0.12	0	9	0	0	0	10
10	2	21	0	0	8	0.2	0.12	0	8	0	0	0	10
10	2	22	0	0	7	0.2	0.12	0	7	0	0	0	10
10	2	23	0	0	7	0.2	0.12	0	7	0	0	0	10
10	3	0	0	0	6	0.2	0.12	0	6	0	0	0	10
10	3	1	0	0	6	0.1	0.12	0	6	0	0	0	10
10	3	2	0	0	6	0.1	0.12	0	6	0	0	0	10
10	3	3	0	0	5	0.1	0.12	0	5	0	0	0	10
10	3	4	0	0	5	0.1	0.12	0	5	0	0	0	10
10	3	5	0	0	5	0.1	0.12	0	5	0	0	0	10
10	3	6	0	0	5	0.1	0.12	0	5	0	0	0	10
10	3	7	141	59	7	0.2	0.12	96.721	11.205	543.634	496.303	0.496303	10
10	3	8	706	69	9	0.2	0.12	407.301	27.151	2458.295	2343.12	2.34312	10
10	3	9	821	79	13	0.2	0.12	632.988	41.25	3653.34	3495.82	3.49582	10
10	3	10	868	89	16	0.3	0.12	799.86	50.52	4406.995	4222.769	4.222769	10
10	3	11	890	97	17	0.4	0.12	907.804	54.955	4879.224	4678.266	4.678266	10
10	3	12	896	101	18	0.4	0.12	943.421	57.428	5006.84	4801.36	4.80136	10
10	3	13	894	96	19	0.4	0.12	903.971	56.799	4822.403	4623.458	4.623458	10
10	3	14	864	91	19	0.4	0.12	787.166	51.961	4313.963	4133.034	4.133034	10
10	3	15	805	81	19	0.3	0.12	609.101	45.352	3459.194	3308.553	3.308553	10
10	3	16	695	65	18	0.2	0.12	381.227	34.957	2211.707	2105.27	2.10527	10
10	3	17	453	39	15	0.5	0.12	140.784	20.398	692.448	639.844	0.639844	10
10	3	18	0	0	13	1	0.12	0	13	0	0	0	10
10	3	19	0	0	13	1.1	0.12	0	13	0	0	0	10
10	3	20	0	0	12	1	0.12	0	12	0	0	0	10

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
10	3	21	0	0	12	1	0.12	0	12	0	0	0	10
10	3	22	0	0	11	1	0.12	0	11	0	0	0	10
10	3	23	0	0	11	1	0.12	0	11	0	0	0	10
10	4	0	0	0	10	0.9	0.12	0	10	0	0	0	10
10	4	1	0	0	10	0.9	0.12	0	10	0	0	0	10
10	4	2	0	0	10	0.8	0.12	0	10	0	0	0	10
10	4	3	0	0	9	0.8	0.12	0	9	0	0	0	10
10	4	4	0	0	8	0.9	0.12	0	8	0	0	0	10
10	4	5	0	0	8	0.9	0.12	0	8	0	0	0	10
10	4	6	0	0	8	0.6	0.12	0	8	0	0	0	10
10	4	7	483	42	10	0.2	0.12	162.906	16.927	848.379	790.25	0.79025	10
10	4	8	705	66	14	0.1	0.12	402.806	32.539	2378.972	2266.608	2.266608	10
10	4	9	806	81	17	0.1	0.12	624.248	45.777	3536.655	3383.269	3.383269	10
10	4	10	856	92	19	0.2	0.12	792.046	54.272	4295.693	4115.412	4.115412	10
10	4	11	878	99	21	0.2	0.12	897.425	60.912	4701.516	4506.855	4.506855	10
10	4	12	883	102	22	0.2	0.12	930.344	63.359	4812.216	4613.632	4.613632	10
10	4	13	881	95	22	0.2	0.12	888.841	61.536	4646.595	4453.88	4.45388	10
10	4	14	848	91	22	0.2	0.12	771.949	56.385	4152.483	3977.276	3.977276	10
10	4	15	785	82	22	0.2	0.12	594.957	48.561	3333.871	3187.671	3.187671	10
10	4	16	667	67	21	0.2	0.12	369.779	37.442	2119.722	2016.544	2.016544	10
10	4	17	416	39	18	0.5	0.12	131.717	23.047	637.812	587.144	0.587144	10
10	4	18	0	0	16	0.9	0.12	0	16	0	0	0	10
10	4	19	0	0	15	1	0.12	0	15	0	0	0	10
10	4	20	0	0	14	1	0.12	0	14	0	0	0	10
10	4	21	0	0	14	1	0.12	0	14	0	0	0	10
10	4	22	0	0	13	1	0.12	0	13	0	0	0	10
10	4	23	0	0	12	0.9	0.12	0	12	0	0	0	10
10	5	0	0	0	11	0.8	0.12	0	11	0	0	0	10
10	5	1	0	0	10	0.7	0.12	0	10	0	0	0	10
10	5	2	0	0	9	0.7	0.12	0	9	0	0	0	10
10	5	3	0	0	9	0.7	0.12	0	9	0	0	0	10
10	5	4	0	0	9	0.7	0.12	0	9	0	0	0	10
10	5	5	0	0	9	0.8	0.12	0	9	0	0	0	10
10	5	6	0	0	9	0.6	0.12	0	9	0	0	0	10
10	5	7	408	48	11	0.2	0.12	151.212	17.452	792.311	736.168	0.736168	10
10	5	8	643	80	15	0	0.12	389.796	33.535	2289.81	2180.605	2.180605	10
10	5	9	758	97	19	0	0.12	609.415	48.025	3417.716	3268.545	3.268545	10
10	5	10	810	112	22	0	0.12	781.278	59.127	4146.294	3971.307	3.971307	10
10	5	11	834	121	23	0.1	0.12	887.55	63.763	4588.715	4398.051	4.398051	10
10	5	12	835	126	24	0.1	0.12	917.962	66.142	4686.627	4492.493	4.492493	10
10	5	13	849	111	25	0.1	0.12	882.46	65.538	4529.809	4341.232	4.341232	10
10	5	14	814	105	25	0.1	0.12	763.396	60.118	4038.415	3867.25	3.86725	10
10	5	15	746	94	25	0.1	0.12	582.68	51.866	3217.543	3075.465	3.075465	10

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
10	5	16	616	77	24	0.2	0.12	356.519	39.848	2019.51	1919.883	1.919883	10
10	5	17	349	43	21	0.7	0.12	120.806	25.388	582.657	533.944	0.533944	10
10	5	18	0	0	18	0.9	0.12	0	18	0	0	0	10
10	5	19	0	0	16	0.7	0.12	0	16	0	0	0	10
10	5	20	0	0	15	0.3	0.12	0	15	0	0	0	10
10	5	21	0	0	14	0.2	0.12	0	14	0	0	0	10
10	5	22	0	0	13	0.2	0.12	0	13	0	0	0	10
10	5	23	0	0	13	0.2	0.12	0	13	0	0	0	10
10	6	0	0	0	12	0.2	0.12	0	12	0	0	0	10
10	6	1	0	0	12	0.2	0.12	0	12	0	0	0	10
10	6	2	0	0	11	0.2	0.12	0	11	0	0	0	10
10	6	3	0	0	11	0.2	0.12	0	11	0	0	0	10
10	6	4	0	0	11	0.2	0.12	0	11	0	0	0	10
10	6	5	0	0	10	0.1	0.12	0	10	0	0	0	10
10	6	6	0	0	11	0.1	0.12	0	11	0	0	0	10
10	6	7	195	53	13	0.2	0.12	102.848	17.437	550.688	503.107	0.503107	10
10	6	8	681	71	17	0.2	0.12	396.563	34.667	2319.573	2209.313	2.209313	10
10	6	9	795	86	20	0.2	0.12	620.209	47.683	3486.802	3335.183	3.335183	10
10	6	10	863	90	23	0.2	0.12	792.107	58.281	4224.812	4047.042	4.047042	10
10	6	11	889	95	24	0.2	0.12	898.7	63.976	4647.648	4454.896	4.454896	10
10	6	12	893	98	25	0.2	0.12	930.403	66.37	4751.168	4554.747	4.554747	10
10	6	13	822	123	26	0.3	0.12	869.782	63.489	4506.051	4318.315	4.318315	10
10	6	14	783	117	26	0.3	0.12	749.92	58.368	3997.158	3827.455	3.827455	10
10	6	15	712	104	25	0.3	0.12	570.203	49.667	3176.792	3036.157	3.036157	10
10	6	16	572	84	22	0.2	0.12	343.113	37.249	1960.761	1863.216	1.863216	10
10	6	17	295	44	19	0.2	0.12	109.431	23.615	532.215	485.289	0.485289	10
10	6	18	0	0	16	0.2	0.12	0	16	0	0	0	10
10	6	19	0	0	15	0.2	0.12	0	15	0	0	0	10
10	6	20	0	0	15	0.2	0.12	0	15	0	0	0	10
10	6	21	0	0	14	0.2	0.12	0	14	0	0	0	10
10	6	22	0	0	14	0.2	0.12	0	14	0	0	0	10
10	6	23	0	0	13	0.2	0.12	0	13	0	0	0	10
10	7	0	0	0	12	0.2	0.12	0	12	0	0	0	10
10	7	1	0	0	12	0.2	0.12	0	12	0	0	0	10
10	7	2	0	0	11	0.1	0.12	0	11	0	0	0	10
10	7	3	0	0	11	0.1	0.12	0	11	0	0	0	10
10	7	4	0	0	10	0.1	0.12	0	10	0	0	0	10
10	7	5	0	0	10	0.1	0.12	0	10	0	0	0	10
10	7	6	0	0	11	0.1	0.12	0	11	0	0	0	10
10	7	7	346	52	13	0.2	0.12	139.533	18.966	729.078	675.176	0.675176	10
10	7	8	609	87	17	0.2	0.12	380.276	33.939	2227.209	2120.222	2.120222	10
10	7	9	737	105	20	0.2	0.12	604.257	46.965	3403.827	3255.148	3.255148	10
10	7	10	815	111	23	0.3	0.12	781.034	56.708	4191.642	4015.047	4.015047	10

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
10	7	11	849	116	25	0.3	0.12	891.412	63.422	4619.035	4427.296	4.427296	10
10	7	12	861	116	26	0.3	0.12	926.05	65.901	4737.095	4541.173	4.541173	10
10	7	13	867	105	27	0.3	0.12	886.437	65.217	4560.596	4370.928	4.370928	10
10	7	14	834	98	27	0.3	0.12	765.96	60.071	4056.918	3885.097	3.885097	10
10	7	15	768	88	26	0.3	0.12	583.258	51.241	3233.073	3090.445	3.090445	10
10	7	16	642	70	23	0.2	0.12	355.915	38.811	2019.586	1919.956	1.919956	10
10	7	17	376	38	20	0.2	0.12	118.843	24.956	557.733	509.903	0.509903	10
10	7	18	0	0	17	0.2	0.12	0	17	0	0	0	10
10	7	19	0	0	16	0.2	0.12	0	16	0	0	0	10
10	7	20	0	0	15	0.2	0.12	0	15	0	0	0	10
10	7	21	0	0	14	0.2	0.12	0	14	0	0	0	10
10	7	22	0	0	14	0.2	0.12	0	14	0	0	0	10
10	7	23	0	0	13	0.2	0.12	0	13	0	0	0	10
10	8	0	0	0	13	0.2	0.12	0	13	0	0	0	10
10	8	1	0	0	12	0.2	0.12	0	12	0	0	0	10
10	8	2	0	0	12	0.2	0.12	0	12	0	0	0	10
10	8	3	0	0	12	0.2	0.12	0	12	0	0	0	10
10	8	4	0	0	12	0.2	0.12	0	12	0	0	0	10
10	8	5	0	0	12	0.2	0.12	0	12	0	0	0	10
10	8	6	0	0	12	0.2	0.12	0	12	0	0	0	10
10	8	7	432	42	14	0.2	0.12	149.588	20.351	762.018	706.949	0.706949	10
10	8	8	670	70	17	0.3	0.12	388.813	33.784	2279.691	2170.844	2.170844	10
10	8	9	782	87	20	0.3	0.12	610.356	46.406	3450.904	3300.557	3.300557	10
10	8	10	843	96	23	0.2	0.12	784.765	57.956	4192.441	4015.818	4.015818	10
10	8	11	870	102	25	0.2	0.12	885.72	64.402	4573.84	4383.702	4.383702	10
10	8	12	875	105	26	0.1	0.12	917.221	68.129	4648.828	4456.034	4.456034	10
10	8	13	818	123	27	0.1	0.12	861.504	66.581	4404.336	4220.205	4.220205	10
10	8	14	783	115	27	0.1	0.12	742.82	61.177	3913.442	3746.705	3.746705	10
10	8	15	714	101	27	0.1	0.12	563.527	52.987	3097.334	2959.515	2.959515	10
10	8	16	588	78	25	0.2	0.12	339.749	40.089	1913.382	1817.516	1.817516	10
10	8	17	312	39	22	0.7	0.12	106.341	25.833	497.598	451.898	0.451898	10
10	8	18	0	0	18	0.7	0.12	0	18	0	0	0	10
10	8	19	0	0	16	0.3	0.12	0	16	0	0	0	10
10	8	20	0	0	15	0.2	0.12	0	15	0	0	0	10
10	8	21	0	0	14	0.2	0.12	0	14	0	0	0	10
10	8	22	0	0	13	0.2	0.12	0	13	0	0	0	10
10	8	23	0	0	12	0.2	0.12	0	12	0	0	0	10
10	9	0	0	0	11	0.2	0.12	0	11	0	0	0	10
10	9	1	0	0	11	0.2	0.12	0	11	0	0	0	10
10	9	2	0	0	10	0.2	0.12	0	10	0	0	0	10
10	9	3	0	0	10	0.2	0.12	0	10	0	0	0	10
10	9	4	0	0	9	0.2	0.12	0	9	0	0	0	10
10	9	5	0	0	9	0.2	0.12	0	9	0	0	0	10

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
10	9	6	0	0	10	0.2	0.12	0	10	0	0	0	10
10	9	7	376	41	12	0.2	0.12	135.453	17.756	696.885	644.124	0.644124	10
10	9	8	459	97	14	0.2	0.12	318.992	28.204	1901.428	1805.985	1.805985	10
10	9	9	309	195	17	0.2	0.12	412.814	35.385	2406.408	2293.071	2.293071	10
10	9	10	325	257	20	0.3	0.12	540.602	43.277	3037.726	2902.019	2.902019	10
10	9	11	239	316	22	0.3	0.12	550.306	45.645	3039.347	2903.583	2.903583	10
10	9	12	371	300	23	0.3	0.12	669.949	51.8	3618.381	3462.1	3.4621	10
10	9	13	357	286	24	0.3	0.12	627.508	50.989	3405.646	3256.903	3.256903	10
10	9	14	235	264	23	0.2	0.12	462.933	43.561	2589.049	2469.241	2.469241	10
10	9	15	338	178	22	0.2	0.12	402.699	39.947	2309.057	2199.17	2.19917	10
10	9	16	0	47	19	0.1	0.12	44.478	21.044	252.549	215.532	0.215532	10
10	9	17	0	36	17	0.1	0.12	34.874	18.576	186.284	151.615	0.151615	10
10	9	18	0	0	16	0.2	0.12	0	16	0	0	0	10
10	9	19	0	0	15	0.2	0.12	0	15	0	0	0	10
10	9	20	0	0	15	0.2	0.12	0	15	0	0	0	10
10	9	21	0	0	14	0.2	0.12	0	14	0	0	0	10
10	9	22	0	0	14	0.2	0.12	0	14	0	0	0	10
10	9	23	0	0	14	0.2	0.12	0	14	0	0	0	10
10	10	0	0	0	14	0.2	0.12	0	14	0	0	0	10
10	10	1	0	0	13	0.2	0.12	0	13	0	0	0	10
10	10	2	0	0	13	0.2	0.12	0	13	0	0	0	10
10	10	3	0	0	13	0.2	0.12	0	13	0	0	0	10
10	10	4	0	0	13	0.2	0.12	0	13	0	0	0	10
10	10	5	0	0	12	0.2	0.12	0	12	0	0	0	10
10	10	6	0	0	12	0.2	0.12	0	12	0	0	0	10
10	10	7	32	49	14	0.2	0.12	56.566	16.478	312.9	273.745	0.273745	10
10	10	8	293	119	16	0.2	0.12	261.938	27.661	1554.619	1471.464	1.471464	10
10	10	9	32	188	19	0.2	0.12	212.466	28.437	1237.991	1166.056	1.166056	10
10	10	10	398	238	22	0.3	0.12	576.416	46.833	3200.711	3059.229	3.059229	10
10	10	11	886	99	24	0.3	0.12	892.151	62.471	4650.031	4457.194	4.457194	10
10	10	12	897	100	25	0.3	0.12	926.665	64.945	4768.332	4571.303	4.571303	10
10	10	13	895	95	26	0.3	0.12	885.42	64.189	4583.379	4392.904	4.392904	10
10	10	14	864	89	26	0.3	0.12	770.772	59.292	4102.474	3929.039	3.929039	10
10	10	15	799	80	25	0.3	0.12	585.816	50.362	3264.606	3120.86	3.12086	10
10	10	16	679	62	22	0.2	0.12	356.15	37.803	2020.544	1920.88	1.92088	10
10	10	17	378	33	18	0.2	0.12	110.674	22.546	501.078	455.255	0.455255	10
10	10	18	0	0	16	0.2	0.12	0	16	0	0	0	10
10	10	19	0	0	16	0.2	0.12	0	16	0	0	0	10
10	10	20	0	0	15	0.2	0.12	0	15	0	0	0	10
10	10	21	0	0	15	0.2	0.12	0	15	0	0	0	10
10	10	22	0	0	14	0.2	0.12	0	14	0	0	0	10
10	10	23	0	0	13	0.2	0.12	0	13	0	0	0	10
10	11	0	0	0	13	0.2	0.12	0	13	0	0	0	10

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
10	11	1	0	0	13	0.2	0.12	0	13	0	0	0	10
10	11	2	0	0	12	0.2	0.12	0	12	0	0	0	10
10	11	3	0	0	12	0.2	0.12	0	12	0	0	0	10
10	11	4	0	0	12	0.2	0.12	0	12	0	0	0	10
10	11	5	0	0	11	0.2	0.12	0	11	0	0	0	10
10	11	6	0	0	11	0.2	0.12	0	11	0	0	0	10
10	11	7	0	28	13	0.2	0.12	26.482	14.168	146.476	113.218	0.113218	10
10	11	8	375	107	15	0.2	0.12	291.137	27.961	1731.125	1641.717	1.641717	10
10	11	9	347	185	18	0.2	0.12	425.446	36.956	2469.9	2354.314	2.354314	10
10	11	10	364	245	21	0.2	0.12	556.991	45.757	3103.991	2965.936	2.965936	10
10	11	11	544	219	23	0.3	0.12	730.468	54.453	3925.36	3758.201	3.758201	10
10	11	12	453	268	23	0.3	0.12	717.564	53.867	3851.731	3687.181	3.687181	10
10	11	13	386	274	22	0.3	0.12	637.438	49.427	3487.989	3336.328	3.336328	10
10	11	14	105	262	21	0.3	0.12	351.857	36.131	2009.45	1910.18	1.91018	10
10	11	15	179	194	20	0.2	0.12	315.123	34.03	1833.009	1739.99	1.73999	10
10	11	16	14	104	19	0.2	0.12	107.554	23.784	626.283	576.023	0.576023	10
10	11	17	219	35	17	0.2	0.12	82.196	20.414	382.606	340.98	0.34098	10
10	11	18	0	0	17	0.2	0.12	0	17	0	0	0	10
10	11	19	0	0	16	0.2	0.12	0	16	0	0	0	10
10	11	20	0	0	15	0.2	0.12	0	15	0	0	0	10
10	11	21	0	0	15	0.2	0.12	0	15	0	0	0	10
10	11	22	0	0	14	0.2	0.12	0	14	0	0	0	10
10	11	23	0	0	14	0.2	0.12	0	14	0	0	0	10
10	12	0	0	0	14	0.2	0.12	0	14	0	0	0	10
10	12	1	0	0	14	0.2	0.12	0	14	0	0	0	10
10	12	2	0	0	14	0.1	0.12	0	14	0	0	0	10
10	12	3	0	0	14	0.1	0.12	0	14	0	0	0	10
10	12	4	0	0	13	0.1	0.12	0	13	0	0	0	10
10	12	5	0	0	13	0.1	0.12	0	13	0	0	0	10
10	12	6	0	0	13	0.1	0.12	0	13	0	0	0	10
10	12	7	0	18	13	0.2	0.12	17.002	13.749	92.109	60.777	0.060777	10
10	12	8	0	26	15	0.2	0.12	24.574	16.093	138.865	105.877	0.105877	10
10	12	9	0	79	17	0.2	0.12	74.889	20.324	432.701	389.301	0.389301	10
10	12	10	0	129	18	0.2	0.12	123.756	23.48	713.675	660.318	0.660318	10
10	12	11	0	161	19	0.1	0.12	155.48	26.102	889.953	830.35	0.83035	10
10	12	12	0	141	20	0.1	0.12	135.427	26.183	769.702	714.36	0.71436	10
10	12	13	13	223	20	0.1	0.12	230.018	30.512	1313.576	1238.963	1.238963	10
10	12	14	0	151	20	0.1	0.12	145.947	26.678	837.045	779.317	0.779317	10
10	12	15	0	132	19	0.1	0.12	127.916	24.868	742.507	688.129	0.688129	10
10	12	16	0	66	18	0.1	0.12	62.876	20.889	362.672	321.753	0.321753	10
10	12	17	122	40	17	0.2	0.12	67.624	19.84	323.21	283.689	0.283689	10
10	12	18	0	0	16	0.3	0.12	0	16	0	0	0	10
10	12	19	0	0	15	0.2	0.12	0	15	0	0	0	10

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
10	12	20	0	0	14	0.1	0.12	0	14	0	0	0	10
10	12	21	0	0	13	0.1	0.12	0	13	0	0	0	10
10	12	22	0	0	13	0.1	0.12	0	13	0	0	0	10
10	12	23	0	0	12	0.1	0.12	0	12	0	0	0	10
10	13	0	0	0	12	0.1	0.12	0	12	0	0	0	10
10	13	1	0	0	12	0.1	0.12	0	12	0	0	0	10
10	13	2	0	0	12	0.1	0.12	0	12	0	0	0	10
10	13	3	0	0	12	0.1	0.12	0	12	0	0	0	10
10	13	4	0	0	12	0.1	0.12	0	12	0	0	0	10
10	13	5	0	0	12	0.1	0.12	0	12	0	0	0	10
10	13	6	0	0	12	0.1	0.12	0	12	0	0	0	10
10	13	7	0	37	13	0.2	0.12	35.495	14.563	197.582	162.513	0.162513	10
10	13	8	0	61	15	0.3	0.12	57.775	17.491	337.041	297.031	0.297031	10
10	13	9	0	111	16	0.3	0.12	106.447	20.58	623.423	573.265	0.573265	10
10	13	10	0	44	16	0.3	0.12	41.682	17.789	235.343	198.936	0.198936	10
10	13	11	0	60	17	0.3	0.12	56.898	19.439	321.627	282.163	0.282163	10
10	13	12	0	157	17	0.3	0.12	151.43	23.488	874.312	815.264	0.815264	10
10	13	13	6	195	17	0.3	0.12	195.256	25.372	1132.193	1064.006	1.064006	10
10	13	14	34	227	17	0.3	0.12	259.322	28.143	1512.73	1431.06	1.43106	10
10	13	15	43	177	17	0.2	0.12	207.274	26.215	1222.311	1150.932	1.150932	10
10	13	16	63	109	16	0.2	0.12	136.629	22.072	806.421	749.778	0.749778	10
10	13	17	0	28	15	0.2	0.12	26.995	16.161	135.711	102.834	0.102834	10
10	13	18	0	0	15	0.2	0.12	0	15	0	0	0	10
10	13	19	0	0	15	0.2	0.12	0	15	0	0	0	10
10	13	20	0	0	14	0.2	0.12	0	14	0	0	0	10
10	13	21	0	0	14	0.2	0.12	0	14	0	0	0	10
10	13	22	0	0	13	0.2	0.12	0	13	0	0	0	10
10	13	23	0	0	13	0.2	0.12	0	13	0	0	0	10
10	14	0	0	0	13	0.2	0.12	0	13	0	0	0	10
10	14	1	0	0	12	0.2	0.12	0	12	0	0	0	10
10	14	2	0	0	11	0.2	0.12	0	11	0	0	0	10
10	14	3	0	0	10	0.2	0.12	0	10	0	0	0	10
10	14	4	0	0	10	0.2	0.12	0	10	0	0	0	10
10	14	5	0	0	9	0.2	0.12	0	9	0	0	0	10
10	14	6	0	0	9	0.2	0.12	0	9	0	0	0	10
10	14	7	424	37	10	0.4	0.12	140.072	15.544	707.578	654.438	0.654438	10
10	14	8	700	63	12	0.5	0.12	387.566	27.746	2320.797	2210.494	2.210494	10
10	14	9	820	76	14	0.6	0.12	613.67	38.315	3594.685	3439.243	3.439243	10
10	14	10	867	88	16	0.7	0.12	778.352	45.927	4385.966	4202.486	4.202486	10
10	14	11	896	92	17	0.7	0.12	883.921	50.942	4850.125	4650.198	4.650198	10
10	14	12	474	252	17	0.8	0.12	715.503	43.676	4014.591	3844.27	3.84427	10
10	14	13	80	294	17	0.7	0.12	375.144	31.336	2174.475	2069.357	2.069357	10
10	14	14	74	251	17	0.7	0.12	316.404	29.111	1853.496	1759.751	1.759751	10

Month	Day	Hour	Beam Irradiance (W/m ²)	Diffuse Irradiance (W/m ²)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m ²)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
10	14	15	18	162	17	0.6	0.12	170.104	23.706	1005.172	941.487	0.941487	10
10	14	16	134	108	16	0.4	0.12	168.254	23.024	993.563	930.289	0.930289	10
10	14	17	270	31	14	0.2	0.12	85.525	17.422	365.332	324.319	0.324319	10
10	14	18	0	0	12	0.2	0.12	0	12	0	0	0	10
10	14	19	0	0	12	0.2	0.12	0	12	0	0	0	10
10	14	20	0	0	12	0.2	0.12	0	12	0	0	0	10
10	14	21	0	0	12	0.2	0.12	0	12	0	0	0	10
10	14	22	0	0	11	0.2	0.12	0	11	0	0	0	10
10	14	23	0	0	11	0.2	0.12	0	11	0	0	0	10
10	15	0	0	0	10	0.2	0.12	0	10	0	0	0	10
10	15	1	0	0	10	0.2	0.12	0	10	0	0	0	10
10	15	2	0	0	9	0.2	0.12	0	9	0	0	0	10
10	15	3	0	0	8	0.2	0.12	0	8	0	0	0	10
10	15	4	0	0	8	0.2	0.12	0	8	0	0	0	10
10	15	5	0	0	8	0.2	0.12	0	8	0	0	0	10
10	15	6	0	0	8	0.2	0.12	0	8	0	0	0	10
10	15	7	464	34	9	0.4	0.12	145.252	14.725	727.747	673.892	0.673892	10
10	15	8	737	58	11	0.5	0.12	397.337	27.141	2384.744	2272.175	2.272175	10
10	15	9	854	70	13	0.6	0.12	626.644	37.833	3680.622	3522.135	3.522135	10
10	15	10	919	74	14	0.7	0.12	800.507	44.787	4535.549	4346.768	4.346768	10
10	15	11	944	78	15	0.7	0.12	906.77	49.828	5001.511	4796.22	4.79622	10
10	15	12	949	80	16	0.7	0.12	937.171	51.982	5113.337	4904.083	4.904083	10
10	15	13	920	86	17	0.7	0.12	882.747	50.909	4850.699	4650.752	4.650752	10
10	15	14	879	83	17	0.7	0.12	756.637	46.108	4269.458	4090.106	4.090106	10
10	15	15	807	74	17	0.6	0.12	570.935	39.635	3332.275	3186.131	3.186131	10
10	15	16	668	58	16	0.5	0.12	335.491	29.559	1949.24	1852.103	1.852103	10
10	15	17	324	27	13	0.3	0.12	89.31	16.361	357.276	316.548	0.316548	10
10	15	18	0	0	11	0.2	0.12	0	11	0	0	0	10
10	15	19	0	0	10	0.2	0.12	0	10	0	0	0	10
10	15	20	0	0	9	0.2	0.12	0	9	0	0	0	10
10	15	21	0	0	9	0.2	0.12	0	9	0	0	0	10
10	15	22	0	0	8	0.2	0.12	0	8	0	0	0	10
10	15	23	0	0	8	0.2	0.12	0	8	0	0	0	10
10	16	0	0	0	7	0.2	0.12	0	7	0	0	0	10
10	16	1	0	0	7	0.2	0.12	0	7	0	0	0	10
10	16	2	0	0	7	0.1	0.12	0	7	0	0	0	10
10	16	3	0	0	8	0.1	0.12	0	8	0	0	0	10
10	16	4	0	0	7	0.2	0.12	0	7	0	0	0	10
10	16	5	0	0	7	0.2	0.12	0	7	0	0	0	10
10	16	6	0	0	7	0.2	0.12	0	7	0	0	0	10
10	16	7	0	23	9	0.3	0.12	21.744	9.925	119.725	87.415	0.087415	10
10	16	8	0	80	13	0.4	0.12	76.856	16.215	456.163	411.931	0.411931	10
10	16	9	37	183	16	0.6	0.12	211.404	24.334	1254.958	1182.422	1.182422	10

Month	Day	Hour	Beam Irradiance (W/m ²)	Diffuse Irradiance (W/m ²)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m ²)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
10	16	10	782	112	19	0.8	0.12	740.839	46.719	4158.724	3983.296	3.983296	10
10	16	11	809	121	22	0.8	0.12	843.692	53.525	4577.729	4387.454	4.387454	10
10	16	12	807	126	23	0.7	0.12	868.074	56.314	4646.212	4453.51	4.45351	10
10	16	13	787	125	24	0.7	0.12	817.797	55.402	4404.965	4220.812	4.220812	10
10	16	14	749	115	24	0.7	0.12	700.679	50.945	3868.681	3703.53	3.70353	10
10	16	15	659	102	23	0.6	0.12	513.981	43.367	2945.208	2812.779	2.812779	10
10	16	16	70	103	22	0.4	0.12	133.041	27.556	764.992	709.818	0.709818	10
10	16	17	0	23	20	0.3	0.12	22.007	20.879	93.943	62.546	0.062546	10
10	16	18	0	0	18	0.3	0.12	0	18	0	0	0	10
10	16	19	0	0	17	0.3	0.12	0	17	0	0	0	10
10	16	20	0	0	15	0.2	0.12	0	15	0	0	0	10
10	16	21	0	0	14	0.2	0.12	0	14	0	0	0	10
10	16	22	0	0	13	0.2	0.12	0	13	0	0	0	10
10	16	23	0	0	12	0.2	0.12	0	12	0	0	0	10
10	17	0	0	0	12	0.2	0.12	0	12	0	0	0	10
10	17	1	0	0	11	0.2	0.12	0	11	0	0	0	10
10	17	2	0	0	10	0.2	0.12	0	10	0	0	0	10
10	17	3	0	0	9	0.1	0.12	0	9	0	0	0	10
10	17	4	0	0	7	0.1	0.12	0	7	0	0	0	10
10	17	5	0	0	6	0.2	0.12	0	6	0	0	0	10
10	17	6	0	0	6	0.1	0.12	0	6	0	0	0	10
10	17	7	475	33	8	0.1	0.12	145.486	14.271	720.516	666.918	0.666918	10
10	17	8	751	56	11	0.2	0.12	398.779	28.74	2375.437	2263.198	2.263198	10
10	17	9	864	67	14	0.3	0.12	622.455	40.956	3613.19	3457.093	3.457093	10
10	17	10	909	77	16	0.3	0.12	791.93	50.22	4389.318	4205.719	4.205719	10
10	17	11	925	85	17	0.4	0.12	893.586	54.407	4836.89	4637.431	4.637431	10
10	17	12	639	187	18	0.4	0.12	789.822	51.01	4316.035	4135.033	4.135033	10
10	17	13	424	249	19	0.4	0.12	646.256	45.996	3598.325	3442.754	3.442754	10
10	17	14	591	155	18	0.3	0.12	625.224	44.995	3529.747	3376.606	3.376606	10
10	17	15	646	95	16	0.2	0.12	496.617	38.188	2906.782	2775.715	2.775715	10
10	17	16	111	101	15	0.1	0.12	151.128	21.928	891.339	831.687	0.831687	10
10	17	17	10	25	13	0.3	0.12	26.706	14.024	106.924	75.067	0.075067	10
10	17	18	0	0	12	0.5	0.12	0	12	0	0	0	10
10	17	19	0	0	11	0.3	0.12	0	11	0	0	0	10
10	17	20	0	0	10	0.2	0.12	0	10	0	0	0	10
10	17	21	0	0	9	0.2	0.12	0	9	0	0	0	10
10	17	22	0	0	9	0.2	0.12	0	9	0	0	0	10
10	17	23	0	0	8	0.1	0.12	0	8	0	0	0	10
10	18	0	0	0	8	0.1	0.12	0	8	0	0	0	10
10	18	1	0	0	8	0.1	0.12	0	8	0	0	0	10
10	18	2	0	0	7	0.1	0.12	0	7	0	0	0	10
10	18	3	0	0	7	0.1	0.12	0	7	0	0	0	10
10	18	4	0	0	6	0.1	0.12	0	6	0	0	0	10

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
10	18	5	0	0	6	0.1	0.12	0	6	0	0	0	10
10	18	6	0	0	7	0.1	0.12	0	7	0	0	0	10
10	18	7	89	44	8	0.2	0.12	67.342	10.897	360.513	319.671	0.319671	10
10	18	8	303	105	10	0.3	0.12	248.713	20.722	1510.412	1428.824	1.428824	10
10	18	9	22	169	12	0.3	0.12	180.459	19.771	1084.878	1018.369	1.018369	10
10	18	10	0	160	14	0.3	0.12	155.372	20.672	915.894	855.372	0.855372	10
10	18	11	23	242	17	0.3	0.12	259.211	28.121	1503.42	1422.08	1.42208	10
10	18	12	175	313	18	0.2	0.12	494.519	39.922	2791.094	2664.127	2.664127	10
10	18	13	594	187	19	0.1	0.12	723.32	52.231	3940.292	3772.604	3.772604	10
10	18	14	3	170	19	0.2	0.12	168.172	26.456	973.113	910.564	0.910564	10
10	18	15	83	175	18	0.3	0.12	229.416	27.896	1353.66	1277.627	1.277627	10
10	18	16	0	65	16	0.3	0.12	62.277	18.684	361.921	321.029	0.321029	10
10	18	17	0	9	13	0.3	0.12	8.494	13.315	30	0.869	0.000869	10
10	18	18	0	0	11	0.4	0.12	0	11	0	0	0	10
10	18	19	0	0	10	0.4	0.12	0	10	0	0	0	10
10	18	20	0	0	10	0.4	0.12	0	10	0	0	0	10
10	18	21	0	0	9	0.3	0.12	0	9	0	0	0	10
10	18	22	0	0	9	0.2	0.12	0	9	0	0	0	10
10	18	23	0	0	9	0.3	0.12	0	9	0	0	0	10
10	19	0	0	0	8	0.3	0.12	0	8	0	0	0	10
10	19	1	0	0	8	0.4	0.12	0	8	0	0	0	10
10	19	2	0	0	8	0.4	0.12	0	8	0	0	0	10
10	19	3	0	0	8	0.3	0.12	0	8	0	0	0	10
10	19	4	0	0	8	0.1	0.12	0	8	0	0	0	10
10	19	5	0	0	8	0.1	0.12	0	8	0	0	0	10
10	19	6	0	0	8	0.1	0.12	0	8	0	0	0	10
10	19	7	0	2	8	0.1	0.12	1.885	8.085	9.186	0	0	10
10	19	8	0	8	10	0.1	0.12	7.552	10.347	41.487	11.949	0.011949	10
10	19	9	0	8	11	0.1	0.12	7.56	11.347	41.075	11.551	0.011551	10
10	19	10	0	14	12	0.2	0.12	13.247	12.587	72.818	42.17	0.04217	10
10	19	11	0	48	13	0.4	0.12	45.492	14.892	260.268	222.978	0.222978	10
10	19	12	0	96	13	0.5	0.12	91.18	16.681	532.064	485.143	0.485143	10
10	19	13	0	82	12	0.5	0.12	77.79	15.143	455.029	410.838	0.410838	10
10	19	14	0	83	12	0.5	0.12	78.709	15.185	463.411	418.923	0.418923	10
10	19	15	0	34	11	0.5	0.12	32.161	12.305	186.349	151.678	0.151678	10
10	19	16	0	34	9	0.5	0.12	32.149	10.305	188.228	153.491	0.153491	10
10	19	17	0	4	8	0.5	0.12	3.771	8.132	13.142	0	0	10
10	19	18	0	0	8	0.5	0.12	0	8	0	0	0	10
10	19	19	0	0	7	0.5	0.12	0	7	0	0	0	10
10	19	20	0	0	7	0.5	0.12	0	7	0	0	0	10
10	19	21	0	0	6	0.5	0.12	0	6	0	0	0	10
10	19	22	0	0	6	0.5	0.12	0	6	0	0	0	10
10	19	23	0	0	6	0.5	0.12	0	6	0	0	0	10

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
10	20	0	0	0	5	0.5	0.12	0	5	0	0	0	10
10	20	1	0	0	4	0.6	0.12	0	4	0	0	0	10
10	20	2	0	0	4	0.6	0.12	0	4	0	0	0	10
10	20	3	0	0	4	0.6	0.12	0	4	0	0	0	10
10	20	4	0	0	4	0.6	0.12	0	4	0	0	0	10
10	20	5	0	0	4	0.7	0.12	0	4	0	0	0	10
10	20	6	0	0	4	0.7	0.12	0	4	0	0	0	10
10	20	7	0	15	4	0.7	0.12	14.166	4.533	76.738	45.951	0.045951	10
10	20	8	0	42	5	0.7	0.12	39.734	6.525	239.022	202.484	0.202484	10
10	20	9	0	69	6	0.8	0.12	65.377	8.438	395.674	353.585	0.353585	10
10	20	10	0	104	6	0.8	0.12	99.151	9.689	601.272	551.899	0.551899	10
10	20	11	0	164	6	0.8	0.12	158.982	11.907	966.511	904.196	0.904196	10
10	20	12	0	157	6	0.8	0.12	151.765	11.637	920.89	860.192	0.860192	10
10	20	13	1	165	6	0.7	0.12	160.936	12.146	978.947	916.191	0.916191	10
10	20	14	0	62	7	0.7	0.12	58.749	9.247	350.507	310.019	0.310019	10
10	20	15	0	104	7	0.6	0.12	100.093	10.946	610.899	561.184	0.561184	10
10	20	16	445	81	6	0.5	0.12	264.999	16.696	1601.469	1516.655	1.516655	10
10	20	17	88	24	6	0.5	0.12	40.563	7.334	140.107	107.074	0.107074	10
10	20	18	0	0	6	0.5	0.12	0	6	0	0	0	10
10	20	19	0	0	5	0.4	0.12	0	5	0	0	0	10
10	20	20	0	0	5	0.4	0.12	0	5	0	0	0	10
10	20	21	0	0	5	0.3	0.12	0	5	0	0	0	10
10	20	22	0	0	5	0.2	0.12	0	5	0	0	0	10
10	20	23	0	0	4	0.2	0.12	0	4	0	0	0	10
10	21	0	0	0	4	0.2	0.12	0	4	0	0	0	10
10	21	1	0	0	4	0.2	0.12	0	4	0	0	0	10
10	21	2	0	0	4	0.2	0.12	0	4	0	0	0	10
10	21	3	0	0	4	0.1	0.12	0	4	0	0	0	10
10	21	4	0	0	4	0.1	0.12	0	4	0	0	0	10
10	21	5	0	0	3	0.1	0.12	0	3	0	0	0	10
10	21	6	0	0	3	0.1	0.12	0	3	0	0	0	10
10	21	7	312	35	4	0.2	0.12	110.676	8.61	552.079	504.449	0.504449	10
10	21	8	619	68	6	0.3	0.12	351.311	21.135	2143.262	2039.25	2.03925	10
10	21	9	758	84	9	0.3	0.12	572.428	33.788	3416.63	3267.497	3.267497	10
10	21	10	838	90	12	0.4	0.12	749.189	43.408	4273.808	4094.302	4.094302	10
10	21	11	867	96	13	0.4	0.12	853.343	48.728	4736.047	4540.162	4.540162	10
10	21	12	874	98	14	0.4	0.12	876.17	50.672	4816.577	4617.839	4.617839	10
10	21	13	862	96	14	0.3	0.12	835.189	50.055	4614.465	4422.888	4.422888	10
10	21	14	822	90	14	0.3	0.12	711.347	44.756	4042.674	3871.358	3.871358	10
10	21	15	744	79	14	0.3	0.12	525.163	36.755	3101.86	2963.881	2.963881	10
10	21	16	592	59	12	0.2	0.12	297.395	25.13	1735.126	1645.576	1.645576	10
10	21	17	214	20	9	0.5	0.12	56.97	10.766	177.901	143.53	0.14353	10
10	21	18	0	0	7	0.7	0.12	0	7	0	0	0	10

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
10	21	19	0	0	6	0.7	0.12	0	6	0	0	0	10
10	21	20	0	0	5	0.7	0.12	0	5	0	0	0	10
10	21	21	0	0	5	0.8	0.12	0	5	0	0	0	10
10	21	22	0	0	4	0.8	0.12	0	4	0	0	0	10
10	21	23	0	0	4	0.8	0.12	0	4	0	0	0	10
10	22	0	0	0	4	0.9	0.12	0	4	0	0	0	10
10	22	1	0	0	4	0.9	0.12	0	4	0	0	0	10
10	22	2	0	0	4	0.9	0.12	0	4	0	0	0	10
10	22	3	0	0	4	0.9	0.12	0	4	0	0	0	10
10	22	4	0	0	4	0.8	0.12	0	4	0	0	0	10
10	22	5	0	0	4	0.6	0.12	0	4	0	0	0	10
10	22	6	0	0	4	0.6	0.12	0	4	0	0	0	10
10	22	7	367	32	4	0.4	0.12	118.787	8.61	579.123	530.534	0.530534	10
10	22	8	675	63	7	0.1	0.12	368.589	23.919	2224.877	2117.972	2.117972	10
10	22	9	371	160	10	0.1	0.12	407.032	28.753	2449.984	2335.103	2.335103	10
10	22	10	881	84	13	0.2	0.12	767.601	47.236	4313.645	4132.728	4.132728	10
10	22	11	904	90	14	0.2	0.12	869.009	52.708	4745.781	4549.551	4.549551	10
10	22	12	907	92	15	0.3	0.12	895.206	53.631	4861.76	4661.42	4.66142	10
10	22	13	885	91	16	0.3	0.12	839.83	52.262	4600.209	4409.137	4.409137	10
10	22	14	836	87	15	0.2	0.12	715.525	46.926	4032.166	3861.223	3.861223	10
10	22	15	510	124	14	0.2	0.12	437.561	33.544	2601.135	2480.899	2.480899	10
10	22	16	570	60	13	0.4	0.12	288.597	24.974	1680.747	1593.124	1.593124	10
10	22	17	184	19	12	0.6	0.12	50.526	13.529	156.141	122.54	0.12254	10
10	22	18	0	0	12	0.5	0.12	0	12	0	0	0	10
10	22	19	0	0	11	0.4	0.12	0	11	0	0	0	10
10	22	20	0	0	10	0.5	0.12	0	10	0	0	0	10
10	22	21	0	0	9	0.7	0.12	0	9	0	0	0	10
10	22	22	0	0	8	0.9	0.12	0	8	0	0	0	10
10	22	23	0	0	7	1	0.12	0	7	0	0	0	10
10	23	0	0	0	6	1.1	0.12	0	6	0	0	0	10
10	23	1	0	0	4	1	0.12	0	4	0	0	0	10
10	23	2	0	0	3	0.8	0.12	0	3	0	0	0	10
10	23	3	0	0	3	0.5	0.12	0	3	0	0	0	10
10	23	4	0	0	3	0.3	0.12	0	3	0	0	0	10
10	23	5	0	0	2	0.2	0.12	0	2	0	0	0	10
10	23	6	0	0	3	0.2	0.12	0	3	0	0	0	10
10	23	7	60	33	5	0.2	0.12	48.944	7.079	252.45	215.437	0.215437	10
10	23	8	390	87	7	0.2	0.12	269.807	18.99	1647.536	1561.089	1.561089	10
10	23	9	306	169	9	0.2	0.12	376.833	25.802	2287.728	2178.597	2.178597	10
10	23	10	390	213	11	0.2	0.12	533.283	34.734	3122.11	2983.413	2.983413	10
10	23	11	381	253	12	0.3	0.12	605.066	38.058	3480.001	3328.623	3.328623	10
10	23	12	369	266	13	0.3	0.12	618.739	39.634	3530.597	3377.426	3.377426	10
10	23	13	245	273	14	0.3	0.12	498.841	35.47	2885.918	2755.59	2.75559	10

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
10	23	14	100	230	14	0.2	0.12	312.799	27.897	1849.697	1756.087	1.756087	10
10	23	15	42	155	13	0.2	0.12	183.997	21.187	1106.507	1039.231	1.039231	10
10	23	16	214	84	12	0.2	0.12	174.34	19.712	1029.601	965.05	0.96505	10
10	23	17	0	17	11	0.2	0.12	16.294	11.624	59.885	29.695	0.029695	10
10	23	18	0	0	9	0.2	0.12	0	9	0	0	0	10
10	23	19	0	0	8	0.2	0.12	0	8	0	0	0	10
10	23	20	0	0	8	0.2	0.12	0	8	0	0	0	10
10	23	21	0	0	8	0.2	0.12	0	8	0	0	0	10
10	23	22	0	0	8	0.2	0.12	0	8	0	0	0	10
10	23	23	0	0	9	0.2	0.12	0	9	0	0	0	10
10	24	0	0	0	8	0.2	0.12	0	8	0	0	0	10
10	24	1	0	0	8	0.2	0.12	0	8	0	0	0	10
10	24	2	0	0	8	0.2	0.12	0	8	0	0	0	10
10	24	3	0	0	9	0.2	0.12	0	9	0	0	0	10
10	24	4	0	0	9	0.2	0.12	0	9	0	0	0	10
10	24	5	0	0	9	0.2	0.12	0	9	0	0	0	10
10	24	6	0	0	9	0.2	0.12	0	9	0	0	0	10
10	24	7	0	6	9	0.2	0.12	5.658	9.244	27.427	0	0	10
10	24	8	372	107	11	0.3	0.12	283.325	23.201	1703.619	1615.185	1.615185	10
10	24	9	0	60	13	0.4	0.12	56.825	15.374	332.635	292.781	0.292781	10
10	24	10	756	116	16	0.5	0.12	713.648	45.045	4042.397	3871.09	3.87109	10
10	24	11	825	113	17	0.5	0.12	830.405	50.76	4571.922	4381.853	4.381853	10
10	24	12	859	106	18	0.6	0.12	871.205	52.41	4756.977	4560.351	4.560351	10
10	24	13	861	98	18	0.5	0.12	828.753	51.706	4551.63	4362.279	4.362279	10
10	24	14	828	89	18	0.5	0.12	706.938	46.797	3988.149	3818.765	3.818765	10
10	24	15	746	78	17	0.4	0.12	518.474	38.797	3039.168	2903.411	2.903411	10
10	24	16	596	55	15	0.3	0.12	289.607	27.37	1662.609	1575.628	1.575628	10
10	24	17	192	16	11	0.2	0.12	43.116	12.418	125.812	93.286	0.093286	10
10	24	18	0	0	9	0.2	0.12	0	9	0	0	0	10
10	24	19	0	0	8	0.3	0.12	0	8	0	0	0	10
10	24	20	0	0	8	0.7	0.12	0	8	0	0	0	10
10	24	21	0	0	8	0.9	0.12	0	8	0	0	0	10
10	24	22	0	0	9	0.9	0.12	0	9	0	0	0	10
10	24	23	0	0	10	0.7	0.12	0	10	0	0	0	10
10	25	0	0	0	10	0.4	0.12	0	10	0	0	0	10
10	25	1	0	0	9	0.6	0.12	0	9	0	0	0	10
10	25	2	0	0	8	0.9	0.12	0	8	0	0	0	10
10	25	3	0	0	6	0.9	0.12	0	6	0	0	0	10
10	25	4	0	0	4	0.7	0.12	0	4	0	0	0	10
10	25	5	0	0	4	0.3	0.12	0	4	0	0	0	10
10	25	6	0	0	4	0.2	0.12	0	4	0	0	0	10
10	25	7	353	28	6	0.2	0.12	110.382	10.463	503.658	457.744	0.457744	10
10	25	8	668	57	10	0.3	0.12	353.545	25.215	2115.097	2012.083	2.012083	10

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
10	25	9	802	71	13	0.3	0.12	577.676	38.027	3396.664	3248.239	3.248239	10
10	25	10	870	78	16	0.4	0.12	745.61	47.274	4194.346	4017.655	4.017655	10
10	25	11	902	81	18	0.4	0.12	849.254	53.576	4627.379	4435.344	4.435344	10
10	25	12	910	83	19	0.5	0.12	879.221	54.748	4758.995	4562.297	4.562297	10
10	25	13	893	82	20	0.5	0.12	827.824	53.679	4513.532	4325.532	4.325532	10
10	25	14	857	77	20	0.4	0.12	711.324	49.85	3965.485	3796.904	3.796904	10
10	25	15	780	67	19	0.3	0.12	523.159	41.678	3033.908	2898.336	2.898336	10
10	25	16	256	78	16	0.2	0.12	182.088	24.043	1052.479	987.117	0.987117	10
10	25	17	0	16	14	0.2	0.12	15.518	14.595	56.16	26.102	0.026102	10
10	25	18	0	0	13	0.2	0.12	0	13	0	0	0	10
10	25	19	0	0	13	0.2	0.12	0	13	0	0	0	10
10	25	20	0	0	13	0.2	0.12	0	13	0	0	0	10
10	25	21	0	0	12	0.2	0.12	0	12	0	0	0	10
10	25	22	0	0	12	0.2	0.12	0	12	0	0	0	10
10	25	23	0	0	12	0.2	0.12	0	12	0	0	0	10
10	26	0	0	0	11	0.2	0.12	0	11	0	0	0	10
10	26	1	0	0	11	0.2	0.12	0	11	0	0	0	10
10	26	2	0	0	12	0.2	0.12	0	12	0	0	0	10
10	26	3	0	0	12	0.2	0.12	0	12	0	0	0	10
10	26	4	0	0	12	0.2	0.12	0	12	0	0	0	10
10	26	5	0	0	12	0.2	0.12	0	12	0	0	0	10
10	26	6	0	0	12	0.2	0.12	0	12	0	0	0	10
10	26	7	0	24	12	0.2	0.12	22.952	12.975	111.571	79.55	0.07955	10
10	26	8	4	93	13	0.3	0.12	93.428	17.027	556.238	508.46	0.50846	10
10	26	9	38	165	15	0.4	0.12	193.968	23.111	1157.444	1088.363	1.088363	10
10	26	10	154	241	18	0.5	0.12	377.591	33.317	2197.265	2091.34	2.09134	10
10	26	11	91	279	19	0.6	0.12	370.075	33.557	2133.509	2029.842	2.029842	10
10	26	12	315	279	20	0.6	0.12	585.139	43.051	3289.616	3144.984	3.144984	10
10	26	13	308	255	19	0.5	0.12	539.015	40.866	3062.461	2925.878	2.925878	10
10	26	14	113	225	19	0.5	0.12	316.595	31.845	1846.5	1753.003	1.753003	10
10	26	15	219	154	18	0.4	0.12	295.897	30.407	1755.115	1664.857	1.664857	10
10	26	16	13	78	17	0.3	0.12	81.991	20.527	474.903	430.007	0.430007	10
10	26	17	0	4	15	0.2	0.12	3.879	15.149	13.053	0	0	10
10	26	18	0	0	15	0.2	0.12	0	15	0	0	0	10
10	26	19	0	0	15	0.2	0.12	0	15	0	0	0	10
10	26	20	0	0	14	0.2	0.12	0	14	0	0	0	10
10	26	21	0	0	14	0.1	0.12	0	14	0	0	0	10
10	26	22	0	0	13	0.1	0.12	0	13	0	0	0	10
10	26	23	0	0	12	0.2	0.12	0	12	0	0	0	10
10	27	0	0	0	11	0.2	0.12	0	11	0	0	0	10
10	27	1	0	0	11	0.2	0.12	0	11	0	0	0	10
10	27	2	0	0	10	0.2	0.12	0	10	0	0	0	10
10	27	3	0	0	10	0.2	0.12	0	10	0	0	0	10

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
10	27	4	0	0	9	0.2	0.12	0	9	0	0	0	10
10	27	5	0	0	9	0.2	0.12	0	9	0	0	0	10
10	27	6	0	0	8	0.2	0.12	0	8	0	0	0	10
10	27	7	0	2	8	0.3	0.12	1.885	8.077	8.057	0	0	10
10	27	8	0	24	8	0.4	0.12	22.677	8.948	131.679	98.945	0.098945	10
10	27	9	0	27	9	0.4	0.12	25.532	10.067	147.889	114.581	0.114581	10
10	27	10	0	31	9	0.5	0.12	29.341	10.188	169.468	135.395	0.135395	10
10	27	11	0	74	9	0.5	0.12	70.173	11.836	415.154	372.375	0.372375	10
10	27	12	0	86	10	0.5	0.12	81.592	13.297	482.012	436.864	0.436864	10
10	27	13	8	194	10	0.5	0.12	197.334	17.981	1184.999	1114.941	1.114941	10
10	27	14	26	193	11	0.5	0.12	210.185	19.518	1266.861	1193.903	1.193903	10
10	27	15	0	127	10	0.4	0.12	124.847	15.219	756.577	701.7	0.7017	10
10	27	16	30	78	9	0.3	0.12	91.461	12.93	547.1	499.646	0.499646	10
10	27	17	0	8	7	0.2	0.12	7.759	7.297	28.158	0	0	10
10	27	18	0	0	6	0.1	0.12	0	6	0	0	0	10
10	27	19	0	0	5	0.1	0.12	0	5	0	0	0	10
10	27	20	0	0	4	0.1	0.12	0	4	0	0	0	10
10	27	21	0	0	3	0.1	0.12	0	3	0	0	0	10
10	27	22	0	0	2	0.1	0.12	0	2	0	0	0	10
10	27	23	0	0	2	0.1	0.12	0	2	0	0	0	10
10	28	0	0	0	2	0.1	0.12	0	2	0	0	0	10
10	28	1	0	0	3	0.1	0.12	0	3	0	0	0	10
10	28	2	0	0	2	0.1	0.12	0	2	0	0	0	10
10	28	3	0	0	1	0.1	0.12	0	1	0	0	0	10
10	28	4	0	0	1	0.1	0.12	0	1	0	0	0	10
10	28	5	0	0	2	0.1	0.12	0	2	0	0	0	10
10	28	6	0	0	2	0.1	0.12	0	2	0	0	0	10
10	28	7	0	18	2	0.2	0.12	17.019	2.705	79.428	48.545	0.048545	10
10	28	8	0	67	4	0.2	0.12	64.421	6.865	393.885	351.86	0.35186	10
10	28	9	0	105	5	0.3	0.12	101.241	9.361	621.972	571.865	0.571865	10
10	28	10	0	118	6	0.3	0.12	113.357	10.872	689.378	636.883	0.636883	10
10	28	11	4	182	7	0.3	0.12	181.506	14.791	1099.395	1032.371	1.032371	10
10	28	12	90	278	7	0.3	0.12	369.741	22.887	2221.598	2114.81	2.11481	10
10	28	13	381	233	8	0.3	0.12	571.305	32.624	3365.825	3218.493	3.218493	10
10	28	14	120	220	9	0.3	0.12	324.793	22.994	1964.872	1867.18	1.86718	10
10	28	15	9	132	8	0.3	0.12	135.351	13.835	828.138	770.726	0.770726	10
10	28	16	0	43	6	0.2	0.12	40.699	7.807	241.847	205.209	0.205209	10
10	28	17	130	12	4	0.2	0.12	29.186	4.96	86.501	55.368	0.055368	10
10	28	18	0	0	3	0.1	0.12	0	3	0	0	0	10
10	28	19	0	0	2	0.2	0.12	0	2	0	0	0	10
10	28	20	0	0	1	0.5	0.12	0	1	0	0	0	10
10	28	21	0	0	1	0.7	0.12	0	1	0	0	0	10
10	28	22	0	0	2	0.7	0.12	0	2	0	0	0	10

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
10	28	23	0	0	2	0.4	0.12	0	2	0	0	0	10
10	29	0	0	0	2	0.3	0.12	0	2	0	0	0	10
10	29	1	0	0	1	0.5	0.12	0	1	0	0	0	10
10	29	2	0	0	0	0.8	0.12	0	0	0	0	0	10
10	29	3	0	0	0	0.8	0.12	0	0	0	0	0	10
10	29	4	0	0	0	0.8	0.12	0	0	0	0	0	10
10	29	5	0	0	0	0.7	0.12	0	0	0	0	0	10
10	29	6	0	0	0	0.7	0.12	0	0	0	0	0	10
10	29	7	214	29	1	0.4	0.12	79.866	3.875	324.646	285.074	0.285074	10
10	29	8	567	71	3	0.2	0.12	323.287	17.341	1981.954	1883.658	1.883658	10
10	29	9	734	91	7	0.2	0.12	554.122	31.769	3337.653	3191.319	3.191319	10
10	29	10	407	196	10	0.2	0.12	531.469	33.668	3131.87	2992.828	2.992828	10
10	29	11	79	263	11	0.2	0.12	342.153	26.175	2028.802	1928.845	1.928845	10
10	29	12	855	110	12	0.3	0.12	859.573	49.107	4766.559	4569.593	4.569593	10
10	29	13	550	180	12	0.4	0.12	657.311	39.512	3786.16	3623.933	3.623933	10
10	29	14	775	105	12	0.4	0.12	678.29	40.462	3929.609	3762.299	3.762299	10
10	29	15	698	86	11	0.3	0.12	492.703	32.354	2962.181	2829.151	2.829151	10
10	29	16	508	61	9	0.2	0.12	257.074	20.303	1499.645	1418.438	1.418438	10
10	29	17	81	11	6	0.1	0.12	21.437	6.751	65.117	34.741	0.034741	10
10	29	18	0	0	4	0.2	0.12	0	4	0	0	0	10
10	29	19	0	0	3	0.2	0.12	0	3	0	0	0	10
10	29	20	0	0	2	0.2	0.12	0	2	0	0	0	10
10	29	21	0	0	2	0.2	0.12	0	2	0	0	0	10
10	29	22	0	0	1	0.3	0.12	0	1	0	0	0	10
10	29	23	0	0	1	0.5	0.12	0	1	0	0	0	10
10	30	0	0	0	0	0.6	0.12	0	0	0	0	0	10
10	30	1	0	0	0	0.6	0.12	0	0	0	0	0	10
10	30	2	0	0	0	0.7	0.12	0	0	0	0	0	10
10	30	3	0	0	0	0.8	0.12	0	0	0	0	0	10
10	30	4	0	0	0	0.9	0.12	0	0	0	0	0	10
10	30	5	0	0	0	0.9	0.12	0	0	0	0	0	10
10	30	6	0	0	0	0.9	0.12	0	0	0	0	0	10
10	30	7	17	25	1	0.5	0.12	28.894	2.025	117.452	85.222	0.085222	10
10	30	8	158	96	4	0.2	0.12	169.543	11.528	1047.369	982.188	0.982188	10
10	30	9	490	123	6	0.2	0.12	439.126	25.613	2692.358	2568.889	2.568889	10
10	30	10	689	144	8	0.2	0.12	683.55	38.482	3978.204	3809.173	3.809173	10
10	30	11	743	149	10	0.2	0.12	793.784	45.356	4472.142	4285.608	4.285608	10
10	30	12	785	137	12	0.3	0.12	832.978	47.95	4638.541	4446.111	4.446111	10
10	30	13	802	119	13	0.3	0.12	793.392	47.268	4444.521	4258.966	4.258966	10
10	30	14	755	109	13	0.3	0.12	666.685	41.839	3840.941	3676.773	3.676773	10
10	30	15	665	91	12	0.2	0.12	478.336	33.39	2861.993	2732.513	2.732513	10
10	30	16	473	62	10	0.2	0.12	244.504	20.747	1420.021	1341.636	1.341636	10
10	30	17	0	0	7	0.2	0.12	0	0	0	0	0	10

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
10	30	18	0	0	6	0.2	0.12	0	6	0	0	0	10
10	30	19	0	0	6	0.2	0.12	0	6	0	0	0	10
10	30	20	0	0	6	0.2	0.12	0	6	0	0	0	10
10	30	21	0	0	5	0.2	0.12	0	5	0	0	0	10
10	30	22	0	0	5	0.2	0.12	0	5	0	0	0	10
10	30	23	0	0	5	0.2	0.12	0	5	0	0	0	10
10	31	0	0	0	4	0.2	0.12	0	4	0	0	0	10
10	31	1	0	0	4	0.2	0.12	0	4	0	0	0	10
10	31	2	0	0	5	0.2	0.12	0	5	0	0	0	10
10	31	3	0	0	5	0.2	0.12	0	5	0	0	0	10
10	31	4	0	0	6	0.2	0.12	0	6	0	0	0	10
10	31	5	0	0	5	0.2	0.12	0	5	0	0	0	10
10	31	6	0	0	5	0.2	0.12	0	5	0	0	0	10
10	31	7	0	11	5	0.2	0.12	10.387	5.398	38.516	9.083	0.009083	10
10	31	8	0	63	6	0.3	0.12	60.519	8.607	366.15	325.108	0.325108	10
10	31	9	531	139	8	0.4	0.12	480.063	28.158	2918.502	2787.02	2.78702	10
10	31	10	770	110	11	0.5	0.12	703.131	39.636	4081.182	3908.502	3.908502	10
10	31	11	845	103	12	0.5	0.12	818.832	45.312	4623.684	4431.781	4.431781	10
10	31	12	873	97	13	0.4	0.12	854.637	48.8	4750.599	4554.198	4.554198	10
10	31	13	276	248	14	0.4	0.12	502.367	34.995	2922.895	2791.257	2.791257	10
10	31	14	0	42	13	0.3	0.12	39.757	14.71	228.922	192.743	0.192743	10
10	31	15	0	91	12	0.2	0.12	87.644	15.898	523.044	476.442	0.476442	10
10	31	16	132	73	11	0.3	0.12	126.304	16.402	740.888	686.568	0.686568	10
10	31	17	0	0	10	0.5	0.12	0	0	0	0	0	10
10	31	18	0	0	9	0.7	0.12	0	9	0	0	0	10
10	31	19	0	0	18	0.2	0.11	0	18	0	0	0	10
10	31	20	0	0	18	0.2	0.11	0	18	0	0	0	10
10	31	21	0	0	18	0.2	0.11	0	18	0	0	0	10
10	31	22	0	0	17	0.2	0.11	0	17	0	0	0	10
10	31	23	0	0	16	0.2	0.11	0	16	0	0	0	10
11	1	0	0	0	16	0.2	0.11	0	16	0	0	0	11
11	1	1	0	0	16	0.2	0.11	0	16	0	0	0	11
11	1	2	0	0	16	0.2	0.11	0	16	0	0	0	11
11	1	3	0	0	16	0.2	0.11	0	16	0	0	0	11
11	1	4	0	0	16	0.1	0.11	0	16	0	0	0	11
11	1	5	0	0	15	0.1	0.11	0	15	0	0	0	11
11	1	6	0	0	15	0.1	0.11	0	15	0	0	0	11
11	1	7	0	2	15	0.1	0.11	1.884	15.075	6.093	0	0	11
11	1	8	0	12	15	0.1	0.11	11.324	15.52	61.672	31.418	0.031418	11
11	1	9	0	98	15	0.2	0.11	94.324	19.193	555.965	508.197	0.508197	11
11	1	10	147	226	15	0.2	0.11	354.744	30.773	2086.637	1984.632	1.984632	11
11	1	11	224	286	17	0.1	0.11	497.789	39.84	2832.256	2703.83	2.70383	11
11	1	12	65	260	18	0.1	0.11	328.472	33.044	1891.341	1796.255	1.796255	11

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
11	1	13	89	251	19	0.1	0.11	335.778	34.394	1931.063	1834.57	1.83457	11
11	1	14	386	180	20	0	0.11	472.066	42.457	2688.491	2565.159	2.565159	11
11	1	15	295	165	20	0	0.11	347.912	36.571	2026.222	1926.357	1.926357	11
11	1	16	136	88	19	0.3	0.11	146.151	25.252	832.001	774.452	0.774452	11
11	1	17	0	0	18	0.6	0.11	0	0	0	0	0	11
11	1	18	0	0	18	0.6	0.11	0	18	0	0	0	11
11	1	19	0	0	17	0.7	0.11	0	17	0	0	0	11
11	1	20	0	0	15	0.8	0.11	0	15	0	0	0	11
11	1	21	0	0	14	0.5	0.11	0	14	0	0	0	11
11	1	22	0	0	14	0.2	0.11	0	14	0	0	0	11
11	1	23	0	0	14	0.2	0.11	0	14	0	0	0	11
11	2	0	0	0	14	0.2	0.11	0	14	0	0	0	11
11	2	1	0	0	15	0.2	0.11	0	15	0	0	0	11
11	2	2	0	0	14	0.2	0.11	0	14	0	0	0	11
11	2	3	0	0	14	0.2	0.11	0	14	0	0	0	11
11	2	4	0	0	14	0.2	0.11	0	14	0	0	0	11
11	2	5	0	0	13	0.2	0.11	0	13	0	0	0	11
11	2	6	0	0	13	0.2	0.11	0	13	0	0	0	11
11	2	7	137	24	14	0.2	0.11	56.63	16.034	189.837	155.042	0.155042	11
11	2	8	497	70	16	0.2	0.11	288.9	28.8	1681.313	1593.67	1.59367	11
11	2	9	674	92	19	0.3	0.11	512.712	41.214	2972.442	2839.049	2.839049	11
11	2	10	771	100	22	0.3	0.11	684.974	51.627	3787.579	3625.302	3.625302	11
11	2	11	813	105	24	0.4	0.11	790.191	57.114	4247.876	4069.289	4.069289	11
11	2	12	382	239	25	0.4	0.11	589.984	49.663	3241.205	3098.288	3.098288	11
11	2	13	797	107	25	0.3	0.11	765.11	58.059	4099.96	3926.614	3.926614	11
11	2	14	743	101	25	0.2	0.11	642.887	53.704	3527.847	3374.774	3.374774	11
11	2	15	636	87	24	0.2	0.11	453.147	44.266	2592.415	2472.488	2.472488	11
11	2	16	431	60	22	0.5	0.11	224.581	30.996	1241.133	1169.087	1.169087	11
11	2	17	0	0	20	0.9	0.11	0	0	0	0	0	11
11	2	18	0	0	18	1	0.11	0	18	0	0	0	11
11	2	19	0	0	17	1	0.11	0	17	0	0	0	11
11	2	20	0	0	16	1	0.11	0	16	0	0	0	11
11	2	21	0	0	15	0.9	0.11	0	15	0	0	0	11
11	2	22	0	0	14	0.8	0.11	0	14	0	0	0	11
11	2	23	0	0	13	0.5	0.11	0	13	0	0	0	11
11	3	0	0	0	12	0.2	0.11	0	12	0	0	0	11
11	3	1	0	0	11	0.2	0.11	0	11	0	0	0	11
11	3	2	0	0	11	0.2	0.11	0	11	0	0	0	11
11	3	3	0	0	10	0.2	0.11	0	10	0	0	0	11
11	3	4	0	0	10	0.3	0.11	0	10	0	0	0	11
11	3	5	0	0	9	0.5	0.11	0	9	0	0	0	11
11	3	6	0	0	9	0.4	0.11	0	9	0	0	0	11
11	3	7	182	22	11	0.2	0.11	62.138	13.194	205.494	170.144	0.170144	11

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
11	3	8	548	64	14	0.2	0.11	301.928	27.37	1765.73	1675.096	1.675096	11
11	3	9	715	83	18	0.2	0.11	524.742	41.464	3042.675	2906.793	2.906793	11
11	3	10	805	91	22	0.2	0.11	697.302	53.126	3834.319	3670.386	3.670386	11
11	3	11	844	96	24	0.3	0.11	802.49	58.673	4287.55	4107.557	4.107557	11
11	3	12	858	96	25	0.3	0.11	833.202	60.989	4400.402	4216.411	4.216411	11
11	3	13	847	92	25	0.4	0.11	785.104	57.917	4213.709	4036.333	4.036333	11
11	3	14	805	84	25	0.3	0.11	661.437	53.631	3636.243	3479.329	3.479329	11
11	3	15	717	72	24	0.2	0.11	478.047	45.387	2728.548	2603.797	2.603797	11
11	3	16	528	50	20	0.3	0.11	246.572	30.467	1360.806	1284.519	1.284519	11
11	3	17	0	0	17	0.6	0.11	0	0	0	0	0	11
11	3	18	0	0	16	0.8	0.11	0	16	0	0	0	11
11	3	19	0	0	15	0.8	0.11	0	15	0	0	0	11
11	3	20	0	0	14	0.7	0.11	0	14	0	0	0	11
11	3	21	0	0	13	0.5	0.11	0	13	0	0	0	11
11	3	22	0	0	13	0.3	0.11	0	13	0	0	0	11
11	3	23	0	0	12	0.2	0.11	0	12	0	0	0	11
11	4	0	0	0	12	0.2	0.11	0	12	0	0	0	11
11	4	1	0	0	12	0.2	0.11	0	12	0	0	0	11
11	4	2	0	0	11	0.2	0.11	0	11	0	0	0	11
11	4	3	0	0	11	0.2	0.11	0	11	0	0	0	11
11	4	4	0	0	10	0.2	0.11	0	10	0	0	0	11
11	4	5	0	0	10	0.2	0.11	0	10	0	0	0	11
11	4	6	0	0	10	0.2	0.11	0	10	0	0	0	11
11	4	7	251	19	11	0.2	0.11	71.366	13.467	228.728	192.555	0.192555	11
11	4	8	625	53	14	0.3	0.11	319.263	27.692	1862.647	1768.578	1.768578	11
11	4	9	777	69	18	0.3	0.11	540.86	41.446	3141.485	3002.102	3.002102	11
11	4	10	850	78	21	0.4	0.11	712.409	50.905	3958.578	3790.242	3.790242	11
11	4	11	882	83	23	0.5	0.11	809.452	55.95	4380.572	4197.283	4.197283	11
11	4	12	885	85	24	0.5	0.11	833.916	57.934	4467.665	4281.29	4.28129	11
11	4	13	860	85	25	0.4	0.11	784.723	57.906	4214.323	4036.924	4.036924	11
11	4	14	809	79	25	0.4	0.11	656.31	52.562	3626.276	3469.714	3.469714	11
11	4	15	714	67	24	0.3	0.11	467.104	44.255	2678.816	2555.827	2.555827	11
11	4	16	519	46	21	0.2	0.11	238.124	31.421	1303.655	1229.393	1.229393	11
11	4	17	0	0	18	0.2	0.11	0	0	0	0	0	11
11	4	18	0	0	18	0.2	0.11	0	18	0	0	0	11
11	4	19	0	0	19	0.2	0.11	0	19	0	0	0	11
11	4	20	0	0	19	0.2	0.11	0	19	0	0	0	11
11	4	21	0	0	18	0.2	0.11	0	18	0	0	0	11
11	4	22	0	0	18	0.2	0.11	0	18	0	0	0	11
11	4	23	0	0	18	0.2	0.11	0	18	0	0	0	11
11	5	0	0	0	17	0.2	0.11	0	17	0	0	0	11
11	5	1	0	0	17	0.2	0.11	0	17	0	0	0	11
11	5	2	0	0	17	0.2	0.11	0	17	0	0	0	11

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
11	5	3	0	0	17	0.2	0.11	0	17	0	0	0	11
11	5	4	0	0	18	0.2	0.11	0	18	0	0	0	11
11	5	5	0	0	18	0.2	0.11	0	18	0	0	0	11
11	5	6	0	0	18	0.2	0.11	0	18	0	0	0	11
11	5	7	0	11	18	0.2	0.11	10.389	18.398	36.114	6.767	0.006767	11
11	5	8	73	87	19	0.2	0.11	125.012	24.547	723.425	669.724	0.669724	11
11	5	9	393	131	19	0.2	0.11	385.1	36.197	2257.398	2149.341	2.149341	11
11	5	10	240	215	20	0.3	0.11	408.204	37.611	2353.657	2242.19	2.24219	11
11	5	11	58	240	20	0.3	0.11	299.648	32.885	1726.283	1637.046	1.637046	11
11	5	12	6	186	21	0.3	0.11	187.97	29.072	1078.187	1011.914	1.011914	11
11	5	13	219	244	20	0.3	0.11	440.023	38.959	2514.773	2397.597	2.397597	11
11	5	14	56	192	19	0.3	0.11	239.947	29.338	1403.386	1325.59	1.32559	11
11	5	15	0	107	18	0.3	0.11	104.936	22.524	614.086	564.258	0.564258	11
11	5	16	0	56	16	0.2	0.11	55.034	18.438	314.049	274.853	0.274853	11
11	5	17	0	0	14	0.2	0.11	0	0	0	0	0	11
11	5	18	0	0	12	0.2	0.11	0	12	0	0	0	11
11	5	19	0	0	11	0.3	0.11	0	11	0	0	0	11
11	5	20	0	0	10	0.3	0.11	0	10	0	0	0	11
11	5	21	0	0	9	0.3	0.11	0	9	0	0	0	11
11	5	22	0	0	9	0.2	0.11	0	9	0	0	0	11
11	5	23	0	0	9	0.2	0.11	0	9	0	0	0	11
11	6	0	0	0	9	0.1	0.11	0	9	0	0	0	11
11	6	1	0	0	9	0.1	0.11	0	9	0	0	0	11
11	6	2	0	0	8	0.1	0.11	0	8	0	0	0	11
11	6	3	0	0	8	0.1	0.11	0	8	0	0	0	11
11	6	4	0	0	8	0.1	0.11	0	8	0	0	0	11
11	6	5	0	0	8	0.2	0.11	0	8	0	0	0	11
11	6	6	0	0	8	0.2	0.11	0	8	0	0	0	11
11	6	7	0	0	8	0.3	0.11	0	0	0	0	0	11
11	6	8	0	3	8	0.4	0.11	2.829	8.118	14.905	0	0	11
11	6	9	0	50	9	0.3	0.11	47.311	11.039	280.853	242.833	0.242833	11
11	6	10	0	31	10	0.3	0.11	29.323	11.261	169.137	135.076	0.135076	11
11	6	11	0	45	10	0.3	0.11	42.606	11.83	247.828	210.978	0.210978	11
11	6	12	0	70	10	0.3	0.11	66.34	12.849	390.772	348.857	0.348857	11
11	6	13	0	70	10	0.3	0.11	66.329	12.85	391.676	349.729	0.349729	11
11	6	14	0	55	10	0.4	0.11	52.067	12.174	307.179	268.226	0.268226	11
11	6	15	0	53	9	0.4	0.11	50.157	11.098	298.827	260.17	0.26017	11
11	6	16	0	30	8	0.3	0.11	28.359	9.217	163.496	129.635	0.129635	11
11	6	17	0	0	7	0.3	0.11	0	0	0	0	0	11
11	6	18	0	0	7	0.3	0.11	0	7	0	0	0	11
11	6	19	0	0	6	0.3	0.11	0	6	0	0	0	11
11	6	20	0	0	6	0.3	0.11	0	6	0	0	0	11
11	6	21	0	0	5	0.2	0.11	0	5	0	0	0	11

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
11	6	22	0	0	4	0.2	0.11	0	4	0	0	0	11
11	6	23	0	0	3	0.1	0.11	0	3	0	0	0	11
11	7	0	0	0	3	0.1	0.11	0	3	0	0	0	11
11	7	1	0	0	2	0.1	0.11	0	2	0	0	0	11
11	7	2	0	0	2	0.2	0.11	0	2	0	0	0	11
11	7	3	0	0	1	0.2	0.11	0	1	0	0	0	11
11	7	4	0	0	0	0.1	0.11	0	0	0	0	0	11
11	7	5	0	0	0	0.1	0.11	0	0	0	0	0	11
11	7	6	0	0	0	0.1	0.11	0	0	0	0	0	11
11	7	7	204	18	0	0.1	0.11	59.303	2.12	198.299	163.204	0.163204	11
11	7	8	621	54	2	0.2	0.11	314.53	15.899	1910.406	1814.645	1.814645	11
11	7	9	544	101	5	0.3	0.11	439.435	24.036	2718.893	2594.484	2.594484	11
11	7	10	873	76	8	0.3	0.11	719.268	39.133	4199.419	4022.548	4.022548	11
11	7	11	644	141	9	0.3	0.11	689.247	38.768	3997.366	3827.656	3.827656	11
11	7	12	573	171	10	0.3	0.11	675.164	39.14	3899.441	3733.201	3.733201	11
11	7	13	367	214	10	0.4	0.11	529.876	32.175	3135.296	2996.132	2.996132	11
11	7	14	25	174	9	0.3	0.11	190.537	17.206	1159.486	1090.333	1.090333	11
11	7	15	58	131	8	0.2	0.11	167.991	15.483	1034.473	969.749	0.969749	11
11	7	16	19	61	6	0.2	0.11	70.306	9.108	417.974	375.095	0.375095	11
11	7	17	0	0	5	0.2	0.11	0	0	0	0	0	11
11	7	18	0	0	3	0.2	0.11	0	3	0	0	0	11
11	7	19	0	0	1	0.2	0.11	0	1	0	0	0	11
11	7	20	0	0	0	0.2	0.11	0	0	0	0	0	11
11	7	21	0	0	0	0.2	0.11	0	0	0	0	0	11
11	7	22	0	0	0	0.2	0.11	0	0	0	0	0	11
11	7	23	0	0	0	0.2	0.11	0	0	0	0	0	11
11	8	0	0	0	0	0.2	0.11	0	0	0	0	0	11
11	8	1	0	0	0	0.2	0.11	0	0	0	0	0	11
11	8	2	0	0	-1	0.2	0.11	0	-1	0	0	0	11
11	8	3	0	0	-1	0.2	0.11	0	-1	0	0	0	11
11	8	4	0	0	-1	0.2	0.11	0	-1	0	0	0	11
11	8	5	0	0	-1	0.2	0.11	0	-1	0	0	0	11
11	8	6	0	0	-1	0.2	0.11	0	-1	0	0	0	11
11	8	7	151	17	-1	0.2	0.11	43.003	0.484	142.243	109.135	0.109135	11
11	8	8	569	58	1	0.4	0.11	297.245	13.346	1818.365	1725.865	1.725865	11
11	8	9	736	79	3	0.5	0.11	522.929	24.351	3247.405	3104.269	3.104269	11
11	8	10	323	192	4	0.4	0.11	448.518	22.788	2755.37	2629.668	2.629668	11
11	8	11	386	215	5	0.4	0.11	551.514	28.078	3315.953	3170.388	3.170388	11
11	8	12	842	106	6	0.4	0.11	819.394	40.343	4726.301	4530.761	4.530761	11
11	8	13	825	103	6	0.4	0.11	768.961	38.249	4484.423	4297.454	4.297454	11
11	8	14	774	95	6	0.4	0.11	645.556	33.112	3862.664	3697.726	3.697726	11
11	8	15	664	82	5	0.4	0.11	453.602	24.076	2815.695	2687.855	2.687855	11
11	8	16	0	51	4	0.3	0.11	49.97	6.143	298.082	259.452	0.259452	11

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
11	8	17	0	0	2	0.2	0.11	0	2	0	0	0	11
11	8	18	0	0	0	0.2	0.11	0	0	0	0	0	11
11	8	19	0	0	0	0.2	0.12	0	0	0	0	0	11
11	8	20	0	0	0	0.2	0.12	0	0	0	0	0	11
11	8	21	0	0	0	0.2	0.12	0	0	0	0	0	11
11	8	22	0	0	-1	0.2	0.12	0	-1	0	0	0	11
11	8	23	0	0	-1	0.2	0.12	0	-1	0	0	0	11
11	9	0	0	0	-2	0.2	0.12	0	-2	0	0	0	11
11	9	1	0	0	-3	0.2	0.12	0	-3	0	0	0	11
11	9	2	0	0	-3	0.2	0.12	0	-3	0	0	0	11
11	9	3	0	0	-3	0.2	0.12	0	-3	0	0	0	11
11	9	4	0	0	-4	0.2	0.12	0	-4	0	0	0	11
11	9	5	0	0	-4	0.2	0.12	0	-4	0	0	0	11
11	9	6	0	0	-4	0.2	0.12	0	-4	0	0	0	11
11	9	7	206	16	-3	0.2	0.12	51.278	-1.267	166.481	132.514	0.132514	11
11	9	8	652	51	-1	0.3	0.12	317.876	12.598	1946.642	1849.597	1.849597	11
11	9	9	818	67	2	0.4	0.12	551.678	25.206	3420.344	3271.08	3.27108	11
11	9	10	900	74	5	0.4	0.12	726.362	35.505	4305.664	4125.029	4.125029	11
11	9	11	934	78	7	0.4	0.12	832.026	41.899	4782.128	4584.61	4.58461	11
11	9	12	942	78	8	0.3	0.12	859.411	45.148	4867.203	4666.671	4.666671	11
11	9	13	931	75	9	0.3	0.12	810.477	44.054	4623.587	4431.687	4.431687	11
11	9	14	884	70	9	0.3	0.12	686.181	38.721	4022.997	3852.379	3.852379	11
11	9	15	786	61	8	0.3	0.12	490.074	29.256	2990.762	2856.72	2.85672	11
11	9	16	571	42	5	0.2	0.12	246.287	15.735	1416.616	1338.352	1.338352	11
11	9	17	0	0	2	0.2	0.12	0	2	0	0	0	11
11	9	18	0	0	1	0.2	0.12	0	1	0	0	0	11
11	9	19	0	0	0	0.2	0.12	0	0	0	0	0	11
11	9	20	0	0	0	0.2	0.12	0	0	0	0	0	11
11	9	21	0	0	0	0.2	0.12	0	0	0	0	0	11
11	9	22	0	0	0	0.2	0.12	0	0	0	0	0	11
11	9	23	0	0	0	0.2	0.12	0	0	0	0	0	11
11	10	0	0	0	0	0.2	0.12	0	0	0	0	0	11
11	10	1	0	0	0	0.2	0.12	0	0	0	0	0	11
11	10	2	0	0	-1	0.1	0.12	0	-1	0	0	0	11
11	10	3	0	0	-1	0.1	0.12	0	-1	0	0	0	11
11	10	4	0	0	-1	0.1	0.12	0	-1	0	0	0	11
11	10	5	0	0	-1	0.1	0.12	0	-1	0	0	0	11
11	10	6	0	0	-2	0.1	0.12	0	-2	0	0	0	11
11	10	7	0	6	-1	0.1	0.12	5.819	-0.77	21.682	0	0	11
11	10	8	0	52	1	0.2	0.12	49.867	3.214	304.339	265.487	0.265487	11
11	10	9	364	126	5	0.2	0.12	358.634	21.017	2229.218	2122.16	2.12216	11
11	10	10	304	191	9	0.2	0.12	432.81	28.284	2601.983	2481.716	2.481716	11
11	10	11	826	98	12	0.2	0.12	773.909	46.52	4363.078	4180.409	4.180409	11

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
11	10	12	376	223	13	0.2	0.12	559.86	37.911	3235.273	3092.567	3.092567	11
11	10	13	812	97	14	0.3	0.12	748.066	46.346	4224.713	4046.947	4.046947	11
11	10	14	7	154	15	0.3	0.12	157.228	21.77	932.64	871.524	0.871524	11
11	10	15	0	28	14	0.2	0.12	26.467	15.177	150.7	117.292	0.117292	11
11	10	16	0	34	11	0.2	0.12	32.169	12.423	182.956	148.405	0.148405	11
11	10	17	0	0	9	0.2	0.12	0	9	0	0	0	11
11	10	18	0	0	9	0.2	0.12	0	9	0	0	0	11
11	10	19	0	0	9	0.2	0.12	0	9	0	0	0	11
11	10	20	0	0	8	0.2	0.12	0	8	0	0	0	11
11	10	21	0	0	8	0.2	0.12	0	8	0	0	0	11
11	10	22	0	0	8	0.2	0.12	0	8	0	0	0	11
11	10	23	0	0	9	0.2	0.12	0	9	0	0	0	11
11	11	0	0	0	9	0.2	0.12	0	9	0	0	0	11
11	11	1	0	0	9	0.2	0.12	0	9	0	0	0	11
11	11	2	0	0	10	0.2	0.12	0	10	0	0	0	11
11	11	3	0	0	10	0.3	0.12	0	10	0	0	0	11
11	11	4	0	0	10	0.3	0.12	0	10	0	0	0	11
11	11	5	0	0	10	0.3	0.12	0	10	0	0	0	11
11	11	6	0	0	11	0.4	0.12	0	11	0	0	0	11
11	11	7	19	10	11	0.4	0.12	12.914	11.448	43.417	13.811	0.013811	11
11	11	8	0	41	12	0.4	0.12	38.801	13.619	224.186	188.174	0.188174	11
11	11	9	0	84	13	0.5	0.12	80.64	16.274	478.997	433.956	0.433956	11
11	11	10	0	52	13	0.5	0.12	49.238	14.996	286.168	247.96	0.24796	11
11	11	11	0	34	14	0.5	0.12	32.185	15.303	182.427	147.895	0.147895	11
11	11	12	0	65	15	0.5	0.12	61.604	17.492	355.277	314.62	0.31462	11
11	11	13	0	52	16	0.5	0.12	49.252	17.994	281.404	243.364	0.243364	11
11	11	14	0	44	16	0.5	0.12	41.644	17.689	237.921	201.422	0.201422	11
11	11	15	0	26	15	0.4	0.12	24.573	16.028	138.91	105.92	0.10592	11
11	11	16	0	45	14	0.3	0.12	43.747	15.875	248.062	211.204	0.211204	11
11	11	17	0	0	14	0.3	0.12	0	14	0	0	0	11
11	11	18	0	0	14	0.3	0.12	0	14	0	0	0	11
11	11	19	0	0	14	0.3	0.12	0	14	0	0	0	11
11	11	20	0	0	14	0.4	0.12	0	14	0	0	0	11
11	11	21	0	0	15	0.3	0.12	0	15	0	0	0	11
11	11	22	0	0	15	0.3	0.12	0	15	0	0	0	11
11	11	23	0	0	16	0.4	0.12	0	16	0	0	0	11
11	12	0	0	0	16	0.4	0.12	0	16	0	0	0	11
11	12	1	0	0	16	0.5	0.12	0	16	0	0	0	11
11	12	2	0	0	16	0.5	0.12	0	16	0	0	0	11
11	12	3	0	0	16	0.4	0.12	0	16	0	0	0	11
11	12	4	0	0	16	0.3	0.12	0	16	0	0	0	11
11	12	5	0	0	15	0.2	0.12	0	15	0	0	0	11
11	12	6	0	0	15	0.2	0.12	0	15	0	0	0	11

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
11	12	7	0	4	15	0.2	0.12	3.879	15.149	13.053	0	0	11
11	12	8	27	73	16	0.3	0.12	87.123	19.743	505.085	459.12	0.45912	11
11	12	9	27	133	17	0.4	0.12	154.461	23.464	915.927	855.404	0.855404	11
11	12	10	116	202	18	0.4	0.12	304.455	30.734	1788.312	1696.877	1.696877	11
11	12	11	118	242	20	0.5	0.12	360.73	34.629	2083.747	1981.843	1.981843	11
11	12	12	457	203	21	0.5	0.12	611.185	45.838	3429.276	3279.695	3.279695	11
11	12	13	433	195	21	0.6	0.12	565.078	43.328	3207.614	3065.888	3.065888	11
11	12	14	376	163	21	0.5	0.12	437.541	38.817	2533.864	2416.011	2.416011	11
11	12	15	19	116	20	0.4	0.12	125.811	25.265	734.893	680.785	0.680785	11
11	12	16	0	50	19	0.4	0.12	49.535	21.058	275.698	237.861	0.237861	11
11	12	17	0	0	17	0.4	0.12	0	17	0	0	0	11
11	12	18	0	0	16	0.5	0.12	0	16	0	0	0	11
11	12	19	0	0	14	0.7	0.12	0	14	0	0	0	11
11	12	20	0	0	12	0.8	0.12	0	12	0	0	0	11
11	12	21	0	0	9	0.9	0.12	0	9	0	0	0	11
11	12	22	0	0	7	1	0.12	0	7	0	0	0	11
11	12	23	0	0	5	1	0.12	0	5	0	0	0	11
11	13	0	0	0	4	0.9	0.12	0	4	0	0	0	11
11	13	1	0	0	4	0.9	0.12	0	4	0	0	0	11
11	13	2	0	0	3	0.8	0.12	0	3	0	0	0	11
11	13	3	0	0	2	0.6	0.12	0	2	0	0	0	11
11	13	4	0	0	1	0.6	0.12	0	1	0	0	0	11
11	13	5	0	0	0	0.6	0.12	0	0	0	0	0	11
11	13	6	0	0	0	0.6	0.12	0	0	0	0	0	11
11	13	7	201	11	0	0.6	0.12	43.904	1.28	134.454	101.622	0.101622	11
11	13	8	667	44	1	0.7	0.12	309.563	12.758	1876.35	1781.796	1.781796	11
11	13	9	825	61	2	0.8	0.12	539.872	22.286	3386.346	3238.286	3.238286	11
11	13	10	895	71	3	0.9	0.12	709.33	28.921	4318.628	4137.534	4.137534	11
11	13	11	928	77	4	1	0.12	815.759	33.017	4862.532	4662.166	4.662166	11
11	13	12	938	78	5	1	0.12	846.048	35.084	4994.494	4789.451	4.789451	11
11	13	13	928	75	6	1	0.12	798.848	34.423	4741.183	4545.116	4.545116	11
11	13	14	878	71	5	0.9	0.12	675.443	29.691	4106.054	3932.492	3.932492	11
11	13	15	783	60	5	0.8	0.12	481.357	23.085	3005.596	2871.028	2.871028	11
11	13	16	578	39	4	0.6	0.12	239.448	13.229	1374.138	1297.378	1.297378	11
11	13	17	0	0	2	0.4	0.12	0	2	0	0	0	11
11	13	18	0	0	1	0.4	0.12	0	1	0	0	0	11
11	13	19	0	0	0	0.3	0.12	0	0	0	0	0	11
11	13	20	0	0	0	0.2	0.12	0	0	0	0	0	11
11	13	21	0	0	-1	0.2	0.12	0	-1	0	0	0	11
11	13	22	0	0	-2	0.2	0.12	0	-2	0	0	0	11
11	13	23	0	0	-2	0.2	0.12	0	-2	0	0	0	11
11	14	0	0	0	-2	0.2	0.12	0	-2	0	0	0	11
11	14	1	0	0	-2	0.2	0.12	0	-2	0	0	0	11

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
11	14	2	0	0	-3	0.2	0.12	0	-3	0	0	0	11
11	14	3	0	0	-3	0.2	0.12	0	-3	0	0	0	11
11	14	4	0	0	-3	0.2	0.12	0	-3	0	0	0	11
11	14	5	0	0	-4	0.2	0.12	0	-4	0	0	0	11
11	14	6	0	0	-4	0.2	0.12	0	-4	0	0	0	11
11	14	7	0	0	-3	0.2	0.12	0	0	0	0	0	11
11	14	8	226	68	-1	0.3	0.12	165.299	6.07	1018.442	954.287	0.954287	11
11	14	9	264	132	2	0.3	0.12	299.164	14.943	1891.799	1796.697	1.796697	11
11	14	10	414	163	5	0.4	0.12	483.436	25.271	2956.445	2823.619	2.823619	11
11	14	11	499	177	7	0.5	0.12	601.019	31.445	3583.874	3428.815	3.428815	11
11	14	12	417	206	8	0.5	0.12	580.499	31.59	3447.512	3297.285	3.297285	11
11	14	13	325	209	8	0.5	0.12	487.441	27.812	2933.723	2801.702	2.801702	11
11	14	14	190	183	8	0.4	0.12	328.237	21.749	2012.13	1912.764	1.912764	11
11	14	15	8	110	7	0.3	0.12	113.822	11.909	698.559	645.739	0.645739	11
11	14	16	228	53	5	0.2	0.12	143.21	11.256	830.274	772.786	0.772786	11
11	14	17	0	0	3	0.2	0.12	0	3	0	0	0	11
11	14	18	0	0	3	0.2	0.12	0	3	0	0	0	11
11	14	19	0	0	3	0.2	0.12	0	3	0	0	0	11
11	14	20	0	0	3	0.2	0.12	0	3	0	0	0	11
11	14	21	0	0	3	0.2	0.12	0	3	0	0	0	11
11	14	22	0	0	3	0.2	0.12	0	3	0	0	0	11
11	14	23	0	0	3	0.2	0.12	0	3	0	0	0	11
11	15	0	0	0	3	0.2	0.12	0	3	0	0	0	11
11	15	1	0	0	3	0.2	0.12	0	3	0	0	0	11
11	15	2	0	0	2	0.2	0.12	0	2	0	0	0	11
11	15	3	0	0	2	0.2	0.12	0	2	0	0	0	11
11	15	4	0	0	2	0.2	0.12	0	2	0	0	0	11
11	15	5	0	0	2	0.3	0.12	0	2	0	0	0	11
11	15	6	0	0	2	0.2	0.12	0	2	0	0	0	11
11	15	7	0	0	2	0.2	0.12	0	0	0	0	0	11
11	15	8	0	49	3	0.3	0.12	47.169	5.027	283.874	245.747	0.245747	11
11	15	9	0	55	4	0.4	0.12	52.072	6.178	317.043	277.741	0.277741	11
11	15	10	193	195	5	0.4	0.12	349.007	19.613	2156.718	2052.229	2.052229	11
11	15	11	0	102	6	0.5	0.12	97.465	9.946	591.993	542.948	0.542948	11
11	15	12	0	107	6	0.5	0.12	102.385	10.144	621.608	571.514	0.571514	11
11	15	13	0	95	7	0.5	0.12	90.518	10.666	547.236	499.777	0.499777	11
11	15	14	602	128	8	0.4	0.12	557.004	31.387	3349.13	3202.389	3.202389	11
11	15	15	0	35	7	0.3	0.12	33.097	8.427	196.05	161.036	0.161036	11
11	15	16	206	63	7	0.2	0.12	143.751	13.284	828.725	771.292	0.771292	11
11	15	17	0	0	6	0.2	0.12	0	6	0	0	0	11
11	15	18	0	0	6	0.2	0.12	0	6	0	0	0	11
11	15	19	0	0	6	0.2	0.12	0	6	0	0	0	11
11	15	20	0	0	6	0.2	0.12	0	6	0	0	0	11

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
11	15	21	0	0	6	0.2	0.12	0	6	0	0	0	11
11	15	22	0	0	6	0.2	0.12	0	6	0	0	0	11
11	15	23	0	0	6	0.2	0.12	0	6	0	0	0	11
11	16	0	0	0	6	0.2	0.12	0	6	0	0	0	11
11	16	1	0	0	6	0.2	0.12	0	6	0	0	0	11
11	16	2	0	0	6	0.2	0.12	0	6	0	0	0	11
11	16	3	0	0	6	0.2	0.12	0	6	0	0	0	11
11	16	4	0	0	6	0.2	0.12	0	6	0	0	0	11
11	16	5	0	0	7	0.2	0.12	0	7	0	0	0	11
11	16	6	0	0	7	0.2	0.12	0	7	0	0	0	11
11	16	7	0	0	7	0.2	0.12	0	0	0	0	0	11
11	16	8	0	58	7	0.2	0.12	57.234	9.537	340.379	300.25	0.30025	11
11	16	9	0	48	9	0.3	0.12	45.426	10.958	269.668	232.045	0.232045	11
11	16	10	6	154	10	0.3	0.12	156.834	16.752	948.807	887.119	0.887119	11
11	16	11	0	79	12	0.3	0.12	74.897	15.22	440.909	397.218	0.397218	11
11	16	12	0	58	13	0.3	0.12	54.95	15.361	318.726	279.365	0.279365	11
11	16	13	0	62	14	0.4	0.12	58.74	16.45	340.891	300.744	0.300744	11
11	16	14	230	177	14	0.3	0.12	356.041	29.38	2125.845	2022.45	2.02245	11
11	16	15	0	98	13	0.2	0.12	96.802	17.307	577.219	528.698	0.528698	11
11	16	16	0	5	11	0.1	0.12	4.715	11.215	24.455	0	0	11
11	16	17	0	0	10	0.1	0.12	0	10	0	0	0	11
11	16	18	0	0	9	0.1	0.12	0	9	0	0	0	11
11	16	19	0	0	9	0.2	0.11	0	9	0	0	0	11
11	16	20	0	0	8	0.2	0.11	0	8	0	0	0	11
11	16	21	0	0	8	0.4	0.11	0	8	0	0	0	11
11	16	22	0	0	8	0.6	0.11	0	8	0	0	0	11
11	16	23	0	0	7	0.6	0.11	0	7	0	0	0	11
11	17	0	0	0	7	0.4	0.11	0	7	0	0	0	11
11	17	1	0	0	6	0.4	0.11	0	6	0	0	0	11
11	17	2	0	0	6	0.2	0.11	0	6	0	0	0	11
11	17	3	0	0	6	0.1	0.11	0	6	0	0	0	11
11	17	4	0	0	6	0.1	0.11	0	6	0	0	0	11
11	17	5	0	0	6	0.1	0.11	0	6	0	0	0	11
11	17	6	0	0	5	0.2	0.11	0	5	0	0	0	11
11	17	7	0	0	5	0.2	0.11	0	0	0	0	0	11
11	17	8	0	53	5	0.2	0.11	51.794	7.295	309.346	270.317	0.270317	11
11	17	9	41	129	7	0.2	0.11	158.508	14.059	978.553	915.811	0.915811	11
11	17	10	83	189	10	0.2	0.11	257.519	21.458	1562.343	1478.915	1.478915	11
11	17	11	812	104	13	0.3	0.11	753.819	45.602	4273.675	4094.174	4.094174	11
11	17	12	282	228	14	0.3	0.11	486.308	34.97	2837.817	2709.194	2.709194	11
11	17	13	809	100	15	0.4	0.11	735.371	45.86	4168.649	3992.869	3.992869	11
11	17	14	409	148	16	0.4	0.11	448.236	34.808	2644.405	2522.635	2.522635	11
11	17	15	647	75	15	0.3	0.11	426.644	33.487	2545.523	2427.257	2.427257	11

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
11	17	16	392	48	11	0.2	0.11	189.156	19.22	1053.552	988.153	0.988153	11
11	17	17	0	0	9	0.2	0.11	0	9	0	0	0	11
11	17	18	0	0	9	0.3	0.11	0	9	0	0	0	11
11	17	19	0	0	10	0.3	0.11	0	10	0	0	0	11
11	17	20	0	0	10	0.3	0.11	0	10	0	0	0	11
11	17	21	0	0	10	0.4	0.11	0	10	0	0	0	11
11	17	22	0	0	10	0.3	0.11	0	10	0	0	0	11
11	17	23	0	0	10	0.3	0.11	0	10	0	0	0	11
11	18	0	0	0	10	0.3	0.11	0	10	0	0	0	11
11	18	1	0	0	10	0.3	0.11	0	10	0	0	0	11
11	18	2	0	0	11	0.3	0.11	0	11	0	0	0	11
11	18	3	0	0	12	0.3	0.11	0	12	0	0	0	11
11	18	4	0	0	12	0.3	0.11	0	12	0	0	0	11
11	18	5	0	0	13	0.4	0.11	0	13	0	0	0	11
11	18	6	0	0	13	0.4	0.11	0	13	0	0	0	11
11	18	7	0	0	13	0.4	0.11	0	0	0	0	0	11
11	18	8	0	14	13	0.4	0.11	13.211	13.55	72.223	41.596	0.041596	11
11	18	9	0	60	14	0.5	0.11	56.805	16.307	332.819	292.958	0.292958	11
11	18	10	0	75	16	0.7	0.11	71.057	18.723	413.643	370.918	0.370918	11
11	18	11	0	152	17	0.8	0.11	149.076	22.553	875.036	815.962	0.815962	11
11	18	12	1	163	18	0.8	0.11	161.097	23.999	941.42	879.994	0.879994	11
11	18	13	0	128	18	0.8	0.11	124.167	22.626	724.238	670.508	0.670508	11
11	18	14	13	151	18	0.9	0.11	159.017	23.781	938.322	877.005	0.877005	11
11	18	15	0	72	19	1	0.11	69.151	21.452	399.66	357.431	0.357431	11
11	18	16	0	1	18	1	0.11	0.942	18.033	0	0	0	11
11	18	17	0	0	18	0.9	0.11	0	18	0	0	0	11
11	18	18	0	0	17	0.7	0.11	0	17	0	0	0	11
11	18	19	0	0	17	0.6	0.11	0	17	0	0	0	11
11	18	20	0	0	16	0.5	0.11	0	16	0	0	0	11
11	18	21	0	0	16	0.3	0.11	0	16	0	0	0	11
11	18	22	0	0	15	0.2	0.11	0	15	0	0	0	11
11	18	23	0	0	15	0.2	0.11	0	15	0	0	0	11
11	19	0	0	0	14	0.2	0.11	0	14	0	0	0	11
11	19	1	0	0	13	0.2	0.11	0	13	0	0	0	11
11	19	2	0	0	12	0.2	0.11	0	12	0	0	0	11
11	19	3	0	0	12	0.2	0.11	0	12	0	0	0	11
11	19	4	0	0	12	0.2	0.11	0	12	0	0	0	11
11	19	5	0	0	12	0.3	0.11	0	12	0	0	0	11
11	19	6	0	0	11	0.2	0.11	0	11	0	0	0	11
11	19	7	0	0	11	0.1	0.11	0	0	0	0	0	11
11	19	8	97	65	11	0.2	0.11	108.872	15.803	635.734	585.139	0.585139	11
11	19	9	0	104	12	0.4	0.11	102.619	16.292	615.855	565.965	0.565965	11
11	19	10	236	184	12	0.6	0.11	373.206	26.753	2252.389	2144.51	2.14451	11

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
11	19	11	447	182	13	0.7	0.11	560.854	34.562	3303.507	3158.383	3.158383	11
11	19	12	918	74	14	0.8	0.11	811.385	44.407	4624.256	4432.332	4.432332	11
11	19	13	914	68	14	0.8	0.11	767.34	42.774	4413.905	4229.435	4.229435	11
11	19	14	864	62	14	0.7	0.11	640.953	38.728	3766.566	3605.034	3.605034	11
11	19	15	762	53	13	0.6	0.11	455.476	31.069	2749.533	2624.038	2.624038	11
11	19	16	544	34	11	0.4	0.11	219.593	19.932	1207.511	1136.656	1.136656	11
11	19	17	0	0	9	0.4	0.11	0	9	0	0	0	11
11	19	18	0	0	9	0.4	0.11	0	9	0	0	0	11
11	19	19	0	0	8	0.4	0.11	0	8	0	0	0	11
11	19	20	0	0	7	0.3	0.11	0	7	0	0	0	11
11	19	21	0	0	6	0.3	0.11	0	6	0	0	0	11
11	19	22	0	0	6	0.3	0.11	0	6	0	0	0	11
11	19	23	0	0	5	0.3	0.11	0	5	0	0	0	11
11	20	0	0	0	4	0.2	0.11	0	4	0	0	0	11
11	20	1	0	0	3	0.2	0.11	0	3	0	0	0	11
11	20	2	0	0	3	0.3	0.11	0	3	0	0	0	11
11	20	3	0	0	3	0.6	0.11	0	3	0	0	0	11
11	20	4	0	0	3	0.8	0.11	0	3	0	0	0	11
11	20	5	0	0	3	0.8	0.11	0	3	0	0	0	11
11	20	6	0	0	3	0.8	0.11	0	3	0	0	0	11
11	20	7	0	0	3	0.5	0.11	0	0	0	0	0	11
11	20	8	569	42	6	0.3	0.11	260.167	17.049	1519.383	1437.477	1.437477	11
11	20	9	762	59	9	0.3	0.11	488.083	30.171	2968.365	2835.116	2.835116	11
11	20	10	846	68	12	0.4	0.11	660.319	39.752	3859.104	3694.293	3.694293	11
11	20	11	884	72	14	0.4	0.11	759.194	45.871	4309.065	4128.31	4.12831	11
11	20	12	895	72	15	0.4	0.11	788.917	48.107	4429.947	4244.908	4.244908	11
11	20	13	885	68	16	0.5	0.11	743.954	46.331	4218.439	4040.895	4.040895	11
11	20	14	842	62	17	0.4	0.11	625.268	43.29	3606.891	3451.017	3.451017	11
11	20	15	746	53	16	0.3	0.11	446.487	35.35	2647.675	2525.789	2.525789	11
11	20	16	528	34	13	0.3	0.11	214.069	21.972	1164.711	1095.373	1.095373	11
11	20	17	0	0	10	0.3	0.11	0	10	0	0	0	11
11	20	18	0	0	9	0.3	0.11	0	9	0	0	0	11
11	20	19	0	0	9	0.3	0.11	0	9	0	0	0	11
11	20	20	0	0	9	0.3	0.11	0	9	0	0	0	11
11	20	21	0	0	8	0.3	0.11	0	8	0	0	0	11
11	20	22	0	0	8	0.3	0.11	0	8	0	0	0	11
11	20	23	0	0	8	0.3	0.11	0	8	0	0	0	11
11	21	0	0	0	8	0.3	0.11	0	8	0	0	0	11
11	21	1	0	0	8	0.3	0.11	0	8	0	0	0	11
11	21	2	0	0	8	0.3	0.11	0	8	0	0	0	11
11	21	3	0	0	8	0.3	0.11	0	8	0	0	0	11
11	21	4	0	0	8	0.3	0.11	0	8	0	0	0	11
11	21	5	0	0	8	0.3	0.11	0	8	0	0	0	11

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
11	21	6	0	0	7	0.3	0.11	0	7	0	0	0	11
11	21	7	0	0	8	0.3	0.11	0	0	0	0	0	11
11	21	8	557	43	10	0.3	0.11	258.149	20.958	1481.647	1401.078	1.401078	11
11	21	9	758	60	12	0.4	0.11	485.047	32.409	2923.683	2792.017	2.792017	11
11	21	10	383	160	15	0.5	0.11	451.908	33.404	2677.984	2555.024	2.555024	11
11	21	11	511	163	17	0.5	0.11	585.367	40.824	3370.104	3222.619	3.222619	11
11	21	12	656	127	18	0.5	0.11	674.893	45.476	3819.782	3656.364	3.656364	11
11	21	13	887	71	19	0.5	0.11	747.326	49.469	4182.916	4006.631	4.006631	11
11	21	14	526	121	18	0.4	0.11	490.599	38.603	2863.97	2734.42	2.73442	11
11	21	15	697	52	17	0.3	0.11	419.949	35.197	2487.66	2371.445	2.371445	11
11	21	16	514	35	14	0.2	0.11	210.186	23.086	1136.257	1067.927	1.067927	11
11	21	17	0	0	11	0.2	0.11	0	11	0	0	0	11
11	21	18	0	0	10	0.2	0.11	0	10	0	0	0	11
11	21	19	0	0	10	0.3	0.11	0	10	0	0	0	11
11	21	20	0	0	9	0.3	0.11	0	9	0	0	0	11
11	21	21	0	0	9	0.3	0.11	0	9	0	0	0	11
11	21	22	0	0	9	0.3	0.11	0	9	0	0	0	11
11	21	23	0	0	9	0.3	0.11	0	9	0	0	0	11
11	22	0	0	0	9	0.3	0.11	0	9	0	0	0	11
11	22	1	0	0	9	0.3	0.11	0	9	0	0	0	11
11	22	2	0	0	9	0.3	0.11	0	9	0	0	0	11
11	22	3	0	0	9	0.3	0.11	0	9	0	0	0	11
11	22	4	0	0	9	0.3	0.11	0	9	0	0	0	11
11	22	5	0	0	10	0.3	0.11	0	10	0	0	0	11
11	22	6	0	0	10	0.3	0.11	0	10	0	0	0	11
11	22	7	0	0	10	0.3	0.11	0	0	0	0	0	11
11	22	8	0	11	11	0.4	0.11	10.377	11.432	56.37	26.305	0.026305	11
11	22	9	198	124	13	0.5	0.11	250.822	23.217	1527.499	1445.306	1.445306	11
11	22	10	470	139	16	0.6	0.11	485.283	35.217	2864.926	2735.343	2.735343	11
11	22	11	691	127	17	0.6	0.11	682.849	44.028	3895.108	3729.021	3.729021	11
11	22	12	712	127	18	0.6	0.11	716.79	46.362	4044.959	3873.562	3.873562	11
11	22	13	383	185	19	0.6	0.11	497.975	38.687	2882.202	2752.006	2.752006	11
11	22	14	436	137	19	0.5	0.11	450.263	37.351	2633.72	2512.329	2.512329	11
11	22	15	606	63	18	0.4	0.11	388.61	34.329	2302.956	2193.285	2.193285	11
11	22	16	264	48	17	0.3	0.11	148.162	23.237	803.72	747.173	0.747173	11
11	22	17	0	0	16	0.3	0.11	0	16	0	0	0	11
11	22	18	0	0	15	0.3	0.11	0	15	0	0	0	11
11	22	19	0	0	15	0.3	0.11	0	15	0	0	0	11
11	22	20	0	0	15	0.3	0.11	0	15	0	0	0	11
11	22	21	0	0	15	0.3	0.11	0	15	0	0	0	11
11	22	22	0	0	14	0.3	0.11	0	14	0	0	0	11
11	22	23	0	0	14	0.3	0.11	0	14	0	0	0	11
11	23	0	0	0	13	0.3	0.11	0	13	0	0	0	11

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
11	23	1	0	0	13	0.3	0.11	0	13	0	0	0	11
11	23	2	0	0	13	0.3	0.11	0	13	0	0	0	11
11	23	3	0	0	13	0.3	0.11	0	13	0	0	0	11
11	23	4	0	0	12	0.3	0.11	0	12	0	0	0	11
11	23	5	0	0	11	0.3	0.11	0	11	0	0	0	11
11	23	6	0	0	11	0.3	0.11	0	11	0	0	0	11
11	23	7	0	0	11	0.3	0.11	0	11	0	0	0	11
11	23	8	134	58	12	0.5	0.11	118.168	16.743	681.4	629.187	0.629187	11
11	23	9	532	82	14	0.6	0.11	389.082	29.435	2356.938	2245.354	2.245354	11
11	23	10	296	168	16	0.7	0.11	392.5	31.101	2337.915	2227.006	2.227006	11
11	23	11	460	172	17	0.8	0.11	555.107	37.778	3232.198	3089.601	3.089601	11
11	23	12	697	114	18	0.9	0.11	688.77	43.129	3940.866	3773.157	3.773157	11
11	23	13	466	166	18	0.9	0.11	547.431	37.962	3187.427	3046.415	3.046415	11
11	23	14	242	166	18	0.8	0.11	349.483	31.086	2075.592	1973.977	1.973977	11
11	23	15	212	109	17	0.7	0.11	234.354	26.018	1406.035	1328.146	1.328146	11
11	23	16	250	44	16	0.5	0.11	138.993	21.508	755.895	701.042	0.701042	11
11	23	17	0	0	15	0.5	0.11	0	15	0	0	0	11
11	23	18	0	0	14	0.6	0.11	0	14	0	0	0	11
11	23	19	0	0	14	0.6	0.11	0	14	0	0	0	11
11	23	20	0	0	14	0.6	0.11	0	14	0	0	0	11
11	23	21	0	0	14	0.7	0.11	0	14	0	0	0	11
11	23	22	0	0	15	0.7	0.11	0	15	0	0	0	11
11	23	23	0	0	14	0.7	0.11	0	14	0	0	0	11
11	24	0	0	0	14	0.6	0.11	0	14	0	0	0	11
11	24	1	0	0	13	0.5	0.11	0	13	0	0	0	11
11	24	2	0	0	11	0.5	0.11	0	11	0	0	0	11
11	24	3	0	0	8	0.7	0.11	0	8	0	0	0	11
11	24	4	0	0	4	0.8	0.11	0	4	0	0	0	11
11	24	5	0	0	2	0.8	0.11	0	2	0	0	0	11
11	24	6	0	0	1	0.8	0.11	0	1	0	0	0	11
11	24	7	0	0	1	0.8	0.11	0	1	0	0	0	11
11	24	8	0	15	1	0.8	0.11	14.157	1.525	81.397	50.445	0.050445	11
11	24	9	0	18	1	0.9	0.11	16.998	1.618	100.841	69.2	0.0692	11
11	24	10	0	52	1	1	0.11	49.214	2.743	302.038	263.268	0.263268	11
11	24	11	0	65	1	1	0.11	61.565	3.178	378.568	337.086	0.337086	11
11	24	12	0	67	1	1	0.11	63.47	3.244	390.018	348.13	0.34813	11
11	24	13	0	117	1	1	0.11	113.106	5.002	706.279	653.185	0.653185	11
11	24	14	0	129	0	0.9	0.11	127.338	4.629	803.644	747.1	0.7471	11
11	24	15	8	101	0	0.8	0.11	105.197	3.93	663.867	612.276	0.612276	11
11	24	16	406	45	0	0.6	0.11	188.354	7.229	1082.22	1015.804	1.015804	11
11	24	17	0	0	-1	0.4	0.11	0	-1	0	0	0	11
11	24	18	0	0	-2	0.4	0.11	0	-2	0	0	0	11
11	24	19	0	0	-3	0.4	0.11	0	-3	0	0	0	11

Month	Day	Hour	Beam Irradiance (W/m ²)	Diffuse Irradiance (W/m ²)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m ²)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
11	24	20	0	0	-3	0.4	0.11	0	-3	0	0	0	11
11	24	21	0	0	-4	0.4	0.11	0	-4	0	0	0	11
11	24	22	0	0	-4	0.3	0.11	0	-4	0	0	0	11
11	24	23	0	0	-4	0.3	0.11	0	-4	0	0	0	11
11	25	0	0	0	-5	0.3	0.11	0	-5	0	0	0	11
11	25	1	0	0	-5	0.3	0.11	0	-5	0	0	0	11
11	25	2	0	0	-5	0.3	0.11	0	-5	0	0	0	11
11	25	3	0	0	-4	0.2	0.11	0	-4	0	0	0	11
11	25	4	0	0	-4	0.2	0.11	0	-4	0	0	0	11
11	25	5	0	0	-4	0.3	0.11	0	-4	0	0	0	11
11	25	6	0	0	-3	0.3	0.11	0	-3	0	0	0	11
11	25	7	0	0	-2	0.2	0.11	0	-2	0	0	0	11
11	25	8	130	56	-1	0.3	0.11	114.175	3.86	688.797	636.322	0.636322	11
11	25	9	779	59	0	0.3	0.11	486.903	21.12	3065.389	2928.702	2.928702	11
11	25	10	476	134	2	0.4	0.11	480.132	22.156	2983.965	2850.163	2.850163	11
11	25	11	924	69	3	0.5	0.11	774.617	34.585	4606.116	4414.835	4.414835	11
11	25	12	178	226	4	0.5	0.11	389.964	19.834	2402.014	2288.833	2.288833	11
11	25	13	256	202	5	0.5	0.11	423.507	22.217	2601.014	2480.782	2.480782	11
11	25	14	758	67	5	0.5	0.11	575.864	28.509	3520.658	3367.839	3.367839	11
11	25	15	486	78	4	0.4	0.11	344.248	18.455	2159.228	2054.65	2.05465	11
11	25	16	315	43	2	0.2	0.11	158.061	8.844	900.237	840.27	0.84027	11
11	25	17	0	0	1	0.2	0.11	0	1	0	0	0	11
11	25	18	0	0	1	0.2	0.11	0	1	0	0	0	11
11	25	19	0	0	1	0.2	0.11	0	1	0	0	0	11
11	25	20	0	0	1	0.3	0.11	0	1	0	0	0	11
11	25	21	0	0	0	0.3	0.11	0	0	0	0	0	11
11	25	22	0	0	0	0.3	0.11	0	0	0	0	0	11
11	25	23	0	0	0	0.2	0.11	0	0	0	0	0	11
11	26	0	0	0	0	0.2	0.11	0	0	0	0	0	11
11	26	1	0	0	1	0.2	0.11	0	1	0	0	0	11
11	26	2	0	0	1	0.2	0.11	0	1	0	0	0	11
11	26	3	0	0	1	0.2	0.11	0	1	0	0	0	11
11	26	4	0	0	1	0.2	0.11	0	1	0	0	0	11
11	26	5	0	0	1	0.2	0.11	0	1	0	0	0	11
11	26	6	0	0	1	0.2	0.11	0	1	0	0	0	11
11	26	7	0	0	1	0.2	0.11	0	1	0	0	0	11
11	26	8	0	39	2	0.3	0.11	37.486	3.605	221.712	185.788	0.185788	11
11	26	9	119	121	4	0.4	0.11	197.987	12.3	1245.366	1173.169	1.173169	11
11	26	10	450	138	6	0.5	0.11	466.527	25.014	2866.096	2736.471	2.736471	11
11	26	11	337	193	8	0.5	0.11	474.77	27.311	2869.91	2740.15	2.74015	11
11	26	12	287	212	9	0.5	0.11	467.435	27.997	2808.943	2681.343	2.681343	11
11	26	13	56	198	10	0.6	0.11	252.019	19.937	1531.431	1449.099	1.449099	11
11	26	14	48	160	10	0.5	0.11	200.727	18.155	1225.872	1154.367	1.154367	11

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
11	26	15	289	100	9	0.3	0.11	261.532	20.31	1612.302	1527.104	1.527104	11
11	26	16	199	46	6	0.2	0.11	125.722	11.46	710.255	657.02	0.65702	11
11	26	17	0	0	4	0.2	0.11	0	4	0	0	0	11
11	26	18	0	0	4	0.3	0.11	0	4	0	0	0	11
11	26	19	0	0	4	0.3	0.11	0	4	0	0	0	11
11	26	20	0	0	5	0.3	0.11	0	5	0	0	0	11
11	26	21	0	0	5	0.3	0.11	0	5	0	0	0	11
11	26	22	0	0	5	0.3	0.11	0	5	0	0	0	11
11	26	23	0	0	5	0.3	0.11	0	5	0	0	0	11
11	27	0	0	0	6	0.4	0.11	0	6	0	0	0	11
11	27	1	0	0	7	0.4	0.11	0	7	0	0	0	11
11	27	2	0	0	7	0.5	0.11	0	7	0	0	0	11
11	27	3	0	0	7	0.5	0.11	0	7	0	0	0	11
11	27	4	0	0	6	0.4	0.11	0	6	0	0	0	11
11	27	5	0	0	6	0.3	0.11	0	6	0	0	0	11
11	27	6	0	0	6	0.2	0.11	0	6	0	0	0	11
11	27	7	0	0	6	0.2	0.11	0	6	0	0	0	11
11	27	8	0	10	6	0.2	0.11	9.432	6.416	51.845	21.94	0.02194	11
11	27	9	0	36	7	0.3	0.11	34.034	8.467	201.804	166.585	0.166585	11
11	27	10	0	57	7	0.4	0.11	53.957	9.255	323.812	284.27	0.28427	11
11	27	11	0	78	8	0.4	0.11	73.915	11.085	443.646	399.858	0.399858	11
11	27	12	0	117	9	0.4	0.11	112.891	13.709	680.215	628.044	0.628044	11
11	27	13	3	158	9	0.3	0.11	158.866	15.836	963.103	900.908	0.900908	11
11	27	14	0	54	9	0.2	0.11	51.108	11.272	303.723	264.893	0.264893	11
11	27	15	0	48	9	0.2	0.11	45.416	11.02	269.466	231.85	0.23185	11
11	27	16	0	7	8	0.2	0.11	6.6	8.29	34.756	5.456	0.005456	11
11	27	17	0	0	7	0.1	0.11	0	7	0	0	0	11
11	27	18	0	0	7	0.1	0.11	0	7	0	0	0	11
11	27	19	0	0	7	0.1	0.11	0	7	0	0	0	11
11	27	20	0	0	6	0.2	0.11	0	6	0	0	0	11
11	27	21	0	0	6	0.2	0.11	0	6	0	0	0	11
11	27	22	0	0	6	0.2	0.11	0	6	0	0	0	11
11	27	23	0	0	6	0.2	0.11	0	6	0	0	0	11
11	28	0	0	0	6	0.2	0.11	0	6	0	0	0	11
11	28	1	0	0	6	0.2	0.11	0	6	0	0	0	11
11	28	2	0	0	6	0.3	0.11	0	6	0	0	0	11
11	28	3	0	0	6	0.4	0.11	0	6	0	0	0	11
11	28	4	0	0	5	0.5	0.11	0	5	0	0	0	11
11	28	5	0	0	4	0.7	0.11	0	4	0	0	0	11
11	28	6	0	0	3	0.8	0.11	0	3	0	0	0	11
11	28	7	0	0	2	0.8	0.11	0	2	0	0	0	11
11	28	8	0	11	2	0.8	0.11	10.377	2.384	58.259	28.127	0.028127	11
11	28	9	0	25	2	0.8	0.11	23.618	2.882	141.252	108.179	0.108179	11

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
11	28	10	0	110	3	0.8	0.11	107.022	6.994	665.228	613.589	0.613589	11
11	28	11	0	62	3	0.9	0.11	58.714	5.131	357.897	317.147	0.317147	11
11	28	12	0	89	3	1	0.11	84.564	5.991	519.942	473.45	0.47345	11
11	28	13	0	59	3	1	0.11	55.865	4.977	340.251	300.127	0.300127	11
11	28	14	0	43	2	1	0.11	40.675	3.441	247.459	210.623	0.210623	11
11	28	15	0	30	1	1	0.11	28.35	2.005	171.366	137.226	0.137226	11
11	28	16	0	7	0	0.9	0.11	6.6	0.237	36.081	6.735	0.006735	11
11	28	17	0	0	0	0.8	0.11	0	0	0	0	0	11
11	28	18	0	0	0	0.8	0.11	0	0	0	0	0	11
11	28	19	0	0	0	0.8	0.11	0	0	0	0	0	11
11	28	20	0	0	-1	0.8	0.11	0	-1	0	0	0	11
11	28	21	0	0	-1	0.8	0.11	0	-1	0	0	0	11
11	28	22	0	0	-1	0.8	0.11	0	-1	0	0	0	11
11	28	23	0	0	-1	0.9	0.11	0	-1	0	0	0	11
11	29	0	0	0	-1	0.9	0.11	0	-1	0	0	0	11
11	29	1	0	0	-1	1	0.11	0	-1	0	0	0	11
11	29	2	0	0	-1	1	0.11	0	-1	0	0	0	11
11	29	3	0	0	-1	0.9	0.11	0	-1	0	0	0	11
11	29	4	0	0	-1	0.8	0.11	0	-1	0	0	0	11
11	29	5	0	0	-2	0.7	0.11	0	-2	0	0	0	11
11	29	6	0	0	-2	0.7	0.11	0	-2	0	0	0	11
11	29	7	0	0	-2	0.7	0.11	0	-2	0	0	0	11
11	29	8	425	48	-1	0.7	0.11	207.588	6.799	1225.066	1153.589	1.153589	11
11	29	9	0	22	0	0.8	0.11	20.779	0.776	124.733	92.245	0.092245	11
11	29	10	0	64	0	0.8	0.11	60.603	2.262	375.972	334.582	0.334582	11
11	29	11	0	106	1	0.8	0.11	101.911	4.799	634.875	584.311	0.584311	11
11	29	12	0	112	1	0.8	0.11	107.833	5.018	671.425	619.566	0.619566	11
11	29	13	866	78	2	0.7	0.11	734.079	30.292	4441.587	4256.136	4.256136	11
11	29	14	809	73	2	0.7	0.11	611.957	25.613	3785.538	3623.333	3.623333	11
11	29	15	195	105	2	0.6	0.11	221.191	10.749	1403.668	1325.862	1.325862	11
11	29	16	243	42	1	0.4	0.11	134.794	6.487	770.377	715.011	0.715011	11
11	29	17	0	0	0	0.4	0.11	0	0	0	0	0	11
11	29	18	0	0	0	0.4	0.11	0	0	0	0	0	11
11	29	19	0	0	0	0.4	0.11	0	0	0	0	0	11
11	29	20	0	0	-1	0.5	0.11	0	-1	0	0	0	11
11	29	21	0	0	-1	0.5	0.11	0	-1	0	0	0	11
11	29	22	0	0	-1	0.5	0.11	0	-1	0	0	0	11
11	29	23	0	0	-1	0.5	0.11	0	-1	0	0	0	11
11	30	0	0	0	-1	0.5	0.11	0	-1	0	0	0	11
11	30	1	0	0	-1	0.5	0.11	0	-1	0	0	0	11
11	30	2	0	0	0	0.5	0.11	0	0	0	0	0	11
11	30	3	0	0	0	0.6	0.11	0	0	0	0	0	11
11	30	4	0	0	0	0.5	0.11	0	0	0	0	0	11

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
11	30	5	0	0	0	0.5	0.11	0	0	0	0	0	11
11	30	6	0	0	0	0.5	0.11	0	0	0	0	0	11
11	30	7	0	0	0	0.5	0.11	0	0	0	0	0	11
11	30	8	110	49	1	0.6	0.11	98.354	4.819	581.381	532.713	0.532713	11
11	30	9	729	58	3	0.7	0.11	450.391	20.381	2835.236	2706.705	2.706705	11
11	30	10	842	65	5	0.8	0.11	633.099	28.776	3870.128	3704.926	3.704926	11
11	30	11	887	68	8	0.8	0.11	736.332	35.623	4365.639	4182.879	4.182879	11
11	30	12	895	70	10	0.8	0.11	768.527	38.819	4491.618	4304.394	4.304394	11
11	30	13	874	70	11	0.7	0.11	723.824	38.901	4237.233	4059.023	4.059023	11
11	30	14	824	64	11	0.7	0.11	610.228	34.549	3648.773	3491.414	3.491414	11
11	30	15	717	53	10	0.6	0.11	426.186	26.891	2602.947	2482.647	2.482647	11
11	30	16	462	33	8	0.5	0.11	193.481	15.606	1061.232	995.561	0.995561	11
11	30	17	0	0	7	0.5	0.11	0	7	0	0	0	11
11	30	18	0	0	7	0.5	0.11	0	7	0	0	0	11
11	30	19	0	0	0	0.3	0.11	0	0	0	0	0	11
11	30	20	0	0	0	0.3	0.11	0	0	0	0	0	11
11	30	21	0	0	0	0.4	0.11	0	0	0	0	0	11
11	30	22	0	0	0	0.3	0.11	0	0	0	0	0	11
11	30	23	0	0	0	0.3	0.11	0	0	0	0	0	11
12	1	0	0	0	0	0.3	0.11	0	0	0	0	0	12
12	1	1	0	0	0	0.4	0.11	0	0	0	0	0	12
12	1	2	0	0	0	0.4	0.11	0	0	0	0	0	12
12	1	3	0	0	0	0.4	0.11	0	0	0	0	0	12
12	1	4	0	0	0	0.4	0.11	0	0	0	0	0	12
12	1	5	0	0	0	0.4	0.11	0	0	0	0	0	12
12	1	6	0	0	0	0.3	0.11	0	0	0	0	0	12
12	1	7	0	0	0	0.3	0.11	0	0	0	0	0	12
12	1	8	0	35	1	0.4	0.11	33.597	2.392	197.007	161.958	0.161958	12
12	1	9	0	94	3	0.4	0.11	93.444	6.908	580.048	531.427	0.531427	12
12	1	10	28	152	4	0.4	0.11	178.89	11.482	1115.447	1047.854	1.047854	12
12	1	11	29	188	5	0.4	0.11	221.056	14.234	1366.078	1289.604	1.289604	12
12	1	12	32	199	7	0.4	0.11	236.028	16.856	1444.652	1365.394	1.365394	12
12	1	13	73	203	8	0.4	0.11	271.08	19.333	1657.205	1570.415	1.570415	12
12	1	14	68	164	8	0.3	0.11	219.001	17.45	1347.033	1271.234	1.271234	12
12	1	15	62	105	6	0.4	0.11	142.725	11.975	885.073	825.643	0.825643	12
12	1	16	291	44	3	0.7	0.11	152.344	8.682	862.388	803.762	0.803762	12
12	1	17	0	0	1	0.7	0.11	0	1	0	0	0	12
12	1	18	0	0	1	0.4	0.11	0	1	0	0	0	12
12	1	19	0	0	1	0.2	0.11	0	1	0	0	0	12
12	1	20	0	0	1	0.2	0.11	0	1	0	0	0	12
12	1	21	0	0	1	0.3	0.11	0	1	0	0	0	12
12	1	22	0	0	1	0.6	0.11	0	1	0	0	0	12
12	1	23	0	0	2	0.7	0.11	0	2	0	0	0	12

Month	Day	Hour	Beam Irradiance (W/m ²)	Diffuse Irradiance (W/m ²)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m ²)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
12	2	0	0	0	2	0.7	0.11	0	2	0	0	0	12
12	2	1	0	0	1	0.6	0.11	0	1	0	0	0	12
12	2	2	0	0	1	0.4	0.11	0	1	0	0	0	12
12	2	3	0	0	1	0.2	0.11	0	1	0	0	0	12
12	2	4	0	0	1	0.2	0.11	0	1	0	0	0	12
12	2	5	0	0	0	0.2	0.11	0	0	0	0	0	12
12	2	6	0	0	0	0.1	0.11	0	0	0	0	0	12
12	2	7	0	0	0	0.1	0.11	0	0	0	0	0	12
12	2	8	0	36	0	0.2	0.11	34.848	1.534	204.924	169.594	0.169594	12
12	2	9	34	111	2	0.2	0.11	136.087	8.059	854.635	796.284	0.796284	12
12	2	10	78	164	4	0.2	0.11	225.606	14.046	1407.606	1329.661	1.329661	12
12	2	11	122	204	7	0.2	0.11	318.063	21.152	1942.892	1845.98	1.84598	12
12	2	12	27	189	9	0.2	0.11	210.666	18.357	1277.581	1204.243	1.204243	12
12	2	13	558	135	10	0.2	0.11	572.604	35.557	3379.658	3231.835	3.231835	12
12	2	14	132	173	10	0.2	0.11	279.061	22.435	1700.094	1611.785	1.611785	12
12	2	15	284	96	9	0.4	0.11	254.127	19.658	1567.964	1484.337	1.484337	12
12	2	16	0	38	7	0.8	0.11	37.949	8.398	214.769	179.091	0.179091	12
12	2	17	0	0	5	0.8	0.11	0	5	0	0	0	12
12	2	18	0	0	4	0.5	0.11	0	4	0	0	0	12
12	2	19	0	0	3	0.2	0.11	0	3	0	0	0	12
12	2	20	0	0	3	0.2	0.11	0	3	0	0	0	12
12	2	21	0	0	3	0.2	0.11	0	3	0	0	0	12
12	2	22	0	0	2	0.3	0.11	0	2	0	0	0	12
12	2	23	0	0	2	0.2	0.11	0	2	0	0	0	12
12	3	0	0	0	2	0.2	0.11	0	2	0	0	0	12
12	3	1	0	0	3	0.2	0.11	0	3	0	0	0	12
12	3	2	0	0	3	0.2	0.11	0	3	0	0	0	12
12	3	3	0	0	2	0.3	0.11	0	2	0	0	0	12
12	3	4	0	0	2	0.3	0.11	0	2	0	0	0	12
12	3	5	0	0	2	0.2	0.11	0	2	0	0	0	12
12	3	6	0	0	2	0.2	0.11	0	2	0	0	0	12
12	3	7	0	0	3	0.3	0.11	0	3	0	0	0	12
12	3	8	0	30	3	0.3	0.11	28.377	4.21	163.25	129.397	0.129397	12
12	3	9	0	77	4	0.3	0.11	74.988	7.233	461.025	416.621	0.416621	12
12	3	10	0	117	5	0.2	0.11	114.868	10.107	707.719	654.574	0.654574	12
12	3	11	191	201	7	0.2	0.11	364.433	23.228	2221.672	2114.881	2.114881	12
12	3	12	265	206	8	0.3	0.11	441.36	27.048	2661.67	2539.288	2.539288	12
12	3	13	109	200	9	0.4	0.11	293.627	21.283	1789.327	1697.856	1.697856	12
12	3	14	80	160	10	0.3	0.11	221.94	19.58	1355.761	1279.653	1.279653	12
12	3	15	81	105	9	0.2	0.11	158.659	16.067	972.344	909.822	0.909822	12
12	3	16	10	40	7	0.2	0.11	43.571	8.908	245.744	208.969	0.208969	12
12	3	17	0	0	7	0.2	0.11	0	7	0	0	0	12
12	3	18	0	0	8	0.3	0.11	0	8	0	0	0	12

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
12	3	19	0	0	7	0.3	0.11	0	7	0	0	0	12
12	3	20	0	0	7	0.3	0.11	0	7	0	0	0	12
12	3	21	0	0	7	0.3	0.11	0	7	0	0	0	12
12	3	22	0	0	7	0.3	0.11	0	7	0	0	0	12
12	3	23	0	0	8	0.3	0.11	0	8	0	0	0	12
12	4	0	0	0	8	0.3	0.11	0	8	0	0	0	12
12	4	1	0	0	8	0.3	0.11	0	8	0	0	0	12
12	4	2	0	0	7	0.3	0.11	0	7	0	0	0	12
12	4	3	0	0	6	0.3	0.11	0	6	0	0	0	12
12	4	4	0	0	6	0.3	0.11	0	6	0	0	0	12
12	4	5	0	0	6	0.3	0.11	0	6	0	0	0	12
12	4	6	0	0	6	0.3	0.11	0	6	0	0	0	12
12	4	7	0	0	7	0.3	0.11	0	7	0	0	0	12
12	4	8	0	15	8	0.3	0.11	14.159	8.603	77.319	46.511	0.046511	12
12	4	9	0	69	9	0.4	0.11	66.5	11.781	399.45	357.228	0.357228	12
12	4	10	5	136	11	0.5	0.11	138.884	16.637	840.159	782.32	0.78232	12
12	4	11	4	155	12	0.6	0.11	156.845	18.179	942.552	881.086	0.881086	12
12	4	12	18	180	13	0.7	0.11	194.073	20.435	1163.838	1094.531	1.094531	12
12	4	13	0	132	14	0.7	0.11	129.29	18.953	768.956	713.641	0.713641	12
12	4	14	3	132	15	0.7	0.11	133.378	20.117	794.481	738.261	0.738261	12
12	4	15	93	105	16	0.6	0.11	164.666	22.507	985.278	922.298	0.922298	12
12	4	16	175	43	15	0.6	0.11	115.643	19.446	626.447	576.182	0.576182	12
12	4	17	0	0	15	0.6	0.11	0	15	0	0	0	12
12	4	18	0	0	15	0.6	0.11	0	15	0	0	0	12
12	4	19	0	0	15	0.6	0.11	0	15	0	0	0	12
12	4	20	0	0	15	0.7	0.11	0	15	0	0	0	12
12	4	21	0	0	15	0.7	0.11	0	15	0	0	0	12
12	4	22	0	0	15	0.8	0.11	0	15	0	0	0	12
12	4	23	0	0	16	0.8	0.11	0	16	0	0	0	12
12	5	0	0	0	16	0.8	0.11	0	16	0	0	0	12
12	5	1	0	0	17	0.7	0.11	0	17	0	0	0	12
12	5	2	0	0	17	0.6	0.11	0	17	0	0	0	12
12	5	3	0	0	16	0.5	0.11	0	16	0	0	0	12
12	5	4	0	0	15	0.4	0.11	0	15	0	0	0	12
12	5	5	0	0	14	0.4	0.11	0	14	0	0	0	12
12	5	6	0	0	13	0.4	0.11	0	13	0	0	0	12
12	5	7	0	0	11	0.5	0.11	0	11	0	0	0	12
12	5	8	0	22	9	0.6	0.11	20.788	9.81	114.547	82.421	0.082421	12
12	5	9	0	37	9	0.7	0.11	34.982	10.342	205.846	170.484	0.170484	12
12	5	10	84	161	9	0.7	0.11	225.981	17.683	1391.624	1314.245	1.314245	12
12	5	11	0	112	8	0.7	0.11	108.304	12.149	657.674	606.302	0.606302	12
12	5	12	0	72	7	0.8	0.11	68.213	9.542	410.625	368.007	0.368007	12
12	5	13	0	53	6	0.8	0.11	50.169	7.871	300.972	262.24	0.26224	12

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
12	5	14	0	86	5	0.7	0.11	82.432	8.162	505.892	459.898	0.459898	12
12	5	15	0	46	4	0.7	0.11	43.519	5.67	263.474	226.07	0.22607	12
12	5	16	0	11	2	0.7	0.11	10.378	2.393	56.929	26.843	0.026843	12
12	5	17	0	0	1	0.6	0.11	0	1	0	0	0	12
12	5	18	0	0	1	0.6	0.11	0	1	0	0	0	12
12	5	19	0	0	0	0.7	0.87	0	0	0	0	0	12
12	5	20	0	0	0	0.6	0.87	0	0	0	0	0	12
12	5	21	0	0	0	0.6	0.87	0	0	0	0	0	12
12	5	22	0	0	0	0.5	0.87	0	0	0	0	0	12
12	5	23	0	0	0	0.5	0.87	0	0	0	0	0	12
12	6	0	0	0	0	0.5	0.87	0	0	0	0	0	12
12	6	1	0	0	0	0.6	0.87	0	0	0	0	0	12
12	6	2	0	0	0	0.6	0.87	0	0	0	0	0	12
12	6	3	0	0	0	0.6	0.87	0	0	0	0	0	12
12	6	4	0	0	-1	0.5	0.87	0	-1	0	0	0	12
12	6	5	0	0	-1	0.5	0.87	0	-1	0	0	0	12
12	6	6	0	0	-1	0.5	0.87	0	-1	0	0	0	12
12	6	7	0	0	-1	0.5	0.87	0	-1	0	0	0	12
12	6	8	93	42	-1	0.6	0.87	85.002	2.28	493.653	448.093	0.448093	12
12	6	9	0	22	0	0.7	0.87	21.282	0.815	126.755	94.196	0.094196	12
12	6	10	10	138	0	0.8	0.87	147.752	5.507	929.133	868.142	0.868142	12
12	6	11	19	170	0	0.8	0.87	188.428	7.016	1182.727	1112.75	1.11275	12
12	6	12	0	147	0	0.8	0.87	148.158	5.511	924.578	863.749	0.863749	12
12	6	13	0	57	0	0.8	0.87	55.27	2.057	338.153	298.103	0.298103	12
12	6	14	0	74	0	0.7	0.87	71.9	2.752	445.043	401.206	0.401206	12
12	6	15	0	50	0	0.6	0.87	48.462	1.908	296.849	258.262	0.258262	12
12	6	16	0	23	-1	0.5	0.87	22.266	-0.111	126.499	93.949	0.093949	12
12	6	17	0	0	-1	0.5	0.87	0	-1	0	0	0	12
12	6	18	0	0	-2	0.4	0.87	0	-2	0	0	0	12
12	6	19	0	0	-2	0.4	0.87	0	-2	0	0	0	12
12	6	20	0	0	-3	0.4	0.87	0	-3	0	0	0	12
12	6	21	0	0	-3	0.4	0.87	0	-3	0	0	0	12
12	6	22	0	0	-3	0.4	0.87	0	-3	0	0	0	12
12	6	23	0	0	-3	0.5	0.87	0	-3	0	0	0	12
12	7	0	0	0	-4	0.4	0.87	0	-4	0	0	0	12
12	7	1	0	0	-4	0.4	0.87	0	-4	0	0	0	12
12	7	2	0	0	-5	0.4	0.87	0	-5	0	0	0	12
12	7	3	0	0	-6	0.4	0.87	0	-6	0	0	0	12
12	7	4	0	0	-7	0.4	0.87	0	-7	0	0	0	12
12	7	5	0	0	-8	0.4	0.87	0	-8	0	0	0	12
12	7	6	0	0	-10	0.4	0.87	0	-10	0	0	0	12
12	7	7	0	0	-11	0.4	0.87	0	-11	0	0	0	12
12	7	8	485	37	-9	0.4	0.87	209.273	-0.531	1220.131	1148.829	1.148829	12

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
12	7	9	733	65	-5	0.5	0.87	457.024	13.616	2922.141	2790.53	2.79053	12
12	7	10	841	82	-3	0.6	0.87	648.419	22.695	4037.668	3866.529	3.866529	12
12	7	11	888	92	-2	0.6	0.87	770.398	28.494	4671.753	4478.146	4.478146	12
12	7	12	900	97	-2	0.5	0.87	812.493	31.079	4868.27	4667.7	4.6677	12
12	7	13	882	95	-2	0.5	0.87	768.894	29.318	4647.659	4454.906	4.454906	12
12	7	14	831	86	-2	0.4	0.87	645.449	25.108	3982.395	3813.215	3.813215	12
12	7	15	725	68	-3	0.3	0.87	455.307	16.687	2876.673	2746.673	2.746673	12
12	7	16	0	38	-5	0.4	0.87	39.014	-3.395	229.757	193.548	0.193548	12
12	7	17	0	0	-7	0.5	0.87	0	-7	0	0	0	12
12	7	18	0	0	-8	0.4	0.87	0	-8	0	0	0	12
12	7	19	0	0	-8	0.3	0.87	0	-8	0	0	0	12
12	7	20	0	0	-8	0.4	0.87	0	-8	0	0	0	12
12	7	21	0	0	-8	0.4	0.87	0	-8	0	0	0	12
12	7	22	0	0	-8	0.4	0.87	0	-8	0	0	0	12
12	7	23	0	0	-7	0.4	0.87	0	-7	0	0	0	12
12	8	0	0	0	-7	0.4	0.87	0	-7	0	0	0	12
12	8	1	0	0	-7	0.4	0.87	0	-7	0	0	0	12
12	8	2	0	0	-6	0.4	0.87	0	-6	0	0	0	12
12	8	3	0	0	-6	0.4	0.87	0	-6	0	0	0	12
12	8	4	0	0	-6	0.4	0.87	0	-6	0	0	0	12
12	8	5	0	0	-6	0.5	0.87	0	-6	0	0	0	12
12	8	6	0	0	-5	0.5	0.87	0	-5	0	0	0	12
12	8	7	0	0	-5	0.5	0.87	0	-5	0	0	0	12
12	8	8	0	22	-4	0.6	0.87	21.295	-3.174	122.186	89.788	0.089788	12
12	8	9	84	104	-3	0.7	0.87	162.248	3.224	1038.736	973.862	0.973862	12
12	8	10	0	102	-2	0.8	0.87	101.543	1.783	638.824	588.12	0.58812	12
12	8	11	0	122	-1	0.8	0.87	121.666	3.528	761.573	706.52	0.70652	12
12	8	12	0	133	0	0.7	0.87	133.045	5.085	828.876	771.438	0.771438	12
12	8	13	553	193	0	0.6	0.87	642.083	25.376	3918.424	3751.511	3.751511	12
12	8	14	448	183	0	0.6	0.87	507.239	20.061	3161.311	3021.225	3.021225	12
12	8	15	343	131	0	0.5	0.87	332.18	13.506	2098.834	1996.396	1.996396	12
12	8	16	130	56	0	0.4	0.87	116.706	4.763	674.27	622.31	0.62231	12
12	8	17	0	0	0	0.4	0.87	0	0	0	0	0	12
12	8	18	0	0	0	0.5	0.87	0	0	0	0	0	12
12	8	19	0	0	0	0.4	0.87	0	0	0	0	0	12
12	8	20	0	0	0	0.3	0.87	0	0	0	0	0	12
12	8	21	0	0	0	0.4	0.87	0	0	0	0	0	12
12	8	22	0	0	0	0.5	0.87	0	0	0	0	0	12
12	8	23	0	0	0	0.6	0.87	0	0	0	0	0	12
12	9	0	0	0	0	0.6	0.87	0	0	0	0	0	12
12	9	1	0	0	0	0.6	0.87	0	0	0	0	0	12
12	9	2	0	0	0	0.5	0.87	0	0	0	0	0	12
12	9	3	0	0	0	0.4	0.87	0	0	0	0	0	12

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
12	9	4	0	0	0	0.5	0.87	0	0	0	0	0	12
12	9	5	0	0	0	0.5	0.87	0	0	0	0	0	12
12	9	6	0	0	-1	0.4	0.87	0	-1	0	0	0	12
12	9	7	0	0	-2	0.4	0.87	0	-2	0	0	0	12
12	9	8	282	49	-2	0.4	0.87	157.927	4.401	901.532	841.519	0.841519	12
12	9	9	0	43	-1	0.6	0.87	41.658	0.64	254.928	217.827	0.217827	12
12	9	10	0	84	-1	0.7	0.87	82.374	2.153	513.732	467.461	0.467461	12
12	9	11	0	96	0	0.8	0.87	94.153	3.504	584.275	535.504	0.535504	12
12	9	12	0	143	0	0.8	0.87	143.94	5.354	898.266	838.368	0.838368	12
12	9	13	2	150	-1	0.8	0.87	153.785	4.724	966.006	903.709	0.903709	12
12	9	14	0	85	-1	0.7	0.87	83.404	2.193	520.262	473.759	0.473759	12
12	9	15	0	51	-1	0.6	0.87	49.435	0.946	304.188	265.342	0.265342	12
12	9	16	275	50	-2	0.4	0.87	157.996	4.418	908.482	848.223	0.848223	12
12	9	17	0	0	-4	0.3	0.87	0	-4	0	0	0	12
12	9	18	0	0	-5	0.3	0.87	0	-5	0	0	0	12
12	9	19	0	0	-5	0.3	0.87	0	-5	0	0	0	12
12	9	20	0	0	-5	0.3	0.87	0	-5	0	0	0	12
12	9	21	0	0	-6	0.6	0.87	0	-6	0	0	0	12
12	9	22	0	0	-6	0.7	0.87	0	-6	0	0	0	12
12	9	23	0	0	-7	0.6	0.87	0	-7	0	0	0	12
12	10	0	0	0	-7	0.6	0.87	0	-7	0	0	0	12
12	10	1	0	0	-8	0.7	0.87	0	-8	0	0	0	12
12	10	2	0	0	-9	0.8	0.87	0	-9	0	0	0	12
12	10	3	0	0	-9	0.7	0.87	0	-9	0	0	0	12
12	10	4	0	0	-9	0.6	0.87	0	-9	0	0	0	12
12	10	5	0	0	-9	0.5	0.87	0	-9	0	0	0	12
12	10	6	0	0	-9	0.3	0.87	0	-9	0	0	0	12
12	10	7	0	0	-8	0.3	0.87	0	-8	0	0	0	12
12	10	8	255	48	-7	0.3	0.87	147.886	-0.826	856.569	798.149	0.798149	12
12	10	9	666	75	-5	0.5	0.87	430.339	12.516	2752.676	2627.07	2.62707	12
12	10	10	839	83	-4	0.7	0.87	643.352	20.796	4035.409	3864.35	3.86435	12
12	10	11	905	87	-4	0.8	0.87	772.821	24.959	4752.069	4555.617	4.555617	12
12	10	12	919	89	-3	0.9	0.87	814.604	26.717	4965.582	4761.564	4.761564	12
12	10	13	898	89	-3	1	0.87	772.024	24.46	4755.078	4558.518	4.558518	12
12	10	14	840	83	-3	1	0.87	647.572	20.058	4072.396	3900.027	3.900027	12
12	10	15	710	71	-3	1	0.87	451.984	13.072	2893.293	2762.704	2.762704	12
12	10	16	415	43	-3	0.9	0.87	192.738	3.789	1106.033	1038.774	1.038774	12
12	10	17	0	0	-4	0.8	0.87	0	-4	0	0	0	12
12	10	18	0	0	-4	0.6	0.87	0	-4	0	0	0	12
12	10	19	0	0	-6	0.4	0.87	0	-6	0	0	0	12
12	10	20	0	0	-9	0.4	0.87	0	-9	0	0	0	12
12	10	21	0	0	-10	0.6	0.87	0	-10	0	0	0	12
12	10	22	0	0	-11	0.5	0.87	0	-11	0	0	0	12

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
12	10	23	0	0	-10	0.4	0.87	0	-10	0	0	0	12
12	11	0	0	0	-10	0.4	0.87	0	-10	0	0	0	12
12	11	1	0	0	-10	0.7	0.87	0	-10	0	0	0	12
12	11	2	0	0	-10	0.9	0.87	0	-10	0	0	0	12
12	11	3	0	0	-11	0.9	0.87	0	-11	0	0	0	12
12	11	4	0	0	-12	1	0.87	0	-12	0	0	0	12
12	11	5	0	0	-13	1.1	0.87	0	-13	0	0	0	12
12	11	6	0	0	-14	1	0.87	0	-14	0	0	0	12
12	11	7	0	0	-13	0.7	0.87	0	-13	0	0	0	12
12	11	8	398	38	-10	0.4	0.87	178.714	-2.805	1028.584	964.069	0.964069	12
12	11	9	667	71	-6	0.5	0.87	425.08	11.3	2729.248	2604.471	2.604471	12
12	11	10	778	92	-3	0.7	0.87	617.431	20.793	3869.841	3704.649	3.704649	12
12	11	11	826	105	-1	0.8	0.87	739.374	26.699	4513.597	4325.595	4.325595	12
12	11	12	842	109	0	0.9	0.87	783.114	28.561	4737.337	4541.407	4.541407	12
12	11	13	836	103	0	0.9	0.87	746.875	27.251	4549.527	4360.251	4.360251	12
12	11	14	770	97	0	0.8	0.87	622.829	23.356	3864.983	3699.964	3.699964	12
12	11	15	605	86	0	0.7	0.87	415.796	15.998	2627.058	2505.903	2.505903	12
12	11	16	0	35	0	0.6	0.87	35.298	1.37	203.135	167.869	0.167869	12
12	11	17	0	0	-1	0.6	0.87	0	-1	0	0	0	12
12	11	18	0	0	-3	0.6	0.87	0	-3	0	0	0	12
12	11	19	0	0	-4	0.6	0.87	0	-4	0	0	0	12
12	11	20	0	0	-6	0.5	0.87	0	-6	0	0	0	12
12	11	21	0	0	-9	0.4	0.87	0	-9	0	0	0	12
12	11	22	0	0	-11	0.4	0.87	0	-11	0	0	0	12
12	11	23	0	0	-13	0.5	0.87	0	-13	0	0	0	12
12	12	0	0	0	-14	0.9	0.87	0	-14	0	0	0	12
12	12	1	0	0	-15	1.2	0.87	0	-15	0	0	0	12
12	12	2	0	0	-15	1.3	0.87	0	-15	0	0	0	12
12	12	3	0	0	-15	1.2	0.87	0	-15	0	0	0	12
12	12	4	0	0	-14	1.1	0.87	0	-14	0	0	0	12
12	12	5	0	0	-14	1.1	0.87	0	-14	0	0	0	12
12	12	6	0	0	-14	1.1	0.87	0	-14	0	0	0	12
12	12	7	0	0	-15	1.1	0.87	0	-15	0	0	0	12
12	12	8	527	31	-14	1	0.87	206.661	-6.98	1194.15	1123.769	1.123769	12
12	12	9	772	56	-12	0.7	0.87	455.059	5.505	2986.529	2852.637	2.852637	12
12	12	10	870	70	-9	0.5	0.87	645.225	17.32	4102.488	3929.053	3.929053	12
12	12	11	535	134	-7	0.6	0.87	557.703	15.055	3541.852	3388.282	3.388282	12
12	12	12	911	85	-6	0.6	0.87	802.222	25.747	4909.974	4707.926	4.707926	12
12	12	13	862	92	-6	0.7	0.87	748.624	22.82	4639.35	4446.892	4.446892	12
12	12	14	813	82	-6	0.7	0.87	629.395	18.257	3983.992	3814.756	3.814756	12
12	12	15	700	66	-6	0.6	0.87	442.172	11.501	2847.041	2718.091	2.718091	12
12	12	16	446	37	-7	0.5	0.87	198.049	0.785	1149.168	1080.381	1.080381	12
12	12	17	0	0	-10	0.4	0.87	0	-10	0	0	0	12

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
12	12	18	0	0	-11	0.5	0.87	0	-11	0	0	0	12
12	12	19	0	0	-12	0.5	0.87	0	-12	0	0	0	12
12	12	20	0	0	-12	0.5	0.87	0	-12	0	0	0	12
12	12	21	0	0	-12	0.6	0.87	0	-12	0	0	0	12
12	12	22	0	0	-12	0.8	0.87	0	-12	0	0	0	12
12	12	23	0	0	-13	0.7	0.87	0	-13	0	0	0	12
12	13	0	0	0	-12	0.6	0.87	0	-12	0	0	0	12
12	13	1	0	0	-11	0.5	0.87	0	-11	0	0	0	12
12	13	2	0	0	-11	0.5	0.87	0	-11	0	0	0	12
12	13	3	0	0	-11	0.5	0.87	0	-11	0	0	0	12
12	13	4	0	0	-12	0.5	0.87	0	-12	0	0	0	12
12	13	5	0	0	-12	0.5	0.87	0	-12	0	0	0	12
12	13	6	0	0	-12	0.4	0.87	0	-12	0	0	0	12
12	13	7	0	0	-11	0.4	0.87	0	-11	0	0	0	12
12	13	8	156	35	-8	0.4	0.87	100.451	-3.945	575.249	526.797	0.526797	12
12	13	9	654	69	-5	0.5	0.87	413.843	11.837	2647.547	2525.665	2.525665	12
12	13	10	781	86	-3	0.5	0.87	609.694	21.863	3807.7	3644.71	3.64471	12
12	13	11	833	98	-1	0.6	0.87	733.991	28.054	4460.084	4273.977	4.273977	12
12	13	12	853	102	0	0.6	0.87	777.39	30.758	4666.124	4472.717	4.472717	12
12	13	13	861	95	1	0.5	0.87	751.033	31.593	4502.148	4314.551	4.314551	12
12	13	14	483	116	1	0.4	0.87	458.097	20.219	2859.404	2730.016	2.730016	12
12	13	15	77	103	0	0.3	0.87	151.489	6.529	955.819	893.883	0.893883	12
12	13	16	205	42	0	0.3	0.87	127.04	5.33	727.393	673.55	0.67355	12
12	13	17	0	0	-1	0.3	0.87	0	-1	0	0	0	12
12	13	18	0	0	0	0.3	0.87	0	0	0	0	0	12
12	13	19	0	0	0	0.3	0.11	0	0	0	0	0	12
12	13	20	0	0	0	0.3	0.11	0	0	0	0	0	12
12	13	21	0	0	0	0.2	0.11	0	0	0	0	0	12
12	13	22	0	0	0	0.2	0.11	0	0	0	0	0	12
12	13	23	0	0	0	0.2	0.11	0	0	0	0	0	12
12	14	0	0	0	0	0.3	0.11	0	0	0	0	0	12
12	14	1	0	0	0	0.3	0.11	0	0	0	0	0	12
12	14	2	0	0	0	0.3	0.11	0	0	0	0	0	12
12	14	3	0	0	0	0.3	0.11	0	0	0	0	0	12
12	14	4	0	0	0	0.4	0.11	0	0	0	0	0	12
12	14	5	0	0	0	0.5	0.11	0	0	0	0	0	12
12	14	6	0	0	0	0.5	0.11	0	0	0	0	0	12
12	14	7	0	0	0	0.5	0.11	0	0	0	0	0	12
12	14	8	0	6	0	0.6	0.11	5.656	0.218	29.679	0.559	0.000559	12
12	14	9	0	69	0	0.6	0.11	67.135	2.648	417.933	375.056	0.375056	12
12	14	10	0	5	0	0.6	0.11	4.72	0.186	26.623	0	0	12
12	14	11	0	7	0	0.5	0.11	6.613	0.268	37.676	8.273	0.008273	12
12	14	12	0	14	0	0.5	0.11	13.232	0.536	77.435	46.624	0.046624	12

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
12	14	13	0	16	0	0.5	0.11	15.121	0.613	89.101	57.875	0.057875	12
12	14	14	0	14	0	0.4	0.11	13.223	0.553	77.834	47.008	0.047008	12
12	14	15	383	104	0	0.4	0.11	321.364	13.482	2043.828	1943.339	1.943339	12
12	14	16	150	50	0	0.4	0.11	113.695	4.645	658.651	607.244	0.607244	12
12	14	17	0	0	0	0.5	0.11	0	0	0	0	0	12
12	14	18	0	0	0	0.6	0.11	0	0	0	0	0	12
12	14	19	0	0	0	0.7	0.11	0	0	0	0	0	12
12	14	20	0	0	0	0.7	0.11	0	0	0	0	0	12
12	14	21	0	0	0	0.6	0.11	0	0	0	0	0	12
12	14	22	0	0	0	0.6	0.11	0	0	0	0	0	12
12	14	23	0	0	0	0.7	0.11	0	0	0	0	0	12
12	15	0	0	0	-1	0.7	0.11	0	-1	0	0	0	12
12	15	1	0	0	-2	0.7	0.11	0	-2	0	0	0	12
12	15	2	0	0	-3	0.7	0.11	0	-3	0	0	0	12
12	15	3	0	0	-4	0.6	0.11	0	-4	0	0	0	12
12	15	4	0	0	-4	0.6	0.11	0	-4	0	0	0	12
12	15	5	0	0	-5	0.5	0.11	0	-5	0	0	0	12
12	15	6	0	0	-5	0.5	0.11	0	-5	0	0	0	12
12	15	7	0	0	-4	0.5	0.11	0	-4	0	0	0	12
12	15	8	0	14	-4	0.7	0.11	13.216	-3.505	72.747	42.101	0.042101	12
12	15	9	0	49	-3	0.9	0.11	46.371	-1.314	289.168	250.854	0.250854	12
12	15	10	0	56	-3	1	0.11	53.005	-1.121	332.234	292.393	0.292393	12
12	15	11	0	84	-3	1	0.11	79.862	-0.173	503.948	458.023	0.458023	12
12	15	12	25	182	-3	1.1	0.11	202.156	3.981	1294.46	1220.525	1.220525	12
12	15	13	800	92	-3	1.1	0.11	693.029	21.069	4344.162	4162.163	4.162163	12
12	15	14	755	81	-3	1	0.11	587.032	17.926	3735.83	3575.386	3.575386	12
12	15	15	69	103	-3	0.9	0.11	144.798	2.274	932.51	871.4	0.8714	12
12	15	16	365	40	-4	0.7	0.11	174.657	2.511	1015.106	951.069	0.951069	12
12	15	17	0	0	-4	0.5	0.11	0	-4	0	0	0	12
12	15	18	0	0	-5	0.5	0.11	0	-5	0	0	0	12
12	15	19	0	0	-5	0.5	0.87	0	-5	0	0	0	12
12	15	20	0	0	-5	0.5	0.87	0	-5	0	0	0	12
12	15	21	0	0	-5	0.4	0.87	0	-5	0	0	0	12
12	15	22	0	0	-5	0.4	0.87	0	-5	0	0	0	12
12	15	23	0	0	-6	0.4	0.87	0	-6	0	0	0	12
12	16	0	0	0	-6	0.4	0.87	0	-6	0	0	0	12
12	16	1	0	0	-6	0.4	0.87	0	-6	0	0	0	12
12	16	2	0	0	-5	0.4	0.87	0	-5	0	0	0	12
12	16	3	0	0	-5	0.5	0.87	0	-5	0	0	0	12
12	16	4	0	0	-4	0.6	0.87	0	-4	0	0	0	12
12	16	5	0	0	-4	0.7	0.87	0	-4	0	0	0	12
12	16	6	0	0	-4	0.7	0.87	0	-4	0	0	0	12
12	16	7	0	0	-4	0.6	0.87	0	-4	0	0	0	12

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
12	16	8	0	12	-3	0.4	0.87	11.599	-2.528	62.363	32.086	0.032086	12
12	16	9	0	32	-1	0.3	0.87	30.977	0.332	187.413	152.704	0.152704	12
12	16	10	39	143	0	0.3	0.87	180.133	7.758	1134.772	1066.494	1.066494	12
12	16	11	63	199	0	0.2	0.87	265.511	11.789	1660.05	1573.16	1.57316	12
12	16	12	3	156	0	0.2	0.87	160.776	7.125	1001.157	937.614	0.937614	12
12	16	13	39	179	0	0.2	0.87	223.316	9.911	1397.075	1319.503	1.319503	12
12	16	14	14	138	1	0.3	0.87	150.724	7.486	942.137	880.686	0.880686	12
12	16	15	482	104	1	0.4	0.87	376.527	16.784	2365.483	2253.597	2.253597	12
12	16	16	231	52	1	0.5	0.87	148.361	6.872	853.204	794.904	0.794904	12
12	16	17	0	0	0	0.5	0.87	0	0	0	0	0	12
12	16	18	0	0	0	0.6	0.87	0	0	0	0	0	12
12	16	19	0	0	0	0.6	0.87	0	0	0	0	0	12
12	16	20	0	0	-1	0.4	0.87	0	-1	0	0	0	12
12	16	21	0	0	-1	0.3	0.87	0	-1	0	0	0	12
12	16	22	0	0	-1	0.4	0.87	0	-1	0	0	0	12
12	16	23	0	0	-1	0.4	0.87	0	-1	0	0	0	12
12	17	0	0	0	-1	0.4	0.87	0	-1	0	0	0	12
12	17	1	0	0	-1	0.4	0.87	0	-1	0	0	0	12
12	17	2	0	0	-1	0.4	0.87	0	-1	0	0	0	12
12	17	3	0	0	-1	0.4	0.87	0	-1	0	0	0	12
12	17	4	0	0	-1	0.3	0.87	0	-1	0	0	0	12
12	17	5	0	0	-2	0.3	0.87	0	-2	0	0	0	12
12	17	6	0	0	-3	0.3	0.87	0	-3	0	0	0	12
12	17	7	0	0	-4	0.5	0.87	0	-4	0	0	0	12
12	17	8	0	29	-3	0.6	0.87	29.18	-1.882	161.482	127.692	0.127692	12
12	17	9	24	93	-1	0.4	0.87	113.263	3.728	711.321	658.048	0.658048	12
12	17	10	36	145	0	0.5	0.87	180.796	7.334	1140.595	1072.111	1.072111	12
12	17	11	38	180	0	0.5	0.87	223.945	9.073	1406.03	1328.141	1.328141	12
12	17	12	475	176	0	0.5	0.87	578.232	23.508	3547.288	3393.526	3.393526	12
12	17	13	533	136	0	0.6	0.87	560.702	22.172	3468.427	3317.459	3.317459	12
12	17	14	138	159	0	0.7	0.87	271.673	10.43	1722.81	1633.696	1.633696	12
12	17	15	340	90	-1	0.6	0.87	289.24	10.437	1848.31	1754.749	1.754749	12
12	17	16	286	50	-1	0.6	0.87	164.122	5.306	949.675	887.956	0.887956	12
12	17	17	0	0	-2	0.6	0.87	0	-2	0	0	0	12
12	17	18	0	0	-2	0.6	0.87	0	-2	0	0	0	12
12	17	19	0	0	-2	0.6	0.11	0	-2	0	0	0	12
12	17	20	0	0	-2	0.6	0.11	0	-2	0	0	0	12
12	17	21	0	0	-2	0.6	0.11	0	-2	0	0	0	12
12	17	22	0	0	-2	0.6	0.11	0	-2	0	0	0	12
12	17	23	0	0	-2	0.5	0.11	0	-2	0	0	0	12
12	18	0	0	0	-4	0.5	0.11	0	-4	0	0	0	12
12	18	1	0	0	-6	0.5	0.11	0	-6	0	0	0	12
12	18	2	0	0	-7	0.5	0.11	0	-7	0	0	0	12

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
12	18	3	0	0	-7	0.5	0.11	0	-7	0	0	0	12
12	18	4	0	0	-7	0.5	0.11	0	-7	0	0	0	12
12	18	5	0	0	-8	0.5	0.11	0	-8	0	0	0	12
12	18	6	0	0	-9	0.5	0.11	0	-9	0	0	0	12
12	18	7	0	0	-10	0.7	0.11	0	-10	0	0	0	12
12	18	8	454	27	-8	0.7	0.11	173.243	-1.712	939.629	878.266	0.878266	12
12	18	9	728	49	-5	0.6	0.11	412.536	11.319	2649.685	2527.728	2.527728	12
12	18	10	807	65	-2	0.7	0.11	584.358	20.557	3688.878	3530.098	3.530098	12
12	18	11	863	70	-1	0.7	0.11	704.264	26.158	4338.39	4156.596	4.156596	12
12	18	12	885	70	0	0.6	0.11	744.945	29.526	4522.757	4334.43	4.33443	12
12	18	13	866	70	0	0.6	0.11	714.851	28.341	4365.08	4182.34	4.18234	12
12	18	14	823	63	0	0.5	0.11	607.4	24.806	3772.91	3611.152	3.611152	12
12	18	15	720	53	0	0.3	0.11	432.696	18.743	2730.047	2605.242	2.605242	12
12	18	16	487	32	-1	0.3	0.11	204.388	7.554	1168.419	1098.949	1.098949	12
12	18	17	0	0	-3	0.4	0.11	0	-3	0	0	0	12
12	18	18	0	0	-3	0.5	0.11	0	-3	0	0	0	12
12	18	19	0	0	-2	0.6	0.12	0	-2	0	0	0	12
12	18	20	0	0	-2	0.6	0.12	0	-2	0	0	0	12
12	18	21	0	0	-1	0.6	0.12	0	-1	0	0	0	12
12	18	22	0	0	-1	0.6	0.12	0	-1	0	0	0	12
12	18	23	0	0	-1	0.6	0.12	0	-1	0	0	0	12
12	19	0	0	0	0	0.6	0.12	0	0	0	0	0	12
12	19	1	0	0	0	0.7	0.12	0	0	0	0	0	12
12	19	2	0	0	0	0.7	0.12	0	0	0	0	0	12
12	19	3	0	0	0	0.7	0.12	0	0	0	0	0	12
12	19	4	0	0	0	0.6	0.12	0	0	0	0	0	12
12	19	5	0	0	0	0.6	0.12	0	0	0	0	0	12
12	19	6	0	0	0	0.7	0.12	0	0	0	0	0	12
12	19	7	0	0	0	0.7	0.12	0	0	0	0	0	12
12	19	8	60	33	0	0.7	0.12	57.636	2.122	309.893	270.845	0.270845	12
12	19	9	227	90	1	0.7	0.12	215.735	9.288	1369.181	1292.598	1.292598	12
12	19	10	250	144	2	0.7	0.12	323.969	14.473	2053.697	1952.859	1.952859	12
12	19	11	284	178	3	0.7	0.12	410.09	18.772	2559.933	2441.156	2.441156	12
12	19	12	175	205	4	0.6	0.12	360.902	18.252	2239.573	2132.148	2.132148	12
12	19	13	408	162	4	0.6	0.12	493.181	23.515	3038.946	2903.196	2.903196	12
12	19	14	208	156	5	0.5	0.12	307.696	17.528	1922.198	1826.019	1.826019	12
12	19	15	51	103	4	0.5	0.12	135.937	9.525	849.361	791.196	0.791196	12
12	19	16	1	40	3	0.5	0.12	40.525	4.625	234.601	198.22	0.19822	12
12	19	17	0	0	3	0.6	0.12	0	3	0	0	0	12
12	19	18	0	0	3	0.6	0.12	0	3	0	0	0	12
12	19	19	0	0	3	0.6	0.12	0	3	0	0	0	12
12	19	20	0	0	3	0.6	0.12	0	3	0	0	0	12
12	19	21	0	0	3	0.6	0.12	0	3	0	0	0	12

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
12	19	22	0	0	3	0.6	0.12	0	3	0	0	0	12
12	19	23	0	0	4	0.6	0.12	0	4	0	0	0	12
12	20	0	0	0	4	0.6	0.12	0	4	0	0	0	12
12	20	1	0	0	4	0.7	0.12	0	4	0	0	0	12
12	20	2	0	0	5	0.8	0.12	0	5	0	0	0	12
12	20	3	0	0	6	0.9	0.12	0	6	0	0	0	12
12	20	4	0	0	6	0.8	0.12	0	6	0	0	0	12
12	20	5	0	0	6	0.8	0.12	0	6	0	0	0	12
12	20	6	0	0	6	0.8	0.12	0	6	0	0	0	12
12	20	7	0	0	6	0.8	0.12	0	6	0	0	0	12
12	20	8	0	5	6	0.8	0.12	4.714	6.17	22.922	0	0	12
12	20	9	0	78	7	0.8	0.12	77.52	9.893	470.925	426.17	0.42617	12
12	20	10	0	45	8	0.9	0.12	42.582	9.549	253.388	216.342	0.216342	12
12	20	11	0	46	10	1	0.12	43.54	11.542	256.027	218.887	0.218887	12
12	20	12	0	24	11	1.1	0.12	22.699	11.783	129.348	96.697	0.096697	12
12	20	13	0	96	11	1.1	0.12	92.025	14.177	551.277	503.675	0.503675	12
12	20	14	0	82	12	1.1	0.12	78.403	14.71	467.674	423.035	0.423035	12
12	20	15	0	24	12	0.9	0.12	22.677	12.825	129.47	96.815	0.096815	12
12	20	16	0	19	11	0.8	0.12	17.951	11.662	97.479	65.957	0.065957	12
12	20	17	0	0	11	0.8	0.12	0	11	0	0	0	12
12	20	18	0	0	11	0.7	0.12	0	11	0	0	0	12
12	20	19	0	0	11	0.7	0.12	0	11	0	0	0	12
12	20	20	0	0	11	0.7	0.12	0	11	0	0	0	12
12	20	21	0	0	11	0.7	0.12	0	11	0	0	0	12
12	20	22	0	0	12	0.8	0.12	0	12	0	0	0	12
12	20	23	0	0	12	0.8	0.12	0	12	0	0	0	12
12	21	0	0	0	13	0.8	0.12	0	13	0	0	0	12
12	21	1	0	0	13	0.9	0.12	0	13	0	0	0	12
12	21	2	0	0	13	1	0.12	0	13	0	0	0	12
12	21	3	0	0	13	1	0.12	0	13	0	0	0	12
12	21	4	0	0	13	0.9	0.12	0	13	0	0	0	12
12	21	5	0	0	12	0.8	0.12	0	12	0	0	0	12
12	21	6	0	0	12	0.7	0.12	0	12	0	0	0	12
12	21	7	0	0	12	0.8	0.12	0	12	0	0	0	12
12	21	8	0	3	12	1.1	0.12	2.827	12.094	12.898	0	0	12
12	21	9	0	9	14	1.4	0.12	8.494	14.273	45.887	16.193	0.016193	12
12	21	10	0	14	15	1.5	0.12	13.226	15.416	72.744	42.099	0.042099	12
12	21	11	0	35	16	1.4	0.12	33.112	17.064	187.815	153.092	0.153092	12
12	21	12	0	35	16	1.2	0.12	33.118	17.115	187.409	152.7	0.1527	12
12	21	13	0	74	17	1	0.12	70.13	19.483	406.447	363.977	0.363977	12
12	21	14	0	67	17	0.9	0.12	63.472	19.308	368.115	327.003	0.327003	12
12	21	15	0	88	17	0.9	0.12	87.519	20.183	513.13	466.879	0.466879	12
12	21	16	16	43	17	0.9	0.12	51.642	18.853	283.082	244.983	0.244983	12

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
12	21	17	0	0	17	1.1	0.12	0	17	0	0	0	12
12	21	18	0	0	17	1.4	0.12	0	17	0	0	0	12
12	21	19	0	0	18	1.5	0.12	0	18	0	0	0	12
12	21	20	0	0	18	1.5	0.12	0	18	0	0	0	12
12	21	21	0	0	18	1.5	0.12	0	18	0	0	0	12
12	21	22	0	0	18	1.6	0.12	0	18	0	0	0	12
12	21	23	0	0	18	1.9	0.12	0	18	0	0	0	12
12	22	0	0	0	19	2	0.12	0	19	0	0	0	12
12	22	1	0	0	18	1.6	0.12	0	18	0	0	0	12
12	22	2	0	0	18	1.2	0.12	0	18	0	0	0	12
12	22	3	0	0	17	1	0.12	0	17	0	0	0	12
12	22	4	0	0	16	0.8	0.12	0	16	0	0	0	12
12	22	5	0	0	15	0.7	0.12	0	15	0	0	0	12
12	22	6	0	0	14	0.7	0.12	0	14	0	0	0	12
12	22	7	0	0	13	1	0.12	0	13	0	0	0	12
12	22	8	6	29	11	1.2	0.12	30.804	11.998	155.468	121.891	0.121891	12
12	22	9	650	55	10	1.4	0.12	381.333	22.296	2341.85	2230.801	2.230801	12
12	22	10	127	150	10	1.4	0.12	247.134	17.972	1529.188	1446.935	1.446935	12
12	22	11	322	172	11	1.3	0.12	429.124	25.174	2619.539	2498.651	2.498651	12
12	22	12	161	206	11	1.2	0.12	351.759	22.876	2142.471	2038.487	2.038487	12
12	22	13	6	155	11	1.2	0.12	158.912	16.355	963.321	901.118	0.901118	12
12	22	14	92	159	11	1.1	0.12	229.544	18.948	1408.293	1330.324	1.330324	12
12	22	15	370	89	10	0.9	0.12	301.2	20.999	1863.883	1769.77	1.76977	12
12	22	16	216	46	8	0.5	0.12	136.426	13.421	773.302	717.833	0.717833	12
12	22	17	0	0	7	0.4	0.12	0	7	0	0	0	12
12	22	18	0	0	6	0.5	0.12	0	6	0	0	0	12
12	22	19	0	0	6	0.4	0.12	0	6	0	0	0	12
12	22	20	0	0	5	0.5	0.12	0	5	0	0	0	12
12	22	21	0	0	4	0.6	0.12	0	4	0	0	0	12
12	22	22	0	0	3	0.7	0.12	0	3	0	0	0	12
12	22	23	0	0	2	0.8	0.12	0	2	0	0	0	12
12	23	0	0	0	2	0.8	0.12	0	2	0	0	0	12
12	23	1	0	0	1	0.8	0.12	0	1	0	0	0	12
12	23	2	0	0	1	0.8	0.12	0	1	0	0	0	12
12	23	3	0	0	0	0.9	0.12	0	0	0	0	0	12
12	23	4	0	0	0	0.8	0.12	0	0	0	0	0	12
12	23	5	0	0	0	0.7	0.12	0	0	0	0	0	12
12	23	6	0	0	-1	0.6	0.12	0	-1	0	0	0	12
12	23	7	0	0	-1	0.6	0.12	0	-1	0	0	0	12
12	23	8	0	26	0	0.8	0.12	25.403	0.911	133.385	100.59	0.10059	12
12	23	9	71	92	0	0.9	0.12	132.059	4.804	836.153	778.457	0.778457	12
12	23	10	88	149	0	1	0.12	213.974	7.599	1369.027	1292.449	1.292449	12
12	23	11	103	188	1	0.9	0.12	274.971	11.009	1741.582	1651.803	1.651803	12

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
12	23	12	104	203	2	0.9	0.12	295.735	12.758	1860.086	1766.108	1.766108	12
12	23	13	103	194	2	0.9	0.12	282.97	12.298	1783.354	1692.095	1.692095	12
12	23	14	7	136	1	0.9	0.12	140.678	6.116	887.376	827.865	0.827865	12
12	23	15	43	104	0	0.8	0.12	133.05	4.974	845.251	787.232	0.787232	12
12	23	16	528	35	-1	0.5	0.12	224.927	7.897	1302.551	1228.329	1.228329	12
12	23	17	0	0	-2	0.4	0.12	0	-2	0	0	0	12
12	23	18	0	0	-3	0.4	0.12	0	-3	0	0	0	12
12	23	19	0	0	-4	0.4	0.87	0	-4	0	0	0	12
12	23	20	0	0	-4	0.3	0.87	0	-4	0	0	0	12
12	23	21	0	0	-4	0.3	0.87	0	-4	0	0	0	12
12	23	22	0	0	-4	0.4	0.87	0	-4	0	0	0	12
12	23	23	0	0	-4	0.5	0.87	0	-4	0	0	0	12
12	24	0	0	0	-4	0.5	0.87	0	-4	0	0	0	12
12	24	1	0	0	-4	0.7	0.87	0	-4	0	0	0	12
12	24	2	0	0	-5	0.8	0.87	0	-5	0	0	0	12
12	24	3	0	0	-5	0.9	0.87	0	-5	0	0	0	12
12	24	4	0	0	-6	1	0.87	0	-6	0	0	0	12
12	24	5	0	0	-7	1	0.87	0	-7	0	0	0	12
12	24	6	0	0	-8	1	0.87	0	-8	0	0	0	12
12	24	7	0	0	-8	1	0.87	0	-8	0	0	0	12
12	24	8	489	28	-7	1	0.87	180.286	-1.069	924.304	863.484	0.863484	12
12	24	9	769	56	-6	1	0.87	438.487	9.554	2815.988	2688.139	2.688139	12
12	24	10	407	121	-5	0.9	0.87	406.182	9.82	2627.578	2506.405	2.506405	12
12	24	11	931	82	-4	0.9	0.87	774.479	24.274	4779.506	4582.081	4.582081	12
12	24	12	945	86	-3	0.8	0.87	825.711	27.933	5012.95	4807.253	4.807253	12
12	24	13	931	85	-3	0.7	0.87	793.028	27.534	4829.178	4629.993	4.629993	12
12	24	14	883	77	-3	0.6	0.87	675.971	23.79	4193.674	4017.008	4.017008	12
12	24	15	782	63	-3	0.4	0.87	487.174	17.459	3086.199	2948.775	2.948775	12
12	24	16	558	38	-4	0.3	0.87	240.973	6.118	1406.61	1328.7	1.3287	12
12	24	17	0	0	-5	0.2	0.87	0	-5	0	0	0	12
12	24	18	0	0	-5	0.2	0.87	0	-5	0	0	0	12
12	24	19	0	0	-5	0.3	0.87	0	-5	0	0	0	12
12	24	20	0	0	-5	0.4	0.87	0	-5	0	0	0	12
12	24	21	0	0	-5	0.5	0.87	0	-5	0	0	0	12
12	24	22	0	0	-5	0.5	0.87	0	-5	0	0	0	12
12	24	23	0	0	-5	0.5	0.87	0	-5	0	0	0	12
12	25	0	0	0	-5	0.6	0.87	0	-5	0	0	0	12
12	25	1	0	0	-5	0.6	0.87	0	-5	0	0	0	12
12	25	2	0	0	-5	0.5	0.87	0	-5	0	0	0	12
12	25	3	0	0	-5	0.5	0.87	0	-5	0	0	0	12
12	25	4	0	0	-5	0.5	0.87	0	-5	0	0	0	12
12	25	5	0	0	-5	0.4	0.87	0	-5	0	0	0	12
12	25	6	0	0	-5	0.4	0.87	0	-5	0	0	0	12

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
12	25	7	0	0	-5	0.5	0.87	0	-5	0	0	0	12
12	25	8	0	16	-4	0.7	0.87	15.48	-3.433	79.384	48.503	0.048503	12
12	25	9	390	73	-3	0.8	0.87	280.29	7.467	1794.184	1702.541	1.702541	12
12	25	10	234	151	-1	0.9	0.87	326.788	10.907	2086.637	1984.631	1.984631	12
12	25	11	425	169	0	0.9	0.87	515.187	18.771	3218.238	3076.135	3.076135	12
12	25	12	481	157	1	0.9	0.87	560.548	21.42	3467.706	3316.763	3.316763	12
12	25	13	212	193	2	0.8	0.87	376.413	16.058	2349.607	2238.283	2.238283	12
12	25	14	0	76	2	0.7	0.87	73.95	4.831	454.416	410.246	0.410246	12
12	25	15	0	22	1	0.5	0.87	21.282	1.862	126.227	93.686	0.093686	12
12	25	16	0	12	0	0.4	0.87	11.597	0.479	64.93	34.562	0.034562	12
12	25	17	0	0	0	0.4	0.87	0	0	0	0	0	12
12	25	18	0	0	0	0.5	0.87	0	0	0	0	0	12
12	25	19	0	0	0	0.5	0.12	0	0	0	0	0	12
12	25	20	0	0	0	0.6	0.12	0	0	0	0	0	12
12	25	21	0	0	0	0.7	0.12	0	0	0	0	0	12
12	25	22	0	0	0	0.6	0.12	0	0	0	0	0	12
12	25	23	0	0	0	0.6	0.12	0	0	0	0	0	12
12	26	0	0	0	0	0.6	0.12	0	0	0	0	0	12
12	26	1	0	0	0	0.6	0.12	0	0	0	0	0	12
12	26	2	0	0	0	0.7	0.12	0	0	0	0	0	12
12	26	3	0	0	0	0.9	0.12	0	0	0	0	0	12
12	26	4	0	0	0	0.9	0.12	0	0	0	0	0	12
12	26	5	0	0	0	0.9	0.12	0	0	0	0	0	12
12	26	6	0	0	0	0.9	0.12	0	0	0	0	0	12
12	26	7	0	0	-1	0.9	0.12	0	-1	0	0	0	12
12	26	8	375	28	-1	0.9	0.12	149.286	4.029	742.278	687.908	0.687908	12
12	26	9	726	49	0	1	0.12	404.046	14.345	2555.546	2436.925	2.436925	12
12	26	10	851	58	0	0.9	0.12	597.024	21.849	3753.457	3592.389	3.592389	12
12	26	11	902	63	1	0.9	0.12	715.047	27.143	4391.103	4207.441	4.207441	12
12	26	12	919	64	2	0.8	0.12	763.277	30.636	4614.735	4423.149	4.423149	12
12	26	13	899	66	3	0.8	0.12	732.332	30.483	4435.452	4250.219	4.250219	12
12	26	14	855	61	3	0.6	0.12	632.266	28.091	3878.579	3713.078	3.713078	12
12	26	15	760	52	2	0.4	0.12	460.179	21.354	2887.488	2757.105	2.757105	12
12	26	16	542	34	0	0.6	0.12	231.878	8.932	1348.496	1272.645	1.272645	12
12	26	17	0	0	0	0.9	0.12	0	0	0	0	0	12
12	26	18	0	0	-1	0.8	0.12	0	-1	0	0	0	12
12	26	19	0	0	-1	0.6	0.12	0	-1	0	0	0	12
12	26	20	0	0	-1	0.3	0.12	0	-1	0	0	0	12
12	26	21	0	0	-1	0.3	0.12	0	-1	0	0	0	12
12	26	22	0	0	-1	0.4	0.12	0	-1	0	0	0	12
12	26	23	0	0	-1	0.5	0.12	0	-1	0	0	0	12
12	27	0	0	0	-1	0.5	0.12	0	-1	0	0	0	12
12	27	1	0	0	-2	0.5	0.12	0	-2	0	0	0	12

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
12	27	2	0	0	-3	0.4	0.12	0	-3	0	0	0	12
12	27	3	0	0	-3	0.4	0.12	0	-3	0	0	0	12
12	27	4	0	0	-3	0.4	0.12	0	-3	0	0	0	12
12	27	5	0	0	-4	0.4	0.12	0	-4	0	0	0	12
12	27	6	0	0	-4	0.4	0.12	0	-4	0	0	0	12
12	27	7	0	0	-3	0.4	0.12	0	-3	0	0	0	12
12	27	8	394	26	-1	0.5	0.12	151.832	4.688	745.814	691.319	0.691319	12
12	27	9	692	52	1	0.6	0.12	390.938	16.446	2450.976	2336.06	2.33606	12
12	27	10	820	64	3	0.7	0.12	584.907	25.579	3624.397	3467.902	3.467902	12
12	27	11	875	70	5	0.8	0.12	709.749	31.639	4282.088	4102.289	4.102289	12
12	27	12	893	72	6	0.8	0.12	754.262	34.295	4494.531	4307.204	4.307204	12
12	27	13	885	70	7	0.7	0.12	727.98	35.068	4330.288	4148.781	4.148781	12
12	27	14	841	65	6	0.6	0.12	629.252	30.97	3816.455	3653.155	3.653155	12
12	27	15	742	56	4	0.4	0.12	456.843	23.215	2846.709	2717.771	2.717771	12
12	27	16	522	36	1	0.4	0.12	228.118	10.322	1323.687	1248.715	1.248715	12
12	27	17	0	0	0	0.4	0.12	0	0	0	0	0	12
12	27	18	0	0	0	0.5	0.12	0	0	0	0	0	12
12	27	19	0	0	0	0.5	0.12	0	0	0	0	0	12
12	27	20	0	0	0	0.5	0.12	0	0	0	0	0	12
12	27	21	0	0	0	0.6	0.12	0	0	0	0	0	12
12	27	22	0	0	0	0.6	0.12	0	0	0	0	0	12
12	27	23	0	0	0	0.6	0.12	0	0	0	0	0	12
12	28	0	0	0	0	0.6	0.12	0	0	0	0	0	12
12	28	1	0	0	0	0.6	0.12	0	0	0	0	0	12
12	28	2	0	0	0	0.6	0.12	0	0	0	0	0	12
12	28	3	0	0	0	0.6	0.12	0	0	0	0	0	12
12	28	4	0	0	0	0.6	0.12	0	0	0	0	0	12
12	28	5	0	0	0	0.6	0.12	0	0	0	0	0	12
12	28	6	0	0	0	0.6	0.12	0	0	0	0	0	12
12	28	7	0	0	0	0.6	0.12	0	0	0	0	0	12
12	28	8	420	25	0	0.7	0.12	153.981	5.428	745.836	691.34	0.69134	12
12	28	9	398	72	2	0.7	0.12	277.866	12.672	1750.844	1660.736	1.660736	12
12	28	10	845	61	5	0.7	0.12	596.132	28.014	3661.119	3503.323	3.503323	12
12	28	11	902	67	7	0.8	0.12	719.946	34.024	4304.881	4124.274	4.124274	12
12	28	12	527	147	8	0.9	0.12	575.048	28.981	3478.028	3326.72	3.32672	12
12	28	13	693	97	8	0.8	0.12	630.95	31.662	3794.415	3631.896	3.631896	12
12	28	14	311	149	7	0.5	0.12	376.122	22.323	2322.68	2212.31	2.21231	12
12	28	15	126	111	4	0.4	0.12	190.726	11.996	1199.797	1129.215	1.129215	12
12	28	16	0	19	2	0.4	0.12	17.949	2.744	102.572	70.869	0.070869	12
12	28	17	0	0	1	0.4	0.12	0	1	0	0	0	12
12	28	18	0	0	1	0.4	0.12	0	1	0	0	0	12
12	28	19	0	0	0	0.4	0.12	0	0	0	0	0	12
12	28	20	0	0	0	0.4	0.12	0	0	0	0	0	12

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
12	28	21	0	0	0	0.4	0.12	0	0	0	0	0	12
12	28	22	0	0	1	0.5	0.12	0	1	0	0	0	12
12	28	23	0	0	1	0.5	0.12	0	1	0	0	0	12
12	29	0	0	0	1	0.5	0.12	0	1	0	0	0	12
12	29	1	0	0	0	0.4	0.12	0	0	0	0	0	12
12	29	2	0	0	0	0.2	0.12	0	0	0	0	0	12
12	29	3	0	0	0	0.2	0.12	0	0	0	0	0	12
12	29	4	0	0	0	0.2	0.12	0	0	0	0	0	12
12	29	5	0	0	0	0.2	0.12	0	0	0	0	0	12
12	29	6	0	0	0	0.2	0.12	0	0	0	0	0	12
12	29	7	0	0	0	0.2	0.12	0	0	0	0	0	12
12	29	8	0	3	0	0.3	0.12	2.827	0.116	13.016	0	0	12
12	29	9	0	19	1	0.4	0.12	17.945	1.75	106.223	74.391	0.074391	12
12	29	10	0	34	1	0.5	0.12	32.154	2.305	195.021	160.042	0.160042	12
12	29	11	110	189	3	0.6	0.12	290.438	14.468	1818.475	1725.971	1.725971	12
12	29	12	10	166	5	0.8	0.12	173.249	11.46	1072.166	1006.107	1.006107	12
12	29	13	0	133	6	0.9	0.12	130.55	10.741	802.601	746.093	0.746093	12
12	29	14	772	79	7	0.9	0.12	603.41	29.068	3682.183	3523.641	3.523641	12
12	29	15	644	71	6	0.8	0.12	428.913	22.109	2679.834	2556.809	2.556809	12
12	29	16	359	49	4	0.8	0.12	190.666	10.985	1112.232	1044.753	1.044753	12
12	29	17	0	0	2	0.9	0.12	0	2	0	0	0	12
12	29	18	0	0	1	0.8	0.12	0	1	0	0	0	12
12	29	19	0	0	0	0.7	0.12	0	0	0	0	0	12
12	29	20	0	0	0	0.7	0.12	0	0	0	0	0	12
12	29	21	0	0	0	0.8	0.12	0	0	0	0	0	12
12	29	22	0	0	0	0.8	0.12	0	0	0	0	0	12
12	29	23	0	0	-1	0.7	0.12	0	-1	0	0	0	12
12	30	0	0	0	-2	0.7	0.12	0	-2	0	0	0	12
12	30	1	0	0	-2	0.7	0.12	0	-2	0	0	0	12
12	30	2	0	0	-2	0.7	0.12	0	-2	0	0	0	12
12	30	3	0	0	-3	0.6	0.12	0	-3	0	0	0	12
12	30	4	0	0	-3	0.6	0.12	0	-3	0	0	0	12
12	30	5	0	0	-4	0.6	0.12	0	-4	0	0	0	12
12	30	6	0	0	-4	0.6	0.12	0	-4	0	0	0	12
12	30	7	0	0	-4	0.6	0.12	0	-4	0	0	0	12
12	30	8	0	24	-3	0.7	0.12	23.243	-2.155	117.975	85.726	0.085726	12
12	30	9	0	71	-2	0.8	0.12	69.917	0.609	438.632	395.021	0.395021	12
12	30	10	0	119	-1	0.8	0.12	118.305	3.418	749.84	695.202	0.695202	12
12	30	11	4	150	0	0.7	0.12	152.23	5.835	960.059	897.973	0.897973	12
12	30	12	0	90	0	0.6	0.12	85.739	3.376	533.82	486.837	0.486837	12
12	30	13	0	87	0	0.6	0.12	82.816	3.262	515.79	469.445	0.469445	12
12	30	14	67	161	0	0.6	0.12	215.88	8.526	1372.735	1296.026	1.296026	12
12	30	15	54	110	-1	0.5	0.12	145.665	4.923	929.87	868.853	0.868853	12

Month	Day	Hour	Beam Irradiance (W/m2)	Diffuse Irradiance (W/m2)	Ambient Temperature (C)	Wind Speed (m/s)	Albedo	Plane of Array Irradiance (W/m2)	Cell Temperature (C)	DC Array Output (W)	AC System Output (W)	AC System Output (kW)	Month
12	30	16	554	38	-3	0.4	0.12	244.495	7.014	1450.138	1370.686	1.370686	12
12	30	17	0	0	-4	0.4	0.12	0	-4	0	0	0	12
12	30	18	0	0	-4	0.5	0.12	0	-4	0	0	0	12
12	30	19	0	0	-4	0.5	0.12	0	-4	0	0	0	12
12	30	20	0	0	-4	0.5	0.12	0	-4	0	0	0	12
12	30	21	0	0	-4	0.6	0.12	0	-4	0	0	0	12
12	30	22	0	0	-4	0.6	0.12	0	-4	0	0	0	12
12	30	23	0	0	-4	0.6	0.12	0	-4	0	0	0	12
12	31	0	0	0	-4	0.6	0.12	0	-4	0	0	0	12
12	31	1	0	0	-3	0.8	0.12	0	-3	0	0	0	12
12	31	2	0	0	-3	0.9	0.12	0	-3	0	0	0	12
12	31	3	0	0	-3	0.9	0.12	0	-3	0	0	0	12
12	31	4	0	0	-3	0.8	0.12	0	-3	0	0	0	12
12	31	5	0	0	-4	0.8	0.12	0	-4	0	0	0	12
12	31	6	0	0	-4	0.8	0.12	0	-4	0	0	0	12
12	31	7	0	0	-3	0.9	0.12	0	-3	0	0	0	12
12	31	8	312	30	-3	1.1	0.12	130.758	1.15	638.986	588.276	0.588276	12
12	31	9	632	62	-2	1.2	0.12	375.306	10.675	2398.252	2285.204	2.285204	12
12	31	10	780	75	-1	1.3	0.12	572.1	17.957	3644.155	3486.96	3.48696	12
12	31	11	867	74	0	1.3	0.12	709.468	23.487	4413.367	4228.916	4.228916	12
12	31	12	896	73	0	1.2	0.12	760.029	25.756	4677.82	4483.998	4.483998	12
12	31	13	880	72	0	1	0.12	736.096	26.216	4527.141	4338.658	4.338658	12
12	31	14	813	72	0	0.9	0.12	624.551	22.843	3903.735	3737.342	3.737342	12
12	31	15	281	104	0	0.6	0.12	270.064	10.699	1733.667	1644.169	1.644169	12
12	31	16	471	42	0	0.3	0.12	224.541	9.496	1324.022	1249.039	1.249039	12
12	31	17	0	0	-1	0.3	0.12	0	-1	0	0	0	12
12	31	18	0	0	-1	0.3	0.12	0	-1	0	0	0	12
12	31	19	0	0	4	0.4	0.11	0	4	0	0	0	12
12	31	20	0	0	3	1	0.11	0	3	0	0	0	12
12	31	21	0	0	1	1.2	0.11	0	1	0	0	0	12
12	31	22	0	0	0	1	0.11	0	0	0	0	0	12
12	31	23	0	0	0	0.6	0.11	0	0	0	0	0	12

TOTAL kW | 8841.887809

Hour Ending 1 - 24 Format (EST)		Convert to an Hour Ending 1 - 24 Format (EPT)		
Day	Hour	Month	Day	Hour
1	1	1	1	1
1	2	1	1	2
1	3	1	1	3
1	4	1	1	4
1	5	1	1	5
1	6	1	1	6
1	7	1	1	7
1	8	1	1	8
1	9	1	1	9
1	10	1	1	10
1	11	1	1	11
1	12	1	1	12
1	13	1	1	13
1	14	1	1	14
1	15	1	1	15
1	16	1	1	16
1	17	1	1	17
1	18	1	1	18
1	19	1	1	19
1	20	1	1	20
1	21	1	1	21
1	22	1	1	22
1	23	1	1	23
1	24	1	1	24
2	1	1	2	1
2	2	1	2	2
2	3	1	2	3
2	4	1	2	4
2	5	1	2	5
2	6	1	2	6
2	7	1	2	7
2	8	1	2	8
2	9	1	2	9
2	10	1	2	10
2	11	1	2	11
2	12	1	2	12
2	13	1	2	13
2	14	1	2	14
2	15	1	2	15
2	16	1	2	16
2	17	1	2	17
2	18	1	2	18

Day	Hour	Month	Day	Hour
2	19	1	2	19
2	20	1	2	20
2	21	1	2	21
2	22	1	2	22
2	23	1	2	23
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Day	Hour	Month	Day	Hour
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Day	Hour	Month	Day	Hour
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Day	Hour	Month	Day	Hour
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Day	Hour	Month	Day	Hour
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Day	Hour	Month	Day	Hour
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Day	Hour	Month	Day	Hour
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Day	Hour	Month	Day	Hour
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Day	Hour	Month	Day	Hour
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Day	Hour	Month	Day	Hour
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Day	Hour	Month	Day	Hour
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Day	Hour	Month	Day	Hour
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Day	Hour	Month	Day	Hour
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Day	Hour	Month	Day	Hour
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Day	Hour	Month	Day	Hour
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30	3	12	30	3
30	4	12	30	4
30	5	12	30	5
30	6	12	30	6
30	7	12	30	7
30	8	12	30	8
30	9	12	30	9
30	10	12	30	10
30	11	12	30	11
30	12	12	30	12
30	13	12	30	13
30	14	12	30	14
30	15	12	30	15
30	16	12	30	16

Day	Hour	Month	Day	Hour
30	17	12	30	17
30	18	12	30	18
30	19	12	30	19
30	20	12	30	20
30	21	12	30	21
30	22	12	30	22
30	23	12	30	23
30	24	12	30	24
31	1	12	31	1
31	2	12	31	2
31	3	12	31	3
31	4	12	31	4
31	5	12	31	5
31	6	12	31	6
31	7	12	31	7
31	8	12	31	8
31	9	12	31	9
31	10	12	31	10
31	11	12	31	11
31	12	12	31	12
31	13	12	31	13
31	14	12	31	14
31	15	12	31	15
31	16	12	31	16
31	17	12	31	17
31	18	12	31	18
31	19	12	31	19
31	20	12	31	20
31	21	12	31	21
31	22	12	31	22
31	23	12	31	23
31	24	12	31	24

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	04/01/2021	1	135,993.04	1.01279	0.000000	4	1
KY_RS	04/01/2021	2	131,457.15	0.97901	0.000000	4	1
KY_RS	04/01/2021	3	131,052.57	0.976	0.000000	4	1
KY_RS	04/01/2021	4	132,981.63	0.99036	0.000000	4	1
KY_RS	04/01/2021	5	138,226.42	1.02942	0.000000	4	1
KY_RS	04/01/2021	6	150,835.84	1.12333	0.000000	4	1
KY_RS	04/01/2021	7	170,259.05	1.26798	0.000000	4	1
KY_RS	04/01/2021	8	183,544.92	1.36693	0.000000	4	1
KY_RS	04/01/2021	9	181,501.05	1.35171	0.427131	4	1
KY_RS	04/01/2021	10	170,198.30	1.26753	0.452828	4	1
KY_RS	04/01/2021	11	167,930.04	1.25064	0.305155	4	1
KY_RS	04/01/2021	12	173,201.76	1.2899	1.456169	4	1
KY_RS	04/01/2021	13	167,211.62	1.24529	3.905777	4	1
KY_RS	04/01/2021	14	167,391.96	1.24663	1.675549	4	1
KY_RS	04/01/2021	15	168,045.08	1.25149	1.726975	4	1
KY_RS	04/01/2021	16	174,365.73	1.29857	3.409217	4	1
KY_RS	04/01/2021	17	184,482.12	1.37391	1.008405	4	1
KY_RS	04/01/2021	18	196,639.57	1.46445	1.771246	4	1
KY_RS	04/01/2021	19	204,183.44	1.52063	0.061175	4	1
KY_RS	04/01/2021	20	209,092.60	1.55719	0.118998	4	1
KY_RS	04/01/2021	21	214,742.32	1.59927	0.000000	4	1
KY_RS	04/01/2021	22	208,381.41	1.55189	0.000000	4	1
KY_RS	04/01/2021	23	192,351.14	1.43251	0.000000	4	1
KY_RS	04/01/2021	24	177,498.10	1.3219	0.000000	4	1
KY_RS	04/02/2021	1	166,703.54	1.2415	0.000000	4	2
KY_RS	04/02/2021	2	162,672.12	1.21148	0.000000	4	2
KY_RS	04/02/2021	3	162,181.85	1.20783	0.000000	4	2
KY_RS	04/02/2021	4	164,025.24	1.22156	0.000000	4	2
KY_RS	04/02/2021	5	169,481.47	1.26219	0.000000	4	2
KY_RS	04/02/2021	6	180,821.47	1.34665	0.000000	4	2
KY_RS	04/02/2021	7	198,133.54	1.47557	0.000000	4	2
KY_RS	04/02/2021	8	211,747.90	1.57697	0.007398	4	2
KY_RS	04/02/2021	9	204,058.05	1.5197	0.957355	4	2

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	04/02/2021	10	189,849.09	1.41388	2.544814	4	2
KY_RS	04/02/2021	11	176,940.54	1.31774	3.823780	4	2
KY_RS	04/02/2021	12	166,750.82	1.24186	4.708391	4	2
KY_RS	04/02/2021	13	159,198.29	1.18561	5.228104	4	2
KY_RS	04/02/2021	14	150,876.17	1.12363	5.432883	4	2
KY_RS	04/02/2021	15	142,864.76	1.06397	5.287938	4	2
KY_RS	04/02/2021	16	137,936.76	1.02727	4.870366	4	2
KY_RS	04/02/2021	17	137,828.65	1.02646	4.117831	4	2
KY_RS	04/02/2021	18	140,604.00	1.04713	3.022159	4	2
KY_RS	04/02/2021	19	141,336.72	1.05259	1.517739	4	2
KY_RS	04/02/2021	20	146,592.24	1.09173	0.211505	4	2
KY_RS	04/02/2021	21	159,738.24	1.18963	0.000000	4	2
KY_RS	04/02/2021	22	165,532.17	1.23278	0.000000	4	2
KY_RS	04/02/2021	23	161,756.79	1.20466	0.000000	4	2
KY_RS	04/02/2021	24	154,131.47	1.14788	0.000000	4	2
KY_RS	04/03/2021	1	147,748.22	1.10034	0.000000	4	3
KY_RS	04/03/2021	2	143,940.97	1.07198	0.000000	4	3
KY_RS	04/03/2021	3	142,774.05	1.06329	0.000000	4	3
KY_RS	04/03/2021	4	144,600.13	1.07689	0.000000	4	3
KY_RS	04/03/2021	5	147,511.44	1.09857	0.000000	4	3
KY_RS	04/03/2021	6	153,452.81	1.14282	0.000000	4	3
KY_RS	04/03/2021	7	162,076.57	1.20705	0.000000	4	3
KY_RS	04/03/2021	8	176,508.92	1.31453	0.000000	4	3
KY_RS	04/03/2021	9	183,375.94	1.36567	0.301195	4	3
KY_RS	04/03/2021	10	180,411.03	1.34359	1.206709	4	3
KY_RS	04/03/2021	11	173,316.87	1.29076	1.613511	4	3
KY_RS	04/03/2021	12	167,220.50	1.24535	0.705895	4	3
KY_RS	04/03/2021	13	156,950.83	1.16887	1.122000	4	3
KY_RS	04/03/2021	14	146,390.62	1.09023	0.731946	4	3
KY_RS	04/03/2021	15	137,087.25	1.02094	1.159384	4	3
KY_RS	04/03/2021	16	130,832.79	0.97436	1.169580	4	3
KY_RS	04/03/2021	17	128,067.76	0.95377	0.706667	4	3
KY_RS	04/03/2021	18	128,608.26	0.95779	0.123566	4	3

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	04/03/2021	19	129,044.92	0.96105	0.043454	4	3
KY_RS	04/03/2021	20	131,389.81	0.97851	0.000000	4	3
KY_RS	04/03/2021	21	140,625.17	1.04729	0.000000	4	3
KY_RS	04/03/2021	22	141,235.72	1.05184	0.000000	4	3
KY_RS	04/03/2021	23	134,496.27	1.00164	0.000000	4	3
KY_RS	04/03/2021	24	124,776.16	0.92926	0.000000	4	3
KY_RS	04/04/2021	1	113,446.89	0.84488	0.000000	4	4
KY_RS	04/04/2021	2	105,723.43	0.78736	0.000000	4	4
KY_RS	04/04/2021	3	102,125.14	0.76056	0.000000	4	4
KY_RS	04/04/2021	4	101,409.41	0.75523	0.000000	4	4
KY_RS	04/04/2021	5	102,414.86	0.76272	0.000000	4	4
KY_RS	04/04/2021	6	107,094.32	0.79757	0.000000	4	4
KY_RS	04/04/2021	7	115,847.27	0.86276	0.000000	4	4
KY_RS	04/04/2021	8	131,377.51	0.97842	0.000000	4	4
KY_RS	04/04/2021	9	145,248.16	1.08172	0.053786	4	4
KY_RS	04/04/2021	10	150,922.84	1.12398	0.497148	4	4
KY_RS	04/04/2021	11	151,037.51	1.12483	0.661400	4	4
KY_RS	04/04/2021	12	146,374.76	1.09011	0.377363	4	4
KY_RS	04/04/2021	13	141,187.58	1.05148	1.047078	4	4
KY_RS	04/04/2021	14	133,594.58	0.99493	1.081921	4	4
KY_RS	04/04/2021	15	126,869.80	0.94485	0.960396	4	4
KY_RS	04/04/2021	16	123,378.78	0.91885	0.904843	4	4
KY_RS	04/04/2021	17	123,175.00	0.91733	1.155378	4	4
KY_RS	04/04/2021	18	125,448.99	0.93427	0.493137	4	4
KY_RS	04/04/2021	19	128,055.69	0.95368	0.563864	4	4
KY_RS	04/04/2021	20	133,385.28	0.99337	0.014449	4	4
KY_RS	04/04/2021	21	143,985.90	1.07232	0.000000	4	4
KY_RS	04/04/2021	22	141,497.61	1.05379	0.000000	4	4
KY_RS	04/04/2021	23	125,143.31	0.93199	0.000000	4	4
KY_RS	04/04/2021	24	104,986.64	0.78188	0.000000	4	4
KY_RS	04/05/2021	1	90,042.71	0.67058	0.000000	4	5
KY_RS	04/05/2021	2	81,704.71	0.60849	0.000000	4	5
KY_RS	04/05/2021	3	77,551.82	0.57756	0.000000	4	5

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	04/05/2021	4	76,627.68	0.57068	0.000000	4	5
KY_RS	04/05/2021	5	79,562.02	0.59253	0.000000	4	5
KY_RS	04/05/2021	6	87,493.04	0.65159	0.000000	4	5
KY_RS	04/05/2021	7	101,459.32	0.75561	0.000000	4	5
KY_RS	04/05/2021	8	113,984.83	0.84889	0.000000	4	5
KY_RS	04/05/2021	9	115,202.73	0.85796	0.645379	4	5
KY_RS	04/05/2021	10	112,976.30	0.84138	2.157770	4	5
KY_RS	04/05/2021	11	111,943.30	0.83368	3.155243	4	5
KY_RS	04/05/2021	12	111,759.15	0.83231	3.476463	4	5
KY_RS	04/05/2021	13	112,000.65	0.83411	3.501183	4	5
KY_RS	04/05/2021	14	110,542.53	0.82325	4.735328	4	5
KY_RS	04/05/2021	15	110,333.26	0.82169	4.526468	4	5
KY_RS	04/05/2021	16	114,101.88	0.84976	3.723495	4	5
KY_RS	04/05/2021	17	122,241.26	0.91038	2.896816	4	5
KY_RS	04/05/2021	18	133,594.79	0.99493	2.201877	4	5
KY_RS	04/05/2021	19	140,638.00	1.04738	1.215776	4	5
KY_RS	04/05/2021	20	143,078.79	1.06556	0.070495	4	5
KY_RS	04/05/2021	21	150,032.69	1.11735	0.000000	4	5
KY_RS	04/05/2021	22	145,001.38	1.07988	0.000000	4	5
KY_RS	04/05/2021	23	127,703.36	0.95105	0.000000	4	5
KY_RS	04/05/2021	24	107,205.70	0.7984	0.000000	4	5
KY_RS	04/06/2021	1	91,103.15	0.67848	0.000000	4	6
KY_RS	04/06/2021	2	80,889.13	0.60241	0.000000	4	6
KY_RS	04/06/2021	3	75,329.27	0.56101	0.000000	4	6
KY_RS	04/06/2021	4	73,412.56	0.54673	0.000000	4	6
KY_RS	04/06/2021	5	74,634.66	0.55583	0.000000	4	6
KY_RS	04/06/2021	6	81,306.17	0.60552	0.000000	4	6
KY_RS	04/06/2021	7	94,186.38	0.70144	0.000000	4	6
KY_RS	04/06/2021	8	105,356.49	0.78463	0.021261	4	6
KY_RS	04/06/2021	9	106,226.25	0.79111	0.999182	4	6
KY_RS	04/06/2021	10	105,471.73	0.78549	2.496105	4	6
KY_RS	04/06/2021	11	105,595.93	0.78641	3.666554	4	6
KY_RS	04/06/2021	12	106,614.79	0.794	3.891704	4	6

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	04/06/2021	13	109,207.24	0.81331	4.247725	4	6
KY_RS	04/06/2021	14	110,543.02	0.82326	3.938309	4	6
KY_RS	04/06/2021	15	111,901.96	0.83338	4.382704	4	6
KY_RS	04/06/2021	16	117,585.81	0.87571	4.636494	4	6
KY_RS	04/06/2021	17	127,528.50	0.94975	3.928575	4	6
KY_RS	04/06/2021	18	139,104.62	1.03596	2.887736	4	6
KY_RS	04/06/2021	19	146,656.07	1.0922	1.477866	4	6
KY_RS	04/06/2021	20	148,781.83	1.10803	0.228197	4	6
KY_RS	04/06/2021	21	154,263.09	1.14886	0.000000	4	6
KY_RS	04/06/2021	22	151,530.46	1.1285	0.000000	4	6
KY_RS	04/06/2021	23	133,998.52	0.99794	0.000000	4	6
KY_RS	04/06/2021	24	112,454.83	0.83749	0.000000	4	6
KY_RS	04/07/2021	1	95,372.75	0.71028	0.000000	4	7
KY_RS	04/07/2021	2	84,377.72	0.62839	0.000000	4	7
KY_RS	04/07/2021	3	77,798.35	0.57939	0.000000	4	7
KY_RS	04/07/2021	4	74,537.12	0.55511	0.000000	4	7
KY_RS	04/07/2021	5	74,412.76	0.55418	0.000000	4	7
KY_RS	04/07/2021	6	79,945.23	0.59538	0.000000	4	7
KY_RS	04/07/2021	7	90,826.82	0.67642	0.000000	4	7
KY_RS	04/07/2021	8	101,154.47	0.75334	0.023849	4	7
KY_RS	04/07/2021	9	102,774.32	0.7654	0.977672	4	7
KY_RS	04/07/2021	10	104,765.67	0.78023	2.403807	4	7
KY_RS	04/07/2021	11	108,202.44	0.80582	3.535579	4	7
KY_RS	04/07/2021	12	113,056.46	0.84197	3.783904	4	7
KY_RS	04/07/2021	13	118,582.23	0.88313	3.875399	4	7
KY_RS	04/07/2021	14	123,758.62	0.92168	4.262386	4	7
KY_RS	04/07/2021	15	129,466.13	0.96418	4.903782	4	7
KY_RS	04/07/2021	16	137,576.63	1.02458	4.457735	4	7
KY_RS	04/07/2021	17	149,701.75	1.11489	3.697134	4	7
KY_RS	04/07/2021	18	162,490.87	1.21013	2.684141	4	7
KY_RS	04/07/2021	19	165,849.90	1.23515	1.377156	4	7
KY_RS	04/07/2021	20	166,222.38	1.23792	0.232111	4	7
KY_RS	04/07/2021	21	171,084.08	1.27413	0.000000	4	7

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	04/07/2021	22	167,614.30	1.24829	0.000000	4	7
KY_RS	04/07/2021	23	149,170.47	1.11093	0.000000	4	7
KY_RS	04/07/2021	24	126,547.91	0.94245	0.000000	4	7
KY_RS	04/08/2021	1	107,868.99	0.80334	0.000000	4	8
KY_RS	04/08/2021	2	95,905.70	0.71425	0.000000	4	8
KY_RS	04/08/2021	3	87,729.17	0.65335	0.000000	4	8
KY_RS	04/08/2021	4	82,745.89	0.61624	0.000000	4	8
KY_RS	04/08/2021	5	81,193.12	0.60468	0.000000	4	8
KY_RS	04/08/2021	6	84,919.88	0.63243	0.000000	4	8
KY_RS	04/08/2021	7	95,232.42	0.70923	0.000000	4	8
KY_RS	04/08/2021	8	103,700.44	0.7723	0.038075	4	8
KY_RS	04/08/2021	9	105,410.36	0.78503	0.734289	4	8
KY_RS	04/08/2021	10	107,733.55	0.80233	1.777898	4	8
KY_RS	04/08/2021	11	109,940.12	0.81877	3.405952	4	8
KY_RS	04/08/2021	12	112,129.76	0.83507	3.706986	4	8
KY_RS	04/08/2021	13	114,169.89	0.85027	4.030068	4	8
KY_RS	04/08/2021	14	113,631.86	0.84626	4.389418	4	8
KY_RS	04/08/2021	15	113,185.02	0.84293	3.383171	4	8
KY_RS	04/08/2021	16	115,182.33	0.85781	3.806271	4	8
KY_RS	04/08/2021	17	123,475.79	0.91957	2.427697	4	8
KY_RS	04/08/2021	18	137,823.12	1.02642	1.275580	4	8
KY_RS	04/08/2021	19	142,931.97	1.06447	1.175072	4	8
KY_RS	04/08/2021	20	143,523.19	1.06887	0.170885	4	8
KY_RS	04/08/2021	21	145,898.91	1.08656	0.000000	4	8
KY_RS	04/08/2021	22	141,588.65	1.05446	0.000000	4	8
KY_RS	04/08/2021	23	125,818.08	0.93701	0.000000	4	8
KY_RS	04/08/2021	24	106,828.50	0.79559	0.000000	4	8
KY_RS	04/09/2021	1	91,434.13	0.68094	0.000000	4	9
KY_RS	04/09/2021	2	81,741.63	0.60876	0.000000	4	9
KY_RS	04/09/2021	3	76,029.77	0.56622	0.000000	4	9
KY_RS	04/09/2021	4	73,517.23	0.54751	0.000000	4	9
KY_RS	04/09/2021	5	73,912.29	0.55045	0.000000	4	9
KY_RS	04/09/2021	6	79,772.06	0.59409	0.000000	4	9

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	04/09/2021	7	91,488.33	0.68135	0.000000	4	9
KY_RS	04/09/2021	8	101,925.19	0.75908	0.000000	4	9
KY_RS	04/09/2021	9	104,437.69	0.77779	0.090720	4	9
KY_RS	04/09/2021	10	106,315.18	0.79177	0.950313	4	9
KY_RS	04/09/2021	11	108,224.20	0.80599	3.121185	4	9
KY_RS	04/09/2021	12	109,548.97	0.81585	3.866112	4	9
KY_RS	04/09/2021	13	112,757.02	0.83974	3.130403	4	9
KY_RS	04/09/2021	14	115,007.83	0.85651	3.261806	4	9
KY_RS	04/09/2021	15	119,774.69	0.89201	2.887744	4	9
KY_RS	04/09/2021	16	126,599.03	0.94283	2.954238	4	9
KY_RS	04/09/2021	17	135,523.41	1.00929	2.048060	4	9
KY_RS	04/09/2021	18	145,841.50	1.08614	2.422083	4	9
KY_RS	04/09/2021	19	148,662.88	1.10715	0.610980	4	9
KY_RS	04/09/2021	20	143,238.44	1.06675	0.245708	4	9
KY_RS	04/09/2021	21	142,730.06	1.06296	0.000000	4	9
KY_RS	04/09/2021	22	140,097.89	1.04336	0.000000	4	9
KY_RS	04/09/2021	23	129,084.44	0.96134	0.000000	4	9
KY_RS	04/09/2021	24	114,271.91	0.85103	0.000000	4	9
KY_RS	04/10/2021	1	98,669.49	0.73483	0.000000	4	10
KY_RS	04/10/2021	2	87,333.18	0.6504	0.000000	4	10
KY_RS	04/10/2021	3	79,898.34	0.59503	0.000000	4	10
KY_RS	04/10/2021	4	75,590.79	0.56295	0.000000	4	10
KY_RS	04/10/2021	5	73,535.61	0.54765	0.000000	4	10
KY_RS	04/10/2021	6	74,156.83	0.55227	0.000000	4	10
KY_RS	04/10/2021	7	77,761.38	0.57912	0.000000	4	10
KY_RS	04/10/2021	8	86,992.95	0.64787	0.000000	4	10
KY_RS	04/10/2021	9	100,973.07	0.75198	0.388749	4	10
KY_RS	04/10/2021	10	112,253.57	0.83599	1.671361	4	10
KY_RS	04/10/2021	11	120,214.06	0.89528	2.082974	4	10
KY_RS	04/10/2021	12	125,332.16	0.9334	3.564996	4	10
KY_RS	04/10/2021	13	128,057.02	0.95369	2.950789	4	10
KY_RS	04/10/2021	14	128,035.33	0.95353	3.989859	4	10
KY_RS	04/10/2021	15	128,018.58	0.9534	2.651718	4	10

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	04/10/2021	16	127,983.98	0.95314	2.275703	4	10
KY_RS	04/10/2021	17	130,275.41	0.97021	2.603486	4	10
KY_RS	04/10/2021	18	135,075.68	1.00596	0.928050	4	10
KY_RS	04/10/2021	19	135,828.15	1.01156	0.418023	4	10
KY_RS	04/10/2021	20	131,920.55	0.98246	0.200340	4	10
KY_RS	04/10/2021	21	132,018.91	0.98319	0.000000	4	10
KY_RS	04/10/2021	22	128,790.30	0.95915	0.000000	4	10
KY_RS	04/10/2021	23	119,040.34	0.88654	0.000000	4	10
KY_RS	04/10/2021	24	106,549.64	0.79352	0.000000	4	10
KY_RS	04/11/2021	1	93,768.57	0.69833	0.000000	4	11
KY_RS	04/11/2021	2	84,666.86	0.63055	0.000000	4	11
KY_RS	04/11/2021	3	79,264.31	0.59031	0.000000	4	11
KY_RS	04/11/2021	4	76,112.14	0.56684	0.000000	4	11
KY_RS	04/11/2021	5	75,476.35	0.5621	0.000000	4	11
KY_RS	04/11/2021	6	77,488.58	0.57709	0.000000	4	11
KY_RS	04/11/2021	7	82,107.76	0.61149	0.000000	4	11
KY_RS	04/11/2021	8	93,768.29	0.69833	0.000000	4	11
KY_RS	04/11/2021	9	110,722.78	0.82459	0.005499	4	11
KY_RS	04/11/2021	10	126,353.54	0.941	1.201058	4	11
KY_RS	04/11/2021	11	135,788.98	1.01127	2.146129	4	11
KY_RS	04/11/2021	12	141,677.48	1.05513	0.270609	4	11
KY_RS	04/11/2021	13	146,137.22	1.08834	2.096238	4	11
KY_RS	04/11/2021	14	146,028.06	1.08753	1.382876	4	11
KY_RS	04/11/2021	15	144,988.61	1.07978	1.339251	4	11
KY_RS	04/11/2021	16	145,729.88	1.08531	3.123792	4	11
KY_RS	04/11/2021	17	150,483.96	1.12071	3.457289	4	11
KY_RS	04/11/2021	18	157,274.91	1.17129	1.486109	4	11
KY_RS	04/11/2021	19	160,517.40	1.19543	0.691202	4	11
KY_RS	04/11/2021	20	162,292.74	1.20866	0.110359	4	11
KY_RS	04/11/2021	21	162,578.75	1.21079	0.000000	4	11
KY_RS	04/11/2021	22	153,982.23	1.14676	0.000000	4	11
KY_RS	04/11/2021	23	136,573.16	1.01711	0.000000	4	11
KY_RS	04/11/2021	24	118,242.85	0.8806	0.000000	4	11

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	04/12/2021	1	104,688.50	0.77965	0.000000	4	12
KY_RS	04/12/2021	2	96,488.91	0.71859	0.000000	4	12
KY_RS	04/12/2021	3	92,144.80	0.68624	0.000000	4	12
KY_RS	04/12/2021	4	90,581.74	0.6746	0.000000	4	12
KY_RS	04/12/2021	5	91,963.56	0.68489	0.000000	4	12
KY_RS	04/12/2021	6	99,746.73	0.74285	0.000000	4	12
KY_RS	04/12/2021	7	113,407.11	0.84459	0.000000	4	12
KY_RS	04/12/2021	8	122,702.17	0.91381	0.000000	4	12
KY_RS	04/12/2021	9	123,555.32	0.92016	0.291359	4	12
KY_RS	04/12/2021	10	123,869.77	0.9225	0.350233	4	12
KY_RS	04/12/2021	11	125,967.43	0.93813	0.631959	4	12
KY_RS	04/12/2021	12	123,939.50	0.92302	1.664932	4	12
KY_RS	04/12/2021	13	120,615.53	0.89827	0.756463	4	12
KY_RS	04/12/2021	14	116,014.66	0.864	0.310674	4	12
KY_RS	04/12/2021	15	111,103.43	0.82743	2.077119	4	12
KY_RS	04/12/2021	16	110,317.19	0.82157	0.925818	4	12
KY_RS	04/12/2021	17	115,063.88	0.85692	0.709311	4	12
KY_RS	04/12/2021	18	124,852.06	0.92982	0.365676	4	12
KY_RS	04/12/2021	19	130,724.82	0.97356	0.055719	4	12
KY_RS	04/12/2021	20	132,700.10	0.98827	0.000000	4	12
KY_RS	04/12/2021	21	140,528.14	1.04657	0.000000	4	12
KY_RS	04/12/2021	22	137,466.13	1.02376	0.000000	4	12
KY_RS	04/12/2021	23	122,145.33	0.90966	0.000000	4	12
KY_RS	04/12/2021	24	104,498.50	0.77824	0.000000	4	12
KY_RS	04/13/2021	1	91,909.57	0.68449	0.000000	4	13
KY_RS	04/13/2021	2	85,488.47	0.63666	0.000000	4	13
KY_RS	04/13/2021	3	83,232.39	0.61986	0.000000	4	13
KY_RS	04/13/2021	4	83,604.84	0.62264	0.000000	4	13
KY_RS	04/13/2021	5	86,792.63	0.64638	0.000000	4	13
KY_RS	04/13/2021	6	95,672.73	0.71251	0.000000	4	13
KY_RS	04/13/2021	7	110,143.67	0.82028	0.000000	4	13
KY_RS	04/13/2021	8	119,969.64	0.89346	0.037604	4	13
KY_RS	04/13/2021	9	120,291.45	0.89586	0.464881	4	13

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	04/13/2021	10	119,287.77	0.88838	0.482975	4	13
KY_RS	04/13/2021	11	117,966.93	0.87854	0.820570	4	13
KY_RS	04/13/2021	12	115,053.50	0.85685	0.525427	4	13
KY_RS	04/13/2021	13	110,065.26	0.8197	0.298450	4	13
KY_RS	04/13/2021	14	105,501.03	0.78571	0.739966	4	13
KY_RS	04/13/2021	15	102,876.00	0.76616	0.802878	4	13
KY_RS	04/13/2021	16	104,658.88	0.77943	2.303376	4	13
KY_RS	04/13/2021	17	111,435.64	0.8299	1.680978	4	13
KY_RS	04/13/2021	18	122,040.71	0.90888	0.794698	4	13
KY_RS	04/13/2021	19	128,622.81	0.9579	0.513543	4	13
KY_RS	04/13/2021	20	131,641.63	0.98038	0.011621	4	13
KY_RS	04/13/2021	21	138,978.35	1.03502	0.000000	4	13
KY_RS	04/13/2021	22	136,572.04	1.0171	0.000000	4	13
KY_RS	04/13/2021	23	120,959.30	0.90083	0.000000	4	13
KY_RS	04/13/2021	24	102,794.43	0.76555	0.000000	4	13
KY_RS	04/14/2021	1	89,040.05	0.66311	0.000000	4	14
KY_RS	04/14/2021	2	81,363.33	0.60594	0.000000	4	14
KY_RS	04/14/2021	3	77,852.89	0.5798	0.000000	4	14
KY_RS	04/14/2021	4	76,870.20	0.57248	0.000000	4	14
KY_RS	04/14/2021	5	79,403.38	0.59135	0.000000	4	14
KY_RS	04/14/2021	6	87,391.84	0.65084	0.000000	4	14
KY_RS	04/14/2021	7	101,250.19	0.75405	0.000000	4	14
KY_RS	04/14/2021	8	111,124.73	0.82759	0.079074	4	14
KY_RS	04/14/2021	9	111,781.13	0.83248	0.615439	4	14
KY_RS	04/14/2021	10	112,905.69	0.84085	1.754480	4	14
KY_RS	04/14/2021	11	113,695.25	0.84673	3.264615	4	14
KY_RS	04/14/2021	12	114,155.40	0.85016	3.549298	4	14
KY_RS	04/14/2021	13	114,824.50	0.85514	3.109028	4	14
KY_RS	04/14/2021	14	112,451.86	0.83747	2.364593	4	14
KY_RS	04/14/2021	15	108,621.45	0.80894	2.648067	4	14
KY_RS	04/14/2021	16	107,741.86	0.80239	1.543038	4	14
KY_RS	04/14/2021	17	112,192.26	0.83554	1.008659	4	14
KY_RS	04/14/2021	18	121,370.16	0.90389	1.138831	4	14

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	04/14/2021	19	126,515.52	0.94221	0.424532	4	14
KY_RS	04/14/2021	20	130,745.03	0.97371	0.244421	4	14
KY_RS	04/14/2021	21	139,153.92	1.03633	0.000000	4	14
KY_RS	04/14/2021	22	138,507.44	1.03152	0.000000	4	14
KY_RS	04/14/2021	23	124,488.47	0.92711	0.000000	4	14
KY_RS	04/14/2021	24	107,796.43	0.8028	0.000000	4	14
KY_RS	04/15/2021	1	96,809.21	0.72097	0.000000	4	15
KY_RS	04/15/2021	2	90,931.26	0.6772	0.000000	4	15
KY_RS	04/15/2021	3	88,883.74	0.66195	0.000000	4	15
KY_RS	04/15/2021	4	89,278.74	0.66489	0.000000	4	15
KY_RS	04/15/2021	5	93,650.28	0.69745	0.000000	4	15
KY_RS	04/15/2021	6	104,381.26	0.77737	0.000000	4	15
KY_RS	04/15/2021	7	121,695.59	0.90631	0.000000	4	15
KY_RS	04/15/2021	8	133,403.40	0.99351	0.118432	4	15
KY_RS	04/15/2021	9	130,922.12	0.97503	1.298238	4	15
KY_RS	04/15/2021	10	127,741.46	0.95134	2.838244	4	15
KY_RS	04/15/2021	11	129,989.82	0.96808	3.984392	4	15
KY_RS	04/15/2021	12	126,368.77	0.94112	4.758179	4	15
KY_RS	04/15/2021	13	124,405.44	0.92649	5.181199	4	15
KY_RS	04/15/2021	14	119,906.21	0.89299	5.288843	4	15
KY_RS	04/15/2021	15	114,945.32	0.85604	5.168339	4	15
KY_RS	04/15/2021	16	114,316.28	0.85136	4.757893	4	15
KY_RS	04/15/2021	17	120,057.01	0.89411	4.061730	4	15
KY_RS	04/15/2021	18	131,872.46	0.9821	3.045249	4	15
KY_RS	04/15/2021	19	138,423.26	1.03089	1.630800	4	15
KY_RS	04/15/2021	20	144,639.12	1.07718	0.304331	4	15
KY_RS	04/15/2021	21	153,232.82	1.14118	0.000000	4	15
KY_RS	04/15/2021	22	150,431.24	1.12032	0.000000	4	15
KY_RS	04/15/2021	23	137,553.93	1.02442	0.000000	4	15
KY_RS	04/15/2021	24	123,698.08	0.92123	0.000000	4	15
KY_RS	04/16/2021	1	114,128.85	0.84996	0.000000	4	16
KY_RS	04/16/2021	2	110,019.22	0.81935	0.000000	4	16
KY_RS	04/16/2021	3	109,040.21	0.81206	0.000000	4	16

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	04/16/2021	4	110,926.41	0.82611	0.000000	4	16
KY_RS	04/16/2021	5	115,661.99	0.86138	0.000000	4	16
KY_RS	04/16/2021	6	126,138.71	0.9394	0.000000	4	16
KY_RS	04/16/2021	7	143,768.97	1.0707	0.000000	4	16
KY_RS	04/16/2021	8	155,292.18	1.15652	0.124950	4	16
KY_RS	04/16/2021	9	146,633.98	1.09204	1.305003	4	16
KY_RS	04/16/2021	10	135,885.35	1.01199	2.841646	4	16
KY_RS	04/16/2021	11	127,651.42	0.95067	3.973221	4	16
KY_RS	04/16/2021	12	122,722.13	0.91396	4.748804	4	16
KY_RS	04/16/2021	13	118,512.40	0.88261	5.232865	4	16
KY_RS	04/16/2021	14	113,253.97	0.84344	5.391666	4	16
KY_RS	04/16/2021	15	109,138.19	0.81279	5.246673	4	16
KY_RS	04/16/2021	16	108,240.85	0.80611	4.822607	4	16
KY_RS	04/16/2021	17	112,009.03	0.83417	4.107622	4	16
KY_RS	04/16/2021	18	117,161.22	0.87254	3.056435	4	16
KY_RS	04/16/2021	19	119,724.63	0.89163	1.622046	4	16
KY_RS	04/16/2021	20	120,756.67	0.89932	0.300860	4	16
KY_RS	04/16/2021	21	126,925.57	0.94526	0.000000	4	16
KY_RS	04/16/2021	22	128,252.84	0.95515	0.000000	4	16
KY_RS	04/16/2021	23	120,791.00	0.89958	0.000000	4	16
KY_RS	04/16/2021	24	110,609.91	0.82375	0.000000	4	16
KY_RS	04/17/2021	1	101,235.96	0.75394	0.000000	4	17
KY_RS	04/17/2021	2	95,951.61	0.71459	0.000000	4	17
KY_RS	04/17/2021	3	93,801.22	0.69857	0.000000	4	17
KY_RS	04/17/2021	4	92,990.48	0.69254	0.000000	4	17
KY_RS	04/17/2021	5	94,196.50	0.70152	0.000000	4	17
KY_RS	04/17/2021	6	98,419.01	0.73296	0.000000	4	17
KY_RS	04/17/2021	7	104,415.18	0.77762	0.000000	4	17
KY_RS	04/17/2021	8	115,902.42	0.86317	0.141853	4	17
KY_RS	04/17/2021	9	129,047.64	0.96107	0.979782	4	17
KY_RS	04/17/2021	10	136,236.94	1.01461	2.694121	4	17
KY_RS	04/17/2021	11	137,071.50	1.02082	3.170982	4	17
KY_RS	04/17/2021	12	136,418.46	1.01596	3.898555	4	17

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	04/17/2021	13	137,120.17	1.02119	4.321019	4	17
KY_RS	04/17/2021	14	135,212.01	1.00697	5.125626	4	17
KY_RS	04/17/2021	15	129,881.83	0.96728	4.520727	4	17
KY_RS	04/17/2021	16	128,388.75	0.95616	4.574055	4	17
KY_RS	04/17/2021	17	132,353.77	0.98569	3.871969	4	17
KY_RS	04/17/2021	18	136,850.52	1.01918	2.860317	4	17
KY_RS	04/17/2021	19	138,552.08	1.03185	1.517526	4	17
KY_RS	04/17/2021	20	137,343.30	1.02285	0.310601	4	17
KY_RS	04/17/2021	21	141,017.22	1.05021	0.000000	4	17
KY_RS	04/17/2021	22	142,592.82	1.06194	0.000000	4	17
KY_RS	04/17/2021	23	135,220.99	1.00704	0.000000	4	17
KY_RS	04/17/2021	24	125,553.53	0.93504	0.000000	4	17
KY_RS	04/18/2021	1	116,347.07	0.86648	0.000000	4	18
KY_RS	04/18/2021	2	110,305.96	0.82149	0.000000	4	18
KY_RS	04/18/2021	3	107,380.47	0.7997	0.000000	4	18
KY_RS	04/18/2021	4	107,075.36	0.79743	0.000000	4	18
KY_RS	04/18/2021	5	108,771.58	0.81006	0.000000	4	18
KY_RS	04/18/2021	6	113,680.55	0.84662	0.000000	4	18
KY_RS	04/18/2021	7	121,010.07	0.90121	0.000000	4	18
KY_RS	04/18/2021	8	133,614.34	0.99508	0.140790	4	18
KY_RS	04/18/2021	9	140,135.96	1.04365	1.251265	4	18
KY_RS	04/18/2021	10	141,540.36	1.0541	2.696947	4	18
KY_RS	04/18/2021	11	139,801.92	1.04116	3.792981	4	18
KY_RS	04/18/2021	12	136,547.22	1.01692	4.563382	4	18
KY_RS	04/18/2021	13	133,695.05	0.99568	5.029024	4	18
KY_RS	04/18/2021	14	129,131.84	0.96169	5.173106	4	18
KY_RS	04/18/2021	15	125,165.88	0.93216	5.043180	4	18
KY_RS	04/18/2021	16	124,391.51	0.92639	4.651376	4	18
KY_RS	04/18/2021	17	127,678.11	0.95087	3.927101	4	18
KY_RS	04/18/2021	18	134,788.39	1.00382	2.216416	4	18
KY_RS	04/18/2021	19	140,123.32	1.04355	1.135758	4	18
KY_RS	04/18/2021	20	144,521.30	1.0763	0.215170	4	18
KY_RS	04/18/2021	21	151,751.88	1.13015	0.000000	4	18

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	04/18/2021	22	147,750.83	1.10036	0.000000	4	18
KY_RS	04/18/2021	23	128,971.50	0.9605	0.000000	4	18
KY_RS	04/18/2021	24	108,934.74	0.81128	0.000000	4	18
KY_RS	04/19/2021	1	94,608.04	0.70458	0.000000	4	19
KY_RS	04/19/2021	2	86,888.91	0.64709	0.000000	4	19
KY_RS	04/19/2021	3	83,490.43	0.62178	0.000000	4	19
KY_RS	04/19/2021	4	83,793.98	0.62405	0.000000	4	19
KY_RS	04/19/2021	5	86,503.65	0.64423	0.000000	4	19
KY_RS	04/19/2021	6	96,133.97	0.71595	0.000000	4	19
KY_RS	04/19/2021	7	115,322.48	0.85885	0.000000	4	19
KY_RS	04/19/2021	8	125,813.98	0.93698	0.023105	4	19
KY_RS	04/19/2021	9	118,744.59	0.88434	0.032242	4	19
KY_RS	04/19/2021	10	113,609.20	0.84609	0.929519	4	19
KY_RS	04/19/2021	11	110,465.86	0.82268	1.984451	4	19
KY_RS	04/19/2021	12	109,002.26	0.81178	2.252398	4	19
KY_RS	04/19/2021	13	109,176.75	0.81308	0.190499	4	19
KY_RS	04/19/2021	14	106,894.82	0.79609	4.533515	4	19
KY_RS	04/19/2021	15	105,195.79	0.78343	3.215066	4	19
KY_RS	04/19/2021	16	108,014.68	0.80443	1.080948	4	19
KY_RS	04/19/2021	17	115,554.80	0.86058	2.170305	4	19
KY_RS	04/19/2021	18	127,439.33	0.94909	0.121735	4	19
KY_RS	04/19/2021	19	133,901.31	0.99721	0.856216	4	19
KY_RS	04/19/2021	20	136,589.09	1.01723	0.020922	4	19
KY_RS	04/19/2021	21	142,557.56	1.06168	0.000000	4	19
KY_RS	04/19/2021	22	140,203.03	1.04414	0.000000	4	19
KY_RS	04/19/2021	23	122,656.34	0.91347	0.000000	4	19
KY_RS	04/19/2021	24	103,130.46	0.76805	0.000000	4	19
KY_RS	04/20/2021	1	89,663.69	0.66776	0.000000	4	20
KY_RS	04/20/2021	2	82,884.28	0.61727	0.000000	4	20
KY_RS	04/20/2021	3	80,656.21	0.60068	0.000000	4	20
KY_RS	04/20/2021	4	81,366.12	0.60596	0.000000	4	20
KY_RS	04/20/2021	5	85,709.13	0.63831	0.000000	4	20
KY_RS	04/20/2021	6	96,987.99	0.72231	0.000000	4	20

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	04/20/2021	7	117,414.46	0.87443	0.000000	4	20
KY_RS	04/20/2021	8	129,361.76	0.96341	0.182548	4	20
KY_RS	04/20/2021	9	124,128.71	0.92443	1.241068	4	20
KY_RS	04/20/2021	10	116,701.84	0.86912	2.613405	4	20
KY_RS	04/20/2021	11	111,819.79	0.83276	3.678248	4	20
KY_RS	04/20/2021	12	108,763.56	0.81	1.762202	4	20
KY_RS	04/20/2021	13	106,511.54	0.79323	0.945324	4	20
KY_RS	04/20/2021	14	102,801.59	0.7656	0.793854	4	20
KY_RS	04/20/2021	15	101,514.50	0.75602	0.674806	4	20
KY_RS	04/20/2021	16	104,630.43	0.77922	0.592832	4	20
KY_RS	04/20/2021	17	113,095.96	0.84227	0.413714	4	20
KY_RS	04/20/2021	18	126,326.21	0.9408	0.152372	4	20
KY_RS	04/20/2021	19	134,278.84	1.00003	0.209834	4	20
KY_RS	04/20/2021	20	138,448.99	1.03108	0.343977	4	20
KY_RS	04/20/2021	21	146,269.02	1.08932	0.000000	4	20
KY_RS	04/20/2021	22	143,888.31	1.07159	0.000000	4	20
KY_RS	04/20/2021	23	132,267.94	0.98505	0.000000	4	20
KY_RS	04/20/2021	24	120,030.95	0.89392	0.000000	4	20
KY_RS	04/21/2021	1	112,511.89	0.83792	0.000000	4	21
KY_RS	04/21/2021	2	112,454.17	0.83749	0.000000	4	21
KY_RS	04/21/2021	3	114,923.86	0.85588	0.000000	4	21
KY_RS	04/21/2021	4	118,167.96	0.88004	0.000000	4	21
KY_RS	04/21/2021	5	125,008.47	0.93099	0.000000	4	21
KY_RS	04/21/2021	6	137,745.87	1.02585	0.000000	4	21
KY_RS	04/21/2021	7	158,308.86	1.17899	0.000000	4	21
KY_RS	04/21/2021	8	171,990.86	1.28088	0.186496	4	21
KY_RS	04/21/2021	9	169,730.63	1.26405	0.481816	4	21
KY_RS	04/21/2021	10	163,784.85	1.21977	1.042910	4	21
KY_RS	04/21/2021	11	154,580.58	1.15122	3.741175	4	21
KY_RS	04/21/2021	12	150,006.28	1.11715	4.482549	4	21
KY_RS	04/21/2021	13	149,189.74	1.11107	4.891859	4	21
KY_RS	04/21/2021	14	145,319.95	1.08225	5.024510	4	21
KY_RS	04/21/2021	15	143,629.03	1.06966	2.429427	4	21

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	04/21/2021	16	144,634.72	1.07715	1.279638	4	21
KY_RS	04/21/2021	17	154,585.84	1.15126	2.569455	4	21
KY_RS	04/21/2021	18	171,441.54	1.27679	1.141271	4	21
KY_RS	04/21/2021	19	166,159.85	1.23745	0.738329	4	21
KY_RS	04/21/2021	20	169,787.45	1.26447	0.344698	4	21
KY_RS	04/21/2021	21	181,950.29	1.35505	0.000000	4	21
KY_RS	04/21/2021	22	181,629.70	1.35266	0.000000	4	21
KY_RS	04/21/2021	23	167,468.96	1.2472	0.000000	4	21
KY_RS	04/21/2021	24	153,271.35	1.14147	0.000000	4	21
KY_RS	04/22/2021	1	145,428.14	1.08306	0.000000	4	22
KY_RS	04/22/2021	2	142,746.47	1.06309	0.000000	4	22
KY_RS	04/22/2021	3	142,685.90	1.06264	0.000000	4	22
KY_RS	04/22/2021	4	142,461.12	1.06096	0.000000	4	22
KY_RS	04/22/2021	5	145,528.82	1.08381	0.000000	4	22
KY_RS	04/22/2021	6	154,907.94	1.15366	0.000000	4	22
KY_RS	04/22/2021	7	171,089.22	1.27417	0.000000	4	22
KY_RS	04/22/2021	8	178,002.32	1.32565	0.186146	4	22
KY_RS	04/22/2021	9	170,663.26	1.27099	1.263962	4	22
KY_RS	04/22/2021	10	157,052.72	1.16963	2.637008	4	22
KY_RS	04/22/2021	11	143,881.36	1.07154	3.658724	4	22
KY_RS	04/22/2021	12	140,642.61	1.04742	4.431879	4	22
KY_RS	04/22/2021	13	141,365.44	1.0528	4.845930	4	22
KY_RS	04/22/2021	14	135,344.17	1.00796	5.002468	4	22
KY_RS	04/22/2021	15	129,853.23	0.96707	3.076810	4	22
KY_RS	04/22/2021	16	127,765.18	0.95152	2.852023	4	22
KY_RS	04/22/2021	17	131,513.02	0.97943	3.066414	4	22
KY_RS	04/22/2021	18	138,221.61	1.02939	1.862630	4	22
KY_RS	04/22/2021	19	141,311.55	1.0524	1.320025	4	22
KY_RS	04/22/2021	20	146,525.82	1.09123	0.329251	4	22
KY_RS	04/22/2021	21	158,186.83	1.17808	0.000000	4	22
KY_RS	04/22/2021	22	160,770.75	1.19732	0.000000	4	22
KY_RS	04/22/2021	23	150,134.12	1.11811	0.000000	4	22
KY_RS	04/22/2021	24	137,221.31	1.02194	0.000000	4	22

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	04/23/2021	1	128,754.08	0.95888	0.000000	4	23
KY_RS	04/23/2021	2	125,910.91	0.93771	0.000000	4	23
KY_RS	04/23/2021	3	126,538.19	0.94238	0.000000	4	23
KY_RS	04/23/2021	4	129,343.45	0.96327	0.000000	4	23
KY_RS	04/23/2021	5	134,439.88	1.00122	0.000000	4	23
KY_RS	04/23/2021	6	146,221.65	1.08897	0.000000	4	23
KY_RS	04/23/2021	7	164,093.79	1.22207	0.000000	4	23
KY_RS	04/23/2021	8	171,894.65	1.28016	0.169413	4	23
KY_RS	04/23/2021	9	164,789.03	1.22725	1.242798	4	23
KY_RS	04/23/2021	10	154,367.42	1.14963	2.570198	4	23
KY_RS	04/23/2021	11	143,410.29	1.06803	3.578402	4	23
KY_RS	04/23/2021	12	135,374.59	1.00819	4.302357	4	23
KY_RS	04/23/2021	13	132,077.64	0.98363	4.751624	4	23
KY_RS	04/23/2021	14	126,972.05	0.94561	4.905141	4	23
KY_RS	04/23/2021	15	120,178.95	0.89502	4.761677	4	23
KY_RS	04/23/2021	16	117,277.89	0.87341	4.374488	4	23
KY_RS	04/23/2021	17	120,607.80	0.89821	3.711879	4	23
KY_RS	04/23/2021	18	125,625.03	0.93558	2.772026	4	23
KY_RS	04/23/2021	19	126,776.02	0.94415	1.507085	4	23
KY_RS	04/23/2021	20	129,246.11	0.96254	0.339277	4	23
KY_RS	04/23/2021	21	134,520.67	1.00183	0.000000	4	23
KY_RS	04/23/2021	22	134,464.52	1.00141	0.000000	4	23
KY_RS	04/23/2021	23	127,101.58	0.94657	0.000000	4	23
KY_RS	04/23/2021	24	117,119.24	0.87223	0.000000	4	23
KY_RS	04/24/2021	1	108,092.21	0.805	0.000000	4	24
KY_RS	04/24/2021	2	102,108.95	0.76044	0.000000	4	24
KY_RS	04/24/2021	3	99,006.62	0.73734	0.000000	4	24
KY_RS	04/24/2021	4	98,859.60	0.73624	0.000000	4	24
KY_RS	04/24/2021	5	100,116.35	0.7456	0.000000	4	24
KY_RS	04/24/2021	6	104,727.34	0.77994	0.000000	4	24
KY_RS	04/24/2021	7	110,144.81	0.82029	0.000000	4	24
KY_RS	04/24/2021	8	121,287.30	0.90327	0.222828	4	24
KY_RS	04/24/2021	9	133,963.81	0.99768	0.998113	4	24

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	04/24/2021	10	142,182.70	1.05889	2.610725	4	24
KY_RS	04/24/2021	11	146,102.35	1.08808	3.639060	4	24
KY_RS	04/24/2021	12	148,947.54	1.10927	4.359185	4	24
KY_RS	04/24/2021	13	150,380.43	1.11994	4.770734	4	24
KY_RS	04/24/2021	14	147,988.16	1.10212	4.299223	4	24
KY_RS	04/24/2021	15	148,262.40	1.10417	3.767322	4	24
KY_RS	04/24/2021	16	147,975.98	1.10203	2.003000	4	24
KY_RS	04/24/2021	17	149,448.13	1.113	3.058485	4	24
KY_RS	04/24/2021	18	152,560.15	1.13617	1.769190	4	24
KY_RS	04/24/2021	19	152,553.92	1.13613	1.145342	4	24
KY_RS	04/24/2021	20	150,687.00	1.12222	0.281767	4	24
KY_RS	04/24/2021	21	150,779.74	1.12291	0.000000	4	24
KY_RS	04/24/2021	22	146,966.60	1.09452	0.000000	4	24
KY_RS	04/24/2021	23	136,863.63	1.01927	0.000000	4	24
KY_RS	04/24/2021	24	124,399.01	0.92645	0.000000	4	24
KY_RS	04/25/2021	1	113,472.75	0.84507	0.000000	4	25
KY_RS	04/25/2021	2	105,684.51	0.78707	0.000000	4	25
KY_RS	04/25/2021	3	100,644.08	0.74953	0.000000	4	25
KY_RS	04/25/2021	4	99,947.43	0.74435	0.000000	4	25
KY_RS	04/25/2021	5	101,653.49	0.75705	0.000000	4	25
KY_RS	04/25/2021	6	105,612.93	0.78654	0.000000	4	25
KY_RS	04/25/2021	7	110,704.00	0.82445	0.000000	4	25
KY_RS	04/25/2021	8	121,218.01	0.90276	0.186751	4	25
KY_RS	04/25/2021	9	134,686.16	1.00306	1.026781	4	25
KY_RS	04/25/2021	10	145,163.88	1.08109	2.554487	4	25
KY_RS	04/25/2021	11	151,533.73	1.12853	3.549486	4	25
KY_RS	04/25/2021	12	154,903.41	1.15362	4.278386	4	25
KY_RS	04/25/2021	13	149,844.41	1.11595	4.697084	4	25
KY_RS	04/25/2021	14	140,639.47	1.04739	4.887429	4	25
KY_RS	04/25/2021	15	134,045.94	0.99829	4.729501	4	25
KY_RS	04/25/2021	16	129,805.64	0.96671	2.344107	4	25
KY_RS	04/25/2021	17	130,724.63	0.97356	2.774692	4	25
KY_RS	04/25/2021	18	136,415.56	1.01594	2.016719	4	25

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	04/25/2021	19	140,719.21	1.04799	1.458303	4	25
KY_RS	04/25/2021	20	144,535.66	1.07641	0.355070	4	25
KY_RS	04/25/2021	21	152,718.31	1.13735	0.000000	4	25
KY_RS	04/25/2021	22	151,276.76	1.12661	0.000000	4	25
KY_RS	04/25/2021	23	133,548.85	0.99459	0.000000	4	25
KY_RS	04/25/2021	24	114,008.70	0.84907	0.000000	4	25
KY_RS	04/26/2021	1	101,348.70	0.75478	0.000000	4	26
KY_RS	04/26/2021	2	95,701.06	0.71272	0.000000	4	26
KY_RS	04/26/2021	3	94,328.28	0.7025	0.000000	4	26
KY_RS	04/26/2021	4	96,332.68	0.71743	0.000000	4	26
KY_RS	04/26/2021	5	101,788.00	0.75805	0.000000	4	26
KY_RS	04/26/2021	6	113,148.56	0.84266	0.000000	4	26
KY_RS	04/26/2021	7	133,060.54	0.99095	0.000000	4	26
KY_RS	04/26/2021	8	141,745.66	1.05563	0.191372	4	26
KY_RS	04/26/2021	9	129,879.93	0.96726	0.155422	4	26
KY_RS	04/26/2021	10	120,845.52	0.89998	0.727254	4	26
KY_RS	04/26/2021	11	114,966.49	0.8562	1.386118	4	26
KY_RS	04/26/2021	12	111,459.22	0.83008	4.094616	4	26
KY_RS	04/26/2021	13	109,604.79	0.81627	5.054096	4	26
KY_RS	04/26/2021	14	106,490.62	0.79308	5.208272	4	26
KY_RS	04/26/2021	15	105,328.85	0.78442	5.061272	4	26
KY_RS	04/26/2021	16	109,163.79	0.81298	4.643527	4	26
KY_RS	04/26/2021	17	119,045.47	0.88658	3.933259	4	26
KY_RS	04/26/2021	18	131,897.10	0.98229	2.911182	4	26
KY_RS	04/26/2021	19	139,758.49	1.04083	1.580553	4	26
KY_RS	04/26/2021	20	142,757.02	1.06317	0.394064	4	26
KY_RS	04/26/2021	21	148,540.42	1.10624	0.000000	4	26
KY_RS	04/26/2021	22	147,719.13	1.10012	0.000000	4	26
KY_RS	04/26/2021	23	129,549.28	0.9648	0.000000	4	26
KY_RS	04/26/2021	24	107,987.53	0.80422	0.000000	4	26
KY_RS	04/27/2021	1	91,438.83	0.68098	0.000000	4	27
KY_RS	04/27/2021	2	81,790.15	0.60912	0.000000	4	27
KY_RS	04/27/2021	3	76,402.19	0.569	0.000000	4	27

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	04/27/2021	4	74,069.97	0.55163	0.000000	4	27
KY_RS	04/27/2021	5	75,343.32	0.56111	0.000000	4	27
KY_RS	04/27/2021	6	82,334.24	0.61317	0.000000	4	27
KY_RS	04/27/2021	7	98,202.45	0.73135	0.000000	4	27
KY_RS	04/27/2021	8	105,967.67	0.78918	0.253592	4	27
KY_RS	04/27/2021	9	103,493.56	0.77076	1.374170	4	27
KY_RS	04/27/2021	10	103,135.45	0.76809	2.017880	4	27
KY_RS	04/27/2021	11	104,953.27	0.78163	3.132200	4	27
KY_RS	04/27/2021	12	108,238.60	0.80609	3.915316	4	27
KY_RS	04/27/2021	13	112,568.09	0.83834	4.001861	4	27
KY_RS	04/27/2021	14	115,732.28	0.8619	3.840831	4	27
KY_RS	04/27/2021	15	120,399.24	0.89666	3.342778	4	27
KY_RS	04/27/2021	16	130,785.18	0.97401	3.012848	4	27
KY_RS	04/27/2021	17	146,098.94	1.08805	1.414042	4	27
KY_RS	04/27/2021	18	160,817.19	1.19767	1.048592	4	27
KY_RS	04/27/2021	19	166,118.16	1.23714	0.763075	4	27
KY_RS	04/27/2021	20	166,703.53	1.2415	0.067323	4	27
KY_RS	04/27/2021	21	170,961.10	1.27321	0.000000	4	27
KY_RS	04/27/2021	22	169,993.65	1.26601	0.000000	4	27
KY_RS	04/27/2021	23	151,241.93	1.12636	0.000000	4	27
KY_RS	04/27/2021	24	128,593.83	0.95769	0.000000	4	27
KY_RS	04/28/2021	1	109,734.92	0.81724	0.000000	4	28
KY_RS	04/28/2021	2	97,139.85	0.72344	0.000000	4	28
KY_RS	04/28/2021	3	89,394.26	0.66575	0.000000	4	28
KY_RS	04/28/2021	4	85,125.14	0.63396	0.000000	4	28
KY_RS	04/28/2021	5	84,471.83	0.62909	0.000000	4	28
KY_RS	04/28/2021	6	88,807.08	0.66138	0.000000	4	28
KY_RS	04/28/2021	7	101,583.87	0.75653	0.000000	4	28
KY_RS	04/28/2021	8	110,292.55	0.82139	0.084985	4	28
KY_RS	04/28/2021	9	108,685.92	0.80942	0.356085	4	28
KY_RS	04/28/2021	10	109,730.32	0.8172	1.026868	4	28
KY_RS	04/28/2021	11	115,048.92	0.85681	2.624177	4	28
KY_RS	04/28/2021	12	123,684.81	0.92113	3.428989	4	28

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	04/28/2021	13	133,104.29	0.99128	3.256825	4	28
KY_RS	04/28/2021	14	138,512.95	1.03156	4.515993	4	28
KY_RS	04/28/2021	15	147,594.26	1.09919	4.046186	4	28
KY_RS	04/28/2021	16	162,815.70	1.21255	0.603450	4	28
KY_RS	04/28/2021	17	174,361.04	1.29853	2.213970	4	28
KY_RS	04/28/2021	18	186,044.33	1.38554	0.515091	4	28
KY_RS	04/28/2021	19	185,769.93	1.3835	0.110020	4	28
KY_RS	04/28/2021	20	180,096.04	1.34124	0.022632	4	28
KY_RS	04/28/2021	21	177,781.51	1.32401	0.000000	4	28
KY_RS	04/28/2021	22	171,352.79	1.27613	0.000000	4	28
KY_RS	04/28/2021	23	153,377.77	1.14226	0.000000	4	28
KY_RS	04/28/2021	24	131,338.98	0.97813	0.000000	4	28
KY_RS	04/29/2021	1	113,236.62	0.84332	0.000000	4	29
KY_RS	04/29/2021	2	101,152.23	0.75332	0.000000	4	29
KY_RS	04/29/2021	3	93,730.32	0.69804	0.000000	4	29
KY_RS	04/29/2021	4	89,210.44	0.66438	0.000000	4	29
KY_RS	04/29/2021	5	88,215.79	0.65698	0.000000	4	29
KY_RS	04/29/2021	6	93,077.03	0.69318	0.000000	4	29
KY_RS	04/29/2021	7	105,814.69	0.78804	0.000000	4	29
KY_RS	04/29/2021	8	114,797.28	0.85494	0.311625	4	29
KY_RS	04/29/2021	9	114,365.63	0.85172	0.095221	4	29
KY_RS	04/29/2021	10	115,348.01	0.85904	0.332472	4	29
KY_RS	04/29/2021	11	117,893.62	0.878	0.522178	4	29
KY_RS	04/29/2021	12	121,600.99	0.90561	1.725346	4	29
KY_RS	04/29/2021	13	125,854.54	0.93729	1.639984	4	29
KY_RS	04/29/2021	14	125,785.94	0.93678	4.341418	4	29
KY_RS	04/29/2021	15	122,816.54	0.91466	1.679858	4	29
KY_RS	04/29/2021	16	126,691.74	0.94352	1.215657	4	29
KY_RS	04/29/2021	17	135,879.65	1.01195	2.774090	4	29
KY_RS	04/29/2021	18	147,998.60	1.1022	2.253386	4	29
KY_RS	04/29/2021	19	151,334.47	1.12704	1.018663	4	29
KY_RS	04/29/2021	20	150,622.65	1.12174	0.328341	4	29
KY_RS	04/29/2021	21	149,995.82	1.11708	0.000000	4	29

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	04/29/2021	22	145,414.85	1.08296	0.000000	4	29
KY_RS	04/29/2021	23	128,799.07	0.95922	0.000000	4	29
KY_RS	04/29/2021	24	108,497.12	0.80802	0.000000	4	29
KY_RS	04/30/2021	1	92,602.36	0.68964	0.000000	4	30
KY_RS	04/30/2021	2	82,773.30	0.61644	0.000000	4	30
KY_RS	04/30/2021	3	77,779.59	0.57925	0.000000	4	30
KY_RS	04/30/2021	4	75,819.00	0.56465	0.000000	4	30
KY_RS	04/30/2021	5	76,907.36	0.57276	0.000000	4	30
KY_RS	04/30/2021	6	83,309.05	0.62043	0.000000	4	30
KY_RS	04/30/2021	7	98,177.10	0.73116	0.000000	4	30
KY_RS	04/30/2021	8	107,630.05	0.80156	0.304824	4	30
KY_RS	04/30/2021	9	106,761.47	0.79509	1.411611	4	30
KY_RS	04/30/2021	10	106,989.84	0.79679	2.752844	4	30
KY_RS	04/30/2021	11	107,432.60	0.80009	3.783126	4	30
KY_RS	04/30/2021	12	108,242.86	0.80613	4.521677	4	30
KY_RS	04/30/2021	13	108,225.50	0.806	4.944442	4	30
KY_RS	04/30/2021	14	108,850.17	0.81065	5.081596	4	30
KY_RS	04/30/2021	15	110,174.06	0.82051	4.892330	4	30
KY_RS	04/30/2021	16	113,529.60	0.8455	1.965201	4	30
KY_RS	04/30/2021	17	121,324.22	0.90355	1.997006	4	30
KY_RS	04/30/2021	18	128,836.76	0.9595	1.861538	4	30
KY_RS	04/30/2021	19	129,975.76	0.96798	1.544056	4	30
KY_RS	04/30/2021	20	127,480.32	0.94939	0.310272	4	30
KY_RS	04/30/2021	21	127,106.64	0.94661	0.000000	4	30
KY_RS	04/30/2021	22	127,930.24	0.95274	0.000000	4	30
KY_RS	04/30/2021	23	120,237.99	0.89546	0.000000	4	30
KY_RS	04/30/2021	24	108,296.67	0.80653	0.000000	4	30
KY_RS	05/01/2021	1	96,571.19	0.7192	0.000000	5	1
KY_RS	05/01/2021	2	89,357.41	0.66548	0.000000	5	1
KY_RS	05/01/2021	3	85,859.98	0.63943	0.000000	5	1
KY_RS	05/01/2021	4	85,600.01	0.6375	0.000000	5	1
KY_RS	05/01/2021	5	87,485.18	0.65154	0.000000	5	1
KY_RS	05/01/2021	6	91,809.53	0.68374	0.000000	5	1

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	05/01/2021	7	101,735.40	0.75766	0.000000	5	1
KY_RS	05/01/2021	8	117,504.16	0.8751	0.045424	5	1
KY_RS	05/01/2021	9	127,229.89	0.94753	0.210157	5	1
KY_RS	05/01/2021	10	130,581.20	0.97249	1.010760	5	1
KY_RS	05/01/2021	11	129,546.92	0.96478	3.092831	5	1
KY_RS	05/01/2021	12	127,124.43	0.94674	3.833326	5	1
KY_RS	05/01/2021	13	123,016.95	0.91615	5.201007	5	1
KY_RS	05/01/2021	14	119,688.94	0.89137	5.342238	5	1
KY_RS	05/01/2021	15	117,254.83	0.87324	3.910449	5	1
KY_RS	05/01/2021	16	117,794.77	0.87726	2.624375	5	1
KY_RS	05/01/2021	17	120,060.28	0.89413	4.042499	5	1
KY_RS	05/01/2021	18	124,051.24	0.92386	2.074395	5	1
KY_RS	05/01/2021	19	125,212.12	0.9325	0.580639	5	1
KY_RS	05/01/2021	20	125,112.98	0.93176	0.203446	5	1
KY_RS	05/01/2021	21	126,859.50	0.94477	0.000000	5	1
KY_RS	05/01/2021	22	128,430.56	0.95647	0.000000	5	1
KY_RS	05/01/2021	23	120,357.68	0.89635	0.000000	5	1
KY_RS	05/01/2021	24	107,317.37	0.79923	0.000000	5	1
KY_RS	05/02/2021	1	94,872.76	0.70655	0.000000	5	2
KY_RS	05/02/2021	2	85,241.63	0.63483	0.000000	5	2
KY_RS	05/02/2021	3	78,843.09	0.58717	0.000000	5	2
KY_RS	05/02/2021	4	75,267.50	0.56055	0.000000	5	2
KY_RS	05/02/2021	5	73,921.01	0.55052	0.000000	5	2
KY_RS	05/02/2021	6	74,940.81	0.55811	0.000000	5	2
KY_RS	05/02/2021	7	78,777.86	0.58669	0.000000	5	2
KY_RS	05/02/2021	8	88,345.93	0.65795	0.269403	5	2
KY_RS	05/02/2021	9	102,064.77	0.76011	1.526774	5	2
KY_RS	05/02/2021	10	115,081.83	0.85706	2.976614	5	2
KY_RS	05/02/2021	11	125,400.43	0.9339	4.034733	5	2
KY_RS	05/02/2021	12	133,062.48	0.99097	3.540221	5	2
KY_RS	05/02/2021	13	140,365.30	1.04535	3.882818	5	2
KY_RS	05/02/2021	14	144,024.71	1.07261	3.590184	5	2
KY_RS	05/02/2021	15	147,484.54	1.09837	4.268586	5	2

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	05/02/2021	16	149,441.32	1.11295	3.768481	5	2
KY_RS	05/02/2021	17	153,759.91	1.14511	4.056578	5	2
KY_RS	05/02/2021	18	160,383.50	1.19444	1.712169	5	2
KY_RS	05/02/2021	19	164,640.89	1.22614	1.690668	5	2
KY_RS	05/02/2021	20	165,494.08	1.2325	0.414945	5	2
KY_RS	05/02/2021	21	164,732.69	1.22683	0.000000	5	2
KY_RS	05/02/2021	22	156,314.20	1.16413	0.000000	5	2
KY_RS	05/02/2021	23	135,942.48	1.01241	0.000000	5	2
KY_RS	05/02/2021	24	112,342.38	0.83666	0.000000	5	2
KY_RS	05/03/2021	1	95,150.90	0.70862	0.000000	5	3
KY_RS	05/03/2021	2	84,905.47	0.63232	0.000000	5	3
KY_RS	05/03/2021	3	78,718.90	0.58625	0.000000	5	3
KY_RS	05/03/2021	4	76,057.02	0.56643	0.000000	5	3
KY_RS	05/03/2021	5	76,427.34	0.56918	0.000000	5	3
KY_RS	05/03/2021	6	82,323.67	0.6131	0.000000	5	3
KY_RS	05/03/2021	7	96,569.81	0.71919	0.000000	5	3
KY_RS	05/03/2021	8	105,220.57	0.78362	0.268386	5	3
KY_RS	05/03/2021	9	104,849.89	0.78086	1.540063	5	3
KY_RS	05/03/2021	10	106,408.94	0.79247	2.976955	5	3
KY_RS	05/03/2021	11	109,798.53	0.81771	4.008390	5	3
KY_RS	05/03/2021	12	114,060.66	0.84945	3.507436	5	3
KY_RS	05/03/2021	13	119,990.87	0.89362	3.874162	5	3
KY_RS	05/03/2021	14	122,487.05	0.91221	4.562855	5	3
KY_RS	05/03/2021	15	127,812.07	0.95186	2.945130	5	3
KY_RS	05/03/2021	16	135,346.83	1.00798	2.882211	5	3
KY_RS	05/03/2021	17	150,565.46	1.12132	1.096275	5	3
KY_RS	05/03/2021	18	164,796.70	1.2273	0.712405	5	3
KY_RS	05/03/2021	19	172,649.46	1.28579	0.718609	5	3
KY_RS	05/03/2021	20	172,763.25	1.28663	0.258552	5	3
KY_RS	05/03/2021	21	172,783.64	1.28678	0.000000	5	3
KY_RS	05/03/2021	22	169,202.61	1.26012	0.000000	5	3
KY_RS	05/03/2021	23	150,343.10	1.11966	0.000000	5	3
KY_RS	05/03/2021	24	125,518.43	0.93478	0.000000	5	3

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	05/04/2021	1	105,720.34	0.78734	0.000000	5	4
KY_RS	05/04/2021	2	93,175.60	0.69391	0.000000	5	4
KY_RS	05/04/2021	3	86,302.83	0.64273	0.000000	5	4
KY_RS	05/04/2021	4	81,930.11	0.61016	0.000000	5	4
KY_RS	05/04/2021	5	81,282.79	0.60534	0.000000	5	4
KY_RS	05/04/2021	6	86,810.54	0.64651	0.000000	5	4
KY_RS	05/04/2021	7	100,559.09	0.7489	0.000000	5	4
KY_RS	05/04/2021	8	109,003.58	0.81179	0.058459	5	4
KY_RS	05/04/2021	9	108,679.87	0.80938	0.229766	5	4
KY_RS	05/04/2021	10	111,220.84	0.8283	0.372963	5	4
KY_RS	05/04/2021	11	113,443.18	0.84485	0.660007	5	4
KY_RS	05/04/2021	12	116,709.91	0.86918	0.609524	5	4
KY_RS	05/04/2021	13	121,540.09	0.90515	1.015953	5	4
KY_RS	05/04/2021	14	122,124.82	0.90951	0.985746	5	4
KY_RS	05/04/2021	15	124,295.26	0.92567	0.898850	5	4
KY_RS	05/04/2021	16	133,033.23	0.99075	0.655062	5	4
KY_RS	05/04/2021	17	147,720.06	1.10013	0.555510	5	4
KY_RS	05/04/2021	18	158,599.10	1.18115	0.474019	5	4
KY_RS	05/04/2021	19	162,959.12	1.21362	0.289457	5	4
KY_RS	05/04/2021	20	160,958.09	1.19872	0.099132	5	4
KY_RS	05/04/2021	21	158,238.14	1.17846	0.000000	5	4
KY_RS	05/04/2021	22	149,986.63	1.11701	0.000000	5	4
KY_RS	05/04/2021	23	130,932.85	0.97511	0.000000	5	4
KY_RS	05/04/2021	24	109,693.16	0.81693	0.000000	5	4
KY_RS	05/05/2021	1	93,767.86	0.69832	0.000000	5	5
KY_RS	05/05/2021	2	84,022.10	0.62574	0.000000	5	5
KY_RS	05/05/2021	3	78,122.60	0.58181	0.000000	5	5
KY_RS	05/05/2021	4	75,717.62	0.5639	0.000000	5	5
KY_RS	05/05/2021	5	76,341.39	0.56854	0.000000	5	5
KY_RS	05/05/2021	6	82,945.57	0.61773	0.000000	5	5
KY_RS	05/05/2021	7	97,448.53	0.72574	0.000000	5	5
KY_RS	05/05/2021	8	106,688.50	0.79455	0.292455	5	5
KY_RS	05/05/2021	9	106,620.14	0.79404	1.029932	5	5

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	05/05/2021	10	107,529.17	0.80081	0.086810	5	5
KY_RS	05/05/2021	11	109,558.93	0.81593	0.053550	5	5
KY_RS	05/05/2021	12	109,180.61	0.81311	0.798024	5	5
KY_RS	05/05/2021	13	109,148.29	0.81287	0.938945	5	5
KY_RS	05/05/2021	14	106,779.72	0.79523	0.939516	5	5
KY_RS	05/05/2021	15	106,095.27	0.79013	0.645589	5	5
KY_RS	05/05/2021	16	108,865.87	0.81077	1.170489	5	5
KY_RS	05/05/2021	17	116,529.95	0.86784	1.338568	5	5
KY_RS	05/05/2021	18	127,769.35	0.95155	0.408858	5	5
KY_RS	05/05/2021	19	133,274.74	0.99255	0.782277	5	5
KY_RS	05/05/2021	20	135,412.56	1.00847	0.300269	5	5
KY_RS	05/05/2021	21	138,429.25	1.03093	0.000000	5	5
KY_RS	05/05/2021	22	139,265.56	1.03716	0.000000	5	5
KY_RS	05/05/2021	23	125,405.02	0.93394	0.000000	5	5
KY_RS	05/05/2021	24	106,958.21	0.79656	0.000000	5	5
KY_RS	05/06/2021	1	93,365.22	0.69533	0.000000	5	6
KY_RS	05/06/2021	2	86,517.78	0.64433	0.000000	5	6
KY_RS	05/06/2021	3	83,542.93	0.62218	0.000000	5	6
KY_RS	05/06/2021	4	83,724.28	0.62353	0.000000	5	6
KY_RS	05/06/2021	5	87,165.74	0.64916	0.000000	5	6
KY_RS	05/06/2021	6	97,228.42	0.7241	0.000000	5	6
KY_RS	05/06/2021	7	116,574.05	0.86817	0.000000	5	6
KY_RS	05/06/2021	8	125,944.44	0.93796	0.308933	5	6
KY_RS	05/06/2021	9	119,708.13	0.89151	1.078778	5	6
KY_RS	05/06/2021	10	114,013.57	0.8491	1.803239	5	6
KY_RS	05/06/2021	11	109,892.86	0.81841	3.274350	5	6
KY_RS	05/06/2021	12	107,157.12	0.79804	4.690724	5	6
KY_RS	05/06/2021	13	105,637.55	0.78672	3.621904	5	6
KY_RS	05/06/2021	14	103,487.48	0.77071	3.427611	5	6
KY_RS	05/06/2021	15	101,651.85	0.75704	4.043550	5	6
KY_RS	05/06/2021	16	105,656.35	0.78686	3.646654	5	6
KY_RS	05/06/2021	17	114,129.72	0.84997	2.256497	5	6
KY_RS	05/06/2021	18	125,094.17	0.93162	0.487821	5	6

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	05/06/2021	19	130,435.16	0.9714	1.714192	5	6
KY_RS	05/06/2021	20	136,560.18	1.01701	0.438784	5	6
KY_RS	05/06/2021	21	142,156.57	1.05869	0.000000	5	6
KY_RS	05/06/2021	22	137,373.19	1.02307	0.000000	5	6
KY_RS	05/06/2021	23	122,887.40	0.91519	0.000000	5	6
KY_RS	05/06/2021	24	105,078.21	0.78256	0.000000	5	6
KY_RS	05/07/2021	1	92,814.77	0.69123	0.000000	5	7
KY_RS	05/07/2021	2	86,086.53	0.64112	0.000000	5	7
KY_RS	05/07/2021	3	82,807.90	0.6167	0.000000	5	7
KY_RS	05/07/2021	4	82,457.90	0.6141	0.000000	5	7
KY_RS	05/07/2021	5	85,562.53	0.63722	0.000000	5	7
KY_RS	05/07/2021	6	94,386.35	0.70293	0.000000	5	7
KY_RS	05/07/2021	7	112,286.89	0.83624	0.000000	5	7
KY_RS	05/07/2021	8	122,067.68	0.90908	0.307364	5	7
KY_RS	05/07/2021	9	119,022.79	0.88641	1.640423	5	7
KY_RS	05/07/2021	10	116,086.43	0.86454	3.089040	5	7
KY_RS	05/07/2021	11	112,390.72	0.83702	4.133584	5	7
KY_RS	05/07/2021	12	110,101.27	0.81997	4.883997	5	7
KY_RS	05/07/2021	13	108,629.42	0.809	5.332064	5	7
KY_RS	05/07/2021	14	106,250.16	0.79128	5.455637	5	7
KY_RS	05/07/2021	15	104,846.24	0.78083	5.304549	5	7
KY_RS	05/07/2021	16	107,561.35	0.80105	4.888249	5	7
KY_RS	05/07/2021	17	114,255.25	0.8509	4.189302	5	7
KY_RS	05/07/2021	18	119,816.48	0.89232	3.182909	5	7
KY_RS	05/07/2021	19	125,317.63	0.93329	1.809268	5	7
KY_RS	05/07/2021	20	129,685.67	0.96582	0.439665	5	7
KY_RS	05/07/2021	21	130,996.45	0.97558	0.000000	5	7
KY_RS	05/07/2021	22	129,573.84	0.96499	0.000000	5	7
KY_RS	05/07/2021	23	121,892.69	0.90778	0.000000	5	7
KY_RS	05/07/2021	24	110,941.39	0.82622	0.000000	5	7
KY_RS	05/08/2021	1	99,816.99	0.74337	0.000000	5	8
KY_RS	05/08/2021	2	93,314.60	0.69495	0.000000	5	8
KY_RS	05/08/2021	3	90,945.71	0.67731	0.000000	5	8

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	05/08/2021	4	91,365.98	0.68044	0.000000	5	8
KY_RS	05/08/2021	5	93,551.44	0.69671	0.000000	5	8
KY_RS	05/08/2021	6	99,129.95	0.73826	0.000000	5	8
KY_RS	05/08/2021	7	109,474.18	0.8153	0.000000	5	8
KY_RS	05/08/2021	8	123,004.38	0.91606	0.318557	5	8
KY_RS	05/08/2021	9	132,036.98	0.98333	1.704635	5	8
KY_RS	05/08/2021	10	135,668.53	1.01037	3.146985	5	8
KY_RS	05/08/2021	11	135,490.23	1.00905	4.174460	5	8
KY_RS	05/08/2021	12	132,969.11	0.99027	4.877787	5	8
KY_RS	05/08/2021	13	128,343.51	0.95582	5.260746	5	8
KY_RS	05/08/2021	14	122,968.18	0.91579	5.351174	5	8
KY_RS	05/08/2021	15	118,846.04	0.88509	5.170513	5	8
KY_RS	05/08/2021	16	116,684.09	0.86899	4.727644	5	8
KY_RS	05/08/2021	17	117,341.23	0.87388	4.011040	5	8
KY_RS	05/08/2021	18	120,570.43	0.89793	2.985312	5	8
KY_RS	05/08/2021	19	122,003.68	0.90861	0.950914	5	8
KY_RS	05/08/2021	20	122,975.71	0.91585	0.355643	5	8
KY_RS	05/08/2021	21	128,406.87	0.95629	0.000000	5	8
KY_RS	05/08/2021	22	128,848.48	0.95958	0.000000	5	8
KY_RS	05/08/2021	23	121,179.54	0.90247	0.000000	5	8
KY_RS	05/08/2021	24	108,954.90	0.81143	0.000000	5	8
KY_RS	05/09/2021	1	97,097.20	0.72312	0.000000	5	9
KY_RS	05/09/2021	2	89,201.44	0.66432	0.000000	5	9
KY_RS	05/09/2021	3	85,376.49	0.63583	0.000000	5	9
KY_RS	05/09/2021	4	83,639.05	0.62289	0.000000	5	9
KY_RS	05/09/2021	5	84,293.78	0.62777	0.000000	5	9
KY_RS	05/09/2021	6	87,332.65	0.6504	0.000000	5	9
KY_RS	05/09/2021	7	93,336.19	0.69511	0.000000	5	9
KY_RS	05/09/2021	8	105,124.95	0.78291	0.037665	5	9
KY_RS	05/09/2021	9	120,975.04	0.90095	0.159137	5	9
KY_RS	05/09/2021	10	135,391.66	1.00831	0.377222	5	9
KY_RS	05/09/2021	11	145,871.09	1.08636	0.486480	5	9
KY_RS	05/09/2021	12	150,976.28	1.12438	0.960539	5	9

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	05/09/2021	13	151,030.18	1.12478	1.544873	5	9
KY_RS	05/09/2021	14	143,261.61	1.06692	0.785550	5	9
KY_RS	05/09/2021	15	138,793.21	1.03365	0.906918	5	9
KY_RS	05/09/2021	16	136,690.33	1.01798	0.784854	5	9
KY_RS	05/09/2021	17	139,085.66	1.03582	1.390807	5	9
KY_RS	05/09/2021	18	144,630.38	1.07712	0.274438	5	9
KY_RS	05/09/2021	19	147,090.01	1.09543	0.073543	5	9
KY_RS	05/09/2021	20	153,306.99	1.14173	0.467234	5	9
KY_RS	05/09/2021	21	159,025.82	1.18433	0.000000	5	9
KY_RS	05/09/2021	22	156,417.73	1.1649	0.000000	5	9
KY_RS	05/09/2021	23	140,513.95	1.04646	0.000000	5	9
KY_RS	05/09/2021	24	122,883.86	0.91516	0.000000	5	9
KY_RS	05/10/2021	1	110,641.87	0.82399	0.000000	5	10
KY_RS	05/10/2021	2	103,204.00	0.7686	0.000000	5	10
KY_RS	05/10/2021	3	100,482.71	0.74833	0.000000	5	10
KY_RS	05/10/2021	4	101,085.54	0.75282	0.000000	5	10
KY_RS	05/10/2021	5	106,180.41	0.79077	0.000000	5	10
KY_RS	05/10/2021	6	117,872.00	0.87784	0.000000	5	10
KY_RS	05/10/2021	7	137,136.57	1.02131	0.000000	5	10
KY_RS	05/10/2021	8	144,496.26	1.07612	0.378319	5	10
KY_RS	05/10/2021	9	136,785.56	1.01869	0.613240	5	10
KY_RS	05/10/2021	10	129,967.87	0.96792	0.655671	5	10
KY_RS	05/10/2021	11	124,079.61	0.92407	3.408403	5	10
KY_RS	05/10/2021	12	120,049.50	0.89405	4.097694	5	10
KY_RS	05/10/2021	13	117,877.91	0.87788	4.497337	5	10
KY_RS	05/10/2021	14	113,057.24	0.84198	4.694498	5	10
KY_RS	05/10/2021	15	109,844.32	0.81805	4.604963	5	10
KY_RS	05/10/2021	16	111,484.42	0.83027	4.230005	5	10
KY_RS	05/10/2021	17	118,896.93	0.88547	2.370592	5	10
KY_RS	05/10/2021	18	130,318.54	0.97053	1.434601	5	10
KY_RS	05/10/2021	19	136,843.44	1.01912	1.494118	5	10
KY_RS	05/10/2021	20	141,092.60	1.05077	0.472678	5	10
KY_RS	05/10/2021	21	145,791.56	1.08576	0.000000	5	10

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	05/10/2021	22	143,122.49	1.06589	0.000000	5	10
KY_RS	05/10/2021	23	126,549.06	0.94246	0.000000	5	10
KY_RS	05/10/2021	24	107,599.76	0.80134	0.000000	5	10
KY_RS	05/11/2021	1	94,591.51	0.70446	0.000000	5	11
KY_RS	05/11/2021	2	88,417.15	0.65848	0.000000	5	11
KY_RS	05/11/2021	3	86,595.06	0.64491	0.000000	5	11
KY_RS	05/11/2021	4	87,255.91	0.64983	0.000000	5	11
KY_RS	05/11/2021	5	90,830.89	0.67645	0.000000	5	11
KY_RS	05/11/2021	6	101,315.56	0.75454	0.000000	5	11
KY_RS	05/11/2021	7	120,546.24	0.89775	0.000000	5	11
KY_RS	05/11/2021	8	127,153.38	0.94696	0.163865	5	11
KY_RS	05/11/2021	9	118,893.58	0.88545	0.504524	5	11
KY_RS	05/11/2021	10	113,850.13	0.84788	1.637815	5	11
KY_RS	05/11/2021	11	110,692.26	0.82437	2.480066	5	11
KY_RS	05/11/2021	12	110,984.66	0.82654	1.694095	5	11
KY_RS	05/11/2021	13	110,264.52	0.82118	0.900469	5	11
KY_RS	05/11/2021	14	106,898.03	0.79611	2.102505	5	11
KY_RS	05/11/2021	15	105,083.51	0.7826	1.264192	5	11
KY_RS	05/11/2021	16	107,299.69	0.7991	2.499634	5	11
KY_RS	05/11/2021	17	115,915.14	0.86326	1.695046	5	11
KY_RS	05/11/2021	18	126,875.08	0.94489	0.377520	5	11
KY_RS	05/11/2021	19	132,711.37	0.98835	0.005275	5	11
KY_RS	05/11/2021	20	138,018.09	1.02787	0.000000	5	11
KY_RS	05/11/2021	21	143,696.94	1.07017	0.000000	5	11
KY_RS	05/11/2021	22	142,712.82	1.06284	0.000000	5	11
KY_RS	05/11/2021	23	128,407.80	0.9563	0.000000	5	11
KY_RS	05/11/2021	24	110,140.08	0.82025	0.000000	5	11
KY_RS	05/12/2021	1	97,901.26	0.72911	0.000000	5	12
KY_RS	05/12/2021	2	92,058.46	0.68559	0.000000	5	12
KY_RS	05/12/2021	3	89,410.14	0.66587	0.000000	5	12
KY_RS	05/12/2021	4	89,673.87	0.66784	0.000000	5	12
KY_RS	05/12/2021	5	93,457.81	0.69602	0.000000	5	12
KY_RS	05/12/2021	6	104,117.98	0.77541	0.000000	5	12

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	05/12/2021	7	123,625.44	0.92069	0.000000	5	12
KY_RS	05/12/2021	8	130,527.84	0.97209	0.149979	5	12
KY_RS	05/12/2021	9	122,783.25	0.91441	0.461536	5	12
KY_RS	05/12/2021	10	116,712.13	0.8692	0.698109	5	12
KY_RS	05/12/2021	11	113,280.55	0.84364	0.999879	5	12
KY_RS	05/12/2021	12	110,571.02	0.82346	0.875475	5	12
KY_RS	05/12/2021	13	109,013.41	0.81186	1.426097	5	12
KY_RS	05/12/2021	14	105,819.35	0.78808	1.624710	5	12
KY_RS	05/12/2021	15	104,269.39	0.77653	2.607531	5	12
KY_RS	05/12/2021	16	106,635.72	0.79416	1.589553	5	12
KY_RS	05/12/2021	17	115,183.32	0.85781	2.335153	5	12
KY_RS	05/12/2021	18	125,627.42	0.93559	1.187873	5	12
KY_RS	05/12/2021	19	131,093.93	0.97631	0.724106	5	12
KY_RS	05/12/2021	20	134,332.12	1.00042	0.292484	5	12
KY_RS	05/12/2021	21	138,778.22	1.03353	0.000000	5	12
KY_RS	05/12/2021	22	140,543.30	1.04668	0.000000	5	12
KY_RS	05/12/2021	23	126,458.25	0.94178	0.000000	5	12
KY_RS	05/12/2021	24	107,743.60	0.80241	0.000000	5	12
KY_RS	05/13/2021	1	94,810.46	0.70609	0.000000	5	13
KY_RS	05/13/2021	2	88,609.49	0.65991	0.000000	5	13
KY_RS	05/13/2021	3	87,032.01	0.64816	0.000000	5	13
KY_RS	05/13/2021	4	88,027.23	0.65557	0.000000	5	13
KY_RS	05/13/2021	5	92,523.22	0.68906	0.000000	5	13
KY_RS	05/13/2021	6	103,606.43	0.7716	0.000000	5	13
KY_RS	05/13/2021	7	123,697.38	0.92122	0.000000	5	13
KY_RS	05/13/2021	8	130,400.98	0.97115	0.363022	5	13
KY_RS	05/13/2021	9	121,186.68	0.90252	1.587702	5	13
KY_RS	05/13/2021	10	114,601.95	0.85348	2.918746	5	13
KY_RS	05/13/2021	11	109,549.51	0.81586	3.891262	5	13
KY_RS	05/13/2021	12	107,277.17	0.79893	4.566344	5	13
KY_RS	05/13/2021	13	106,172.91	0.79071	4.953082	5	13
KY_RS	05/13/2021	14	103,707.93	0.77235	5.062793	5	13
KY_RS	05/13/2021	15	102,701.65	0.76486	4.922223	5	13

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	05/13/2021	16	106,102.66	0.79019	4.538288	5	13
KY_RS	05/13/2021	17	114,809.10	0.85503	3.889846	5	13
KY_RS	05/13/2021	18	125,576.74	0.93522	2.953629	5	13
KY_RS	05/13/2021	19	131,731.14	0.98105	1.703769	5	13
KY_RS	05/13/2021	20	134,644.59	1.00275	0.467756	5	13
KY_RS	05/13/2021	21	138,416.14	1.03084	0.004893	5	13
KY_RS	05/13/2021	22	139,631.24	1.03989	0.000000	5	13
KY_RS	05/13/2021	23	125,220.65	0.93257	0.000000	5	13
KY_RS	05/13/2021	24	106,352.94	0.79205	0.000000	5	13
KY_RS	05/14/2021	1	92,016.66	0.68528	0.000000	5	14
KY_RS	05/14/2021	2	84,912.38	0.63237	0.000000	5	14
KY_RS	05/14/2021	3	82,150.44	0.61181	0.000000	5	14
KY_RS	05/14/2021	4	82,413.73	0.61377	0.000000	5	14
KY_RS	05/14/2021	5	86,340.54	0.64301	0.000000	5	14
KY_RS	05/14/2021	6	96,455.03	0.71834	0.000000	5	14
KY_RS	05/14/2021	7	115,337.99	0.85897	0.000000	5	14
KY_RS	05/14/2021	8	123,210.83	0.9176	0.348536	5	14
KY_RS	05/14/2021	9	116,515.42	0.86773	1.527144	5	14
KY_RS	05/14/2021	10	111,874.79	0.83317	2.818782	5	14
KY_RS	05/14/2021	11	108,837.23	0.81055	3.755970	5	14
KY_RS	05/14/2021	12	107,161.69	0.79807	4.412785	5	14
KY_RS	05/14/2021	13	106,613.08	0.79399	4.802362	5	14
KY_RS	05/14/2021	14	105,710.31	0.78726	4.918097	5	14
KY_RS	05/14/2021	15	106,493.82	0.7931	4.835711	5	14
KY_RS	05/14/2021	16	111,591.84	0.83107	4.448344	5	14
KY_RS	05/14/2021	17	119,097.68	0.88697	3.124500	5	14
KY_RS	05/14/2021	18	126,689.35	0.9435	2.876555	5	14
KY_RS	05/14/2021	19	129,271.49	0.96273	1.566855	5	14
KY_RS	05/14/2021	20	127,923.87	0.9527	0.469821	5	14
KY_RS	05/14/2021	21	127,720.73	0.95118	0.007609	5	14
KY_RS	05/14/2021	22	129,586.59	0.96508	0.000000	5	14
KY_RS	05/14/2021	23	121,505.68	0.9049	0.000000	5	14
KY_RS	05/14/2021	24	107,539.88	0.80089	0.000000	5	14

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	05/15/2021	1	94,395.33	0.703	0.000000	5	15
KY_RS	05/15/2021	2	85,596.42	0.63747	0.000000	5	15
KY_RS	05/15/2021	3	80,673.07	0.6008	0.000000	5	15
KY_RS	05/15/2021	4	79,228.17	0.59004	0.000000	5	15
KY_RS	05/15/2021	5	80,049.39	0.59616	0.000000	5	15
KY_RS	05/15/2021	6	84,237.53	0.62735	0.000000	5	15
KY_RS	05/15/2021	7	92,650.97	0.69001	0.000000	5	15
KY_RS	05/15/2021	8	104,969.30	0.78175	0.361348	5	15
KY_RS	05/15/2021	9	114,482.61	0.8526	1.483882	5	15
KY_RS	05/15/2021	10	118,525.21	0.8827	2.732129	5	15
KY_RS	05/15/2021	11	120,348.37	0.89628	3.668629	5	15
KY_RS	05/15/2021	12	120,444.15	0.89699	4.291797	5	15
KY_RS	05/15/2021	13	120,623.83	0.89833	4.662130	5	15
KY_RS	05/15/2021	14	120,732.41	0.89914	4.773403	5	15
KY_RS	05/15/2021	15	121,979.01	0.90842	4.645186	5	15
KY_RS	05/15/2021	16	125,449.52	0.93427	4.290004	5	15
KY_RS	05/15/2021	17	131,345.55	0.97818	3.672075	5	15
KY_RS	05/15/2021	18	136,362.64	1.01554	2.787305	5	15
KY_RS	05/15/2021	19	135,165.54	1.00663	1.630864	5	15
KY_RS	05/15/2021	20	133,834.25	0.99671	0.463870	5	15
KY_RS	05/15/2021	21	133,831.77	0.9967	0.016960	5	15
KY_RS	05/15/2021	22	133,516.91	0.99435	0.000000	5	15
KY_RS	05/15/2021	23	124,720.86	0.92884	0.000000	5	15
KY_RS	05/15/2021	24	111,570.85	0.83091	0.000000	5	15
KY_RS	05/16/2021	1	97,622.87	0.72703	0.000000	5	16
KY_RS	05/16/2021	2	87,225.74	0.6496	0.000000	5	16
KY_RS	05/16/2021	3	80,374.89	0.59858	0.000000	5	16
KY_RS	05/16/2021	4	76,228.15	0.5677	0.000000	5	16
KY_RS	05/16/2021	5	74,571.21	0.55536	0.000000	5	16
KY_RS	05/16/2021	6	74,806.53	0.55711	0.000000	5	16
KY_RS	05/16/2021	7	78,429.72	0.5841	0.000000	5	16
KY_RS	05/16/2021	8	87,913.55	0.65473	0.355534	5	16
KY_RS	05/16/2021	9	102,349.61	0.76224	1.511755	5	16

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	05/16/2021	10	115,168.84	0.85771	2.766383	5	16
KY_RS	05/16/2021	11	123,794.42	0.92194	3.699120	5	16
KY_RS	05/16/2021	12	129,578.23	0.96502	4.336113	5	16
KY_RS	05/16/2021	13	134,374.10	1.00073	4.720164	5	16
KY_RS	05/16/2021	14	136,941.32	1.01985	4.868438	5	16
KY_RS	05/16/2021	15	139,072.80	1.03573	4.771504	5	16
KY_RS	05/16/2021	16	141,765.91	1.05578	4.413737	5	16
KY_RS	05/16/2021	17	147,777.11	1.10055	3.802531	5	16
KY_RS	05/16/2021	18	154,663.98	1.15184	2.912806	5	16
KY_RS	05/16/2021	19	157,720.96	1.17461	1.695250	5	16
KY_RS	05/16/2021	20	159,996.49	1.19155	0.468676	5	16
KY_RS	05/16/2021	21	161,268.42	1.20103	0.014008	5	16
KY_RS	05/16/2021	22	157,907.20	1.17599	0.000000	5	16
KY_RS	05/16/2021	23	139,505.06	1.03895	0.000000	5	16
KY_RS	05/16/2021	24	115,883.44	0.86303	0.000000	5	16
KY_RS	05/17/2021	1	96,973.98	0.7222	0.000000	5	17
KY_RS	05/17/2021	2	85,696.02	0.63821	0.000000	5	17
KY_RS	05/17/2021	3	79,473.74	0.59187	0.000000	5	17
KY_RS	05/17/2021	4	76,618.56	0.57061	0.000000	5	17
KY_RS	05/17/2021	5	76,724.88	0.5714	0.000000	5	17
KY_RS	05/17/2021	6	83,017.50	0.61826	0.000000	5	17
KY_RS	05/17/2021	7	97,028.53	0.72261	0.000000	5	17
KY_RS	05/17/2021	8	105,925.68	0.78887	0.336087	5	17
KY_RS	05/17/2021	9	106,270.58	0.79144	0.777527	5	17
KY_RS	05/17/2021	10	108,765.58	0.81002	2.411481	5	17
KY_RS	05/17/2021	11	112,562.95	0.8383	2.773530	5	17
KY_RS	05/17/2021	12	116,088.30	0.86455	4.356370	5	17
KY_RS	05/17/2021	13	118,032.46	0.87903	4.757986	5	17
KY_RS	05/17/2021	14	115,634.18	0.86117	3.324123	5	17
KY_RS	05/17/2021	15	114,699.49	0.85421	2.735853	5	17
KY_RS	05/17/2021	16	119,212.67	0.88782	3.010925	5	17
KY_RS	05/17/2021	17	128,774.83	0.95903	3.035753	5	17
KY_RS	05/17/2021	18	142,372.70	1.0603	2.889249	5	17

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	05/17/2021	19	149,136.81	1.11068	1.409336	5	17
KY_RS	05/17/2021	20	149,443.36	1.11296	0.486338	5	17
KY_RS	05/17/2021	21	150,353.82	1.11974	0.013576	5	17
KY_RS	05/17/2021	22	147,549.99	1.09886	0.000000	5	17
KY_RS	05/17/2021	23	131,624.00	0.98025	0.000000	5	17
KY_RS	05/17/2021	24	110,468.48	0.8227	0.000000	5	17
KY_RS	05/18/2021	1	94,180.27	0.7014	0.000000	5	18
KY_RS	05/18/2021	2	84,193.22	0.62702	0.000000	5	18
KY_RS	05/18/2021	3	78,974.50	0.58815	0.000000	5	18
KY_RS	05/18/2021	4	76,278.58	0.56808	0.000000	5	18
KY_RS	05/18/2021	5	76,594.95	0.57043	0.000000	5	18
KY_RS	05/18/2021	6	82,822.34	0.61681	0.000000	5	18
KY_RS	05/18/2021	7	97,400.88	0.72538	0.000000	5	18
KY_RS	05/18/2021	8	105,340.54	0.78451	0.371318	5	18
KY_RS	05/18/2021	9	103,999.80	0.77453	1.069170	5	18
KY_RS	05/18/2021	10	104,949.68	0.7816	0.723280	5	18
KY_RS	05/18/2021	11	106,693.25	0.79458	3.103051	5	18
KY_RS	05/18/2021	12	109,568.60	0.816	0.361298	5	18
KY_RS	05/18/2021	13	113,889.83	0.84818	2.593314	5	18
KY_RS	05/18/2021	14	118,692.37	0.88395	3.400115	5	18
KY_RS	05/18/2021	15	125,131.29	0.9319	3.639741	5	18
KY_RS	05/18/2021	16	136,507.59	1.01662	3.482849	5	18
KY_RS	05/18/2021	17	153,143.00	1.14051	3.618973	5	18
KY_RS	05/18/2021	18	171,524.52	1.27741	2.742621	5	18
KY_RS	05/18/2021	19	180,977.49	1.34781	1.183260	5	18
KY_RS	05/18/2021	20	181,560.13	1.35215	0.450864	5	18
KY_RS	05/18/2021	21	180,119.87	1.34142	0.003875	5	18
KY_RS	05/18/2021	22	177,691.64	1.32334	0.000000	5	18
KY_RS	05/18/2021	23	159,437.52	1.18739	0.000000	5	18
KY_RS	05/18/2021	24	133,468.18	0.99399	0.000000	5	18
KY_RS	05/19/2021	1	111,754.00	0.83227	0.000000	5	19
KY_RS	05/19/2021	2	97,873.64	0.7289	0.000000	5	19
KY_RS	05/19/2021	3	89,134.35	0.66382	0.000000	5	19

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	05/19/2021	4	83,978.34	0.62542	0.000000	5	19
KY_RS	05/19/2021	5	82,399.24	0.61366	0.000000	5	19
KY_RS	05/19/2021	6	87,150.60	0.64904	0.000000	5	19
KY_RS	05/19/2021	7	100,605.29	0.74925	0.000000	5	19
KY_RS	05/19/2021	8	109,610.71	0.81631	0.354531	5	19
KY_RS	05/19/2021	9	112,644.71	0.83891	1.474340	5	19
KY_RS	05/19/2021	10	119,706.83	0.8915	2.320768	5	19
KY_RS	05/19/2021	11	127,578.03	0.95012	3.169957	5	19
KY_RS	05/19/2021	12	138,850.47	1.03407	3.394524	5	19
KY_RS	05/19/2021	13	150,704.91	1.12236	3.811413	5	19
KY_RS	05/19/2021	14	156,737.32	1.16728	3.478778	5	19
KY_RS	05/19/2021	15	162,071.69	1.20701	3.938690	5	19
KY_RS	05/19/2021	16	175,598.61	1.30775	0.313017	5	19
KY_RS	05/19/2021	17	192,423.40	1.43305	0.951683	5	19
KY_RS	05/19/2021	18	212,545.47	1.58291	0.128972	5	19
KY_RS	05/19/2021	19	223,871.74	1.66726	0.374844	5	19
KY_RS	05/19/2021	20	222,672.14	1.65832	0.153292	5	19
KY_RS	05/19/2021	21	218,231.61	1.62525	0.000000	5	19
KY_RS	05/19/2021	22	212,651.11	1.58369	0.000000	5	19
KY_RS	05/19/2021	23	191,538.53	1.42646	0.000000	5	19
KY_RS	05/19/2021	24	161,353.04	1.20166	0.000000	5	19
KY_RS	05/20/2021	1	135,630.06	1.01009	0.000000	5	20
KY_RS	05/20/2021	2	117,862.40	0.87777	0.000000	5	20
KY_RS	05/20/2021	3	105,616.59	0.78657	0.000000	5	20
KY_RS	05/20/2021	4	97,937.25	0.72938	0.000000	5	20
KY_RS	05/20/2021	5	94,371.74	0.70282	0.000000	5	20
KY_RS	05/20/2021	6	97,326.74	0.72483	0.000000	5	20
KY_RS	05/20/2021	7	109,231.60	0.81349	0.000000	5	20
KY_RS	05/20/2021	8	117,412.73	0.87442	0.000243	5	20
KY_RS	05/20/2021	9	124,848.60	0.92979	0.777907	5	20
KY_RS	05/20/2021	10	136,519.94	1.01672	1.303276	5	20
KY_RS	05/20/2021	11	150,655.02	1.12198	2.037049	5	20
KY_RS	05/20/2021	12	164,600.35	1.22584	2.592995	5	20

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	05/20/2021	13	178,847.74	1.33195	3.885496	5	20
KY_RS	05/20/2021	14	191,189.82	1.42386	3.685312	5	20
KY_RS	05/20/2021	15	204,256.46	1.52117	0.834411	5	20
KY_RS	05/20/2021	16	220,786.34	1.64428	1.120668	5	20
KY_RS	05/20/2021	17	240,554.55	1.7915	2.631144	5	20
KY_RS	05/20/2021	18	255,450.83	1.90244	1.300290	5	20
KY_RS	05/20/2021	19	260,912.59	1.94311	0.436419	5	20
KY_RS	05/20/2021	20	257,349.77	1.91658	0.178793	5	20
KY_RS	05/20/2021	21	245,307.62	1.8269	0.000000	5	20
KY_RS	05/20/2021	22	235,463.08	1.75358	0.000000	5	20
KY_RS	05/20/2021	23	210,518.69	1.56781	0.000000	5	20
KY_RS	05/20/2021	24	177,628.46	1.32287	0.000000	5	20
KY_RS	05/21/2021	1	149,017.05	1.10979	0.000000	5	21
KY_RS	05/21/2021	2	128,410.00	0.95632	0.000000	5	21
KY_RS	05/21/2021	3	114,410.19	0.85206	0.000000	5	21
KY_RS	05/21/2021	4	105,132.17	0.78296	0.000000	5	21
KY_RS	05/21/2021	5	100,588.97	0.74912	0.000000	5	21
KY_RS	05/21/2021	6	102,320.82	0.76202	0.000000	5	21
KY_RS	05/21/2021	7	112,815.50	0.84018	0.000000	5	21
KY_RS	05/21/2021	8	122,543.02	0.91262	0.349215	5	21
KY_RS	05/21/2021	9	131,431.35	0.97882	0.959775	5	21
KY_RS	05/21/2021	10	145,586.46	1.08424	0.683896	5	21
KY_RS	05/21/2021	11	161,255.88	1.20093	2.239906	5	21
KY_RS	05/21/2021	12	173,921.19	1.29526	1.903911	5	21
KY_RS	05/21/2021	13	187,056.19	1.39308	2.333033	5	21
KY_RS	05/21/2021	14	199,741.53	1.48755	2.235892	5	21
KY_RS	05/21/2021	15	214,995.27	1.60115	4.195304	5	21
KY_RS	05/21/2021	16	231,963.43	1.72752	3.117708	5	21
KY_RS	05/21/2021	17	247,057.77	1.83993	0.605206	5	21
KY_RS	05/21/2021	18	254,945.76	1.89868	2.858018	5	21
KY_RS	05/21/2021	19	251,848.84	1.87561	1.178515	5	21
KY_RS	05/21/2021	20	246,853.50	1.83841	0.507676	5	21
KY_RS	05/21/2021	21	232,636.91	1.73253	0.016553	5	21

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	05/21/2021	22	220,961.96	1.64559	0.000000	5	21
KY_RS	05/21/2021	23	203,625.69	1.51648	0.000000	5	21
KY_RS	05/21/2021	24	177,745.51	1.32374	0.000000	5	21
KY_RS	05/22/2021	1	152,442.43	1.1353	0.000000	5	22
KY_RS	05/22/2021	2	131,127.49	0.97656	0.000000	5	22
KY_RS	05/22/2021	3	116,011.59	0.86398	0.000000	5	22
KY_RS	05/22/2021	4	105,837.68	0.78821	0.000000	5	22
KY_RS	05/22/2021	5	98,933.95	0.7368	0.000000	5	22
KY_RS	05/22/2021	6	95,676.96	0.71254	0.000000	5	22
KY_RS	05/22/2021	7	96,826.23	0.7211	0.002196	5	22
KY_RS	05/22/2021	8	109,353.42	0.8144	0.407584	5	22
KY_RS	05/22/2021	9	132,804.10	0.98904	1.672318	5	22
KY_RS	05/22/2021	10	155,495.11	1.15803	3.008484	5	22
KY_RS	05/22/2021	11	178,442.18	1.32893	3.488258	5	22
KY_RS	05/22/2021	12	193,112.61	1.43818	3.768046	5	22
KY_RS	05/22/2021	13	213,396.86	1.58925	4.250110	5	22
KY_RS	05/22/2021	14	229,727.62	1.71087	3.487476	5	22
KY_RS	05/22/2021	15	239,603.00	1.78441	3.522508	5	22
KY_RS	05/22/2021	16	245,337.68	1.82712	3.253623	5	22
KY_RS	05/22/2021	17	253,838.82	1.89043	3.931239	5	22
KY_RS	05/22/2021	18	258,911.39	1.92821	2.696491	5	22
KY_RS	05/22/2021	19	264,788.58	1.97198	1.807407	5	22
KY_RS	05/22/2021	20	257,574.44	1.91825	0.541648	5	22
KY_RS	05/22/2021	21	240,243.45	1.78918	0.048073	5	22
KY_RS	05/22/2021	22	225,387.42	1.67854	0.000000	5	22
KY_RS	05/22/2021	23	205,570.94	1.53096	0.000000	5	22
KY_RS	05/22/2021	24	179,870.98	1.33957	0.000000	5	22
KY_RS	05/23/2021	1	154,532.77	1.15086	0.000000	5	23
KY_RS	05/23/2021	2	133,900.38	0.99721	0.000000	5	23
KY_RS	05/23/2021	3	118,882.70	0.88536	0.000000	5	23
KY_RS	05/23/2021	4	108,339.91	0.80685	0.000000	5	23
KY_RS	05/23/2021	5	101,140.25	0.75323	0.000000	5	23
KY_RS	05/23/2021	6	97,314.18	0.72474	0.000000	5	23

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	05/23/2021	7	97,736.38	0.72788	0.005723	5	23
KY_RS	05/23/2021	8	110,135.12	0.82022	0.407115	5	23
KY_RS	05/23/2021	9	136,075.87	1.01341	1.628396	5	23
KY_RS	05/23/2021	10	165,355.69	1.23147	2.909936	5	23
KY_RS	05/23/2021	11	192,843.31	1.43618	3.870283	5	23
KY_RS	05/23/2021	12	215,019.49	1.60133	4.483013	5	23
KY_RS	05/23/2021	13	233,529.91	1.73919	4.832065	5	23
KY_RS	05/23/2021	14	247,127.41	1.84045	4.922489	5	23
KY_RS	05/23/2021	15	258,687.83	1.92655	4.092009	5	23
KY_RS	05/23/2021	16	266,582.01	1.98534	3.494809	5	23
KY_RS	05/23/2021	17	270,866.28	2.01724	2.998361	5	23
KY_RS	05/23/2021	18	279,477.76	2.08138	2.178164	5	23
KY_RS	05/23/2021	19	276,920.35	2.06233	1.232724	5	23
KY_RS	05/23/2021	20	276,410.16	2.05853	0.490984	5	23
KY_RS	05/23/2021	21	269,951.43	2.01043	0.020462	5	23
KY_RS	05/23/2021	22	259,862.46	1.93529	0.000000	5	23
KY_RS	05/23/2021	23	235,654.96	1.75501	0.000000	5	23
KY_RS	05/23/2021	24	202,303.60	1.50663	0.000000	5	23
KY_RS	05/24/2021	1	173,746.31	1.29395	0.000000	5	24
KY_RS	05/24/2021	2	152,400.42	1.13498	0.000000	5	24
KY_RS	05/24/2021	3	136,206.89	1.01438	0.000000	5	24
KY_RS	05/24/2021	4	124,885.26	0.93007	0.000000	5	24
KY_RS	05/24/2021	5	118,120.29	0.87969	0.000000	5	24
KY_RS	05/24/2021	6	118,646.55	0.88361	0.000000	5	24
KY_RS	05/24/2021	7	128,473.35	0.95679	0.000000	5	24
KY_RS	05/24/2021	8	138,080.14	1.02833	0.385396	5	24
KY_RS	05/24/2021	9	139,562.89	1.03938	0.973026	5	24
KY_RS	05/24/2021	10	151,592.62	1.12897	1.453468	5	24
KY_RS	05/24/2021	11	180,379.69	1.34336	1.333689	5	24
KY_RS	05/24/2021	12	204,380.72	1.5221	1.718261	5	24
KY_RS	05/24/2021	13	226,906.44	1.68986	1.580782	5	24
KY_RS	05/24/2021	14	238,435.03	1.77572	0.812474	5	24
KY_RS	05/24/2021	15	250,243.15	1.86365	2.525973	5	24

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	05/24/2021	16	268,736.28	2.00138	1.208984	5	24
KY_RS	05/24/2021	17	291,122.16	2.1681	0.373612	5	24
KY_RS	05/24/2021	18	311,441.41	2.31942	0.646300	5	24
KY_RS	05/24/2021	19	317,323.25	2.36323	0.000248	5	24
KY_RS	05/24/2021	20	303,360.35	2.25924	0.000000	5	24
KY_RS	05/24/2021	21	289,129.91	2.15326	0.000000	5	24
KY_RS	05/24/2021	22	275,096.99	2.04875	0.000000	5	24
KY_RS	05/24/2021	23	247,200.85	1.841	0.000000	5	24
KY_RS	05/24/2021	24	209,373.65	1.55928	0.000000	5	24
KY_RS	05/25/2021	1	177,470.99	1.32169	0.000000	5	25
KY_RS	05/25/2021	2	154,635.05	1.15163	0.000000	5	25
KY_RS	05/25/2021	3	138,001.44	1.02775	0.000000	5	25
KY_RS	05/25/2021	4	126,339.46	0.9409	0.000000	5	25
KY_RS	05/25/2021	5	119,266.06	0.88822	0.000000	5	25
KY_RS	05/25/2021	6	119,004.93	0.88627	0.000000	5	25
KY_RS	05/25/2021	7	128,523.02	0.95716	0.000000	5	25
KY_RS	05/25/2021	8	139,756.45	1.04082	0.127791	5	25
KY_RS	05/25/2021	9	150,264.89	1.11908	0.253380	5	25
KY_RS	05/25/2021	10	165,289.33	1.23097	0.312458	5	25
KY_RS	05/25/2021	11	188,794.31	1.40602	2.185735	5	25
KY_RS	05/25/2021	12	211,109.12	1.57221	2.900180	5	25
KY_RS	05/25/2021	13	229,526.38	1.70937	1.366279	5	25
KY_RS	05/25/2021	14	244,485.65	1.82078	1.198400	5	25
KY_RS	05/25/2021	15	257,477.25	1.91753	2.006180	5	25
KY_RS	05/25/2021	16	274,530.54	2.04453	1.929737	5	25
KY_RS	05/25/2021	17	289,855.97	2.15867	0.737142	5	25
KY_RS	05/25/2021	18	297,333.81	2.21436	0.457667	5	25
KY_RS	05/25/2021	19	303,510.96	2.26036	0.051135	5	25
KY_RS	05/25/2021	20	297,935.18	2.21884	0.564265	5	25
KY_RS	05/25/2021	21	284,447.42	2.11839	0.033175	5	25
KY_RS	05/25/2021	22	271,708.03	2.02351	0.000000	5	25
KY_RS	05/25/2021	23	246,179.81	1.83339	0.000000	5	25
KY_RS	05/25/2021	24	211,208.32	1.57295	0.000000	5	25

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	05/26/2021	1	181,622.78	1.35261	0.000000	5	26
KY_RS	05/26/2021	2	159,723.33	1.18952	0.000000	5	26
KY_RS	05/26/2021	3	144,723.57	1.07781	0.000000	5	26
KY_RS	05/26/2021	4	135,040.34	1.0057	0.000000	5	26
KY_RS	05/26/2021	5	129,576.43	0.965	0.000000	5	26
KY_RS	05/26/2021	6	130,361.41	0.97085	0.000000	5	26
KY_RS	05/26/2021	7	139,716.04	1.04052	0.008713	5	26
KY_RS	05/26/2021	8	149,452.53	1.11303	0.406007	5	26
KY_RS	05/26/2021	9	156,566.20	1.16601	1.473964	5	26
KY_RS	05/26/2021	10	173,711.16	1.29369	2.547332	5	26
KY_RS	05/26/2021	11	193,313.37	1.43968	3.766440	5	26
KY_RS	05/26/2021	12	197,967.73	1.47434	3.547296	5	26
KY_RS	05/26/2021	13	182,688.06	1.36055	4.739528	5	26
KY_RS	05/26/2021	14	169,498.06	1.26232	4.860169	5	26
KY_RS	05/26/2021	15	167,163.92	1.24493	4.719995	5	26
KY_RS	05/26/2021	16	169,449.18	1.26195	4.330332	5	26
KY_RS	05/26/2021	17	178,456.97	1.32904	3.701547	5	26
KY_RS	05/26/2021	18	194,644.49	1.44959	2.836641	5	26
KY_RS	05/26/2021	19	202,861.58	1.51079	1.698845	5	26
KY_RS	05/26/2021	20	202,441.78	1.50766	0.559738	5	26
KY_RS	05/26/2021	21	198,437.70	1.47784	0.032008	5	26
KY_RS	05/26/2021	22	194,401.69	1.44778	0.000000	5	26
KY_RS	05/26/2021	23	177,975.89	1.32545	0.000000	5	26
KY_RS	05/26/2021	24	152,181.78	1.13335	0.000000	5	26
KY_RS	05/27/2021	1	128,679.73	0.95833	0.000000	5	27
KY_RS	05/27/2021	2	114,197.14	0.85047	0.000000	5	27
KY_RS	05/27/2021	3	105,822.20	0.7881	0.000000	5	27
KY_RS	05/27/2021	4	99,162.03	0.7385	0.000000	5	27
KY_RS	05/27/2021	5	96,385.63	0.71782	0.000000	5	27
KY_RS	05/27/2021	6	99,758.67	0.74294	0.000000	5	27
KY_RS	05/27/2021	7	111,956.37	0.83378	0.000000	5	27
KY_RS	05/27/2021	8	120,440.73	0.89697	0.376227	5	27
KY_RS	05/27/2021	9	121,875.94	0.90766	0.519453	5	27

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	05/27/2021	10	126,677.84	0.94342	2.305395	5	27
KY_RS	05/27/2021	11	140,490.07	1.04628	1.971853	5	27
KY_RS	05/27/2021	12	155,552.16	1.15846	2.165621	5	27
KY_RS	05/27/2021	13	169,314.24	1.26095	4.603798	5	27
KY_RS	05/27/2021	14	181,656.59	1.35286	4.724512	5	27
KY_RS	05/27/2021	15	198,371.92	1.47735	3.658728	5	27
KY_RS	05/27/2021	16	216,947.82	1.61569	3.304818	5	27
KY_RS	05/27/2021	17	237,614.07	1.7696	3.630764	5	27
KY_RS	05/27/2021	18	251,326.25	1.87172	2.452362	5	27
KY_RS	05/27/2021	19	248,659.24	1.85186	1.670826	5	27
KY_RS	05/27/2021	20	239,478.51	1.78349	0.556882	5	27
KY_RS	05/27/2021	21	228,973.58	1.70525	0.033981	5	27
KY_RS	05/27/2021	22	210,980.64	1.57125	0.000000	5	27
KY_RS	05/27/2021	23	202,267.66	1.50636	0.000000	5	27
KY_RS	05/27/2021	24	174,699.27	1.30105	0.000000	5	27
KY_RS	05/28/2021	1	147,809.62	1.10079	0.000000	5	28
KY_RS	05/28/2021	2	128,449.99	0.95662	0.000000	5	28
KY_RS	05/28/2021	3	117,089.80	0.87201	0.000000	5	28
KY_RS	05/28/2021	4	110,472.46	0.82273	0.000000	5	28
KY_RS	05/28/2021	5	106,369.42	0.79217	0.000000	5	28
KY_RS	05/28/2021	6	107,521.39	0.80075	0.000000	5	28
KY_RS	05/28/2021	7	116,757.81	0.86954	0.000982	5	28
KY_RS	05/28/2021	8	124,514.74	0.92731	0.399449	5	28
KY_RS	05/28/2021	9	128,036.43	0.95354	0.873172	5	28
KY_RS	05/28/2021	10	133,852.36	0.99685	1.922855	5	28
KY_RS	05/28/2021	11	140,364.24	1.04535	2.750929	5	28
KY_RS	05/28/2021	12	143,208.11	1.06652	2.561494	5	28
KY_RS	05/28/2021	13	145,184.33	1.08124	2.577567	5	28
KY_RS	05/28/2021	14	144,415.52	1.07552	2.518594	5	28
KY_RS	05/28/2021	15	147,371.57	1.09753	2.184759	5	28
KY_RS	05/28/2021	16	158,630.43	1.18138	0.907936	5	28
KY_RS	05/28/2021	17	158,505.14	1.18045	0.734657	5	28
KY_RS	05/28/2021	18	156,273.77	1.16383	0.967537	5	28

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	05/28/2021	19	150,503.51	1.12086	1.711608	5	28
KY_RS	05/28/2021	20	140,157.74	1.04381	0.586191	5	28
KY_RS	05/28/2021	21	132,527.19	0.98698	0.029380	5	28
KY_RS	05/28/2021	22	129,928.45	0.96763	0.000000	5	28
KY_RS	05/28/2021	23	122,205.58	0.91011	0.000000	5	28
KY_RS	05/28/2021	24	108,565.30	0.80853	0.000000	5	28
KY_RS	05/29/2021	1	95,785.79	0.71335	0.000000	5	29
KY_RS	05/29/2021	2	86,479.46	0.64405	0.000000	5	29
KY_RS	05/29/2021	3	80,730.72	0.60123	0.000000	5	29
KY_RS	05/29/2021	4	77,876.02	0.57997	0.000000	5	29
KY_RS	05/29/2021	5	76,871.98	0.57249	0.000000	5	29
KY_RS	05/29/2021	6	78,167.22	0.58214	0.000000	5	29
KY_RS	05/29/2021	7	83,153.84	0.61928	0.015310	5	29
KY_RS	05/29/2021	8	93,596.17	0.69705	0.409034	5	29
KY_RS	05/29/2021	9	108,115.13	0.80517	1.571268	5	29
KY_RS	05/29/2021	10	120,024.72	0.89387	2.809251	5	29
KY_RS	05/29/2021	11	128,457.48	0.95667	3.452972	5	29
KY_RS	05/29/2021	12	132,539.15	0.98707	4.401641	5	29
KY_RS	05/29/2021	13	133,501.33	0.99423	4.783305	5	29
KY_RS	05/29/2021	14	131,905.18	0.98235	4.891761	5	29
KY_RS	05/29/2021	15	130,428.69	0.97135	4.769309	5	29
KY_RS	05/29/2021	16	128,001.68	0.95328	4.426089	5	29
KY_RS	05/29/2021	17	127,246.94	0.94766	3.567493	5	29
KY_RS	05/29/2021	18	129,467.47	0.96419	2.894958	5	29
KY_RS	05/29/2021	19	130,210.06	0.96972	1.414549	5	29
KY_RS	05/29/2021	20	129,297.54	0.96293	0.577622	5	29
KY_RS	05/29/2021	21	129,992.27	0.9681	0.033316	5	29
KY_RS	05/29/2021	22	128,595.63	0.9577	0.000000	5	29
KY_RS	05/29/2021	23	121,257.84	0.90305	0.000000	5	29
KY_RS	05/29/2021	24	111,011.49	0.82674	0.000000	5	29
KY_RS	05/30/2021	1	100,627.46	0.74941	0.000000	5	30
KY_RS	05/30/2021	2	93,667.60	0.69758	0.000000	5	30
KY_RS	05/30/2021	3	89,566.03	0.66703	0.000000	5	30

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	05/30/2021	4	87,765.72	0.65362	0.000000	5	30
KY_RS	05/30/2021	5	87,868.73	0.65439	0.000000	5	30
KY_RS	05/30/2021	6	90,047.62	0.67062	0.000000	5	30
KY_RS	05/30/2021	7	96,254.09	0.71684	0.011819	5	30
KY_RS	05/30/2021	8	105,646.43	0.78679	0.417238	5	30
KY_RS	05/30/2021	9	114,255.58	0.8509	1.589018	5	30
KY_RS	05/30/2021	10	120,979.02	0.90098	2.872224	5	30
KY_RS	05/30/2021	11	123,766.81	0.92174	3.815599	5	30
KY_RS	05/30/2021	12	125,203.40	0.93244	4.455340	5	30
KY_RS	05/30/2021	13	126,303.88	0.94063	3.988765	5	30
KY_RS	05/30/2021	14	124,827.62	0.92964	4.463144	5	30
KY_RS	05/30/2021	15	121,795.77	0.90706	4.206790	5	30
KY_RS	05/30/2021	16	119,649.62	0.89108	2.560297	5	30
KY_RS	05/30/2021	17	120,562.33	0.89787	2.882088	5	30
KY_RS	05/30/2021	18	123,369.46	0.91878	2.950924	5	30
KY_RS	05/30/2021	19	124,398.95	0.92645	1.468020	5	30
KY_RS	05/30/2021	20	124,237.44	0.92524	0.582116	5	30
KY_RS	05/30/2021	21	125,222.94	0.93258	0.037258	5	30
KY_RS	05/30/2021	22	128,134.21	0.95426	0.000000	5	30
KY_RS	05/30/2021	23	122,714.55	0.9139	0.000000	5	30
KY_RS	05/30/2021	24	110,601.50	0.82369	0.000000	5	30
KY_RS	05/31/2021	1	98,147.75	0.73094	0.000000	5	31
KY_RS	05/31/2021	2	89,820.12	0.66892	0.000000	5	31
KY_RS	05/31/2021	3	85,115.70	0.63389	0.000000	5	31
KY_RS	05/31/2021	4	83,279.92	0.62022	0.000000	5	31
KY_RS	05/31/2021	5	83,349.66	0.62074	0.000000	5	31
KY_RS	05/31/2021	6	85,654.43	0.6379	0.000000	5	31
KY_RS	05/31/2021	7	90,673.38	0.67528	0.000000	5	31
KY_RS	05/31/2021	8	98,911.44	0.73663	0.218566	5	31
KY_RS	05/31/2021	9	109,167.69	0.81301	1.141429	5	31
KY_RS	05/31/2021	10	117,442.08	0.87464	1.664648	5	31
KY_RS	05/31/2021	11	123,928.00	0.92294	3.681718	5	31
KY_RS	05/31/2021	12	128,511.39	0.95707	4.364666	5	31

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	05/31/2021	13	130,704.98	0.97341	4.761549	5	31
KY_RS	05/31/2021	14	130,582.27	0.9725	4.025786	5	31
KY_RS	05/31/2021	15	131,903.50	0.98233	3.530647	5	31
KY_RS	05/31/2021	16	136,052.94	1.01324	4.468831	5	31
KY_RS	05/31/2021	17	144,945.19	1.07946	2.383664	5	31
KY_RS	05/31/2021	18	155,875.52	1.16086	2.942077	5	31
KY_RS	05/31/2021	19	161,828.98	1.2052	1.787652	5	31
KY_RS	05/31/2021	20	162,325.99	1.2089	0.592090	5	31
KY_RS	05/31/2021	21	161,739.60	1.20454	0.000000	5	31
KY_RS	05/31/2021	22	159,904.89	1.19087	0.000000	5	31
KY_RS	05/31/2021	23	144,773.07	1.07818	0.000000	5	31
KY_RS	05/31/2021	24	120,889.83	0.90031	0.000000	5	31
KY_RS	06/01/2021	1	101,528.97	0.75612	0.000000	6	1
KY_RS	06/01/2021	2	89,209.09	0.66437	0.000000	6	1
KY_RS	06/01/2021	3	82,707.79	0.61596	0.000000	6	1
KY_RS	06/01/2021	4	79,038.49	0.58863	0.000000	6	1
KY_RS	06/01/2021	5	78,617.10	0.58549	0.000000	6	1
KY_RS	06/01/2021	6	83,193.86	0.61958	0.000000	6	1
KY_RS	06/01/2021	7	93,119.37	0.69349	0.010413	6	1
KY_RS	06/01/2021	8	100,625.84	0.7494	0.417675	6	1
KY_RS	06/01/2021	9	102,454.52	0.76302	1.496540	6	1
KY_RS	06/01/2021	10	106,583.24	0.79377	2.705210	6	1
KY_RS	06/01/2021	11	111,852.47	0.83301	3.642744	6	1
KY_RS	06/01/2021	12	120,698.48	0.89889	4.346563	6	1
KY_RS	06/01/2021	13	130,332.02	0.97063	4.756395	6	1
KY_RS	06/01/2021	14	134,091.29	0.99863	4.945044	6	1
KY_RS	06/01/2021	15	137,804.02	1.02628	4.865711	6	1
KY_RS	06/01/2021	16	147,218.18	1.09639	4.515020	6	1
KY_RS	06/01/2021	17	154,186.81	1.14829	3.900381	6	1
KY_RS	06/01/2021	18	164,560.33	1.22554	3.035435	6	1
KY_RS	06/01/2021	19	171,122.10	1.27441	1.693661	6	1
KY_RS	06/01/2021	20	170,874.14	1.27256	0.564647	6	1
KY_RS	06/01/2021	21	170,204.61	1.26758	0.043144	6	1

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	06/01/2021	22	166,606.08	1.24078	0.000000	6	1
KY_RS	06/01/2021	23	150,916.24	1.12393	0.000000	6	1
KY_RS	06/01/2021	24	128,751.67	0.95886	0.000000	6	1
KY_RS	06/02/2021	1	109,880.92	0.81832	0.000000	6	2
KY_RS	06/02/2021	2	97,620.10	0.72701	0.000000	6	2
KY_RS	06/02/2021	3	89,962.48	0.66998	0.000000	6	2
KY_RS	06/02/2021	4	85,735.89	0.63851	0.000000	6	2
KY_RS	06/02/2021	5	84,712.21	0.63088	0.000000	6	2
KY_RS	06/02/2021	6	88,276.54	0.65743	0.000000	6	2
KY_RS	06/02/2021	7	97,033.20	0.72264	0.011822	6	2
KY_RS	06/02/2021	8	105,233.50	0.78371	0.406762	6	2
KY_RS	06/02/2021	9	108,700.37	0.80953	1.267413	6	2
KY_RS	06/02/2021	10	112,408.96	0.83715	2.210661	6	2
KY_RS	06/02/2021	11	116,780.02	0.8697	2.650874	6	2
KY_RS	06/02/2021	12	121,630.60	0.90583	2.254794	6	2
KY_RS	06/02/2021	13	125,976.83	0.9382	2.629588	6	2
KY_RS	06/02/2021	14	125,784.22	0.93676	3.484111	6	2
KY_RS	06/02/2021	15	126,526.63	0.94229	3.300011	6	2
KY_RS	06/02/2021	16	128,777.24	0.95905	2.845739	6	2
KY_RS	06/02/2021	17	136,211.17	1.01442	1.254025	6	2
KY_RS	06/02/2021	18	148,336.07	1.10471	1.579277	6	2
KY_RS	06/02/2021	19	153,894.30	1.14611	0.454513	6	2
KY_RS	06/02/2021	20	154,327.96	1.14934	0.533146	6	2
KY_RS	06/02/2021	21	153,427.32	1.14263	0.054038	6	2
KY_RS	06/02/2021	22	149,659.83	1.11457	0.000000	6	2
KY_RS	06/02/2021	23	137,836.52	1.02652	0.000000	6	2
KY_RS	06/02/2021	24	119,386.50	0.88912	0.000000	6	2
KY_RS	06/03/2021	1	102,897.95	0.76632	0.000000	6	3
KY_RS	06/03/2021	2	92,452.53	0.68853	0.000000	6	3
KY_RS	06/03/2021	3	86,108.34	0.64128	0.000000	6	3
KY_RS	06/03/2021	4	82,912.80	0.61748	0.000000	6	3
KY_RS	06/03/2021	5	82,730.61	0.61613	0.000000	6	3
KY_RS	06/03/2021	6	87,156.15	0.64908	0.000000	6	3

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	06/03/2021	7	96,958.93	0.72209	0.000000	6	3
KY_RS	06/03/2021	8	105,559.71	0.78614	0.062699	6	3
KY_RS	06/03/2021	9	109,672.16	0.81677	0.507583	6	3
KY_RS	06/03/2021	10	113,858.71	0.84795	2.421792	6	3
KY_RS	06/03/2021	11	119,471.53	0.88975	3.136226	6	3
KY_RS	06/03/2021	12	124,200.45	0.92497	2.984824	6	3
KY_RS	06/03/2021	13	129,502.57	0.96445	3.961788	6	3
KY_RS	06/03/2021	14	134,955.30	1.00506	2.953409	6	3
KY_RS	06/03/2021	15	133,271.40	0.99252	4.621572	6	3
KY_RS	06/03/2021	16	134,515.17	1.00179	4.258835	6	3
KY_RS	06/03/2021	17	147,903.90	1.1015	3.666133	6	3
KY_RS	06/03/2021	18	167,761.95	1.24939	2.806814	6	3
KY_RS	06/03/2021	19	169,756.99	1.26424	1.688842	6	3
KY_RS	06/03/2021	20	165,199.85	1.23031	0.622958	6	3
KY_RS	06/03/2021	21	161,447.66	1.20236	0.061680	6	3
KY_RS	06/03/2021	22	157,675.70	1.17427	0.000000	6	3
KY_RS	06/03/2021	23	145,944.29	1.0869	0.000000	6	3
KY_RS	06/03/2021	24	125,424.29	0.93408	0.000000	6	3
KY_RS	06/04/2021	1	106,433.21	0.79265	0.000000	6	4
KY_RS	06/04/2021	2	94,032.92	0.7003	0.000000	6	4
KY_RS	06/04/2021	3	86,760.88	0.64614	0.000000	6	4
KY_RS	06/04/2021	4	83,174.29	0.61943	0.000000	6	4
KY_RS	06/04/2021	5	82,217.92	0.61231	0.000000	6	4
KY_RS	06/04/2021	6	85,829.56	0.6392	0.000000	6	4
KY_RS	06/04/2021	7	94,745.05	0.7056	0.000000	6	4
KY_RS	06/04/2021	8	103,997.15	0.77451	0.488568	6	4
KY_RS	06/04/2021	9	112,978.77	0.8414	1.433447	6	4
KY_RS	06/04/2021	10	123,651.97	0.92088	2.518236	6	4
KY_RS	06/04/2021	11	136,498.48	1.01656	2.347742	6	4
KY_RS	06/04/2021	12	150,768.46	1.12283	4.004757	6	4
KY_RS	06/04/2021	13	165,416.62	1.23192	4.393322	6	4
KY_RS	06/04/2021	14	179,334.85	1.33557	4.545600	6	4
KY_RS	06/04/2021	15	195,706.41	1.4575	4.448262	6	4

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	06/04/2021	16	214,844.18	1.60003	4.133973	6	4
KY_RS	06/04/2021	17	234,842.24	1.74896	3.569444	6	4
KY_RS	06/04/2021	18	252,013.22	1.87684	2.727147	6	4
KY_RS	06/04/2021	19	258,204.60	1.92295	1.231701	6	4
KY_RS	06/04/2021	20	252,555.67	1.88088	0.548671	6	4
KY_RS	06/04/2021	21	237,522.70	1.76892	0.055901	6	4
KY_RS	06/04/2021	22	223,919.37	1.66761	0.000000	6	4
KY_RS	06/04/2021	23	207,616.26	1.5462	0.000000	6	4
KY_RS	06/04/2021	24	182,001.75	1.35544	0.000000	6	4
KY_RS	06/05/2021	1	155,942.70	1.16136	0.000000	6	5
KY_RS	06/05/2021	2	134,738.68	1.00345	0.000000	6	5
KY_RS	06/05/2021	3	119,344.01	0.8888	0.000000	6	5
KY_RS	06/05/2021	4	108,532.98	0.80829	0.000000	6	5
KY_RS	06/05/2021	5	100,726.23	0.75015	0.000000	6	5
KY_RS	06/05/2021	6	96,618.52	0.71955	0.000000	6	5
KY_RS	06/05/2021	7	97,608.38	0.72693	0.000000	6	5
KY_RS	06/05/2021	8	110,338.20	0.82173	0.467255	6	5
KY_RS	06/05/2021	9	132,983.62	0.99038	1.439887	6	5
KY_RS	06/05/2021	10	157,524.62	1.17315	2.531428	6	5
KY_RS	06/05/2021	11	181,371.15	1.35074	3.084901	6	5
KY_RS	06/05/2021	12	201,968.48	1.50414	3.758677	6	5
KY_RS	06/05/2021	13	217,420.14	1.61921	3.686749	6	5
KY_RS	06/05/2021	14	231,239.07	1.72212	3.794409	6	5
KY_RS	06/05/2021	15	243,418.62	1.81283	2.139138	6	5
KY_RS	06/05/2021	16	256,267.58	1.90852	2.975617	6	5
KY_RS	06/05/2021	17	267,783.14	1.99428	2.656101	6	5
KY_RS	06/05/2021	18	277,479.60	2.06649	2.613377	6	5
KY_RS	06/05/2021	19	278,904.25	2.0771	0.579475	6	5
KY_RS	06/05/2021	20	269,784.41	2.00919	0.183692	6	5
KY_RS	06/05/2021	21	251,778.13	1.87509	0.000000	6	5
KY_RS	06/05/2021	22	235,642.33	1.75492	0.000000	6	5
KY_RS	06/05/2021	23	217,634.86	1.62081	0.000000	6	5
KY_RS	06/05/2021	24	192,190.85	1.43132	0.000000	6	5

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	06/06/2021	1	166,421.79	1.23941	0.000000	6	6
KY_RS	06/06/2021	2	144,440.84	1.07571	0.000000	6	6
KY_RS	06/06/2021	3	127,602.84	0.95031	0.000000	6	6
KY_RS	06/06/2021	4	115,722.00	0.86183	0.000000	6	6
KY_RS	06/06/2021	5	107,931.65	0.80381	0.000000	6	6
KY_RS	06/06/2021	6	103,258.40	0.769	0.000000	6	6
KY_RS	06/06/2021	7	103,436.10	0.77033	0.014877	6	6
KY_RS	06/06/2021	8	113,553.04	0.84567	0.426824	6	6
KY_RS	06/06/2021	9	130,540.56	0.97218	1.503313	6	6
KY_RS	06/06/2021	10	152,795.18	1.13792	2.634312	6	6
KY_RS	06/06/2021	11	169,095.01	1.25931	3.486108	6	6
KY_RS	06/06/2021	12	175,125.42	1.30422	4.113833	6	6
KY_RS	06/06/2021	13	198,138.50	1.47561	4.449431	6	6
KY_RS	06/06/2021	14	224,169.46	1.66947	4.537428	6	6
KY_RS	06/06/2021	15	245,205.30	1.82614	4.018299	6	6
KY_RS	06/06/2021	16	259,223.17	1.93053	3.402913	6	6
KY_RS	06/06/2021	17	268,614.44	2.00047	3.239487	6	6
KY_RS	06/06/2021	18	284,413.89	2.11814	2.367193	6	6
KY_RS	06/06/2021	19	289,653.64	2.15716	1.509904	6	6
KY_RS	06/06/2021	20	271,517.91	2.0221	0.630735	6	6
KY_RS	06/06/2021	21	253,171.17	1.88546	0.063056	6	6
KY_RS	06/06/2021	22	240,327.06	1.78981	0.000000	6	6
KY_RS	06/06/2021	23	217,527.58	1.62001	0.000000	6	6
KY_RS	06/06/2021	24	186,000.05	1.38521	0.000000	6	6
KY_RS	06/07/2021	1	158,768.25	1.18241	0.000000	6	7
KY_RS	06/07/2021	2	139,875.17	1.0417	0.000000	6	7
KY_RS	06/07/2021	3	127,292.58	0.948	0.000000	6	7
KY_RS	06/07/2021	4	119,332.10	0.88871	0.000000	6	7
KY_RS	06/07/2021	5	114,804.16	0.85499	0.000000	6	7
KY_RS	06/07/2021	6	116,429.31	0.86709	0.000000	6	7
KY_RS	06/07/2021	7	123,968.49	0.92324	0.007422	6	7
KY_RS	06/07/2021	8	131,711.68	0.98091	0.467246	6	7
KY_RS	06/07/2021	9	138,398.82	1.03071	1.447599	6	7

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	06/07/2021	10	150,187.37	1.1185	2.530829	6	7
KY_RS	06/07/2021	11	160,795.43	1.1975	3.384467	6	7
KY_RS	06/07/2021	12	182,540.59	1.35945	4.010699	6	7
KY_RS	06/07/2021	13	202,934.32	1.51133	4.376714	6	7
KY_RS	06/07/2021	14	214,262.48	1.59569	4.480266	6	7
KY_RS	06/07/2021	15	216,572.85	1.6129	4.336690	6	7
KY_RS	06/07/2021	16	230,178.43	1.71423	3.996921	6	7
KY_RS	06/07/2021	17	240,752.29	1.79297	3.421855	6	7
KY_RS	06/07/2021	18	253,817.41	1.89027	2.166230	6	7
KY_RS	06/07/2021	19	258,807.25	1.92743	1.644191	6	7
KY_RS	06/07/2021	20	258,746.90	1.92699	0.635870	6	7
KY_RS	06/07/2021	21	248,711.49	1.85225	0.059368	6	7
KY_RS	06/07/2021	22	236,122.02	1.75849	0.000000	6	7
KY_RS	06/07/2021	23	216,109.04	1.60945	0.000000	6	7
KY_RS	06/07/2021	24	186,458.22	1.38862	0.000000	6	7
KY_RS	06/08/2021	1	159,711.36	1.18943	0.000000	6	8
KY_RS	06/08/2021	2	141,822.47	1.05621	0.000000	6	8
KY_RS	06/08/2021	3	129,956.94	0.96784	0.000000	6	8
KY_RS	06/08/2021	4	121,446.06	0.90445	0.000000	6	8
KY_RS	06/08/2021	5	116,815.26	0.86997	0.000000	6	8
KY_RS	06/08/2021	6	117,631.23	0.87604	0.000000	6	8
KY_RS	06/08/2021	7	125,181.65	0.93227	0.004042	6	8
KY_RS	06/08/2021	8	133,831.82	0.9967	0.452329	6	8
KY_RS	06/08/2021	9	139,068.29	1.03569	1.438096	6	8
KY_RS	06/08/2021	10	149,698.03	1.11486	2.531841	6	8
KY_RS	06/08/2021	11	168,890.78	1.25779	3.411810	6	8
KY_RS	06/08/2021	12	191,674.26	1.42747	4.075447	6	8
KY_RS	06/08/2021	13	206,925.53	1.54105	4.455600	6	8
KY_RS	06/08/2021	14	216,550.19	1.61273	3.779143	6	8
KY_RS	06/08/2021	15	223,383.87	1.66362	3.992732	6	8
KY_RS	06/08/2021	16	229,646.25	1.71026	3.972595	6	8
KY_RS	06/08/2021	17	236,487.69	1.76121	3.393653	6	8
KY_RS	06/08/2021	18	241,801.86	1.80079	2.203548	6	8

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	06/08/2021	19	238,899.55	1.77917	1.558246	6	8
KY_RS	06/08/2021	20	231,871.84	1.72684	0.583757	6	8
KY_RS	06/08/2021	21	225,063.79	1.67613	0.067729	6	8
KY_RS	06/08/2021	22	218,939.92	1.63053	0.000000	6	8
KY_RS	06/08/2021	23	203,160.21	1.51301	0.000000	6	8
KY_RS	06/08/2021	24	178,191.08	1.32706	0.000000	6	8
KY_RS	06/09/2021	1	154,377.80	1.14971	0.000000	6	9
KY_RS	06/09/2021	2	137,463.18	1.02374	0.000000	6	9
KY_RS	06/09/2021	3	125,406.18	0.93395	0.000000	6	9
KY_RS	06/09/2021	4	118,365.63	0.88151	0.000000	6	9
KY_RS	06/09/2021	5	115,200.05	0.85794	0.000000	6	9
KY_RS	06/09/2021	6	117,398.10	0.87431	0.000000	6	9
KY_RS	06/09/2021	7	124,930.78	0.93041	0.000000	6	9
KY_RS	06/09/2021	8	132,816.61	0.98914	0.442225	6	9
KY_RS	06/09/2021	9	137,671.99	1.0253	1.459424	6	9
KY_RS	06/09/2021	10	141,865.88	1.05653	2.582509	6	9
KY_RS	06/09/2021	11	147,379.42	1.09759	3.447946	6	9
KY_RS	06/09/2021	12	151,255.60	1.12646	4.018245	6	9
KY_RS	06/09/2021	13	156,576.57	1.16608	4.396677	6	9
KY_RS	06/09/2021	14	159,398.91	1.1871	4.488321	6	9
KY_RS	06/09/2021	15	167,247.97	1.24556	4.363502	6	9
KY_RS	06/09/2021	16	176,022.45	1.31091	4.019287	6	9
KY_RS	06/09/2021	17	190,535.50	1.41899	3.432930	6	9
KY_RS	06/09/2021	18	209,098.49	1.55724	2.648737	6	9
KY_RS	06/09/2021	19	219,242.15	1.63278	1.653238	6	9
KY_RS	06/09/2021	20	217,444.20	1.61939	0.648648	6	9
KY_RS	06/09/2021	21	212,493.49	1.58252	0.070346	6	9
KY_RS	06/09/2021	22	208,344.23	1.55162	0.000000	6	9
KY_RS	06/09/2021	23	195,030.23	1.45246	0.000000	6	9
KY_RS	06/09/2021	24	170,154.40	1.2672	0.000000	6	9
KY_RS	06/10/2021	1	148,001.08	1.10222	0.000000	6	10
KY_RS	06/10/2021	2	131,202.66	0.97712	0.000000	6	10
KY_RS	06/10/2021	3	120,908.55	0.90045	0.000000	6	10

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	06/10/2021	4	114,903.69	0.85573	0.000000	6	10
KY_RS	06/10/2021	5	112,512.02	0.83792	0.000000	6	10
KY_RS	06/10/2021	6	114,951.20	0.85608	0.000000	6	10
KY_RS	06/10/2021	7	123,321.53	0.91842	0.000000	6	10
KY_RS	06/10/2021	8	133,289.98	0.99266	0.461382	6	10
KY_RS	06/10/2021	9	141,461.22	1.05351	1.411796	6	10
KY_RS	06/10/2021	10	152,339.84	1.13453	2.481129	6	10
KY_RS	06/10/2021	11	167,242.78	1.24552	3.340402	6	10
KY_RS	06/10/2021	12	185,244.97	1.37959	3.438061	6	10
KY_RS	06/10/2021	13	197,982.37	1.47445	3.624470	6	10
KY_RS	06/10/2021	14	204,565.20	1.52347	1.686071	6	10
KY_RS	06/10/2021	15	213,071.61	1.58682	4.083675	6	10
KY_RS	06/10/2021	16	225,581.37	1.67999	3.724497	6	10
KY_RS	06/10/2021	17	237,420.35	1.76816	2.688872	6	10
KY_RS	06/10/2021	18	262,814.04	1.95728	1.926794	6	10
KY_RS	06/10/2021	19	267,125.05	1.98938	0.674138	6	10
KY_RS	06/10/2021	20	258,262.70	1.92338	0.023737	6	10
KY_RS	06/10/2021	21	250,048.87	1.86221	0.000000	6	10
KY_RS	06/10/2021	22	242,400.69	1.80525	0.000000	6	10
KY_RS	06/10/2021	23	224,948.13	1.67527	0.000000	6	10
KY_RS	06/10/2021	24	197,006.77	1.46718	0.000000	6	10
KY_RS	06/11/2021	1	170,790.03	1.27194	0.000000	6	11
KY_RS	06/11/2021	2	151,422.67	1.1277	0.000000	6	11
KY_RS	06/11/2021	3	137,844.84	1.02658	0.000000	6	11
KY_RS	06/11/2021	4	130,300.95	0.9704	0.000000	6	11
KY_RS	06/11/2021	5	126,186.00	0.93975	0.000000	6	11
KY_RS	06/11/2021	6	126,480.05	0.94194	0.000000	6	11
KY_RS	06/11/2021	7	132,123.95	0.98398	0.000000	6	11
KY_RS	06/11/2021	8	141,735.52	1.05556	0.014565	6	11
KY_RS	06/11/2021	9	149,041.70	1.10997	1.155541	6	11
KY_RS	06/11/2021	10	162,842.41	1.21275	2.615152	6	11
KY_RS	06/11/2021	11	187,233.56	1.3944	1.852893	6	11
KY_RS	06/11/2021	12	204,725.57	1.52467	4.161295	6	11

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	06/11/2021	13	224,544.89	1.67227	4.547109	6	11
KY_RS	06/11/2021	14	237,919.64	1.77188	4.652538	6	11
KY_RS	06/11/2021	15	242,486.44	1.80589	4.599745	6	11
KY_RS	06/11/2021	16	247,062.44	1.83997	4.250832	6	11
KY_RS	06/11/2021	17	239,446.53	1.78325	2.977346	6	11
KY_RS	06/11/2021	18	237,826.63	1.77118	2.831650	6	11
KY_RS	06/11/2021	19	234,133.11	1.74368	1.762132	6	11
KY_RS	06/11/2021	20	230,343.16	1.71545	0.644049	6	11
KY_RS	06/11/2021	21	226,965.75	1.6903	0.090059	6	11
KY_RS	06/11/2021	22	219,252.38	1.63285	0.000000	6	11
KY_RS	06/11/2021	23	208,547.92	1.55313	0.000000	6	11
KY_RS	06/11/2021	24	187,699.25	1.39787	0.000000	6	11
KY_RS	06/12/2021	1	165,118.47	1.2297	0.000000	6	12
KY_RS	06/12/2021	2	145,523.49	1.08377	0.000000	6	12
KY_RS	06/12/2021	3	131,893.01	0.98226	0.000000	6	12
KY_RS	06/12/2021	4	121,645.31	0.90594	0.000000	6	12
KY_RS	06/12/2021	5	114,974.77	0.85626	0.000000	6	12
KY_RS	06/12/2021	6	112,031.83	0.83434	0.000000	6	12
KY_RS	06/12/2021	7	114,369.92	0.85176	0.009576	6	12
KY_RS	06/12/2021	8	124,226.59	0.92516	0.120665	6	12
KY_RS	06/12/2021	9	143,918.77	1.07182	0.416326	6	12
KY_RS	06/12/2021	10	175,347.82	1.30588	0.736789	6	12
KY_RS	06/12/2021	11	205,530.71	1.53066	3.629498	6	12
KY_RS	06/12/2021	12	235,845.81	1.75643	4.312665	6	12
KY_RS	06/12/2021	13	259,796.04	1.9348	4.748885	6	12
KY_RS	06/12/2021	14	277,634.46	2.06765	4.929021	6	12
KY_RS	06/12/2021	15	290,762.67	2.16542	4.861549	6	12
KY_RS	06/12/2021	16	297,360.37	2.21455	4.542343	6	12
KY_RS	06/12/2021	17	307,471.69	2.28986	3.219951	6	12
KY_RS	06/12/2021	18	314,358.60	2.34115	2.621036	6	12
KY_RS	06/12/2021	19	304,043.68	2.26433	1.766018	6	12
KY_RS	06/12/2021	20	291,165.83	2.16842	0.660699	6	12
KY_RS	06/12/2021	21	278,253.43	2.07226	0.082227	6	12

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	06/12/2021	22	266,901.50	1.98772	0.000000	6	12
KY_RS	06/12/2021	23	251,533.97	1.87327	0.000000	6	12
KY_RS	06/12/2021	24	228,063.40	1.69847	0.000000	6	12
KY_RS	06/13/2021	1	203,591.34	1.51622	0.000000	6	13
KY_RS	06/13/2021	2	182,919.33	1.36227	0.000000	6	13
KY_RS	06/13/2021	3	167,543.67	1.24776	0.000000	6	13
KY_RS	06/13/2021	4	154,843.04	1.15317	0.000000	6	13
KY_RS	06/13/2021	5	144,993.92	1.07982	0.000000	6	13
KY_RS	06/13/2021	6	138,358.59	1.03041	0.000000	6	13
KY_RS	06/13/2021	7	135,702.45	1.01063	0.000896	6	13
KY_RS	06/13/2021	8	148,169.77	1.10348	0.409687	6	13
KY_RS	06/13/2021	9	179,114.49	1.33393	0.688506	6	13
KY_RS	06/13/2021	10	212,375.33	1.58164	1.586666	6	13
KY_RS	06/13/2021	11	243,039.72	1.81001	3.709748	6	13
KY_RS	06/13/2021	12	268,787.06	2.00176	4.367536	6	13
KY_RS	06/13/2021	13	291,937.69	2.17417	4.748512	6	13
KY_RS	06/13/2021	14	306,999.04	2.28634	4.901973	6	13
KY_RS	06/13/2021	15	316,608.25	2.3579	4.759450	6	13
KY_RS	06/13/2021	16	317,549.68	2.36491	4.438387	6	13
KY_RS	06/13/2021	17	331,001.04	2.46509	3.844888	6	13
KY_RS	06/13/2021	18	338,576.86	2.52151	2.995131	6	13
KY_RS	06/13/2021	19	341,260.87	2.5415	1.859407	6	13
KY_RS	06/13/2021	20	335,758.42	2.50052	0.671470	6	13
KY_RS	06/13/2021	21	320,384.18	2.38602	0.089882	6	13
KY_RS	06/13/2021	22	301,186.82	2.24305	0.000000	6	13
KY_RS	06/13/2021	23	272,816.82	2.03177	0.000000	6	13
KY_RS	06/13/2021	24	231,919.21	1.72719	0.000000	6	13
KY_RS	06/14/2021	1	195,232.08	1.45397	0.000000	6	14
KY_RS	06/14/2021	2	167,087.33	1.24436	0.000000	6	14
KY_RS	06/14/2021	3	147,195.72	1.09622	0.000000	6	14
KY_RS	06/14/2021	4	133,003.74	0.99053	0.000000	6	14
KY_RS	06/14/2021	5	123,648.76	0.92086	0.000000	6	14
KY_RS	06/14/2021	6	119,727.89	0.89166	0.000000	6	14

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	06/14/2021	7	123,019.42	0.91617	0.012322	6	14
KY_RS	06/14/2021	8	134,670.53	1.00294	0.406539	6	14
KY_RS	06/14/2021	9	149,841.24	1.11592	1.425609	6	14
KY_RS	06/14/2021	10	169,761.66	1.26428	2.187196	6	14
KY_RS	06/14/2021	11	191,985.16	1.42979	3.295080	6	14
KY_RS	06/14/2021	12	212,685.87	1.58395	3.887807	6	14
KY_RS	06/14/2021	13	230,241.51	1.7147	4.168475	6	14
KY_RS	06/14/2021	14	250,058.70	1.86228	4.437511	6	14
KY_RS	06/14/2021	15	268,088.07	1.99655	4.157697	6	14
KY_RS	06/14/2021	16	286,151.34	2.13108	3.893852	6	14
KY_RS	06/14/2021	17	305,077.95	2.27203	3.423980	6	14
KY_RS	06/14/2021	18	320,651.98	2.38802	2.686647	6	14
KY_RS	06/14/2021	19	323,135.04	2.40651	1.856244	6	14
KY_RS	06/14/2021	20	311,439.00	2.3194	0.676816	6	14
KY_RS	06/14/2021	21	289,391.74	2.15521	0.091404	6	14
KY_RS	06/14/2021	22	269,080.66	2.00394	0.000000	6	14
KY_RS	06/14/2021	23	241,809.69	1.80085	0.000000	6	14
KY_RS	06/14/2021	24	204,961.64	1.52643	0.000000	6	14
KY_RS	06/15/2021	1	172,294.36	1.28314	0.000000	6	15
KY_RS	06/15/2021	2	147,819.29	1.10087	0.000000	6	15
KY_RS	06/15/2021	3	130,105.37	0.96894	0.000000	6	15
KY_RS	06/15/2021	4	117,680.61	0.87641	0.000000	6	15
KY_RS	06/15/2021	5	110,283.92	0.82133	0.000000	6	15
KY_RS	06/15/2021	6	108,525.07	0.80823	0.000000	6	15
KY_RS	06/15/2021	7	113,443.70	0.84486	0.004126	6	15
KY_RS	06/15/2021	8	124,044.57	0.92381	0.404485	6	15
KY_RS	06/15/2021	9	135,298.44	1.00762	1.116666	6	15
KY_RS	06/15/2021	10	147,886.37	1.10137	0.258631	6	15
KY_RS	06/15/2021	11	161,892.71	1.20568	0.307102	6	15
KY_RS	06/15/2021	12	175,409.72	1.30634	0.387210	6	15
KY_RS	06/15/2021	13	188,093.00	1.4008	0.585270	6	15
KY_RS	06/15/2021	14	197,585.05	1.47149	1.446263	6	15
KY_RS	06/15/2021	15	207,109.95	1.54243	1.262903	6	15

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	06/15/2021	16	220,753.09	1.64403	1.008901	6	15
KY_RS	06/15/2021	17	237,847.96	1.77134	0.836065	6	15
KY_RS	06/15/2021	18	254,498.90	1.89535	1.061124	6	15
KY_RS	06/15/2021	19	254,108.52	1.89244	1.085371	6	15
KY_RS	06/15/2021	20	248,003.21	1.84697	0.588576	6	15
KY_RS	06/15/2021	21	235,205.84	1.75167	0.097342	6	15
KY_RS	06/15/2021	22	220,665.17	1.64338	0.000000	6	15
KY_RS	06/15/2021	23	200,021.14	1.48963	0.000000	6	15
KY_RS	06/15/2021	24	169,288.59	1.26076	0.000000	6	15
KY_RS	06/16/2021	1	143,297.64	1.06719	0.000000	6	16
KY_RS	06/16/2021	2	123,673.12	0.92104	0.000000	6	16
KY_RS	06/16/2021	3	111,461.26	0.83009	0.000000	6	16
KY_RS	06/16/2021	4	103,320.78	0.76947	0.000000	6	16
KY_RS	06/16/2021	5	98,691.68	0.73499	0.000000	6	16
KY_RS	06/16/2021	6	99,650.94	0.74214	0.000000	6	16
KY_RS	06/16/2021	7	105,865.63	0.78842	0.011735	6	16
KY_RS	06/16/2021	8	114,177.30	0.85032	0.386899	6	16
KY_RS	06/16/2021	9	125,045.58	0.93126	1.548143	6	16
KY_RS	06/16/2021	10	136,089.06	1.01351	2.775082	6	16
KY_RS	06/16/2021	11	147,488.78	1.0984	3.680557	6	16
KY_RS	06/16/2021	12	159,039.26	1.18443	4.346320	6	16
KY_RS	06/16/2021	13	170,905.44	1.2728	4.729029	6	16
KY_RS	06/16/2021	14	181,456.47	1.35137	4.918608	6	16
KY_RS	06/16/2021	15	194,309.52	1.4471	4.811897	6	16
KY_RS	06/16/2021	16	211,626.95	1.57607	3.239557	6	16
KY_RS	06/16/2021	17	231,473.08	1.72387	3.854404	6	16
KY_RS	06/16/2021	18	250,050.45	1.86222	1.711463	6	16
KY_RS	06/16/2021	19	257,246.40	1.91581	1.848397	6	16
KY_RS	06/16/2021	20	251,572.04	1.87355	0.647561	6	16
KY_RS	06/16/2021	21	236,454.88	1.76097	0.085966	6	16
KY_RS	06/16/2021	22	214,893.88	1.6004	0.000000	6	16
KY_RS	06/16/2021	23	197,756.58	1.47277	0.000000	6	16
KY_RS	06/16/2021	24	165,582.44	1.23315	0.000000	6	16

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	06/17/2021	1	137,138.44	1.02132	0.000000	6	17
KY_RS	06/17/2021	2	117,872.09	0.87784	0.000000	6	17
KY_RS	06/17/2021	3	105,631.32	0.78668	0.000000	6	17
KY_RS	06/17/2021	4	98,140.42	0.73089	0.000000	6	17
KY_RS	06/17/2021	5	94,263.24	0.70201	0.000000	6	17
KY_RS	06/17/2021	6	95,799.37	0.71345	0.000000	6	17
KY_RS	06/17/2021	7	102,412.63	0.76271	0.014439	6	17
KY_RS	06/17/2021	8	112,367.42	0.83684	0.150330	6	17
KY_RS	06/17/2021	9	122,873.11	0.91508	0.962697	6	17
KY_RS	06/17/2021	10	135,802.89	1.01138	2.621891	6	17
KY_RS	06/17/2021	11	151,260.89	1.1265	3.030408	6	17
KY_RS	06/17/2021	12	168,142.22	1.25222	2.857188	6	17
KY_RS	06/17/2021	13	185,284.68	1.37988	4.482015	6	17
KY_RS	06/17/2021	14	200,920.26	1.49633	4.626654	6	17
KY_RS	06/17/2021	15	217,747.50	1.62165	4.564323	6	17
KY_RS	06/17/2021	16	238,406.58	1.7755	4.252169	6	17
KY_RS	06/17/2021	17	261,347.24	1.94635	3.674720	6	17
KY_RS	06/17/2021	18	282,854.61	2.10652	2.704366	6	17
KY_RS	06/17/2021	19	291,031.18	2.16742	1.426692	6	17
KY_RS	06/17/2021	20	285,832.12	2.1287	0.576908	6	17
KY_RS	06/17/2021	21	270,118.59	2.01167	0.104306	6	17
KY_RS	06/17/2021	22	253,708.10	1.88946	0.000000	6	17
KY_RS	06/17/2021	23	231,895.08	1.72701	0.000000	6	17
KY_RS	06/17/2021	24	198,796.36	1.48051	0.000000	6	17
KY_RS	06/18/2021	1	169,159.76	1.2598	0.000000	6	18
KY_RS	06/18/2021	2	146,057.02	1.08774	0.000000	6	18
KY_RS	06/18/2021	3	130,127.29	0.96911	0.000000	6	18
KY_RS	06/18/2021	4	119,183.97	0.88761	0.000000	6	18
KY_RS	06/18/2021	5	113,890.63	0.84819	0.000000	6	18
KY_RS	06/18/2021	6	112,979.94	0.8414	0.000000	6	18
KY_RS	06/18/2021	7	118,101.14	0.87954	0.000000	6	18
KY_RS	06/18/2021	8	129,293.92	0.9629	0.060134	6	18
KY_RS	06/18/2021	9	140,299.56	1.04486	0.287438	6	18

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	06/18/2021	10	159,599.44	1.1886	0.482963	6	18
KY_RS	06/18/2021	11	170,396.16	1.269	0.990785	6	18
KY_RS	06/18/2021	12	172,806.79	1.28696	1.387821	6	18
KY_RS	06/18/2021	13	172,247.41	1.28279	0.855023	6	18
KY_RS	06/18/2021	14	187,413.61	1.39574	1.656766	6	18
KY_RS	06/18/2021	15	214,119.68	1.59463	2.322229	6	18
KY_RS	06/18/2021	16	244,554.26	1.82129	3.767074	6	18
KY_RS	06/18/2021	17	276,671.38	2.06048	2.429717	6	18
KY_RS	06/18/2021	18	299,791.55	2.23266	2.030080	6	18
KY_RS	06/18/2021	19	305,296.47	2.27366	1.477554	6	18
KY_RS	06/18/2021	20	294,578.04	2.19383	0.301987	6	18
KY_RS	06/18/2021	21	282,626.46	2.10483	0.029055	6	18
KY_RS	06/18/2021	22	257,334.25	1.91646	0.000000	6	18
KY_RS	06/18/2021	23	220,221.97	1.64008	0.000000	6	18
KY_RS	06/18/2021	24	193,472.96	1.44087	0.000000	6	18
KY_RS	06/19/2021	1	166,690.57	1.24141	0.000000	6	19
KY_RS	06/19/2021	2	146,840.66	1.09358	0.000000	6	19
KY_RS	06/19/2021	3	132,147.70	0.98415	0.000000	6	19
KY_RS	06/19/2021	4	123,112.72	0.91687	0.000000	6	19
KY_RS	06/19/2021	5	116,270.53	0.86591	0.000000	6	19
KY_RS	06/19/2021	6	111,338.11	0.82918	0.000000	6	19
KY_RS	06/19/2021	7	111,224.31	0.82833	0.000000	6	19
KY_RS	06/19/2021	8	115,677.30	0.86149	0.165431	6	19
KY_RS	06/19/2021	9	125,858.99	0.93732	0.350242	6	19
KY_RS	06/19/2021	10	136,242.58	1.01465	0.099113	6	19
KY_RS	06/19/2021	11	156,767.24	1.1675	0.385732	6	19
KY_RS	06/19/2021	12	183,093.20	1.36356	1.821204	6	19
KY_RS	06/19/2021	13	198,581.37	1.47891	3.203907	6	19
KY_RS	06/19/2021	14	197,308.25	1.46943	1.343753	6	19
KY_RS	06/19/2021	15	194,783.19	1.45062	0.506106	6	19
KY_RS	06/19/2021	16	210,652.49	1.56881	1.422190	6	19
KY_RS	06/19/2021	17	230,396.76	1.71585	1.945636	6	19
KY_RS	06/19/2021	18	250,718.44	1.86719	1.156547	6	19

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	06/19/2021	19	259,014.01	1.92897	1.707294	6	19
KY_RS	06/19/2021	20	254,886.16	1.89823	0.550309	6	19
KY_RS	06/19/2021	21	243,305.48	1.81199	0.110946	6	19
KY_RS	06/19/2021	22	233,104.93	1.73602	0.000000	6	19
KY_RS	06/19/2021	23	222,529.91	1.65726	0.000000	6	19
KY_RS	06/19/2021	24	201,274.33	1.49897	0.000000	6	19
KY_RS	06/20/2021	1	178,353.52	1.32827	0.000000	6	20
KY_RS	06/20/2021	2	159,718.58	1.18948	0.000000	6	20
KY_RS	06/20/2021	3	146,829.21	1.09349	0.000000	6	20
KY_RS	06/20/2021	4	137,606.67	1.02481	0.000000	6	20
KY_RS	06/20/2021	5	130,177.06	0.96948	0.000000	6	20
KY_RS	06/20/2021	6	125,579.83	0.93524	0.000000	6	20
KY_RS	06/20/2021	7	125,750.20	0.93651	0.000000	6	20
KY_RS	06/20/2021	8	141,187.89	1.05148	0.085918	6	20
KY_RS	06/20/2021	9	170,554.68	1.27018	0.074847	6	20
KY_RS	06/20/2021	10	193,056.47	1.43776	0.098510	6	20
KY_RS	06/20/2021	11	227,147.31	1.69165	0.539805	6	20
KY_RS	06/20/2021	12	252,320.02	1.87912	0.282332	6	20
KY_RS	06/20/2021	13	271,294.23	2.02043	0.478796	6	20
KY_RS	06/20/2021	14	283,227.65	2.1093	2.288578	6	20
KY_RS	06/20/2021	15	293,760.21	2.18774	2.944618	6	20
KY_RS	06/20/2021	16	304,571.60	2.26826	3.143497	6	20
KY_RS	06/20/2021	17	316,700.49	2.35859	2.556728	6	20
KY_RS	06/20/2021	18	324,278.72	2.41503	1.701824	6	20
KY_RS	06/20/2021	19	324,417.77	2.41606	0.900085	6	20
KY_RS	06/20/2021	20	318,345.88	2.37084	0.452990	6	20
KY_RS	06/20/2021	21	308,201.84	2.2953	0.024188	6	20
KY_RS	06/20/2021	22	297,310.65	2.21418	0.000000	6	20
KY_RS	06/20/2021	23	276,084.06	2.0561	0.000000	6	20
KY_RS	06/20/2021	24	243,196.48	1.81118	0.000000	6	20
KY_RS	06/21/2021	1	212,951.85	1.58593	0.000000	6	21
KY_RS	06/21/2021	2	190,788.50	1.42087	0.000000	6	21
KY_RS	06/21/2021	3	176,889.82	1.31736	0.000000	6	21

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	06/21/2021	4	167,654.75	1.24859	0.000000	6	21
KY_RS	06/21/2021	5	163,136.53	1.21494	0.000000	6	21
KY_RS	06/21/2021	6	162,289.60	1.20863	0.000000	6	21
KY_RS	06/21/2021	7	165,114.92	1.22967	0.000000	6	21
KY_RS	06/21/2021	8	175,148.71	1.3044	0.220442	6	21
KY_RS	06/21/2021	9	183,567.27	1.36709	1.409559	6	21
KY_RS	06/21/2021	10	205,494.68	1.5304	2.539701	6	21
KY_RS	06/21/2021	11	229,159.69	1.70664	3.421059	6	21
KY_RS	06/21/2021	12	248,782.16	1.85277	4.076438	6	21
KY_RS	06/21/2021	13	257,474.20	1.91751	4.464367	6	21
KY_RS	06/21/2021	14	255,885.83	1.90568	4.630638	6	21
KY_RS	06/21/2021	15	247,344.02	1.84206	2.249895	6	21
KY_RS	06/21/2021	16	242,993.38	1.80966	0.464379	6	21
KY_RS	06/21/2021	17	239,676.17	1.78496	0.358946	6	21
KY_RS	06/21/2021	18	242,357.81	1.80493	0.722974	6	21
KY_RS	06/21/2021	19	237,146.37	1.76612	0.585000	6	21
KY_RS	06/21/2021	20	224,345.98	1.67079	0.520812	6	21
KY_RS	06/21/2021	21	211,966.20	1.57859	0.085177	6	21
KY_RS	06/21/2021	22	200,184.96	1.49085	0.000000	6	21
KY_RS	06/21/2021	23	179,891.42	1.33972	0.000000	6	21
KY_RS	06/21/2021	24	154,714.79	1.15222	0.000000	6	21
KY_RS	06/22/2021	1	133,261.38	0.99245	0.000000	6	22
KY_RS	06/22/2021	2	117,983.29	0.87867	0.000000	6	22
KY_RS	06/22/2021	3	107,798.95	0.80282	0.000000	6	22
KY_RS	06/22/2021	4	100,491.93	0.7484	0.000000	6	22
KY_RS	06/22/2021	5	96,578.89	0.71926	0.000000	6	22
KY_RS	06/22/2021	6	96,776.39	0.72073	0.000000	6	22
KY_RS	06/22/2021	7	102,203.42	0.76115	0.020823	6	22
KY_RS	06/22/2021	8	109,791.99	0.81766	0.014538	6	22
KY_RS	06/22/2021	9	116,504.08	0.86765	0.350595	6	22
KY_RS	06/22/2021	10	123,247.78	0.91787	0.778483	6	22
KY_RS	06/22/2021	11	129,130.70	0.96168	1.357200	6	22
KY_RS	06/22/2021	12	133,082.08	0.99111	2.136244	6	22

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	06/22/2021	13	136,539.17	1.01686	2.259996	6	22
KY_RS	06/22/2021	14	138,023.05	1.02791	2.115384	6	22
KY_RS	06/22/2021	15	141,678.89	1.05514	2.254997	6	22
KY_RS	06/22/2021	16	150,807.01	1.12312	3.235587	6	22
KY_RS	06/22/2021	17	165,870.79	1.2353	3.804344	6	22
KY_RS	06/22/2021	18	182,829.99	1.3616	2.951836	6	22
KY_RS	06/22/2021	19	190,689.65	1.42014	1.448476	6	22
KY_RS	06/22/2021	20	187,419.71	1.39579	0.544747	6	22
KY_RS	06/22/2021	21	176,333.71	1.31322	0.020042	6	22
KY_RS	06/22/2021	22	167,073.73	1.24426	0.000000	6	22
KY_RS	06/22/2021	23	152,069.73	1.13252	0.000000	6	22
KY_RS	06/22/2021	24	127,774.40	0.95158	0.000000	6	22
KY_RS	06/23/2021	1	107,450.55	0.80022	0.000000	6	23
KY_RS	06/23/2021	2	94,115.29	0.70091	0.000000	6	23
KY_RS	06/23/2021	3	86,442.94	0.64377	0.000000	6	23
KY_RS	06/23/2021	4	82,316.96	0.61305	0.000000	6	23
KY_RS	06/23/2021	5	81,378.44	0.60606	0.000000	6	23
KY_RS	06/23/2021	6	84,444.30	0.62889	0.000000	6	23
KY_RS	06/23/2021	7	92,180.41	0.6865	0.014225	6	23
KY_RS	06/23/2021	8	99,845.96	0.74359	0.332918	6	23
KY_RS	06/23/2021	9	103,514.67	0.77091	1.478655	6	23
KY_RS	06/23/2021	10	106,987.74	0.79678	2.711845	6	23
KY_RS	06/23/2021	11	113,818.01	0.84765	0.812871	6	23
KY_RS	06/23/2021	12	120,837.54	0.89992	0.600027	6	23
KY_RS	06/23/2021	13	128,264.30	0.95523	1.958155	6	23
KY_RS	06/23/2021	14	135,095.07	1.0061	4.881762	6	23
KY_RS	06/23/2021	15	145,755.98	1.0855	3.210024	6	23
KY_RS	06/23/2021	16	158,670.96	1.18168	2.890291	6	23
KY_RS	06/23/2021	17	172,159.46	1.28214	3.875539	6	23
KY_RS	06/23/2021	18	185,932.24	1.38471	2.205679	6	23
KY_RS	06/23/2021	19	200,491.40	1.49313	1.506031	6	23
KY_RS	06/23/2021	20	201,981.87	1.50423	0.682036	6	23
KY_RS	06/23/2021	21	193,376.66	1.44015	0.090138	6	23

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	06/23/2021	22	183,334.21	1.36536	0.000000	6	23
KY_RS	06/23/2021	23	168,058.54	1.2516	0.000000	6	23
KY_RS	06/23/2021	24	142,874.84	1.06404	0.000000	6	23
KY_RS	06/24/2021	1	120,036.52	0.89396	0.000000	6	24
KY_RS	06/24/2021	2	104,225.61	0.77621	0.000000	6	24
KY_RS	06/24/2021	3	94,355.89	0.7027	0.000000	6	24
KY_RS	06/24/2021	4	88,818.70	0.66147	0.000000	6	24
KY_RS	06/24/2021	5	86,500.92	0.6442	0.000000	6	24
KY_RS	06/24/2021	6	88,776.16	0.66115	0.000000	6	24
KY_RS	06/24/2021	7	96,115.30	0.71581	0.015093	6	24
KY_RS	06/24/2021	8	105,978.36	0.78926	0.256333	6	24
KY_RS	06/24/2021	9	114,439.15	0.85227	0.765705	6	24
KY_RS	06/24/2021	10	125,788.45	0.93679	0.328066	6	24
KY_RS	06/24/2021	11	141,213.47	1.05167	0.587508	6	24
KY_RS	06/24/2021	12	160,306.89	1.19387	0.221909	6	24
KY_RS	06/24/2021	13	180,828.39	1.3467	1.769810	6	24
KY_RS	06/24/2021	14	200,097.40	1.4902	1.863193	6	24
KY_RS	06/24/2021	15	217,454.85	1.61947	2.773009	6	24
KY_RS	06/24/2021	16	233,057.35	1.73567	1.066844	6	24
KY_RS	06/24/2021	17	247,122.88	1.84042	2.487391	6	24
KY_RS	06/24/2021	18	259,462.94	1.93232	1.912398	6	24
KY_RS	06/24/2021	19	261,979.86	1.95106	1.933440	6	24
KY_RS	06/24/2021	20	257,061.58	1.91443	0.650133	6	24
KY_RS	06/24/2021	21	247,565.81	1.84372	0.097562	6	24
KY_RS	06/24/2021	22	238,892.55	1.77912	0.000000	6	24
KY_RS	06/24/2021	23	221,938.53	1.65286	0.000000	6	24
KY_RS	06/24/2021	24	194,236.27	1.44655	0.000000	6	24
KY_RS	06/25/2021	1	169,714.77	1.26393	0.000000	6	25
KY_RS	06/25/2021	2	153,044.80	1.13978	0.000000	6	25
KY_RS	06/25/2021	3	139,194.76	1.03664	0.000000	6	25
KY_RS	06/25/2021	4	129,555.56	0.96485	0.000000	6	25
KY_RS	06/25/2021	5	125,403.95	0.93393	0.000000	6	25
KY_RS	06/25/2021	6	126,089.95	0.93904	0.000000	6	25

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	06/25/2021	7	130,723.70	0.97355	0.015307	6	25
KY_RS	06/25/2021	8	140,100.61	1.04338	0.350605	6	25
KY_RS	06/25/2021	9	146,820.21	1.09343	1.498626	6	25
KY_RS	06/25/2021	10	155,360.96	1.15703	2.759201	6	25
KY_RS	06/25/2021	11	165,037.58	1.2291	2.544207	6	25
KY_RS	06/25/2021	12	171,691.05	1.27865	3.660788	6	25
KY_RS	06/25/2021	13	184,115.02	1.37117	3.778798	6	25
KY_RS	06/25/2021	14	203,094.70	1.51252	3.663660	6	25
KY_RS	06/25/2021	15	213,861.13	1.5927	3.502632	6	25
KY_RS	06/25/2021	16	226,344.96	1.68568	3.336648	6	25
KY_RS	06/25/2021	17	246,596.96	1.8365	2.863903	6	25
KY_RS	06/25/2021	18	257,869.85	1.92045	2.558943	6	25
KY_RS	06/25/2021	19	263,559.74	1.96283	1.604295	6	25
KY_RS	06/25/2021	20	256,326.77	1.90896	0.653605	6	25
KY_RS	06/25/2021	21	246,924.58	1.83894	0.095292	6	25
KY_RS	06/25/2021	22	238,801.20	1.77844	0.000000	6	25
KY_RS	06/25/2021	23	227,655.91	1.69544	0.000000	6	25
KY_RS	06/25/2021	24	207,743.94	1.54715	0.000000	6	25
KY_RS	06/26/2021	1	185,036.18	1.37803	0.000000	6	26
KY_RS	06/26/2021	2	164,758.04	1.22702	0.000000	6	26
KY_RS	06/26/2021	3	148,793.65	1.10812	0.000000	6	26
KY_RS	06/26/2021	4	137,411.94	1.02336	0.000000	6	26
KY_RS	06/26/2021	5	129,885.83	0.96731	0.000000	6	26
KY_RS	06/26/2021	6	126,111.25	0.9392	0.000000	6	26
KY_RS	06/26/2021	7	127,090.38	0.94649	0.000000	6	26
KY_RS	06/26/2021	8	139,131.92	1.03617	0.015386	6	26
KY_RS	06/26/2021	9	157,176.05	1.17055	0.320413	6	26
KY_RS	06/26/2021	10	186,960.95	1.39237	0.411749	6	26
KY_RS	06/26/2021	11	214,534.75	1.59772	1.367376	6	26
KY_RS	06/26/2021	12	235,782.47	1.75596	1.784685	6	26
KY_RS	06/26/2021	13	250,706.99	1.86711	2.281193	6	26
KY_RS	06/26/2021	14	264,560.71	1.97028	2.472115	6	26
KY_RS	06/26/2021	15	273,786.94	2.03899	2.213196	6	26

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	06/26/2021	16	284,817.38	2.12114	3.918949	6	26
KY_RS	06/26/2021	17	295,533.44	2.20095	2.995710	6	26
KY_RS	06/26/2021	18	303,863.68	2.26299	2.338373	6	26
KY_RS	06/26/2021	19	304,502.44	2.26774	1.498715	6	26
KY_RS	06/26/2021	20	294,822.59	2.19565	0.647417	6	26
KY_RS	06/26/2021	21	277,228.15	2.06462	0.120021	6	26
KY_RS	06/26/2021	22	262,785.37	1.95706	0.000000	6	26
KY_RS	06/26/2021	23	246,179.61	1.83339	0.000000	6	26
KY_RS	06/26/2021	24	221,270.76	1.64789	0.000000	6	26
KY_RS	06/27/2021	1	194,033.63	1.44504	0.000000	6	27
KY_RS	06/27/2021	2	175,351.06	1.30591	0.000000	6	27
KY_RS	06/27/2021	3	159,535.18	1.18812	0.000000	6	27
KY_RS	06/27/2021	4	148,700.07	1.10743	0.000000	6	27
KY_RS	06/27/2021	5	140,128.56	1.04359	0.000000	6	27
KY_RS	06/27/2021	6	134,043.13	0.99827	0.000000	6	27
KY_RS	06/27/2021	7	131,838.41	0.98185	0.018809	6	27
KY_RS	06/27/2021	8	145,460.31	1.0833	0.378124	6	27
KY_RS	06/27/2021	9	176,274.41	1.31278	1.008075	6	27
KY_RS	06/27/2021	10	209,645.80	1.56131	1.679896	6	27
KY_RS	06/27/2021	11	239,500.80	1.78365	0.524216	6	27
KY_RS	06/27/2021	12	263,048.97	1.95902	2.496997	6	27
KY_RS	06/27/2021	13	280,242.09	2.08707	3.405694	6	27
KY_RS	06/27/2021	14	294,643.17	2.19432	4.165822	6	27
KY_RS	06/27/2021	15	307,627.03	2.29101	3.791396	6	27
KY_RS	06/27/2021	16	320,757.21	2.3888	2.064264	6	27
KY_RS	06/27/2021	17	330,241.65	2.45943	1.775664	6	27
KY_RS	06/27/2021	18	341,048.84	2.53992	1.948938	6	27
KY_RS	06/27/2021	19	344,869.98	2.56838	1.488696	6	27
KY_RS	06/27/2021	20	341,412.33	2.54263	0.619681	6	27
KY_RS	06/27/2021	21	329,362.92	2.45289	0.110652	6	27
KY_RS	06/27/2021	22	312,577.86	2.32788	0.000000	6	27
KY_RS	06/27/2021	23	290,056.38	2.16016	0.000000	6	27
KY_RS	06/27/2021	24	254,892.07	1.89828	0.000000	6	27

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	06/28/2021	1	222,700.03	1.65853	0.000000	6	28
KY_RS	06/28/2021	2	196,910.46	1.46647	0.000000	6	28
KY_RS	06/28/2021	3	178,001.89	1.32565	0.000000	6	28
KY_RS	06/28/2021	4	163,987.99	1.22128	0.000000	6	28
KY_RS	06/28/2021	5	154,084.75	1.14753	0.000000	6	28
KY_RS	06/28/2021	6	150,042.44	1.11742	0.000000	6	28
KY_RS	06/28/2021	7	152,565.10	1.13621	0.000000	6	28
KY_RS	06/28/2021	8	165,870.12	1.2353	0.342245	6	28
KY_RS	06/28/2021	9	187,246.88	1.3945	1.047747	6	28
KY_RS	06/28/2021	10	214,893.73	1.60039	2.133756	6	28
KY_RS	06/28/2021	11	243,982.17	1.81703	3.528497	6	28
KY_RS	06/28/2021	12	268,704.89	2.00115	4.256788	6	28
KY_RS	06/28/2021	13	284,652.60	2.11991	4.043486	6	28
KY_RS	06/28/2021	14	285,491.31	2.12616	4.385423	6	28
KY_RS	06/28/2021	15	283,233.58	2.10935	4.062510	6	28
KY_RS	06/28/2021	16	304,293.91	2.26619	3.902967	6	28
KY_RS	06/28/2021	17	328,274.45	2.44478	3.949562	6	28
KY_RS	06/28/2021	18	348,160.71	2.59288	3.120049	6	28
KY_RS	06/28/2021	19	357,259.44	2.66065	1.979458	6	28
KY_RS	06/28/2021	20	354,089.52	2.63704	0.698792	6	28
KY_RS	06/28/2021	21	339,330.65	2.52712	0.080548	6	28
KY_RS	06/28/2021	22	322,385.56	2.40093	0.000000	6	28
KY_RS	06/28/2021	23	298,838.46	2.22556	0.000000	6	28
KY_RS	06/28/2021	24	265,079.74	1.97415	0.000000	6	28
KY_RS	06/29/2021	1	234,465.16	1.74615	0.000000	6	29
KY_RS	06/29/2021	2	209,973.05	1.56375	0.000000	6	29
KY_RS	06/29/2021	3	190,791.12	1.42089	0.000000	6	29
KY_RS	06/29/2021	4	176,452.67	1.31411	0.000000	6	29
KY_RS	06/29/2021	5	166,990.66	1.24364	0.000000	6	29
KY_RS	06/29/2021	6	162,447.95	1.20981	0.000000	6	29
KY_RS	06/29/2021	7	163,944.28	1.22095	0.012023	6	29
KY_RS	06/29/2021	8	177,470.25	1.32169	0.311433	6	29
KY_RS	06/29/2021	9	199,693.10	1.48719	1.547922	6	29

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	06/29/2021	10	227,888.64	1.69717	2.852164	6	29
KY_RS	06/29/2021	11	256,491.64	1.91019	3.765603	6	29
KY_RS	06/29/2021	12	281,576.02	2.097	4.419919	6	29
KY_RS	06/29/2021	13	301,056.06	2.24208	4.809303	6	29
KY_RS	06/29/2021	14	315,548.93	2.35001	4.943474	6	29
KY_RS	06/29/2021	15	327,235.77	2.43705	4.855248	6	29
KY_RS	06/29/2021	16	341,276.30	2.54161	4.497706	6	29
KY_RS	06/29/2021	17	357,222.24	2.66037	3.917541	6	29
KY_RS	06/29/2021	18	368,999.43	2.74808	3.086896	6	29
KY_RS	06/29/2021	19	351,190.34	2.61545	1.947894	6	29
KY_RS	06/29/2021	20	328,347.76	2.44533	0.698539	6	29
KY_RS	06/29/2021	21	314,235.96	2.34023	0.094083	6	29
KY_RS	06/29/2021	22	300,091.15	2.23489	0.000000	6	29
KY_RS	06/29/2021	23	277,807.77	2.06894	0.000000	6	29
KY_RS	06/29/2021	24	247,796.08	1.84543	0.000000	6	29
KY_RS	06/30/2021	1	222,277.28	1.65538	0.000000	6	30
KY_RS	06/30/2021	2	200,590.65	1.49387	0.000000	6	30
KY_RS	06/30/2021	3	184,125.13	1.37125	0.000000	6	30
KY_RS	06/30/2021	4	171,500.83	1.27723	0.000000	6	30
KY_RS	06/30/2021	5	163,116.70	1.21479	0.000000	6	30
KY_RS	06/30/2021	6	160,360.36	1.19426	0.000000	6	30
KY_RS	06/30/2021	7	162,771.81	1.21222	0.007985	6	30
KY_RS	06/30/2021	8	170,476.89	1.26961	0.333707	6	30
KY_RS	06/30/2021	9	188,171.62	1.40138	1.458766	6	30
KY_RS	06/30/2021	10	192,149.10	1.43101	2.673782	6	30
KY_RS	06/30/2021	11	195,821.25	1.45835	3.553527	6	30
KY_RS	06/30/2021	12	212,687.52	1.58396	4.178019	6	30
KY_RS	06/30/2021	13	235,489.55	1.75378	4.551339	6	30
KY_RS	06/30/2021	14	250,579.44	1.86616	4.674830	6	30
KY_RS	06/30/2021	15	270,147.36	2.01189	4.583775	6	30
KY_RS	06/30/2021	16	284,520.04	2.11893	4.266264	6	30
KY_RS	06/30/2021	17	297,223.82	2.21354	3.721874	6	30
KY_RS	06/30/2021	18	303,869.54	2.26303	2.922972	6	30

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	06/30/2021	19	303,927.85	2.26347	1.861848	6	30
KY_RS	06/30/2021	20	287,758.44	2.14305	0.695946	6	30
KY_RS	06/30/2021	21	272,214.20	2.02728	0.115710	6	30
KY_RS	06/30/2021	22	260,804.02	1.94231	0.000000	6	30
KY_RS	06/30/2021	23	233,615.72	1.73982	0.000000	6	30
KY_RS	06/30/2021	24	202,219.04	1.506	0.000000	6	30
KY_RS	07/01/2021	1	175,450.38	1.30664	0.000000	7	1
KY_RS	07/01/2021	2	156,105.66	1.16258	0.000000	7	1
KY_RS	07/01/2021	3	142,758.39	1.06318	0.000000	7	1
KY_RS	07/01/2021	4	134,422.14	1.00109	0.000000	7	1
KY_RS	07/01/2021	5	130,102.34	0.96892	0.000000	7	1
KY_RS	07/01/2021	6	130,962.90	0.97533	0.000000	7	1
KY_RS	07/01/2021	7	136,067.74	1.01335	0.000000	7	1
KY_RS	07/01/2021	8	142,527.54	1.06146	0.415849	7	1
KY_RS	07/01/2021	9	147,498.91	1.09848	1.377653	7	1
KY_RS	07/01/2021	10	151,137.40	1.12558	2.515858	7	1
KY_RS	07/01/2021	11	156,305.58	1.16407	3.001675	7	1
KY_RS	07/01/2021	12	161,227.87	1.20072	4.071990	7	1
KY_RS	07/01/2021	13	165,391.12	1.23173	4.447182	7	1
KY_RS	07/01/2021	14	168,097.26	1.25188	4.610583	7	1
KY_RS	07/01/2021	15	168,766.82	1.25687	4.493299	7	1
KY_RS	07/01/2021	16	171,878.62	1.28004	4.184076	7	1
KY_RS	07/01/2021	17	187,068.79	1.39317	3.625579	7	1
KY_RS	07/01/2021	18	215,824.24	1.60732	2.840290	7	1
KY_RS	07/01/2021	19	234,209.98	1.74425	1.802128	7	1
KY_RS	07/01/2021	20	235,780.75	1.75595	0.604062	7	1
KY_RS	07/01/2021	21	227,494.85	1.69424	0.109676	7	1
KY_RS	07/01/2021	22	215,262.64	1.60314	0.000000	7	1
KY_RS	07/01/2021	23	197,193.00	1.46857	0.000000	7	1
KY_RS	07/01/2021	24	170,363.52	1.26876	0.000000	7	1
KY_RS	07/02/2021	1	145,023.51	1.08004	0.000000	7	2
KY_RS	07/02/2021	2	127,170.28	0.94708	0.000000	7	2
KY_RS	07/02/2021	3	115,068.49	0.85696	0.000000	7	2

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	07/02/2021	4	107,220.70	0.79851	0.000000	7	2
KY_RS	07/02/2021	5	103,323.75	0.76949	0.000000	7	2
KY_RS	07/02/2021	6	103,731.10	0.77252	0.000000	7	2
KY_RS	07/02/2021	7	109,077.63	0.81234	0.000000	7	2
KY_RS	07/02/2021	8	119,045.37	0.88658	0.349098	7	2
KY_RS	07/02/2021	9	126,742.46	0.9439	1.311113	7	2
KY_RS	07/02/2021	10	139,518.66	1.03905	2.282294	7	2
KY_RS	07/02/2021	11	154,744.21	1.15244	3.056271	7	2
KY_RS	07/02/2021	12	166,999.98	1.24371	3.502756	7	2
KY_RS	07/02/2021	13	175,998.08	1.31072	4.417868	7	2
KY_RS	07/02/2021	14	180,541.39	1.34456	4.557244	7	2
KY_RS	07/02/2021	15	187,283.23	1.39477	4.431623	7	2
KY_RS	07/02/2021	16	197,921.16	1.47399	2.895818	7	2
KY_RS	07/02/2021	17	209,504.25	1.56026	2.475044	7	2
KY_RS	07/02/2021	18	215,868.67	1.60766	2.758984	7	2
KY_RS	07/02/2021	19	215,306.44	1.60347	1.766134	7	2
KY_RS	07/02/2021	20	210,901.76	1.57066	0.725273	7	2
KY_RS	07/02/2021	21	193,939.11	1.44434	0.109547	7	2
KY_RS	07/02/2021	22	181,165.06	1.3492	0.000000	7	2
KY_RS	07/02/2021	23	168,776.71	1.25694	0.000000	7	2
KY_RS	07/02/2021	24	149,847.84	1.11597	0.000000	7	2
KY_RS	07/03/2021	1	129,107.28	0.96151	0.000000	7	3
KY_RS	07/03/2021	2	112,710.79	0.8394	0.000000	7	3
KY_RS	07/03/2021	3	101,639.59	0.75695	0.000000	7	3
KY_RS	07/03/2021	4	94,812.07	0.7061	0.000000	7	3
KY_RS	07/03/2021	5	90,430.74	0.67347	0.000000	7	3
KY_RS	07/03/2021	6	88,693.83	0.66054	0.000000	7	3
KY_RS	07/03/2021	7	90,668.93	0.67525	0.000000	7	3
KY_RS	07/03/2021	8	99,552.07	0.7414	0.244925	7	3
KY_RS	07/03/2021	9	115,387.35	0.85933	0.679810	7	3
KY_RS	07/03/2021	10	133,027.17	0.9907	1.086704	7	3
KY_RS	07/03/2021	11	150,389.57	1.12001	3.157635	7	3
KY_RS	07/03/2021	12	166,693.37	1.24143	3.842081	7	3

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	07/03/2021	13	180,311.99	1.34285	4.312973	7	3
KY_RS	07/03/2021	14	192,040.45	1.4302	4.506079	7	3
KY_RS	07/03/2021	15	204,389.36	1.52216	4.400463	7	3
KY_RS	07/03/2021	16	218,101.50	1.62428	4.129389	7	3
KY_RS	07/03/2021	17	231,112.48	1.72118	3.588455	7	3
KY_RS	07/03/2021	18	240,460.99	1.7908	2.807854	7	3
KY_RS	07/03/2021	19	240,223.44	1.78903	1.802724	7	3
KY_RS	07/03/2021	20	229,421.81	1.70859	0.731107	7	3
KY_RS	07/03/2021	21	210,756.16	1.56958	0.113193	7	3
KY_RS	07/03/2021	22	195,796.23	1.45817	0.000000	7	3
KY_RS	07/03/2021	23	183,825.16	1.36902	0.000000	7	3
KY_RS	07/03/2021	24	170,597.29	1.2705	0.000000	7	3
KY_RS	07/04/2021	1	150,219.83	1.11874	0.000000	7	4
KY_RS	07/04/2021	2	131,449.36	0.97895	0.000000	7	4
KY_RS	07/04/2021	3	119,443.15	0.88954	0.000000	7	4
KY_RS	07/04/2021	4	112,244.10	0.83592	0.000000	7	4
KY_RS	07/04/2021	5	107,745.29	0.80242	0.000000	7	4
KY_RS	07/04/2021	6	105,381.46	0.78482	0.000000	7	4
KY_RS	07/04/2021	7	105,706.76	0.78724	0.000000	7	4
KY_RS	07/04/2021	8	115,187.28	0.85784	0.326281	7	4
KY_RS	07/04/2021	9	138,873.19	1.03424	1.195554	7	4
KY_RS	07/04/2021	10	168,840.18	1.25742	1.504539	7	4
KY_RS	07/04/2021	11	198,128.89	1.47554	0.438597	7	4
KY_RS	07/04/2021	12	226,327.79	1.68555	2.205934	7	4
KY_RS	07/04/2021	13	250,958.52	1.86898	3.917214	7	4
KY_RS	07/04/2021	14	270,822.88	2.01692	3.132720	7	4
KY_RS	07/04/2021	15	287,338.85	2.13992	3.066924	7	4
KY_RS	07/04/2021	16	299,619.35	2.23138	3.332808	7	4
KY_RS	07/04/2021	17	308,749.94	2.29938	0.262954	7	4
KY_RS	07/04/2021	18	313,686.10	2.33614	0.490530	7	4
KY_RS	07/04/2021	19	312,497.40	2.32729	0.281997	7	4
KY_RS	07/04/2021	20	302,637.14	2.25385	0.554176	7	4
KY_RS	07/04/2021	21	287,742.75	2.14293	0.097956	7	4

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	07/04/2021	22	271,376.70	2.02104	0.000000	7	4
KY_RS	07/04/2021	23	256,099.18	1.90727	0.000000	7	4
KY_RS	07/04/2021	24	240,198.01	1.78884	0.000000	7	4
KY_RS	07/05/2021	1	214,030.27	1.59396	0.000000	7	5
KY_RS	07/05/2021	2	189,228.52	1.40926	0.000000	7	5
KY_RS	07/05/2021	3	169,838.72	1.26485	0.000000	7	5
KY_RS	07/05/2021	4	155,825.11	1.16049	0.000000	7	5
KY_RS	07/05/2021	5	145,397.69	1.08283	0.000000	7	5
KY_RS	07/05/2021	6	138,392.92	1.03066	0.000000	7	5
KY_RS	07/05/2021	7	135,113.99	1.00624	0.000000	7	5
KY_RS	07/05/2021	8	142,634.86	1.06226	0.034744	7	5
KY_RS	07/05/2021	9	166,582.08	1.2406	0.814668	7	5
KY_RS	07/05/2021	10	200,728.22	1.4949	1.039047	7	5
KY_RS	07/05/2021	11	235,491.14	1.75379	0.942712	7	5
KY_RS	07/05/2021	12	265,692.92	1.97872	0.933299	7	5
KY_RS	07/05/2021	13	288,194.70	2.14629	1.316774	7	5
KY_RS	07/05/2021	14	303,120.61	2.25745	1.444035	7	5
KY_RS	07/05/2021	15	315,959.27	2.35307	2.432882	7	5
KY_RS	07/05/2021	16	329,473.74	2.45371	2.321675	7	5
KY_RS	07/05/2021	17	342,313.40	2.54934	3.844641	7	5
KY_RS	07/05/2021	18	355,104.30	2.6446	3.048491	7	5
KY_RS	07/05/2021	19	357,890.53	2.66535	1.965590	7	5
KY_RS	07/05/2021	20	350,522.32	2.61047	0.733645	7	5
KY_RS	07/05/2021	21	335,928.90	2.50179	0.095637	7	5
KY_RS	07/05/2021	22	318,780.41	2.37408	0.000000	7	5
KY_RS	07/05/2021	23	294,206.74	2.19107	0.000000	7	5
KY_RS	07/05/2021	24	259,357.02	1.93153	0.000000	7	5
KY_RS	07/06/2021	1	227,451.70	1.69392	0.000000	7	6
KY_RS	07/06/2021	2	202,271.55	1.50639	0.000000	7	6
KY_RS	07/06/2021	3	183,346.91	1.36545	0.000000	7	6
KY_RS	07/06/2021	4	170,148.82	1.26716	0.000000	7	6
KY_RS	07/06/2021	5	160,576.33	1.19587	0.000000	7	6
KY_RS	07/06/2021	6	156,403.34	1.16479	0.000000	7	6

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	07/06/2021	7	157,286.32	1.17137	0.001741	7	6
KY_RS	07/06/2021	8	165,598.94	1.23328	0.313913	7	6
KY_RS	07/06/2021	9	183,227.24	1.36456	1.460056	7	6
KY_RS	07/06/2021	10	209,133.26	1.55749	2.755235	7	6
KY_RS	07/06/2021	11	237,683.73	1.77012	3.717817	7	6
KY_RS	07/06/2021	12	263,082.21	1.95927	4.374938	7	6
KY_RS	07/06/2021	13	282,183.06	2.10152	4.781372	7	6
KY_RS	07/06/2021	14	297,809.43	2.2179	3.547664	7	6
KY_RS	07/06/2021	15	311,039.57	2.31643	3.845682	7	6
KY_RS	07/06/2021	16	324,811.88	2.419	1.664206	7	6
KY_RS	07/06/2021	17	338,607.31	2.52174	3.872933	7	6
KY_RS	07/06/2021	18	355,352.24	2.64644	2.211148	7	6
KY_RS	07/06/2021	19	359,160.82	2.67481	1.925227	7	6
KY_RS	07/06/2021	20	339,561.57	2.52884	0.738793	7	6
KY_RS	07/06/2021	21	315,849.70	2.35225	0.100424	7	6
KY_RS	07/06/2021	22	303,791.19	2.26245	0.000000	7	6
KY_RS	07/06/2021	23	282,154.68	2.10131	0.000000	7	6
KY_RS	07/06/2021	24	249,733.46	1.85986	0.000000	7	6
KY_RS	07/07/2021	1	219,177.74	1.6323	0.000000	7	7
KY_RS	07/07/2021	2	194,700.42	1.45001	0.000000	7	7
KY_RS	07/07/2021	3	176,396.94	1.31369	0.000000	7	7
KY_RS	07/07/2021	4	163,071.87	1.21446	0.000000	7	7
KY_RS	07/07/2021	5	153,472.37	1.14297	0.000000	7	7
KY_RS	07/07/2021	6	149,216.48	1.11127	0.000000	7	7
KY_RS	07/07/2021	7	151,156.36	1.12572	0.000000	7	7
KY_RS	07/07/2021	8	159,321.23	1.18653	0.319538	7	7
KY_RS	07/07/2021	9	166,966.62	1.24346	1.430084	7	7
KY_RS	07/07/2021	10	176,865.39	1.31718	2.694755	7	7
KY_RS	07/07/2021	11	205,476.58	1.53026	3.637560	7	7
KY_RS	07/07/2021	12	237,216.96	1.76664	4.300198	7	7
KY_RS	07/07/2021	13	264,131.07	1.96708	4.688708	7	7
KY_RS	07/07/2021	14	281,072.00	2.09325	4.857173	7	7
KY_RS	07/07/2021	15	295,190.91	2.1984	4.716073	7	7

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	07/07/2021	16	310,783.32	2.31452	4.379388	7	7
KY_RS	07/07/2021	17	321,107.70	2.39141	3.808197	7	7
KY_RS	07/07/2021	18	323,493.72	2.40918	2.959610	7	7
KY_RS	07/07/2021	19	303,504.02	2.26031	1.875357	7	7
KY_RS	07/07/2021	20	294,607.41	2.19405	0.734991	7	7
KY_RS	07/07/2021	21	281,070.68	2.09324	0.104279	7	7
KY_RS	07/07/2021	22	269,331.59	2.00581	0.000000	7	7
KY_RS	07/07/2021	23	247,947.17	1.84656	0.000000	7	7
KY_RS	07/07/2021	24	218,322.13	1.62593	0.000000	7	7
KY_RS	07/08/2021	1	191,632.52	1.42716	0.000000	7	8
KY_RS	07/08/2021	2	171,954.20	1.28061	0.000000	7	8
KY_RS	07/08/2021	3	157,525.45	1.17315	0.000000	7	8
KY_RS	07/08/2021	4	147,404.56	1.09778	0.000000	7	8
KY_RS	07/08/2021	5	140,683.18	1.04772	0.000000	7	8
KY_RS	07/08/2021	6	139,342.35	1.03773	0.000000	7	8
KY_RS	07/08/2021	7	144,594.42	1.07685	0.000000	7	8
KY_RS	07/08/2021	8	151,990.25	1.13193	0.368806	7	8
KY_RS	07/08/2021	9	155,986.19	1.16169	1.382778	7	8
KY_RS	07/08/2021	10	161,954.50	1.20614	2.552395	7	8
KY_RS	07/08/2021	11	171,589.88	1.27789	3.466227	7	8
KY_RS	07/08/2021	12	183,484.04	1.36647	4.090972	7	8
KY_RS	07/08/2021	13	201,637.99	1.50167	4.506890	7	8
KY_RS	07/08/2021	14	223,407.36	1.6638	4.627683	7	8
KY_RS	07/08/2021	15	224,409.09	1.67126	4.470713	7	8
KY_RS	07/08/2021	16	229,822.57	1.71158	4.135786	7	8
KY_RS	07/08/2021	17	254,372.52	1.89441	3.582732	7	8
KY_RS	07/08/2021	18	274,396.13	2.04353	1.909021	7	8
KY_RS	07/08/2021	19	272,769.55	2.03142	1.787213	7	8
KY_RS	07/08/2021	20	259,634.40	1.9336	0.734561	7	8
KY_RS	07/08/2021	21	245,171.65	1.82589	0.090870	7	8
KY_RS	07/08/2021	22	234,909.33	1.74946	0.000000	7	8
KY_RS	07/08/2021	23	217,723.89	1.62147	0.000000	7	8
KY_RS	07/08/2021	24	191,120.32	1.42334	0.000000	7	8

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	07/09/2021	1	165,718.62	1.23417	0.000000	7	9
KY_RS	07/09/2021	2	147,542.94	1.09881	0.000000	7	9
KY_RS	07/09/2021	3	137,839.39	1.02654	0.000000	7	9
KY_RS	07/09/2021	4	131,426.05	0.97878	0.000000	7	9
KY_RS	07/09/2021	5	127,164.34	0.94704	0.000000	7	9
KY_RS	07/09/2021	6	125,881.71	0.93749	0.000000	7	9
KY_RS	07/09/2021	7	128,305.63	0.95554	0.000000	7	9
KY_RS	07/09/2021	8	132,987.83	0.99041	0.034958	7	9
KY_RS	07/09/2021	9	142,951.64	1.06461	0.610082	7	9
KY_RS	07/09/2021	10	158,133.39	1.17768	1.618394	7	9
KY_RS	07/09/2021	11	170,665.15	1.27101	2.245098	7	9
KY_RS	07/09/2021	12	181,515.21	1.35181	1.896245	7	9
KY_RS	07/09/2021	13	191,730.45	1.42789	4.446905	7	9
KY_RS	07/09/2021	14	199,909.52	1.4888	4.607914	7	9
KY_RS	07/09/2021	15	211,118.34	1.57228	4.592112	7	9
KY_RS	07/09/2021	16	226,187.24	1.6845	3.118465	7	9
KY_RS	07/09/2021	17	227,922.30	1.69742	3.710585	7	9
KY_RS	07/09/2021	18	221,888.17	1.65248	2.906862	7	9
KY_RS	07/09/2021	19	224,602.25	1.6727	1.847130	7	9
KY_RS	07/09/2021	20	206,523.63	1.53806	0.735810	7	9
KY_RS	07/09/2021	21	194,594.52	1.44922	0.105869	7	9
KY_RS	07/09/2021	22	186,697.45	1.39041	0.000000	7	9
KY_RS	07/09/2021	23	176,156.28	1.3119	0.000000	7	9
KY_RS	07/09/2021	24	158,351.21	1.1793	0.000000	7	9
KY_RS	07/10/2021	1	138,012.77	1.02783	0.000000	7	10
KY_RS	07/10/2021	2	121,692.22	0.90629	0.000000	7	10
KY_RS	07/10/2021	3	110,005.51	0.81925	0.000000	7	10
KY_RS	07/10/2021	4	102,268.80	0.76163	0.000000	7	10
KY_RS	07/10/2021	5	97,362.05	0.72509	0.000000	7	10
KY_RS	07/10/2021	6	95,109.87	0.70832	0.000000	7	10
KY_RS	07/10/2021	7	96,616.45	0.71954	0.000000	7	10
KY_RS	07/10/2021	8	102,804.66	0.76562	0.347407	7	10
KY_RS	07/10/2021	9	115,135.95	0.85746	1.337580	7	10

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	07/10/2021	10	128,476.17	0.95681	2.520252	7	10
KY_RS	07/10/2021	11	142,434.91	1.06077	3.439993	7	10
KY_RS	07/10/2021	12	149,789.05	1.11554	4.103892	7	10
KY_RS	07/10/2021	13	158,906.80	1.18344	4.507157	7	10
KY_RS	07/10/2021	14	166,761.89	1.24194	4.660842	7	10
KY_RS	07/10/2021	15	176,454.76	1.31412	4.166384	7	10
KY_RS	07/10/2021	16	186,188.29	1.38661	3.403836	7	10
KY_RS	07/10/2021	17	207,319.15	1.54398	3.217600	7	10
KY_RS	07/10/2021	18	222,839.02	1.65957	2.305147	7	10
KY_RS	07/10/2021	19	225,341.69	1.6782	1.034001	7	10
KY_RS	07/10/2021	20	220,279.24	1.6405	0.316476	7	10
KY_RS	07/10/2021	21	212,540.27	1.58287	0.106042	7	10
KY_RS	07/10/2021	22	208,081.77	1.54966	0.000000	7	10
KY_RS	07/10/2021	23	194,197.17	1.44626	0.000000	7	10
KY_RS	07/10/2021	24	176,134.53	1.31174	0.000000	7	10
KY_RS	07/11/2021	1	145,687.50	1.08499	0.000000	7	11
KY_RS	07/11/2021	2	141,940.93	1.05709	0.000000	7	11
KY_RS	07/11/2021	3	131,722.31	0.98099	0.000000	7	11
KY_RS	07/11/2021	4	124,256.50	0.92538	0.000000	7	11
KY_RS	07/11/2021	5	117,535.41	0.87533	0.000000	7	11
KY_RS	07/11/2021	6	113,355.20	0.8442	0.000000	7	11
KY_RS	07/11/2021	7	112,977.46	0.84139	0.000000	7	11
KY_RS	07/11/2021	8	118,496.19	0.88249	0.116419	7	11
KY_RS	07/11/2021	9	129,774.37	0.96648	0.111821	7	11
KY_RS	07/11/2021	10	143,438.67	1.06824	0.585492	7	11
KY_RS	07/11/2021	11	157,870.94	1.17572	0.500699	7	11
KY_RS	07/11/2021	12	176,749.39	1.31632	1.062159	7	11
KY_RS	07/11/2021	13	194,864.04	1.45123	0.720890	7	11
KY_RS	07/11/2021	14	206,763.12	1.53984	1.600022	7	11
KY_RS	07/11/2021	15	217,125.34	1.61701	0.927065	7	11
KY_RS	07/11/2021	16	237,452.08	1.76839	1.865829	7	11
KY_RS	07/11/2021	17	256,572.21	1.91079	1.771981	7	11
KY_RS	07/11/2021	18	272,680.76	2.03076	2.084322	7	11

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	07/11/2021	19	280,174.93	2.08657	0.870017	7	11
KY_RS	07/11/2021	20	273,827.55	2.0393	0.482853	7	11
KY_RS	07/11/2021	21	260,280.02	1.9384	0.077934	7	11
KY_RS	07/11/2021	22	249,889.97	1.86102	0.000000	7	11
KY_RS	07/11/2021	23	231,345.38	1.72292	0.000000	7	11
KY_RS	07/11/2021	24	204,229.29	1.52097	0.000000	7	11
KY_RS	07/12/2021	1	178,141.45	1.32669	0.000000	7	12
KY_RS	07/12/2021	2	159,153.32	1.18527	0.000000	7	12
KY_RS	07/12/2021	3	145,480.18	1.08345	0.000000	7	12
KY_RS	07/12/2021	4	135,627.43	1.01007	0.000000	7	12
KY_RS	07/12/2021	5	130,420.11	0.97129	0.000000	7	12
KY_RS	07/12/2021	6	131,368.93	0.97835	0.000000	7	12
KY_RS	07/12/2021	7	137,031.51	1.02053	0.000000	7	12
KY_RS	07/12/2021	8	144,224.23	1.07409	0.161742	7	12
KY_RS	07/12/2021	9	148,993.68	1.10961	0.024243	7	12
KY_RS	07/12/2021	10	159,675.35	1.18916	1.233040	7	12
KY_RS	07/12/2021	11	172,625.27	1.28561	0.891912	7	12
KY_RS	07/12/2021	12	191,261.72	1.4244	0.743104	7	12
KY_RS	07/12/2021	13	206,858.55	1.54055	0.928682	7	12
KY_RS	07/12/2021	14	224,113.89	1.66906	1.882286	7	12
KY_RS	07/12/2021	15	238,404.24	1.77549	2.248063	7	12
KY_RS	07/12/2021	16	258,594.71	1.92585	2.614131	7	12
KY_RS	07/12/2021	17	279,222.74	2.07948	2.935417	7	12
KY_RS	07/12/2021	18	300,601.27	2.23869	2.091462	7	12
KY_RS	07/12/2021	19	308,449.60	2.29714	1.339817	7	12
KY_RS	07/12/2021	20	295,632.42	2.20169	0.334951	7	12
KY_RS	07/12/2021	21	280,101.95	2.08602	0.031754	7	12
KY_RS	07/12/2021	22	266,485.98	1.98462	0.000000	7	12
KY_RS	07/12/2021	23	237,803.64	1.77101	0.000000	7	12
KY_RS	07/12/2021	24	207,063.37	1.54208	0.000000	7	12
KY_RS	07/13/2021	1	182,506.56	1.35919	0.000000	7	13
KY_RS	07/13/2021	2	163,673.40	1.21894	0.000000	7	13
KY_RS	07/13/2021	3	150,179.62	1.11844	0.000000	7	13

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	07/13/2021	4	140,463.67	1.04609	0.000000	7	13
KY_RS	07/13/2021	5	134,822.87	1.00408	0.000000	7	13
KY_RS	07/13/2021	6	134,190.55	0.99937	0.000000	7	13
KY_RS	07/13/2021	7	138,637.59	1.03249	0.000000	7	13
KY_RS	07/13/2021	8	144,470.96	1.07593	0.301272	7	13
KY_RS	07/13/2021	9	148,138.00	1.10324	0.226806	7	13
KY_RS	07/13/2021	10	156,510.61	1.16559	0.816776	7	13
KY_RS	07/13/2021	11	172,465.38	1.28441	0.921067	7	13
KY_RS	07/13/2021	12	198,256.53	1.47649	1.149400	7	13
KY_RS	07/13/2021	13	211,571.15	1.57565	3.289122	7	13
KY_RS	07/13/2021	14	219,761.42	1.63665	4.501342	7	13
KY_RS	07/13/2021	15	216,487.83	1.61227	2.134562	7	13
KY_RS	07/13/2021	16	239,197.48	1.78139	2.572601	7	13
KY_RS	07/13/2021	17	248,038.32	1.84723	3.581580	7	13
KY_RS	07/13/2021	18	244,851.23	1.8235	2.636894	7	13
KY_RS	07/13/2021	19	244,482.97	1.82076	1.082050	7	13
KY_RS	07/13/2021	20	240,580.22	1.79169	0.695909	7	13
KY_RS	07/13/2021	21	230,075.14	1.71346	0.092264	7	13
KY_RS	07/13/2021	22	222,397.38	1.65628	0.000000	7	13
KY_RS	07/13/2021	23	206,514.34	1.53799	0.000000	7	13
KY_RS	07/13/2021	24	179,856.15	1.33946	0.000000	7	13
KY_RS	07/14/2021	1	155,198.37	1.15582	0.000000	7	14
KY_RS	07/14/2021	2	137,251.64	1.02216	0.000000	7	14
KY_RS	07/14/2021	3	126,346.52	0.94095	0.000000	7	14
KY_RS	07/14/2021	4	119,112.61	0.88708	0.000000	7	14
KY_RS	07/14/2021	5	114,960.52	0.85615	0.000000	7	14
KY_RS	07/14/2021	6	115,986.63	0.8638	0.000000	7	14
KY_RS	07/14/2021	7	121,863.40	0.90756	0.000000	7	14
KY_RS	07/14/2021	8	131,221.40	0.97726	0.344020	7	14
KY_RS	07/14/2021	9	139,794.50	1.0411	1.259528	7	14
KY_RS	07/14/2021	10	151,154.76	1.12571	2.363044	7	14
KY_RS	07/14/2021	11	167,668.90	1.24869	3.272181	7	14
KY_RS	07/14/2021	12	190,103.05	1.41577	3.934681	7	14

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	07/14/2021	13	213,015.72	1.58641	4.350614	7	14
KY_RS	07/14/2021	14	230,352.86	1.71552	3.372442	7	14
KY_RS	07/14/2021	15	246,914.13	1.83886	1.909099	7	14
KY_RS	07/14/2021	16	264,454.59	1.96949	0.171625	7	14
KY_RS	07/14/2021	17	283,560.20	2.11178	0.823257	7	14
KY_RS	07/14/2021	18	300,974.56	2.24147	1.616715	7	14
KY_RS	07/14/2021	19	306,291.82	2.28107	0.848497	7	14
KY_RS	07/14/2021	20	298,561.78	2.2235	0.033059	7	14
KY_RS	07/14/2021	21	284,127.97	2.11601	0.000000	7	14
KY_RS	07/14/2021	22	271,339.87	2.02077	0.000000	7	14
KY_RS	07/14/2021	23	250,767.93	1.86756	0.000000	7	14
KY_RS	07/14/2021	24	220,280.78	1.64051	0.000000	7	14
KY_RS	07/15/2021	1	192,601.95	1.43438	0.000000	7	15
KY_RS	07/15/2021	2	173,065.26	1.28888	0.000000	7	15
KY_RS	07/15/2021	3	159,312.98	1.18646	0.000000	7	15
KY_RS	07/15/2021	4	148,568.86	1.10645	0.000000	7	15
KY_RS	07/15/2021	5	140,432.63	1.04585	0.000000	7	15
KY_RS	07/15/2021	6	137,692.81	1.02545	0.000000	7	15
KY_RS	07/15/2021	7	140,292.04	1.04481	0.000000	7	15
KY_RS	07/15/2021	8	148,679.72	1.10727	0.260948	7	15
KY_RS	07/15/2021	9	161,887.38	1.20564	1.299766	7	15
KY_RS	07/15/2021	10	180,520.71	1.34441	2.524441	7	15
KY_RS	07/15/2021	11	207,087.63	1.54226	3.434879	7	15
KY_RS	07/15/2021	12	232,665.71	1.73275	4.109174	7	15
KY_RS	07/15/2021	13	255,503.33	1.90283	4.510501	7	15
KY_RS	07/15/2021	14	273,024.12	2.03331	4.690846	7	15
KY_RS	07/15/2021	15	287,885.33	2.14399	4.656564	7	15
KY_RS	07/15/2021	16	303,991.37	2.26394	4.355894	7	15
KY_RS	07/15/2021	17	321,117.77	2.39148	3.810359	7	15
KY_RS	07/15/2021	18	334,144.37	2.4885	2.993698	7	15
KY_RS	07/15/2021	19	339,156.13	2.52582	1.508615	7	15
KY_RS	07/15/2021	20	332,123.33	2.47345	0.660828	7	15
KY_RS	07/15/2021	21	315,069.60	2.34644	0.072092	7	15

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	07/15/2021	22	303,063.08	2.25702	0.000000	7	15
KY_RS	07/15/2021	23	282,566.48	2.10438	0.000000	7	15
KY_RS	07/15/2021	24	252,250.72	1.87861	0.000000	7	15
KY_RS	07/16/2021	1	223,709.26	1.66605	0.000000	7	16
KY_RS	07/16/2021	2	199,685.07	1.48713	0.000000	7	16
KY_RS	07/16/2021	3	180,955.14	1.34764	0.000000	7	16
KY_RS	07/16/2021	4	167,482.88	1.24731	0.000000	7	16
KY_RS	07/16/2021	5	158,918.89	1.18353	0.000000	7	16
KY_RS	07/16/2021	6	155,134.14	1.15534	0.000000	7	16
KY_RS	07/16/2021	7	156,927.29	1.1687	0.000000	7	16
KY_RS	07/16/2021	8	164,989.57	1.22874	0.259100	7	16
KY_RS	07/16/2021	9	181,303.63	1.35024	1.316452	7	16
KY_RS	07/16/2021	10	201,658.20	1.50182	2.555028	7	16
KY_RS	07/16/2021	11	223,451.17	1.66412	3.404448	7	16
KY_RS	07/16/2021	12	247,365.80	1.84223	4.024277	7	16
KY_RS	07/16/2021	13	265,770.89	1.9793	4.416522	7	16
KY_RS	07/16/2021	14	284,667.37	2.12002	4.602004	7	16
KY_RS	07/16/2021	15	277,246.04	2.06476	4.508756	7	16
KY_RS	07/16/2021	16	238,547.98	1.77656	4.209989	7	16
KY_RS	07/16/2021	17	239,997.21	1.78735	3.700411	7	16
KY_RS	07/16/2021	18	263,960.83	1.96582	2.907819	7	16
KY_RS	07/16/2021	19	272,978.22	2.03297	1.830203	7	16
KY_RS	07/16/2021	20	256,177.85	1.90785	0.646455	7	16
KY_RS	07/16/2021	21	242,594.97	1.8067	0.066824	7	16
KY_RS	07/16/2021	22	234,474.02	1.74622	0.000000	7	16
KY_RS	07/16/2021	23	221,789.91	1.65175	0.000000	7	16
KY_RS	07/16/2021	24	200,050.20	1.48985	0.000000	7	16
KY_RS	07/17/2021	1	174,750.50	1.30143	0.000000	7	17
KY_RS	07/17/2021	2	156,127.19	1.16274	0.000000	7	17
KY_RS	07/17/2021	3	144,031.35	1.07266	0.000000	7	17
KY_RS	07/17/2021	4	136,346.09	1.01542	0.000000	7	17
KY_RS	07/17/2021	5	131,245.54	0.97743	0.000000	7	17
KY_RS	07/17/2021	6	128,460.70	0.9567	0.000000	7	17

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	07/17/2021	7	129,310.06	0.96302	0.000000	7	17
KY_RS	07/17/2021	8	136,317.77	1.01521	0.261454	7	17
KY_RS	07/17/2021	9	149,532.69	1.11363	1.296286	7	17
KY_RS	07/17/2021	10	166,924.95	1.24315	2.512112	7	17
KY_RS	07/17/2021	11	184,296.15	1.37252	3.436123	7	17
KY_RS	07/17/2021	12	206,434.87	1.5374	4.078015	7	17
KY_RS	07/17/2021	13	215,156.17	1.60235	4.458505	7	17
KY_RS	07/17/2021	14	223,760.64	1.66643	4.613480	7	17
KY_RS	07/17/2021	15	243,159.06	1.8109	4.553003	7	17
KY_RS	07/17/2021	16	256,233.18	1.90826	4.247096	7	17
KY_RS	07/17/2021	17	264,688.40	1.97123	3.677008	7	17
KY_RS	07/17/2021	18	274,094.59	2.04129	2.894016	7	17
KY_RS	07/17/2021	19	274,254.09	2.04247	1.836700	7	17
KY_RS	07/17/2021	20	267,844.23	1.99474	0.670357	7	17
KY_RS	07/17/2021	21	252,368.65	1.87948	0.070314	7	17
KY_RS	07/17/2021	22	239,502.27	1.78366	0.000000	7	17
KY_RS	07/17/2021	23	225,326.45	1.67809	0.000000	7	17
KY_RS	07/17/2021	24	204,940.33	1.52627	0.000000	7	17
KY_RS	07/18/2021	1	180,841.13	1.34679	0.000000	7	18
KY_RS	07/18/2021	2	158,864.98	1.18313	0.000000	7	18
KY_RS	07/18/2021	3	142,331.50	1.06	0.000000	7	18
KY_RS	07/18/2021	4	130,482.18	0.97175	0.000000	7	18
KY_RS	07/18/2021	5	121,384.81	0.904	0.000000	7	18
KY_RS	07/18/2021	6	115,922.79	0.86332	0.000000	7	18
KY_RS	07/18/2021	7	114,428.76	0.85219	0.000000	7	18
KY_RS	07/18/2021	8	121,317.50	0.9035	0.278194	7	18
KY_RS	07/18/2021	9	136,520.49	1.01672	1.263308	7	18
KY_RS	07/18/2021	10	159,455.26	1.18752	2.396406	7	18
KY_RS	07/18/2021	11	183,789.87	1.36875	3.238169	7	18
KY_RS	07/18/2021	12	202,269.62	1.50638	3.846517	7	18
KY_RS	07/18/2021	13	219,781.94	1.6368	4.240830	7	18
KY_RS	07/18/2021	14	233,948.97	1.74231	2.223856	7	18
KY_RS	07/18/2021	15	247,904.67	1.84624	3.015107	7	18

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	07/18/2021	16	262,988.33	1.95857	2.789299	7	18
KY_RS	07/18/2021	17	279,297.48	2.08003	2.137500	7	18
KY_RS	07/18/2021	18	292,266.13	2.17662	1.787250	7	18
KY_RS	07/18/2021	19	294,899.09	2.19622	1.033956	7	18
KY_RS	07/18/2021	20	287,899.16	2.14409	0.599062	7	18
KY_RS	07/18/2021	21	271,719.08	2.02359	0.075979	7	18
KY_RS	07/18/2021	22	255,489.78	1.90273	0.000000	7	18
KY_RS	07/18/2021	23	231,383.74	1.7232	0.000000	7	18
KY_RS	07/18/2021	24	198,025.62	1.47477	0.000000	7	18
KY_RS	07/19/2021	1	167,433.96	1.24694	0.000000	7	19
KY_RS	07/19/2021	2	145,821.01	1.08598	0.000000	7	19
KY_RS	07/19/2021	3	131,036.12	0.97588	0.000000	7	19
KY_RS	07/19/2021	4	121,251.36	0.903	0.000000	7	19
KY_RS	07/19/2021	5	116,062.77	0.86436	0.000000	7	19
KY_RS	07/19/2021	6	115,133.64	0.85744	0.000000	7	19
KY_RS	07/19/2021	7	118,954.34	0.8859	0.000000	7	19
KY_RS	07/19/2021	8	126,511.84	0.94218	0.313107	7	19
KY_RS	07/19/2021	9	137,665.37	1.02525	1.249353	7	19
KY_RS	07/19/2021	10	153,499.67	1.14317	2.391834	7	19
KY_RS	07/19/2021	11	173,816.99	1.29448	3.284392	7	19
KY_RS	07/19/2021	12	196,642.59	1.46447	3.818594	7	19
KY_RS	07/19/2021	13	217,101.40	1.61684	4.222884	7	19
KY_RS	07/19/2021	14	233,862.93	1.74167	4.383973	7	19
KY_RS	07/19/2021	15	249,467.81	1.85788	4.214411	7	19
KY_RS	07/19/2021	16	266,567.18	1.98523	2.875147	7	19
KY_RS	07/19/2021	17	283,912.98	2.11441	2.423671	7	19
KY_RS	07/19/2021	18	299,355.06	2.22941	2.192114	7	19
KY_RS	07/19/2021	19	299,838.10	2.23301	1.287938	7	19
KY_RS	07/19/2021	20	288,841.74	2.15111	0.586238	7	19
KY_RS	07/19/2021	21	274,379.96	2.04341	0.061392	7	19
KY_RS	07/19/2021	22	259,520.62	1.93275	0.000000	7	19
KY_RS	07/19/2021	23	234,131.71	1.74367	0.000000	7	19
KY_RS	07/19/2021	24	200,928.69	1.49639	0.000000	7	19

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	07/20/2021	1	171,584.37	1.27785	0.000000	7	20
KY_RS	07/20/2021	2	149,594.97	1.11409	0.000000	7	20
KY_RS	07/20/2021	3	134,839.02	1.0042	0.000000	7	20
KY_RS	07/20/2021	4	124,228.84	0.92518	0.000000	7	20
KY_RS	07/20/2021	5	118,366.42	0.88152	0.000000	7	20
KY_RS	07/20/2021	6	117,972.70	0.87859	0.000000	7	20
KY_RS	07/20/2021	7	122,443.76	0.91188	0.000000	7	20
KY_RS	07/20/2021	8	130,009.38	0.96823	0.003787	7	20
KY_RS	07/20/2021	9	140,157.15	1.0438	0.383975	7	20
KY_RS	07/20/2021	10	156,185.36	1.16317	0.155183	7	20
KY_RS	07/20/2021	11	177,651.42	1.32304	1.941326	7	20
KY_RS	07/20/2021	12	201,551.94	1.50103	2.671942	7	20
KY_RS	07/20/2021	13	224,117.26	1.66909	2.313462	7	20
KY_RS	07/20/2021	14	242,126.51	1.80321	0.988303	7	20
KY_RS	07/20/2021	15	258,360.58	1.92411	1.688162	7	20
KY_RS	07/20/2021	16	275,806.81	2.05404	1.840896	7	20
KY_RS	07/20/2021	17	293,923.78	2.18896	2.554527	7	20
KY_RS	07/20/2021	18	309,466.28	2.30471	1.796328	7	20
KY_RS	07/20/2021	19	312,970.29	2.33081	1.238958	7	20
KY_RS	07/20/2021	20	303,284.97	2.25868	0.672690	7	20
KY_RS	07/20/2021	21	286,288.58	2.1321	0.063975	7	20
KY_RS	07/20/2021	22	271,700.09	2.02345	0.000000	7	20
KY_RS	07/20/2021	23	247,112.83	1.84034	0.000000	7	20
KY_RS	07/20/2021	24	213,030.20	1.58652	0.000000	7	20
KY_RS	07/21/2021	1	182,581.28	1.35975	0.000000	7	21
KY_RS	07/21/2021	2	158,532.03	1.18065	0.000000	7	21
KY_RS	07/21/2021	3	141,946.41	1.05713	0.000000	7	21
KY_RS	07/21/2021	4	130,342.62	0.97071	0.000000	7	21
KY_RS	07/21/2021	5	123,444.63	0.91934	0.000000	7	21
KY_RS	07/21/2021	6	121,850.48	0.90747	0.000000	7	21
KY_RS	07/21/2021	7	124,922.74	0.93035	0.000000	7	21
KY_RS	07/21/2021	8	132,150.07	0.98417	0.179773	7	21
KY_RS	07/21/2021	9	142,664.22	1.06247	0.683564	7	21

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	07/21/2021	10	158,873.83	1.18319	1.107215	7	21
KY_RS	07/21/2021	11	176,677.41	1.31578	1.395668	7	21
KY_RS	07/21/2021	12	185,901.43	1.38448	1.595154	7	21
KY_RS	07/21/2021	13	197,107.98	1.46794	2.921160	7	21
KY_RS	07/21/2021	14	216,778.42	1.61443	2.776808	7	21
KY_RS	07/21/2021	15	234,191.18	1.74411	3.619952	7	21
KY_RS	07/21/2021	16	252,301.35	1.87898	3.081744	7	21
KY_RS	07/21/2021	17	269,952.70	2.01044	2.703842	7	21
KY_RS	07/21/2021	18	286,380.93	2.13279	1.055766	7	21
KY_RS	07/21/2021	19	286,028.21	2.13016	0.003453	7	21
KY_RS	07/21/2021	20	273,910.73	2.03992	0.186887	7	21
KY_RS	07/21/2021	21	257,729.04	1.91941	0.000000	7	21
KY_RS	07/21/2021	22	245,127.38	1.82556	0.000000	7	21
KY_RS	07/21/2021	23	222,262.62	1.65527	0.000000	7	21
KY_RS	07/21/2021	24	191,198.91	1.42393	0.000000	7	21
KY_RS	07/22/2021	1	163,134.45	1.21492	0.000000	7	22
KY_RS	07/22/2021	2	140,694.09	1.0478	0.000000	7	22
KY_RS	07/22/2021	3	125,706.03	0.93618	0.000000	7	22
KY_RS	07/22/2021	4	115,631.40	0.86115	0.000000	7	22
KY_RS	07/22/2021	5	109,531.12	0.81572	0.000000	7	22
KY_RS	07/22/2021	6	108,431.65	0.80753	0.000000	7	22
KY_RS	07/22/2021	7	112,380.70	0.83694	0.000000	7	22
KY_RS	07/22/2021	8	119,129.95	0.88721	0.014029	7	22
KY_RS	07/22/2021	9	129,702.33	0.96594	0.262932	7	22
KY_RS	07/22/2021	10	143,559.96	1.06915	1.594970	7	22
KY_RS	07/22/2021	11	160,115.48	1.19244	2.603783	7	22
KY_RS	07/22/2021	12	176,637.12	1.31548	1.814560	7	22
KY_RS	07/22/2021	13	192,817.53	1.43598	0.482600	7	22
KY_RS	07/22/2021	14	207,386.41	1.54448	3.743153	7	22
KY_RS	07/22/2021	15	221,616.10	1.65046	3.726775	7	22
KY_RS	07/22/2021	16	239,814.82	1.78599	3.356198	7	22
KY_RS	07/22/2021	17	258,751.65	1.92702	3.890242	7	22
KY_RS	07/22/2021	18	274,538.56	2.04459	0.688072	7	22

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	07/22/2021	19	274,599.47	2.04505	1.882447	7	22
KY_RS	07/22/2021	20	265,297.28	1.97577	0.643442	7	22
KY_RS	07/22/2021	21	249,537.01	1.8584	0.047724	7	22
KY_RS	07/22/2021	22	236,483.03	1.76118	0.000000	7	22
KY_RS	07/22/2021	23	215,516.36	1.60503	0.000000	7	22
KY_RS	07/22/2021	24	186,076.56	1.38578	0.000000	7	22
KY_RS	07/23/2021	1	158,884.79	1.18327	0.000000	7	23
KY_RS	07/23/2021	2	138,042.60	1.02806	0.000000	7	23
KY_RS	07/23/2021	3	123,905.35	0.92277	0.000000	7	23
KY_RS	07/23/2021	4	114,473.90	0.85253	0.000000	7	23
KY_RS	07/23/2021	5	108,501.75	0.80805	0.000000	7	23
KY_RS	07/23/2021	6	107,382.65	0.79972	0.000000	7	23
KY_RS	07/23/2021	7	111,366.47	0.82939	0.000000	7	23
KY_RS	07/23/2021	8	118,421.35	0.88193	0.236157	7	23
KY_RS	07/23/2021	9	125,800.47	0.93688	1.301680	7	23
KY_RS	07/23/2021	10	145,540.53	1.0839	2.579574	7	23
KY_RS	07/23/2021	11	164,225.99	1.22305	3.518143	7	23
KY_RS	07/23/2021	12	185,814.49	1.38383	4.180807	7	23
KY_RS	07/23/2021	13	207,535.61	1.5456	4.582366	7	23
KY_RS	07/23/2021	14	225,198.77	1.67714	4.755723	7	23
KY_RS	07/23/2021	15	242,017.96	1.8024	4.653497	7	23
KY_RS	07/23/2021	16	261,202.54	1.94527	4.331959	7	23
KY_RS	07/23/2021	17	278,880.41	2.07693	3.801923	7	23
KY_RS	07/23/2021	18	292,717.22	2.17998	2.962150	7	23
KY_RS	07/23/2021	19	294,822.25	2.19565	1.851048	7	23
KY_RS	07/23/2021	20	284,782.09	2.12088	0.656479	7	23
KY_RS	07/23/2021	21	266,142.09	1.98206	0.047630	7	23
KY_RS	07/23/2021	22	250,326.23	1.86427	0.000000	7	23
KY_RS	07/23/2021	23	231,872.14	1.72684	0.000000	7	23
KY_RS	07/23/2021	24	205,692.80	1.53187	0.000000	7	23
KY_RS	07/24/2021	1	179,112.89	1.33392	0.000000	7	24
KY_RS	07/24/2021	2	156,758.98	1.16744	0.000000	7	24
KY_RS	07/24/2021	3	139,727.68	1.0406	0.000000	7	24

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	07/24/2021	4	127,449.18	0.94916	0.000000	7	24
KY_RS	07/24/2021	5	118,633.81	0.88351	0.000000	7	24
KY_RS	07/24/2021	6	113,403.74	0.84456	0.000000	7	24
KY_RS	07/24/2021	7	112,063.63	0.83458	0.000000	7	24
KY_RS	07/24/2021	8	120,060.45	0.89414	0.242858	7	24
KY_RS	07/24/2021	9	142,430.23	1.06073	1.283416	7	24
KY_RS	07/24/2021	10	170,719.10	1.27141	2.544392	7	24
KY_RS	07/24/2021	11	198,762.01	1.48026	3.484625	7	24
KY_RS	07/24/2021	12	224,859.57	1.67461	4.157894	7	24
KY_RS	07/24/2021	13	245,821.31	1.83072	4.569104	7	24
KY_RS	07/24/2021	14	263,305.02	1.96093	4.729557	7	24
KY_RS	07/24/2021	15	280,296.72	2.08748	4.635419	7	24
KY_RS	07/24/2021	16	297,334.98	2.21437	4.333214	7	24
KY_RS	07/24/2021	17	309,352.20	2.30386	3.804384	7	24
KY_RS	07/24/2021	18	317,711.12	2.36611	2.280483	7	24
KY_RS	07/24/2021	19	317,963.08	2.36799	1.488865	7	24
KY_RS	07/24/2021	20	300,869.61	2.24069	0.647268	7	24
KY_RS	07/24/2021	21	284,654.22	2.11993	0.036996	7	24
KY_RS	07/24/2021	22	274,203.02	2.04209	0.000000	7	24
KY_RS	07/24/2021	23	257,871.41	1.92047	0.000000	7	24
KY_RS	07/24/2021	24	235,255.83	1.75204	0.000000	7	24
KY_RS	07/25/2021	1	210,819.66	1.57005	0.000000	7	25
KY_RS	07/25/2021	2	192,469.31	1.43339	0.000000	7	25
KY_RS	07/25/2021	3	180,023.96	1.34071	0.000000	7	25
KY_RS	07/25/2021	4	170,118.38	1.26694	0.000000	7	25
KY_RS	07/25/2021	5	163,428.27	1.21711	0.000000	7	25
KY_RS	07/25/2021	6	157,664.17	1.17418	0.000000	7	25
KY_RS	07/25/2021	7	154,759.11	1.15255	0.000000	7	25
KY_RS	07/25/2021	8	159,611.95	1.18869	0.240245	7	25
KY_RS	07/25/2021	9	178,737.50	1.33113	1.279234	7	25
KY_RS	07/25/2021	10	209,153.39	1.55764	2.536858	7	25
KY_RS	07/25/2021	11	240,925.27	1.79426	3.457537	7	25
KY_RS	07/25/2021	12	272,914.23	2.03249	4.107371	7	25

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	07/25/2021	13	296,374.92	2.20722	4.503677	7	25
KY_RS	07/25/2021	14	314,977.54	2.34576	4.654565	7	25
KY_RS	07/25/2021	15	326,013.46	2.42794	4.585159	7	25
KY_RS	07/25/2021	16	334,992.36	2.49481	4.314015	7	25
KY_RS	07/25/2021	17	344,936.18	2.56887	3.769969	7	25
KY_RS	07/25/2021	18	354,125.58	2.63731	2.954261	7	25
KY_RS	07/25/2021	19	358,167.75	2.66741	1.856259	7	25
KY_RS	07/25/2021	20	352,415.03	2.62457	0.638643	7	25
KY_RS	07/25/2021	21	340,033.55	2.53236	0.032453	7	25
KY_RS	07/25/2021	22	326,972.63	2.43509	0.000000	7	25
KY_RS	07/25/2021	23	301,303.30	2.24392	0.000000	7	25
KY_RS	07/25/2021	24	267,247.50	1.99029	0.000000	7	25
KY_RS	07/26/2021	1	234,532.11	1.74665	0.000000	7	26
KY_RS	07/26/2021	2	209,891.01	1.56314	0.000000	7	26
KY_RS	07/26/2021	3	190,932.10	1.42194	0.000000	7	26
KY_RS	07/26/2021	4	176,933.52	1.31769	0.000000	7	26
KY_RS	07/26/2021	5	166,802.15	1.24224	0.000000	7	26
KY_RS	07/26/2021	6	162,446.19	1.2098	0.000000	7	26
KY_RS	07/26/2021	7	163,172.36	1.21521	0.000000	7	26
KY_RS	07/26/2021	8	168,029.38	1.25138	0.232157	7	26
KY_RS	07/26/2021	9	180,902.82	1.34725	1.262890	7	26
KY_RS	07/26/2021	10	207,625.20	1.54626	2.500247	7	26
KY_RS	07/26/2021	11	239,240.10	1.78171	3.010636	7	26
KY_RS	07/26/2021	12	264,959.88	1.97326	3.175240	7	26
KY_RS	07/26/2021	13	287,238.05	2.13917	3.921359	7	26
KY_RS	07/26/2021	14	301,267.02	2.24365	3.826720	7	26
KY_RS	07/26/2021	15	312,716.12	2.32891	3.796407	7	26
KY_RS	07/26/2021	16	326,976.40	2.43512	3.252496	7	26
KY_RS	07/26/2021	17	341,606.09	2.54407	3.209594	7	26
KY_RS	07/26/2021	18	355,069.19	2.64433	0.866471	7	26
KY_RS	07/26/2021	19	357,088.73	2.65937	1.521688	7	26
KY_RS	07/26/2021	20	345,698.94	2.57455	0.042891	7	26
KY_RS	07/26/2021	21	325,403.27	2.4234	0.000000	7	26

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	07/26/2021	22	305,293.03	2.27363	0.000000	7	26
KY_RS	07/26/2021	23	276,400.77	2.05846	0.000000	7	26
KY_RS	07/26/2021	24	239,651.10	1.78477	0.000000	7	26
KY_RS	07/27/2021	1	206,326.27	1.53659	0.000000	7	27
KY_RS	07/27/2021	2	180,508.37	1.34431	0.000000	7	27
KY_RS	07/27/2021	3	161,298.14	1.20125	0.000000	7	27
KY_RS	07/27/2021	4	147,253.40	1.09665	0.000000	7	27
KY_RS	07/27/2021	5	137,823.90	1.02643	0.000000	7	27
KY_RS	07/27/2021	6	133,410.71	0.99356	0.000000	7	27
KY_RS	07/27/2021	7	134,855.56	1.00432	0.000000	7	27
KY_RS	07/27/2021	8	141,838.76	1.05633	0.230904	7	27
KY_RS	07/27/2021	9	156,639.92	1.16656	0.859627	7	27
KY_RS	07/27/2021	10	178,252.56	1.32751	1.374007	7	27
KY_RS	07/27/2021	11	202,815.22	1.51044	0.467412	7	27
KY_RS	07/27/2021	12	229,802.47	1.71143	0.672808	7	27
KY_RS	07/27/2021	13	253,810.02	1.89022	0.974938	7	27
KY_RS	07/27/2021	14	272,239.65	2.02747	0.669529	7	27
KY_RS	07/27/2021	15	288,599.76	2.14931	2.417219	7	27
KY_RS	07/27/2021	16	306,941.48	2.28591	3.367082	7	27
KY_RS	07/27/2021	17	323,512.91	2.40932	2.942461	7	27
KY_RS	07/27/2021	18	338,203.63	2.51873	1.915611	7	27
KY_RS	07/27/2021	19	341,361.55	2.54225	0.788497	7	27
KY_RS	07/27/2021	20	332,416.68	2.47563	0.529226	7	27
KY_RS	07/27/2021	21	314,884.74	2.34507	0.034171	7	27
KY_RS	07/27/2021	22	299,003.73	2.22679	0.000000	7	27
KY_RS	07/27/2021	23	272,337.80	2.0282	0.000000	7	27
KY_RS	07/27/2021	24	238,009.24	1.77254	0.000000	7	27
KY_RS	07/28/2021	1	206,681.65	1.53924	0.000000	7	28
KY_RS	07/28/2021	2	181,805.73	1.35398	0.000000	7	28
KY_RS	07/28/2021	3	164,048.95	1.22173	0.000000	7	28
KY_RS	07/28/2021	4	150,970.11	1.12433	0.000000	7	28
KY_RS	07/28/2021	5	142,104.47	1.05831	0.000000	7	28
KY_RS	07/28/2021	6	138,160.87	1.02894	0.000000	7	28

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	07/28/2021	7	140,023.70	1.04281	0.000000	7	28
KY_RS	07/28/2021	8	146,515.71	1.09116	0.108962	7	28
KY_RS	07/28/2021	9	159,914.76	1.19095	0.039392	7	28
KY_RS	07/28/2021	10	183,169.39	1.36413	1.055339	7	28
KY_RS	07/28/2021	11	211,226.05	1.57308	1.931906	7	28
KY_RS	07/28/2021	12	234,821.86	1.74881	2.428708	7	28
KY_RS	07/28/2021	13	251,301.14	1.87153	1.075262	7	28
KY_RS	07/28/2021	14	271,019.01	2.01838	1.631157	7	28
KY_RS	07/28/2021	15	289,141.75	2.15335	3.834174	7	28
KY_RS	07/28/2021	16	306,286.40	2.28103	4.195322	7	28
KY_RS	07/28/2021	17	321,677.62	2.39565	3.601450	7	28
KY_RS	07/28/2021	18	336,094.67	2.50302	2.716575	7	28
KY_RS	07/28/2021	19	340,356.15	2.53476	1.647282	7	28
KY_RS	07/28/2021	20	332,887.13	2.47914	0.632580	7	28
KY_RS	07/28/2021	21	317,417.63	2.36393	0.022060	7	28
KY_RS	07/28/2021	22	304,236.43	2.26576	0.000000	7	28
KY_RS	07/28/2021	23	280,178.59	2.0866	0.000000	7	28
KY_RS	07/28/2021	24	247,853.53	1.84586	0.000000	7	28
KY_RS	07/29/2021	1	218,693.19	1.62869	0.000000	7	29
KY_RS	07/29/2021	2	195,776.35	1.45802	0.000000	7	29
KY_RS	07/29/2021	3	178,399.95	1.32861	0.000000	7	29
KY_RS	07/29/2021	4	166,067.52	1.23677	0.000000	7	29
KY_RS	07/29/2021	5	158,133.58	1.17768	0.000000	7	29
KY_RS	07/29/2021	6	155,124.75	1.15527	0.000000	7	29
KY_RS	07/29/2021	7	156,913.69	1.1686	0.000000	7	29
KY_RS	07/29/2021	8	162,164.69	1.2077	0.276287	7	29
KY_RS	07/29/2021	9	165,051.33	1.2292	0.043358	7	29
KY_RS	07/29/2021	10	173,777.42	1.29419	0.414694	7	29
KY_RS	07/29/2021	11	196,346.70	1.46227	1.790571	7	29
KY_RS	07/29/2021	12	225,236.43	1.67742	2.176766	7	29
KY_RS	07/29/2021	13	255,920.44	1.90594	2.160383	7	29
KY_RS	07/29/2021	14	274,072.98	2.04112	4.484274	7	29
KY_RS	07/29/2021	15	290,888.63	2.16636	4.440110	7	29

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	07/29/2021	16	308,836.29	2.30002	4.146098	7	29
KY_RS	07/29/2021	17	328,910.58	2.44952	3.593582	7	29
KY_RS	07/29/2021	18	339,475.28	2.5282	2.774122	7	29
KY_RS	07/29/2021	19	333,312.28	2.4823	1.696037	7	29
KY_RS	07/29/2021	20	323,751.12	2.4111	0.606590	7	29
KY_RS	07/29/2021	21	314,710.77	2.34377	0.027441	7	29
KY_RS	07/29/2021	22	305,528.93	2.27539	0.000000	7	29
KY_RS	07/29/2021	23	286,201.97	2.13145	0.000000	7	29
KY_RS	07/29/2021	24	259,784.52	1.93471	0.000000	7	29
KY_RS	07/30/2021	1	233,908.31	1.742	0.000000	7	30
KY_RS	07/30/2021	2	212,209.03	1.5804	0.000000	7	30
KY_RS	07/30/2021	3	195,292.33	1.45442	0.000000	7	30
KY_RS	07/30/2021	4	181,304.01	1.35024	0.000000	7	30
KY_RS	07/30/2021	5	170,649.97	1.27089	0.000000	7	30
KY_RS	07/30/2021	6	164,849.05	1.22769	0.000000	7	30
KY_RS	07/30/2021	7	164,770.88	1.22711	0.000000	7	30
KY_RS	07/30/2021	8	168,441.98	1.25445	0.268857	7	30
KY_RS	07/30/2021	9	173,289.80	1.29055	1.138958	7	30
KY_RS	07/30/2021	10	183,235.97	1.36463	2.238031	7	30
KY_RS	07/30/2021	11	200,187.00	1.49087	3.138617	7	30
KY_RS	07/30/2021	12	220,912.00	1.64521	3.811299	7	30
KY_RS	07/30/2021	13	238,325.51	1.7749	4.244699	7	30
KY_RS	07/30/2021	14	254,930.72	1.89856	3.679918	7	30
KY_RS	07/30/2021	15	268,816.76	2.00198	4.289297	7	30
KY_RS	07/30/2021	16	282,662.36	2.10509	3.969692	7	30
KY_RS	07/30/2021	17	295,085.44	2.19761	3.436964	7	30
KY_RS	07/30/2021	18	305,029.02	2.27167	2.231645	7	30
KY_RS	07/30/2021	19	302,505.37	2.25287	1.455134	7	30
KY_RS	07/30/2021	20	286,489.45	2.13359	0.535862	7	30
KY_RS	07/30/2021	21	264,639.44	1.97087	0.018037	7	30
KY_RS	07/30/2021	22	248,755.10	1.85257	0.000000	7	30
KY_RS	07/30/2021	23	229,171.83	1.70673	0.000000	7	30
KY_RS	07/30/2021	24	204,173.34	1.52056	0.000000	7	30

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	07/31/2021	1	179,718.28	1.33843	0.000000	7	31
KY_RS	07/31/2021	2	160,272.01	1.19361	0.000000	7	31
KY_RS	07/31/2021	3	144,708.08	1.0777	0.000000	7	31
KY_RS	07/31/2021	4	133,488.00	0.99414	0.000000	7	31
KY_RS	07/31/2021	5	126,100.21	0.93912	0.000000	7	31
KY_RS	07/31/2021	6	121,825.11	0.90728	0.000000	7	31
KY_RS	07/31/2021	7	121,146.36	0.90222	0.000000	7	31
KY_RS	07/31/2021	8	126,182.27	0.93973	0.249187	7	31
KY_RS	07/31/2021	9	136,528.60	1.01678	1.138444	7	31
KY_RS	07/31/2021	10	151,946.77	1.1316	2.257662	7	31
KY_RS	07/31/2021	11	167,980.64	1.25101	3.186088	7	31
KY_RS	07/31/2021	12	188,181.05	1.40146	3.800479	7	31
KY_RS	07/31/2021	13	209,586.66	1.56087	3.546141	7	31
KY_RS	07/31/2021	14	209,910.43	1.56328	4.373732	7	31
KY_RS	07/31/2021	15	206,756.78	1.5398	3.721909	7	31
KY_RS	07/31/2021	16	200,316.22	1.49183	1.580434	7	31
KY_RS	07/31/2021	17	194,088.71	1.44545	1.959280	7	31
KY_RS	07/31/2021	18	194,048.28	1.44515	2.207232	7	31
KY_RS	07/31/2021	19	189,428.32	1.41074	1.505603	7	31
KY_RS	07/31/2021	20	184,055.55	1.37073	0.509909	7	31
KY_RS	07/31/2021	21	179,742.29	1.33861	0.027392	7	31
KY_RS	07/31/2021	22	177,264.58	1.32016	0.000000	7	31
KY_RS	07/31/2021	23	168,214.83	1.25276	0.000000	7	31
KY_RS	07/31/2021	24	152,110.44	1.13282	0.000000	7	31
KY_RS	08/01/2021	1	133,227.49	0.9922	0.000000	8	1
KY_RS	08/01/2021	2	118,029.80	0.87901	0.000000	8	1
KY_RS	08/01/2021	3	107,066.88	0.79737	0.000000	8	1
KY_RS	08/01/2021	4	99,511.41	0.7411	0.000000	8	1
KY_RS	08/01/2021	5	94,425.52	0.70322	0.000000	8	1
KY_RS	08/01/2021	6	92,085.53	0.6858	0.000000	8	1
KY_RS	08/01/2021	7	92,515.19	0.689	0.000000	8	1
KY_RS	08/01/2021	8	100,680.59	0.74981	0.205905	8	1
KY_RS	08/01/2021	9	118,782.14	0.88462	1.204326	8	1

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	08/01/2021	10	140,335.09	1.04513	2.445540	8	1
KY_RS	08/01/2021	11	162,364.30	1.20919	3.381463	8	1
KY_RS	08/01/2021	12	184,502.05	1.37406	4.056171	8	1
KY_RS	08/01/2021	13	203,894.15	1.51848	2.824123	8	1
KY_RS	08/01/2021	14	218,291.26	1.6257	3.206101	8	1
KY_RS	08/01/2021	15	232,728.12	1.73321	3.752464	8	1
KY_RS	08/01/2021	16	237,096.83	1.76575	2.526924	8	1
KY_RS	08/01/2021	17	233,492.22	1.7389	2.939743	8	1
KY_RS	08/01/2021	18	247,691.65	1.84465	1.536731	8	1
KY_RS	08/01/2021	19	246,123.82	1.83298	0.725730	8	1
KY_RS	08/01/2021	20	236,037.43	1.75786	0.530462	8	1
KY_RS	08/01/2021	21	226,323.95	1.68552	0.024869	8	1
KY_RS	08/01/2021	22	214,787.93	1.59961	0.000000	8	1
KY_RS	08/01/2021	23	192,400.35	1.43288	0.000000	8	1
KY_RS	08/01/2021	24	163,209.87	1.21549	0.000000	8	1
KY_RS	08/02/2021	1	137,003.76	1.02032	0.000000	8	2
KY_RS	08/02/2021	2	118,317.78	0.88116	0.000000	8	2
KY_RS	08/02/2021	3	106,106.89	0.79022	0.000000	8	2
KY_RS	08/02/2021	4	98,790.39	0.73573	0.000000	8	2
KY_RS	08/02/2021	5	95,133.79	0.7085	0.000000	8	2
KY_RS	08/02/2021	6	96,025.07	0.71513	0.000000	8	2
KY_RS	08/02/2021	7	101,349.90	0.75479	0.000000	8	2
KY_RS	08/02/2021	8	107,724.51	0.80226	0.209198	8	2
KY_RS	08/02/2021	9	114,403.37	0.852	1.216231	8	2
KY_RS	08/02/2021	10	126,264.29	0.94034	2.493401	8	2
KY_RS	08/02/2021	11	140,551.92	1.04674	3.449001	8	2
KY_RS	08/02/2021	12	156,605.38	1.1663	4.142333	8	2
KY_RS	08/02/2021	13	172,031.90	1.28119	4.533394	8	2
KY_RS	08/02/2021	14	184,464.40	1.37378	3.562358	8	2
KY_RS	08/02/2021	15	195,559.93	1.45641	3.507353	8	2
KY_RS	08/02/2021	16	210,413.16	1.56703	2.702437	8	2
KY_RS	08/02/2021	17	228,828.61	1.70417	2.442282	8	2
KY_RS	08/02/2021	18	246,791.21	1.83795	2.332988	8	2

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	08/02/2021	19	253,810.05	1.89022	1.703778	8	2
KY_RS	08/02/2021	20	245,314.26	1.82695	0.566005	8	2
KY_RS	08/02/2021	21	227,492.62	1.69422	0.022119	8	2
KY_RS	08/02/2021	22	213,155.01	1.58745	0.000000	8	2
KY_RS	08/02/2021	23	190,013.17	1.4151	0.000000	8	2
KY_RS	08/02/2021	24	160,555.02	1.19571	0.000000	8	2
KY_RS	08/03/2021	1	135,586.62	1.00976	0.000000	8	3
KY_RS	08/03/2021	2	117,823.79	0.87748	0.000000	8	3
KY_RS	08/03/2021	3	106,197.91	0.7909	0.000000	8	3
KY_RS	08/03/2021	4	99,224.75	0.73896	0.000000	8	3
KY_RS	08/03/2021	5	95,753.51	0.71311	0.000000	8	3
KY_RS	08/03/2021	6	96,749.25	0.72053	0.000000	8	3
KY_RS	08/03/2021	7	102,226.43	0.76132	0.000000	8	3
KY_RS	08/03/2021	8	109,189.81	0.81318	0.219496	8	3
KY_RS	08/03/2021	9	117,840.20	0.8776	1.212781	8	3
KY_RS	08/03/2021	10	130,802.47	0.97414	2.453632	8	3
KY_RS	08/03/2021	11	146,908.75	1.09408	3.430530	8	3
KY_RS	08/03/2021	12	164,193.51	1.22281	4.014661	8	3
KY_RS	08/03/2021	13	180,440.18	1.34381	4.504963	8	3
KY_RS	08/03/2021	14	193,031.18	1.43758	4.365610	8	3
KY_RS	08/03/2021	15	205,433.22	1.52994	4.383662	8	3
KY_RS	08/03/2021	16	217,914.88	1.62289	4.355782	8	3
KY_RS	08/03/2021	17	234,549.67	1.74678	3.820560	8	3
KY_RS	08/03/2021	18	250,155.06	1.863	2.997894	8	3
KY_RS	08/03/2021	19	253,170.96	1.88546	1.840832	8	3
KY_RS	08/03/2021	20	243,781.67	1.81553	0.563229	8	3
KY_RS	08/03/2021	21	228,034.79	1.69826	0.030917	8	3
KY_RS	08/03/2021	22	214,458.14	1.59715	0.000000	8	3
KY_RS	08/03/2021	23	192,415.80	1.43299	0.000000	8	3
KY_RS	08/03/2021	24	163,496.91	1.21762	0.000000	8	3
KY_RS	08/04/2021	1	138,714.15	1.03306	0.000000	8	4
KY_RS	08/04/2021	2	120,259.43	0.89562	0.000000	8	4
KY_RS	08/04/2021	3	108,736.64	0.8098	0.000000	8	4

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	08/04/2021	4	101,206.14	0.75372	0.000000	8	4
KY_RS	08/04/2021	5	97,151.25	0.72352	0.000000	8	4
KY_RS	08/04/2021	6	97,940.13	0.7294	0.000000	8	4
KY_RS	08/04/2021	7	103,475.61	0.77062	0.000000	8	4
KY_RS	08/04/2021	8	110,266.01	0.82119	0.200617	8	4
KY_RS	08/04/2021	9	118,821.43	0.88491	1.197916	8	4
KY_RS	08/04/2021	10	131,260.19	0.97754	2.500850	8	4
KY_RS	08/04/2021	11	178,093.00	1.32633	3.457631	8	4
KY_RS	08/04/2021	12	164,195.05	1.22282	4.119107	8	4
KY_RS	08/04/2021	13	182,802.87	1.3614	4.522370	8	4
KY_RS	08/04/2021	14	195,267.40	1.45423	4.673784	8	4
KY_RS	08/04/2021	15	208,073.60	1.5496	4.591063	8	4
KY_RS	08/04/2021	16	222,057.72	1.65375	4.178603	8	4
KY_RS	08/04/2021	17	232,299.35	1.73002	3.578375	8	4
KY_RS	08/04/2021	18	240,235.52	1.78912	2.870151	8	4
KY_RS	08/04/2021	19	246,826.22	1.83821	1.740615	8	4
KY_RS	08/04/2021	20	237,977.75	1.77231	0.540176	8	4
KY_RS	08/04/2021	21	228,604.35	1.7025	0.012979	8	4
KY_RS	08/04/2021	22	221,801.78	1.65184	0.000000	8	4
KY_RS	08/04/2021	23	203,006.08	1.51186	0.000000	8	4
KY_RS	08/04/2021	24	175,300.33	1.30553	0.000000	8	4
KY_RS	08/05/2021	1	148,934.39	1.10917	0.000000	8	5
KY_RS	08/05/2021	2	128,865.34	0.95971	0.000000	8	5
KY_RS	08/05/2021	3	115,581.91	0.86078	0.000000	8	5
KY_RS	08/05/2021	4	107,415.85	0.79997	0.000000	8	5
KY_RS	08/05/2021	5	103,106.09	0.76787	0.000000	8	5
KY_RS	08/05/2021	6	103,274.66	0.76913	0.000000	8	5
KY_RS	08/05/2021	7	108,666.46	0.80928	0.000000	8	5
KY_RS	08/05/2021	8	115,787.78	0.86232	0.179973	8	5
KY_RS	08/05/2021	9	126,156.16	0.93953	1.162502	8	5
KY_RS	08/05/2021	10	143,610.55	1.06952	2.403820	8	5
KY_RS	08/05/2021	11	165,222.42	1.23047	3.335580	8	5
KY_RS	08/05/2021	12	189,194.63	1.409	3.992472	8	5

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	08/05/2021	13	211,463.79	1.57485	4.213233	8	5
KY_RS	08/05/2021	14	230,101.26	1.71365	3.192107	8	5
KY_RS	08/05/2021	15	246,065.53	1.83254	3.400533	8	5
KY_RS	08/05/2021	16	262,532.68	1.95518	3.857060	8	5
KY_RS	08/05/2021	17	280,509.76	2.08906	3.624002	8	5
KY_RS	08/05/2021	18	295,512.15	2.20079	2.793242	8	5
KY_RS	08/05/2021	19	299,342.42	2.22932	1.697326	8	5
KY_RS	08/05/2021	20	291,615.54	2.17177	0.529371	8	5
KY_RS	08/05/2021	21	273,975.63	2.0404	0.016328	8	5
KY_RS	08/05/2021	22	259,269.87	1.93088	0.000000	8	5
KY_RS	08/05/2021	23	234,894.40	1.74935	0.000000	8	5
KY_RS	08/05/2021	24	204,696.23	1.52445	0.000000	8	5
KY_RS	08/06/2021	1	176,350.66	1.31335	0.000000	8	6
KY_RS	08/06/2021	2	154,487.07	1.15052	0.000000	8	6
KY_RS	08/06/2021	3	138,173.27	1.02903	0.000000	8	6
KY_RS	08/06/2021	4	126,631.51	0.94307	0.000000	8	6
KY_RS	08/06/2021	5	119,147.73	0.88734	0.000000	8	6
KY_RS	08/06/2021	6	116,888.08	0.87051	0.000000	8	6
KY_RS	08/06/2021	7	119,948.90	0.8933	0.000000	8	6
KY_RS	08/06/2021	8	126,818.11	0.94446	0.192303	8	6
KY_RS	08/06/2021	9	137,851.13	1.02663	1.160685	8	6
KY_RS	08/06/2021	10	152,688.99	1.13713	1.640863	8	6
KY_RS	08/06/2021	11	172,984.27	1.28828	3.354990	8	6
KY_RS	08/06/2021	12	202,408.82	1.50741	1.797178	8	6
KY_RS	08/06/2021	13	225,200.79	1.67715	1.573088	8	6
KY_RS	08/06/2021	14	243,834.18	1.81592	3.778714	8	6
KY_RS	08/06/2021	15	257,183.14	1.91534	1.983186	8	6
KY_RS	08/06/2021	16	272,982.25	2.033	1.749445	8	6
KY_RS	08/06/2021	17	287,009.04	2.13746	1.542069	8	6
KY_RS	08/06/2021	18	290,807.24	2.16575	1.270668	8	6
KY_RS	08/06/2021	19	282,481.57	2.10375	1.467399	8	6
KY_RS	08/06/2021	20	268,256.76	1.99781	0.489477	8	6
KY_RS	08/06/2021	21	253,446.75	1.88751	0.006699	8	6

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	08/06/2021	22	243,013.50	1.80981	0.000000	8	6
KY_RS	08/06/2021	23	226,213.14	1.68469	0.000000	8	6
KY_RS	08/06/2021	24	203,990.29	1.51919	0.000000	8	6
KY_RS	08/07/2021	1	180,771.49	1.34627	0.000000	8	7
KY_RS	08/07/2021	2	160,619.52	1.19619	0.000000	8	7
KY_RS	08/07/2021	3	145,753.26	1.08548	0.000000	8	7
KY_RS	08/07/2021	4	135,642.82	1.01018	0.000000	8	7
KY_RS	08/07/2021	5	128,438.45	0.95653	0.000000	8	7
KY_RS	08/07/2021	6	124,491.89	0.92714	0.000000	8	7
KY_RS	08/07/2021	7	123,525.89	0.91994	0.000000	8	7
KY_RS	08/07/2021	8	130,217.77	0.96978	0.218773	8	7
KY_RS	08/07/2021	9	148,510.46	1.10601	1.022026	8	7
KY_RS	08/07/2021	10	171,945.61	1.28054	2.101047	8	7
KY_RS	08/07/2021	11	203,044.26	1.51215	3.325919	8	7
KY_RS	08/07/2021	12	221,356.22	1.64852	4.100063	8	7
KY_RS	08/07/2021	13	245,671.95	1.82961	4.544660	8	7
KY_RS	08/07/2021	14	264,833.17	1.97231	4.765005	8	7
KY_RS	08/07/2021	15	280,998.56	2.0927	2.904298	8	7
KY_RS	08/07/2021	16	296,441.75	2.20771	4.072637	8	7
KY_RS	08/07/2021	17	307,067.03	2.28684	3.534344	8	7
KY_RS	08/07/2021	18	314,353.69	2.34111	2.611329	8	7
KY_RS	08/07/2021	19	308,061.78	2.29425	1.602905	8	7
KY_RS	08/07/2021	20	286,995.04	2.13736	0.508039	8	7
KY_RS	08/07/2021	21	269,396.69	2.0063	0.020432	8	7
KY_RS	08/07/2021	22	254,926.76	1.89854	0.000000	8	7
KY_RS	08/07/2021	23	237,610.97	1.76958	0.000000	8	7
KY_RS	08/07/2021	24	213,827.69	1.59246	0.000000	8	7
KY_RS	08/08/2021	1	189,406.83	1.41058	0.000000	8	8
KY_RS	08/08/2021	2	169,392.23	1.26153	0.000000	8	8
KY_RS	08/08/2021	3	154,168.42	1.14815	0.000000	8	8
KY_RS	08/08/2021	4	142,449.28	1.06087	0.000000	8	8
KY_RS	08/08/2021	5	133,337.14	0.99301	0.000000	8	8
KY_RS	08/08/2021	6	127,595.91	0.95025	0.000000	8	8

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	08/08/2021	7	125,333.12	0.9334	0.000000	8	8
KY_RS	08/08/2021	8	133,616.95	0.9951	0.164428	8	8
KY_RS	08/08/2021	9	158,648.66	1.18152	1.167997	8	8
KY_RS	08/08/2021	10	190,983.02	1.42232	2.465358	8	8
KY_RS	08/08/2021	11	224,108.83	1.66902	3.429155	8	8
KY_RS	08/08/2021	12	254,011.92	1.89172	3.821761	8	8
KY_RS	08/08/2021	13	279,885.79	2.08441	4.271344	8	8
KY_RS	08/08/2021	14	299,470.82	2.23027	4.721969	8	8
KY_RS	08/08/2021	15	314,817.08	2.34456	4.541422	8	8
KY_RS	08/08/2021	16	327,271.00	2.43731	4.099505	8	8
KY_RS	08/08/2021	17	341,250.61	2.54142	3.520139	8	8
KY_RS	08/08/2021	18	348,623.36	2.59633	2.731583	8	8
KY_RS	08/08/2021	19	350,025.68	2.60677	0.471352	8	8
KY_RS	08/08/2021	20	340,347.71	2.5347	0.148365	8	8
KY_RS	08/08/2021	21	324,381.18	2.41579	0.000000	8	8
KY_RS	08/08/2021	22	309,363.65	2.30395	0.000000	8	8
KY_RS	08/08/2021	23	281,115.17	2.09357	0.000000	8	8
KY_RS	08/08/2021	24	247,515.92	1.84334	0.000000	8	8
KY_RS	08/09/2021	1	216,921.80	1.6155	0.000000	8	9
KY_RS	08/09/2021	2	193,280.51	1.43943	0.000000	8	9
KY_RS	08/09/2021	3	176,096.07	1.31145	0.000000	8	9
KY_RS	08/09/2021	4	163,425.96	1.21709	0.000000	8	9
KY_RS	08/09/2021	5	155,021.30	1.1545	0.000000	8	9
KY_RS	08/09/2021	6	151,225.65	1.12623	0.000000	8	9
KY_RS	08/09/2021	7	151,818.32	1.13065	0.000000	8	9
KY_RS	08/09/2021	8	155,700.78	1.15956	0.174252	8	9
KY_RS	08/09/2021	9	168,229.73	1.25287	1.127824	8	9
KY_RS	08/09/2021	10	184,514.93	1.37415	2.410279	8	9
KY_RS	08/09/2021	11	201,420.05	1.50005	3.376678	8	9
KY_RS	08/09/2021	12	208,215.89	1.55066	4.098900	8	9
KY_RS	08/09/2021	13	219,882.07	1.63754	4.531984	8	9
KY_RS	08/09/2021	14	214,655.43	1.59862	4.744732	8	9
KY_RS	08/09/2021	15	210,490.78	1.5676	4.686878	8	9

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	08/09/2021	16	211,198.94	1.57288	4.375691	8	9
KY_RS	08/09/2021	17	219,056.28	1.63139	3.800464	8	9
KY_RS	08/09/2021	18	231,617.98	1.72495	2.962671	8	9
KY_RS	08/09/2021	19	238,317.03	1.77484	1.778481	8	9
KY_RS	08/09/2021	20	234,991.15	1.75007	0.492172	8	9
KY_RS	08/09/2021	21	230,130.05	1.71387	0.010496	8	9
KY_RS	08/09/2021	22	225,451.49	1.67902	0.000000	8	9
KY_RS	08/09/2021	23	208,124.26	1.54998	0.000000	8	9
KY_RS	08/09/2021	24	183,486.16	1.36649	0.000000	8	9
KY_RS	08/10/2021	1	160,637.69	1.19633	0.000000	8	10
KY_RS	08/10/2021	2	144,973.60	1.07967	0.000000	8	10
KY_RS	08/10/2021	3	135,501.71	1.00913	0.000000	8	10
KY_RS	08/10/2021	4	129,693.87	0.96588	0.000000	8	10
KY_RS	08/10/2021	5	127,010.67	0.9459	0.000000	8	10
KY_RS	08/10/2021	6	128,868.79	0.95973	0.000000	8	10
KY_RS	08/10/2021	7	136,059.63	1.01329	0.000000	8	10
KY_RS	08/10/2021	8	146,750.38	1.09291	0.146531	8	10
KY_RS	08/10/2021	9	163,115.87	1.21479	1.202178	8	10
KY_RS	08/10/2021	10	163,584.57	1.21828	2.484093	8	10
KY_RS	08/10/2021	11	164,271.08	1.22339	2.703993	8	10
KY_RS	08/10/2021	12	167,276.45	1.24577	2.969679	8	10
KY_RS	08/10/2021	13	173,379.21	1.29122	2.769753	8	10
KY_RS	08/10/2021	14	185,674.83	1.38279	4.226681	8	10
KY_RS	08/10/2021	15	200,709.34	1.49476	4.770970	8	10
KY_RS	08/10/2021	16	219,935.69	1.63794	4.445993	8	10
KY_RS	08/10/2021	17	246,470.60	1.83556	3.847953	8	10
KY_RS	08/10/2021	18	281,299.93	2.09495	2.970243	8	10
KY_RS	08/10/2021	19	300,983.37	2.24154	1.775557	8	10
KY_RS	08/10/2021	20	299,000.39	2.22677	0.480685	8	10
KY_RS	08/10/2021	21	290,528.64	2.16368	0.010818	8	10
KY_RS	08/10/2021	22	281,637.47	2.09746	0.000000	8	10
KY_RS	08/10/2021	23	258,744.84	1.92697	0.000000	8	10
KY_RS	08/10/2021	24	231,433.41	1.72357	0.000000	8	10

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	08/11/2021	1	207,416.10	1.54471	0.000000	8	11
KY_RS	08/11/2021	2	189,378.00	1.41037	0.000000	8	11
KY_RS	08/11/2021	3	175,847.96	1.30961	0.000000	8	11
KY_RS	08/11/2021	4	165,871.34	1.23531	0.000000	8	11
KY_RS	08/11/2021	5	159,783.27	1.18997	0.000000	8	11
KY_RS	08/11/2021	6	159,435.48	1.18738	0.000000	8	11
KY_RS	08/11/2021	7	164,146.23	1.22246	0.000000	8	11
KY_RS	08/11/2021	8	171,287.46	1.27564	0.148614	8	11
KY_RS	08/11/2021	9	180,070.85	1.34106	1.167726	8	11
KY_RS	08/11/2021	10	205,857.37	1.5331	2.470256	8	11
KY_RS	08/11/2021	11	236,458.24	1.76099	3.438189	8	11
KY_RS	08/11/2021	12	262,684.10	1.95631	4.078923	8	11
KY_RS	08/11/2021	13	281,284.01	2.09483	4.353428	8	11
KY_RS	08/11/2021	14	297,762.88	2.21755	4.429871	8	11
KY_RS	08/11/2021	15	316,219.04	2.355	3.738325	8	11
KY_RS	08/11/2021	16	330,693.71	2.4628	3.784730	8	11
KY_RS	08/11/2021	17	345,116.78	2.57021	3.093036	8	11
KY_RS	08/11/2021	18	358,803.06	2.67214	2.082085	8	11
KY_RS	08/11/2021	19	361,904.86	2.69524	1.360204	8	11
KY_RS	08/11/2021	20	353,281.70	2.63102	0.440256	8	11
KY_RS	08/11/2021	21	339,752.73	2.53027	0.003257	8	11
KY_RS	08/11/2021	22	328,402.80	2.44574	0.000000	8	11
KY_RS	08/11/2021	23	304,386.96	2.26688	0.000000	8	11
KY_RS	08/11/2021	24	273,876.88	2.03966	0.000000	8	11
KY_RS	08/12/2021	1	245,372.77	1.82738	0.000000	8	12
KY_RS	08/12/2021	2	222,211.08	1.65489	0.000000	8	12
KY_RS	08/12/2021	3	203,908.75	1.51859	0.000000	8	12
KY_RS	08/12/2021	4	189,019.03	1.4077	0.000000	8	12
KY_RS	08/12/2021	5	179,658.22	1.33798	0.000000	8	12
KY_RS	08/12/2021	6	175,701.00	1.30851	0.000000	8	12
KY_RS	08/12/2021	7	177,864.92	1.32463	0.000000	8	12
KY_RS	08/12/2021	8	184,379.95	1.37315	0.152242	8	12
KY_RS	08/12/2021	9	199,792.85	1.48793	0.590657	8	12

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	08/12/2021	10	225,208.26	1.67721	1.024061	8	12
KY_RS	08/12/2021	11	251,403.46	1.8723	1.374492	8	12
KY_RS	08/12/2021	12	277,865.98	2.06937	1.925137	8	12
KY_RS	08/12/2021	13	300,314.13	2.23655	2.502151	8	12
KY_RS	08/12/2021	14	318,429.02	2.37146	1.735471	8	12
KY_RS	08/12/2021	15	335,170.98	2.49614	2.160101	8	12
KY_RS	08/12/2021	16	351,268.23	2.61603	2.257984	8	12
KY_RS	08/12/2021	17	365,708.01	2.72357	1.353824	8	12
KY_RS	08/12/2021	18	375,800.62	2.79873	0.412407	8	12
KY_RS	08/12/2021	19	375,056.43	2.79319	0.772486	8	12
KY_RS	08/12/2021	20	365,152.22	2.71943	0.449159	8	12
KY_RS	08/12/2021	21	353,151.53	2.63005	0.000000	8	12
KY_RS	08/12/2021	22	340,955.31	2.53922	0.000000	8	12
KY_RS	08/12/2021	23	307,722.01	2.29172	0.000000	8	12
KY_RS	08/12/2021	24	272,474.13	2.02922	0.000000	8	12
KY_RS	08/13/2021	1	241,881.08	1.80138	0.000000	8	13
KY_RS	08/13/2021	2	215,450.20	1.60454	0.000000	8	13
KY_RS	08/13/2021	3	194,597.01	1.44924	0.000000	8	13
KY_RS	08/13/2021	4	179,268.29	1.33508	0.000000	8	13
KY_RS	08/13/2021	5	168,922.12	1.25803	0.000000	8	13
KY_RS	08/13/2021	6	164,804.03	1.22736	0.000000	8	13
KY_RS	08/13/2021	7	165,223.51	1.23048	0.000000	8	13
KY_RS	08/13/2021	8	170,130.95	1.26703	0.105155	8	13
KY_RS	08/13/2021	9	182,695.32	1.3606	0.377817	8	13
KY_RS	08/13/2021	10	211,779.83	1.5772	0.206406	8	13
KY_RS	08/13/2021	11	242,175.19	1.80357	0.662665	8	13
KY_RS	08/13/2021	12	270,287.17	2.01293	1.672551	8	13
KY_RS	08/13/2021	13	291,541.26	2.17122	2.604865	8	13
KY_RS	08/13/2021	14	306,025.80	2.27909	3.661648	8	13
KY_RS	08/13/2021	15	302,318.12	2.25148	2.507405	8	13
KY_RS	08/13/2021	16	295,158.49	2.19816	3.445916	8	13
KY_RS	08/13/2021	17	308,810.40	2.29983	2.278337	8	13
KY_RS	08/13/2021	18	317,207.85	2.36237	2.272456	8	13

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	08/13/2021	19	329,122.30	2.4511	1.630877	8	13
KY_RS	08/13/2021	20	317,793.40	2.36673	0.442117	8	13
KY_RS	08/13/2021	21	299,734.76	2.23224	0.000000	8	13
KY_RS	08/13/2021	22	275,438.93	2.0513	0.000000	8	13
KY_RS	08/13/2021	23	251,717.17	1.87463	0.000000	8	13
KY_RS	08/13/2021	24	224,959.78	1.67536	0.000000	8	13
KY_RS	08/14/2021	1	199,148.63	1.48313	0.000000	8	14
KY_RS	08/14/2021	2	178,130.73	1.32661	0.000000	8	14
KY_RS	08/14/2021	3	162,555.72	1.21061	0.000000	8	14
KY_RS	08/14/2021	4	150,698.39	1.12231	0.000000	8	14
KY_RS	08/14/2021	5	142,634.20	1.06225	0.000000	8	14
KY_RS	08/14/2021	6	137,538.95	1.0243	0.000000	8	14
KY_RS	08/14/2021	7	136,517.73	1.0167	0.000000	8	14
KY_RS	08/14/2021	8	143,126.96	1.06592	0.154556	8	14
KY_RS	08/14/2021	9	155,864.22	1.16078	1.103493	8	14
KY_RS	08/14/2021	10	169,550.96	1.26271	0.982796	8	14
KY_RS	08/14/2021	11	190,283.76	1.41711	2.101469	8	14
KY_RS	08/14/2021	12	214,880.92	1.6003	3.414625	8	14
KY_RS	08/14/2021	13	237,986.27	1.77237	3.622760	8	14
KY_RS	08/14/2021	14	249,657.51	1.85929	3.727086	8	14
KY_RS	08/14/2021	15	262,080.57	1.95181	3.635366	8	14
KY_RS	08/14/2021	16	272,058.39	2.02612	3.663588	8	14
KY_RS	08/14/2021	17	280,697.51	2.09046	2.883805	8	14
KY_RS	08/14/2021	18	285,227.92	2.1242	2.671245	8	14
KY_RS	08/14/2021	19	280,659.43	2.09018	1.561116	8	14
KY_RS	08/14/2021	20	261,055.17	1.94418	0.262763	8	14
KY_RS	08/14/2021	21	243,552.17	1.81382	0.000000	8	14
KY_RS	08/14/2021	22	234,298.91	1.74491	0.000000	8	14
KY_RS	08/14/2021	23	220,569.40	1.64266	0.000000	8	14
KY_RS	08/14/2021	24	201,131.70	1.4979	0.000000	8	14
KY_RS	08/15/2021	1	179,240.06	1.33487	0.000000	8	15
KY_RS	08/15/2021	2	160,474.75	1.19512	0.000000	8	15
KY_RS	08/15/2021	3	146,402.76	1.09032	0.000000	8	15

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	08/15/2021	4	135,235.37	1.00715	0.000000	8	15
KY_RS	08/15/2021	5	126,496.31	0.94207	0.000000	8	15
KY_RS	08/15/2021	6	120,144.25	0.89476	0.000000	8	15
KY_RS	08/15/2021	7	116,922.94	0.87077	0.000000	8	15
KY_RS	08/15/2021	8	119,723.03	0.89162	0.139738	8	15
KY_RS	08/15/2021	9	130,143.72	0.96923	1.106785	8	15
KY_RS	08/15/2021	10	143,224.08	1.06664	2.397336	8	15
KY_RS	08/15/2021	11	153,468.12	1.14293	3.374852	8	15
KY_RS	08/15/2021	12	162,508.99	1.21027	4.036728	8	15
KY_RS	08/15/2021	13	181,121.77	1.34888	3.020593	8	15
KY_RS	08/15/2021	14	198,364.91	1.4773	3.912336	8	15
KY_RS	08/15/2021	15	209,493.11	1.56017	3.969505	8	15
KY_RS	08/15/2021	16	221,724.72	1.65127	3.594164	8	15
KY_RS	08/15/2021	17	228,021.25	1.69816	2.087216	8	15
KY_RS	08/15/2021	18	232,487.20	1.73142	1.951929	8	15
KY_RS	08/15/2021	19	231,689.95	1.72548	1.550804	8	15
KY_RS	08/15/2021	20	226,080.65	1.68371	0.449884	8	15
KY_RS	08/15/2021	21	222,362.64	1.65602	0.000000	8	15
KY_RS	08/15/2021	22	216,825.21	1.61478	0.000000	8	15
KY_RS	08/15/2021	23	197,076.60	1.4677	0.000000	8	15
KY_RS	08/15/2021	24	172,156.01	1.28211	0.000000	8	15
KY_RS	08/16/2021	1	150,401.14	1.12009	0.000000	8	16
KY_RS	08/16/2021	2	133,643.49	0.99529	0.000000	8	16
KY_RS	08/16/2021	3	122,833.04	0.91478	0.000000	8	16
KY_RS	08/16/2021	4	116,294.40	0.86609	0.000000	8	16
KY_RS	08/16/2021	5	113,574.94	0.84584	0.000000	8	16
KY_RS	08/16/2021	6	115,944.22	0.86348	0.000000	8	16
KY_RS	08/16/2021	7	123,896.41	0.9227	0.000000	8	16
KY_RS	08/16/2021	8	129,752.00	0.96631	0.156064	8	16
KY_RS	08/16/2021	9	131,673.75	0.98062	1.084367	8	16
KY_RS	08/16/2021	10	137,095.50	1.021	2.338907	8	16
KY_RS	08/16/2021	11	145,426.49	1.08305	3.318848	8	16
KY_RS	08/16/2021	12	159,970.68	1.19136	3.880732	8	16

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	08/16/2021	13	173,903.80	1.29513	4.407960	8	16
KY_RS	08/16/2021	14	184,813.12	1.37637	4.262434	8	16
KY_RS	08/16/2021	15	204,169.17	1.52052	3.630706	8	16
KY_RS	08/16/2021	16	223,523.66	1.66466	4.105318	8	16
KY_RS	08/16/2021	17	237,671.07	1.77003	2.473010	8	16
KY_RS	08/16/2021	18	250,694.13	1.86701	2.265115	8	16
KY_RS	08/16/2021	19	253,402.35	1.88718	1.466229	8	16
KY_RS	08/16/2021	20	253,129.58	1.88515	0.388229	8	16
KY_RS	08/16/2021	21	247,708.54	1.84478	0.000000	8	16
KY_RS	08/16/2021	22	238,612.08	1.77703	0.000000	8	16
KY_RS	08/16/2021	23	216,779.07	1.61444	0.000000	8	16
KY_RS	08/16/2021	24	188,882.88	1.40668	0.000000	8	16
KY_RS	08/17/2021	1	165,196.21	1.23028	0.000000	8	17
KY_RS	08/17/2021	2	148,399.36	1.10519	0.000000	8	17
KY_RS	08/17/2021	3	137,072.87	1.02083	0.000000	8	17
KY_RS	08/17/2021	4	129,462.87	0.96416	0.000000	8	17
KY_RS	08/17/2021	5	124,876.90	0.93001	0.000000	8	17
KY_RS	08/17/2021	6	126,177.34	0.93969	0.000000	8	17
KY_RS	08/17/2021	7	133,961.54	0.99766	0.000000	8	17
KY_RS	08/17/2021	8	140,573.50	1.0469	0.131562	8	17
KY_RS	08/17/2021	9	143,451.99	1.06834	0.736099	8	17
KY_RS	08/17/2021	10	150,163.92	1.11833	1.401497	8	17
KY_RS	08/17/2021	11	166,289.29	1.23842	2.541928	8	17
KY_RS	08/17/2021	12	190,351.00	1.41762	4.017021	8	17
KY_RS	08/17/2021	13	213,185.64	1.58767	3.588900	8	17
KY_RS	08/17/2021	14	234,283.37	1.7448	2.276478	8	17
KY_RS	08/17/2021	15	253,876.94	1.89072	1.208019	8	17
KY_RS	08/17/2021	16	270,753.95	2.01641	2.246883	8	17
KY_RS	08/17/2021	17	276,134.49	2.05648	2.667725	8	17
KY_RS	08/17/2021	18	279,417.65	2.08093	2.208955	8	17
KY_RS	08/17/2021	19	278,856.84	2.07675	1.154862	8	17
KY_RS	08/17/2021	20	272,395.03	2.02863	0.387326	8	17
KY_RS	08/17/2021	21	267,740.34	1.99396	0.000000	8	17

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	08/17/2021	22	258,973.38	1.92867	0.000000	8	17
KY_RS	08/17/2021	23	234,629.83	1.74738	0.000000	8	17
KY_RS	08/17/2021	24	202,922.73	1.51124	0.000000	8	17
KY_RS	08/18/2021	1	176,528.84	1.31468	0.000000	8	18
KY_RS	08/18/2021	2	158,328.74	1.17913	0.000000	8	18
KY_RS	08/18/2021	3	145,008.75	1.07993	0.000000	8	18
KY_RS	08/18/2021	4	136,471.82	1.01636	0.000000	8	18
KY_RS	08/18/2021	5	131,191.60	0.97703	0.000000	8	18
KY_RS	08/18/2021	6	133,119.86	0.99139	0.000000	8	18
KY_RS	08/18/2021	7	143,238.88	1.06675	0.000000	8	18
KY_RS	08/18/2021	8	145,936.98	1.08685	0.132470	8	18
KY_RS	08/18/2021	9	151,185.51	1.12594	0.862896	8	18
KY_RS	08/18/2021	10	172,655.49	1.28583	2.082955	8	18
KY_RS	08/18/2021	11	193,985.24	1.44468	2.624369	8	18
KY_RS	08/18/2021	12	212,604.94	1.58335	3.554647	8	18
KY_RS	08/18/2021	13	235,987.83	1.75749	3.707548	8	18
KY_RS	08/18/2021	14	256,298.13	1.90875	3.476376	8	18
KY_RS	08/18/2021	15	274,072.08	2.04112	3.624518	8	18
KY_RS	08/18/2021	16	292,919.16	2.18148	3.455416	8	18
KY_RS	08/18/2021	17	314,647.10	2.3433	3.503433	8	18
KY_RS	08/18/2021	18	327,220.84	2.43694	2.606180	8	18
KY_RS	08/18/2021	19	328,188.10	2.44414	1.473188	8	18
KY_RS	08/18/2021	20	316,343.18	2.35593	0.346389	8	18
KY_RS	08/18/2021	21	307,574.38	2.29062	0.000000	8	18
KY_RS	08/18/2021	22	295,589.28	2.20136	0.000000	8	18
KY_RS	08/18/2021	23	270,456.83	2.01419	0.000000	8	18
KY_RS	08/18/2021	24	241,206.61	1.79636	0.000000	8	18
KY_RS	08/19/2021	1	215,691.51	1.60634	0.000000	8	19
KY_RS	08/19/2021	2	195,762.99	1.45792	0.000000	8	19
KY_RS	08/19/2021	3	181,079.05	1.34856	0.000000	8	19
KY_RS	08/19/2021	4	170,517.69	1.26991	0.000000	8	19
KY_RS	08/19/2021	5	163,628.65	1.2186	0.000000	8	19
KY_RS	08/19/2021	6	162,448.39	1.20981	0.000000	8	19

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	08/19/2021	7	169,906.18	1.26536	0.000000	8	19
KY_RS	08/19/2021	8	171,921.15	1.28036	0.136218	8	19
KY_RS	08/19/2021	9	165,979.75	1.23611	1.028391	8	19
KY_RS	08/19/2021	10	163,429.40	1.21712	2.250124	8	19
KY_RS	08/19/2021	11	163,894.80	1.22059	3.191361	8	19
KY_RS	08/19/2021	12	170,174.49	1.26735	3.870984	8	19
KY_RS	08/19/2021	13	189,500.89	1.41128	4.275959	8	19
KY_RS	08/19/2021	14	217,307.04	1.61837	4.178618	8	19
KY_RS	08/19/2021	15	240,697.49	1.79256	4.080455	8	19
KY_RS	08/19/2021	16	264,382.56	1.96896	4.084423	8	19
KY_RS	08/19/2021	17	286,211.87	2.13153	3.484411	8	19
KY_RS	08/19/2021	18	304,638.60	2.26876	2.070521	8	19
KY_RS	08/19/2021	19	306,837.49	2.28513	1.452862	8	19
KY_RS	08/19/2021	20	295,137.76	2.198	0.364976	8	19
KY_RS	08/19/2021	21	282,353.33	2.10279	0.000000	8	19
KY_RS	08/19/2021	22	269,271.55	2.00537	0.000000	8	19
KY_RS	08/19/2021	23	242,617.60	1.80686	0.000000	8	19
KY_RS	08/19/2021	24	209,853.53	1.56286	0.000000	8	19
KY_RS	08/20/2021	1	181,587.33	1.35235	0.000000	8	20
KY_RS	08/20/2021	2	160,412.66	1.19465	0.000000	8	20
KY_RS	08/20/2021	3	145,267.75	1.08186	0.000000	8	20
KY_RS	08/20/2021	4	134,835.98	1.00417	0.000000	8	20
KY_RS	08/20/2021	5	128,331.54	0.95573	0.000000	8	20
KY_RS	08/20/2021	6	128,734.48	0.95873	0.000000	8	20
KY_RS	08/20/2021	7	137,612.55	1.02485	0.000000	8	20
KY_RS	08/20/2021	8	142,599.14	1.06199	0.093146	8	20
KY_RS	08/20/2021	9	152,286.14	1.13413	0.956775	8	20
KY_RS	08/20/2021	10	173,868.76	1.29487	2.072244	8	20
KY_RS	08/20/2021	11	198,442.85	1.47788	2.740770	8	20
KY_RS	08/20/2021	12	222,916.52	1.66014	3.575850	8	20
KY_RS	08/20/2021	13	244,539.82	1.82118	1.508504	8	20
KY_RS	08/20/2021	14	261,016.16	1.94389	2.064194	8	20
KY_RS	08/20/2021	15	277,372.01	2.06569	0.996120	8	20

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	08/20/2021	16	294,971.67	2.19677	2.105907	8	20
KY_RS	08/20/2021	17	310,243.16	2.3105	0.180767	8	20
KY_RS	08/20/2021	18	318,325.73	2.37069	0.104298	8	20
KY_RS	08/20/2021	19	312,390.07	2.32649	0.391544	8	20
KY_RS	08/20/2021	20	294,527.32	2.19346	0.254319	8	20
KY_RS	08/20/2021	21	278,545.85	2.07444	0.000000	8	20
KY_RS	08/20/2021	22	266,004.63	1.98104	0.000000	8	20
KY_RS	08/20/2021	23	246,562.01	1.83624	0.000000	8	20
KY_RS	08/20/2021	24	221,466.23	1.64934	0.000000	8	20
KY_RS	08/21/2021	1	195,747.85	1.45781	0.000000	8	21
KY_RS	08/21/2021	2	173,576.98	1.29269	0.000000	8	21
KY_RS	08/21/2021	3	156,878.54	1.16833	0.000000	8	21
KY_RS	08/21/2021	4	144,191.19	1.07385	0.000000	8	21
KY_RS	08/21/2021	5	134,902.91	1.00467	0.000000	8	21
KY_RS	08/21/2021	6	129,089.81	0.96138	0.000000	8	21
KY_RS	08/21/2021	7	126,788.03	0.94424	0.000000	8	21
KY_RS	08/21/2021	8	133,948.92	0.99757	0.117292	8	21
KY_RS	08/21/2021	9	158,269.16	1.17869	1.078686	8	21
KY_RS	08/21/2021	10	190,099.46	1.41574	2.404196	8	21
KY_RS	08/21/2021	11	220,972.57	1.64567	1.274625	8	21
KY_RS	08/21/2021	12	246,935.78	1.83902	2.867035	8	21
KY_RS	08/21/2021	13	269,308.00	2.00564	3.015874	8	21
KY_RS	08/21/2021	14	287,189.23	2.13881	3.585238	8	21
KY_RS	08/21/2021	15	302,677.14	2.25415	3.691550	8	21
KY_RS	08/21/2021	16	316,317.32	2.35573	4.164800	8	21
KY_RS	08/21/2021	17	321,734.20	2.39608	3.565137	8	21
KY_RS	08/21/2021	18	326,336.76	2.43035	2.634744	8	21
KY_RS	08/21/2021	19	322,727.82	2.40348	1.467234	8	21
KY_RS	08/21/2021	20	305,843.93	2.27773	0.355830	8	21
KY_RS	08/21/2021	21	288,690.40	2.14999	0.000000	8	21
KY_RS	08/21/2021	22	275,519.76	2.0519	0.000000	8	21
KY_RS	08/21/2021	23	255,656.54	1.90397	0.000000	8	21
KY_RS	08/21/2021	24	228,935.60	1.70497	0.000000	8	21

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	08/22/2021	1	203,636.96	1.51656	0.000000	8	22
KY_RS	08/22/2021	2	181,350.53	1.35059	0.000000	8	22
KY_RS	08/22/2021	3	163,675.46	1.21895	0.000000	8	22
KY_RS	08/22/2021	4	150,797.34	1.12304	0.000000	8	22
KY_RS	08/22/2021	5	141,109.45	1.0509	0.000000	8	22
KY_RS	08/22/2021	6	134,361.80	1.00064	0.000000	8	22
KY_RS	08/22/2021	7	131,030.67	0.97583	0.000000	8	22
KY_RS	08/22/2021	8	137,118.53	1.02117	0.105539	8	22
KY_RS	08/22/2021	9	162,767.19	1.21219	0.249945	8	22
KY_RS	08/22/2021	10	199,112.84	1.48287	0.701396	8	22
KY_RS	08/22/2021	11	235,938.47	1.75712	1.263818	8	22
KY_RS	08/22/2021	12	267,535.76	1.99244	0.967116	8	22
KY_RS	08/22/2021	13	293,098.80	2.18282	1.115012	8	22
KY_RS	08/22/2021	14	311,853.04	2.32249	2.493651	8	22
KY_RS	08/22/2021	15	325,439.49	2.42367	0.737024	8	22
KY_RS	08/22/2021	16	336,175.68	2.50363	1.997924	8	22
KY_RS	08/22/2021	17	344,129.77	2.56286	2.215603	8	22
KY_RS	08/22/2021	18	353,492.68	2.63259	0.772955	8	22
KY_RS	08/22/2021	19	354,337.51	2.63888	0.935011	8	22
KY_RS	08/22/2021	20	347,241.87	2.58604	0.215143	8	22
KY_RS	08/22/2021	21	332,841.21	2.47879	0.000000	8	22
KY_RS	08/22/2021	22	313,966.39	2.33823	0.000000	8	22
KY_RS	08/22/2021	23	280,902.71	2.09199	0.000000	8	22
KY_RS	08/22/2021	24	244,681.68	1.82224	0.000000	8	22
KY_RS	08/23/2021	1	213,808.70	1.59231	0.000000	8	23
KY_RS	08/23/2021	2	191,126.85	1.42339	0.000000	8	23
KY_RS	08/23/2021	3	174,056.14	1.29626	0.000000	8	23
KY_RS	08/23/2021	4	161,489.64	1.20267	0.000000	8	23
KY_RS	08/23/2021	5	153,141.28	1.1405	0.000000	8	23
KY_RS	08/23/2021	6	151,487.34	1.12818	0.000000	8	23
KY_RS	08/23/2021	7	158,032.55	1.17693	0.000000	8	23
KY_RS	08/23/2021	8	161,049.19	1.19939	0.000000	8	23
KY_RS	08/23/2021	9	169,459.61	1.26203	0.178069	8	23

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	08/23/2021	10	193,128.91	1.4383	1.235947	8	23
KY_RS	08/23/2021	11	223,616.77	1.66536	1.672671	8	23
KY_RS	08/23/2021	12	256,064.66	1.90701	2.517273	8	23
KY_RS	08/23/2021	13	282,708.38	2.10544	2.789891	8	23
KY_RS	08/23/2021	14	301,383.11	2.24451	3.329251	8	23
KY_RS	08/23/2021	15	317,536.65	2.36481	3.400310	8	23
KY_RS	08/23/2021	16	334,588.90	2.49181	1.692961	8	23
KY_RS	08/23/2021	17	353,698.81	2.63413	2.026368	8	23
KY_RS	08/23/2021	18	369,333.05	2.75056	1.800508	8	23
KY_RS	08/23/2021	19	369,172.08	2.74936	0.632888	8	23
KY_RS	08/23/2021	20	355,295.40	2.64602	0.312490	8	23
KY_RS	08/23/2021	21	342,298.36	2.54922	0.000000	8	23
KY_RS	08/23/2021	22	324,940.11	2.41995	0.000000	8	23
KY_RS	08/23/2021	23	293,499.58	2.1858	0.000000	8	23
KY_RS	08/23/2021	24	260,019.47	1.93646	0.000000	8	23
KY_RS	08/24/2021	1	231,251.39	1.72222	0.000000	8	24
KY_RS	08/24/2021	2	208,877.12	1.55559	0.000000	8	24
KY_RS	08/24/2021	3	191,480.12	1.42602	0.000000	8	24
KY_RS	08/24/2021	4	179,567.97	1.33731	0.000000	8	24
KY_RS	08/24/2021	5	170,357.02	1.26871	0.000000	8	24
KY_RS	08/24/2021	6	167,781.00	1.24953	0.000000	8	24
KY_RS	08/24/2021	7	173,012.23	1.28849	0.000000	8	24
KY_RS	08/24/2021	8	174,485.73	1.29946	0.104185	8	24
KY_RS	08/24/2021	9	182,852.68	1.36177	1.158783	8	24
KY_RS	08/24/2021	10	206,942.39	1.54118	2.595768	8	24
KY_RS	08/24/2021	11	236,228.48	1.75928	3.652787	8	24
KY_RS	08/24/2021	12	264,104.39	1.96688	4.399564	8	24
KY_RS	08/24/2021	13	288,278.94	2.14692	4.831650	8	24
KY_RS	08/24/2021	14	307,325.48	2.28877	4.873889	8	24
KY_RS	08/24/2021	15	323,747.74	2.41107	4.544471	8	24
KY_RS	08/24/2021	16	342,308.06	2.5493	3.934929	8	24
KY_RS	08/24/2021	17	359,932.99	2.68056	3.742195	8	24
KY_RS	08/24/2021	18	373,727.70	2.78329	2.914083	8	24

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	08/24/2021	19	377,202.47	2.80917	1.607148	8	24
KY_RS	08/24/2021	20	366,662.55	2.73067	0.322672	8	24
KY_RS	08/24/2021	21	352,754.68	2.6271	0.000000	8	24
KY_RS	08/24/2021	22	335,725.99	2.50028	0.000000	8	24
KY_RS	08/24/2021	23	305,142.16	2.27251	0.000000	8	24
KY_RS	08/24/2021	24	270,613.73	2.01536	0.000000	8	24
KY_RS	08/25/2021	1	241,079.07	1.79541	0.000000	8	25
KY_RS	08/25/2021	2	218,897.74	1.63021	0.000000	8	25
KY_RS	08/25/2021	3	202,832.67	1.51057	0.000000	8	25
KY_RS	08/25/2021	4	190,891.49	1.42164	0.000000	8	25
KY_RS	08/25/2021	5	182,508.19	1.35921	0.000000	8	25
KY_RS	08/25/2021	6	180,814.22	1.34659	0.000000	8	25
KY_RS	08/25/2021	7	186,903.77	1.39194	0.000000	8	25
KY_RS	08/25/2021	8	188,341.83	1.40265	0.074301	8	25
KY_RS	08/25/2021	9	194,379.30	1.44762	0.786116	8	25
KY_RS	08/25/2021	10	205,882.83	1.53329	2.352967	8	25
KY_RS	08/25/2021	11	219,340.26	1.63351	3.372731	8	25
KY_RS	08/25/2021	12	234,749.27	1.74827	4.166710	8	25
KY_RS	08/25/2021	13	226,960.90	1.69026	4.108072	8	25
KY_RS	08/25/2021	14	213,416.14	1.58939	4.330637	8	25
KY_RS	08/25/2021	15	215,915.30	1.608	4.335982	8	25
KY_RS	08/25/2021	16	235,648.74	1.75496	4.223020	8	25
KY_RS	08/25/2021	17	257,354.96	1.91662	3.659157	8	25
KY_RS	08/25/2021	18	281,626.34	2.09738	2.333554	8	25
KY_RS	08/25/2021	19	289,150.55	2.15341	1.367612	8	25
KY_RS	08/25/2021	20	287,135.83	2.13841	0.275087	8	25
KY_RS	08/25/2021	21	276,145.36	2.05656	0.000000	8	25
KY_RS	08/25/2021	22	263,879.20	1.96521	0.000000	8	25
KY_RS	08/25/2021	23	236,952.65	1.76468	0.000000	8	25
KY_RS	08/25/2021	24	207,277.48	1.54367	0.000000	8	25
KY_RS	08/26/2021	1	181,229.85	1.34969	0.000000	8	26
KY_RS	08/26/2021	2	163,287.31	1.21606	0.000000	8	26
KY_RS	08/26/2021	3	150,518.49	1.12097	0.000000	8	26

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	08/26/2021	4	142,414.92	1.06062	0.000000	8	26
KY_RS	08/26/2021	5	137,347.92	1.02288	0.000000	8	26
KY_RS	08/26/2021	6	139,304.18	1.03745	0.000000	8	26
KY_RS	08/26/2021	7	149,354.99	1.1123	0.000000	8	26
KY_RS	08/26/2021	8	154,077.51	1.14747	0.015599	8	26
KY_RS	08/26/2021	9	163,005.46	1.21396	0.231369	8	26
KY_RS	08/26/2021	10	184,472.66	1.37384	0.202605	8	26
KY_RS	08/26/2021	11	211,734.97	1.57687	0.374446	8	26
KY_RS	08/26/2021	12	241,386.33	1.79769	0.507979	8	26
KY_RS	08/26/2021	13	268,754.02	2.00151	0.632177	8	26
KY_RS	08/26/2021	14	290,689.91	2.16488	0.624891	8	26
KY_RS	08/26/2021	15	309,904.42	2.30797	0.740362	8	26
KY_RS	08/26/2021	16	330,795.42	2.46356	0.639256	8	26
KY_RS	08/26/2021	17	326,277.22	2.42991	0.419947	8	26
KY_RS	08/26/2021	18	304,832.52	2.2702	0.209385	8	26
KY_RS	08/26/2021	19	292,679.66	2.1797	0.101587	8	26
KY_RS	08/26/2021	20	279,915.95	2.08464	0.000000	8	26
KY_RS	08/26/2021	21	271,508.65	2.02203	0.000000	8	26
KY_RS	08/26/2021	22	260,013.54	1.93642	0.000000	8	26
KY_RS	08/26/2021	23	234,983.23	1.75001	0.000000	8	26
KY_RS	08/26/2021	24	204,716.43	1.5246	0.000000	8	26
KY_RS	08/27/2021	1	179,014.29	1.33319	0.000000	8	27
KY_RS	08/27/2021	2	160,582.71	1.19592	0.000000	8	27
KY_RS	08/27/2021	3	147,981.27	1.10207	0.000000	8	27
KY_RS	08/27/2021	4	138,734.51	1.03321	0.000000	8	27
KY_RS	08/27/2021	5	132,765.84	0.98876	0.000000	8	27
KY_RS	08/27/2021	6	133,337.02	0.99301	0.000000	8	27
KY_RS	08/27/2021	7	143,134.95	1.06598	0.000000	8	27
KY_RS	08/27/2021	8	148,977.40	1.10949	0.085933	8	27
KY_RS	08/27/2021	9	156,340.49	1.16433	0.269366	8	27
KY_RS	08/27/2021	10	178,577.45	1.32993	0.433683	8	27
KY_RS	08/27/2021	11	206,140.43	1.53521	1.417383	8	27
KY_RS	08/27/2021	12	237,198.71	1.76651	0.614159	8	27

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	08/27/2021	13	267,707.37	1.99372	0.619108	8	27
KY_RS	08/27/2021	14	290,313.42	2.16207	0.953438	8	27
KY_RS	08/27/2021	15	304,276.97	2.26607	2.176712	8	27
KY_RS	08/27/2021	16	317,335.26	2.36332	2.306548	8	27
KY_RS	08/27/2021	17	321,105.37	2.39139	0.365813	8	27
KY_RS	08/27/2021	18	300,678.17	2.23926	0.621705	8	27
KY_RS	08/27/2021	19	274,034.84	2.04084	0.890061	8	27
KY_RS	08/27/2021	20	258,131.70	1.9224	0.215487	8	27
KY_RS	08/27/2021	21	245,257.34	1.82652	0.000000	8	27
KY_RS	08/27/2021	22	232,603.11	1.73228	0.000000	8	27
KY_RS	08/27/2021	23	215,621.04	1.60581	0.000000	8	27
KY_RS	08/27/2021	24	195,820.11	1.45835	0.000000	8	27
KY_RS	08/28/2021	1	176,464.61	1.3142	0.000000	8	28
KY_RS	08/28/2021	2	160,010.79	1.19166	0.000000	8	28
KY_RS	08/28/2021	3	147,991.27	1.10215	0.000000	8	28
KY_RS	08/28/2021	4	139,416.19	1.03828	0.000000	8	28
KY_RS	08/28/2021	5	133,050.54	0.99088	0.000000	8	28
KY_RS	08/28/2021	6	129,219.65	0.96235	0.000000	8	28
KY_RS	08/28/2021	7	128,934.41	0.96022	0.000000	8	28
KY_RS	08/28/2021	8	137,250.54	1.02216	0.074058	8	28
KY_RS	08/28/2021	9	154,879.86	1.15345	1.118209	8	28
KY_RS	08/28/2021	10	188,337.02	1.40262	2.550382	8	28
KY_RS	08/28/2021	11	222,929.32	1.66024	3.596959	8	28
KY_RS	08/28/2021	12	255,328.38	1.90153	4.355214	8	28
KY_RS	08/28/2021	13	283,130.10	2.10858	4.812680	8	28
KY_RS	08/28/2021	14	302,224.08	2.25078	4.973627	8	28
KY_RS	08/28/2021	15	318,683.98	2.37336	4.895801	8	28
KY_RS	08/28/2021	16	333,175.70	2.48128	4.485194	8	28
KY_RS	08/28/2021	17	342,024.38	2.54718	3.807263	8	28
KY_RS	08/28/2021	18	344,149.07	2.56301	2.786249	8	28
KY_RS	08/28/2021	19	336,995.99	2.50974	1.513927	8	28
KY_RS	08/28/2021	20	321,743.22	2.39614	0.270091	8	28
KY_RS	08/28/2021	21	304,981.82	2.27131	0.000000	8	28

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	08/28/2021	22	290,812.98	2.16579	0.000000	8	28
KY_RS	08/28/2021	23	269,421.85	2.00649	0.000000	8	28
KY_RS	08/28/2021	24	245,765.01	1.8303	0.000000	8	28
KY_RS	08/29/2021	1	222,042.36	1.65363	0.000000	8	29
KY_RS	08/29/2021	2	200,709.16	1.49476	0.000000	8	29
KY_RS	08/29/2021	3	184,285.01	1.37244	0.000000	8	29
KY_RS	08/29/2021	4	172,248.28	1.2828	0.000000	8	29
KY_RS	08/29/2021	5	163,132.23	1.21491	0.000000	8	29
KY_RS	08/29/2021	6	156,679.16	1.16685	0.000000	8	29
KY_RS	08/29/2021	7	152,725.13	1.1374	0.000000	8	29
KY_RS	08/29/2021	8	158,249.48	1.17854	0.065334	8	29
KY_RS	08/29/2021	9	176,865.72	1.31719	1.103240	8	29
KY_RS	08/29/2021	10	208,749.56	1.55464	2.523240	8	29
KY_RS	08/29/2021	11	249,403.90	1.8574	3.557157	8	29
KY_RS	08/29/2021	12	281,142.52	2.09377	4.287321	8	29
KY_RS	08/29/2021	13	306,666.05	2.28386	4.705401	8	29
KY_RS	08/29/2021	14	321,766.21	2.39631	4.835806	8	29
KY_RS	08/29/2021	15	326,869.81	2.43432	4.394490	8	29
KY_RS	08/29/2021	16	341,896.01	2.54623	4.245524	8	29
KY_RS	08/29/2021	17	351,870.59	2.62051	3.631918	8	29
KY_RS	08/29/2021	18	362,466.16	2.69942	2.639054	8	29
KY_RS	08/29/2021	19	361,453.84	2.69188	1.412295	8	29
KY_RS	08/29/2021	20	351,740.55	2.61954	0.220311	8	29
KY_RS	08/29/2021	21	338,578.49	2.52152	0.000000	8	29
KY_RS	08/29/2021	22	320,127.95	2.38411	0.000000	8	29
KY_RS	08/29/2021	23	288,637.36	2.14959	0.000000	8	29
KY_RS	08/29/2021	24	257,211.24	1.91555	0.000000	8	29
KY_RS	08/30/2021	1	228,810.25	1.70404	0.000000	8	30
KY_RS	08/30/2021	2	207,592.64	1.54602	0.000000	8	30
KY_RS	08/30/2021	3	191,328.51	1.4249	0.000000	8	30
KY_RS	08/30/2021	4	180,634.31	1.34525	0.000000	8	30
KY_RS	08/30/2021	5	173,176.43	1.28971	0.000000	8	30
KY_RS	08/30/2021	6	167,878.19	1.25025	0.000000	8	30

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	08/30/2021	7	171,111.67	1.27433	0.000000	8	30
KY_RS	08/30/2021	8	171,075.41	1.27406	0.050652	8	30
KY_RS	08/30/2021	9	173,301.02	1.29064	0.722916	8	30
KY_RS	08/30/2021	10	173,280.53	1.29049	2.118124	8	30
KY_RS	08/30/2021	11	171,123.19	1.27442	3.258946	8	30
KY_RS	08/30/2021	12	172,900.35	1.28765	3.962994	8	30
KY_RS	08/30/2021	13	177,405.46	1.32121	4.393220	8	30
KY_RS	08/30/2021	14	178,627.86	1.33031	3.699829	8	30
KY_RS	08/30/2021	15	178,911.52	1.33242	3.553041	8	30
KY_RS	08/30/2021	16	184,857.18	1.3767	2.526404	8	30
KY_RS	08/30/2021	17	199,374.00	1.48481	0.433454	8	30
KY_RS	08/30/2021	18	221,570.17	1.65012	0.461673	8	30
KY_RS	08/30/2021	19	231,200.72	1.72184	0.465100	8	30
KY_RS	08/30/2021	20	228,182.79	1.69936	0.059473	8	30
KY_RS	08/30/2021	21	226,947.27	1.69016	0.000000	8	30
KY_RS	08/30/2021	22	216,905.13	1.61537	0.000000	8	30
KY_RS	08/30/2021	23	196,008.01	1.45975	0.000000	8	30
KY_RS	08/30/2021	24	171,430.75	1.27671	0.000000	8	30
KY_RS	08/31/2021	1	151,047.76	1.12491	0.000000	8	31
KY_RS	08/31/2021	2	137,892.75	1.02694	0.000000	8	31
KY_RS	08/31/2021	3	129,399.44	0.96369	0.000000	8	31
KY_RS	08/31/2021	4	124,416.39	0.92658	0.000000	8	31
KY_RS	08/31/2021	5	122,276.87	0.91064	0.000000	8	31
KY_RS	08/31/2021	6	125,842.07	0.93719	0.000000	8	31
KY_RS	08/31/2021	7	137,632.83	1.025	0.000000	8	31
KY_RS	08/31/2021	8	143,600.31	1.06945	0.000000	8	31
KY_RS	08/31/2021	9	141,772.37	1.05583	0.188141	8	31
KY_RS	08/31/2021	10	143,250.95	1.06684	0.645343	8	31
KY_RS	08/31/2021	11	147,690.09	1.0999	1.362906	8	31
KY_RS	08/31/2021	12	156,583.10	1.16613	2.121070	8	31
KY_RS	08/31/2021	13	171,538.75	1.27751	2.073875	8	31
KY_RS	08/31/2021	14	181,414.51	1.35106	3.659824	8	31
KY_RS	08/31/2021	15	185,976.64	1.38504	2.074979	8	31

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	08/31/2021	16	194,738.93	1.45029	1.511279	8	31
KY_RS	08/31/2021	17	200,665.29	1.49443	0.526104	8	31
KY_RS	08/31/2021	18	207,597.47	1.54606	0.600431	8	31
KY_RS	08/31/2021	19	211,012.57	1.57149	0.182055	8	31
KY_RS	08/31/2021	20	209,313.50	1.55884	0.031229	8	31
KY_RS	08/31/2021	21	208,135.31	1.55006	0.000000	8	31
KY_RS	08/31/2021	22	200,199.60	1.49096	0.000000	8	31
KY_RS	08/31/2021	23	180,985.25	1.34787	0.000000	8	31
KY_RS	08/31/2021	24	158,775.63	1.18246	0.000000	8	31
KY_RS	09/01/2021	1	140,219.11	1.04426	0.000000	9	1
KY_RS	09/01/2021	2	127,709.14	0.9511	0.000000	9	1
KY_RS	09/01/2021	3	119,700.05	0.89145	0.000000	9	1
KY_RS	09/01/2021	4	115,113.76	0.8573	0.000000	9	1
KY_RS	09/01/2021	5	113,539.36	0.84557	0.000000	9	1
KY_RS	09/01/2021	6	117,250.74	0.87321	0.000000	9	1
KY_RS	09/01/2021	7	126,723.92	0.94376	0.000000	9	1
KY_RS	09/01/2021	8	129,982.54	0.96803	0.051771	9	1
KY_RS	09/01/2021	9	130,904.18	0.97489	0.949303	9	1
KY_RS	09/01/2021	10	144,006.88	1.07247	2.209616	9	1
KY_RS	09/01/2021	11	158,103.91	1.17746	3.109681	9	1
KY_RS	09/01/2021	12	169,978.03	1.26589	2.839198	9	1
KY_RS	09/01/2021	13	186,353.22	1.38784	2.808607	9	1
KY_RS	09/01/2021	14	196,650.72	1.46453	3.266778	9	1
KY_RS	09/01/2021	15	206,641.28	1.53894	3.104482	9	1
KY_RS	09/01/2021	16	222,270.96	1.65534	2.205617	9	1
KY_RS	09/01/2021	17	240,468.20	1.79086	1.586802	9	1
KY_RS	09/01/2021	18	253,967.36	1.89139	0.804440	9	1
KY_RS	09/01/2021	19	253,581.57	1.88852	0.290610	9	1
KY_RS	09/01/2021	20	241,667.90	1.79979	0.096881	9	1
KY_RS	09/01/2021	21	230,560.87	1.71707	0.000000	9	1
KY_RS	09/01/2021	22	216,796.79	1.61457	0.000000	9	1
KY_RS	09/01/2021	23	189,460.73	1.41099	0.000000	9	1
KY_RS	09/01/2021	24	159,354.36	1.18677	0.000000	9	1

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	09/02/2021	1	134,310.75	1.00026	0.000000	9	2
KY_RS	09/02/2021	2	116,738.47	0.8694	0.000000	9	2
KY_RS	09/02/2021	3	105,402.96	0.78498	0.000000	9	2
KY_RS	09/02/2021	4	98,435.28	0.73308	0.000000	9	2
KY_RS	09/02/2021	5	95,193.22	0.70894	0.000000	9	2
KY_RS	09/02/2021	6	97,629.81	0.72709	0.000000	9	2
KY_RS	09/02/2021	7	107,709.13	0.80215	0.000000	9	2
KY_RS	09/02/2021	8	112,457.28	0.83751	0.000000	9	2
KY_RS	09/02/2021	9	114,374.93	0.85179	0.482669	9	2
KY_RS	09/02/2021	10	123,260.42	0.91797	0.761762	9	2
KY_RS	09/02/2021	11	134,521.49	1.00183	0.876678	9	2
KY_RS	09/02/2021	12	147,114.67	1.09562	1.691075	9	2
KY_RS	09/02/2021	13	160,211.91	1.19316	1.746300	9	2
KY_RS	09/02/2021	14	172,572.61	1.28521	2.904673	9	2
KY_RS	09/02/2021	15	186,491.68	1.38887	2.950596	9	2
KY_RS	09/02/2021	16	205,711.39	1.53201	1.533131	9	2
KY_RS	09/02/2021	17	222,882.50	1.65989	0.525044	9	2
KY_RS	09/02/2021	18	245,339.17	1.82713	0.784443	9	2
KY_RS	09/02/2021	19	245,227.94	1.8263	0.288994	9	2
KY_RS	09/02/2021	20	228,537.24	1.702	0.092712	9	2
KY_RS	09/02/2021	21	215,327.93	1.60363	0.000000	9	2
KY_RS	09/02/2021	22	200,766.10	1.49518	0.000000	9	2
KY_RS	09/02/2021	23	173,612.35	1.29296	0.000000	9	2
KY_RS	09/02/2021	24	145,991.45	1.08725	0.000000	9	2
KY_RS	09/03/2021	1	124,183.17	0.92484	0.000000	9	3
KY_RS	09/03/2021	2	109,987.58	0.81912	0.000000	9	3
KY_RS	09/03/2021	3	101,028.07	0.75239	0.000000	9	3
KY_RS	09/03/2021	4	95,603.71	0.712	0.000000	9	3
KY_RS	09/03/2021	5	93,130.99	0.69358	0.000000	9	3
KY_RS	09/03/2021	6	95,368.75	0.71025	0.000000	9	3
KY_RS	09/03/2021	7	105,345.75	0.78455	0.000000	9	3
KY_RS	09/03/2021	8	110,191.38	0.82064	0.000000	9	3
KY_RS	09/03/2021	9	112,423.23	0.83726	0.148507	9	3

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	09/03/2021	10	121,178.21	0.90246	0.399063	9	3
KY_RS	09/03/2021	11	132,146.91	0.98415	1.134807	9	3
KY_RS	09/03/2021	12	144,809.75	1.07845	2.070711	9	3
KY_RS	09/03/2021	13	158,511.06	1.18049	3.019825	9	3
KY_RS	09/03/2021	14	170,943.98	1.27308	3.079253	9	3
KY_RS	09/03/2021	15	183,621.27	1.3675	3.309661	9	3
KY_RS	09/03/2021	16	201,699.23	1.50213	2.586695	9	3
KY_RS	09/03/2021	17	221,364.05	1.64858	2.694834	9	3
KY_RS	09/03/2021	18	230,034.45	1.71315	2.022885	9	3
KY_RS	09/03/2021	19	218,437.22	1.62678	1.005148	9	3
KY_RS	09/03/2021	20	200,943.11	1.4965	0.149715	9	3
KY_RS	09/03/2021	21	194,018.09	1.44493	0.000000	9	3
KY_RS	09/03/2021	22	185,891.53	1.3844	0.000000	9	3
KY_RS	09/03/2021	23	172,551.18	1.28505	0.000000	9	3
KY_RS	09/03/2021	24	153,200.52	1.14094	0.000000	9	3
KY_RS	09/04/2021	1	135,198.43	1.00687	0.000000	9	4
KY_RS	09/04/2021	2	121,153.82	0.90228	0.000000	9	4
KY_RS	09/04/2021	3	110,957.36	0.82634	0.000000	9	4
KY_RS	09/04/2021	4	104,403.70	0.77753	0.000000	9	4
KY_RS	09/04/2021	5	100,185.07	0.74612	0.000000	9	4
KY_RS	09/04/2021	6	98,760.64	0.73551	0.000000	9	4
KY_RS	09/04/2021	7	99,426.60	0.74047	0.000000	9	4
KY_RS	09/04/2021	8	106,468.68	0.79291	0.032683	9	4
KY_RS	09/04/2021	9	121,189.77	0.90255	0.998347	9	4
KY_RS	09/04/2021	10	138,725.26	1.03314	2.270502	9	4
KY_RS	09/04/2021	11	151,044.22	1.12488	3.534397	9	4
KY_RS	09/04/2021	12	165,239.24	1.2306	4.270533	9	4
KY_RS	09/04/2021	13	192,904.68	1.43663	4.344709	9	4
KY_RS	09/04/2021	14	210,579.72	1.56827	4.844840	9	4
KY_RS	09/04/2021	15	223,828.67	1.66694	4.622841	9	4
KY_RS	09/04/2021	16	226,628.24	1.68779	3.319208	9	4
KY_RS	09/04/2021	17	233,718.62	1.74059	3.709096	9	4
KY_RS	09/04/2021	18	228,451.04	1.70136	2.712746	9	4

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	09/04/2021	19	219,754.43	1.63659	1.371377	9	4
KY_RS	09/04/2021	20	209,778.91	1.5623	0.164938	9	4
KY_RS	09/04/2021	21	202,380.61	1.5072	0.000000	9	4
KY_RS	09/04/2021	22	194,358.45	1.44746	0.000000	9	4
KY_RS	09/04/2021	23	182,544.30	1.35948	0.000000	9	4
KY_RS	09/04/2021	24	167,179.58	1.24505	0.000000	9	4
KY_RS	09/05/2021	1	148,890.69	1.10884	0.000000	9	5
KY_RS	09/05/2021	2	134,148.51	0.99905	0.000000	9	5
KY_RS	09/05/2021	3	123,708.40	0.9213	0.000000	9	5
KY_RS	09/05/2021	4	116,606.06	0.86841	0.000000	9	5
KY_RS	09/05/2021	5	112,391.03	0.83702	0.000000	9	5
KY_RS	09/05/2021	6	110,516.43	0.82306	0.000000	9	5
KY_RS	09/05/2021	7	110,785.24	0.82506	0.000000	9	5
KY_RS	09/05/2021	8	117,531.12	0.8753	0.036186	9	5
KY_RS	09/05/2021	9	130,456.36	0.97156	1.073628	9	5
KY_RS	09/05/2021	10	145,848.99	1.08619	2.515557	9	5
KY_RS	09/05/2021	11	163,160.46	1.21512	3.546958	9	5
KY_RS	09/05/2021	12	178,489.80	1.32928	4.238496	9	5
KY_RS	09/05/2021	13	192,498.77	1.43361	4.655222	9	5
KY_RS	09/05/2021	14	203,671.11	1.51682	4.827783	9	5
KY_RS	09/05/2021	15	215,201.94	1.60269	4.709497	9	5
KY_RS	09/05/2021	16	229,657.94	1.71035	4.343754	9	5
KY_RS	09/05/2021	17	239,819.79	1.78603	3.663871	9	5
KY_RS	09/05/2021	18	247,401.30	1.84249	2.694499	9	5
KY_RS	09/05/2021	19	240,744.67	1.79292	1.330137	9	5
KY_RS	09/05/2021	20	222,371.90	1.65609	0.144820	9	5
KY_RS	09/05/2021	21	202,595.48	1.5088	0.000000	9	5
KY_RS	09/05/2021	22	185,035.16	1.37803	0.000000	9	5
KY_RS	09/05/2021	23	170,173.70	1.26735	0.000000	9	5
KY_RS	09/05/2021	24	151,024.62	1.12474	0.000000	9	5
KY_RS	09/06/2021	1	131,069.44	0.97612	0.000000	9	6
KY_RS	09/06/2021	2	114,288.02	0.85115	0.000000	9	6
KY_RS	09/06/2021	3	102,849.57	0.76596	0.000000	9	6

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	09/06/2021	4	95,534.14	0.71148	0.000000	9	6
KY_RS	09/06/2021	5	91,060.39	0.67816	0.000000	9	6
KY_RS	09/06/2021	6	88,961.18	0.66253	0.000000	9	6
KY_RS	09/06/2021	7	89,116.16	0.66368	0.000000	9	6
KY_RS	09/06/2021	8	94,315.96	0.70241	0.029716	9	6
KY_RS	09/06/2021	9	110,098.55	0.81995	0.964971	9	6
KY_RS	09/06/2021	10	132,289.47	0.98521	1.760744	9	6
KY_RS	09/06/2021	11	156,631.85	1.1665	3.231226	9	6
KY_RS	09/06/2021	12	179,565.07	1.33729	3.572359	9	6
KY_RS	09/06/2021	13	198,905.83	1.48133	3.974594	9	6
KY_RS	09/06/2021	14	214,530.81	1.59769	3.853141	9	6
KY_RS	09/06/2021	15	231,343.25	1.7229	2.652945	9	6
KY_RS	09/06/2021	16	249,340.47	1.85693	3.004116	9	6
KY_RS	09/06/2021	17	267,278.07	1.99052	0.934432	9	6
KY_RS	09/06/2021	18	280,003.87	2.08529	1.954471	9	6
KY_RS	09/06/2021	19	280,177.15	2.08658	0.951450	9	6
KY_RS	09/06/2021	20	266,769.80	1.98674	0.125796	9	6
KY_RS	09/06/2021	21	253,110.49	1.88501	0.000000	9	6
KY_RS	09/06/2021	22	234,592.27	1.7471	0.000000	9	6
KY_RS	09/06/2021	23	204,371.94	1.52203	0.000000	9	6
KY_RS	09/06/2021	24	173,883.40	1.29498	0.000000	9	6
KY_RS	09/07/2021	1	149,336.45	1.11216	0.000000	9	7
KY_RS	09/07/2021	2	132,391.54	0.98597	0.000000	9	7
KY_RS	09/07/2021	3	121,845.77	0.90743	0.000000	9	7
KY_RS	09/07/2021	4	114,848.96	0.85532	0.000000	9	7
KY_RS	09/07/2021	5	111,227.28	0.82835	0.000000	9	7
KY_RS	09/07/2021	6	113,084.77	0.84218	0.000000	9	7
KY_RS	09/07/2021	7	122,839.04	0.91483	0.000000	9	7
KY_RS	09/07/2021	8	126,737.21	0.94386	0.025511	9	7
KY_RS	09/07/2021	9	129,495.19	0.9644	0.918972	9	7
KY_RS	09/07/2021	10	144,046.15	1.07277	2.198030	9	7
KY_RS	09/07/2021	11	163,248.74	1.21577	3.243195	9	7
KY_RS	09/07/2021	12	184,094.03	1.37102	3.992751	9	7

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	09/07/2021	13	205,021.81	1.52687	4.415301	9	7
KY_RS	09/07/2021	14	222,357.83	1.65598	4.577207	9	7
KY_RS	09/07/2021	15	238,865.90	1.77892	4.475224	9	7
KY_RS	09/07/2021	16	257,187.92	1.91538	4.055828	9	7
KY_RS	09/07/2021	17	276,694.21	2.06065	2.816595	9	7
KY_RS	09/07/2021	18	291,465.01	2.17065	1.745372	9	7
KY_RS	09/07/2021	19	291,073.33	2.16773	0.996800	9	7
KY_RS	09/07/2021	20	272,758.55	2.03134	0.099802	9	7
KY_RS	09/07/2021	21	258,046.62	1.92177	0.000000	9	7
KY_RS	09/07/2021	22	239,061.42	1.78038	0.000000	9	7
KY_RS	09/07/2021	23	212,148.62	1.57995	0.000000	9	7
KY_RS	09/07/2021	24	182,343.02	1.35798	0.000000	9	7
KY_RS	09/08/2021	1	157,590.59	1.17364	0.000000	9	8
KY_RS	09/08/2021	2	140,222.05	1.04429	0.000000	9	8
KY_RS	09/08/2021	3	130,291.82	0.97033	0.000000	9	8
KY_RS	09/08/2021	4	124,056.18	0.92389	0.000000	9	8
KY_RS	09/08/2021	5	117,579.81	0.87566	0.000000	9	8
KY_RS	09/08/2021	6	118,298.62	0.88101	0.000000	9	8
KY_RS	09/08/2021	7	128,310.67	0.95558	0.000000	9	8
KY_RS	09/08/2021	8	132,516.38	0.9869	0.021959	9	8
KY_RS	09/08/2021	9	128,842.13	0.95954	0.855944	9	8
KY_RS	09/08/2021	10	129,926.07	0.96761	2.152733	9	8
KY_RS	09/08/2021	11	135,111.68	1.00623	3.296820	9	8
KY_RS	09/08/2021	12	150,041.46	1.11742	3.997738	9	8
KY_RS	09/08/2021	13	169,986.32	1.26595	4.386274	9	8
KY_RS	09/08/2021	14	188,271.13	1.40213	4.260769	9	8
KY_RS	09/08/2021	15	202,100.61	1.50512	4.438076	9	8
KY_RS	09/08/2021	16	222,246.98	1.65516	4.055895	9	8
KY_RS	09/08/2021	17	242,912.35	1.80906	3.383325	9	8
KY_RS	09/08/2021	18	258,220.94	1.92307	2.441781	9	8
KY_RS	09/08/2021	19	257,538.28	1.91798	1.161670	9	8
KY_RS	09/08/2021	20	239,551.05	1.78403	0.093492	9	8
KY_RS	09/08/2021	21	224,542.11	1.67225	0.000000	9	8

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	09/08/2021	22	207,014.44	1.54171	0.000000	9	8
KY_RS	09/08/2021	23	179,495.41	1.33677	0.000000	9	8
KY_RS	09/08/2021	24	151,262.13	1.12651	0.000000	9	8
KY_RS	09/09/2021	1	128,070.42	0.95379	0.000000	9	9
KY_RS	09/09/2021	2	111,706.48	0.83192	0.000000	9	9
KY_RS	09/09/2021	3	101,065.57	0.75267	0.000000	9	9
KY_RS	09/09/2021	4	94,808.96	0.70608	0.000000	9	9
KY_RS	09/09/2021	5	91,922.44	0.68458	0.000000	9	9
KY_RS	09/09/2021	6	95,057.53	0.70793	0.000000	9	9
KY_RS	09/09/2021	7	105,941.03	0.78898	0.000000	9	9
KY_RS	09/09/2021	8	110,110.52	0.82003	0.028856	9	9
KY_RS	09/09/2021	9	108,986.25	0.81166	0.950061	9	9
KY_RS	09/09/2021	10	116,515.52	0.86773	2.313322	9	9
KY_RS	09/09/2021	11	126,787.65	0.94424	3.327267	9	9
KY_RS	09/09/2021	12	137,950.64	1.02737	4.040125	9	9
KY_RS	09/09/2021	13	148,540.36	1.10624	4.473018	9	9
KY_RS	09/09/2021	14	157,536.53	1.17323	4.598700	9	9
KY_RS	09/09/2021	15	168,420.41	1.25429	4.418485	9	9
KY_RS	09/09/2021	16	184,004.58	1.37035	3.997760	9	9
KY_RS	09/09/2021	17	199,531.09	1.48598	3.310527	9	9
KY_RS	09/09/2021	18	210,124.18	1.56487	2.352701	9	9
KY_RS	09/09/2021	19	212,231.79	1.58057	1.078769	9	9
KY_RS	09/09/2021	20	201,676.15	1.50196	0.071031	9	9
KY_RS	09/09/2021	21	195,836.36	1.45847	0.000000	9	9
KY_RS	09/09/2021	22	183,575.04	1.36715	0.000000	9	9
KY_RS	09/09/2021	23	160,553.43	1.1957	0.000000	9	9
KY_RS	09/09/2021	24	135,553.37	1.00952	0.000000	9	9
KY_RS	09/10/2021	1	115,891.91	0.86309	0.000000	9	10
KY_RS	09/10/2021	2	101,650.78	0.75703	0.000000	9	10
KY_RS	09/10/2021	3	92,994.09	0.69256	0.000000	9	10
KY_RS	09/10/2021	4	87,901.64	0.65464	0.000000	9	10
KY_RS	09/10/2021	5	86,423.70	0.64363	0.000000	9	10
KY_RS	09/10/2021	6	89,773.20	0.66857	0.000000	9	10

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	09/10/2021	7	100,456.86	0.74814	0.000000	9	10
KY_RS	09/10/2021	8	105,553.69	0.7861	0.024676	9	10
KY_RS	09/10/2021	9	106,134.92	0.79043	0.886828	9	10
KY_RS	09/10/2021	10	112,048.79	0.83447	2.168873	9	10
KY_RS	09/10/2021	11	120,279.43	0.89577	3.158788	9	10
KY_RS	09/10/2021	12	131,322.33	0.97801	3.859730	9	10
KY_RS	09/10/2021	13	143,737.90	1.07047	2.816766	9	10
KY_RS	09/10/2021	14	155,782.61	1.16017	2.266128	9	10
KY_RS	09/10/2021	15	168,191.09	1.25258	3.597876	9	10
KY_RS	09/10/2021	16	185,694.22	1.38293	2.471170	9	10
KY_RS	09/10/2021	17	201,787.21	1.50279	1.946762	9	10
KY_RS	09/10/2021	18	210,149.14	1.56506	0.227711	9	10
KY_RS	09/10/2021	19	207,071.26	1.54214	0.481077	9	10
KY_RS	09/10/2021	20	192,405.21	1.43291	0.054790	9	10
KY_RS	09/10/2021	21	181,440.03	1.35125	0.000000	9	10
KY_RS	09/10/2021	22	170,889.88	1.27268	0.000000	9	10
KY_RS	09/10/2021	23	156,796.52	1.16772	0.000000	9	10
KY_RS	09/10/2021	24	140,668.06	1.04761	0.000000	9	10
KY_RS	09/11/2021	1	119,262.12	0.88819	0.000000	9	11
KY_RS	09/11/2021	2	105,036.20	0.78224	0.000000	9	11
KY_RS	09/11/2021	3	95,962.14	0.71467	0.000000	9	11
KY_RS	09/11/2021	4	89,860.81	0.66923	0.000000	9	11
KY_RS	09/11/2021	5	86,633.89	0.6452	0.000000	9	11
KY_RS	09/11/2021	6	85,811.73	0.63907	0.000000	9	11
KY_RS	09/11/2021	7	87,706.08	0.65318	0.000000	9	11
KY_RS	09/11/2021	8	95,134.95	0.70851	0.014460	9	11
KY_RS	09/11/2021	9	107,834.79	0.80309	0.484552	9	11
KY_RS	09/11/2021	10	121,767.26	0.90685	0.178880	9	11
KY_RS	09/11/2021	11	133,888.37	0.99712	0.756211	9	11
KY_RS	09/11/2021	12	148,175.32	1.10352	0.786072	9	11
KY_RS	09/11/2021	13	166,980.34	1.24357	0.837707	9	11
KY_RS	09/11/2021	14	182,159.91	1.35661	0.800715	9	11
KY_RS	09/11/2021	15	197,623.81	1.47178	0.950080	9	11

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	09/11/2021	16	213,885.87	1.59289	1.671321	9	11
KY_RS	09/11/2021	17	228,470.21	1.7015	1.055704	9	11
KY_RS	09/11/2021	18	235,295.03	1.75233	0.468146	9	11
KY_RS	09/11/2021	19	231,349.80	1.72295	0.689711	9	11
KY_RS	09/11/2021	20	217,064.88	1.61656	0.052328	9	11
KY_RS	09/11/2021	21	208,362.28	1.55175	0.000000	9	11
KY_RS	09/11/2021	22	199,095.63	1.48274	0.000000	9	11
KY_RS	09/11/2021	23	184,239.46	1.3721	0.000000	9	11
KY_RS	09/11/2021	24	166,550.18	1.24036	0.000000	9	11
KY_RS	09/12/2021	1	148,657.12	1.10711	0.000000	9	12
KY_RS	09/12/2021	2	133,798.34	0.99645	0.000000	9	12
KY_RS	09/12/2021	3	122,953.55	0.91568	0.000000	9	12
KY_RS	09/12/2021	4	114,957.91	0.85613	0.000000	9	12
KY_RS	09/12/2021	5	108,409.97	0.80737	0.000000	9	12
KY_RS	09/12/2021	6	104,747.09	0.78009	0.000000	9	12
KY_RS	09/12/2021	7	104,302.60	0.77678	0.000000	9	12
KY_RS	09/12/2021	8	111,069.51	0.82718	0.021810	9	12
KY_RS	09/12/2021	9	130,849.83	0.97449	0.870419	9	12
KY_RS	09/12/2021	10	157,936.22	1.17621	1.619868	9	12
KY_RS	09/12/2021	11	184,107.37	1.37112	1.210679	9	12
KY_RS	09/12/2021	12	208,045.67	1.54939	2.184355	9	12
KY_RS	09/12/2021	13	231,395.40	1.72329	3.830133	9	12
KY_RS	09/12/2021	14	250,821.91	1.86797	3.813662	9	12
KY_RS	09/12/2021	15	267,707.24	1.99372	4.259435	9	12
KY_RS	09/12/2021	16	282,901.64	2.10687	3.424474	9	12
KY_RS	09/12/2021	17	294,320.02	2.19191	2.950839	9	12
KY_RS	09/12/2021	18	304,382.31	2.26685	1.580428	9	12
KY_RS	09/12/2021	19	299,616.39	2.23136	0.479615	9	12
KY_RS	09/12/2021	20	287,055.15	2.13781	0.021573	9	12
KY_RS	09/12/2021	21	279,321.99	2.08022	0.000000	9	12
KY_RS	09/12/2021	22	260,841.68	1.94259	0.000000	9	12
KY_RS	09/12/2021	23	232,353.16	1.73042	0.000000	9	12
KY_RS	09/12/2021	24	202,141.30	1.50542	0.000000	9	12

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	09/13/2021	1	178,203.47	1.32715	0.000000	9	13
KY_RS	09/13/2021	2	159,940.88	1.19114	0.000000	9	13
KY_RS	09/13/2021	3	146,425.32	1.09048	0.000000	9	13
KY_RS	09/13/2021	4	136,010.12	1.01292	0.000000	9	13
KY_RS	09/13/2021	5	128,496.89	0.95696	0.000000	9	13
KY_RS	09/13/2021	6	127,813.97	0.95188	0.000000	9	13
KY_RS	09/13/2021	7	136,547.06	1.01692	0.000000	9	13
KY_RS	09/13/2021	8	140,120.14	1.04353	0.000000	9	13
KY_RS	09/13/2021	9	140,105.47	1.04342	0.152932	9	13
KY_RS	09/13/2021	10	153,311.26	1.14177	0.692312	9	13
KY_RS	09/13/2021	11	172,989.37	1.28832	1.538187	9	13
KY_RS	09/13/2021	12	196,518.28	1.46355	2.985410	9	13
KY_RS	09/13/2021	13	220,619.90	1.64304	4.100401	9	13
KY_RS	09/13/2021	14	240,178.88	1.7887	3.637530	9	13
KY_RS	09/13/2021	15	258,343.97	1.92398	3.247588	9	13
KY_RS	09/13/2021	16	277,011.52	2.06301	2.718883	9	13
KY_RS	09/13/2021	17	293,620.00	2.1867	2.034562	9	13
KY_RS	09/13/2021	18	307,675.15	2.29137	1.502901	9	13
KY_RS	09/13/2021	19	306,984.90	2.28623	0.845261	9	13
KY_RS	09/13/2021	20	291,413.91	2.17027	0.021773	9	13
KY_RS	09/13/2021	21	280,918.84	2.09211	0.000000	9	13
KY_RS	09/13/2021	22	259,990.33	1.93625	0.000000	9	13
KY_RS	09/13/2021	23	229,711.71	1.71075	0.000000	9	13
KY_RS	09/13/2021	24	198,873.89	1.48109	0.000000	9	13
KY_RS	09/14/2021	1	173,139.06	1.28943	0.000000	9	14
KY_RS	09/14/2021	2	153,714.89	1.14477	0.000000	9	14
KY_RS	09/14/2021	3	140,084.69	1.04326	0.000000	9	14
KY_RS	09/14/2021	4	131,266.49	0.97759	0.000000	9	14
KY_RS	09/14/2021	5	126,325.09	0.94079	0.000000	9	14
KY_RS	09/14/2021	6	127,580.19	0.95014	0.000000	9	14
KY_RS	09/14/2021	7	137,791.67	1.02619	0.000000	9	14
KY_RS	09/14/2021	8	141,832.03	1.05628	0.008467	9	14
KY_RS	09/14/2021	9	145,514.47	1.0837	0.857237	9	14

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	09/14/2021	10	163,516.06	1.21777	2.153030	9	14
KY_RS	09/14/2021	11	188,190.53	1.40153	3.220672	9	14
KY_RS	09/14/2021	12	214,872.49	1.60024	3.933119	9	14
KY_RS	09/14/2021	13	237,105.56	1.76581	4.321692	9	14
KY_RS	09/14/2021	14	253,768.77	1.88991	4.327071	9	14
KY_RS	09/14/2021	15	269,595.67	2.00778	4.058967	9	14
KY_RS	09/14/2021	16	287,118.15	2.13828	3.549748	9	14
KY_RS	09/14/2021	17	303,125.04	2.25749	2.703749	9	14
KY_RS	09/14/2021	18	317,601.38	2.3653	1.717957	9	14
KY_RS	09/14/2021	19	316,152.84	2.35451	0.696160	9	14
KY_RS	09/14/2021	20	301,998.87	2.2491	0.000000	9	14
KY_RS	09/14/2021	21	292,808.71	2.18066	0.000000	9	14
KY_RS	09/14/2021	22	275,244.30	2.04985	0.000000	9	14
KY_RS	09/14/2021	23	247,436.26	1.84275	0.000000	9	14
KY_RS	09/14/2021	24	217,165.57	1.61731	0.000000	9	14
KY_RS	09/15/2021	1	191,374.32	1.42524	0.000000	9	15
KY_RS	09/15/2021	2	173,401.67	1.29139	0.000000	9	15
KY_RS	09/15/2021	3	160,451.79	1.19494	0.000000	9	15
KY_RS	09/15/2021	4	152,056.54	1.13242	0.000000	9	15
KY_RS	09/15/2021	5	144,844.35	1.07871	0.000000	9	15
KY_RS	09/15/2021	6	143,679.10	1.07003	0.000000	9	15
KY_RS	09/15/2021	7	150,871.72	1.1236	0.000000	9	15
KY_RS	09/15/2021	8	154,230.75	1.14861	0.009069	9	15
KY_RS	09/15/2021	9	155,167.86	1.15559	0.892836	9	15
KY_RS	09/15/2021	10	158,148.19	1.17779	2.269378	9	15
KY_RS	09/15/2021	11	157,769.77	1.17497	3.372614	9	15
KY_RS	09/15/2021	12	165,614.72	1.2334	4.144369	9	15
KY_RS	09/15/2021	13	179,386.56	1.33596	4.592054	9	15
KY_RS	09/15/2021	14	177,585.98	1.32255	4.637798	9	15
KY_RS	09/15/2021	15	188,334.08	1.40259	4.394873	9	15
KY_RS	09/15/2021	16	205,740.82	1.53223	3.964157	9	15
KY_RS	09/15/2021	17	217,212.11	1.61766	3.220905	9	15
KY_RS	09/15/2021	18	238,619.00	1.77709	2.208869	9	15

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	09/15/2021	19	240,226.63	1.78906	0.937162	9	15
KY_RS	09/15/2021	20	230,267.91	1.71489	0.019188	9	15
KY_RS	09/15/2021	21	224,897.37	1.6749	0.000000	9	15
KY_RS	09/15/2021	22	210,410.90	1.56701	0.000000	9	15
KY_RS	09/15/2021	23	184,989.60	1.37769	0.000000	9	15
KY_RS	09/15/2021	24	157,450.31	1.17259	0.000000	9	15
KY_RS	09/16/2021	1	135,817.08	1.01148	0.000000	9	16
KY_RS	09/16/2021	2	121,202.50	0.90264	0.000000	9	16
KY_RS	09/16/2021	3	112,510.29	0.83791	0.000000	9	16
KY_RS	09/16/2021	4	105,834.15	0.78819	0.000000	9	16
KY_RS	09/16/2021	5	103,088.08	0.76774	0.000000	9	16
KY_RS	09/16/2021	6	107,550.77	0.80097	0.000000	9	16
KY_RS	09/16/2021	7	120,215.02	0.89529	0.000000	9	16
KY_RS	09/16/2021	8	126,787.21	0.94423	0.000000	9	16
KY_RS	09/16/2021	9	125,454.71	0.93431	0.787042	9	16
KY_RS	09/16/2021	10	128,648.78	0.9581	2.075187	9	16
KY_RS	09/16/2021	11	137,325.99	1.02272	3.071262	9	16
KY_RS	09/16/2021	12	153,476.24	1.143	3.746698	9	16
KY_RS	09/16/2021	13	172,150.72	1.28207	4.094044	9	16
KY_RS	09/16/2021	14	189,071.06	1.40808	4.296175	9	16
KY_RS	09/16/2021	15	199,702.31	1.48726	3.934277	9	16
KY_RS	09/16/2021	16	218,338.89	1.62605	3.705103	9	16
KY_RS	09/16/2021	17	240,330.88	1.78983	2.854949	9	16
KY_RS	09/16/2021	18	257,702.02	1.9192	1.482184	9	16
KY_RS	09/16/2021	19	259,441.78	1.93216	0.701689	9	16
KY_RS	09/16/2021	20	246,713.51	1.83737	0.004375	9	16
KY_RS	09/16/2021	21	239,837.86	1.78616	0.000000	9	16
KY_RS	09/16/2021	22	224,341.45	1.67076	0.000000	9	16
KY_RS	09/16/2021	23	198,865.11	1.48102	0.000000	9	16
KY_RS	09/16/2021	24	170,320.20	1.26844	0.000000	9	16
KY_RS	09/17/2021	1	145,696.07	1.08505	0.000000	9	17
KY_RS	09/17/2021	2	128,069.07	0.95378	0.000000	9	17
KY_RS	09/17/2021	3	116,310.37	0.86621	0.000000	9	17

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	09/17/2021	4	109,287.58	0.81391	0.000000	9	17
KY_RS	09/17/2021	5	105,612.73	0.78654	0.000000	9	17
KY_RS	09/17/2021	6	107,907.59	0.80363	0.000000	9	17
KY_RS	09/17/2021	7	118,508.93	0.88258	0.000000	9	17
KY_RS	09/17/2021	8	124,829.57	0.92965	0.000000	9	17
KY_RS	09/17/2021	9	128,957.46	0.96039	0.783814	9	17
KY_RS	09/17/2021	10	144,469.01	1.07592	2.116300	9	17
KY_RS	09/17/2021	11	165,328.80	1.23127	3.198239	9	17
KY_RS	09/17/2021	12	190,024.89	1.41519	3.974071	9	17
KY_RS	09/17/2021	13	212,480.88	1.58243	4.409935	9	17
KY_RS	09/17/2021	14	225,452.34	1.67903	4.572048	9	17
KY_RS	09/17/2021	15	235,451.50	1.7535	4.442983	9	17
KY_RS	09/17/2021	16	252,610.51	1.88129	3.985990	9	17
KY_RS	09/17/2021	17	264,004.13	1.96614	3.223905	9	17
KY_RS	09/17/2021	18	263,622.48	1.9633	2.153915	9	17
KY_RS	09/17/2021	19	268,264.69	1.99787	0.786378	9	17
KY_RS	09/17/2021	20	251,687.25	1.87441	0.007423	9	17
KY_RS	09/17/2021	21	239,872.74	1.78642	0.000000	9	17
KY_RS	09/17/2021	22	226,643.30	1.6879	0.000000	9	17
KY_RS	09/17/2021	23	209,392.84	1.55943	0.000000	9	17
KY_RS	09/17/2021	24	187,919.53	1.39951	0.000000	9	17
KY_RS	09/18/2021	1	165,016.83	1.22894	0.000000	9	18
KY_RS	09/18/2021	2	146,642.34	1.0921	0.000000	9	18
KY_RS	09/18/2021	3	133,582.80	0.99484	0.000000	9	18
KY_RS	09/18/2021	4	123,850.02	0.92236	0.000000	9	18
KY_RS	09/18/2021	5	117,523.15	0.87524	0.000000	9	18
KY_RS	09/18/2021	6	114,244.12	0.85082	0.000000	9	18
KY_RS	09/18/2021	7	114,510.39	0.8528	0.000000	9	18
KY_RS	09/18/2021	8	121,290.44	0.9033	0.009066	9	18
KY_RS	09/18/2021	9	141,072.34	1.05062	0.931883	9	18
KY_RS	09/18/2021	10	171,968.90	1.28072	2.437933	9	18
KY_RS	09/18/2021	11	202,758.15	1.51002	3.634384	9	18
KY_RS	09/18/2021	12	232,904.93	1.73453	4.437250	9	18

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	09/18/2021	13	256,523.46	1.91043	4.906167	9	18
KY_RS	09/18/2021	14	273,956.48	2.04026	5.055488	9	18
KY_RS	09/18/2021	15	291,163.97	2.16841	4.907999	9	18
KY_RS	09/18/2021	16	305,653.77	2.27632	4.455671	9	18
KY_RS	09/18/2021	17	302,475.77	2.25265	3.695438	9	18
KY_RS	09/18/2021	18	296,372.87	2.2072	2.589250	9	18
KY_RS	09/18/2021	19	285,335.17	2.125	1.078518	9	18
KY_RS	09/18/2021	20	269,898.17	2.01003	0.023395	9	18
KY_RS	09/18/2021	21	257,973.58	1.92123	0.000000	9	18
KY_RS	09/18/2021	22	243,268.49	1.81171	0.000000	9	18
KY_RS	09/18/2021	23	223,860.74	1.66718	0.000000	9	18
KY_RS	09/18/2021	24	201,567.98	1.50115	0.000000	9	18
KY_RS	09/19/2021	1	178,284.83	1.32775	0.000000	9	19
KY_RS	09/19/2021	2	158,411.73	1.17975	0.000000	9	19
KY_RS	09/19/2021	3	142,970.72	1.06476	0.000000	9	19
KY_RS	09/19/2021	4	131,634.11	0.98033	0.000000	9	19
KY_RS	09/19/2021	5	123,868.98	0.9225	0.000000	9	19
KY_RS	09/19/2021	6	118,918.00	0.88563	0.000000	9	19
KY_RS	09/19/2021	7	117,195.19	0.8728	0.000000	9	19
KY_RS	09/19/2021	8	122,731.95	0.91403	0.010052	9	19
KY_RS	09/19/2021	9	141,591.52	1.05449	1.043843	9	19
KY_RS	09/19/2021	10	165,890.50	1.23545	2.634094	9	19
KY_RS	09/19/2021	11	194,601.72	1.44927	3.775146	9	19
KY_RS	09/19/2021	12	229,617.41	1.71005	4.523008	9	19
KY_RS	09/19/2021	13	252,645.80	1.88155	4.955026	9	19
KY_RS	09/19/2021	14	275,756.33	2.05366	5.066834	9	19
KY_RS	09/19/2021	15	281,266.06	2.09469	4.904737	9	19
KY_RS	09/19/2021	16	293,124.59	2.18301	4.458838	9	19
KY_RS	09/19/2021	17	290,993.99	2.16714	3.702581	9	19
KY_RS	09/19/2021	18	286,764.47	2.13564	2.605578	9	19
KY_RS	09/19/2021	19	281,713.45	2.09803	1.083902	9	19
KY_RS	09/19/2021	20	274,227.56	2.04228	0.020078	9	19
KY_RS	09/19/2021	21	269,305.53	2.00562	0.000000	9	19

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	09/19/2021	22	251,169.12	1.87055	0.000000	9	19
KY_RS	09/19/2021	23	224,259.18	1.67014	0.000000	9	19
KY_RS	09/19/2021	24	195,427.36	1.45542	0.000000	9	19
KY_RS	09/20/2021	1	170,663.29	1.27099	0.000000	9	20
KY_RS	09/20/2021	2	152,509.97	1.1358	0.000000	9	20
KY_RS	09/20/2021	3	140,182.63	1.04399	0.000000	9	20
KY_RS	09/20/2021	4	132,405.19	0.98607	0.000000	9	20
KY_RS	09/20/2021	5	128,631.99	0.95797	0.000000	9	20
KY_RS	09/20/2021	6	130,942.73	0.97518	0.000000	9	20
KY_RS	09/20/2021	7	141,518.79	1.05394	0.000000	9	20
KY_RS	09/20/2021	8	146,607.20	1.09184	0.010120	9	20
KY_RS	09/20/2021	9	143,126.81	1.06592	1.025478	9	20
KY_RS	09/20/2021	10	144,453.12	1.0758	2.579504	9	20
KY_RS	09/20/2021	11	152,032.75	1.13225	3.707813	9	20
KY_RS	09/20/2021	12	160,366.84	1.19431	4.482733	9	20
KY_RS	09/20/2021	13	168,871.94	1.25765	4.911640	9	20
KY_RS	09/20/2021	14	168,616.62	1.25575	5.039210	9	20
KY_RS	09/20/2021	15	165,550.03	1.23291	4.897563	9	20
KY_RS	09/20/2021	16	171,953.93	1.28061	4.445969	9	20
KY_RS	09/20/2021	17	183,854.69	1.36924	3.679956	9	20
KY_RS	09/20/2021	18	199,507.52	1.48581	2.564961	9	20
KY_RS	09/20/2021	19	203,773.41	1.51758	1.046407	9	20
KY_RS	09/20/2021	20	202,212.67	1.50595	0.012440	9	20
KY_RS	09/20/2021	21	200,595.07	1.49391	0.000000	9	20
KY_RS	09/20/2021	22	188,619.44	1.40472	0.000000	9	20
KY_RS	09/20/2021	23	168,486.59	1.25478	0.000000	9	20
KY_RS	09/20/2021	24	146,058.66	1.08775	0.000000	9	20
KY_RS	09/21/2021	1	127,446.06	0.94914	0.000000	9	21
KY_RS	09/21/2021	2	114,230.09	0.85071	0.000000	9	21
KY_RS	09/21/2021	3	105,877.89	0.78851	0.000000	9	21
KY_RS	09/21/2021	4	101,444.23	0.75549	0.000000	9	21
KY_RS	09/21/2021	5	100,578.06	0.74904	0.000000	9	21
KY_RS	09/21/2021	6	105,471.57	0.78549	0.000000	9	21

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	09/21/2021	7	118,907.47	0.88555	0.000000	9	21
KY_RS	09/21/2021	8	125,108.67	0.93173	0.006177	9	21
KY_RS	09/21/2021	9	122,896.30	0.91525	0.995655	9	21
KY_RS	09/21/2021	10	124,149.89	0.92459	2.533011	9	21
KY_RS	09/21/2021	11	127,243.78	0.94763	3.654961	9	21
KY_RS	09/21/2021	12	132,326.20	0.98548	4.372856	9	21
KY_RS	09/21/2021	13	138,121.31	1.02864	4.804248	9	21
KY_RS	09/21/2021	14	141,166.45	1.05132	4.886149	9	21
KY_RS	09/21/2021	15	146,455.02	1.09071	4.703188	9	21
KY_RS	09/21/2021	16	156,443.09	1.16509	4.285105	9	21
KY_RS	09/21/2021	17	169,591.56	1.26301	3.530265	9	21
KY_RS	09/21/2021	18	185,547.47	1.38184	2.423920	9	21
KY_RS	09/21/2021	19	193,121.97	1.43825	0.974913	9	21
KY_RS	09/21/2021	20	196,435.89	1.46293	0.005053	9	21
KY_RS	09/21/2021	21	197,767.60	1.47285	0.000000	9	21
KY_RS	09/21/2021	22	187,563.18	1.39685	0.000000	9	21
KY_RS	09/21/2021	23	170,403.18	1.26906	0.000000	9	21
KY_RS	09/21/2021	24	149,490.15	1.11331	0.000000	9	21
KY_RS	09/22/2021	1	131,570.98	0.97986	0.000000	9	22
KY_RS	09/22/2021	2	119,490.20	0.88989	0.000000	9	22
KY_RS	09/22/2021	3	112,386.05	0.83698	0.000000	9	22
KY_RS	09/22/2021	4	105,610.07	0.78652	0.000000	9	22
KY_RS	09/22/2021	5	99,266.46	0.73927	0.000000	9	22
KY_RS	09/22/2021	6	100,446.83	0.74807	0.000000	9	22
KY_RS	09/22/2021	7	109,852.67	0.81811	0.000000	9	22
KY_RS	09/22/2021	8	112,333.15	0.83659	0.002556	9	22
KY_RS	09/22/2021	9	108,749.14	0.8099	0.932257	9	22
KY_RS	09/22/2021	10	108,197.31	0.80579	2.407537	9	22
KY_RS	09/22/2021	11	108,414.02	0.8074	3.441557	9	22
KY_RS	09/22/2021	12	110,183.75	0.82058	4.181966	9	22
KY_RS	09/22/2021	13	111,588.50	0.83104	3.899338	9	22
KY_RS	09/22/2021	14	111,021.00	0.82682	3.932702	9	22
KY_RS	09/22/2021	15	110,937.75	0.8262	4.427222	9	22

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	09/22/2021	16	115,709.02	0.86173	3.350665	9	22
KY_RS	09/22/2021	17	124,356.08	0.92613	2.365053	9	22
KY_RS	09/22/2021	18	135,497.52	1.0091	1.863621	9	22
KY_RS	09/22/2021	19	140,557.43	1.04678	0.702348	9	22
KY_RS	09/22/2021	20	142,911.62	1.06432	0.000000	9	22
KY_RS	09/22/2021	21	142,237.88	1.0593	0.000000	9	22
KY_RS	09/22/2021	22	132,688.45	0.98818	0.000000	9	22
KY_RS	09/22/2021	23	117,938.03	0.87833	0.000000	9	22
KY_RS	09/22/2021	24	101,518.28	0.75604	0.000000	9	22
KY_RS	09/23/2021	1	89,126.83	0.66376	0.000000	9	23
KY_RS	09/23/2021	2	81,630.00	0.60793	0.000000	9	23
KY_RS	09/23/2021	3	77,655.91	0.57833	0.000000	9	23
KY_RS	09/23/2021	4	75,807.38	0.56457	0.000000	9	23
KY_RS	09/23/2021	5	76,479.71	0.56957	0.000000	9	23
KY_RS	09/23/2021	6	82,773.61	0.61645	0.000000	9	23
KY_RS	09/23/2021	7	96,305.67	0.71722	0.000000	9	23
KY_RS	09/23/2021	8	102,484.03	0.76324	0.000000	9	23
KY_RS	09/23/2021	9	100,697.23	0.74993	0.672851	9	23
KY_RS	09/23/2021	10	100,974.60	0.752	1.776161	9	23
KY_RS	09/23/2021	11	101,878.06	0.75872	3.087960	9	23
KY_RS	09/23/2021	12	103,030.02	0.7673	2.594923	9	23
KY_RS	09/23/2021	13	104,456.47	0.77793	2.430103	9	23
KY_RS	09/23/2021	14	104,870.15	0.78101	2.776211	9	23
KY_RS	09/23/2021	15	104,805.57	0.78053	3.286345	9	23
KY_RS	09/23/2021	16	110,171.78	0.82049	2.085757	9	23
KY_RS	09/23/2021	17	119,018.55	0.88638	0.991941	9	23
KY_RS	09/23/2021	18	128,361.56	0.95596	0.662772	9	23
KY_RS	09/23/2021	19	133,043.47	0.99082	0.349209	9	23
KY_RS	09/23/2021	20	135,750.67	1.01099	0.000000	9	23
KY_RS	09/23/2021	21	140,032.68	1.04288	0.000000	9	23
KY_RS	09/23/2021	22	131,745.99	0.98116	0.000000	9	23
KY_RS	09/23/2021	23	117,284.03	0.87346	0.000000	9	23
KY_RS	09/23/2021	24	101,222.69	0.75384	0.000000	9	23

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	09/24/2021	1	89,145.28	0.6639	0.000000	9	24
KY_RS	09/24/2021	2	81,766.91	0.60895	0.000000	9	24
KY_RS	09/24/2021	3	78,018.28	0.58103	0.000000	9	24
KY_RS	09/24/2021	4	76,420.00	0.56913	0.000000	9	24
KY_RS	09/24/2021	5	77,329.01	0.5759	0.000000	9	24
KY_RS	09/24/2021	6	83,574.49	0.62241	0.000000	9	24
KY_RS	09/24/2021	7	97,583.50	0.72674	0.000000	9	24
KY_RS	09/24/2021	8	105,379.75	0.7848	0.000000	9	24
KY_RS	09/24/2021	9	105,383.76	0.78483	0.314749	9	24
KY_RS	09/24/2021	10	104,737.65	0.78002	0.874614	9	24
KY_RS	09/24/2021	11	104,006.45	0.77458	2.794909	9	24
KY_RS	09/24/2021	12	104,470.59	0.77803	1.690035	9	24
KY_RS	09/24/2021	13	106,043.28	0.78974	2.508811	9	24
KY_RS	09/24/2021	14	107,536.78	0.80087	4.038057	9	24
KY_RS	09/24/2021	15	111,026.32	0.82685	3.714127	9	24
KY_RS	09/24/2021	16	119,301.37	0.88848	3.062381	9	24
KY_RS	09/24/2021	17	130,885.18	0.97475	3.178783	9	24
KY_RS	09/24/2021	18	139,954.57	1.04229	2.105310	9	24
KY_RS	09/24/2021	19	140,308.57	1.04493	0.772032	9	24
KY_RS	09/24/2021	20	135,868.61	1.01186	0.000000	9	24
KY_RS	09/24/2021	21	135,970.11	1.01262	0.000000	9	24
KY_RS	09/24/2021	22	129,310.73	0.96303	0.000000	9	24
KY_RS	09/24/2021	23	119,941.15	0.89325	0.000000	9	24
KY_RS	09/24/2021	24	107,409.50	0.79992	0.000000	9	24
KY_RS	09/25/2021	1	95,137.97	0.70853	0.000000	9	25
KY_RS	09/25/2021	2	86,110.63	0.6413	0.000000	9	25
KY_RS	09/25/2021	3	80,311.38	0.59811	0.000000	9	25
KY_RS	09/25/2021	4	76,799.11	0.57195	0.000000	9	25
KY_RS	09/25/2021	5	75,401.43	0.56154	0.000000	9	25
KY_RS	09/25/2021	6	76,233.88	0.56774	0.000000	9	25
KY_RS	09/25/2021	7	79,638.94	0.5931	0.000000	9	25
KY_RS	09/25/2021	8	87,974.35	0.65518	0.000000	9	25
KY_RS	09/25/2021	9	100,618.36	0.74934	0.705921	9	25

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	09/25/2021	10	111,651.10	0.83151	2.216930	9	25
KY_RS	09/25/2021	11	118,449.04	0.88213	3.122804	9	25
KY_RS	09/25/2021	12	122,147.00	0.90967	2.886655	9	25
KY_RS	09/25/2021	13	124,034.06	0.92373	3.608690	9	25
KY_RS	09/25/2021	14	125,896.41	0.9376	4.549841	9	25
KY_RS	09/25/2021	15	129,049.45	0.96108	4.406075	9	25
KY_RS	09/25/2021	16	133,358.81	0.99317	3.984016	9	25
KY_RS	09/25/2021	17	138,978.56	1.03503	3.232105	9	25
KY_RS	09/25/2021	18	142,842.01	1.0638	2.044520	9	25
KY_RS	09/25/2021	19	140,078.69	1.04322	0.771299	9	25
KY_RS	09/25/2021	20	134,196.97	0.99942	0.000000	9	25
KY_RS	09/25/2021	21	132,814.68	0.98912	0.000000	9	25
KY_RS	09/25/2021	22	125,956.13	0.93804	0.000000	9	25
KY_RS	09/25/2021	23	116,511.22	0.8677	0.000000	9	25
KY_RS	09/25/2021	24	105,437.35	0.78523	0.000000	9	25
KY_RS	09/26/2021	1	94,297.81	0.70227	0.000000	9	26
KY_RS	09/26/2021	2	85,579.96	0.63735	0.000000	9	26
KY_RS	09/26/2021	3	80,233.78	0.59753	0.000000	9	26
KY_RS	09/26/2021	4	77,106.47	0.57424	0.000000	9	26
KY_RS	09/26/2021	5	75,739.70	0.56406	0.000000	9	26
KY_RS	09/26/2021	6	76,496.50	0.5697	0.000000	9	26
KY_RS	09/26/2021	7	79,829.73	0.59452	0.000000	9	26
KY_RS	09/26/2021	8	88,353.74	0.658	0.000000	9	26
KY_RS	09/26/2021	9	103,179.36	0.76842	0.830066	9	26
KY_RS	09/26/2021	10	114,997.34	0.85643	2.215853	9	26
KY_RS	09/26/2021	11	122,292.15	0.91076	2.650443	9	26
KY_RS	09/26/2021	12	127,174.35	0.94712	2.537429	9	26
KY_RS	09/26/2021	13	132,620.29	0.98767	2.759508	9	26
KY_RS	09/26/2021	14	135,980.82	1.0127	2.219818	9	26
KY_RS	09/26/2021	15	140,913.62	1.04944	1.742164	9	26
KY_RS	09/26/2021	16	147,162.94	1.09598	1.799124	9	26
KY_RS	09/26/2021	17	158,076.48	1.17726	1.359994	9	26
KY_RS	09/26/2021	18	168,322.67	1.25356	1.788670	9	26

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	09/26/2021	19	168,637.06	1.2559	0.707759	9	26
KY_RS	09/26/2021	20	167,399.77	1.24669	0.000000	9	26
KY_RS	09/26/2021	21	169,629.84	1.2633	0.000000	9	26
KY_RS	09/26/2021	22	155,645.67	1.15915	0.000000	9	26
KY_RS	09/26/2021	23	134,380.37	1.00078	0.000000	9	26
KY_RS	09/26/2021	24	112,915.44	0.84092	0.000000	9	26
KY_RS	09/27/2021	1	96,359.02	0.71762	0.000000	9	27
KY_RS	09/27/2021	2	86,305.25	0.64275	0.000000	9	27
KY_RS	09/27/2021	3	80,217.87	0.59741	0.000000	9	27
KY_RS	09/27/2021	4	77,125.57	0.57438	0.000000	9	27
KY_RS	09/27/2021	5	77,260.16	0.57539	0.000000	9	27
KY_RS	09/27/2021	6	82,962.50	0.61785	0.000000	9	27
KY_RS	09/27/2021	7	96,183.96	0.71632	0.000000	9	27
KY_RS	09/27/2021	8	102,342.36	0.76218	0.000000	9	27
KY_RS	09/27/2021	9	100,846.34	0.75104	0.810455	9	27
KY_RS	09/27/2021	10	103,390.59	0.76999	2.232971	9	27
KY_RS	09/27/2021	11	109,189.01	0.81317	1.674782	9	27
KY_RS	09/27/2021	12	116,969.80	0.87112	2.459538	9	27
KY_RS	09/27/2021	13	127,023.83	0.94599	1.902227	9	27
KY_RS	09/27/2021	14	138,704.20	1.03298	2.892152	9	27
KY_RS	09/27/2021	15	152,222.43	1.13366	3.001305	9	27
KY_RS	09/27/2021	16	170,737.39	1.27155	3.970835	9	27
KY_RS	09/27/2021	17	190,929.67	1.42193	3.192839	9	27
KY_RS	09/27/2021	18	203,636.01	1.51655	2.063616	9	27
KY_RS	09/27/2021	19	209,387.03	1.55938	0.701316	9	27
KY_RS	09/27/2021	20	206,239.79	1.53595	0.000000	9	27
KY_RS	09/27/2021	21	205,905.50	1.53346	0.000000	9	27
KY_RS	09/27/2021	22	192,140.07	1.43094	0.000000	9	27
KY_RS	09/27/2021	23	170,631.38	1.27076	0.000000	9	27
KY_RS	09/27/2021	24	147,721.48	1.10014	0.000000	9	27
KY_RS	09/28/2021	1	128,023.08	0.95344	0.000000	9	28
KY_RS	09/28/2021	2	112,493.22	0.83778	0.000000	9	28
KY_RS	09/28/2021	3	103,416.42	0.77018	0.000000	9	28

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	09/28/2021	4	98,176.51	0.73116	0.000000	9	28
KY_RS	09/28/2021	5	96,259.20	0.71688	0.000000	9	28
KY_RS	09/28/2021	6	99,737.76	0.74278	0.000000	9	28
KY_RS	09/28/2021	7	111,530.41	0.83061	0.000000	9	28
KY_RS	09/28/2021	8	117,252.69	0.87322	0.000000	9	28
KY_RS	09/28/2021	9	115,145.68	0.85753	0.117451	9	28
KY_RS	09/28/2021	10	119,714.07	0.89156	0.841793	9	28
KY_RS	09/28/2021	11	133,492.11	0.99417	1.956895	9	28
KY_RS	09/28/2021	12	148,104.27	1.10299	1.374807	9	28
KY_RS	09/28/2021	13	164,510.15	1.22517	1.794966	9	28
KY_RS	09/28/2021	14	180,608.22	1.34506	0.599118	9	28
KY_RS	09/28/2021	15	196,556.02	1.46383	0.383204	9	28
KY_RS	09/28/2021	16	217,067.75	1.61659	0.473467	9	28
KY_RS	09/28/2021	17	237,037.84	1.76531	0.407509	9	28
KY_RS	09/28/2021	18	251,873.17	1.87579	0.041809	9	28
KY_RS	09/28/2021	19	252,452.65	1.88011	0.455248	9	28
KY_RS	09/28/2021	20	241,963.37	1.80199	0.000000	9	28
KY_RS	09/28/2021	21	235,945.88	1.75718	0.000000	9	28
KY_RS	09/28/2021	22	216,463.62	1.61209	0.000000	9	28
KY_RS	09/28/2021	23	190,597.75	1.41945	0.000000	9	28
KY_RS	09/28/2021	24	162,837.67	1.21271	0.000000	9	28
KY_RS	09/29/2021	1	138,492.02	1.0314	0.000000	9	29
KY_RS	09/29/2021	2	120,726.09	0.89909	0.000000	9	29
KY_RS	09/29/2021	3	108,504.32	0.80807	0.000000	9	29
KY_RS	09/29/2021	4	101,122.28	0.7531	0.000000	9	29
KY_RS	09/29/2021	5	97,430.74	0.7256	0.000000	9	29
KY_RS	09/29/2021	6	99,635.97	0.74203	0.000000	9	29
KY_RS	09/29/2021	7	110,652.58	0.82407	0.000000	9	29
KY_RS	09/29/2021	8	115,023.77	0.85663	0.000000	9	29
KY_RS	09/29/2021	9	113,018.57	0.84169	0.855893	9	29
KY_RS	09/29/2021	10	118,929.82	0.88572	1.868017	9	29
KY_RS	09/29/2021	11	129,611.80	0.96527	3.116560	9	29
KY_RS	09/29/2021	12	143,084.55	1.0656	1.719207	9	29

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	09/29/2021	13	160,045.72	1.19192	1.528750	9	29
KY_RS	09/29/2021	14	176,924.15	1.31762	1.107819	9	29
KY_RS	09/29/2021	15	194,151.48	1.44592	1.414465	9	29
KY_RS	09/29/2021	16	215,433.77	1.60442	1.529512	9	29
KY_RS	09/29/2021	17	235,877.87	1.75667	2.747444	9	29
KY_RS	09/29/2021	18	248,967.85	1.85416	1.025213	9	29
KY_RS	09/29/2021	19	244,501.07	1.82089	0.189254	9	29
KY_RS	09/29/2021	20	229,673.65	1.71047	0.000000	9	29
KY_RS	09/29/2021	21	221,011.45	1.64596	0.000000	9	29
KY_RS	09/29/2021	22	201,295.14	1.49912	0.000000	9	29
KY_RS	09/29/2021	23	174,317.77	1.29821	0.000000	9	29
KY_RS	09/29/2021	24	145,302.19	1.08212	0.000000	9	29
KY_RS	09/30/2021	1	121,934.74	0.90809	0.000000	9	30
KY_RS	09/30/2021	2	105,719.37	0.78733	0.000000	9	30
KY_RS	09/30/2021	3	95,707.51	0.71277	0.000000	9	30
KY_RS	09/30/2021	4	89,564.62	0.66702	0.000000	9	30
KY_RS	09/30/2021	5	86,914.33	0.64728	0.000000	9	30
KY_RS	09/30/2021	6	90,292.56	0.67244	0.000000	9	30
KY_RS	09/30/2021	7	100,776.65	0.75052	0.000000	9	30
KY_RS	09/30/2021	8	106,696.60	0.79461	0.000000	9	30
KY_RS	09/30/2021	9	106,121.95	0.79033	0.857736	9	30
KY_RS	09/30/2021	10	109,682.61	0.81685	2.399613	9	30
KY_RS	09/30/2021	11	117,232.68	0.87308	3.533609	9	30
KY_RS	09/30/2021	12	126,941.99	0.94538	4.280264	9	30
KY_RS	09/30/2021	13	137,465.07	1.02375	4.692547	9	30
KY_RS	09/30/2021	14	149,284.09	1.11177	4.697497	9	30
KY_RS	09/30/2021	15	164,029.50	1.22159	4.044716	9	30
KY_RS	09/30/2021	16	173,831.88	1.29459	3.066234	9	30
KY_RS	09/30/2021	17	193,086.89	1.43799	2.062959	9	30
KY_RS	09/30/2021	18	209,788.35	1.56237	1.922958	9	30
KY_RS	09/30/2021	19	208,904.99	1.55579	0.104216	9	30
KY_RS	09/30/2021	20	197,850.95	1.47347	0.000000	9	30
KY_RS	09/30/2021	21	192,908.49	1.43666	0.000000	9	30

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	09/30/2021	22	175,787.34	1.30915	0.000000	9	30
KY_RS	09/30/2021	23	175,536.55	1.30729	0.000000	9	30
KY_RS	09/30/2021	24	188,041.46	1.40042	0.000000	9	30
KY_RS	10/01/2021	1	111,891.86	0.83333	0.000000	10	1
KY_RS	10/01/2021	2	98,283.54	0.73195	0.000000	10	1
KY_RS	10/01/2021	3	89,355.13	0.66546	0.000000	10	1
KY_RS	10/01/2021	4	84,174.91	0.62688	0.000000	10	1
KY_RS	10/01/2021	5	82,184.84	0.61206	0.000000	10	1
KY_RS	10/01/2021	6	86,091.17	0.64115	0.000000	10	1
KY_RS	10/01/2021	7	97,494.09	0.72608	0.000000	10	1
KY_RS	10/01/2021	8	103,304.04	0.76934	0.000000	10	1
KY_RS	10/01/2021	9	103,438.30	0.77034	0.159461	10	1
KY_RS	10/01/2021	10	106,730.12	0.79486	0.160911	10	1
KY_RS	10/01/2021	11	111,165.19	0.82789	0.861689	10	1
KY_RS	10/01/2021	12	116,181.34	0.86525	0.700582	10	1
KY_RS	10/01/2021	13	127,800.66	0.95178	1.774192	10	1
KY_RS	10/01/2021	14	138,295.18	1.02994	1.911928	10	1
KY_RS	10/01/2021	15	150,477.78	1.12066	0.580958	10	1
KY_RS	10/01/2021	16	169,673.29	1.26362	0.533472	10	1
KY_RS	10/01/2021	17	187,718.02	1.39801	0.796329	10	1
KY_RS	10/01/2021	18	196,629.79	1.46438	2.187691	10	1
KY_RS	10/01/2021	19	188,332.52	1.40258	0.686988	10	1
KY_RS	10/01/2021	20	170,910.11	1.27283	0.000000	10	1
KY_RS	10/01/2021	21	161,722.61	1.20441	0.000000	10	1
KY_RS	10/01/2021	22	150,142.07	1.11816	0.000000	10	1
KY_RS	10/01/2021	23	137,375.84	1.02309	0.000000	10	1
KY_RS	10/01/2021	24	120,721.30	0.89906	0.000000	10	1
KY_RS	10/02/2021	1	104,016.66	0.77465	0.000000	10	2
KY_RS	10/02/2021	2	92,039.64	0.68545	0.000000	10	2
KY_RS	10/02/2021	3	84,443.96	0.62889	0.000000	10	2
KY_RS	10/02/2021	4	79,871.05	0.59483	0.000000	10	2
KY_RS	10/02/2021	5	77,701.20	0.57867	0.000000	10	2
KY_RS	10/02/2021	6	77,816.93	0.57953	0.000000	10	2

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	10/02/2021	7	81,364.94	0.60596	0.000000	10	2
KY_RS	10/02/2021	8	89,778.82	0.66862	0.000000	10	2
KY_RS	10/02/2021	9	102,559.78	0.7638	0.859873	10	2
KY_RS	10/02/2021	10	112,335.59	0.83661	2.451690	10	2
KY_RS	10/02/2021	11	120,474.94	0.89722	3.664130	10	2
KY_RS	10/02/2021	12	125,647.58	0.93574	4.455183	10	2
KY_RS	10/02/2021	13	131,217.84	0.97723	4.909814	10	2
KY_RS	10/02/2021	14	138,444.68	1.03105	4.236742	10	2
KY_RS	10/02/2021	15	152,787.00	1.13786	4.854718	10	2
KY_RS	10/02/2021	16	166,764.83	1.24196	4.344579	10	2
KY_RS	10/02/2021	17	172,229.71	1.28266	3.484432	10	2
KY_RS	10/02/2021	18	176,760.56	1.3164	2.241646	10	2
KY_RS	10/02/2021	19	177,799.94	1.32414	0.696570	10	2
KY_RS	10/02/2021	20	177,975.45	1.32545	0.000000	10	2
KY_RS	10/02/2021	21	176,505.69	1.3145	0.000000	10	2
KY_RS	10/02/2021	22	168,466.21	1.25463	0.000000	10	2
KY_RS	10/02/2021	23	158,629.89	1.18138	0.000000	10	2
KY_RS	10/02/2021	24	143,981.10	1.07228	0.000000	10	2
KY_RS	10/03/2021	1	127,258.38	0.94774	0.000000	10	3
KY_RS	10/03/2021	2	114,796.14	0.85493	0.000000	10	3
KY_RS	10/03/2021	3	106,036.74	0.7897	0.000000	10	3
KY_RS	10/03/2021	4	99,854.33	0.74365	0.000000	10	3
KY_RS	10/03/2021	5	96,084.40	0.71558	0.000000	10	3
KY_RS	10/03/2021	6	94,726.26	0.70546	0.000000	10	3
KY_RS	10/03/2021	7	95,875.87	0.71402	0.000000	10	3
KY_RS	10/03/2021	8	102,795.71	0.76556	0.000000	10	3
KY_RS	10/03/2021	9	118,275.83	0.88084	0.496303	10	3
KY_RS	10/03/2021	10	134,143.21	0.99901	2.343120	10	3
KY_RS	10/03/2021	11	148,320.90	1.1046	3.495820	10	3
KY_RS	10/03/2021	12	160,614.66	1.19616	4.222769	10	3
KY_RS	10/03/2021	13	166,003.47	1.23629	4.678266	10	3
KY_RS	10/03/2021	14	166,256.81	1.23818	4.801360	10	3
KY_RS	10/03/2021	15	164,760.51	1.22703	4.623458	10	3

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	10/03/2021	16	165,731.91	1.23427	4.133034	10	3
KY_RS	10/03/2021	17	177,276.46	1.32024	3.308553	10	3
KY_RS	10/03/2021	18	185,517.17	1.38162	2.105270	10	3
KY_RS	10/03/2021	19	185,226.77	1.37945	0.639844	10	3
KY_RS	10/03/2021	20	189,150.91	1.40868	0.000000	10	3
KY_RS	10/03/2021	21	187,508.01	1.39644	0.000000	10	3
KY_RS	10/03/2021	22	173,730.51	1.29384	0.000000	10	3
KY_RS	10/03/2021	23	153,723.43	1.14484	0.000000	10	3
KY_RS	10/03/2021	24	131,372.68	0.97838	0.000000	10	3
KY_RS	10/04/2021	1	114,372.50	0.85178	0.000000	10	4
KY_RS	10/04/2021	2	101,518.63	0.75605	0.000000	10	4
KY_RS	10/04/2021	3	93,632.67	0.69732	0.000000	10	4
KY_RS	10/04/2021	4	89,134.72	0.66382	0.000000	10	4
KY_RS	10/04/2021	5	88,193.01	0.65681	0.000000	10	4
KY_RS	10/04/2021	6	92,957.77	0.69229	0.000000	10	4
KY_RS	10/04/2021	7	105,800.18	0.78793	0.000000	10	4
KY_RS	10/04/2021	8	112,115.47	0.83497	0.000000	10	4
KY_RS	10/04/2021	9	110,222.38	0.82087	0.790250	10	4
KY_RS	10/04/2021	10	112,319.90	0.83649	2.266608	10	4
KY_RS	10/04/2021	11	119,386.61	0.88912	3.383269	10	4
KY_RS	10/04/2021	12	128,431.10	0.95647	4.115412	10	4
KY_RS	10/04/2021	13	137,503.03	1.02404	4.506855	10	4
KY_RS	10/04/2021	14	146,900.90	1.09403	4.613632	10	4
KY_RS	10/04/2021	15	155,203.48	1.15586	4.453880	10	4
KY_RS	10/04/2021	16	172,460.58	1.28438	3.977276	10	4
KY_RS	10/04/2021	17	183,412.59	1.36594	3.187671	10	4
KY_RS	10/04/2021	18	194,573.14	1.44906	2.016544	10	4
KY_RS	10/04/2021	19	196,153.43	1.46083	0.587144	10	4
KY_RS	10/04/2021	20	195,115.90	1.4531	0.000000	10	4
KY_RS	10/04/2021	21	192,932.71	1.43684	0.000000	10	4
KY_RS	10/04/2021	22	177,382.88	1.32104	0.000000	10	4
KY_RS	10/04/2021	23	154,974.90	1.15416	0.000000	10	4
KY_RS	10/04/2021	24	130,631.73	0.97286	0.000000	10	4

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	10/05/2021	1	111,105.79	0.82745	0.000000	10	5
KY_RS	10/05/2021	2	98,248.71	0.7317	0.000000	10	5
KY_RS	10/05/2021	3	90,442.37	0.67356	0.000000	10	5
KY_RS	10/05/2021	4	85,853.78	0.63939	0.000000	10	5
KY_RS	10/05/2021	5	84,869.63	0.63206	0.000000	10	5
KY_RS	10/05/2021	6	89,380.71	0.66565	0.000000	10	5
KY_RS	10/05/2021	7	101,744.49	0.75773	0.000000	10	5
KY_RS	10/05/2021	8	107,731.17	0.80231	0.000000	10	5
KY_RS	10/05/2021	9	105,381.99	0.78482	0.736168	10	5
KY_RS	10/05/2021	10	107,417.87	0.79998	2.180605	10	5
KY_RS	10/05/2021	11	115,648.36	0.86128	3.268545	10	5
KY_RS	10/05/2021	12	129,231.72	0.96244	3.971307	10	5
KY_RS	10/05/2021	13	142,999.61	1.06497	4.398051	10	5
KY_RS	10/05/2021	14	154,456.98	1.1503	4.492493	10	5
KY_RS	10/05/2021	15	165,668.27	1.23379	4.341232	10	5
KY_RS	10/05/2021	16	180,823.20	1.34666	3.867250	10	5
KY_RS	10/05/2021	17	197,629.86	1.47182	3.075465	10	5
KY_RS	10/05/2021	18	213,278.03	1.58836	1.919883	10	5
KY_RS	10/05/2021	19	209,840.71	1.56276	0.533944	10	5
KY_RS	10/05/2021	20	206,647.76	1.53898	0.000000	10	5
KY_RS	10/05/2021	21	204,035.63	1.51953	0.000000	10	5
KY_RS	10/05/2021	22	189,028.67	1.40777	0.000000	10	5
KY_RS	10/05/2021	23	168,095.45	1.25187	0.000000	10	5
KY_RS	10/05/2021	24	145,403.75	1.08288	0.000000	10	5
KY_RS	10/06/2021	1	126,629.27	0.94306	0.000000	10	6
KY_RS	10/06/2021	2	113,234.11	0.8433	0.000000	10	6
KY_RS	10/06/2021	3	104,732.41	0.77998	0.000000	10	6
KY_RS	10/06/2021	4	99,622.73	0.74193	0.000000	10	6
KY_RS	10/06/2021	5	98,026.72	0.73004	0.000000	10	6
KY_RS	10/06/2021	6	101,765.67	0.75789	0.000000	10	6
KY_RS	10/06/2021	7	114,497.63	0.85271	0.000000	10	6
KY_RS	10/06/2021	8	121,034.85	0.90139	0.000000	10	6
KY_RS	10/06/2021	9	117,951.05	0.87843	0.503107	10	6

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	10/06/2021	10	120,093.25	0.89438	2.209313	10	6
KY_RS	10/06/2021	11	123,260.07	0.91796	3.335183	10	6
KY_RS	10/06/2021	12	129,244.94	0.96254	4.047042	10	6
KY_RS	10/06/2021	13	137,095.19	1.021	4.454896	10	6
KY_RS	10/06/2021	14	140,637.84	1.04738	4.554747	10	6
KY_RS	10/06/2021	15	152,930.56	1.13893	4.318315	10	6
KY_RS	10/06/2021	16	173,396.22	1.29135	3.827455	10	6
KY_RS	10/06/2021	17	187,091.95	1.39334	3.036157	10	6
KY_RS	10/06/2021	18	195,689.27	1.45737	1.863216	10	6
KY_RS	10/06/2021	19	197,825.92	1.47328	0.485289	10	6
KY_RS	10/06/2021	20	199,243.34	1.48384	0.000000	10	6
KY_RS	10/06/2021	21	199,427.72	1.48521	0.000000	10	6
KY_RS	10/06/2021	22	187,871.32	1.39915	0.000000	10	6
KY_RS	10/06/2021	23	169,067.00	1.25911	0.000000	10	6
KY_RS	10/06/2021	24	145,205.12	1.0814	0.000000	10	6
KY_RS	10/07/2021	1	122,627.32	0.91325	0.000000	10	7
KY_RS	10/07/2021	2	108,994.77	0.81173	0.000000	10	7
KY_RS	10/07/2021	3	100,469.13	0.74823	0.000000	10	7
KY_RS	10/07/2021	4	94,904.55	0.70679	0.000000	10	7
KY_RS	10/07/2021	5	93,332.02	0.69508	0.000000	10	7
KY_RS	10/07/2021	6	96,750.89	0.72054	0.000000	10	7
KY_RS	10/07/2021	7	107,854.15	0.80323	0.000000	10	7
KY_RS	10/07/2021	8	114,059.35	0.84944	0.000000	10	7
KY_RS	10/07/2021	9	113,398.44	0.84452	0.675176	10	7
KY_RS	10/07/2021	10	114,876.79	0.85553	2.120222	10	7
KY_RS	10/07/2021	11	118,582.42	0.88313	3.255148	10	7
KY_RS	10/07/2021	12	124,454.57	0.92686	4.015047	10	7
KY_RS	10/07/2021	13	136,840.10	1.0191	4.427296	10	7
KY_RS	10/07/2021	14	154,427.65	1.15008	4.541173	10	7
KY_RS	10/07/2021	15	170,855.45	1.27242	4.370928	10	7
KY_RS	10/07/2021	16	186,650.62	1.39006	3.885097	10	7
KY_RS	10/07/2021	17	197,557.20	1.47128	3.090445	10	7
KY_RS	10/07/2021	18	201,553.28	1.50104	1.919956	10	7

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	10/07/2021	19	200,657.86	1.49437	0.509903	10	7
KY_RS	10/07/2021	20	198,250.22	1.47644	0.000000	10	7
KY_RS	10/07/2021	21	197,236.42	1.46889	0.000000	10	7
KY_RS	10/07/2021	22	186,133.16	1.3862	0.000000	10	7
KY_RS	10/07/2021	23	168,609.61	1.2557	0.000000	10	7
KY_RS	10/07/2021	24	147,512.83	1.09858	0.000000	10	7
KY_RS	10/08/2021	1	127,709.92	0.9511	0.000000	10	8
KY_RS	10/08/2021	2	112,279.37	0.83619	0.000000	10	8
KY_RS	10/08/2021	3	102,691.44	0.76478	0.000000	10	8
KY_RS	10/08/2021	4	97,035.21	0.72266	0.000000	10	8
KY_RS	10/08/2021	5	94,977.42	0.70733	0.000000	10	8
KY_RS	10/08/2021	6	96,915.84	0.72177	0.000000	10	8
KY_RS	10/08/2021	7	104,672.21	0.77953	0.000000	10	8
KY_RS	10/08/2021	8	111,967.60	0.83386	0.000000	10	8
KY_RS	10/08/2021	9	116,568.29	0.86813	0.706949	10	8
KY_RS	10/08/2021	10	123,409.85	0.91908	2.170844	10	8
KY_RS	10/08/2021	11	130,228.39	0.96986	3.300557	10	8
KY_RS	10/08/2021	12	141,070.02	1.0506	4.015818	10	8
KY_RS	10/08/2021	13	157,430.07	1.17244	4.383702	10	8
KY_RS	10/08/2021	14	171,327.06	1.27594	4.456034	10	8
KY_RS	10/08/2021	15	183,333.19	1.36535	4.220205	10	8
KY_RS	10/08/2021	16	192,059.95	1.43034	3.746705	10	8
KY_RS	10/08/2021	17	197,017.08	1.46726	2.959515	10	8
KY_RS	10/08/2021	18	204,085.63	1.5199	1.817516	10	8
KY_RS	10/08/2021	19	199,491.03	1.48568	0.451898	10	8
KY_RS	10/08/2021	20	187,425.80	1.39583	0.000000	10	8
KY_RS	10/08/2021	21	180,379.96	1.34336	0.000000	10	8
KY_RS	10/08/2021	22	169,027.07	1.25881	0.000000	10	8
KY_RS	10/08/2021	23	155,367.59	1.15708	0.000000	10	8
KY_RS	10/08/2021	24	138,615.34	1.03232	0.000000	10	8
KY_RS	10/09/2021	1	122,067.84	0.90909	0.000000	10	9
KY_RS	10/09/2021	2	107,792.49	0.80277	0.000000	10	9
KY_RS	10/09/2021	3	98,176.53	0.73116	0.000000	10	9

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	10/09/2021	4	91,498.11	0.68142	0.000000	10	9
KY_RS	10/09/2021	5	87,806.78	0.65393	0.000000	10	9
KY_RS	10/09/2021	6	87,313.20	0.65025	0.000000	10	9
KY_RS	10/09/2021	7	89,992.94	0.67021	0.000000	10	9
KY_RS	10/09/2021	8	96,741.77	0.72047	0.000000	10	9
KY_RS	10/09/2021	9	110,308.49	0.82151	0.644124	10	9
KY_RS	10/09/2021	10	127,334.58	0.94831	1.805985	10	9
KY_RS	10/09/2021	11	146,520.39	1.09119	2.293071	10	9
KY_RS	10/09/2021	12	164,042.33	1.22168	2.902019	10	9
KY_RS	10/09/2021	13	181,090.80	1.34865	2.903583	10	9
KY_RS	10/09/2021	14	195,174.41	1.45354	3.462100	10	9
KY_RS	10/09/2021	15	207,364.83	1.54432	3.256903	10	9
KY_RS	10/09/2021	16	217,365.44	1.6188	2.469241	10	9
KY_RS	10/09/2021	17	222,572.98	1.65758	2.199170	10	9
KY_RS	10/09/2021	18	223,451.51	1.66413	0.215532	10	9
KY_RS	10/09/2021	19	211,939.55	1.57839	0.151615	10	9
KY_RS	10/09/2021	20	202,172.67	1.50566	0.000000	10	9
KY_RS	10/09/2021	21	193,202.82	1.43885	0.000000	10	9
KY_RS	10/09/2021	22	181,847.56	1.35429	0.000000	10	9
KY_RS	10/09/2021	23	168,960.06	1.25831	0.000000	10	9
KY_RS	10/09/2021	24	152,455.28	1.13539	0.000000	10	9
KY_RS	10/10/2021	1	134,662.53	1.00288	0.000000	10	10
KY_RS	10/10/2021	2	119,722.68	0.89162	0.000000	10	10
KY_RS	10/10/2021	3	108,115.75	0.80518	0.000000	10	10
KY_RS	10/10/2021	4	100,154.52	0.74589	0.000000	10	10
KY_RS	10/10/2021	5	95,097.15	0.70822	0.000000	10	10
KY_RS	10/10/2021	6	93,475.11	0.69614	0.000000	10	10
KY_RS	10/10/2021	7	94,189.90	0.70147	0.000000	10	10
KY_RS	10/10/2021	8	100,488.81	0.74838	0.000000	10	10
KY_RS	10/10/2021	9	116,282.73	0.866	0.273745	10	10
KY_RS	10/10/2021	10	134,871.09	1.00444	1.471464	10	10
KY_RS	10/10/2021	11	150,974.93	1.12437	1.166056	10	10
KY_RS	10/10/2021	12	173,759.75	1.29405	3.059229	10	10

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	10/10/2021	13	196,733.65	1.46515	4.457194	10	10
KY_RS	10/10/2021	14	216,095.97	1.60935	4.571303	10	10
KY_RS	10/10/2021	15	232,308.00	1.73009	4.392904	10	10
KY_RS	10/10/2021	16	245,038.28	1.82489	3.929039	10	10
KY_RS	10/10/2021	17	255,563.20	1.90328	3.120860	10	10
KY_RS	10/10/2021	18	260,908.22	1.94308	1.920880	10	10
KY_RS	10/10/2021	19	251,817.18	1.87538	0.455255	10	10
KY_RS	10/10/2021	20	240,010.56	1.78745	0.000000	10	10
KY_RS	10/10/2021	21	229,752.71	1.71105	0.000000	10	10
KY_RS	10/10/2021	22	209,865.51	1.56295	0.000000	10	10
KY_RS	10/10/2021	23	185,498.17	1.38147	0.000000	10	10
KY_RS	10/10/2021	24	158,472.50	1.1802	0.000000	10	10
KY_RS	10/11/2021	1	135,770.81	1.01114	0.000000	10	11
KY_RS	10/11/2021	2	119,082.78	0.88685	0.000000	10	11
KY_RS	10/11/2021	3	107,646.46	0.80168	0.000000	10	11
KY_RS	10/11/2021	4	100,302.98	0.74699	0.000000	10	11
KY_RS	10/11/2021	5	96,819.12	0.72105	0.000000	10	11
KY_RS	10/11/2021	6	97,976.56	0.72967	0.000000	10	11
KY_RS	10/11/2021	7	104,785.82	0.78038	0.000000	10	11
KY_RS	10/11/2021	8	110,343.88	0.82177	0.000000	10	11
KY_RS	10/11/2021	9	115,645.46	0.86126	0.113218	10	11
KY_RS	10/11/2021	10	128,813.57	0.95932	1.641717	10	11
KY_RS	10/11/2021	11	145,585.75	1.08423	2.354314	10	11
KY_RS	10/11/2021	12	165,225.05	1.23049	2.965936	10	11
KY_RS	10/11/2021	13	185,982.33	1.38508	3.758201	10	11
KY_RS	10/11/2021	14	194,671.55	1.44979	3.687181	10	11
KY_RS	10/11/2021	15	204,119.25	1.52015	3.336328	10	11
KY_RS	10/11/2021	16	213,436.15	1.58954	1.910180	10	11
KY_RS	10/11/2021	17	231,840.51	1.7266	1.739990	10	11
KY_RS	10/11/2021	18	245,131.03	1.82558	0.576023	10	11
KY_RS	10/11/2021	19	237,347.87	1.76762	0.340980	10	11
KY_RS	10/11/2021	20	232,866.61	1.73425	0.000000	10	11
KY_RS	10/11/2021	21	226,985.86	1.69045	0.000000	10	11

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	10/11/2021	22	210,567.22	1.56817	0.000000	10	11
KY_RS	10/11/2021	23	188,006.76	1.40016	0.000000	10	11
KY_RS	10/11/2021	24	162,362.98	1.20918	0.000000	10	11
KY_RS	10/12/2021	1	140,683.27	1.04772	0.000000	10	12
KY_RS	10/12/2021	2	125,889.38	0.93755	0.000000	10	12
KY_RS	10/12/2021	3	116,440.80	0.86718	0.000000	10	12
KY_RS	10/12/2021	4	109,626.23	0.81643	0.000000	10	12
KY_RS	10/12/2021	5	107,424.69	0.80003	0.000000	10	12
KY_RS	10/12/2021	6	109,241.04	0.81356	0.000000	10	12
KY_RS	10/12/2021	7	119,650.22	0.89108	0.000000	10	12
KY_RS	10/12/2021	8	124,552.91	0.92759	0.000000	10	12
KY_RS	10/12/2021	9	122,455.33	0.91197	0.060777	10	12
KY_RS	10/12/2021	10	125,984.26	0.93825	0.105877	10	12
KY_RS	10/12/2021	11	135,065.43	1.00588	0.389301	10	12
KY_RS	10/12/2021	12	148,420.94	1.10535	0.660318	10	12
KY_RS	10/12/2021	13	161,740.35	1.20454	0.830350	10	12
KY_RS	10/12/2021	14	171,861.53	1.27992	0.714360	10	12
KY_RS	10/12/2021	15	179,894.28	1.33974	1.238963	10	12
KY_RS	10/12/2021	16	191,430.68	1.42566	0.779317	10	12
KY_RS	10/12/2021	17	202,934.45	1.51133	0.688129	10	12
KY_RS	10/12/2021	18	208,770.01	1.55479	0.321753	10	12
KY_RS	10/12/2021	19	204,155.73	1.52042	0.283689	10	12
KY_RS	10/12/2021	20	196,400.52	1.46267	0.000000	10	12
KY_RS	10/12/2021	21	188,405.17	1.40312	0.000000	10	12
KY_RS	10/12/2021	22	171,189.18	1.27491	0.000000	10	12
KY_RS	10/12/2021	23	148,051.01	1.10259	0.000000	10	12
KY_RS	10/12/2021	24	124,150.44	0.9246	0.000000	10	12
KY_RS	10/13/2021	1	105,374.88	0.78477	0.000000	10	13
KY_RS	10/13/2021	2	92,960.79	0.69231	0.000000	10	13
KY_RS	10/13/2021	3	85,570.41	0.63728	0.000000	10	13
KY_RS	10/13/2021	4	81,381.26	0.60608	0.000000	10	13
KY_RS	10/13/2021	5	80,518.13	0.59965	0.000000	10	13
KY_RS	10/13/2021	6	84,633.52	0.6303	0.000000	10	13

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	10/13/2021	7	96,611.63	0.7195	0.000000	10	13
KY_RS	10/13/2021	8	102,276.70	0.76169	0.000000	10	13
KY_RS	10/13/2021	9	100,690.14	0.74988	0.162513	10	13
KY_RS	10/13/2021	10	103,165.12	0.76831	0.297031	10	13
KY_RS	10/13/2021	11	109,616.34	0.81635	0.573265	10	13
KY_RS	10/13/2021	12	118,409.90	0.88184	0.198936	10	13
KY_RS	10/13/2021	13	129,122.07	0.96162	0.282163	10	13
KY_RS	10/13/2021	14	138,441.14	1.03102	0.815264	10	13
KY_RS	10/13/2021	15	146,777.98	1.09311	1.064006	10	13
KY_RS	10/13/2021	16	163,797.33	1.21986	1.431060	10	13
KY_RS	10/13/2021	17	171,907.32	1.28026	1.150932	10	13
KY_RS	10/13/2021	18	180,304.17	1.34279	0.749778	10	13
KY_RS	10/13/2021	19	186,474.77	1.38875	0.102834	10	13
KY_RS	10/13/2021	20	192,095.06	1.4306	0.000000	10	13
KY_RS	10/13/2021	21	189,121.88	1.40846	0.000000	10	13
KY_RS	10/13/2021	22	177,550.74	1.32229	0.000000	10	13
KY_RS	10/13/2021	23	158,682.79	1.18177	0.000000	10	13
KY_RS	10/13/2021	24	137,046.35	1.02064	0.000000	10	13
KY_RS	10/14/2021	1	119,485.44	0.88985	0.000000	10	14
KY_RS	10/14/2021	2	108,137.52	0.80534	0.000000	10	14
KY_RS	10/14/2021	3	100,937.78	0.75172	0.000000	10	14
KY_RS	10/14/2021	4	96,166.61	0.71619	0.000000	10	14
KY_RS	10/14/2021	5	94,617.07	0.70465	0.000000	10	14
KY_RS	10/14/2021	6	98,432.20	0.73306	0.000000	10	14
KY_RS	10/14/2021	7	110,821.01	0.82533	0.000000	10	14
KY_RS	10/14/2021	8	118,229.02	0.8805	0.000000	10	14
KY_RS	10/14/2021	9	117,901.19	0.87805	0.654438	10	14
KY_RS	10/14/2021	10	128,127.63	0.95421	2.210494	10	14
KY_RS	10/14/2021	11	139,947.42	1.04224	3.439243	10	14
KY_RS	10/14/2021	12	151,132.08	1.12554	4.202486	10	14
KY_RS	10/14/2021	13	167,797.16	1.24965	4.650198	10	14
KY_RS	10/14/2021	14	175,302.39	1.30554	3.844270	10	14
KY_RS	10/14/2021	15	181,435.72	1.35122	2.069357	10	14

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	10/14/2021	16	198,493.03	1.47825	1.759751	10	14
KY_RS	10/14/2021	17	218,330.47	1.62599	0.941487	10	14
KY_RS	10/14/2021	18	228,134.69	1.699	0.930289	10	14
KY_RS	10/14/2021	19	221,483.91	1.64947	0.324319	10	14
KY_RS	10/14/2021	20	218,296.51	1.62574	0.000000	10	14
KY_RS	10/14/2021	21	214,464.78	1.5972	0.000000	10	14
KY_RS	10/14/2021	22	201,179.72	1.49826	0.000000	10	14
KY_RS	10/14/2021	23	181,511.50	1.35178	0.000000	10	14
KY_RS	10/14/2021	24	158,584.33	1.18104	0.000000	10	14
KY_RS	10/15/2021	1	137,644.21	1.02509	0.000000	10	15
KY_RS	10/15/2021	2	122,350.28	0.91119	0.000000	10	15
KY_RS	10/15/2021	3	112,373.10	0.83688	0.000000	10	15
KY_RS	10/15/2021	4	106,503.49	0.79317	0.000000	10	15
KY_RS	10/15/2021	5	103,879.34	0.77363	0.000000	10	15
KY_RS	10/15/2021	6	106,352.38	0.79205	0.000000	10	15
KY_RS	10/15/2021	7	117,070.87	0.87187	0.000000	10	15
KY_RS	10/15/2021	8	124,228.20	0.92517	0.000000	10	15
KY_RS	10/15/2021	9	124,865.44	0.92992	0.673892	10	15
KY_RS	10/15/2021	10	131,679.00	0.98066	2.272175	10	15
KY_RS	10/15/2021	11	132,746.07	0.98861	3.522135	10	15
KY_RS	10/15/2021	12	134,519.61	1.00182	4.346768	10	15
KY_RS	10/15/2021	13	136,376.40	1.01565	4.796220	10	15
KY_RS	10/15/2021	14	135,979.62	1.01269	4.904083	10	15
KY_RS	10/15/2021	15	138,764.82	1.03343	4.650752	10	15
KY_RS	10/15/2021	16	144,617.62	1.07702	4.090106	10	15
KY_RS	10/15/2021	17	152,304.72	1.13427	3.186131	10	15
KY_RS	10/15/2021	18	159,811.50	1.19018	1.852103	10	15
KY_RS	10/15/2021	19	162,086.41	1.20712	0.316548	10	15
KY_RS	10/15/2021	20	161,571.23	1.20328	0.000000	10	15
KY_RS	10/15/2021	21	159,816.05	1.19021	0.000000	10	15
KY_RS	10/15/2021	22	154,753.43	1.15251	0.000000	10	15
KY_RS	10/15/2021	23	145,543.36	1.08392	0.000000	10	15
KY_RS	10/15/2021	24	132,308.58	0.98535	0.000000	10	15

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	10/16/2021	1	115,877.09	0.86298	0.000000	10	16
KY_RS	10/16/2021	2	102,064.45	0.76011	0.000000	10	16
KY_RS	10/16/2021	3	92,583.52	0.6895	0.000000	10	16
KY_RS	10/16/2021	4	85,348.77	0.63562	0.000000	10	16
KY_RS	10/16/2021	5	80,712.22	0.60109	0.000000	10	16
KY_RS	10/16/2021	6	79,482.31	0.59193	0.000000	10	16
KY_RS	10/16/2021	7	81,840.90	0.6095	0.000000	10	16
KY_RS	10/16/2021	8	88,587.38	0.65974	0.000000	10	16
KY_RS	10/16/2021	9	101,486.36	0.75581	0.087415	10	16
KY_RS	10/16/2021	10	113,162.38	0.84276	0.411931	10	16
KY_RS	10/16/2021	11	120,952.38	0.90078	1.182422	10	16
KY_RS	10/16/2021	12	125,529.65	0.93487	3.983296	10	16
KY_RS	10/16/2021	13	126,638.09	0.94312	4.387454	10	16
KY_RS	10/16/2021	14	125,961.09	0.93808	4.453510	10	16
KY_RS	10/16/2021	15	125,238.33	0.9327	4.220812	10	16
KY_RS	10/16/2021	16	124,708.77	0.92875	3.703530	10	16
KY_RS	10/16/2021	17	124,133.31	0.92447	2.812779	10	16
KY_RS	10/16/2021	18	125,692.72	0.93608	0.709818	10	16
KY_RS	10/16/2021	19	124,322.47	0.92588	0.062546	10	16
KY_RS	10/16/2021	20	126,606.00	0.94288	0.000000	10	16
KY_RS	10/16/2021	21	125,167.60	0.93217	0.000000	10	16
KY_RS	10/16/2021	22	119,265.06	0.88821	0.000000	10	16
KY_RS	10/16/2021	23	111,545.76	0.83072	0.000000	10	16
KY_RS	10/16/2021	24	101,625.42	0.75684	0.000000	10	16
KY_RS	10/17/2021	1	92,030.61	0.68539	0.000000	10	17
KY_RS	10/17/2021	2	84,994.43	0.63299	0.000000	10	17
KY_RS	10/17/2021	3	80,113.18	0.59663	0.000000	10	17
KY_RS	10/17/2021	4	77,785.95	0.5793	0.000000	10	17
KY_RS	10/17/2021	5	77,183.68	0.57482	0.000000	10	17
KY_RS	10/17/2021	6	79,078.23	0.58893	0.000000	10	17
KY_RS	10/17/2021	7	83,807.31	0.62414	0.000000	10	17
KY_RS	10/17/2021	8	94,246.82	0.70189	0.000000	10	17
KY_RS	10/17/2021	9	112,052.37	0.8345	0.666918	10	17

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	10/17/2021	10	123,249.56	0.91789	2.263198	10	17
KY_RS	10/17/2021	11	127,685.23	0.95092	3.457093	10	17
KY_RS	10/17/2021	12	128,213.41	0.95485	4.205719	10	17
KY_RS	10/17/2021	13	128,048.97	0.95363	4.637431	10	17
KY_RS	10/17/2021	14	126,271.21	0.94039	4.135033	10	17
KY_RS	10/17/2021	15	125,183.35	0.93229	3.442754	10	17
KY_RS	10/17/2021	16	125,311.75	0.93324	3.376606	10	17
KY_RS	10/17/2021	17	130,867.25	0.97462	2.775715	10	17
KY_RS	10/17/2021	18	137,742.38	1.02582	0.831687	10	17
KY_RS	10/17/2021	19	142,304.88	1.0598	0.075067	10	17
KY_RS	10/17/2021	20	150,640.47	1.12188	0.000000	10	17
KY_RS	10/17/2021	21	150,765.09	1.1228	0.000000	10	17
KY_RS	10/17/2021	22	137,265.81	1.02227	0.000000	10	17
KY_RS	10/17/2021	23	119,533.21	0.89021	0.000000	10	17
KY_RS	10/17/2021	24	102,463.23	0.76308	0.000000	10	17
KY_RS	10/18/2021	1	90,406.23	0.67329	0.000000	10	18
KY_RS	10/18/2021	2	83,431.82	0.62135	0.000000	10	18
KY_RS	10/18/2021	3	79,984.63	0.59568	0.000000	10	18
KY_RS	10/18/2021	4	79,033.00	0.58859	0.000000	10	18
KY_RS	10/18/2021	5	81,267.71	0.60523	0.000000	10	18
KY_RS	10/18/2021	6	89,498.10	0.66653	0.000000	10	18
KY_RS	10/18/2021	7	105,860.80	0.78839	0.000000	10	18
KY_RS	10/18/2021	8	114,524.06	0.8529	0.000000	10	18
KY_RS	10/18/2021	9	113,847.56	0.84787	0.319671	10	18
KY_RS	10/18/2021	10	111,093.44	0.82735	1.428824	10	18
KY_RS	10/18/2021	11	109,277.09	0.81383	1.018369	10	18
KY_RS	10/18/2021	12	107,755.71	0.8025	0.855372	10	18
KY_RS	10/18/2021	13	107,099.34	0.79761	1.422080	10	18
KY_RS	10/18/2021	14	105,606.95	0.78649	2.664127	10	18
KY_RS	10/18/2021	15	105,227.41	0.78367	3.772604	10	18
KY_RS	10/18/2021	16	110,297.49	0.82143	0.910564	10	18
KY_RS	10/18/2021	17	120,095.69	0.8944	1.277627	10	18
KY_RS	10/18/2021	18	133,341.52	0.99304	0.321029	10	18

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	10/18/2021	19	140,307.58	1.04492	0.000869	10	18
KY_RS	10/18/2021	20	147,664.67	1.09971	0.000000	10	18
KY_RS	10/18/2021	21	145,568.98	1.08411	0.000000	10	18
KY_RS	10/18/2021	22	133,214.62	0.9921	0.000000	10	18
KY_RS	10/18/2021	23	116,914.91	0.87071	0.000000	10	18
KY_RS	10/18/2021	24	100,039.56	0.74503	0.000000	10	18
KY_RS	10/19/2021	1	88,045.37	0.65571	0.000000	10	19
KY_RS	10/19/2021	2	81,308.45	0.60553	0.000000	10	19
KY_RS	10/19/2021	3	78,087.86	0.58155	0.000000	10	19
KY_RS	10/19/2021	4	77,386.68	0.57633	0.000000	10	19
KY_RS	10/19/2021	5	79,978.44	0.59563	0.000000	10	19
KY_RS	10/19/2021	6	87,918.49	0.65476	0.000000	10	19
KY_RS	10/19/2021	7	103,872.12	0.77357	0.000000	10	19
KY_RS	10/19/2021	8	111,763.47	0.83234	0.000000	10	19
KY_RS	10/19/2021	9	109,656.17	0.81665	0.000000	10	19
KY_RS	10/19/2021	10	106,317.46	0.79179	0.011949	10	19
KY_RS	10/19/2021	11	103,481.49	0.77067	0.011551	10	19
KY_RS	10/19/2021	12	102,446.65	0.76296	0.042170	10	19
KY_RS	10/19/2021	13	100,871.40	0.75123	0.222978	10	19
KY_RS	10/19/2021	14	102,427.67	0.76282	0.485143	10	19
KY_RS	10/19/2021	15	104,420.93	0.77766	0.410838	10	19
KY_RS	10/19/2021	16	110,512.50	0.82303	0.418923	10	19
KY_RS	10/19/2021	17	119,658.04	0.89114	0.151678	10	19
KY_RS	10/19/2021	18	130,898.89	0.97485	0.153491	10	19
KY_RS	10/19/2021	19	137,897.10	1.02697	0.000000	10	19
KY_RS	10/19/2021	20	145,840.32	1.08613	0.000000	10	19
KY_RS	10/19/2021	21	144,639.58	1.07719	0.000000	10	19
KY_RS	10/19/2021	22	133,214.78	0.9921	0.000000	10	19
KY_RS	10/19/2021	23	116,738.12	0.86939	0.000000	10	19
KY_RS	10/19/2021	24	99,548.34	0.74137	0.000000	10	19
KY_RS	10/20/2021	1	87,117.21	0.64879	0.000000	10	20
KY_RS	10/20/2021	2	80,307.81	0.59808	0.000000	10	20
KY_RS	10/20/2021	3	76,836.21	0.57223	0.000000	10	20

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	10/20/2021	4	75,940.95	0.56556	0.000000	10	20
KY_RS	10/20/2021	5	78,113.30	0.58174	0.000000	10	20
KY_RS	10/20/2021	6	85,968.95	0.64024	0.000000	10	20
KY_RS	10/20/2021	7	102,053.68	0.76003	0.000000	10	20
KY_RS	10/20/2021	8	109,727.53	0.81718	0.000000	10	20
KY_RS	10/20/2021	9	107,946.99	0.80392	0.045951	10	20
KY_RS	10/20/2021	10	104,539.94	0.77855	0.202484	10	20
KY_RS	10/20/2021	11	102,598.73	0.76409	0.353585	10	20
KY_RS	10/20/2021	12	101,392.17	0.75511	0.551899	10	20
KY_RS	10/20/2021	13	100,705.84	0.74999	0.904196	10	20
KY_RS	10/20/2021	14	101,995.41	0.7596	0.860192	10	20
KY_RS	10/20/2021	15	105,121.45	0.78288	0.916191	10	20
KY_RS	10/20/2021	16	111,841.39	0.83292	0.310019	10	20
KY_RS	10/20/2021	17	122,913.63	0.91538	0.561184	10	20
KY_RS	10/20/2021	18	134,704.43	1.00319	1.516655	10	20
KY_RS	10/20/2021	19	139,192.46	1.03662	0.107074	10	20
KY_RS	10/20/2021	20	146,360.95	1.09001	0.000000	10	20
KY_RS	10/20/2021	21	145,687.42	1.08499	0.000000	10	20
KY_RS	10/20/2021	22	134,993.12	1.00534	0.000000	10	20
KY_RS	10/20/2021	23	118,771.48	0.88454	0.000000	10	20
KY_RS	10/20/2021	24	101,411.40	0.75525	0.000000	10	20
KY_RS	10/21/2021	1	88,408.15	0.65841	0.000000	10	21
KY_RS	10/21/2021	2	80,331.16	0.59826	0.000000	10	21
KY_RS	10/21/2021	3	76,153.37	0.56714	0.000000	10	21
KY_RS	10/21/2021	4	74,452.55	0.55448	0.000000	10	21
KY_RS	10/21/2021	5	75,260.61	0.56049	0.000000	10	21
KY_RS	10/21/2021	6	81,881.75	0.6098	0.000000	10	21
KY_RS	10/21/2021	7	96,538.60	0.71896	0.000000	10	21
KY_RS	10/21/2021	8	102,860.48	0.76604	0.000000	10	21
KY_RS	10/21/2021	9	100,602.41	0.74922	0.504449	10	21
KY_RS	10/21/2021	10	100,730.53	0.75018	2.039250	10	21
KY_RS	10/21/2021	11	102,048.67	0.75999	3.267497	10	21
KY_RS	10/21/2021	12	103,420.96	0.77021	4.094302	10	21

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	10/21/2021	13	104,747.61	0.78009	4.540162	10	21
KY_RS	10/21/2021	14	105,777.34	0.78776	4.617839	10	21
KY_RS	10/21/2021	15	108,525.82	0.80823	4.422888	10	21
KY_RS	10/21/2021	16	114,002.44	0.84902	3.871358	10	21
KY_RS	10/21/2021	17	122,381.19	0.91142	2.963881	10	21
KY_RS	10/21/2021	18	131,026.96	0.97581	1.645576	10	21
KY_RS	10/21/2021	19	134,168.48	0.9992	0.143530	10	21
KY_RS	10/21/2021	20	141,751.80	1.05568	0.000000	10	21
KY_RS	10/21/2021	21	141,464.00	1.05354	0.000000	10	21
KY_RS	10/21/2021	22	131,586.57	0.97997	0.000000	10	21
KY_RS	10/21/2021	23	116,421.17	0.86703	0.000000	10	21
KY_RS	10/21/2021	24	100,478.56	0.7483	0.000000	10	21
KY_RS	10/22/2021	1	88,378.43	0.65819	0.000000	10	22
KY_RS	10/22/2021	2	81,442.86	0.60654	0.000000	10	22
KY_RS	10/22/2021	3	78,348.83	0.58349	0.000000	10	22
KY_RS	10/22/2021	4	77,508.32	0.57723	0.000000	10	22
KY_RS	10/22/2021	5	79,268.25	0.59034	0.000000	10	22
KY_RS	10/22/2021	6	86,156.78	0.64164	0.000000	10	22
KY_RS	10/22/2021	7	100,586.91	0.74911	0.000000	10	22
KY_RS	10/22/2021	8	107,792.44	0.80277	0.000000	10	22
KY_RS	10/22/2021	9	108,359.70	0.807	0.530534	10	22
KY_RS	10/22/2021	10	109,337.96	0.81428	2.117972	10	22
KY_RS	10/22/2021	11	110,641.85	0.82399	2.335103	10	22
KY_RS	10/22/2021	12	111,854.05	0.83302	4.132728	10	22
KY_RS	10/22/2021	13	113,403.27	0.84456	4.549551	10	22
KY_RS	10/22/2021	14	112,429.65	0.83731	4.661420	10	22
KY_RS	10/22/2021	15	112,521.66	0.83799	4.409137	10	22
KY_RS	10/22/2021	16	117,323.35	0.87375	3.861223	10	22
KY_RS	10/22/2021	17	125,434.85	0.93416	2.480899	10	22
KY_RS	10/22/2021	18	132,886.22	0.98965	1.593124	10	22
KY_RS	10/22/2021	19	136,825.81	1.01899	0.122540	10	22
KY_RS	10/22/2021	20	136,881.82	1.01941	0.000000	10	22
KY_RS	10/22/2021	21	133,122.34	0.99141	0.000000	10	22

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	10/22/2021	22	127,441.86	0.94911	0.000000	10	22
KY_RS	10/22/2021	23	118,747.61	0.88436	0.000000	10	22
KY_RS	10/22/2021	24	108,270.87	0.80633	0.000000	10	22
KY_RS	10/23/2021	1	97,656.89	0.72729	0.000000	10	23
KY_RS	10/23/2021	2	89,962.68	0.66999	0.000000	10	23
KY_RS	10/23/2021	3	85,163.18	0.63424	0.000000	10	23
KY_RS	10/23/2021	4	82,886.30	0.61729	0.000000	10	23
KY_RS	10/23/2021	5	82,543.01	0.61473	0.000000	10	23
KY_RS	10/23/2021	6	85,263.53	0.63499	0.000000	10	23
KY_RS	10/23/2021	7	90,901.84	0.67698	0.000000	10	23
KY_RS	10/23/2021	8	101,368.90	0.75493	0.000000	10	23
KY_RS	10/23/2021	9	116,232.89	0.86563	0.215437	10	23
KY_RS	10/23/2021	10	124,161.93	0.92468	1.561089	10	23
KY_RS	10/23/2021	11	126,029.47	0.93859	2.178597	10	23
KY_RS	10/23/2021	12	125,362.83	0.93362	2.983413	10	23
KY_RS	10/23/2021	13	123,343.77	0.91859	3.328623	10	23
KY_RS	10/23/2021	14	120,850.31	0.90002	3.377426	10	23
KY_RS	10/23/2021	15	118,982.49	0.88611	2.755590	10	23
KY_RS	10/23/2021	16	120,428.67	0.89688	1.756087	10	23
KY_RS	10/23/2021	17	121,767.36	0.90685	1.039231	10	23
KY_RS	10/23/2021	18	124,400.61	0.92646	0.965050	10	23
KY_RS	10/23/2021	19	126,482.81	0.94197	0.029695	10	23
KY_RS	10/23/2021	20	129,578.20	0.96502	0.000000	10	23
KY_RS	10/23/2021	21	126,871.11	0.94486	0.000000	10	23
KY_RS	10/23/2021	22	122,152.49	0.90972	0.000000	10	23
KY_RS	10/23/2021	23	114,301.46	0.85125	0.000000	10	23
KY_RS	10/23/2021	24	104,432.45	0.77775	0.000000	10	23
KY_RS	10/24/2021	1	94,582.03	0.70439	0.000000	10	24
KY_RS	10/24/2021	2	86,723.31	0.64586	0.000000	10	24
KY_RS	10/24/2021	3	81,798.67	0.60919	0.000000	10	24
KY_RS	10/24/2021	4	79,082.12	0.58895	0.000000	10	24
KY_RS	10/24/2021	5	78,171.38	0.58217	0.000000	10	24
KY_RS	10/24/2021	6	79,400.85	0.59133	0.000000	10	24

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	10/24/2021	7	83,258.26	0.62006	0.000000	10	24
KY_RS	10/24/2021	8	91,380.49	0.68054	0.000000	10	24
KY_RS	10/24/2021	9	106,000.12	0.78942	0.000000	10	24
KY_RS	10/24/2021	10	119,513.00	0.89006	1.615185	10	24
KY_RS	10/24/2021	11	130,444.91	0.97147	0.292781	10	24
KY_RS	10/24/2021	12	137,143.71	1.02136	3.871090	10	24
KY_RS	10/24/2021	13	141,560.51	1.05425	4.381853	10	24
KY_RS	10/24/2021	14	140,281.03	1.04473	4.560351	10	24
KY_RS	10/24/2021	15	140,035.45	1.0429	4.362279	10	24
KY_RS	10/24/2021	16	135,856.67	1.01178	3.818765	10	24
KY_RS	10/24/2021	17	139,224.17	1.03685	2.903411	10	24
KY_RS	10/24/2021	18	146,230.33	1.08903	1.575628	10	24
KY_RS	10/24/2021	19	151,453.55	1.12793	0.093286	10	24
KY_RS	10/24/2021	20	161,037.40	1.19931	0.000000	10	24
KY_RS	10/24/2021	21	157,495.02	1.17292	0.000000	10	24
KY_RS	10/24/2021	22	144,999.01	1.07986	0.000000	10	24
KY_RS	10/24/2021	23	127,449.45	0.94916	0.000000	10	24
KY_RS	10/24/2021	24	108,202.81	0.80583	0.000000	10	24
KY_RS	10/25/2021	1	93,186.52	0.694	0.000000	10	25
KY_RS	10/25/2021	2	83,801.31	0.6241	0.000000	10	25
KY_RS	10/25/2021	3	78,417.72	0.58401	0.000000	10	25
KY_RS	10/25/2021	4	75,920.98	0.56541	0.000000	10	25
KY_RS	10/25/2021	5	76,131.83	0.56698	0.000000	10	25
KY_RS	10/25/2021	6	82,032.52	0.61093	0.000000	10	25
KY_RS	10/25/2021	7	96,303.30	0.71721	0.000000	10	25
KY_RS	10/25/2021	8	103,599.07	0.77154	0.000000	10	25
KY_RS	10/25/2021	9	101,436.10	0.75543	0.457744	10	25
KY_RS	10/25/2021	10	102,415.89	0.76273	2.012083	10	25
KY_RS	10/25/2021	11	104,593.92	0.77895	3.248239	10	25
KY_RS	10/25/2021	12	107,009.45	0.79694	4.017655	10	25
KY_RS	10/25/2021	13	108,791.20	0.81021	4.435344	10	25
KY_RS	10/25/2021	14	109,150.34	0.81288	4.562297	10	25
KY_RS	10/25/2021	15	107,948.70	0.80393	4.325532	10	25

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	10/25/2021	16	111,973.37	0.83391	3.796904	10	25
KY_RS	10/25/2021	17	124,248.86	0.92533	2.898336	10	25
KY_RS	10/25/2021	18	138,200.40	1.02923	0.987117	10	25
KY_RS	10/25/2021	19	147,282.86	1.09687	0.026102	10	25
KY_RS	10/25/2021	20	152,096.95	1.13272	0.000000	10	25
KY_RS	10/25/2021	21	147,824.91	1.10091	0.000000	10	25
KY_RS	10/25/2021	22	136,368.33	1.01559	0.000000	10	25
KY_RS	10/25/2021	23	120,571.90	0.89794	0.000000	10	25
KY_RS	10/25/2021	24	104,878.53	0.78107	0.000000	10	25
KY_RS	10/26/2021	1	92,892.23	0.6918	0.000000	10	26
KY_RS	10/26/2021	2	86,289.51	0.64263	0.000000	10	26
KY_RS	10/26/2021	3	83,162.03	0.61934	0.000000	10	26
KY_RS	10/26/2021	4	82,504.34	0.61444	0.000000	10	26
KY_RS	10/26/2021	5	84,966.34	0.63278	0.000000	10	26
KY_RS	10/26/2021	6	93,721.73	0.69798	0.000000	10	26
KY_RS	10/26/2021	7	110,676.10	0.82425	0.000000	10	26
KY_RS	10/26/2021	8	118,060.45	0.87924	0.000000	10	26
KY_RS	10/26/2021	9	116,844.85	0.87019	0.079550	10	26
KY_RS	10/26/2021	10	116,243.49	0.86571	0.508460	10	26
KY_RS	10/26/2021	11	114,111.01	0.84983	1.088363	10	26
KY_RS	10/26/2021	12	111,106.21	0.82745	2.091340	10	26
KY_RS	10/26/2021	13	109,503.70	0.81552	2.029842	10	26
KY_RS	10/26/2021	14	106,466.32	0.79289	3.144984	10	26
KY_RS	10/26/2021	15	104,544.05	0.77858	2.925878	10	26
KY_RS	10/26/2021	16	107,758.21	0.80252	1.753003	10	26
KY_RS	10/26/2021	17	116,324.83	0.86631	1.664857	10	26
KY_RS	10/26/2021	18	128,681.84	0.95834	0.430007	10	26
KY_RS	10/26/2021	19	138,641.84	1.03252	0.000000	10	26
KY_RS	10/26/2021	20	150,645.13	1.12191	0.000000	10	26
KY_RS	10/26/2021	21	151,454.03	1.12794	0.000000	10	26
KY_RS	10/26/2021	22	143,084.62	1.0656	0.000000	10	26
KY_RS	10/26/2021	23	129,097.01	0.96143	0.000000	10	26
KY_RS	10/26/2021	24	115,004.78	0.85648	0.000000	10	26

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	10/27/2021	1	105,072.08	0.78251	0.000000	10	27
KY_RS	10/27/2021	2	100,387.42	0.74762	0.000000	10	27
KY_RS	10/27/2021	3	98,899.06	0.73654	0.000000	10	27
KY_RS	10/27/2021	4	99,667.71	0.74226	0.000000	10	27
KY_RS	10/27/2021	5	103,735.72	0.77256	0.000000	10	27
KY_RS	10/27/2021	6	114,767.13	0.85471	0.000000	10	27
KY_RS	10/27/2021	7	134,342.67	1.0005	0.000000	10	27
KY_RS	10/27/2021	8	144,511.78	1.07623	0.000000	10	27
KY_RS	10/27/2021	9	142,740.33	1.06304	0.000000	10	27
KY_RS	10/27/2021	10	135,866.24	1.01185	0.098945	10	27
KY_RS	10/27/2021	11	127,071.40	0.94635	0.114581	10	27
KY_RS	10/27/2021	12	119,914.46	0.89305	0.135395	10	27
KY_RS	10/27/2021	13	115,623.36	0.86109	0.372375	10	27
KY_RS	10/27/2021	14	110,761.56	0.82488	0.436864	10	27
KY_RS	10/27/2021	15	107,267.87	0.79886	1.114941	10	27
KY_RS	10/27/2021	16	109,351.91	0.81438	1.193903	10	27
KY_RS	10/27/2021	17	117,060.14	0.87179	0.701700	10	27
KY_RS	10/27/2021	18	129,335.00	0.96321	0.499646	10	27
KY_RS	10/27/2021	19	140,899.78	1.04933	0.000000	10	27
KY_RS	10/27/2021	20	152,185.92	1.13339	0.000000	10	27
KY_RS	10/27/2021	21	152,808.85	1.13802	0.000000	10	27
KY_RS	10/27/2021	22	144,769.58	1.07815	0.000000	10	27
KY_RS	10/27/2021	23	130,134.31	0.96916	0.000000	10	27
KY_RS	10/27/2021	24	113,934.31	0.84851	0.000000	10	27
KY_RS	10/28/2021	1	102,422.29	0.76278	0.000000	10	28
KY_RS	10/28/2021	2	95,918.55	0.71434	0.000000	10	28
KY_RS	10/28/2021	3	92,530.44	0.68911	0.000000	10	28
KY_RS	10/28/2021	4	92,443.64	0.68846	0.000000	10	28
KY_RS	10/28/2021	5	95,257.94	0.70942	0.000000	10	28
KY_RS	10/28/2021	6	103,978.38	0.77437	0.000000	10	28
KY_RS	10/28/2021	7	119,854.42	0.8926	0.000000	10	28
KY_RS	10/28/2021	8	126,829.21	0.94454	0.000000	10	28
KY_RS	10/28/2021	9	124,590.42	0.92787	0.048545	10	28

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	10/28/2021	10	121,468.42	0.90462	0.351860	10	28
KY_RS	10/28/2021	11	118,832.17	0.88499	0.571865	10	28
KY_RS	10/28/2021	12	120,950.48	0.90076	0.636883	10	28
KY_RS	10/28/2021	13	121,484.72	0.90474	1.032371	10	28
KY_RS	10/28/2021	14	120,665.81	0.89864	2.114810	10	28
KY_RS	10/28/2021	15	121,398.18	0.9041	3.218493	10	28
KY_RS	10/28/2021	16	126,901.98	0.94509	1.867180	10	28
KY_RS	10/28/2021	17	136,052.11	1.01323	0.770726	10	28
KY_RS	10/28/2021	18	148,027.47	1.10242	0.205209	10	28
KY_RS	10/28/2021	19	154,223.86	1.14856	0.055368	10	28
KY_RS	10/28/2021	20	156,337.43	1.1643	0.000000	10	28
KY_RS	10/28/2021	21	152,962.51	1.13917	0.000000	10	28
KY_RS	10/28/2021	22	141,725.89	1.05549	0.000000	10	28
KY_RS	10/28/2021	23	126,668.50	0.94335	0.000000	10	28
KY_RS	10/28/2021	24	110,516.35	0.82306	0.000000	10	28
KY_RS	10/29/2021	1	98,050.85	0.73022	0.000000	10	29
KY_RS	10/29/2021	2	90,179.27	0.6716	0.000000	10	29
KY_RS	10/29/2021	3	85,677.75	0.63807	0.000000	10	29
KY_RS	10/29/2021	4	83,924.83	0.62502	0.000000	10	29
KY_RS	10/29/2021	5	85,244.68	0.63485	0.000000	10	29
KY_RS	10/29/2021	6	92,427.34	0.68834	0.000000	10	29
KY_RS	10/29/2021	7	106,912.80	0.79622	0.000000	10	29
KY_RS	10/29/2021	8	113,149.63	0.84267	0.000000	10	29
KY_RS	10/29/2021	9	112,679.11	0.83916	0.285074	10	29
KY_RS	10/29/2021	10	113,121.37	0.84246	1.883658	10	29
KY_RS	10/29/2021	11	114,550.80	0.8531	3.191319	10	29
KY_RS	10/29/2021	12	114,952.72	0.8561	2.992828	10	29
KY_RS	10/29/2021	13	116,234.04	0.86564	1.928845	10	29
KY_RS	10/29/2021	14	115,184.89	0.85783	4.569593	10	29
KY_RS	10/29/2021	15	114,092.42	0.84969	3.623933	10	29
KY_RS	10/29/2021	16	118,021.08	0.87895	3.762299	10	29
KY_RS	10/29/2021	17	126,137.93	0.9394	2.829151	10	29
KY_RS	10/29/2021	18	134,680.01	1.00301	1.418438	10	29

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	10/29/2021	19	138,118.40	1.02862	0.034741	10	29
KY_RS	10/29/2021	20	138,252.99	1.02962	0.000000	10	29
KY_RS	10/29/2021	21	134,020.58	0.9981	0.000000	10	29
KY_RS	10/29/2021	22	127,128.40	0.94677	0.000000	10	29
KY_RS	10/29/2021	23	118,792.82	0.88469	0.000000	10	29
KY_RS	10/29/2021	24	108,131.73	0.8053	0.000000	10	29
KY_RS	10/30/2021	1	97,708.61	0.72767	0.000000	10	30
KY_RS	10/30/2021	2	90,111.93	0.6711	0.000000	10	30
KY_RS	10/30/2021	3	85,041.06	0.63333	0.000000	10	30
KY_RS	10/30/2021	4	82,428.74	0.61388	0.000000	10	30
KY_RS	10/30/2021	5	81,933.73	0.61019	0.000000	10	30
KY_RS	10/30/2021	6	84,185.50	0.62696	0.000000	10	30
KY_RS	10/30/2021	7	89,128.19	0.66377	0.000000	10	30
KY_RS	10/30/2021	8	98,266.18	0.73183	0.000000	10	30
KY_RS	10/30/2021	9	112,611.40	0.83866	0.085222	10	30
KY_RS	10/30/2021	10	124,891.38	0.93011	0.982188	10	30
KY_RS	10/30/2021	11	133,214.89	0.9921	2.568889	10	30
KY_RS	10/30/2021	12	137,100.87	1.02104	3.809173	10	30
KY_RS	10/30/2021	13	138,158.06	1.02892	4.285608	10	30
KY_RS	10/30/2021	14	138,049.45	1.02811	4.446111	10	30
KY_RS	10/30/2021	15	136,512.42	1.01666	4.258966	10	30
KY_RS	10/30/2021	16	136,926.78	1.01975	3.676773	10	30
KY_RS	10/30/2021	17	140,373.70	1.04542	2.732513	10	30
KY_RS	10/30/2021	18	143,936.06	1.07195	1.341636	10	30
KY_RS	10/30/2021	19	144,593.51	1.07684	0.000000	10	30
KY_RS	10/30/2021	20	142,726.00	1.06293	0.000000	10	30
KY_RS	10/30/2021	21	138,130.67	1.02871	0.000000	10	30
KY_RS	10/30/2021	22	132,235.99	0.98481	0.000000	10	30
KY_RS	10/30/2021	23	123,238.08	0.9178	0.000000	10	30
KY_RS	10/30/2021	24	113,390.96	0.84447	0.000000	10	30
KY_RS	10/31/2021	1	103,074.12	0.76763	0.000000	10	31
KY_RS	10/31/2021	2	95,744.29	0.71304	0.000000	10	31
KY_RS	10/31/2021	3	91,090.65	0.67839	0.000000	10	31

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	10/31/2021	4	88,396.69	0.65832	0.000000	10	31
KY_RS	10/31/2021	5	87,638.25	0.65268	0.000000	10	31
KY_RS	10/31/2021	6	89,752.78	0.66842	0.000000	10	31
KY_RS	10/31/2021	7	93,928.14	0.69952	0.000000	10	31
KY_RS	10/31/2021	8	102,501.45	0.76337	0.000000	10	31
KY_RS	10/31/2021	9	117,525.90	0.87526	0.009083	10	31
KY_RS	10/31/2021	10	130,103.91	0.96893	0.325108	10	31
KY_RS	10/31/2021	11	136,696.01	1.01803	2.787020	10	31
KY_RS	10/31/2021	12	138,796.62	1.03367	3.908502	10	31
KY_RS	10/31/2021	13	140,627.67	1.04731	4.431781	10	31
KY_RS	10/31/2021	14	139,352.30	1.03781	4.554198	10	31
KY_RS	10/31/2021	15	138,111.62	1.02857	2.791257	10	31
KY_RS	10/31/2021	16	139,009.55	1.03526	0.192743	10	31
KY_RS	10/31/2021	17	140,288.04	1.04478	0.476442	10	31
KY_RS	10/31/2021	18	138,027.36	1.02794	0.686568	10	31
KY_RS	10/31/2021	19	126,507.40	0.94215	0.000000	10	31
KY_RS	10/31/2021	20	128,657.00	0.95816	0.000000	10	31
KY_RS	10/31/2021	21	139,652.15	1.04004	0.000000	10	31
KY_RS	10/31/2021	22	137,562.13	1.02448	0.000000	10	31
KY_RS	10/31/2021	23	124,362.37	0.92617	0.000000	10	31
KY_RS	10/31/2021	24	108,810.61	0.81035	0.000000	10	31
KY_RS	11/01/2021	1	97,808.84	0.72842	0.000000	11	1
KY_RS	11/01/2021	2	91,592.97	0.68213	0.000000	11	1
KY_RS	11/01/2021	3	90,173.92	0.67156	0.000000	11	1
KY_RS	11/01/2021	4	91,595.77	0.68215	0.000000	11	1
KY_RS	11/01/2021	5	96,248.09	0.7168	0.000000	11	1
KY_RS	11/01/2021	6	106,311.75	0.79174	0.000000	11	1
KY_RS	11/01/2021	7	122,882.43	0.91515	0.000000	11	1
KY_RS	11/01/2021	8	134,102.31	0.99871	0.000000	11	1
KY_RS	11/01/2021	9	138,016.13	1.02786	0.000000	11	1
KY_RS	11/01/2021	10	134,889.31	1.00457	0.031418	11	1
KY_RS	11/01/2021	11	130,460.76	0.97159	0.508197	11	1
KY_RS	11/01/2021	12	126,151.33	0.9395	1.984632	11	1

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	11/01/2021	13	122,708.24	0.91385	2.703830	11	1
KY_RS	11/01/2021	14	118,272.05	0.88082	1.796255	11	1
KY_RS	11/01/2021	15	115,213.16	0.85804	1.834570	11	1
KY_RS	11/01/2021	16	116,725.97	0.8693	2.565159	11	1
KY_RS	11/01/2021	17	124,429.99	0.92668	1.926357	11	1
KY_RS	11/01/2021	18	143,330.92	1.06744	0.774452	11	1
KY_RS	11/01/2021	19	157,351.63	1.17186	0.000000	11	1
KY_RS	11/01/2021	20	163,993.23	1.22132	0.000000	11	1
KY_RS	11/01/2021	21	159,987.16	1.19148	0.000000	11	1
KY_RS	11/01/2021	22	148,832.65	1.10841	0.000000	11	1
KY_RS	11/01/2021	23	134,012.41	0.99804	0.000000	11	1
KY_RS	11/01/2021	24	118,640.09	0.88356	0.000000	11	1
KY_RS	11/02/2021	1	107,736.76	0.80236	0.000000	11	2
KY_RS	11/02/2021	2	102,073.46	0.76018	0.000000	11	2
KY_RS	11/02/2021	3	100,044.02	0.74507	0.000000	11	2
KY_RS	11/02/2021	4	100,098.75	0.74547	0.000000	11	2
KY_RS	11/02/2021	5	104,245.83	0.77636	0.000000	11	2
KY_RS	11/02/2021	6	114,528.62	0.85294	0.000000	11	2
KY_RS	11/02/2021	7	131,869.93	0.98208	0.000000	11	2
KY_RS	11/02/2021	8	140,709.28	1.04791	0.000000	11	2
KY_RS	11/02/2021	9	142,096.10	1.05824	0.155042	11	2
KY_RS	11/02/2021	10	140,903.75	1.04936	1.593670	11	2
KY_RS	11/02/2021	11	139,157.12	1.03636	2.839049	11	2
KY_RS	11/02/2021	12	136,537.99	1.01685	3.625302	11	2
KY_RS	11/02/2021	13	129,333.03	0.96319	4.069289	11	2
KY_RS	11/02/2021	14	124,479.87	0.92705	3.098288	11	2
KY_RS	11/02/2021	15	122,859.74	0.91498	3.926614	11	2
KY_RS	11/02/2021	16	126,088.29	0.93903	3.374774	11	2
KY_RS	11/02/2021	17	134,789.09	1.00383	2.472488	11	2
KY_RS	11/02/2021	18	149,868.18	1.11612	1.169087	11	2
KY_RS	11/02/2021	19	165,803.77	1.2348	0.000000	11	2
KY_RS	11/02/2021	20	179,451.93	1.33645	0.000000	11	2
KY_RS	11/02/2021	21	181,100.79	1.34873	0.000000	11	2

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	11/02/2021	22	173,909.24	1.29517	0.000000	11	2
KY_RS	11/02/2021	23	160,134.02	1.19258	0.000000	11	2
KY_RS	11/02/2021	24	147,030.57	1.09499	0.000000	11	2
KY_RS	11/03/2021	1	138,980.37	1.03504	0.000000	11	3
KY_RS	11/03/2021	2	135,332.29	1.00787	0.000000	11	3
KY_RS	11/03/2021	3	135,943.99	1.01243	0.000000	11	3
KY_RS	11/03/2021	4	138,296.23	1.02994	0.000000	11	3
KY_RS	11/03/2021	5	144,956.70	1.07955	0.000000	11	3
KY_RS	11/03/2021	6	157,372.81	1.17201	0.000000	11	3
KY_RS	11/03/2021	7	177,543.65	1.32223	0.000000	11	3
KY_RS	11/03/2021	8	187,674.47	1.39768	0.000000	11	3
KY_RS	11/03/2021	9	186,923.07	1.39209	0.170144	11	3
KY_RS	11/03/2021	10	179,122.02	1.33399	1.675096	11	3
KY_RS	11/03/2021	11	163,213.47	1.21551	2.906793	11	3
KY_RS	11/03/2021	12	148,884.50	1.1088	3.670386	11	3
KY_RS	11/03/2021	13	138,987.18	1.03509	4.107557	11	3
KY_RS	11/03/2021	14	131,360.23	0.97829	4.216411	11	3
KY_RS	11/03/2021	15	125,577.34	0.93522	4.036333	11	3
KY_RS	11/03/2021	16	126,422.69	0.94152	3.479329	11	3
KY_RS	11/03/2021	17	134,175.91	0.99926	2.603797	11	3
KY_RS	11/03/2021	18	148,557.33	1.10636	1.284519	11	3
KY_RS	11/03/2021	19	164,044.61	1.2217	0.000000	11	3
KY_RS	11/03/2021	20	177,467.45	1.32167	0.000000	11	3
KY_RS	11/03/2021	21	180,060.50	1.34098	0.000000	11	3
KY_RS	11/03/2021	22	174,883.28	1.30242	0.000000	11	3
KY_RS	11/03/2021	23	161,995.59	1.20644	0.000000	11	3
KY_RS	11/03/2021	24	149,514.90	1.11349	0.000000	11	3
KY_RS	11/04/2021	1	142,103.24	1.0583	0.000000	11	4
KY_RS	11/04/2021	2	139,692.46	1.04034	0.000000	11	4
KY_RS	11/04/2021	3	140,253.24	1.04452	0.000000	11	4
KY_RS	11/04/2021	4	143,270.99	1.06699	0.000000	11	4
KY_RS	11/04/2021	5	149,067.06	1.11016	0.000000	11	4
KY_RS	11/04/2021	6	160,405.34	1.1946	0.000000	11	4

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	11/04/2021	7	179,668.18	1.33806	0.000000	11	4
KY_RS	11/04/2021	8	187,781.32	1.39848	0.000000	11	4
KY_RS	11/04/2021	9	185,091.31	1.37844	0.192555	11	4
KY_RS	11/04/2021	10	175,450.90	1.30665	1.768578	11	4
KY_RS	11/04/2021	11	157,818.93	1.17534	3.002102	11	4
KY_RS	11/04/2021	12	144,338.13	1.07494	3.790242	11	4
KY_RS	11/04/2021	13	136,403.69	1.01585	4.197283	11	4
KY_RS	11/04/2021	14	130,134.00	0.96916	4.281290	11	4
KY_RS	11/04/2021	15	125,828.76	0.93709	4.036924	11	4
KY_RS	11/04/2021	16	126,025.46	0.93856	3.469714	11	4
KY_RS	11/04/2021	17	133,284.41	0.99262	2.555827	11	4
KY_RS	11/04/2021	18	147,431.58	1.09798	1.229393	11	4
KY_RS	11/04/2021	19	161,953.06	1.20613	0.000000	11	4
KY_RS	11/04/2021	20	175,499.09	1.30701	0.000000	11	4
KY_RS	11/04/2021	21	178,206.10	1.32717	0.000000	11	4
KY_RS	11/04/2021	22	173,613.60	1.29297	0.000000	11	4
KY_RS	11/04/2021	23	161,987.08	1.20638	0.000000	11	4
KY_RS	11/04/2021	24	149,595.57	1.11409	0.000000	11	4
KY_RS	11/05/2021	1	141,818.56	1.05618	0.000000	11	5
KY_RS	11/05/2021	2	138,730.44	1.03318	0.000000	11	5
KY_RS	11/05/2021	3	139,321.86	1.03758	0.000000	11	5
KY_RS	11/05/2021	4	141,706.53	1.05534	0.000000	11	5
KY_RS	11/05/2021	5	148,286.09	1.10434	0.000000	11	5
KY_RS	11/05/2021	6	160,169.35	1.19284	0.000000	11	5
KY_RS	11/05/2021	7	180,023.40	1.3407	0.000000	11	5
KY_RS	11/05/2021	8	188,854.32	1.40647	0.000000	11	5
KY_RS	11/05/2021	9	188,194.59	1.40156	0.006767	11	5
KY_RS	11/05/2021	10	178,005.36	1.32567	0.669724	11	5
KY_RS	11/05/2021	11	161,647.54	1.20385	2.149341	11	5
KY_RS	11/05/2021	12	148,426.27	1.10539	2.242190	11	5
KY_RS	11/05/2021	13	139,256.89	1.0371	1.637046	11	5
KY_RS	11/05/2021	14	130,623.31	0.9728	1.011914	11	5
KY_RS	11/05/2021	15	125,050.68	0.9313	2.397597	11	5

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	11/05/2021	16	124,841.56	0.92974	1.325590	11	5
KY_RS	11/05/2021	17	130,515.16	0.972	0.564258	11	5
KY_RS	11/05/2021	18	138,979.03	1.03503	0.274853	11	5
KY_RS	11/05/2021	19	149,967.35	1.11686	0.000000	11	5
KY_RS	11/05/2021	20	158,527.70	1.18062	0.000000	11	5
KY_RS	11/05/2021	21	160,206.53	1.19312	0.000000	11	5
KY_RS	11/05/2021	22	159,462.59	1.18758	0.000000	11	5
KY_RS	11/05/2021	23	154,935.43	1.15386	0.000000	11	5
KY_RS	11/05/2021	24	147,720.15	1.10013	0.000000	11	5
KY_RS	11/06/2021	1	140,746.74	1.04819	0.000000	11	6
KY_RS	11/06/2021	2	137,266.78	1.02228	0.000000	11	6
KY_RS	11/06/2021	3	136,852.27	1.01919	0.000000	11	6
KY_RS	11/06/2021	4	138,860.54	1.03415	0.000000	11	6
KY_RS	11/06/2021	5	143,594.57	1.0694	0.000000	11	6
KY_RS	11/06/2021	6	150,274.68	1.11915	0.000000	11	6
KY_RS	11/06/2021	7	159,982.74	1.19145	0.000000	11	6
KY_RS	11/06/2021	8	173,491.61	1.29206	0.000000	11	6
KY_RS	11/06/2021	9	189,045.42	1.40789	0.000000	11	6
KY_RS	11/06/2021	10	189,437.52	1.41081	0.000000	11	6
KY_RS	11/06/2021	11	177,677.35	1.32323	0.242833	11	6
KY_RS	11/06/2021	12	164,675.65	1.2264	0.135076	11	6
KY_RS	11/06/2021	13	152,682.88	1.13709	0.210978	11	6
KY_RS	11/06/2021	14	143,204.61	1.0665	0.348857	11	6
KY_RS	11/06/2021	15	136,314.12	1.01518	0.349729	11	6
KY_RS	11/06/2021	16	133,105.06	0.99128	0.268226	11	6
KY_RS	11/06/2021	17	133,411.66	0.99357	0.260170	11	6
KY_RS	11/06/2021	18	137,646.61	1.02511	0.129635	11	6
KY_RS	11/06/2021	19	144,935.20	1.07939	0.000000	11	6
KY_RS	11/06/2021	20	151,824.25	1.13069	0.000000	11	6
KY_RS	11/06/2021	21	152,727.41	1.13742	0.000000	11	6
KY_RS	11/06/2021	22	150,963.56	1.12428	0.000000	11	6
KY_RS	11/06/2021	23	146,116.21	1.08818	0.000000	11	6
KY_RS	11/06/2021	24	139,894.19	1.04184	0.000000	11	6

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	11/07/2021	1	133,789.13	0.99638	0.000000	11	7
KY_RS	11/07/2021	2	129,510.43	0.96451	0.000000	11	7
KY_RS	11/07/2021	3	130,266.82	0.97015	0.000000	11	7
KY_RS	11/07/2021	4	132,990.70	0.99043	0.000000	11	7
KY_RS	11/07/2021	5	137,474.35	1.02382	0.000000	11	7
KY_RS	11/07/2021	6	144,755.13	1.07805	0.000000	11	7
KY_RS	11/07/2021	7	155,803.00	1.16032	0.000000	11	7
KY_RS	11/07/2021	8	173,867.38	1.29486	0.163204	11	7
KY_RS	11/07/2021	9	181,616.94	1.35257	1.814645	11	7
KY_RS	11/07/2021	10	173,503.25	1.29214	2.594484	11	7
KY_RS	11/07/2021	11	162,679.89	1.21154	4.022548	11	7
KY_RS	11/07/2021	12	153,138.08	1.14048	3.827656	11	7
KY_RS	11/07/2021	13	146,155.41	1.08847	3.733201	11	7
KY_RS	11/07/2021	14	139,319.52	1.03756	2.996132	11	7
KY_RS	11/07/2021	15	135,638.15	1.01015	1.090333	11	7
KY_RS	11/07/2021	16	134,906.98	1.0047	0.969749	11	7
KY_RS	11/07/2021	17	142,370.80	1.06029	0.375095	11	7
KY_RS	11/07/2021	18	157,052.82	1.16963	0.000000	11	7
KY_RS	11/07/2021	19	167,709.02	1.24899	0.000000	11	7
KY_RS	11/07/2021	20	166,961.10	1.24342	0.000000	11	7
KY_RS	11/07/2021	21	161,122.73	1.19994	0.000000	11	7
KY_RS	11/07/2021	22	149,067.36	1.11016	0.000000	11	7
KY_RS	11/07/2021	23	134,932.18	1.00489	0.000000	11	7
KY_RS	11/07/2021	24	121,624.35	0.90578	0.000000	11	7
KY_RS	11/08/2021	1	114,327.53	0.85144	0.000000	11	8
KY_RS	11/08/2021	2	111,375.11	0.82945	0.000000	11	8
KY_RS	11/08/2021	3	111,477.24	0.83021	0.000000	11	8
KY_RS	11/08/2021	4	114,225.71	0.85068	0.000000	11	8
KY_RS	11/08/2021	5	119,935.48	0.8932	0.000000	11	8
KY_RS	11/08/2021	6	133,088.06	0.99116	0.000000	11	8
KY_RS	11/08/2021	7	153,427.67	1.14263	0.000000	11	8
KY_RS	11/08/2021	8	160,764.68	1.19728	0.109135	11	8
KY_RS	11/08/2021	9	148,845.50	1.10851	1.725865	11	8

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	11/08/2021	10	136,729.58	1.01828	3.104269	11	8
KY_RS	11/08/2021	11	126,899.62	0.94507	2.629668	11	8
KY_RS	11/08/2021	12	119,327.73	0.88868	3.170388	11	8
KY_RS	11/08/2021	13	114,684.71	0.8541	4.530761	11	8
KY_RS	11/08/2021	14	109,492.79	0.81543	4.297454	11	8
KY_RS	11/08/2021	15	106,794.02	0.79534	3.697726	11	8
KY_RS	11/08/2021	16	110,436.04	0.82246	2.687855	11	8
KY_RS	11/08/2021	17	120,212.07	0.89526	0.259452	11	8
KY_RS	11/08/2021	18	140,194.68	1.04408	0.000000	11	8
KY_RS	11/08/2021	19	155,325.52	1.15677	0.000000	11	8
KY_RS	11/08/2021	20	153,793.07	1.14535	0.000000	11	8
KY_RS	11/08/2021	21	148,008.50	1.10227	0.000000	11	8
KY_RS	11/08/2021	22	136,057.36	1.01327	0.000000	11	8
KY_RS	11/08/2021	23	120,314.96	0.89603	0.000000	11	8
KY_RS	11/08/2021	24	106,384.39	0.79228	0.000000	11	8
KY_RS	11/09/2021	1	97,534.20	0.72637	0.000000	11	9
KY_RS	11/09/2021	2	93,368.52	0.69535	0.000000	11	9
KY_RS	11/09/2021	3	92,126.58	0.6861	0.000000	11	9
KY_RS	11/09/2021	4	93,771.83	0.69835	0.000000	11	9
KY_RS	11/09/2021	5	99,497.93	0.741	0.000000	11	9
KY_RS	11/09/2021	6	111,978.51	0.83395	0.000000	11	9
KY_RS	11/09/2021	7	132,660.94	0.98798	0.000000	11	9
KY_RS	11/09/2021	8	141,442.08	1.05337	0.132514	11	9
KY_RS	11/09/2021	9	131,306.57	0.97789	1.849597	11	9
KY_RS	11/09/2021	10	120,059.59	0.89413	3.271080	11	9
KY_RS	11/09/2021	11	113,838.37	0.8478	4.125029	11	9
KY_RS	11/09/2021	12	109,563.39	0.81596	4.584610	11	9
KY_RS	11/09/2021	13	106,601.56	0.7939	4.666671	11	9
KY_RS	11/09/2021	14	103,935.73	0.77405	4.431687	11	9
KY_RS	11/09/2021	15	102,064.39	0.76011	3.852379	11	9
KY_RS	11/09/2021	16	107,436.15	0.80012	2.856720	11	9
KY_RS	11/09/2021	17	120,112.43	0.89452	1.338352	11	9
KY_RS	11/09/2021	18	140,340.27	1.04517	0.000000	11	9

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	11/09/2021	19	151,664.03	1.1295	0.000000	11	9
KY_RS	11/09/2021	20	150,763.34	1.12279	0.000000	11	9
KY_RS	11/09/2021	21	145,039.15	1.08016	0.000000	11	9
KY_RS	11/09/2021	22	133,887.99	0.99711	0.000000	11	9
KY_RS	11/09/2021	23	118,174.48	0.88009	0.000000	11	9
KY_RS	11/09/2021	24	103,436.37	0.77033	0.000000	11	9
KY_RS	11/10/2021	1	92,480.20	0.68873	0.000000	11	10
KY_RS	11/10/2021	2	86,786.43	0.64633	0.000000	11	10
KY_RS	11/10/2021	3	84,224.61	0.62725	0.000000	11	10
KY_RS	11/10/2021	4	83,806.93	0.62414	0.000000	11	10
KY_RS	11/10/2021	5	87,807.59	0.65394	0.000000	11	10
KY_RS	11/10/2021	6	98,998.76	0.73728	0.000000	11	10
KY_RS	11/10/2021	7	118,097.72	0.87952	0.000000	11	10
KY_RS	11/10/2021	8	126,335.86	0.94087	0.000000	11	10
KY_RS	11/10/2021	9	120,272.67	0.89572	0.265487	11	10
KY_RS	11/10/2021	10	114,436.36	0.85225	2.122160	11	10
KY_RS	11/10/2021	11	109,472.75	0.81528	2.481716	11	10
KY_RS	11/10/2021	12	105,330.55	0.78444	4.180409	11	10
KY_RS	11/10/2021	13	102,849.03	0.76596	3.092567	11	10
KY_RS	11/10/2021	14	100,441.92	0.74803	4.046947	11	10
KY_RS	11/10/2021	15	99,910.07	0.74407	0.871524	11	10
KY_RS	11/10/2021	16	103,925.68	0.77397	0.117292	11	10
KY_RS	11/10/2021	17	113,858.88	0.84795	0.148405	11	10
KY_RS	11/10/2021	18	132,302.35	0.98531	0.000000	11	10
KY_RS	11/10/2021	19	145,413.66	1.08295	0.000000	11	10
KY_RS	11/10/2021	20	145,317.39	1.08223	0.000000	11	10
KY_RS	11/10/2021	21	139,993.37	1.04258	0.000000	11	10
KY_RS	11/10/2021	22	130,789.61	0.97404	0.000000	11	10
KY_RS	11/10/2021	23	116,133.08	0.86489	0.000000	11	10
KY_RS	11/10/2021	24	101,764.98	0.75788	0.000000	11	10
KY_RS	11/11/2021	1	92,107.90	0.68596	0.000000	11	11
KY_RS	11/11/2021	2	86,903.02	0.6472	0.000000	11	11
KY_RS	11/11/2021	3	85,003.66	0.63305	0.000000	11	11

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	11/11/2021	4	85,452.81	0.6364	0.000000	11	11
KY_RS	11/11/2021	5	88,747.52	0.66094	0.000000	11	11
KY_RS	11/11/2021	6	97,986.23	0.72974	0.000000	11	11
KY_RS	11/11/2021	7	115,749.72	0.86203	0.000000	11	11
KY_RS	11/11/2021	8	124,164.61	0.9247	0.013811	11	11
KY_RS	11/11/2021	9	118,967.41	0.886	0.188174	11	11
KY_RS	11/11/2021	10	113,199.69	0.84304	0.433956	11	11
KY_RS	11/11/2021	11	110,850.89	0.82555	0.247960	11	11
KY_RS	11/11/2021	12	107,818.83	0.80297	0.147895	11	11
KY_RS	11/11/2021	13	106,548.56	0.79351	0.314620	11	11
KY_RS	11/11/2021	14	110,142.36	0.82027	0.243364	11	11
KY_RS	11/11/2021	15	112,234.73	0.83585	0.201422	11	11
KY_RS	11/11/2021	16	120,802.72	0.89966	0.105920	11	11
KY_RS	11/11/2021	17	133,308.72	0.9928	0.211204	11	11
KY_RS	11/11/2021	18	149,779.70	1.11547	0.000000	11	11
KY_RS	11/11/2021	19	155,068.18	1.15485	0.000000	11	11
KY_RS	11/11/2021	20	153,983.77	1.14678	0.000000	11	11
KY_RS	11/11/2021	21	150,291.32	1.11928	0.000000	11	11
KY_RS	11/11/2021	22	142,036.63	1.0578	0.000000	11	11
KY_RS	11/11/2021	23	128,380.03	0.95609	0.000000	11	11
KY_RS	11/11/2021	24	115,345.18	0.85902	0.000000	11	11
KY_RS	11/12/2021	1	107,245.87	0.7987	0.000000	11	12
KY_RS	11/12/2021	2	103,229.75	0.76879	0.000000	11	12
KY_RS	11/12/2021	3	102,468.87	0.76312	0.000000	11	12
KY_RS	11/12/2021	4	103,655.13	0.77196	0.000000	11	12
KY_RS	11/12/2021	5	108,689.15	0.80945	0.000000	11	12
KY_RS	11/12/2021	6	120,402.31	0.89668	0.000000	11	12
KY_RS	11/12/2021	7	139,911.86	1.04198	0.000000	11	12
KY_RS	11/12/2021	8	148,814.06	1.10827	0.000000	11	12
KY_RS	11/12/2021	9	143,074.80	1.06553	0.459120	11	12
KY_RS	11/12/2021	10	134,434.17	1.00118	0.855404	11	12
KY_RS	11/12/2021	11	127,140.03	0.94686	1.696877	11	12
KY_RS	11/12/2021	12	123,697.50	0.92122	1.981843	11	12

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	11/12/2021	13	126,692.25	0.94352	3.279695	11	12
KY_RS	11/12/2021	14	129,554.70	0.96484	3.065888	11	12
KY_RS	11/12/2021	15	134,023.56	0.99812	2.416011	11	12
KY_RS	11/12/2021	16	144,319.75	1.0748	0.680785	11	12
KY_RS	11/12/2021	17	160,963.14	1.19875	0.237861	11	12
KY_RS	11/12/2021	18	171,864.28	1.27994	0.000000	11	12
KY_RS	11/12/2021	19	173,389.59	1.2913	0.000000	11	12
KY_RS	11/12/2021	20	168,513.04	1.25498	0.000000	11	12
KY_RS	11/12/2021	21	164,892.06	1.22801	0.000000	11	12
KY_RS	11/12/2021	22	160,709.91	1.19687	0.000000	11	12
KY_RS	11/12/2021	23	154,030.11	1.14712	0.000000	11	12
KY_RS	11/12/2021	24	145,001.59	1.07988	0.000000	11	12
KY_RS	11/13/2021	1	136,337.81	1.01536	0.000000	11	13
KY_RS	11/13/2021	2	131,908.31	0.98237	0.000000	11	13
KY_RS	11/13/2021	3	131,078.92	0.97619	0.000000	11	13
KY_RS	11/13/2021	4	131,828.80	0.98178	0.000000	11	13
KY_RS	11/13/2021	5	135,441.68	1.00869	0.000000	11	13
KY_RS	11/13/2021	6	141,659.44	1.05499	0.000000	11	13
KY_RS	11/13/2021	7	149,841.82	1.11593	0.000000	11	13
KY_RS	11/13/2021	8	163,956.97	1.22105	0.101622	11	13
KY_RS	11/13/2021	9	175,890.65	1.30992	1.781796	11	13
KY_RS	11/13/2021	10	179,200.62	1.33457	3.238286	11	13
KY_RS	11/13/2021	11	179,205.32	1.33461	4.137534	11	13
KY_RS	11/13/2021	12	180,614.02	1.3451	4.662166	11	13
KY_RS	11/13/2021	13	180,583.10	1.34487	4.789451	11	13
KY_RS	11/13/2021	14	179,652.43	1.33794	4.545116	11	13
KY_RS	11/13/2021	15	180,224.77	1.3422	3.932492	11	13
KY_RS	11/13/2021	16	181,188.89	1.34938	2.871028	11	13
KY_RS	11/13/2021	17	188,005.28	1.40015	1.297378	11	13
KY_RS	11/13/2021	18	195,917.37	1.45907	0.000000	11	13
KY_RS	11/13/2021	19	197,317.80	1.4695	0.000000	11	13
KY_RS	11/13/2021	20	192,045.55	1.43024	0.000000	11	13
KY_RS	11/13/2021	21	187,363.38	1.39537	0.000000	11	13

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	11/13/2021	22	180,647.28	1.34535	0.000000	11	13
KY_RS	11/13/2021	23	170,386.73	1.26893	0.000000	11	13
KY_RS	11/13/2021	24	159,314.92	1.18648	0.000000	11	13
KY_RS	11/14/2021	1	149,376.28	1.11246	0.000000	11	14
KY_RS	11/14/2021	2	142,826.20	1.06368	0.000000	11	14
KY_RS	11/14/2021	3	139,086.39	1.03583	0.000000	11	14
KY_RS	11/14/2021	4	138,823.48	1.03387	0.000000	11	14
KY_RS	11/14/2021	5	140,706.03	1.04789	0.000000	11	14
KY_RS	11/14/2021	6	146,458.36	1.09073	0.000000	11	14
KY_RS	11/14/2021	7	154,392.37	1.14982	0.000000	11	14
KY_RS	11/14/2021	8	167,078.06	1.24429	0.000000	11	14
KY_RS	11/14/2021	9	182,532.71	1.35939	0.954287	11	14
KY_RS	11/14/2021	10	192,310.36	1.43221	1.796697	11	14
KY_RS	11/14/2021	11	200,871.40	1.49596	2.823619	11	14
KY_RS	11/14/2021	12	205,633.90	1.53143	3.428815	11	14
KY_RS	11/14/2021	13	208,200.52	1.55055	3.297285	11	14
KY_RS	11/14/2021	14	206,353.84	1.53679	2.801702	11	14
KY_RS	11/14/2021	15	204,948.18	1.52633	1.912764	11	14
KY_RS	11/14/2021	16	203,569.79	1.51606	0.645739	11	14
KY_RS	11/14/2021	17	211,947.89	1.57846	0.772786	11	14
KY_RS	11/14/2021	18	227,995.62	1.69797	0.000000	11	14
KY_RS	11/14/2021	19	230,902.95	1.71962	0.000000	11	14
KY_RS	11/14/2021	20	229,147.58	1.70655	0.000000	11	14
KY_RS	11/14/2021	21	221,447.66	1.6492	0.000000	11	14
KY_RS	11/14/2021	22	207,411.11	1.54467	0.000000	11	14
KY_RS	11/14/2021	23	189,995.49	1.41497	0.000000	11	14
KY_RS	11/14/2021	24	172,542.36	1.28499	0.000000	11	14
KY_RS	11/15/2021	1	162,246.19	1.20831	0.000000	11	15
KY_RS	11/15/2021	2	155,983.46	1.16167	0.000000	11	15
KY_RS	11/15/2021	3	153,114.38	1.1403	0.000000	11	15
KY_RS	11/15/2021	4	152,629.01	1.13669	0.000000	11	15
KY_RS	11/15/2021	5	156,255.49	1.16369	0.000000	11	15
KY_RS	11/15/2021	6	167,820.84	1.24982	0.000000	11	15

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	11/15/2021	7	188,676.99	1.40515	0.000000	11	15
KY_RS	11/15/2021	8	198,080.43	1.47518	0.000000	11	15
KY_RS	11/15/2021	9	187,098.68	1.39339	0.245747	11	15
KY_RS	11/15/2021	10	173,277.48	1.29046	0.277741	11	15
KY_RS	11/15/2021	11	162,456.96	1.20988	2.052229	11	15
KY_RS	11/15/2021	12	158,994.15	1.18409	0.542948	11	15
KY_RS	11/15/2021	13	154,503.25	1.15064	0.571514	11	15
KY_RS	11/15/2021	14	153,602.65	1.14394	0.499777	11	15
KY_RS	11/15/2021	15	151,862.76	1.13098	3.202389	11	15
KY_RS	11/15/2021	16	160,002.38	1.1916	0.161036	11	15
KY_RS	11/15/2021	17	177,711.90	1.32349	0.771292	11	15
KY_RS	11/15/2021	18	201,383.02	1.49978	0.000000	11	15
KY_RS	11/15/2021	19	211,198.91	1.57288	0.000000	11	15
KY_RS	11/15/2021	20	209,651.28	1.56135	0.000000	11	15
KY_RS	11/15/2021	21	203,237.35	1.51358	0.000000	11	15
KY_RS	11/15/2021	22	190,323.57	1.41741	0.000000	11	15
KY_RS	11/15/2021	23	171,930.62	1.28043	0.000000	11	15
KY_RS	11/15/2021	24	155,218.88	1.15597	0.000000	11	15
KY_RS	11/16/2021	1	144,447.17	1.07575	0.000000	11	16
KY_RS	11/16/2021	2	140,952.53	1.04973	0.000000	11	16
KY_RS	11/16/2021	3	141,820.49	1.05619	0.000000	11	16
KY_RS	11/16/2021	4	145,445.46	1.08319	0.000000	11	16
KY_RS	11/16/2021	5	151,386.66	1.12743	0.000000	11	16
KY_RS	11/16/2021	6	163,331.70	1.21639	0.000000	11	16
KY_RS	11/16/2021	7	182,721.24	1.36079	0.000000	11	16
KY_RS	11/16/2021	8	188,356.11	1.40276	0.000000	11	16
KY_RS	11/16/2021	9	176,227.07	1.31243	0.300250	11	16
KY_RS	11/16/2021	10	159,945.77	1.19118	0.232045	11	16
KY_RS	11/16/2021	11	145,459.65	1.08329	0.887119	11	16
KY_RS	11/16/2021	12	133,917.88	0.99734	0.397218	11	16
KY_RS	11/16/2021	13	126,217.85	0.93999	0.279365	11	16
KY_RS	11/16/2021	14	119,179.28	0.88757	0.300744	11	16
KY_RS	11/16/2021	15	116,299.10	0.86612	2.022450	11	16

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	11/16/2021	16	119,796.77	0.89217	0.528698	11	16
KY_RS	11/16/2021	17	129,759.47	0.96637	0.000000	11	16
KY_RS	11/16/2021	18	153,352.84	1.14208	0.000000	11	16
KY_RS	11/16/2021	19	167,878.06	1.25025	0.000000	11	16
KY_RS	11/16/2021	20	169,666.49	1.26357	0.000000	11	16
KY_RS	11/16/2021	21	165,829.79	1.235	0.000000	11	16
KY_RS	11/16/2021	22	155,681.26	1.15942	0.000000	11	16
KY_RS	11/16/2021	23	137,918.07	1.02713	0.000000	11	16
KY_RS	11/16/2021	24	120,313.61	0.89602	0.000000	11	16
KY_RS	11/17/2021	1	107,570.12	0.80112	0.000000	11	17
KY_RS	11/17/2021	2	100,549.03	0.74883	0.000000	11	17
KY_RS	11/17/2021	3	95,478.05	0.71106	0.000000	11	17
KY_RS	11/17/2021	4	93,264.60	0.69458	0.000000	11	17
KY_RS	11/17/2021	5	94,114.77	0.70091	0.000000	11	17
KY_RS	11/17/2021	6	101,616.11	0.75677	0.000000	11	17
KY_RS	11/17/2021	7	117,253.95	0.87323	0.000000	11	17
KY_RS	11/17/2021	8	122,866.59	0.91503	0.000000	11	17
KY_RS	11/17/2021	9	115,813.27	0.86251	0.270317	11	17
KY_RS	11/17/2021	10	111,643.83	0.83145	0.915811	11	17
KY_RS	11/17/2021	11	108,246.05	0.80615	1.478915	11	17
KY_RS	11/17/2021	12	106,258.20	0.79134	4.094174	11	17
KY_RS	11/17/2021	13	107,804.72	0.80286	2.709194	11	17
KY_RS	11/17/2021	14	104,260.22	0.77647	3.992869	11	17
KY_RS	11/17/2021	15	102,169.19	0.76089	2.522635	11	17
KY_RS	11/17/2021	16	105,791.98	0.78787	2.427257	11	17
KY_RS	11/17/2021	17	117,352.02	0.87396	0.988153	11	17
KY_RS	11/17/2021	18	135,530.04	1.00934	0.000000	11	17
KY_RS	11/17/2021	19	148,261.74	1.10416	0.000000	11	17
KY_RS	11/17/2021	20	148,171.92	1.10349	0.000000	11	17
KY_RS	11/17/2021	21	144,137.58	1.07345	0.000000	11	17
KY_RS	11/17/2021	22	134,074.33	0.9985	0.000000	11	17
KY_RS	11/17/2021	23	118,192.87	0.88023	0.000000	11	17
KY_RS	11/17/2021	24	101,509.37	0.75598	0.000000	11	17

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	11/18/2021	1	89,607.54	0.66734	0.000000	11	18
KY_RS	11/18/2021	2	82,417.41	0.61379	0.000000	11	18
KY_RS	11/18/2021	3	80,186.57	0.59718	0.000000	11	18
KY_RS	11/18/2021	4	82,204.30	0.61221	0.000000	11	18
KY_RS	11/18/2021	5	87,978.10	0.65521	0.000000	11	18
KY_RS	11/18/2021	6	100,736.96	0.75023	0.000000	11	18
KY_RS	11/18/2021	7	121,179.58	0.90247	0.000000	11	18
KY_RS	11/18/2021	8	133,024.19	0.99068	0.000000	11	18
KY_RS	11/18/2021	9	135,126.40	1.00634	0.041596	11	18
KY_RS	11/18/2021	10	137,476.02	1.02384	0.292958	11	18
KY_RS	11/18/2021	11	134,711.12	1.00324	0.370918	11	18
KY_RS	11/18/2021	12	131,462.59	0.97905	0.815962	11	18
KY_RS	11/18/2021	13	132,781.29	0.98887	0.879994	11	18
KY_RS	11/18/2021	14	128,885.57	0.95986	0.670508	11	18
KY_RS	11/18/2021	15	124,954.10	0.93058	0.877005	11	18
KY_RS	11/18/2021	16	130,530.99	0.97211	0.357431	11	18
KY_RS	11/18/2021	17	146,089.47	1.08798	0.000000	11	18
KY_RS	11/18/2021	18	172,417.11	1.28406	0.000000	11	18
KY_RS	11/18/2021	19	188,512.45	1.40392	0.000000	11	18
KY_RS	11/18/2021	20	192,043.79	1.43022	0.000000	11	18
KY_RS	11/18/2021	21	191,755.24	1.42807	0.000000	11	18
KY_RS	11/18/2021	22	184,453.23	1.37369	0.000000	11	18
KY_RS	11/18/2021	23	171,343.88	1.27606	0.000000	11	18
KY_RS	11/18/2021	24	159,144.79	1.18521	0.000000	11	18
KY_RS	11/19/2021	1	151,276.58	1.12661	0.000000	11	19
KY_RS	11/19/2021	2	148,990.15	1.10959	0.000000	11	19
KY_RS	11/19/2021	3	147,605.69	1.09928	0.000000	11	19
KY_RS	11/19/2021	4	148,397.12	1.10517	0.000000	11	19
KY_RS	11/19/2021	5	153,756.09	1.14508	0.000000	11	19
KY_RS	11/19/2021	6	165,549.13	1.23291	0.000000	11	19
KY_RS	11/19/2021	7	186,982.02	1.39253	0.000000	11	19
KY_RS	11/19/2021	8	197,973.51	1.47438	0.000000	11	19
KY_RS	11/19/2021	9	189,423.02	1.4107	0.585139	11	19

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	11/19/2021	10	175,776.48	1.30907	0.565965	11	19
KY_RS	11/19/2021	11	164,293.37	1.22355	2.144510	11	19
KY_RS	11/19/2021	12	155,751.93	1.15994	3.158383	11	19
KY_RS	11/19/2021	13	148,476.81	1.10576	4.432332	11	19
KY_RS	11/19/2021	14	141,624.10	1.05473	4.229435	11	19
KY_RS	11/19/2021	15	137,740.37	1.0258	3.605034	11	19
KY_RS	11/19/2021	16	143,201.30	1.06647	2.624038	11	19
KY_RS	11/19/2021	17	155,781.14	1.16016	1.136656	11	19
KY_RS	11/19/2021	18	178,680.22	1.3307	0.000000	11	19
KY_RS	11/19/2021	19	190,193.96	1.41645	0.000000	11	19
KY_RS	11/19/2021	20	193,083.77	1.43797	0.000000	11	19
KY_RS	11/19/2021	21	193,822.60	1.44347	0.000000	11	19
KY_RS	11/19/2021	22	192,276.16	1.43195	0.000000	11	19
KY_RS	11/19/2021	23	186,091.88	1.3859	0.000000	11	19
KY_RS	11/19/2021	24	177,209.54	1.31975	0.000000	11	19
KY_RS	11/20/2021	1	167,420.91	1.24685	0.000000	11	20
KY_RS	11/20/2021	2	160,032.36	1.19182	0.000000	11	20
KY_RS	11/20/2021	3	156,817.60	1.16788	0.000000	11	20
KY_RS	11/20/2021	4	156,660.31	1.16671	0.000000	11	20
KY_RS	11/20/2021	5	157,927.40	1.17614	0.000000	11	20
KY_RS	11/20/2021	6	163,900.70	1.22063	0.000000	11	20
KY_RS	11/20/2021	7	171,028.87	1.27372	0.000000	11	20
KY_RS	11/20/2021	8	182,186.71	1.35681	0.000000	11	20
KY_RS	11/20/2021	9	193,046.63	1.43769	1.437477	11	20
KY_RS	11/20/2021	10	195,412.45	1.45531	2.835116	11	20
KY_RS	11/20/2021	11	188,687.45	1.40523	3.694293	11	20
KY_RS	11/20/2021	12	180,992.56	1.34792	4.128310	11	20
KY_RS	11/20/2021	13	173,377.96	1.29121	4.244908	11	20
KY_RS	11/20/2021	14	165,510.87	1.23262	4.040895	11	20
KY_RS	11/20/2021	15	164,509.17	1.22516	3.451017	11	20
KY_RS	11/20/2021	16	164,170.09	1.22264	2.525789	11	20
KY_RS	11/20/2021	17	168,547.10	1.25523	1.095373	11	20
KY_RS	11/20/2021	18	175,468.11	1.30678	0.000000	11	20

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	11/20/2021	19	175,718.34	1.30864	0.000000	11	20
KY_RS	11/20/2021	20	174,464.46	1.2993	0.000000	11	20
KY_RS	11/20/2021	21	172,988.52	1.28831	0.000000	11	20
KY_RS	11/20/2021	22	168,305.20	1.25343	0.000000	11	20
KY_RS	11/20/2021	23	161,376.09	1.20183	0.000000	11	20
KY_RS	11/20/2021	24	151,634.64	1.12928	0.000000	11	20
KY_RS	11/21/2021	1	143,597.94	1.06943	0.000000	11	21
KY_RS	11/21/2021	2	137,253.88	1.02218	0.000000	11	21
KY_RS	11/21/2021	3	131,741.91	0.98113	0.000000	11	21
KY_RS	11/21/2021	4	128,098.47	0.954	0.000000	11	21
KY_RS	11/21/2021	5	127,688.44	0.95094	0.000000	11	21
KY_RS	11/21/2021	6	129,636.36	0.96545	0.000000	11	21
KY_RS	11/21/2021	7	134,421.28	1.00109	0.000000	11	21
KY_RS	11/21/2021	8	145,672.19	1.08488	0.000000	11	21
KY_RS	11/21/2021	9	161,505.24	1.20279	1.401078	11	21
KY_RS	11/21/2021	10	175,452.25	1.30666	2.792017	11	21
KY_RS	11/21/2021	11	185,542.34	1.3818	2.555024	11	21
KY_RS	11/21/2021	12	189,814.28	1.41362	3.222619	11	21
KY_RS	11/21/2021	13	192,776.64	1.43568	3.656364	11	21
KY_RS	11/21/2021	14	193,076.85	1.43792	4.006631	11	21
KY_RS	11/21/2021	15	191,018.89	1.42259	2.734420	11	21
KY_RS	11/21/2021	16	189,895.77	1.41423	2.371445	11	21
KY_RS	11/21/2021	17	193,538.47	1.44135	1.067927	11	21
KY_RS	11/21/2021	18	201,810.08	1.50296	0.000000	11	21
KY_RS	11/21/2021	19	200,948.43	1.49654	0.000000	11	21
KY_RS	11/21/2021	20	199,627.65	1.4867	0.000000	11	21
KY_RS	11/21/2021	21	191,906.31	1.4292	0.000000	11	21
KY_RS	11/21/2021	22	178,885.23	1.33223	0.000000	11	21
KY_RS	11/21/2021	23	161,786.04	1.20488	0.000000	11	21
KY_RS	11/21/2021	24	143,622.91	1.06961	0.000000	11	21
KY_RS	11/22/2021	1	131,690.94	0.98075	0.000000	11	22
KY_RS	11/22/2021	2	127,721.26	0.95119	0.000000	11	22
KY_RS	11/22/2021	3	129,880.68	0.96727	0.000000	11	22

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	11/22/2021	4	135,181.32	1.00675	0.000000	11	22
KY_RS	11/22/2021	5	142,993.19	1.06492	0.000000	11	22
KY_RS	11/22/2021	6	156,960.05	1.16894	0.000000	11	22
KY_RS	11/22/2021	7	177,847.85	1.3245	0.000000	11	22
KY_RS	11/22/2021	8	188,563.46	1.4043	0.000000	11	22
KY_RS	11/22/2021	9	185,608.10	1.38229	0.026305	11	22
KY_RS	11/22/2021	10	181,983.07	1.3553	1.445306	11	22
KY_RS	11/22/2021	11	172,340.79	1.28349	2.735343	11	22
KY_RS	11/22/2021	12	163,032.68	1.21417	3.729021	11	22
KY_RS	11/22/2021	13	156,323.95	1.1642	3.873562	11	22
KY_RS	11/22/2021	14	151,135.71	1.12556	2.752006	11	22
KY_RS	11/22/2021	15	148,027.65	1.10242	2.512329	11	22
KY_RS	11/22/2021	16	152,893.24	1.13865	2.193285	11	22
KY_RS	11/22/2021	17	169,896.08	1.26528	0.747173	11	22
KY_RS	11/22/2021	18	202,050.76	1.50475	0.000000	11	22
KY_RS	11/22/2021	19	218,498.30	1.62724	0.000000	11	22
KY_RS	11/22/2021	20	223,183.78	1.66213	0.000000	11	22
KY_RS	11/22/2021	21	222,215.14	1.65492	0.000000	11	22
KY_RS	11/22/2021	22	215,300.10	1.60342	0.000000	11	22
KY_RS	11/22/2021	23	201,167.49	1.49817	0.000000	11	22
KY_RS	11/22/2021	24	187,595.94	1.3971	0.000000	11	22
KY_RS	11/23/2021	1	179,976.56	1.34035	0.000000	11	23
KY_RS	11/23/2021	2	177,819.43	1.32429	0.000000	11	23
KY_RS	11/23/2021	3	179,095.39	1.33379	0.000000	11	23
KY_RS	11/23/2021	4	182,796.77	1.36136	0.000000	11	23
KY_RS	11/23/2021	5	189,124.91	1.40848	0.000000	11	23
KY_RS	11/23/2021	6	202,413.73	1.50745	0.000000	11	23
KY_RS	11/23/2021	7	221,875.73	1.65239	0.000000	11	23
KY_RS	11/23/2021	8	231,462.63	1.72379	0.000000	11	23
KY_RS	11/23/2021	9	220,094.97	1.63913	0.629187	11	23
KY_RS	11/23/2021	10	200,013.55	1.48958	2.245354	11	23
KY_RS	11/23/2021	11	183,555.46	1.36701	2.227006	11	23
KY_RS	11/23/2021	12	172,932.75	1.2879	3.089601	11	23

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	11/23/2021	13	165,049.10	1.22918	3.773157	11	23
KY_RS	11/23/2021	14	156,463.53	1.16524	3.046415	11	23
KY_RS	11/23/2021	15	151,375.24	1.12735	1.973977	11	23
KY_RS	11/23/2021	16	154,159.60	1.14808	1.328146	11	23
KY_RS	11/23/2021	17	168,767.95	1.25688	0.701042	11	23
KY_RS	11/23/2021	18	196,554.43	1.46381	0.000000	11	23
KY_RS	11/23/2021	19	213,073.72	1.58684	0.000000	11	23
KY_RS	11/23/2021	20	216,758.71	1.61428	0.000000	11	23
KY_RS	11/23/2021	21	217,074.32	1.61663	0.000000	11	23
KY_RS	11/23/2021	22	209,441.08	1.55979	0.000000	11	23
KY_RS	11/23/2021	23	197,302.35	1.46938	0.000000	11	23
KY_RS	11/23/2021	24	183,014.39	1.36298	0.000000	11	23
KY_RS	11/24/2021	1	173,135.60	1.28941	0.000000	11	24
KY_RS	11/24/2021	2	167,942.29	1.25073	0.000000	11	24
KY_RS	11/24/2021	3	165,847.09	1.23513	0.000000	11	24
KY_RS	11/24/2021	4	166,565.64	1.24048	0.000000	11	24
KY_RS	11/24/2021	5	171,420.57	1.27663	0.000000	11	24
KY_RS	11/24/2021	6	180,582.30	1.34486	0.000000	11	24
KY_RS	11/24/2021	7	192,222.63	1.43155	0.000000	11	24
KY_RS	11/24/2021	8	203,211.59	1.51339	0.000000	11	24
KY_RS	11/24/2021	9	201,661.57	1.50185	0.050445	11	24
KY_RS	11/24/2021	10	192,133.61	1.43089	0.069200	11	24
KY_RS	11/24/2021	11	181,260.92	1.34992	0.263268	11	24
KY_RS	11/24/2021	12	171,618.55	1.27811	0.337086	11	24
KY_RS	11/24/2021	13	163,618.65	1.21853	0.348130	11	24
KY_RS	11/24/2021	14	156,469.30	1.16529	0.653185	11	24
KY_RS	11/24/2021	15	153,407.97	1.14249	0.747100	11	24
KY_RS	11/24/2021	16	154,604.01	1.15139	0.612276	11	24
KY_RS	11/24/2021	17	160,539.68	1.1956	1.015804	11	24
KY_RS	11/24/2021	18	180,255.26	1.34243	0.000000	11	24
KY_RS	11/24/2021	19	187,266.19	1.39464	0.000000	11	24
KY_RS	11/24/2021	20	184,617.53	1.37492	0.000000	11	24
KY_RS	11/24/2021	21	179,934.26	1.34004	0.000000	11	24

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	11/24/2021	22	172,626.16	1.28561	0.000000	11	24
KY_RS	11/24/2021	23	161,155.99	1.20019	0.000000	11	24
KY_RS	11/24/2021	24	146,303.90	1.08958	0.000000	11	24
KY_RS	11/25/2021	1	132,954.45	0.99016	0.000000	11	25
KY_RS	11/25/2021	2	123,644.32	0.92083	0.000000	11	25
KY_RS	11/25/2021	3	118,002.07	0.87881	0.000000	11	25
KY_RS	11/25/2021	4	114,974.39	0.85626	0.000000	11	25
KY_RS	11/25/2021	5	114,651.59	0.85385	0.000000	11	25
KY_RS	11/25/2021	6	117,992.47	0.87873	0.000000	11	25
KY_RS	11/25/2021	7	124,832.57	0.92968	0.000000	11	25
KY_RS	11/25/2021	8	139,039.01	1.03548	0.000000	11	25
KY_RS	11/25/2021	9	164,321.95	1.22377	0.636322	11	25
KY_RS	11/25/2021	10	189,620.62	1.41218	2.928702	11	25
KY_RS	11/25/2021	11	208,196.82	1.55052	2.850163	11	25
KY_RS	11/25/2021	12	220,030.94	1.63865	4.414835	11	25
KY_RS	11/25/2021	13	218,878.41	1.63007	2.288833	11	25
KY_RS	11/25/2021	14	207,974.21	1.54886	2.480782	11	25
KY_RS	11/25/2021	15	196,657.55	1.46458	3.367839	11	25
KY_RS	11/25/2021	16	184,700.60	1.37553	2.054650	11	25
KY_RS	11/25/2021	17	175,656.56	1.30818	0.840270	11	25
KY_RS	11/25/2021	18	170,659.69	1.27097	0.000000	11	25
KY_RS	11/25/2021	19	168,468.93	1.25465	0.000000	11	25
KY_RS	11/25/2021	20	169,965.54	1.2658	0.000000	11	25
KY_RS	11/25/2021	21	172,046.36	1.28129	0.000000	11	25
KY_RS	11/25/2021	22	172,689.25	1.28608	0.000000	11	25
KY_RS	11/25/2021	23	166,866.93	1.24272	0.000000	11	25
KY_RS	11/25/2021	24	157,693.72	1.1744	0.000000	11	25
KY_RS	11/26/2021	1	151,033.95	1.12481	0.000000	11	26
KY_RS	11/26/2021	2	148,391.51	1.10513	0.000000	11	26
KY_RS	11/26/2021	3	148,212.05	1.10379	0.000000	11	26
KY_RS	11/26/2021	4	149,942.79	1.11668	0.000000	11	26
KY_RS	11/26/2021	5	154,930.82	1.15383	0.000000	11	26
KY_RS	11/26/2021	6	161,752.60	1.20463	0.000000	11	26

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	11/26/2021	7	169,843.73	1.26489	0.000000	11	26
KY_RS	11/26/2021	8	180,502.70	1.34427	0.000000	11	26
KY_RS	11/26/2021	9	194,450.09	1.44814	0.185788	11	26
KY_RS	11/26/2021	10	205,156.00	1.52787	1.173169	11	26
KY_RS	11/26/2021	11	208,966.14	1.55625	2.736471	11	26
KY_RS	11/26/2021	12	202,293.21	1.50655	2.740150	11	26
KY_RS	11/26/2021	13	193,889.34	1.44397	2.681343	11	26
KY_RS	11/26/2021	14	185,131.15	1.37874	1.449099	11	26
KY_RS	11/26/2021	15	177,795.50	1.32411	1.154367	11	26
KY_RS	11/26/2021	16	177,793.38	1.32409	1.527104	11	26
KY_RS	11/26/2021	17	189,648.57	1.41238	0.657020	11	26
KY_RS	11/26/2021	18	207,462.35	1.54505	0.000000	11	26
KY_RS	11/26/2021	19	212,150.08	1.57996	0.000000	11	26
KY_RS	11/26/2021	20	210,444.30	1.56726	0.000000	11	26
KY_RS	11/26/2021	21	207,900.56	1.54831	0.000000	11	26
KY_RS	11/26/2021	22	202,341.15	1.50691	0.000000	11	26
KY_RS	11/26/2021	23	193,836.52	1.44357	0.000000	11	26
KY_RS	11/26/2021	24	181,732.97	1.35343	0.000000	11	26
KY_RS	11/27/2021	1	171,424.95	1.27667	0.000000	11	27
KY_RS	11/27/2021	2	164,666.86	1.22634	0.000000	11	27
KY_RS	11/27/2021	3	161,307.73	1.20132	0.000000	11	27
KY_RS	11/27/2021	4	159,795.01	1.19005	0.000000	11	27
KY_RS	11/27/2021	5	160,584.38	1.19593	0.000000	11	27
KY_RS	11/27/2021	6	163,764.37	1.21961	0.000000	11	27
KY_RS	11/27/2021	7	168,120.84	1.25206	0.000000	11	27
KY_RS	11/27/2021	8	177,205.74	1.31972	0.000000	11	27
KY_RS	11/27/2021	9	190,166.17	1.41624	0.021940	11	27
KY_RS	11/27/2021	10	195,642.02	1.45702	0.166585	11	27
KY_RS	11/27/2021	11	188,974.93	1.40737	0.284270	11	27
KY_RS	11/27/2021	12	186,025.86	1.3854	0.399858	11	27
KY_RS	11/27/2021	13	182,541.80	1.35946	0.628044	11	27
KY_RS	11/27/2021	14	178,651.32	1.33048	0.900908	11	27
KY_RS	11/27/2021	15	175,109.02	1.3041	0.264893	11	27

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	11/27/2021	16	175,375.56	1.30609	0.231850	11	27
KY_RS	11/27/2021	17	179,204.88	1.33461	0.005456	11	27
KY_RS	11/27/2021	18	187,125.51	1.39359	0.000000	11	27
KY_RS	11/27/2021	19	190,213.99	1.4166	0.000000	11	27
KY_RS	11/27/2021	20	187,275.91	1.39471	0.000000	11	27
KY_RS	11/27/2021	21	184,508.74	1.37411	0.000000	11	27
KY_RS	11/27/2021	22	178,268.97	1.32764	0.000000	11	27
KY_RS	11/27/2021	23	169,903.98	1.26534	0.000000	11	27
KY_RS	11/27/2021	24	158,358.14	1.17935	0.000000	11	27
KY_RS	11/28/2021	1	147,226.75	1.09645	0.000000	11	28
KY_RS	11/28/2021	2	140,428.18	1.04582	0.000000	11	28
KY_RS	11/28/2021	3	136,865.30	1.01929	0.000000	11	28
KY_RS	11/28/2021	4	136,994.13	1.02025	0.000000	11	28
KY_RS	11/28/2021	5	139,083.40	1.03581	0.000000	11	28
KY_RS	11/28/2021	6	145,198.48	1.08135	0.000000	11	28
KY_RS	11/28/2021	7	153,470.93	1.14296	0.000000	11	28
KY_RS	11/28/2021	8	166,323.23	1.23867	0.000000	11	28
KY_RS	11/28/2021	9	180,381.02	1.34337	0.028127	11	28
KY_RS	11/28/2021	10	187,387.03	1.39554	0.108179	11	28
KY_RS	11/28/2021	11	186,059.36	1.38565	0.613589	11	28
KY_RS	11/28/2021	12	180,459.13	1.34395	0.317147	11	28
KY_RS	11/28/2021	13	177,183.51	1.31955	0.473450	11	28
KY_RS	11/28/2021	14	171,804.18	1.27949	0.300127	11	28
KY_RS	11/28/2021	15	168,574.01	1.25543	0.210623	11	28
KY_RS	11/28/2021	16	169,514.13	1.26244	0.137226	11	28
KY_RS	11/28/2021	17	181,359.19	1.35065	0.006735	11	28
KY_RS	11/28/2021	18	207,720.60	1.54697	0.000000	11	28
KY_RS	11/28/2021	19	224,358.36	1.67088	0.000000	11	28
KY_RS	11/28/2021	20	228,422.86	1.70115	0.000000	11	28
KY_RS	11/28/2021	21	224,294.20	1.6704	0.000000	11	28
KY_RS	11/28/2021	22	213,620.26	1.59091	0.000000	11	28
KY_RS	11/28/2021	23	197,723.57	1.47252	0.000000	11	28
KY_RS	11/28/2021	24	180,656.65	1.34542	0.000000	11	28

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	11/29/2021	1	170,846.05	1.27235	0.000000	11	29
KY_RS	11/29/2021	2	166,970.12	1.24349	0.000000	11	29
KY_RS	11/29/2021	3	167,601.11	1.24819	0.000000	11	29
KY_RS	11/29/2021	4	170,650.80	1.2709	0.000000	11	29
KY_RS	11/29/2021	5	177,694.61	1.32336	0.000000	11	29
KY_RS	11/29/2021	6	191,864.13	1.42888	0.000000	11	29
KY_RS	11/29/2021	7	213,260.77	1.58823	0.000000	11	29
KY_RS	11/29/2021	8	222,555.62	1.65746	0.000000	11	29
KY_RS	11/29/2021	9	214,750.06	1.59932	1.153589	11	29
KY_RS	11/29/2021	10	195,969.79	1.45946	0.092245	11	29
KY_RS	11/29/2021	11	180,513.00	1.34435	0.334582	11	29
KY_RS	11/29/2021	12	169,448.07	1.26194	0.584311	11	29
KY_RS	11/29/2021	13	162,821.38	1.21259	0.619566	11	29
KY_RS	11/29/2021	14	154,988.83	1.15426	4.256136	11	29
KY_RS	11/29/2021	15	150,849.56	1.12343	3.623333	11	29
KY_RS	11/29/2021	16	155,040.89	1.15465	1.325862	11	29
KY_RS	11/29/2021	17	173,684.43	1.29349	0.715011	11	29
KY_RS	11/29/2021	18	205,462.36	1.53016	0.000000	11	29
KY_RS	11/29/2021	19	218,723.17	1.62891	0.000000	11	29
KY_RS	11/29/2021	20	218,518.32	1.62739	0.000000	11	29
KY_RS	11/29/2021	21	214,490.86	1.59739	0.000000	11	29
KY_RS	11/29/2021	22	203,579.31	1.51613	0.000000	11	29
KY_RS	11/29/2021	23	186,405.30	1.38823	0.000000	11	29
KY_RS	11/29/2021	24	168,222.54	1.25282	0.000000	11	29
KY_RS	11/30/2021	1	156,535.01	1.16578	0.000000	11	30
KY_RS	11/30/2021	2	151,254.67	1.12645	0.000000	11	30
KY_RS	11/30/2021	3	148,814.49	1.10828	0.000000	11	30
KY_RS	11/30/2021	4	149,437.63	1.11292	0.000000	11	30
KY_RS	11/30/2021	5	153,053.27	1.13985	0.000000	11	30
KY_RS	11/30/2021	6	163,040.18	1.21422	0.000000	11	30
KY_RS	11/30/2021	7	179,034.19	1.33333	0.000000	11	30
KY_RS	11/30/2021	8	185,387.59	1.38065	0.000000	11	30
KY_RS	11/30/2021	9	175,889.55	1.30992	0.532713	11	30

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	11/30/2021	10	163,141.82	1.21498	2.706705	11	30
KY_RS	11/30/2021	11	151,021.10	1.12471	3.704926	11	30
KY_RS	11/30/2021	12	143,085.66	1.06561	4.182879	11	30
KY_RS	11/30/2021	13	136,765.23	1.01854	4.304394	11	30
KY_RS	11/30/2021	14	130,232.77	0.96989	4.059023	11	30
KY_RS	11/30/2021	15	126,487.07	0.942	3.491414	11	30
KY_RS	11/30/2021	16	129,042.34	0.96103	2.482647	11	30
KY_RS	11/30/2021	17	142,577.34	1.06183	0.995561	11	30
KY_RS	11/30/2021	18	172,017.72	1.28108	0.000000	11	30
KY_RS	11/30/2021	19	190,088.29	1.41566	0.000000	11	30
KY_RS	11/30/2021	20	194,520.08	1.44866	0.000000	11	30
KY_RS	11/30/2021	21	194,223.42	1.44645	0.000000	11	30
KY_RS	11/30/2021	22	186,752.59	1.39082	0.000000	11	30
KY_RS	11/30/2021	23	172,997.52	1.28838	0.000000	11	30
KY_RS	11/30/2021	24	157,589.50	1.17363	0.000000	11	30
KY_RS	12/01/2021	1	148,320.48	1.1046	0.000000	12	1
KY_RS	12/01/2021	2	145,506.68	1.08364	0.000000	12	1
KY_RS	12/01/2021	3	146,222.06	1.08897	0.000000	12	1
KY_RS	12/01/2021	4	149,051.17	1.11004	0.000000	12	1
KY_RS	12/01/2021	5	153,909.27	1.14622	0.000000	12	1
KY_RS	12/01/2021	6	163,270.18	1.21593	0.000000	12	1
KY_RS	12/01/2021	7	178,899.71	1.33233	0.000000	12	1
KY_RS	12/01/2021	8	183,313.71	1.36521	0.000000	12	1
KY_RS	12/01/2021	9	176,672.01	1.31574	0.161958	12	1
KY_RS	12/01/2021	10	172,104.12	1.28172	0.531427	12	1
KY_RS	12/01/2021	11	168,058.54	1.2516	1.047854	12	1
KY_RS	12/01/2021	12	165,941.67	1.23583	1.289604	12	1
KY_RS	12/01/2021	13	163,850.64	1.22026	1.365394	12	1
KY_RS	12/01/2021	14	157,750.77	1.17483	1.570415	12	1
KY_RS	12/01/2021	15	151,389.37	1.12745	1.271234	12	1
KY_RS	12/01/2021	16	156,120.44	1.16269	0.825643	12	1
KY_RS	12/01/2021	17	169,074.14	1.25916	0.803762	12	1
KY_RS	12/01/2021	18	188,493.57	1.40378	0.000000	12	1

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	12/01/2021	19	193,858.21	1.44374	0.000000	12	1
KY_RS	12/01/2021	20	191,499.42	1.42617	0.000000	12	1
KY_RS	12/01/2021	21	186,678.25	1.39026	0.000000	12	1
KY_RS	12/01/2021	22	176,224.36	1.31241	0.000000	12	1
KY_RS	12/01/2021	23	157,803.04	1.17522	0.000000	12	1
KY_RS	12/01/2021	24	137,233.42	1.02203	0.000000	12	1
KY_RS	12/02/2021	1	122,247.70	0.91042	0.000000	12	2
KY_RS	12/02/2021	2	114,123.11	0.84992	0.000000	12	2
KY_RS	12/02/2021	3	109,543.37	0.81581	0.000000	12	2
KY_RS	12/02/2021	4	108,148.47	0.80542	0.000000	12	2
KY_RS	12/02/2021	5	110,672.11	0.82422	0.000000	12	2
KY_RS	12/02/2021	6	120,341.19	0.89623	0.000000	12	2
KY_RS	12/02/2021	7	138,042.52	1.02805	0.000000	12	2
KY_RS	12/02/2021	8	145,671.36	1.08487	0.000000	12	2
KY_RS	12/02/2021	9	139,628.06	1.03986	0.169594	12	2
KY_RS	12/02/2021	10	130,697.13	0.97335	0.796284	12	2
KY_RS	12/02/2021	11	124,526.01	0.92739	1.329661	12	2
KY_RS	12/02/2021	12	118,661.55	0.88372	1.845980	12	2
KY_RS	12/02/2021	13	114,744.54	0.85455	1.204243	12	2
KY_RS	12/02/2021	14	111,768.79	0.83238	3.231835	12	2
KY_RS	12/02/2021	15	109,933.18	0.81871	1.611785	12	2
KY_RS	12/02/2021	16	113,078.78	0.84214	1.484337	12	2
KY_RS	12/02/2021	17	123,161.18	0.91723	0.179091	12	2
KY_RS	12/02/2021	18	146,661.51	1.09224	0.000000	12	2
KY_RS	12/02/2021	19	161,824.55	1.20517	0.000000	12	2
KY_RS	12/02/2021	20	164,028.96	1.22159	0.000000	12	2
KY_RS	12/02/2021	21	163,147.82	1.21502	0.000000	12	2
KY_RS	12/02/2021	22	155,439.12	1.15761	0.000000	12	2
KY_RS	12/02/2021	23	142,103.19	1.0583	0.000000	12	2
KY_RS	12/02/2021	24	126,622.55	0.94301	0.000000	12	2
KY_RS	12/03/2021	1	116,043.41	0.86422	0.000000	12	3
KY_RS	12/03/2021	2	111,880.61	0.83322	0.000000	12	3
KY_RS	12/03/2021	3	111,406.83	0.82969	0.000000	12	3

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	12/03/2021	4	114,864.93	0.85544	0.000000	12	3
KY_RS	12/03/2021	5	122,236.99	0.91034	0.000000	12	3
KY_RS	12/03/2021	6	135,348.28	1.00799	0.000000	12	3
KY_RS	12/03/2021	7	155,661.28	1.15927	0.000000	12	3
KY_RS	12/03/2021	8	165,471.44	1.23233	0.000000	12	3
KY_RS	12/03/2021	9	160,495.86	1.19527	0.129397	12	3
KY_RS	12/03/2021	10	148,170.16	1.10348	0.416621	12	3
KY_RS	12/03/2021	11	138,709.21	1.03302	0.654574	12	3
KY_RS	12/03/2021	12	130,524.64	0.97207	2.114881	12	3
KY_RS	12/03/2021	13	124,332.80	0.92595	2.539288	12	3
KY_RS	12/03/2021	14	118,875.86	0.88531	1.697856	12	3
KY_RS	12/03/2021	15	115,584.57	0.8608	1.279653	12	3
KY_RS	12/03/2021	16	118,347.42	0.88138	0.909822	12	3
KY_RS	12/03/2021	17	127,830.51	0.952	0.208969	12	3
KY_RS	12/03/2021	18	148,409.91	1.10526	0.000000	12	3
KY_RS	12/03/2021	19	158,746.87	1.18225	0.000000	12	3
KY_RS	12/03/2021	20	158,700.53	1.1819	0.000000	12	3
KY_RS	12/03/2021	21	158,125.48	1.17762	0.000000	12	3
KY_RS	12/03/2021	22	154,853.74	1.15325	0.000000	12	3
KY_RS	12/03/2021	23	147,865.41	1.10121	0.000000	12	3
KY_RS	12/03/2021	24	136,802.05	1.01882	0.000000	12	3
KY_RS	12/04/2021	1	127,505.26	0.94958	0.000000	12	4
KY_RS	12/04/2021	2	122,461.19	0.91201	0.000000	12	4
KY_RS	12/04/2021	3	120,561.33	0.89787	0.000000	12	4
KY_RS	12/04/2021	4	121,523.00	0.90503	0.000000	12	4
KY_RS	12/04/2021	5	125,314.34	0.93326	0.000000	12	4
KY_RS	12/04/2021	6	131,657.91	0.98051	0.000000	12	4
KY_RS	12/04/2021	7	141,600.54	1.05455	0.000000	12	4
KY_RS	12/04/2021	8	155,638.38	1.1591	0.000000	12	4
KY_RS	12/04/2021	9	168,054.92	1.25157	0.046511	12	4
KY_RS	12/04/2021	10	168,460.63	1.25459	0.357228	12	4
KY_RS	12/04/2021	11	162,679.31	1.21153	0.782320	12	4
KY_RS	12/04/2021	12	157,500.77	1.17297	0.881086	12	4

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	12/04/2021	13	152,765.88	1.1377	1.094531	12	4
KY_RS	12/04/2021	14	146,809.68	1.09335	0.713641	12	4
KY_RS	12/04/2021	15	143,349.67	1.06758	0.738261	12	4
KY_RS	12/04/2021	16	143,921.44	1.07184	0.922298	12	4
KY_RS	12/04/2021	17	151,648.69	1.12938	0.576182	12	4
KY_RS	12/04/2021	18	168,526.04	1.25508	0.000000	12	4
KY_RS	12/04/2021	19	177,618.49	1.32279	0.000000	12	4
KY_RS	12/04/2021	20	178,288.68	1.32778	0.000000	12	4
KY_RS	12/04/2021	21	181,718.78	1.35333	0.000000	12	4
KY_RS	12/04/2021	22	179,032.62	1.33332	0.000000	12	4
KY_RS	12/04/2021	23	172,512.50	1.28477	0.000000	12	4
KY_RS	12/04/2021	24	162,866.27	1.21293	0.000000	12	4
KY_RS	12/05/2021	1	152,998.95	1.13944	0.000000	12	5
KY_RS	12/05/2021	2	146,689.77	1.09245	0.000000	12	5
KY_RS	12/05/2021	3	144,224.31	1.07409	0.000000	12	5
KY_RS	12/05/2021	4	144,673.90	1.07744	0.000000	12	5
KY_RS	12/05/2021	5	147,471.93	1.09828	0.000000	12	5
KY_RS	12/05/2021	6	152,409.54	1.13505	0.000000	12	5
KY_RS	12/05/2021	7	158,861.14	1.1831	0.000000	12	5
KY_RS	12/05/2021	8	169,292.89	1.26079	0.000000	12	5
KY_RS	12/05/2021	9	182,387.71	1.35831	0.082421	12	5
KY_RS	12/05/2021	10	190,685.77	1.42011	0.170484	12	5
KY_RS	12/05/2021	11	188,132.93	1.4011	1.314245	12	5
KY_RS	12/05/2021	12	185,920.67	1.38462	0.606302	12	5
KY_RS	12/05/2021	13	183,191.30	1.36429	0.368007	12	5
KY_RS	12/05/2021	14	168,168.07	1.25241	0.262240	12	5
KY_RS	12/05/2021	15	158,238.42	1.17846	0.459898	12	5
KY_RS	12/05/2021	16	156,249.47	1.16365	0.226070	12	5
KY_RS	12/05/2021	17	166,948.78	1.24333	0.026843	12	5
KY_RS	12/05/2021	18	186,751.58	1.39081	0.000000	12	5
KY_RS	12/05/2021	19	190,452.00	1.41837	0.000000	12	5
KY_RS	12/05/2021	20	188,053.15	1.4005	0.000000	12	5
KY_RS	12/05/2021	21	180,227.00	1.34222	0.000000	12	5

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	12/05/2021	22	165,254.56	1.23071	0.000000	12	5
KY_RS	12/05/2021	23	143,887.67	1.07159	0.000000	12	5
KY_RS	12/05/2021	24	121,986.65	0.90848	0.000000	12	5
KY_RS	12/06/2021	1	105,892.46	0.78862	0.000000	12	6
KY_RS	12/06/2021	2	95,924.13	0.71438	0.000000	12	6
KY_RS	12/06/2021	3	91,268.63	0.67971	0.000000	12	6
KY_RS	12/06/2021	4	89,476.27	0.66636	0.000000	12	6
KY_RS	12/06/2021	5	92,116.52	0.68603	0.000000	12	6
KY_RS	12/06/2021	6	100,371.47	0.7475	0.000000	12	6
KY_RS	12/06/2021	7	118,580.05	0.88311	0.000000	12	6
KY_RS	12/06/2021	8	132,043.17	0.98338	0.000000	12	6
KY_RS	12/06/2021	9	135,788.90	1.01127	0.448093	12	6
KY_RS	12/06/2021	10	141,880.27	1.05664	0.094196	12	6
KY_RS	12/06/2021	11	144,079.68	1.07302	0.868142	12	6
KY_RS	12/06/2021	12	147,182.43	1.09612	1.112750	12	6
KY_RS	12/06/2021	13	156,216.27	1.1634	0.863749	12	6
KY_RS	12/06/2021	14	156,259.51	1.16372	0.298103	12	6
KY_RS	12/06/2021	15	152,022.29	1.13217	0.401206	12	6
KY_RS	12/06/2021	16	156,326.33	1.16422	0.258262	12	6
KY_RS	12/06/2021	17	175,213.16	1.30488	0.093949	12	6
KY_RS	12/06/2021	18	210,524.50	1.56786	0.000000	12	6
KY_RS	12/06/2021	19	228,633.39	1.70272	0.000000	12	6
KY_RS	12/06/2021	20	231,651.84	1.7252	0.000000	12	6
KY_RS	12/06/2021	21	230,220.99	1.71454	0.000000	12	6
KY_RS	12/06/2021	22	222,163.40	1.65453	0.000000	12	6
KY_RS	12/06/2021	23	206,697.74	1.53936	0.000000	12	6
KY_RS	12/06/2021	24	189,297.93	1.40977	0.000000	12	6
KY_RS	12/07/2021	1	179,925.75	1.33997	0.000000	12	7
KY_RS	12/07/2021	2	176,260.98	1.31268	0.000000	12	7
KY_RS	12/07/2021	3	174,208.47	1.2974	0.000000	12	7
KY_RS	12/07/2021	4	176,555.83	1.31488	0.000000	12	7
KY_RS	12/07/2021	5	183,265.98	1.36485	0.000000	12	7
KY_RS	12/07/2021	6	196,962.77	1.46686	0.000000	12	7

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	12/07/2021	7	219,462.28	1.63442	0.000000	12	7
KY_RS	12/07/2021	8	227,688.69	1.69568	0.000000	12	7
KY_RS	12/07/2021	9	222,357.13	1.65598	1.148829	12	7
KY_RS	12/07/2021	10	216,684.35	1.61373	2.790530	12	7
KY_RS	12/07/2021	11	212,468.92	1.58234	3.866529	12	7
KY_RS	12/07/2021	12	209,256.18	1.55841	4.478146	12	7
KY_RS	12/07/2021	13	208,088.64	1.54971	4.667700	12	7
KY_RS	12/07/2021	14	207,292.09	1.54378	4.454906	12	7
KY_RS	12/07/2021	15	206,027.14	1.53436	3.813215	12	7
KY_RS	12/07/2021	16	213,047.12	1.58664	2.746673	12	7
KY_RS	12/07/2021	17	229,292.11	1.70762	0.193548	12	7
KY_RS	12/07/2021	18	251,682.19	1.87437	0.000000	12	7
KY_RS	12/07/2021	19	257,789.28	1.91985	0.000000	12	7
KY_RS	12/07/2021	20	256,948.24	1.91359	0.000000	12	7
KY_RS	12/07/2021	21	253,263.58	1.88615	0.000000	12	7
KY_RS	12/07/2021	22	243,235.72	1.81147	0.000000	12	7
KY_RS	12/07/2021	23	223,775.58	1.66654	0.000000	12	7
KY_RS	12/07/2021	24	205,431.19	1.52992	0.000000	12	7
KY_RS	12/08/2021	1	194,766.11	1.4505	0.000000	12	8
KY_RS	12/08/2021	2	190,947.69	1.42206	0.000000	12	8
KY_RS	12/08/2021	3	189,127.53	1.4085	0.000000	12	8
KY_RS	12/08/2021	4	188,871.97	1.4066	0.000000	12	8
KY_RS	12/08/2021	5	192,651.59	1.43475	0.000000	12	8
KY_RS	12/08/2021	6	201,763.45	1.50261	0.000000	12	8
KY_RS	12/08/2021	7	214,200.97	1.59524	0.000000	12	8
KY_RS	12/08/2021	8	224,688.21	1.67334	0.000000	12	8
KY_RS	12/08/2021	9	224,584.64	1.67257	0.089788	12	8
KY_RS	12/08/2021	10	219,437.51	1.63423	0.973862	12	8
KY_RS	12/08/2021	11	200,567.08	1.4937	0.588120	12	8
KY_RS	12/08/2021	12	192,256.25	1.4318	0.706520	12	8
KY_RS	12/08/2021	13	183,757.85	1.36851	0.771438	12	8
KY_RS	12/08/2021	14	174,881.46	1.30241	3.751511	12	8
KY_RS	12/08/2021	15	169,318.21	1.26098	3.021225	12	8

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	12/08/2021	16	171,076.28	1.27407	1.996396	12	8
KY_RS	12/08/2021	17	186,426.91	1.38839	0.622310	12	8
KY_RS	12/08/2021	18	217,846.19	1.62238	0.000000	12	8
KY_RS	12/08/2021	19	233,980.69	1.74254	0.000000	12	8
KY_RS	12/08/2021	20	237,282.30	1.76713	0.000000	12	8
KY_RS	12/08/2021	21	237,732.60	1.77048	0.000000	12	8
KY_RS	12/08/2021	22	232,089.16	1.72846	0.000000	12	8
KY_RS	12/08/2021	23	216,838.84	1.61488	0.000000	12	8
KY_RS	12/08/2021	24	200,620.59	1.4941	0.000000	12	8
KY_RS	12/09/2021	1	190,495.20	1.41869	0.000000	12	9
KY_RS	12/09/2021	2	187,030.96	1.39289	0.000000	12	9
KY_RS	12/09/2021	3	186,348.95	1.38781	0.000000	12	9
KY_RS	12/09/2021	4	188,797.44	1.40605	0.000000	12	9
KY_RS	12/09/2021	5	193,852.88	1.4437	0.000000	12	9
KY_RS	12/09/2021	6	204,597.49	1.52371	0.000000	12	9
KY_RS	12/09/2021	7	220,790.84	1.64431	0.000000	12	9
KY_RS	12/09/2021	8	225,017.56	1.67579	0.000000	12	9
KY_RS	12/09/2021	9	218,241.59	1.62533	0.841519	12	9
KY_RS	12/09/2021	10	210,671.57	1.56895	0.217827	12	9
KY_RS	12/09/2021	11	200,977.82	1.49676	0.467461	12	9
KY_RS	12/09/2021	12	183,014.11	1.36297	0.535504	12	9
KY_RS	12/09/2021	13	173,648.30	1.29322	0.838368	12	9
KY_RS	12/09/2021	14	159,617.26	1.18873	0.903709	12	9
KY_RS	12/09/2021	15	154,341.61	1.14944	0.473759	12	9
KY_RS	12/09/2021	16	157,431.74	1.17245	0.265342	12	9
KY_RS	12/09/2021	17	164,313.97	1.22371	0.848223	12	9
KY_RS	12/09/2021	18	189,942.83	1.41458	0.000000	12	9
KY_RS	12/09/2021	19	197,127.11	1.46808	0.000000	12	9
KY_RS	12/09/2021	20	194,205.96	1.44632	0.000000	12	9
KY_RS	12/09/2021	21	189,459.85	1.41098	0.000000	12	9
KY_RS	12/09/2021	22	178,017.24	1.32576	0.000000	12	9
KY_RS	12/09/2021	23	158,688.17	1.18181	0.000000	12	9
KY_RS	12/09/2021	24	138,561.34	1.03192	0.000000	12	9

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	12/10/2021	1	124,893.43	0.93013	0.000000	12	10
KY_RS	12/10/2021	2	118,997.29	0.88622	0.000000	12	10
KY_RS	12/10/2021	3	117,075.31	0.8719	0.000000	12	10
KY_RS	12/10/2021	4	117,175.91	0.87265	0.000000	12	10
KY_RS	12/10/2021	5	119,150.79	0.88736	0.000000	12	10
KY_RS	12/10/2021	6	127,059.27	0.94626	0.000000	12	10
KY_RS	12/10/2021	7	142,892.58	1.06417	0.000000	12	10
KY_RS	12/10/2021	8	149,492.47	1.11333	0.000000	12	10
KY_RS	12/10/2021	9	146,330.22	1.08978	0.798149	12	10
KY_RS	12/10/2021	10	143,535.59	1.06896	2.627070	12	10
KY_RS	12/10/2021	11	140,270.99	1.04465	3.864350	12	10
KY_RS	12/10/2021	12	137,857.78	1.02668	4.555617	12	10
KY_RS	12/10/2021	13	136,264.06	1.01481	4.761564	12	10
KY_RS	12/10/2021	14	134,529.21	1.00189	4.558518	12	10
KY_RS	12/10/2021	15	133,237.59	0.99227	3.900027	12	10
KY_RS	12/10/2021	16	138,760.58	1.0334	2.762704	12	10
KY_RS	12/10/2021	17	150,318.84	1.11948	1.038774	12	10
KY_RS	12/10/2021	18	167,512.23	1.24753	0.000000	12	10
KY_RS	12/10/2021	19	168,869.40	1.25763	0.000000	12	10
KY_RS	12/10/2021	20	164,019.12	1.22151	0.000000	12	10
KY_RS	12/10/2021	21	158,986.88	1.18404	0.000000	12	10
KY_RS	12/10/2021	22	151,301.25	1.1268	0.000000	12	10
KY_RS	12/10/2021	23	139,302.59	1.03744	0.000000	12	10
KY_RS	12/10/2021	24	123,752.32	0.92163	0.000000	12	10
KY_RS	12/11/2021	1	108,943.88	0.81135	0.000000	12	11
KY_RS	12/11/2021	2	97,961.66	0.72956	0.000000	12	11
KY_RS	12/11/2021	3	91,215.37	0.67932	0.000000	12	11
KY_RS	12/11/2021	4	87,452.77	0.65129	0.000000	12	11
KY_RS	12/11/2021	5	85,860.95	0.63944	0.000000	12	11
KY_RS	12/11/2021	6	87,397.11	0.65088	0.000000	12	11
KY_RS	12/11/2021	7	92,520.54	0.68904	0.000000	12	11
KY_RS	12/11/2021	8	102,550.19	0.76373	0.000000	12	11
KY_RS	12/11/2021	9	117,936.39	0.87832	0.964069	12	11

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	12/11/2021	10	130,686.60	0.97327	2.604471	12	11
KY_RS	12/11/2021	11	140,608.01	1.04716	3.704649	12	11
KY_RS	12/11/2021	12	149,669.13	1.11464	4.325595	12	11
KY_RS	12/11/2021	13	152,624.67	1.13665	4.541407	12	11
KY_RS	12/11/2021	14	159,721.17	1.1895	4.360251	12	11
KY_RS	12/11/2021	15	163,794.07	1.21984	3.699964	12	11
KY_RS	12/11/2021	16	173,740.23	1.29391	2.505903	12	11
KY_RS	12/11/2021	17	187,129.69	1.39363	0.167869	12	11
KY_RS	12/11/2021	18	201,524.97	1.50083	0.000000	12	11
KY_RS	12/11/2021	19	203,576.58	1.51611	0.000000	12	11
KY_RS	12/11/2021	20	201,136.55	1.49794	0.000000	12	11
KY_RS	12/11/2021	21	200,674.36	1.4945	0.000000	12	11
KY_RS	12/11/2021	22	198,229.45	1.47629	0.000000	12	11
KY_RS	12/11/2021	23	192,599.88	1.43436	0.000000	12	11
KY_RS	12/11/2021	24	182,628.35	1.3601	0.000000	12	11
KY_RS	12/12/2021	1	173,523.70	1.2923	0.000000	12	12
KY_RS	12/12/2021	2	167,818.94	1.24981	0.000000	12	12
KY_RS	12/12/2021	3	165,569.65	1.23306	0.000000	12	12
KY_RS	12/12/2021	4	166,328.81	1.23871	0.000000	12	12
KY_RS	12/12/2021	5	169,128.55	1.25956	0.000000	12	12
KY_RS	12/12/2021	6	175,182.51	1.30465	0.000000	12	12
KY_RS	12/12/2021	7	182,224.37	1.35709	0.000000	12	12
KY_RS	12/12/2021	8	195,094.10	1.45294	0.000000	12	12
KY_RS	12/12/2021	9	207,352.21	1.54423	1.123769	12	12
KY_RS	12/12/2021	10	204,685.05	1.52437	2.852637	12	12
KY_RS	12/12/2021	11	197,461.92	1.47057	3.929053	12	12
KY_RS	12/12/2021	12	190,174.38	1.4163	3.388282	12	12
KY_RS	12/12/2021	13	183,872.63	1.36937	4.707926	12	12
KY_RS	12/12/2021	14	176,339.54	1.31327	4.446892	12	12
KY_RS	12/12/2021	15	170,369.51	1.26881	3.814756	12	12
KY_RS	12/12/2021	16	169,492.77	1.26228	2.718091	12	12
KY_RS	12/12/2021	17	178,052.62	1.32602	1.080381	12	12
KY_RS	12/12/2021	18	202,660.30	1.50929	0.000000	12	12

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	12/12/2021	19	219,755.73	1.6366	0.000000	12	12
KY_RS	12/12/2021	20	221,007.22	1.64592	0.000000	12	12
KY_RS	12/12/2021	21	225,717.64	1.681	0.000000	12	12
KY_RS	12/12/2021	22	216,677.78	1.61368	0.000000	12	12
KY_RS	12/12/2021	23	199,901.36	1.48874	0.000000	12	12
KY_RS	12/12/2021	24	180,725.74	1.34593	0.000000	12	12
KY_RS	12/13/2021	1	167,669.64	1.2487	0.000000	12	13
KY_RS	12/13/2021	2	161,308.95	1.20133	0.000000	12	13
KY_RS	12/13/2021	3	159,623.00	1.18877	0.000000	12	13
KY_RS	12/13/2021	4	162,304.50	1.20874	0.000000	12	13
KY_RS	12/13/2021	5	168,292.81	1.25334	0.000000	12	13
KY_RS	12/13/2021	6	181,203.60	1.34949	0.000000	12	13
KY_RS	12/13/2021	7	201,680.71	1.50199	0.000000	12	13
KY_RS	12/13/2021	8	211,450.69	1.57475	0.000000	12	13
KY_RS	12/13/2021	9	202,231.49	1.50609	0.526797	12	13
KY_RS	12/13/2021	10	185,244.86	1.37959	2.525665	12	13
KY_RS	12/13/2021	11	171,011.71	1.27359	3.644710	12	13
KY_RS	12/13/2021	12	161,393.65	1.20196	4.273977	12	13
KY_RS	12/13/2021	13	152,848.73	1.13832	4.472717	12	13
KY_RS	12/13/2021	14	145,005.64	1.07991	4.314551	12	13
KY_RS	12/13/2021	15	138,489.27	1.03138	2.730016	12	13
KY_RS	12/13/2021	16	140,524.82	1.04654	0.893883	12	13
KY_RS	12/13/2021	17	154,031.09	1.14713	0.673550	12	13
KY_RS	12/13/2021	18	185,008.93	1.37783	0.000000	12	13
KY_RS	12/13/2021	19	205,708.55	1.53199	0.000000	12	13
KY_RS	12/13/2021	20	209,780.20	1.56231	0.000000	12	13
KY_RS	12/13/2021	21	209,231.78	1.55823	0.000000	12	13
KY_RS	12/13/2021	22	201,213.28	1.49851	0.000000	12	13
KY_RS	12/13/2021	23	185,502.00	1.3815	0.000000	12	13
KY_RS	12/13/2021	24	168,393.47	1.25409	0.000000	12	13
KY_RS	12/14/2021	1	157,137.76	1.17026	0.000000	12	14
KY_RS	12/14/2021	2	152,333.13	1.13448	0.000000	12	14
KY_RS	12/14/2021	3	151,747.63	1.13012	0.000000	12	14

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	12/14/2021	4	153,733.13	1.14491	0.000000	12	14
KY_RS	12/14/2021	5	160,403.42	1.19458	0.000000	12	14
KY_RS	12/14/2021	6	173,852.26	1.29474	0.000000	12	14
KY_RS	12/14/2021	7	194,035.75	1.44506	0.000000	12	14
KY_RS	12/14/2021	8	203,389.97	1.51472	0.000000	12	14
KY_RS	12/14/2021	9	195,556.10	1.45638	0.000559	12	14
KY_RS	12/14/2021	10	177,625.03	1.32284	0.375056	12	14
KY_RS	12/14/2021	11	160,941.03	1.19859	0.000000	12	14
KY_RS	12/14/2021	12	148,004.52	1.10225	0.008273	12	14
KY_RS	12/14/2021	13	138,882.04	1.03431	0.046624	12	14
KY_RS	12/14/2021	14	130,715.06	0.97348	0.057875	12	14
KY_RS	12/14/2021	15	125,908.23	0.93769	0.047008	12	14
KY_RS	12/14/2021	16	130,833.76	0.97437	1.943339	12	14
KY_RS	12/14/2021	17	146,127.29	1.08826	0.607244	12	14
KY_RS	12/14/2021	18	172,193.83	1.28239	0.000000	12	14
KY_RS	12/14/2021	19	185,764.25	1.38346	0.000000	12	14
KY_RS	12/14/2021	20	186,392.41	1.38813	0.000000	12	14
KY_RS	12/14/2021	21	184,499.63	1.37404	0.000000	12	14
KY_RS	12/14/2021	22	174,486.24	1.29946	0.000000	12	14
KY_RS	12/14/2021	23	157,881.25	1.1758	0.000000	12	14
KY_RS	12/14/2021	24	139,431.67	1.0384	0.000000	12	14
KY_RS	12/15/2021	1	126,098.08	0.9391	0.000000	12	15
KY_RS	12/15/2021	2	118,562.13	0.88298	0.000000	12	15
KY_RS	12/15/2021	3	115,055.49	0.85686	0.000000	12	15
KY_RS	12/15/2021	4	113,756.62	0.84719	0.000000	12	15
KY_RS	12/15/2021	5	115,618.57	0.86105	0.000000	12	15
KY_RS	12/15/2021	6	124,659.64	0.92839	0.000000	12	15
KY_RS	12/15/2021	7	141,283.59	1.05219	0.000000	12	15
KY_RS	12/15/2021	8	148,610.04	1.10675	0.000000	12	15
KY_RS	12/15/2021	9	142,867.29	1.06399	0.042101	12	15
KY_RS	12/15/2021	10	137,833.79	1.0265	0.250854	12	15
KY_RS	12/15/2021	11	129,952.24	0.9678	0.292393	12	15
KY_RS	12/15/2021	12	125,807.41	0.93694	0.458023	12	15

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	12/15/2021	13	124,569.21	0.92771	1.220525	12	15
KY_RS	12/15/2021	14	120,935.03	0.90065	4.162163	12	15
KY_RS	12/15/2021	15	117,666.71	0.87631	3.575386	12	15
KY_RS	12/15/2021	16	121,161.78	0.90234	0.871400	12	15
KY_RS	12/15/2021	17	132,730.01	0.98849	0.951069	12	15
KY_RS	12/15/2021	18	157,964.61	1.17642	0.000000	12	15
KY_RS	12/15/2021	19	171,030.33	1.27373	0.000000	12	15
KY_RS	12/15/2021	20	173,226.15	1.29008	0.000000	12	15
KY_RS	12/15/2021	21	171,726.18	1.27891	0.000000	12	15
KY_RS	12/15/2021	22	163,270.00	1.21593	0.000000	12	15
KY_RS	12/15/2021	23	147,081.93	1.09537	0.000000	12	15
KY_RS	12/15/2021	24	127,467.20	0.9493	0.000000	12	15
KY_RS	12/16/2021	1	113,060.17	0.842	0.000000	12	16
KY_RS	12/16/2021	2	104,168.16	0.77578	0.000000	12	16
KY_RS	12/16/2021	3	100,567.24	0.74896	0.000000	12	16
KY_RS	12/16/2021	4	98,996.89	0.73727	0.000000	12	16
KY_RS	12/16/2021	5	99,807.47	0.7433	0.000000	12	16
KY_RS	12/16/2021	6	107,426.50	0.80005	0.000000	12	16
KY_RS	12/16/2021	7	123,232.41	0.91776	0.000000	12	16
KY_RS	12/16/2021	8	130,190.72	0.96958	0.000000	12	16
KY_RS	12/16/2021	9	125,256.19	0.93283	0.032086	12	16
KY_RS	12/16/2021	10	124,258.13	0.9254	0.152704	12	16
KY_RS	12/16/2021	11	122,957.73	0.91571	1.066494	12	16
KY_RS	12/16/2021	12	123,091.05	0.91671	1.573160	12	16
KY_RS	12/16/2021	13	122,294.41	0.91077	0.937614	12	16
KY_RS	12/16/2021	14	121,521.24	0.90501	1.319503	12	16
KY_RS	12/16/2021	15	121,140.56	0.90218	0.880686	12	16
KY_RS	12/16/2021	16	129,495.33	0.9644	2.253597	12	16
KY_RS	12/16/2021	17	143,037.36	1.06525	0.794904	12	16
KY_RS	12/16/2021	18	163,670.96	1.21892	0.000000	12	16
KY_RS	12/16/2021	19	172,459.02	1.28437	0.000000	12	16
KY_RS	12/16/2021	20	174,357.03	1.2985	0.000000	12	16
KY_RS	12/16/2021	21	174,340.62	1.29838	0.000000	12	16

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	12/16/2021	22	167,600.16	1.24818	0.000000	12	16
KY_RS	12/16/2021	23	154,645.32	1.1517	0.000000	12	16
KY_RS	12/16/2021	24	138,278.40	1.02981	0.000000	12	16
KY_RS	12/17/2021	1	128,368.18	0.95601	0.000000	12	17
KY_RS	12/17/2021	2	124,778.35	0.92927	0.000000	12	17
KY_RS	12/17/2021	3	125,450.98	0.93428	0.000000	12	17
KY_RS	12/17/2021	4	129,742.11	0.96624	0.000000	12	17
KY_RS	12/17/2021	5	137,634.24	1.02501	0.000000	12	17
KY_RS	12/17/2021	6	151,155.97	1.12572	0.000000	12	17
KY_RS	12/17/2021	7	171,887.99	1.28011	0.000000	12	17
KY_RS	12/17/2021	8	183,817.21	1.36896	0.000000	12	17
KY_RS	12/17/2021	9	181,942.84	1.355	0.127692	12	17
KY_RS	12/17/2021	10	173,865.11	1.29484	0.658048	12	17
KY_RS	12/17/2021	11	165,720.84	1.23419	1.072111	12	17
KY_RS	12/17/2021	12	158,735.92	1.18217	1.328141	12	17
KY_RS	12/17/2021	13	160,115.00	1.19244	3.393526	12	17
KY_RS	12/17/2021	14	155,049.27	1.15471	3.317459	12	17
KY_RS	12/17/2021	15	156,394.01	1.16473	1.633696	12	17
KY_RS	12/17/2021	16	166,059.89	1.23671	1.754749	12	17
KY_RS	12/17/2021	17	181,415.54	1.35107	0.887956	12	17
KY_RS	12/17/2021	18	199,498.38	1.48574	0.000000	12	17
KY_RS	12/17/2021	19	203,433.55	1.51505	0.000000	12	17
KY_RS	12/17/2021	20	199,907.91	1.48879	0.000000	12	17
KY_RS	12/17/2021	21	196,868.25	1.46615	0.000000	12	17
KY_RS	12/17/2021	22	188,982.01	1.40742	0.000000	12	17
KY_RS	12/17/2021	23	176,388.42	1.31363	0.000000	12	17
KY_RS	12/17/2021	24	161,940.08	1.20603	0.000000	12	17
KY_RS	12/18/2021	1	147,782.50	1.10059	0.000000	12	18
KY_RS	12/18/2021	2	136,622.06	1.01748	0.000000	12	18
KY_RS	12/18/2021	3	129,769.55	0.96644	0.000000	12	18
KY_RS	12/18/2021	4	126,510.54	0.94217	0.000000	12	18
KY_RS	12/18/2021	5	125,755.30	0.93655	0.000000	12	18
KY_RS	12/18/2021	6	127,535.93	0.94981	0.000000	12	18

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	12/18/2021	7	131,898.34	0.9823	0.000000	12	18
KY_RS	12/18/2021	8	139,141.35	1.03624	0.000000	12	18
KY_RS	12/18/2021	9	150,863.50	1.12354	0.878266	12	18
KY_RS	12/18/2021	10	159,596.29	1.18857	2.527728	12	18
KY_RS	12/18/2021	11	163,452.00	1.21729	3.530098	12	18
KY_RS	12/18/2021	12	164,500.95	1.2251	4.156596	12	18
KY_RS	12/18/2021	13	161,554.20	1.20315	4.334430	12	18
KY_RS	12/18/2021	14	160,274.91	1.19363	4.182340	12	18
KY_RS	12/18/2021	15	161,855.16	1.2054	3.611152	12	18
KY_RS	12/18/2021	16	166,620.52	1.24089	2.605242	12	18
KY_RS	12/18/2021	17	176,592.21	1.31515	1.098949	12	18
KY_RS	12/18/2021	18	191,324.86	1.42487	0.000000	12	18
KY_RS	12/18/2021	19	195,944.36	1.45927	0.000000	12	18
KY_RS	12/18/2021	20	195,204.22	1.45376	0.000000	12	18
KY_RS	12/18/2021	21	194,178.48	1.44612	0.000000	12	18
KY_RS	12/18/2021	22	191,759.57	1.42811	0.000000	12	18
KY_RS	12/18/2021	23	184,803.73	1.3763	0.000000	12	18
KY_RS	12/18/2021	24	172,807.69	1.28696	0.000000	12	18
KY_RS	12/19/2021	1	161,289.80	1.20119	0.000000	12	19
KY_RS	12/19/2021	2	154,128.24	1.14785	0.000000	12	19
KY_RS	12/19/2021	3	151,415.42	1.12765	0.000000	12	19
KY_RS	12/19/2021	4	150,554.31	1.12123	0.000000	12	19
KY_RS	12/19/2021	5	152,421.15	1.13514	0.000000	12	19
KY_RS	12/19/2021	6	157,466.41	1.17271	0.000000	12	19
KY_RS	12/19/2021	7	164,494.17	1.22505	0.000000	12	19
KY_RS	12/19/2021	8	177,061.54	1.31864	0.000000	12	19
KY_RS	12/19/2021	9	193,280.20	1.43943	0.270845	12	19
KY_RS	12/19/2021	10	206,632.89	1.53887	1.292598	12	19
KY_RS	12/19/2021	11	212,752.46	1.58445	1.952859	12	19
KY_RS	12/19/2021	12	209,673.53	1.56152	2.441156	12	19
KY_RS	12/19/2021	13	203,240.05	1.51361	2.132148	12	19
KY_RS	12/19/2021	14	198,915.98	1.4814	2.903196	12	19
KY_RS	12/19/2021	15	198,713.42	1.47989	1.826019	12	19

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	12/19/2021	16	204,041.60	1.51957	0.791196	12	19
KY_RS	12/19/2021	17	210,723.71	1.56934	0.198220	12	19
KY_RS	12/19/2021	18	225,047.86	1.67602	0.000000	12	19
KY_RS	12/19/2021	19	231,416.33	1.72344	0.000000	12	19
KY_RS	12/19/2021	20	232,466.63	1.73127	0.000000	12	19
KY_RS	12/19/2021	21	232,528.77	1.73173	0.000000	12	19
KY_RS	12/19/2021	22	225,201.19	1.67716	0.000000	12	19
KY_RS	12/19/2021	23	212,790.43	1.58473	0.000000	12	19
KY_RS	12/19/2021	24	198,287.38	1.47672	0.000000	12	19
KY_RS	12/20/2021	1	188,926.28	1.40701	0.000000	12	20
KY_RS	12/20/2021	2	183,909.52	1.36964	0.000000	12	20
KY_RS	12/20/2021	3	184,233.70	1.37206	0.000000	12	20
KY_RS	12/20/2021	4	186,624.14	1.38986	0.000000	12	20
KY_RS	12/20/2021	5	192,732.36	1.43535	0.000000	12	20
KY_RS	12/20/2021	6	203,556.87	1.51596	0.000000	12	20
KY_RS	12/20/2021	7	218,861.44	1.62994	0.000000	12	20
KY_RS	12/20/2021	8	230,048.47	1.71326	0.000000	12	20
KY_RS	12/20/2021	9	228,884.78	1.70459	0.000000	12	20
KY_RS	12/20/2021	10	215,060.80	1.60164	0.426170	12	20
KY_RS	12/20/2021	11	200,100.03	1.49022	0.216342	12	20
KY_RS	12/20/2021	12	188,235.24	1.40186	0.218887	12	20
KY_RS	12/20/2021	13	177,952.36	1.32528	0.096697	12	20
KY_RS	12/20/2021	14	168,390.01	1.25406	0.503675	12	20
KY_RS	12/20/2021	15	161,687.60	1.20415	0.423035	12	20
KY_RS	12/20/2021	16	161,663.60	1.20397	0.096815	12	20
KY_RS	12/20/2021	17	172,165.21	1.28218	0.065957	12	20
KY_RS	12/20/2021	18	203,348.81	1.51442	0.000000	12	20
KY_RS	12/20/2021	19	223,213.13	1.66235	0.000000	12	20
KY_RS	12/20/2021	20	227,769.91	1.69629	0.000000	12	20
KY_RS	12/20/2021	21	229,510.08	1.70925	0.000000	12	20
KY_RS	12/20/2021	22	224,058.85	1.66865	0.000000	12	20
KY_RS	12/20/2021	23	211,767.14	1.57711	0.000000	12	20
KY_RS	12/20/2021	24	197,235.25	1.46889	0.000000	12	20

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	12/21/2021	1	187,469.45	1.39616	0.000000	12	21
KY_RS	12/21/2021	2	183,061.41	1.36333	0.000000	12	21
KY_RS	12/21/2021	3	181,418.85	1.35109	0.000000	12	21
KY_RS	12/21/2021	4	183,245.83	1.3647	0.000000	12	21
KY_RS	12/21/2021	5	187,705.70	1.39791	0.000000	12	21
KY_RS	12/21/2021	6	197,374.93	1.46993	0.000000	12	21
KY_RS	12/21/2021	7	210,966.98	1.57115	0.000000	12	21
KY_RS	12/21/2021	8	223,081.94	1.66138	0.000000	12	21
KY_RS	12/21/2021	9	225,582.41	1.68	0.000000	12	21
KY_RS	12/21/2021	10	216,061.25	1.60909	0.016193	12	21
KY_RS	12/21/2021	11	205,506.73	1.53049	0.042099	12	21
KY_RS	12/21/2021	12	196,051.33	1.46007	0.153092	12	21
KY_RS	12/21/2021	13	180,558.58	1.34469	0.152700	12	21
KY_RS	12/21/2021	14	169,233.58	1.26035	0.363977	12	21
KY_RS	12/21/2021	15	161,583.21	1.20337	0.327003	12	21
KY_RS	12/21/2021	16	161,015.39	1.19914	0.466879	12	21
KY_RS	12/21/2021	17	172,065.83	1.28144	0.244983	12	21
KY_RS	12/21/2021	18	201,097.30	1.49765	0.000000	12	21
KY_RS	12/21/2021	19	218,035.27	1.62379	0.000000	12	21
KY_RS	12/21/2021	20	220,777.59	1.64421	0.000000	12	21
KY_RS	12/21/2021	21	219,080.12	1.63157	0.000000	12	21
KY_RS	12/21/2021	22	213,589.64	1.59068	0.000000	12	21
KY_RS	12/21/2021	23	199,787.42	1.48789	0.000000	12	21
KY_RS	12/21/2021	24	182,658.39	1.36033	0.000000	12	21
KY_RS	12/22/2021	1	169,216.62	1.26022	0.000000	12	22
KY_RS	12/22/2021	2	162,809.08	1.2125	0.000000	12	22
KY_RS	12/22/2021	3	161,945.60	1.20607	0.000000	12	22
KY_RS	12/22/2021	4	164,186.72	1.22276	0.000000	12	22
KY_RS	12/22/2021	5	169,646.06	1.26342	0.000000	12	22
KY_RS	12/22/2021	6	180,539.09	1.34454	0.000000	12	22
KY_RS	12/22/2021	7	194,430.49	1.448	0.000000	12	22
KY_RS	12/22/2021	8	207,035.29	1.54187	0.000000	12	22
KY_RS	12/22/2021	9	211,419.54	1.57452	0.121891	12	22

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	12/22/2021	10	204,993.26	1.52666	2.230801	12	22
KY_RS	12/22/2021	11	196,645.14	1.46449	1.446935	12	22
KY_RS	12/22/2021	12	190,370.49	1.41776	2.498651	12	22
KY_RS	12/22/2021	13	184,834.50	1.37653	2.038487	12	22
KY_RS	12/22/2021	14	178,397.90	1.3286	0.901118	12	22
KY_RS	12/22/2021	15	175,592.79	1.30771	1.330324	12	22
KY_RS	12/22/2021	16	179,462.73	1.33653	1.769770	12	22
KY_RS	12/22/2021	17	192,635.65	1.43463	0.717833	12	22
KY_RS	12/22/2021	18	221,730.64	1.65131	0.000000	12	22
KY_RS	12/22/2021	19	238,353.32	1.77511	0.000000	12	22
KY_RS	12/22/2021	20	241,900.26	1.80152	0.000000	12	22
KY_RS	12/22/2021	21	243,300.52	1.81195	0.000000	12	22
KY_RS	12/22/2021	22	239,553.88	1.78405	0.000000	12	22
KY_RS	12/22/2021	23	228,024.94	1.69819	0.000000	12	22
KY_RS	12/22/2021	24	213,341.31	1.58883	0.000000	12	22
KY_RS	12/23/2021	1	202,093.57	1.50507	0.000000	12	23
KY_RS	12/23/2021	2	196,278.37	1.46176	0.000000	12	23
KY_RS	12/23/2021	3	194,355.75	1.44744	0.000000	12	23
KY_RS	12/23/2021	4	194,159.83	1.44598	0.000000	12	23
KY_RS	12/23/2021	5	199,234.56	1.48377	0.000000	12	23
KY_RS	12/23/2021	6	208,012.03	1.54914	0.000000	12	23
KY_RS	12/23/2021	7	219,154.23	1.63212	0.000000	12	23
KY_RS	12/23/2021	8	230,000.96	1.7129	0.000000	12	23
KY_RS	12/23/2021	9	232,969.51	1.73501	0.100590	12	23
KY_RS	12/23/2021	10	224,591.07	1.67261	0.778457	12	23
KY_RS	12/23/2021	11	211,020.72	1.57155	1.292449	12	23
KY_RS	12/23/2021	12	199,738.47	1.48753	1.651803	12	23
KY_RS	12/23/2021	13	188,014.46	1.40021	1.766108	12	23
KY_RS	12/23/2021	14	176,341.80	1.31328	1.692095	12	23
KY_RS	12/23/2021	15	175,505.82	1.30706	0.827865	12	23
KY_RS	12/23/2021	16	182,583.71	1.35977	0.787232	12	23
KY_RS	12/23/2021	17	188,172.41	1.40139	1.228329	12	23
KY_RS	12/23/2021	18	202,379.88	1.5072	0.000000	12	23

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	12/23/2021	19	206,573.86	1.53843	0.000000	12	23
KY_RS	12/23/2021	20	203,296.87	1.51403	0.000000	12	23
KY_RS	12/23/2021	21	198,416.54	1.47768	0.000000	12	23
KY_RS	12/23/2021	22	190,584.67	1.41936	0.000000	12	23
KY_RS	12/23/2021	23	177,772.93	1.32394	0.000000	12	23
KY_RS	12/23/2021	24	159,982.22	1.19145	0.000000	12	23
KY_RS	12/24/2021	1	143,931.77	1.07191	0.000000	12	24
KY_RS	12/24/2021	2	133,177.67	0.99182	0.000000	12	24
KY_RS	12/24/2021	3	126,533.06	0.94234	0.000000	12	24
KY_RS	12/24/2021	4	124,018.99	0.92362	0.000000	12	24
KY_RS	12/24/2021	5	125,500.56	0.93465	0.000000	12	24
KY_RS	12/24/2021	6	131,043.23	0.97593	0.000000	12	24
KY_RS	12/24/2021	7	138,043.30	1.02806	0.000000	12	24
KY_RS	12/24/2021	8	148,266.92	1.1042	0.000000	12	24
KY_RS	12/24/2021	9	163,491.85	1.21759	0.863484	12	24
KY_RS	12/24/2021	10	176,041.64	1.31105	2.688139	12	24
KY_RS	12/24/2021	11	181,590.78	1.35237	2.506405	12	24
KY_RS	12/24/2021	12	185,029.21	1.37798	4.582081	12	24
KY_RS	12/24/2021	13	185,076.29	1.37833	4.807253	12	24
KY_RS	12/24/2021	14	182,906.38	1.36217	4.629993	12	24
KY_RS	12/24/2021	15	182,137.37	1.35645	4.017008	12	24
KY_RS	12/24/2021	16	179,262.75	1.33504	2.948775	12	24
KY_RS	12/24/2021	17	177,162.77	1.3194	1.328700	12	24
KY_RS	12/24/2021	18	178,362.30	1.32833	0.000000	12	24
KY_RS	12/24/2021	19	173,356.38	1.29105	0.000000	12	24
KY_RS	12/24/2021	20	166,711.39	1.24156	0.000000	12	24
KY_RS	12/24/2021	21	162,123.15	1.20739	0.000000	12	24
KY_RS	12/24/2021	22	157,026.93	1.16944	0.000000	12	24
KY_RS	12/24/2021	23	148,501.97	1.10595	0.000000	12	24
KY_RS	12/24/2021	24	135,386.00	1.00827	0.000000	12	24
KY_RS	12/25/2021	1	119,614.77	0.89082	0.000000	12	25
KY_RS	12/25/2021	2	107,098.22	0.7976	0.000000	12	25
KY_RS	12/25/2021	3	98,778.50	0.73564	0.000000	12	25

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	12/25/2021	4	93,801.28	0.69857	0.000000	12	25
KY_RS	12/25/2021	5	91,817.29	0.6838	0.000000	12	25
KY_RS	12/25/2021	6	93,174.20	0.6939	0.000000	12	25
KY_RS	12/25/2021	7	99,034.89	0.73755	0.000000	12	25
KY_RS	12/25/2021	8	112,236.06	0.83586	0.000000	12	25
KY_RS	12/25/2021	9	132,912.42	0.98985	0.048503	12	25
KY_RS	12/25/2021	10	150,748.40	1.12268	1.702541	12	25
KY_RS	12/25/2021	11	161,221.34	1.20068	1.984631	12	25
KY_RS	12/25/2021	12	163,890.52	1.22055	3.076135	12	25
KY_RS	12/25/2021	13	164,419.14	1.22449	3.316763	12	25
KY_RS	12/25/2021	14	159,946.64	1.19118	2.238283	12	25
KY_RS	12/25/2021	15	154,954.19	1.154	0.410246	12	25
KY_RS	12/25/2021	16	151,551.02	1.12866	0.093686	12	25
KY_RS	12/25/2021	17	150,799.72	1.12306	0.034562	12	25
KY_RS	12/25/2021	18	155,081.48	1.15495	0.000000	12	25
KY_RS	12/25/2021	19	154,986.39	1.15424	0.000000	12	25
KY_RS	12/25/2021	20	151,654.80	1.12943	0.000000	12	25
KY_RS	12/25/2021	21	150,142.77	1.11817	0.000000	12	25
KY_RS	12/25/2021	22	145,443.16	1.08317	0.000000	12	25
KY_RS	12/25/2021	23	136,920.26	1.0197	0.000000	12	25
KY_RS	12/25/2021	24	123,768.43	0.92175	0.000000	12	25
KY_RS	12/26/2021	1	110,474.11	0.82274	0.000000	12	26
KY_RS	12/26/2021	2	101,098.38	0.75292	0.000000	12	26
KY_RS	12/26/2021	3	96,039.43	0.71524	0.000000	12	26
KY_RS	12/26/2021	4	94,185.05	0.70143	0.000000	12	26
KY_RS	12/26/2021	5	94,349.83	0.70266	0.000000	12	26
KY_RS	12/26/2021	6	98,328.16	0.73229	0.000000	12	26
KY_RS	12/26/2021	7	104,003.50	0.77455	0.000000	12	26
KY_RS	12/26/2021	8	114,004.04	0.84903	0.000000	12	26
KY_RS	12/26/2021	9	130,279.92	0.97024	0.687908	12	26
KY_RS	12/26/2021	10	146,335.31	1.08981	2.436925	12	26
KY_RS	12/26/2021	11	152,767.04	1.13771	3.592389	12	26
KY_RS	12/26/2021	12	152,293.75	1.13419	4.207441	12	26

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	12/26/2021	13	151,741.85	1.13008	4.423149	12	26
KY_RS	12/26/2021	14	147,267.10	1.09675	4.250219	12	26
KY_RS	12/26/2021	15	144,688.37	1.07755	3.713078	12	26
KY_RS	12/26/2021	16	142,847.98	1.06384	2.757105	12	26
KY_RS	12/26/2021	17	150,003.42	1.11713	1.272645	12	26
KY_RS	12/26/2021	18	167,058.42	1.24415	0.000000	12	26
KY_RS	12/26/2021	19	176,366.69	1.31347	0.000000	12	26
KY_RS	12/26/2021	20	176,092.20	1.31142	0.000000	12	26
KY_RS	12/26/2021	21	172,912.61	1.28775	0.000000	12	26
KY_RS	12/26/2021	22	164,928.85	1.22829	0.000000	12	26
KY_RS	12/26/2021	23	152,416.60	1.1351	0.000000	12	26
KY_RS	12/26/2021	24	136,221.83	1.0145	0.000000	12	26
KY_RS	12/27/2021	1	122,516.36	0.91243	0.000000	12	27
KY_RS	12/27/2021	2	113,119.58	0.84244	0.000000	12	27
KY_RS	12/27/2021	3	107,914.16	0.80368	0.000000	12	27
KY_RS	12/27/2021	4	104,094.81	0.77523	0.000000	12	27
KY_RS	12/27/2021	5	103,829.50	0.77326	0.000000	12	27
KY_RS	12/27/2021	6	106,429.94	0.79262	0.000000	12	27
KY_RS	12/27/2021	7	110,854.20	0.82557	0.000000	12	27
KY_RS	12/27/2021	8	116,492.37	0.86756	0.000000	12	27
KY_RS	12/27/2021	9	122,002.69	0.9086	0.691319	12	27
KY_RS	12/27/2021	10	127,389.86	0.94872	2.336060	12	27
KY_RS	12/27/2021	11	132,575.32	0.98734	3.467902	12	27
KY_RS	12/27/2021	12	134,008.59	0.99801	4.102289	12	27
KY_RS	12/27/2021	13	133,819.74	0.99661	4.307204	12	27
KY_RS	12/27/2021	14	131,243.16	0.97742	4.148781	12	27
KY_RS	12/27/2021	15	129,114.73	0.96157	3.653155	12	27
KY_RS	12/27/2021	16	129,554.92	0.96484	2.717771	12	27
KY_RS	12/27/2021	17	134,807.29	1.00396	1.248715	12	27
KY_RS	12/27/2021	18	153,342.45	1.142	0.000000	12	27
KY_RS	12/27/2021	19	165,010.45	1.22889	0.000000	12	27
KY_RS	12/27/2021	20	162,427.14	1.20966	0.000000	12	27
KY_RS	12/27/2021	21	157,845.03	1.17553	0.000000	12	27

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	12/27/2021	22	148,645.29	1.10702	0.000000	12	27
KY_RS	12/27/2021	23	135,724.19	1.01079	0.000000	12	27
KY_RS	12/27/2021	24	119,814.73	0.89231	0.000000	12	27
KY_RS	12/28/2021	1	107,483.59	0.80047	0.000000	12	28
KY_RS	12/28/2021	2	100,964.96	0.75192	0.000000	12	28
KY_RS	12/28/2021	3	98,329.48	0.7323	0.000000	12	28
KY_RS	12/28/2021	4	99,033.07	0.73754	0.000000	12	28
KY_RS	12/28/2021	5	102,855.77	0.76601	0.000000	12	28
KY_RS	12/28/2021	6	110,833.56	0.82542	0.000000	12	28
KY_RS	12/28/2021	7	122,762.21	0.91426	0.000000	12	28
KY_RS	12/28/2021	8	135,928.49	1.01231	0.000000	12	28
KY_RS	12/28/2021	9	145,528.79	1.08381	0.691340	12	28
KY_RS	12/28/2021	10	153,634.03	1.14417	1.660736	12	28
KY_RS	12/28/2021	11	160,074.72	1.19214	3.503323	12	28
KY_RS	12/28/2021	12	169,693.84	1.26377	4.124274	12	28
KY_RS	12/28/2021	13	177,439.68	1.32146	3.326720	12	28
KY_RS	12/28/2021	14	174,776.45	1.30163	3.631896	12	28
KY_RS	12/28/2021	15	173,662.78	1.29333	2.212310	12	28
KY_RS	12/28/2021	16	172,211.23	1.28252	1.129215	12	28
KY_RS	12/28/2021	17	176,961.45	1.3179	0.070869	12	28
KY_RS	12/28/2021	18	192,765.13	1.43559	0.000000	12	28
KY_RS	12/28/2021	19	195,203.00	1.45375	0.000000	12	28
KY_RS	12/28/2021	20	190,106.14	1.41579	0.000000	12	28
KY_RS	12/28/2021	21	182,362.65	1.35812	0.000000	12	28
KY_RS	12/28/2021	22	171,038.90	1.27379	0.000000	12	28
KY_RS	12/28/2021	23	154,830.52	1.15308	0.000000	12	28
KY_RS	12/28/2021	24	136,178.89	1.01418	0.000000	12	28
KY_RS	12/29/2021	1	121,432.12	0.90435	0.000000	12	29
KY_RS	12/29/2021	2	111,119.21	0.82755	0.000000	12	29
KY_RS	12/29/2021	3	105,533.11	0.78594	0.000000	12	29
KY_RS	12/29/2021	4	103,048.63	0.76744	0.000000	12	29
KY_RS	12/29/2021	5	104,376.67	0.77733	0.000000	12	29
KY_RS	12/29/2021	6	109,225.07	0.81344	0.000000	12	29

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	12/29/2021	7	117,576.44	0.87564	0.000000	12	29
KY_RS	12/29/2021	8	126,375.11	0.94116	0.000000	12	29
KY_RS	12/29/2021	9	135,152.12	1.00653	0.000000	12	29
KY_RS	12/29/2021	10	143,227.20	1.06667	0.074391	12	29
KY_RS	12/29/2021	11	148,841.16	1.10848	0.160042	12	29
KY_RS	12/29/2021	12	149,958.70	1.1168	1.725971	12	29
KY_RS	12/29/2021	13	148,171.26	1.10349	1.006107	12	29
KY_RS	12/29/2021	14	144,237.23	1.07419	0.746093	12	29
KY_RS	12/29/2021	15	143,871.02	1.07146	3.523641	12	29
KY_RS	12/29/2021	16	147,451.97	1.09813	2.556809	12	29
KY_RS	12/29/2021	17	160,248.04	1.19343	1.044753	12	29
KY_RS	12/29/2021	18	180,879.35	1.34708	0.000000	12	29
KY_RS	12/29/2021	19	187,520.10	1.39653	0.000000	12	29
KY_RS	12/29/2021	20	185,488.37	1.3814	0.000000	12	29
KY_RS	12/29/2021	21	182,825.94	1.36157	0.000000	12	29
KY_RS	12/29/2021	22	175,155.27	1.30445	0.000000	12	29
KY_RS	12/29/2021	23	161,447.19	1.20236	0.000000	12	29
KY_RS	12/29/2021	24	145,917.81	1.0867	0.000000	12	29
KY_RS	12/30/2021	1	132,719.29	0.98841	0.000000	12	30
KY_RS	12/30/2021	2	123,970.10	0.92325	0.000000	12	30
KY_RS	12/30/2021	3	119,746.38	0.8918	0.000000	12	30
KY_RS	12/30/2021	4	118,412.20	0.88186	0.000000	12	30
KY_RS	12/30/2021	5	119,697.51	0.89143	0.000000	12	30
KY_RS	12/30/2021	6	125,375.59	0.93372	0.000000	12	30
KY_RS	12/30/2021	7	132,977.52	0.99033	0.000000	12	30
KY_RS	12/30/2021	8	141,277.30	1.05215	0.000000	12	30
KY_RS	12/30/2021	9	148,217.80	1.10383	0.085726	12	30
KY_RS	12/30/2021	10	152,289.36	1.13416	0.395021	12	30
KY_RS	12/30/2021	11	155,593.04	1.15876	0.695202	12	30
KY_RS	12/30/2021	12	156,955.64	1.16891	0.897973	12	30
KY_RS	12/30/2021	13	156,828.04	1.16796	0.486837	12	30
KY_RS	12/30/2021	14	156,379.07	1.16461	0.469445	12	30
KY_RS	12/30/2021	15	156,110.02	1.16261	1.296026	12	30

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	12/30/2021	16	158,735.57	1.18216	0.868853	12	30
KY_RS	12/30/2021	17	165,679.79	1.23388	1.370686	12	30
KY_RS	12/30/2021	18	179,083.01	1.3337	0.000000	12	30
KY_RS	12/30/2021	19	182,052.39	1.35581	0.000000	12	30
KY_RS	12/30/2021	20	178,011.40	1.32572	0.000000	12	30
KY_RS	12/30/2021	21	173,970.93	1.29563	0.000000	12	30
KY_RS	12/30/2021	22	166,560.77	1.24044	0.000000	12	30
KY_RS	12/30/2021	23	155,893.19	1.161	0.000000	12	30
KY_RS	12/30/2021	24	141,784.86	1.05593	0.000000	12	30
KY_RS	12/31/2021	1	128,874.66	0.95978	0.000000	12	31
KY_RS	12/31/2021	2	119,266.18	0.88822	0.000000	12	31
KY_RS	12/31/2021	3	113,641.98	0.84633	0.000000	12	31
KY_RS	12/31/2021	4	110,892.52	0.82586	0.000000	12	31
KY_RS	12/31/2021	5	111,724.90	0.83206	0.000000	12	31
KY_RS	12/31/2021	6	115,488.33	0.86009	0.000000	12	31
KY_RS	12/31/2021	7	120,592.46	0.8981	0.000000	12	31
KY_RS	12/31/2021	8	126,810.02	0.9444	0.000000	12	31
KY_RS	12/31/2021	9	137,004.57	1.02032	0.588276	12	31
KY_RS	12/31/2021	10	145,979.71	1.08717	2.285204	12	31
KY_RS	12/31/2021	11	153,552.43	1.14356	3.486960	12	31
KY_RS	12/31/2021	12	157,192.15	1.17067	4.228916	12	31
KY_RS	12/31/2021	13	157,771.30	1.17498	4.483998	12	31
KY_RS	12/31/2021	14	154,042.25	1.14721	4.338658	12	31
KY_RS	12/31/2021	15	150,728.83	1.12253	3.737342	12	31
KY_RS	12/31/2021	16	151,080.33	1.12515	1.644169	12	31
KY_RS	12/31/2021	17	151,739.46	1.13006	1.249039	12	31
KY_RS	12/31/2021	18	164,217.49	1.22299	0.000000	12	31
KY_RS	12/31/2021	19	169,245.30	1.26043	0.000000	12	31
KY_RS	12/31/2021	20	162,898.89	1.21317	0.000000	12	31
KY_RS	12/31/2021	21	152,278.21	1.13407	0.000000	12	31
KY_RS	12/31/2021	22	142,985.74	1.06487	0.000000	12	31
KY_RS	12/31/2021	23	132,981.52	0.99036	0.000000	12	31
KY_RS	12/31/2021	24	122,562.10	0.91277	0.000000	12	31

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	01/01/2022	1	111,851.64	0.833	0.000000	1	1
KY_RS	01/01/2022	2	103,090.06	0.76775	0.000000	1	1
KY_RS	01/01/2022	3	94,907.61	0.70681	0.000000	1	1
KY_RS	01/01/2022	4	89,444.66	0.66613	0.000000	1	1
KY_RS	01/01/2022	5	86,726.24	0.64588	0.000000	1	1
KY_RS	01/01/2022	6	87,401.15	0.65091	0.000000	1	1
KY_RS	01/01/2022	7	89,747.81	0.66839	0.000000	1	1
KY_RS	01/01/2022	8	94,657.43	0.70495	0.000000	1	1
KY_RS	01/01/2022	9	105,266.49	0.78396	0.474631	1	1
KY_RS	01/01/2022	10	119,280.77	0.88833	1.991384	1	1
KY_RS	01/01/2022	11	133,772.73	0.99626	3.053945	1	1
KY_RS	01/01/2022	12	144,823.05	1.07855	3.645327	1	1
KY_RS	01/01/2022	13	152,988.56	1.13936	2.859834	1	1
KY_RS	01/01/2022	14	154,295.63	1.1491	3.671986	1	1
KY_RS	01/01/2022	15	155,549.41	1.15843	2.322271	1	1
KY_RS	01/01/2022	16	155,201.21	1.15584	0.808562	1	1
KY_RS	01/01/2022	17	160,485.91	1.1952	0.000000	1	1
KY_RS	01/01/2022	18	171,276.14	1.27556	0.000000	1	1
KY_RS	01/01/2022	19	172,213.33	1.28254	0.000000	1	1
KY_RS	01/01/2022	20	167,606.56	1.24823	0.000000	1	1
KY_RS	01/01/2022	21	160,554.16	1.19571	0.000000	1	1
KY_RS	01/01/2022	22	152,408.41	1.13504	0.000000	1	1
KY_RS	01/01/2022	23	141,022.89	1.05025	0.000000	1	1
KY_RS	01/01/2022	24	127,613.80	0.95039	0.000000	1	1
KY_RS	01/02/2022	1	115,057.11	0.85687	0.000000	1	2
KY_RS	01/02/2022	2	106,184.65	0.7908	0.000000	1	2
KY_RS	01/02/2022	3	103,294.86	0.76928	0.000000	1	2
KY_RS	01/02/2022	4	104,748.10	0.7801	0.000000	1	2
KY_RS	01/02/2022	5	106,126.62	0.79036	0.000000	1	2
KY_RS	01/02/2022	6	112,291.56	0.83628	0.000000	1	2
KY_RS	01/02/2022	7	121,408.85	0.90418	0.000000	1	2
KY_RS	01/02/2022	8	135,413.01	1.00847	0.000000	1	2
KY_RS	01/02/2022	9	154,866.33	1.15335	0.205877	1	2

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	01/02/2022	10	175,451.11	1.30665	1.953985	1	2
KY_RS	01/02/2022	11	191,619.67	1.42706	0.625812	1	2
KY_RS	01/02/2022	12	202,886.72	1.51097	0.325270	1	2
KY_RS	01/02/2022	13	213,648.90	1.59112	1.839061	1	2
KY_RS	01/02/2022	14	217,527.39	1.62001	0.360492	1	2
KY_RS	01/02/2022	15	220,736.17	1.64391	0.379246	1	2
KY_RS	01/02/2022	16	222,396.56	1.65627	0.322904	1	2
KY_RS	01/02/2022	17	232,555.99	1.73193	0.000000	1	2
KY_RS	01/02/2022	18	250,555.45	1.86598	0.000000	1	2
KY_RS	01/02/2022	19	259,609.72	1.93341	0.000000	1	2
KY_RS	01/02/2022	20	259,414.24	1.93196	0.000000	1	2
KY_RS	01/02/2022	21	254,017.05	1.89176	0.000000	1	2
KY_RS	01/02/2022	22	240,144.71	1.78845	0.000000	1	2
KY_RS	01/02/2022	23	221,887.25	1.65248	0.000000	1	2
KY_RS	01/02/2022	24	203,864.26	1.51825	0.000000	1	2
KY_RS	01/03/2022	1	190,548.12	1.41908	0.000000	1	3
KY_RS	01/03/2022	2	184,484.24	1.37392	0.000000	1	3
KY_RS	01/03/2022	3	182,404.40	1.35843	0.000000	1	3
KY_RS	01/03/2022	4	183,898.91	1.36956	0.000000	1	3
KY_RS	01/03/2022	5	189,878.21	1.41409	0.000000	1	3
KY_RS	01/03/2022	6	201,545.41	1.50098	0.000000	1	3
KY_RS	01/03/2022	7	219,863.76	1.63741	0.000000	1	3
KY_RS	01/03/2022	8	230,230.18	1.71461	0.000000	1	3
KY_RS	01/03/2022	9	230,369.89	1.71565	0.000000	1	3
KY_RS	01/03/2022	10	220,573.17	1.64269	0.246086	1	3
KY_RS	01/03/2022	11	211,155.11	1.57255	0.117958	1	3
KY_RS	01/03/2022	12	204,272.70	1.5213	0.052269	1	3
KY_RS	01/03/2022	13	196,606.58	1.4642	0.173294	1	3
KY_RS	01/03/2022	14	188,750.22	1.40569	0.435369	1	3
KY_RS	01/03/2022	15	182,029.62	1.35564	0.548952	1	3
KY_RS	01/03/2022	16	183,578.73	1.36718	0.010588	1	3
KY_RS	01/03/2022	17	197,227.05	1.46882	0.009501	1	3
KY_RS	01/03/2022	18	228,855.21	1.70437	0.000000	1	3

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	01/03/2022	19	248,721.84	1.85233	0.000000	1	3
KY_RS	01/03/2022	20	252,387.05	1.87962	0.000000	1	3
KY_RS	01/03/2022	21	251,624.64	1.87394	0.000000	1	3
KY_RS	01/03/2022	22	242,511.20	1.80607	0.000000	1	3
KY_RS	01/03/2022	23	228,190.88	1.69942	0.000000	1	3
KY_RS	01/03/2022	24	212,528.41	1.58278	0.000000	1	3
KY_RS	01/04/2022	1	204,278.88	1.52134	0.000000	1	4
KY_RS	01/04/2022	2	200,758.51	1.49512	0.000000	1	4
KY_RS	01/04/2022	3	200,729.42	1.49491	0.000000	1	4
KY_RS	01/04/2022	4	203,188.24	1.51322	0.000000	1	4
KY_RS	01/04/2022	5	209,123.30	1.55742	0.000000	1	4
KY_RS	01/04/2022	6	221,056.22	1.64629	0.000000	1	4
KY_RS	01/04/2022	7	238,955.43	1.77959	0.000000	1	4
KY_RS	01/04/2022	8	246,680.97	1.83713	0.000000	1	4
KY_RS	01/04/2022	9	240,458.72	1.79079	0.000000	1	4
KY_RS	01/04/2022	10	221,421.96	1.64901	0.175213	1	4
KY_RS	01/04/2022	11	203,948.44	1.51888	0.118881	1	4
KY_RS	01/04/2022	12	191,495.67	1.42614	0.157839	1	4
KY_RS	01/04/2022	13	181,936.17	1.35495	0.928785	1	4
KY_RS	01/04/2022	14	171,279.25	1.27558	0.365544	1	4
KY_RS	01/04/2022	15	163,232.47	1.21565	0.575737	1	4
KY_RS	01/04/2022	16	164,393.17	1.2243	0.219107	1	4
KY_RS	01/04/2022	17	177,081.74	1.31879	0.067085	1	4
KY_RS	01/04/2022	18	205,161.83	1.52792	0.000000	1	4
KY_RS	01/04/2022	19	222,834.77	1.65953	0.000000	1	4
KY_RS	01/04/2022	20	224,911.42	1.675	0.000000	1	4
KY_RS	01/04/2022	21	221,918.73	1.65271	0.000000	1	4
KY_RS	01/04/2022	22	210,694.50	1.56912	0.000000	1	4
KY_RS	01/04/2022	23	191,693.22	1.42761	0.000000	1	4
KY_RS	01/04/2022	24	174,114.76	1.2967	0.000000	1	4
KY_RS	01/05/2022	1	160,331.77	1.19405	0.000000	1	5
KY_RS	01/05/2022	2	153,553.98	1.14357	0.000000	1	5
KY_RS	01/05/2022	3	149,610.53	1.11421	0.000000	1	5

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	01/05/2022	4	148,586.37	1.10658	0.000000	1	5
KY_RS	01/05/2022	5	151,699.52	1.12976	0.000000	1	5
KY_RS	01/05/2022	6	162,352.76	1.2091	0.000000	1	5
KY_RS	01/05/2022	7	178,203.05	1.32715	0.000000	1	5
KY_RS	01/05/2022	8	184,226.25	1.372	0.000000	1	5
KY_RS	01/05/2022	9	181,540.46	1.352	0.063103	1	5
KY_RS	01/05/2022	10	175,549.77	1.30739	0.462350	1	5
KY_RS	01/05/2022	11	165,718.10	1.23417	0.648337	1	5
KY_RS	01/05/2022	12	158,925.72	1.18358	1.286975	1	5
KY_RS	01/05/2022	13	156,342.34	1.16434	1.208795	1	5
KY_RS	01/05/2022	14	151,515.14	1.12839	2.670265	1	5
KY_RS	01/05/2022	15	150,234.74	1.11885	1.741431	1	5
KY_RS	01/05/2022	16	153,265.09	1.14142	1.225835	1	5
KY_RS	01/05/2022	17	171,788.70	1.27938	0.405746	1	5
KY_RS	01/05/2022	18	204,176.02	1.52058	0.000000	1	5
KY_RS	01/05/2022	19	222,789.41	1.6592	0.000000	1	5
KY_RS	01/05/2022	20	228,237.17	1.69977	0.000000	1	5
KY_RS	01/05/2022	21	229,403.80	1.70846	0.000000	1	5
KY_RS	01/05/2022	22	222,789.14	1.65919	0.000000	1	5
KY_RS	01/05/2022	23	209,767.29	1.56222	0.000000	1	5
KY_RS	01/05/2022	24	199,852.80	1.48838	0.000000	1	5
KY_RS	01/06/2022	1	193,027.42	1.43755	0.000000	1	6
KY_RS	01/06/2022	2	192,603.33	1.43439	0.000000	1	6
KY_RS	01/06/2022	3	195,394.25	1.45517	0.000000	1	6
KY_RS	01/06/2022	4	200,615.54	1.49406	0.000000	1	6
KY_RS	01/06/2022	5	209,619.42	1.56111	0.000000	1	6
KY_RS	01/06/2022	6	222,731.78	1.65877	0.000000	1	6
KY_RS	01/06/2022	7	241,090.97	1.7955	0.000000	1	6
KY_RS	01/06/2022	8	247,653.71	1.84437	0.000000	1	6
KY_RS	01/06/2022	9	246,001.02	1.83206	0.656857	1	6
KY_RS	01/06/2022	10	243,716.55	1.81505	2.364784	1	6
KY_RS	01/06/2022	11	241,452.46	1.79819	3.523131	1	6
KY_RS	01/06/2022	12	240,515.78	1.79121	4.160755	1	6

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	01/06/2022	13	242,742.91	1.8078	4.402114	1	6
KY_RS	01/06/2022	14	243,006.79	1.80976	4.263045	1	6
KY_RS	01/06/2022	15	248,476.69	1.8505	3.756396	1	6
KY_RS	01/06/2022	16	260,332.67	1.9388	2.841012	1	6
KY_RS	01/06/2022	17	278,021.50	2.07053	1.437650	1	6
KY_RS	01/06/2022	18	298,857.75	2.22571	0.000000	1	6
KY_RS	01/06/2022	19	304,075.35	2.26456	0.000000	1	6
KY_RS	01/06/2022	20	299,080.44	2.22736	0.000000	1	6
KY_RS	01/06/2022	21	291,445.50	2.1705	0.000000	1	6
KY_RS	01/06/2022	22	279,096.72	2.07854	0.000000	1	6
KY_RS	01/06/2022	23	263,827.62	1.96482	0.000000	1	6
KY_RS	01/06/2022	24	250,529.07	1.86578	0.000000	1	6
KY_RS	01/07/2022	1	242,091.65	1.80295	0.000000	1	7
KY_RS	01/07/2022	2	237,181.55	1.76638	0.000000	1	7
KY_RS	01/07/2022	3	236,700.01	1.76279	0.000000	1	7
KY_RS	01/07/2022	4	239,772.99	1.78568	0.000000	1	7
KY_RS	01/07/2022	5	245,871.93	1.8311	0.000000	1	7
KY_RS	01/07/2022	6	258,847.64	1.92774	0.000000	1	7
KY_RS	01/07/2022	7	272,349.05	2.02829	0.000000	1	7
KY_RS	01/07/2022	8	285,153.30	2.12364	0.000000	1	7
KY_RS	01/07/2022	9	291,048.23	2.16755	0.651185	1	7
KY_RS	01/07/2022	10	291,164.73	2.16841	2.376671	1	7
KY_RS	01/07/2022	11	284,147.97	2.11616	3.585138	1	7
KY_RS	01/07/2022	12	284,039.01	2.11535	4.310478	1	7
KY_RS	01/07/2022	13	281,954.06	2.09982	4.617498	1	7
KY_RS	01/07/2022	14	275,076.62	2.0486	4.513134	1	7
KY_RS	01/07/2022	15	271,662.32	2.02317	3.988403	1	7
KY_RS	01/07/2022	16	272,442.04	2.02898	3.083254	1	7
KY_RS	01/07/2022	17	278,943.05	2.07739	1.619815	1	7
KY_RS	01/07/2022	18	297,872.60	2.21837	0.000000	1	7
KY_RS	01/07/2022	19	309,843.70	2.30752	0.000000	1	7
KY_RS	01/07/2022	20	310,691.73	2.31384	0.000000	1	7
KY_RS	01/07/2022	21	305,785.14	2.2773	0.000000	1	7

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	01/07/2022	22	296,084.30	2.20505	0.000000	1	7
KY_RS	01/07/2022	23	286,809.07	2.13598	0.000000	1	7
KY_RS	01/07/2022	24	278,212.33	2.07195	0.000000	1	7
KY_RS	01/08/2022	1	270,591.57	2.0152	0.000000	1	8
KY_RS	01/08/2022	2	267,195.49	1.98991	0.000000	1	8
KY_RS	01/08/2022	3	265,568.05	1.97779	0.000000	1	8
KY_RS	01/08/2022	4	266,728.04	1.98642	0.000000	1	8
KY_RS	01/08/2022	5	268,958.11	2.00303	0.000000	1	8
KY_RS	01/08/2022	6	272,890.63	2.03232	0.000000	1	8
KY_RS	01/08/2022	7	280,068.57	2.08578	0.000000	1	8
KY_RS	01/08/2022	8	288,873.85	2.15135	0.000000	1	8
KY_RS	01/08/2022	9	295,423.34	2.20013	0.211657	1	8
KY_RS	01/08/2022	10	285,864.69	2.12894	1.115036	1	8
KY_RS	01/08/2022	11	270,971.71	2.01803	1.412432	1	8
KY_RS	01/08/2022	12	257,026.24	1.91417	2.440321	1	8
KY_RS	01/08/2022	13	243,821.98	1.81583	1.075497	1	8
KY_RS	01/08/2022	14	230,068.39	1.71341	1.784032	1	8
KY_RS	01/08/2022	15	228,321.38	1.7004	1.686282	1	8
KY_RS	01/08/2022	16	228,358.54	1.70067	0.080428	1	8
KY_RS	01/08/2022	17	232,671.14	1.73279	0.000000	1	8
KY_RS	01/08/2022	18	241,149.67	1.79593	0.000000	1	8
KY_RS	01/08/2022	19	241,654.46	1.79969	0.000000	1	8
KY_RS	01/08/2022	20	231,512.26	1.72416	0.000000	1	8
KY_RS	01/08/2022	21	224,026.91	1.66841	0.000000	1	8
KY_RS	01/08/2022	22	214,264.57	1.59571	0.000000	1	8
KY_RS	01/08/2022	23	202,158.99	1.50555	0.000000	1	8
KY_RS	01/08/2022	24	187,273.22	1.39469	0.000000	1	8
KY_RS	01/09/2022	1	171,758.13	1.27915	0.000000	1	9
KY_RS	01/09/2022	2	161,981.94	1.20634	0.000000	1	9
KY_RS	01/09/2022	3	156,758.35	1.16744	0.000000	1	9
KY_RS	01/09/2022	4	154,511.51	1.15071	0.000000	1	9
KY_RS	01/09/2022	5	155,458.97	1.15776	0.000000	1	9
KY_RS	01/09/2022	6	152,595.01	1.13643	0.000000	1	9

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	01/09/2022	7	153,689.52	1.14458	0.000000	1	9
KY_RS	01/09/2022	8	160,570.91	1.19583	0.000000	1	9
KY_RS	01/09/2022	9	171,866.57	1.27995	0.034250	1	9
KY_RS	01/09/2022	10	183,388.99	1.36577	0.299869	1	9
KY_RS	01/09/2022	11	193,542.53	1.44138	0.553397	1	9
KY_RS	01/09/2022	12	201,145.76	1.49801	0.178542	1	9
KY_RS	01/09/2022	13	209,667.85	1.56148	0.601247	1	9
KY_RS	01/09/2022	14	213,132.31	1.58728	1.094618	1	9
KY_RS	01/09/2022	15	210,484.93	1.56756	0.483333	1	9
KY_RS	01/09/2022	16	211,943.98	1.57843	0.303944	1	9
KY_RS	01/09/2022	17	222,161.59	1.65452	1.034537	1	9
KY_RS	01/09/2022	18	242,097.90	1.80299	0.000000	1	9
KY_RS	01/09/2022	19	252,893.25	1.88339	0.000000	1	9
KY_RS	01/09/2022	20	252,989.39	1.88411	0.000000	1	9
KY_RS	01/09/2022	21	251,441.50	1.87258	0.000000	1	9
KY_RS	01/09/2022	22	242,024.82	1.80245	0.000000	1	9
KY_RS	01/09/2022	23	226,435.51	1.68635	0.000000	1	9
KY_RS	01/09/2022	24	210,929.29	1.57087	0.000000	1	9
KY_RS	01/10/2022	1	203,524.60	1.51572	0.000000	1	10
KY_RS	01/10/2022	2	200,779.17	1.49528	0.000000	1	10
KY_RS	01/10/2022	3	202,099.55	1.50511	0.000000	1	10
KY_RS	01/10/2022	4	206,031.58	1.53439	0.000000	1	10
KY_RS	01/10/2022	5	213,835.34	1.59251	0.000000	1	10
KY_RS	01/10/2022	6	228,115.90	1.69886	0.000000	1	10
KY_RS	01/10/2022	7	248,377.21	1.84976	0.000000	1	10
KY_RS	01/10/2022	8	258,448.21	1.92476	0.000000	1	10
KY_RS	01/10/2022	9	254,798.24	1.89758	0.000000	1	10
KY_RS	01/10/2022	10	252,863.17	1.88317	2.157200	1	10
KY_RS	01/10/2022	11	249,315.79	1.85675	0.520736	1	10
KY_RS	01/10/2022	12	234,281.92	1.74479	0.204294	1	10
KY_RS	01/10/2022	13	226,985.79	1.69045	4.270450	1	10
KY_RS	01/10/2022	14	217,317.94	1.61845	4.309559	1	10
KY_RS	01/10/2022	15	208,891.37	1.55569	3.849655	1	10

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KY_RS	01/10/2022	16	208,718.76	1.55441	2.960553	1	10
KY_RS	01/10/2022	17	222,874.54	1.65983	1.538698	1	10
KY_RS	01/10/2022	18	253,898.14	1.89087	0.000000	1	10
KY_RS	01/10/2022	19	272,762.55	2.03137	0.000000	1	10
KY_RS	01/10/2022	20	274,628.19	2.04526	0.000000	1	10
KY_RS	01/10/2022	21	270,303.46	2.01305	0.000000	1	10
KY_RS	01/10/2022	22	260,231.34	1.93804	0.000000	1	10
KY_RS	01/10/2022	23	246,405.22	1.83507	0.000000	1	10
KY_RS	01/10/2022	24	232,827.46	1.73395	0.000000	1	10
KY_RS	01/11/2022	1	225,863.74	1.68209	0.000000	1	11
KY_RS	01/11/2022	2	224,455.69	1.67161	0.000000	1	11
KY_RS	01/11/2022	3	226,607.79	1.68763	0.000000	1	11
KY_RS	01/11/2022	4	231,250.03	1.72221	0.000000	1	11
KY_RS	01/11/2022	5	239,437.94	1.78318	0.000000	1	11
KY_RS	01/11/2022	6	253,169.95	1.88545	0.000000	1	11
KY_RS	01/11/2022	7	273,606.94	2.03765	0.000000	1	11
KY_RS	01/11/2022	8	285,866.30	2.12895	0.000000	1	11
KY_RS	01/11/2022	9	280,452.89	2.08864	0.695469	1	11
KY_RS	01/11/2022	10	261,573.62	1.94804	2.433313	1	11
KY_RS	01/11/2022	11	242,587.42	1.80664	3.603891	1	11
KY_RS	01/11/2022	12	229,440.74	1.70873	4.269178	1	11
KY_RS	01/11/2022	13	218,984.58	1.63086	4.536453	1	11
KY_RS	01/11/2022	14	208,057.04	1.54948	4.455072	1	11
KY_RS	01/11/2022	15	200,059.36	1.48992	3.947652	1	11
KY_RS	01/11/2022	16	199,954.15	1.48913	3.022697	1	11
KY_RS	01/11/2022	17	211,822.58	1.57752	1.586183	1	11
KY_RS	01/11/2022	18	239,870.27	1.7864	0.000000	1	11
KY_RS	01/11/2022	19	258,860.40	1.92783	0.000000	1	11
KY_RS	01/11/2022	20	262,092.02	1.9519	0.000000	1	11
KY_RS	01/11/2022	21	259,475.26	1.93241	0.000000	1	11
KY_RS	01/11/2022	22	248,738.73	1.85245	0.000000	1	11
KY_RS	01/11/2022	23	227,413.27	1.69363	0.000000	1	11
KY_RS	01/11/2022	24	207,285.70	1.54373	0.000000	1	11

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	01/12/2022	1	195,713.34	1.45755	0.000000	1	12
KY_RS	01/12/2022	2	189,302.47	1.40981	0.000000	1	12
KY_RS	01/12/2022	3	185,462.85	1.38121	0.000000	1	12
KY_RS	01/12/2022	4	184,490.30	1.37397	0.000000	1	12
KY_RS	01/12/2022	5	185,376.80	1.38057	0.000000	1	12
KY_RS	01/12/2022	6	192,442.75	1.43319	0.000000	1	12
KY_RS	01/12/2022	7	206,482.76	1.53775	0.000000	1	12
KY_RS	01/12/2022	8	213,852.40	1.59264	0.000000	1	12
KY_RS	01/12/2022	9	210,329.89	1.56641	0.695927	1	12
KY_RS	01/12/2022	10	198,007.63	1.47464	2.382527	1	12
KY_RS	01/12/2022	11	183,023.73	1.36305	3.521025	1	12
KY_RS	01/12/2022	12	172,979.94	1.28825	3.562212	1	12
KY_RS	01/12/2022	13	166,835.32	1.24249	3.511666	1	12
KY_RS	01/12/2022	14	165,199.15	1.2303	3.512794	1	12
KY_RS	01/12/2022	15	159,765.74	1.18984	2.686887	1	12
KY_RS	01/12/2022	16	162,812.65	1.21253	1.942152	1	12
KY_RS	01/12/2022	17	176,079.24	1.31133	1.585953	1	12
KY_RS	01/12/2022	18	195,680.93	1.45731	0.000000	1	12
KY_RS	01/12/2022	19	209,213.88	1.55809	0.000000	1	12
KY_RS	01/12/2022	20	209,327.25	1.55894	0.000000	1	12
KY_RS	01/12/2022	21	205,326.49	1.52914	0.000000	1	12
KY_RS	01/12/2022	22	196,073.40	1.46023	0.000000	1	12
KY_RS	01/12/2022	23	180,614.13	1.3451	0.000000	1	12
KY_RS	01/12/2022	24	166,407.81	1.2393	0.000000	1	12
KY_RS	01/13/2022	1	156,857.24	1.16817	0.000000	1	13
KY_RS	01/13/2022	2	151,618.52	1.12916	0.000000	1	13
KY_RS	01/13/2022	3	150,713.36	1.12242	0.000000	1	13
KY_RS	01/13/2022	4	153,167.12	1.14069	0.000000	1	13
KY_RS	01/13/2022	5	158,101.45	1.17744	0.000000	1	13
KY_RS	01/13/2022	6	169,018.08	1.25874	0.000000	1	13
KY_RS	01/13/2022	7	185,964.19	1.38495	0.000000	1	13
KY_RS	01/13/2022	8	194,746.96	1.45035	0.000000	1	13
KY_RS	01/13/2022	9	193,665.33	1.4423	0.635365	1	13

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	01/13/2022	10	181,326.00	1.3504	0.736746	1	13
KY_RS	01/13/2022	11	169,002.69	1.25863	1.118952	1	13
KY_RS	01/13/2022	12	168,049.95	1.25153	1.092158	1	13
KY_RS	01/13/2022	13	165,535.64	1.23281	1.910087	1	13
KY_RS	01/13/2022	14	159,354.99	1.18678	1.745922	1	13
KY_RS	01/13/2022	15	152,207.14	1.13354	0.894895	1	13
KY_RS	01/13/2022	16	159,159.69	1.18532	0.336466	1	13
KY_RS	01/13/2022	17	172,799.03	1.2869	0.051457	1	13
KY_RS	01/13/2022	18	190,166.02	1.41624	0.000000	1	13
KY_RS	01/13/2022	19	203,066.00	1.51231	0.000000	1	13
KY_RS	01/13/2022	20	203,055.32	1.51223	0.000000	1	13
KY_RS	01/13/2022	21	199,621.52	1.48666	0.000000	1	13
KY_RS	01/13/2022	22	190,593.96	1.41942	0.000000	1	13
KY_RS	01/13/2022	23	174,454.82	1.29923	0.000000	1	13
KY_RS	01/13/2022	24	159,234.45	1.18588	0.000000	1	13
KY_RS	01/14/2022	1	150,963.58	1.12428	0.000000	1	14
KY_RS	01/14/2022	2	149,133.47	1.11065	0.000000	1	14
KY_RS	01/14/2022	3	150,621.56	1.12174	0.000000	1	14
KY_RS	01/14/2022	4	154,203.39	1.14841	0.000000	1	14
KY_RS	01/14/2022	5	160,044.65	1.19191	0.000000	1	14
KY_RS	01/14/2022	6	170,489.32	1.2697	0.000000	1	14
KY_RS	01/14/2022	7	187,146.89	1.39375	0.000000	1	14
KY_RS	01/14/2022	8	195,753.83	1.45785	0.000000	1	14
KY_RS	01/14/2022	9	196,039.66	1.45998	0.729624	1	14
KY_RS	01/14/2022	10	196,401.79	1.46268	2.459007	1	14
KY_RS	01/14/2022	11	196,307.51	1.46198	3.649017	1	14
KY_RS	01/14/2022	12	197,614.99	1.47171	4.338891	1	14
KY_RS	01/14/2022	13	197,909.37	1.47391	4.592394	1	14
KY_RS	01/14/2022	14	195,702.98	1.45747	3.479249	1	14
KY_RS	01/14/2022	15	195,322.16	1.45464	3.885438	1	14
KY_RS	01/14/2022	16	201,316.66	1.49928	2.092325	1	14
KY_RS	01/14/2022	17	211,546.98	1.57547	1.477456	1	14
KY_RS	01/14/2022	18	224,786.51	1.67407	0.000000	1	14

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	01/14/2022	19	228,351.39	1.70062	0.000000	1	14
KY_RS	01/14/2022	20	224,438.09	1.67147	0.000000	1	14
KY_RS	01/14/2022	21	218,820.62	1.62964	0.000000	1	14
KY_RS	01/14/2022	22	211,687.41	1.57652	0.000000	1	14
KY_RS	01/14/2022	23	199,616.11	1.48662	0.000000	1	14
KY_RS	01/14/2022	24	186,932.33	1.39216	0.000000	1	14
KY_RS	01/15/2022	1	177,577.66	1.32249	0.000000	1	15
KY_RS	01/15/2022	2	172,695.98	1.28613	0.000000	1	15
KY_RS	01/15/2022	3	171,283.28	1.27561	0.000000	1	15
KY_RS	01/15/2022	4	171,514.04	1.27733	0.000000	1	15
KY_RS	01/15/2022	5	174,334.65	1.29834	0.000000	1	15
KY_RS	01/15/2022	6	181,115.43	1.34883	0.000000	1	15
KY_RS	01/15/2022	7	190,785.90	1.42085	0.000000	1	15
KY_RS	01/15/2022	8	204,734.92	1.52474	0.000000	1	15
KY_RS	01/15/2022	9	221,873.47	1.65238	0.420262	1	15
KY_RS	01/15/2022	10	234,738.73	1.74819	1.063699	1	15
KY_RS	01/15/2022	11	238,202.88	1.77399	2.280231	1	15
KY_RS	01/15/2022	12	241,918.06	1.80165	3.240733	1	15
KY_RS	01/15/2022	13	239,859.49	1.78632	3.058752	1	15
KY_RS	01/15/2022	14	231,139.49	1.72138	1.794983	1	15
KY_RS	01/15/2022	15	216,557.18	1.61278	1.069897	1	15
KY_RS	01/15/2022	16	215,036.67	1.60146	2.260662	1	15
KY_RS	01/15/2022	17	222,011.95	1.65341	0.997588	1	15
KY_RS	01/15/2022	18	230,358.16	1.71556	0.000000	1	15
KY_RS	01/15/2022	19	242,313.01	1.8046	0.000000	1	15
KY_RS	01/15/2022	20	238,692.65	1.77763	0.000000	1	15
KY_RS	01/15/2022	21	244,060.03	1.81761	0.000000	1	15
KY_RS	01/15/2022	22	241,167.33	1.79606	0.000000	1	15
KY_RS	01/15/2022	23	231,677.08	1.72539	0.000000	1	15
KY_RS	01/15/2022	24	220,995.75	1.64584	0.000000	1	15
KY_RS	01/16/2022	1	212,706.25	1.5841	0.000000	1	16
KY_RS	01/16/2022	2	206,828.92	1.54033	0.000000	1	16
KY_RS	01/16/2022	3	202,480.45	1.50795	0.000000	1	16

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	01/16/2022	4	202,099.76	1.50511	0.000000	1	16
KY_RS	01/16/2022	5	203,877.73	1.51835	0.000000	1	16
KY_RS	01/16/2022	6	209,384.58	1.55937	0.000000	1	16
KY_RS	01/16/2022	7	216,667.36	1.6136	0.000000	1	16
KY_RS	01/16/2022	8	227,378.50	1.69337	0.000000	1	16
KY_RS	01/16/2022	9	242,701.38	1.80749	0.497117	1	16
KY_RS	01/16/2022	10	251,765.30	1.87499	0.916145	1	16
KY_RS	01/16/2022	11	251,500.71	1.87302	2.307105	1	16
KY_RS	01/16/2022	12	251,200.40	1.87078	2.136036	1	16
KY_RS	01/16/2022	13	255,261.89	1.90103	2.615952	1	16
KY_RS	01/16/2022	14	254,345.67	1.89421	2.899944	1	16
KY_RS	01/16/2022	15	250,787.53	1.86771	2.111381	1	16
KY_RS	01/16/2022	16	248,447.33	1.85028	1.030287	1	16
KY_RS	01/16/2022	17	253,709.28	1.88947	0.720702	1	16
KY_RS	01/16/2022	18	263,367.16	1.96139	0.000000	1	16
KY_RS	01/16/2022	19	267,752.13	1.99405	0.000000	1	16
KY_RS	01/16/2022	20	262,707.78	1.95648	0.000000	1	16
KY_RS	01/16/2022	21	259,275.29	1.93092	0.000000	1	16
KY_RS	01/16/2022	22	246,820.00	1.83816	0.000000	1	16
KY_RS	01/16/2022	23	230,182.45	1.71426	0.000000	1	16
KY_RS	01/16/2022	24	213,077.08	1.58687	0.000000	1	16
KY_RS	01/17/2022	1	202,617.18	1.50897	0.000000	1	17
KY_RS	01/17/2022	2	197,273.41	1.46917	0.000000	1	17
KY_RS	01/17/2022	3	195,317.59	1.4546	0.000000	1	17
KY_RS	01/17/2022	4	195,943.86	1.45927	0.000000	1	17
KY_RS	01/17/2022	5	199,676.63	1.48707	0.000000	1	17
KY_RS	01/17/2022	6	207,026.97	1.54181	0.000000	1	17
KY_RS	01/17/2022	7	216,309.09	1.61094	0.000000	1	17
KY_RS	01/17/2022	8	224,034.59	1.66847	0.000000	1	17
KY_RS	01/17/2022	9	231,579.98	1.72466	0.590402	1	17
KY_RS	01/17/2022	10	240,903.86	1.7941	2.216404	1	17
KY_RS	01/17/2022	11	250,202.42	1.86335	3.436775	1	17
KY_RS	01/17/2022	12	255,779.36	1.90489	3.454108	1	17

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	01/17/2022	13	258,556.40	1.92557	4.392417	1	17
KY_RS	01/17/2022	14	257,809.18	1.92	2.393948	1	17
KY_RS	01/17/2022	15	256,913.45	1.91333	1.484596	1	17
KY_RS	01/17/2022	16	258,695.79	1.9266	0.663239	1	17
KY_RS	01/17/2022	17	266,900.58	1.98771	0.316832	1	17
KY_RS	01/17/2022	18	280,707.14	2.09053	0.000000	1	17
KY_RS	01/17/2022	19	285,557.80	2.12666	0.000000	1	17
KY_RS	01/17/2022	20	280,670.76	2.09026	0.000000	1	17
KY_RS	01/17/2022	21	272,098.32	2.02642	0.000000	1	17
KY_RS	01/17/2022	22	253,969.97	1.89141	0.000000	1	17
KY_RS	01/17/2022	23	233,106.05	1.73603	0.000000	1	17
KY_RS	01/17/2022	24	213,435.90	1.58954	0.000000	1	17
KY_RS	01/18/2022	1	202,252.95	1.50625	0.000000	1	18
KY_RS	01/18/2022	2	195,748.92	1.45782	0.000000	1	18
KY_RS	01/18/2022	3	192,132.85	1.43089	0.000000	1	18
KY_RS	01/18/2022	4	190,358.06	1.41767	0.000000	1	18
KY_RS	01/18/2022	5	193,168.75	1.4386	0.000000	1	18
KY_RS	01/18/2022	6	202,326.73	1.5068	0.000000	1	18
KY_RS	01/18/2022	7	218,011.30	1.62361	0.000000	1	18
KY_RS	01/18/2022	8	226,347.41	1.68569	0.000000	1	18
KY_RS	01/18/2022	9	224,380.98	1.67105	0.387449	1	18
KY_RS	01/18/2022	10	213,453.74	1.58967	1.895111	1	18
KY_RS	01/18/2022	11	197,663.45	1.47207	0.507768	1	18
KY_RS	01/18/2022	12	188,824.52	1.40625	0.759403	1	18
KY_RS	01/18/2022	13	185,116.85	1.37863	1.134960	1	18
KY_RS	01/18/2022	14	182,411.82	1.35849	0.861486	1	18
KY_RS	01/18/2022	15	179,272.18	1.33511	0.533828	1	18
KY_RS	01/18/2022	16	184,697.74	1.37551	0.224814	1	18
KY_RS	01/18/2022	17	191,490.52	1.4261	0.024292	1	18
KY_RS	01/18/2022	18	218,825.33	1.62967	0.000000	1	18
KY_RS	01/18/2022	19	234,288.27	1.74483	0.000000	1	18
KY_RS	01/18/2022	20	235,017.38	1.75026	0.000000	1	18
KY_RS	01/18/2022	21	232,855.30	1.73416	0.000000	1	18

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	01/18/2022	22	221,922.97	1.65274	0.000000	1	18
KY_RS	01/18/2022	23	203,102.18	1.51258	0.000000	1	18
KY_RS	01/18/2022	24	185,426.28	1.38094	0.000000	1	18
KY_RS	01/19/2022	1	174,091.99	1.29653	0.000000	1	19
KY_RS	01/19/2022	2	167,270.11	1.24572	0.000000	1	19
KY_RS	01/19/2022	3	163,378.09	1.21674	0.000000	1	19
KY_RS	01/19/2022	4	162,170.88	1.20775	0.000000	1	19
KY_RS	01/19/2022	5	163,747.48	1.21949	0.000000	1	19
KY_RS	01/19/2022	6	170,880.58	1.27261	0.000000	1	19
KY_RS	01/19/2022	7	185,803.16	1.38375	0.000000	1	19
KY_RS	01/19/2022	8	192,012.21	1.42999	0.000000	1	19
KY_RS	01/19/2022	9	186,456.05	1.38861	0.777098	1	19
KY_RS	01/19/2022	10	175,680.94	1.30836	0.708452	1	19
KY_RS	01/19/2022	11	160,235.70	1.19334	2.410269	1	19
KY_RS	01/19/2022	12	152,855.05	1.13837	2.004810	1	19
KY_RS	01/19/2022	13	149,895.91	1.11633	1.891509	1	19
KY_RS	01/19/2022	14	149,150.44	1.11078	2.131671	1	19
KY_RS	01/19/2022	15	151,189.49	1.12597	1.015247	1	19
KY_RS	01/19/2022	16	156,161.09	1.16299	1.911308	1	19
KY_RS	01/19/2022	17	168,313.16	1.25349	0.222832	1	19
KY_RS	01/19/2022	18	189,837.18	1.41379	0.000000	1	19
KY_RS	01/19/2022	19	202,888.99	1.51099	0.000000	1	19
KY_RS	01/19/2022	20	206,558.09	1.53832	0.000000	1	19
KY_RS	01/19/2022	21	209,865.29	1.56295	0.000000	1	19
KY_RS	01/19/2022	22	205,864.44	1.53315	0.000000	1	19
KY_RS	01/19/2022	23	195,325.17	1.45466	0.000000	1	19
KY_RS	01/19/2022	24	184,138.02	1.37135	0.000000	1	19
KY_RS	01/20/2022	1	179,862.91	1.33951	0.000000	1	20
KY_RS	01/20/2022	2	181,625.84	1.35264	0.000000	1	20
KY_RS	01/20/2022	3	184,555.69	1.37446	0.000000	1	20
KY_RS	01/20/2022	4	190,061.37	1.41546	0.000000	1	20
KY_RS	01/20/2022	5	198,928.32	1.48149	0.000000	1	20
KY_RS	01/20/2022	6	214,283.25	1.59585	0.000000	1	20

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	01/20/2022	7	236,910.84	1.76436	0.000000	1	20
KY_RS	01/20/2022	8	248,168.18	1.8482	0.000000	1	20
KY_RS	01/20/2022	9	245,977.79	1.83189	0.100794	1	20
KY_RS	01/20/2022	10	236,047.34	1.75793	0.670560	1	20
KY_RS	01/20/2022	11	224,838.83	1.67446	1.284107	1	20
KY_RS	01/20/2022	12	217,758.86	1.62173	2.739470	1	20
KY_RS	01/20/2022	13	214,758.99	1.59939	2.594593	1	20
KY_RS	01/20/2022	14	209,148.34	1.55761	2.824397	1	20
KY_RS	01/20/2022	15	206,300.61	1.5364	2.491015	1	20
KY_RS	01/20/2022	16	209,312.55	1.55883	1.546117	1	20
KY_RS	01/20/2022	17	225,574.41	1.67994	0.906209	1	20
KY_RS	01/20/2022	18	255,130.11	1.90005	0.035254	1	20
KY_RS	01/20/2022	19	273,769.87	2.03887	0.000000	1	20
KY_RS	01/20/2022	20	277,588.80	2.06731	0.000000	1	20
KY_RS	01/20/2022	21	276,778.46	2.06127	0.000000	1	20
KY_RS	01/20/2022	22	266,143.72	1.98207	0.000000	1	20
KY_RS	01/20/2022	23	248,188.74	1.84835	0.000000	1	20
KY_RS	01/20/2022	24	231,904.43	1.72708	0.000000	1	20
KY_RS	01/21/2022	1	221,603.63	1.65037	0.000000	1	21
KY_RS	01/21/2022	2	217,612.82	1.62064	0.000000	1	21
KY_RS	01/21/2022	3	216,216.16	1.61024	0.000000	1	21
KY_RS	01/21/2022	4	217,342.92	1.61863	0.000000	1	21
KY_RS	01/21/2022	5	221,397.91	1.64883	0.000000	1	21
KY_RS	01/21/2022	6	231,783.97	1.72618	0.000000	1	21
KY_RS	01/21/2022	7	251,551.06	1.8734	0.000000	1	21
KY_RS	01/21/2022	8	262,661.39	1.95614	0.000000	1	21
KY_RS	01/21/2022	9	262,748.36	1.95679	0.885435	1	21
KY_RS	01/21/2022	10	251,421.60	1.87243	2.748966	1	21
KY_RS	01/21/2022	11	240,323.76	1.78978	4.051363	1	21
KY_RS	01/21/2022	12	238,232.28	1.77421	4.849735	1	21
KY_RS	01/21/2022	13	230,258.45	1.71482	5.178624	1	21
KY_RS	01/21/2022	14	217,549.97	1.62018	5.097542	1	21
KY_RS	01/21/2022	15	210,572.04	1.56821	4.557053	1	21

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	01/21/2022	16	212,569.57	1.58309	3.563550	1	21
KY_RS	01/21/2022	17	224,235.60	1.66997	2.054285	1	21
KY_RS	01/21/2022	18	250,069.06	1.86236	0.150062	1	21
KY_RS	01/21/2022	19	270,461.01	2.01422	0.000000	1	21
KY_RS	01/21/2022	20	274,364.12	2.04329	0.000000	1	21
KY_RS	01/21/2022	21	274,654.29	2.04545	0.000000	1	21
KY_RS	01/21/2022	22	272,890.38	2.03232	0.000000	1	21
KY_RS	01/21/2022	23	266,553.66	1.98513	0.000000	1	21
KY_RS	01/21/2022	24	260,314.68	1.93866	0.000000	1	21
KY_RS	01/22/2022	1	256,485.33	1.91014	0.000000	1	22
KY_RS	01/22/2022	2	256,211.55	1.9081	0.000000	1	22
KY_RS	01/22/2022	3	257,843.85	1.92026	0.000000	1	22
KY_RS	01/22/2022	4	261,670.72	1.94876	0.000000	1	22
KY_RS	01/22/2022	5	266,102.20	1.98176	0.000000	1	22
KY_RS	01/22/2022	6	274,408.12	2.04362	0.000000	1	22
KY_RS	01/22/2022	7	283,815.77	2.11368	0.000000	1	22
KY_RS	01/22/2022	8	294,944.89	2.19657	0.000000	1	22
KY_RS	01/22/2022	9	304,082.87	2.26462	0.151047	1	22
KY_RS	01/22/2022	10	290,585.95	2.1641	0.881322	1	22
KY_RS	01/22/2022	11	275,405.36	2.05105	1.262249	1	22
KY_RS	01/22/2022	12	261,092.61	1.94445	1.513994	1	22
KY_RS	01/22/2022	13	249,815.49	1.86047	1.192566	1	22
KY_RS	01/22/2022	14	238,780.82	1.77829	1.286505	1	22
KY_RS	01/22/2022	15	230,807.49	1.71891	1.837170	1	22
KY_RS	01/22/2022	16	231,178.23	1.72167	1.610494	1	22
KY_RS	01/22/2022	17	238,497.49	1.77618	0.803385	1	22
KY_RS	01/22/2022	18	239,565.83	1.78414	0.004163	1	22
KY_RS	01/22/2022	19	247,279.58	1.84158	0.000000	1	22
KY_RS	01/22/2022	20	244,126.40	1.8181	0.000000	1	22
KY_RS	01/22/2022	21	249,958.65	1.86154	0.000000	1	22
KY_RS	01/22/2022	22	245,628.09	1.82928	0.000000	1	22
KY_RS	01/22/2022	23	236,371.26	1.76035	0.000000	1	22
KY_RS	01/22/2022	24	226,596.85	1.68755	0.000000	1	22

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	01/23/2022	1	217,600.70	1.62055	0.000000	1	23
KY_RS	01/23/2022	2	210,445.16	1.56726	0.000000	1	23
KY_RS	01/23/2022	3	206,588.71	1.53854	0.000000	1	23
KY_RS	01/23/2022	4	204,362.68	1.52197	0.000000	1	23
KY_RS	01/23/2022	5	205,169.69	1.52798	0.000000	1	23
KY_RS	01/23/2022	6	208,280.51	1.55114	0.000000	1	23
KY_RS	01/23/2022	7	213,323.46	1.5887	0.000000	1	23
KY_RS	01/23/2022	8	221,866.34	1.65232	0.000000	1	23
KY_RS	01/23/2022	9	235,701.79	1.75536	0.611373	1	23
KY_RS	01/23/2022	10	246,855.63	1.83843	0.327613	1	23
KY_RS	01/23/2022	11	250,437.12	1.8651	0.651432	1	23
KY_RS	01/23/2022	12	251,042.12	1.86961	0.823442	1	23
KY_RS	01/23/2022	13	252,772.13	1.88249	1.366132	1	23
KY_RS	01/23/2022	14	245,716.39	1.82994	1.251681	1	23
KY_RS	01/23/2022	15	243,698.55	1.81491	1.102573	1	23
KY_RS	01/23/2022	16	247,836.23	1.84573	1.162562	1	23
KY_RS	01/23/2022	17	257,133.90	1.91497	1.767007	1	23
KY_RS	01/23/2022	18	269,377.00	2.00615	0.133873	1	23
KY_RS	01/23/2022	19	275,497.45	2.05173	0.000000	1	23
KY_RS	01/23/2022	20	276,053.94	2.05588	0.000000	1	23
KY_RS	01/23/2022	21	271,860.66	2.02465	0.000000	1	23
KY_RS	01/23/2022	22	259,550.19	1.93297	0.000000	1	23
KY_RS	01/23/2022	23	246,803.38	1.83804	0.000000	1	23
KY_RS	01/23/2022	24	231,838.20	1.72659	0.000000	1	23
KY_RS	01/24/2022	1	225,406.45	1.67869	0.000000	1	24
KY_RS	01/24/2022	2	225,373.30	1.67844	0.000000	1	24
KY_RS	01/24/2022	3	227,453.20	1.69393	0.000000	1	24
KY_RS	01/24/2022	4	226,758.14	1.68875	0.000000	1	24
KY_RS	01/24/2022	5	229,532.76	1.70942	0.000000	1	24
KY_RS	01/24/2022	6	238,341.06	1.77502	0.000000	1	24
KY_RS	01/24/2022	7	255,762.38	1.90476	0.000000	1	24
KY_RS	01/24/2022	8	262,865.29	1.95766	0.000000	1	24
KY_RS	01/24/2022	9	255,990.04	1.90645	0.944432	1	24

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	01/24/2022	10	251,585.69	1.87365	2.804892	1	24
KY_RS	01/24/2022	11	248,519.43	1.85082	4.105638	1	24
KY_RS	01/24/2022	12	237,979.22	1.77232	4.851027	1	24
KY_RS	01/24/2022	13	226,345.62	1.68568	5.136670	1	24
KY_RS	01/24/2022	14	213,536.71	1.59029	5.037189	1	24
KY_RS	01/24/2022	15	209,032.78	1.55675	4.575125	1	24
KY_RS	01/24/2022	16	213,290.50	1.58845	3.672790	1	24
KY_RS	01/24/2022	17	225,175.40	1.67697	2.213949	1	24
KY_RS	01/24/2022	18	240,408.49	1.79041	0.277724	1	24
KY_RS	01/24/2022	19	245,195.43	1.82606	0.000000	1	24
KY_RS	01/24/2022	20	240,749.31	1.79295	0.000000	1	24
KY_RS	01/24/2022	21	231,836.61	1.72657	0.000000	1	24
KY_RS	01/24/2022	22	217,504.90	1.61984	0.000000	1	24
KY_RS	01/24/2022	23	198,741.14	1.4801	0.000000	1	24
KY_RS	01/24/2022	24	184,503.49	1.37407	0.000000	1	24
KY_RS	01/25/2022	1	179,236.15	1.33484	0.000000	1	25
KY_RS	01/25/2022	2	178,844.97	1.33193	0.000000	1	25
KY_RS	01/25/2022	3	179,560.63	1.33726	0.000000	1	25
KY_RS	01/25/2022	4	183,393.41	1.3658	0.000000	1	25
KY_RS	01/25/2022	5	189,682.79	1.41264	0.000000	1	25
KY_RS	01/25/2022	6	202,065.33	1.50486	0.000000	1	25
KY_RS	01/25/2022	7	221,981.48	1.65318	0.000000	1	25
KY_RS	01/25/2022	8	231,581.39	1.72467	0.000000	1	25
KY_RS	01/25/2022	9	229,582.01	1.70978	0.214847	1	25
KY_RS	01/25/2022	10	224,183.67	1.66958	0.818034	1	25
KY_RS	01/25/2022	11	213,218.93	1.58792	1.900574	1	25
KY_RS	01/25/2022	12	206,793.82	1.54007	4.529947	1	25
KY_RS	01/25/2022	13	206,414.51	1.53725	4.079300	1	25
KY_RS	01/25/2022	14	202,297.98	1.50659	1.815891	1	25
KY_RS	01/25/2022	15	199,306.65	1.48431	2.539223	1	25
KY_RS	01/25/2022	16	202,362.30	1.50707	1.689043	1	25
KY_RS	01/25/2022	17	213,932.28	1.59323	1.639813	1	25
KY_RS	01/25/2022	18	238,989.12	1.77984	0.058731	1	25

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	01/25/2022	19	260,397.96	1.93928	0.000000	1	25
KY_RS	01/25/2022	20	267,091.00	1.98913	0.000000	1	25
KY_RS	01/25/2022	21	268,772.38	2.00165	0.000000	1	25
KY_RS	01/25/2022	22	263,623.92	1.96331	0.000000	1	25
KY_RS	01/25/2022	23	252,683.44	1.88183	0.000000	1	25
KY_RS	01/25/2022	24	242,957.58	1.8094	0.000000	1	25
KY_RS	01/26/2022	1	239,070.65	1.78045	0.000000	1	26
KY_RS	01/26/2022	2	241,424.25	1.79798	0.000000	1	26
KY_RS	01/26/2022	3	247,182.30	1.84086	0.000000	1	26
KY_RS	01/26/2022	4	254,900.72	1.89834	0.000000	1	26
KY_RS	01/26/2022	5	266,675.32	1.98603	0.000000	1	26
KY_RS	01/26/2022	6	283,862.44	2.11403	0.000000	1	26
KY_RS	01/26/2022	7	308,111.50	2.29462	0.000000	1	26
KY_RS	01/26/2022	8	320,302.47	2.38541	0.000000	1	26
KY_RS	01/26/2022	9	314,260.71	2.34042	0.969359	1	26
KY_RS	01/26/2022	10	293,585.44	2.18644	2.811672	1	26
KY_RS	01/26/2022	11	272,888.95	2.03231	4.131329	1	26
KY_RS	01/26/2022	12	255,722.36	1.90446	4.936317	1	26
KY_RS	01/26/2022	13	243,093.32	1.81041	5.315536	1	26
KY_RS	01/26/2022	14	229,228.42	1.70715	5.242829	1	26
KY_RS	01/26/2022	15	219,360.05	1.63366	4.718183	1	26
KY_RS	01/26/2022	16	219,105.02	1.63176	3.752496	1	26
KY_RS	01/26/2022	17	230,388.44	1.71579	2.258947	1	26
KY_RS	01/26/2022	18	256,680.95	1.9116	0.300364	1	26
KY_RS	01/26/2022	19	281,981.29	2.10002	0.000000	1	26
KY_RS	01/26/2022	20	291,929.42	2.17411	0.000000	1	26
KY_RS	01/26/2022	21	295,041.91	2.19729	0.000000	1	26
KY_RS	01/26/2022	22	290,018.44	2.15988	0.000000	1	26
KY_RS	01/26/2022	23	276,417.08	2.05858	0.000000	1	26
KY_RS	01/26/2022	24	264,986.99	1.97346	0.000000	1	26
KY_RS	01/27/2022	1	258,246.62	1.92326	0.000000	1	27
KY_RS	01/27/2022	2	257,523.35	1.91787	0.000000	1	27
KY_RS	01/27/2022	3	259,311.00	1.93119	0.000000	1	27

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	01/27/2022	4	263,167.88	1.95991	0.000000	1	27
KY_RS	01/27/2022	5	270,764.25	2.01648	0.000000	1	27
KY_RS	01/27/2022	6	282,479.00	2.10373	0.000000	1	27
KY_RS	01/27/2022	7	299,864.01	2.2332	0.000000	1	27
KY_RS	01/27/2022	8	304,139.90	2.26504	0.000000	1	27
KY_RS	01/27/2022	9	290,494.39	2.16342	1.026160	1	27
KY_RS	01/27/2022	10	270,966.86	2.01799	2.887443	1	27
KY_RS	01/27/2022	11	246,851.88	1.8384	4.193763	1	27
KY_RS	01/27/2022	12	238,046.67	1.77282	4.982347	1	27
KY_RS	01/27/2022	13	231,222.69	1.722	5.324872	1	27
KY_RS	01/27/2022	14	226,320.54	1.68549	5.242574	1	27
KY_RS	01/27/2022	15	217,414.45	1.61917	4.771931	1	27
KY_RS	01/27/2022	16	220,186.34	1.63981	3.831980	1	27
KY_RS	01/27/2022	17	228,851.55	1.70434	2.362882	1	27
KY_RS	01/27/2022	18	242,977.53	1.80955	0.343882	1	27
KY_RS	01/27/2022	19	251,964.40	1.87647	0.000000	1	27
KY_RS	01/27/2022	20	249,548.21	1.85848	0.000000	1	27
KY_RS	01/27/2022	21	245,020.43	1.82476	0.000000	1	27
KY_RS	01/27/2022	22	233,385.24	1.73811	0.000000	1	27
KY_RS	01/27/2022	23	216,142.24	1.60969	0.000000	1	27
KY_RS	01/27/2022	24	200,120.52	1.49037	0.000000	1	27
KY_RS	01/28/2022	1	190,605.64	1.41951	0.000000	1	28
KY_RS	01/28/2022	2	186,528.92	1.38915	0.000000	1	28
KY_RS	01/28/2022	3	184,556.36	1.37446	0.000000	1	28
KY_RS	01/28/2022	4	184,453.44	1.37369	0.000000	1	28
KY_RS	01/28/2022	5	187,689.19	1.39779	0.000000	1	28
KY_RS	01/28/2022	6	197,196.31	1.4686	0.000000	1	28
KY_RS	01/28/2022	7	210,566.71	1.56817	0.000000	1	28
KY_RS	01/28/2022	8	221,181.02	1.64722	0.000000	1	28
KY_RS	01/28/2022	9	224,368.49	1.67096	0.584286	1	28
KY_RS	01/28/2022	10	223,157.86	1.66194	2.385987	1	28
KY_RS	01/28/2022	11	223,735.86	1.66625	2.895582	1	28
KY_RS	01/28/2022	12	224,088.43	1.66887	2.907670	1	28

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	01/28/2022	13	224,055.62	1.66863	4.640815	1	28
KY_RS	01/28/2022	14	223,148.75	1.66187	4.569513	1	28
KY_RS	01/28/2022	15	229,347.36	1.70804	3.873102	1	28
KY_RS	01/28/2022	16	241,347.08	1.7974	3.752603	1	28
KY_RS	01/28/2022	17	256,846.96	1.91284	2.293048	1	28
KY_RS	01/28/2022	18	275,972.47	2.05527	0.338546	1	28
KY_RS	01/28/2022	19	291,297.99	2.16941	0.000000	1	28
KY_RS	01/28/2022	20	293,585.74	2.18644	0.000000	1	28
KY_RS	01/28/2022	21	289,562.04	2.15648	0.000000	1	28
KY_RS	01/28/2022	22	282,799.52	2.10611	0.000000	1	28
KY_RS	01/28/2022	23	272,183.78	2.02705	0.000000	1	28
KY_RS	01/28/2022	24	265,084.83	1.97419	0.000000	1	28
KY_RS	01/29/2022	1	260,931.83	1.94326	0.000000	1	29
KY_RS	01/29/2022	2	259,128.56	1.92983	0.000000	1	29
KY_RS	01/29/2022	3	256,802.83	1.91251	0.000000	1	29
KY_RS	01/29/2022	4	253,876.12	1.89071	0.000000	1	29
KY_RS	01/29/2022	5	256,140.71	1.90758	0.000000	1	29
KY_RS	01/29/2022	6	268,583.09	2.00024	0.000000	1	29
KY_RS	01/29/2022	7	285,099.40	2.12324	0.000000	1	29
KY_RS	01/29/2022	8	304,583.03	2.26834	0.000000	1	29
KY_RS	01/29/2022	9	318,389.75	2.37117	0.365336	1	29
KY_RS	01/29/2022	10	306,169.24	2.28016	2.591492	1	29
KY_RS	01/29/2022	11	287,893.21	2.14405	0.670829	1	29
KY_RS	01/29/2022	12	272,852.90	2.03204	1.107209	1	29
KY_RS	01/29/2022	13	260,854.64	1.94268	1.162678	1	29
KY_RS	01/29/2022	14	250,686.76	1.86696	2.353857	1	29
KY_RS	01/29/2022	15	239,155.41	1.78108	0.565965	1	29
KY_RS	01/29/2022	16	238,163.61	1.77369	1.304581	1	29
KY_RS	01/29/2022	17	248,930.40	1.85388	1.410608	1	29
KY_RS	01/29/2022	18	261,084.89	1.9444	0.128910	1	29
KY_RS	01/29/2022	19	276,483.41	2.05908	0.000000	1	29
KY_RS	01/29/2022	20	274,054.70	2.04099	0.000000	1	29
KY_RS	01/29/2022	21	271,410.79	2.0213	0.000000	1	29

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	01/29/2022	22	266,487.25	1.98463	0.000000	1	29
KY_RS	01/29/2022	23	259,087.86	1.92952	0.000000	1	29
KY_RS	01/29/2022	24	248,518.48	1.85081	0.000000	1	29
KY_RS	01/30/2022	1	239,462.15	1.78336	0.000000	1	30
KY_RS	01/30/2022	2	234,696.66	1.74787	0.000000	1	30
KY_RS	01/30/2022	3	229,347.37	1.70804	0.000000	1	30
KY_RS	01/30/2022	4	227,014.38	1.69066	0.000000	1	30
KY_RS	01/30/2022	5	227,830.66	1.69674	0.000000	1	30
KY_RS	01/30/2022	6	233,735.24	1.74071	0.000000	1	30
KY_RS	01/30/2022	7	236,853.09	1.76393	0.000000	1	30
KY_RS	01/30/2022	8	244,242.11	1.81896	0.000000	1	30
KY_RS	01/30/2022	9	256,319.46	1.90891	0.002123	1	30
KY_RS	01/30/2022	10	257,356.55	1.91663	0.312398	1	30
KY_RS	01/30/2022	11	243,056.32	1.81013	1.018585	1	30
KY_RS	01/30/2022	12	233,568.90	1.73948	1.759506	1	30
KY_RS	01/30/2022	13	227,780.50	1.69637	2.990962	1	30
KY_RS	01/30/2022	14	220,600.37	1.64289	2.908758	1	30
KY_RS	01/30/2022	15	212,184.20	1.58022	1.336557	1	30
KY_RS	01/30/2022	16	195,382.15	1.45508	1.794018	1	30
KY_RS	01/30/2022	17	193,710.80	1.44264	0.517808	1	30
KY_RS	01/30/2022	18	200,010.16	1.48955	0.022244	1	30
KY_RS	01/30/2022	19	216,002.89	1.60865	0.000000	1	30
KY_RS	01/30/2022	20	239,512.80	1.78374	0.000000	1	30
KY_RS	01/30/2022	21	242,889.50	1.80889	0.000000	1	30
KY_RS	01/30/2022	22	232,966.02	1.73499	0.000000	1	30
KY_RS	01/30/2022	23	218,332.35	1.626	0.000000	1	30
KY_RS	01/30/2022	24	202,821.63	1.51049	0.000000	1	30
KY_RS	01/31/2022	1	193,537.02	1.44134	0.000000	1	31
KY_RS	01/31/2022	2	188,041.68	1.40042	0.000000	1	31
KY_RS	01/31/2022	3	187,165.46	1.39389	0.000000	1	31
KY_RS	01/31/2022	4	189,631.50	1.41226	0.000000	1	31
KY_RS	01/31/2022	5	196,181.03	1.46103	0.000000	1	31
KY_RS	01/31/2022	6	210,025.23	1.56414	0.000000	1	31

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	01/31/2022	7	233,585.21	1.7396	0.000000	1	31
KY_RS	01/31/2022	8	247,154.69	1.84065	0.000000	1	31
KY_RS	01/31/2022	9	241,412.71	1.79789	0.062457	1	31
KY_RS	01/31/2022	10	223,413.22	1.66384	0.776645	1	31
KY_RS	01/31/2022	11	206,230.10	1.53587	1.680348	1	31
KY_RS	01/31/2022	12	193,128.99	1.4383	2.465216	1	31
KY_RS	01/31/2022	13	183,298.86	1.3651	3.088969	1	31
KY_RS	01/31/2022	14	171,607.69	1.27803	5.121823	1	31
KY_RS	01/31/2022	15	166,960.52	1.24342	4.659445	1	31
KY_RS	01/31/2022	16	168,207.66	1.25271	3.730906	1	31
KY_RS	01/31/2022	17	176,254.66	1.31263	2.289150	1	31
KY_RS	01/31/2022	18	198,840.55	1.48084	0.397541	1	31
KY_RS	01/31/2022	19	222,960.08	1.66047	0.000000	1	31
KY_RS	01/31/2022	20	230,900.07	1.7196	0.000000	1	31
KY_RS	01/31/2022	21	231,543.03	1.72439	0.000000	1	31
KY_RS	01/31/2022	22	222,222.92	1.65498	0.000000	1	31
KY_RS	01/31/2022	23	203,343.84	1.51438	0.000000	1	31
KY_RS	01/31/2022	24	185,804.20	1.38375	0.000000	1	31
KY_RS	02/01/2022	1	175,864.75	1.30973	0.000000	2	1
KY_RS	02/01/2022	2	172,352.15	1.28357	0.000000	2	1
KY_RS	02/01/2022	3	171,229.42	1.27521	0.000000	2	1
KY_RS	02/01/2022	4	172,889.17	1.28757	0.000000	2	1
KY_RS	02/01/2022	5	179,115.39	1.33394	0.000000	2	1
KY_RS	02/01/2022	6	191,581.03	1.42678	0.000000	2	1
KY_RS	02/01/2022	7	211,178.32	1.57272	0.000000	2	1
KY_RS	02/01/2022	8	219,924.15	1.63786	0.000000	2	1
KY_RS	02/01/2022	9	210,959.28	1.57109	1.125937	2	1
KY_RS	02/01/2022	10	193,897.26	1.44403	2.960877	2	1
KY_RS	02/01/2022	11	175,759.87	1.30895	4.268401	2	1
KY_RS	02/01/2022	12	161,872.31	1.20552	5.093529	2	1
KY_RS	02/01/2022	13	151,834.02	1.13077	5.454233	2	1
KY_RS	02/01/2022	14	139,527.77	1.03912	5.339138	2	1
KY_RS	02/01/2022	15	132,677.31	0.9881	4.847162	2	1

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	02/01/2022	16	133,167.56	0.99175	3.900480	2	1
KY_RS	02/01/2022	17	138,820.78	1.03385	2.400358	2	1
KY_RS	02/01/2022	18	156,052.79	1.16218	0.465477	2	1
KY_RS	02/01/2022	19	177,575.95	1.32247	0.000000	2	1
KY_RS	02/01/2022	20	185,285.36	1.37989	0.000000	2	1
KY_RS	02/01/2022	21	186,139.19	1.38625	0.000000	2	1
KY_RS	02/01/2022	22	178,297.06	1.32785	0.000000	2	1
KY_RS	02/01/2022	23	163,018.93	1.21406	0.000000	2	1
KY_RS	02/01/2022	24	146,499.77	1.09104	0.000000	2	1
KY_RS	02/02/2022	1	134,750.45	1.00354	0.000000	2	2
KY_RS	02/02/2022	2	128,255.06	0.95516	0.000000	2	2
KY_RS	02/02/2022	3	125,543.24	0.93497	0.000000	2	2
KY_RS	02/02/2022	4	124,776.77	0.92926	0.000000	2	2
KY_RS	02/02/2022	5	128,241.91	0.95507	0.000000	2	2
KY_RS	02/02/2022	6	138,477.10	1.03129	0.000000	2	2
KY_RS	02/02/2022	7	157,581.66	1.17357	0.000000	2	2
KY_RS	02/02/2022	8	166,480.32	1.23984	0.000000	2	2
KY_RS	02/02/2022	9	163,954.11	1.22103	0.176613	2	2
KY_RS	02/02/2022	10	162,553.28	1.2106	1.093075	2	2
KY_RS	02/02/2022	11	164,754.26	1.22699	1.025463	2	2
KY_RS	02/02/2022	12	167,882.31	1.25028	2.881162	2	2
KY_RS	02/02/2022	13	171,878.04	1.28004	3.713885	2	2
KY_RS	02/02/2022	14	171,983.24	1.28082	3.215834	2	2
KY_RS	02/02/2022	15	171,245.03	1.27533	2.497822	2	2
KY_RS	02/02/2022	16	175,062.06	1.30375	1.014953	2	2
KY_RS	02/02/2022	17	185,052.29	1.37815	0.447087	2	2
KY_RS	02/02/2022	18	198,519.64	1.47845	0.047826	2	2
KY_RS	02/02/2022	19	205,733.98	1.53218	0.000000	2	2
KY_RS	02/02/2022	20	203,108.15	1.51262	0.000000	2	2
KY_RS	02/02/2022	21	197,603.94	1.47163	0.000000	2	2
KY_RS	02/02/2022	22	186,691.57	1.39036	0.000000	2	2
KY_RS	02/02/2022	23	171,006.36	1.27355	0.000000	2	2
KY_RS	02/02/2022	24	155,387.40	1.15723	0.000000	2	2

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	02/03/2022	1	150,868.92	1.12358	0.000000	2	3
KY_RS	02/03/2022	2	151,355.14	1.1272	0.000000	2	3
KY_RS	02/03/2022	3	154,097.42	1.14762	0.000000	2	3
KY_RS	02/03/2022	4	157,972.20	1.17648	0.000000	2	3
KY_RS	02/03/2022	5	163,516.02	1.21777	0.000000	2	3
KY_RS	02/03/2022	6	173,788.24	1.29427	0.000000	2	3
KY_RS	02/03/2022	7	186,420.99	1.38835	0.000000	2	3
KY_RS	02/03/2022	8	202,535.60	1.50836	0.000000	2	3
KY_RS	02/03/2022	9	218,532.05	1.62749	0.108850	2	3
KY_RS	02/03/2022	10	232,482.67	1.73139	0.280451	2	3
KY_RS	02/03/2022	11	245,702.03	1.82984	0.471510	2	3
KY_RS	02/03/2022	12	255,958.18	1.90622	2.270518	2	3
KY_RS	02/03/2022	13	262,155.14	1.95237	2.446583	2	3
KY_RS	02/03/2022	14	262,088.85	1.95187	1.207919	2	3
KY_RS	02/03/2022	15	263,285.29	1.96078	0.890846	2	3
KY_RS	02/03/2022	16	264,691.28	1.97126	0.730330	2	3
KY_RS	02/03/2022	17	269,956.48	2.01047	0.284683	2	3
KY_RS	02/03/2022	18	284,709.19	2.12034	0.428187	2	3
KY_RS	02/03/2022	19	293,225.53	2.18376	0.000000	2	3
KY_RS	02/03/2022	20	285,643.21	2.12729	0.000000	2	3
KY_RS	02/03/2022	21	277,378.22	2.06574	0.000000	2	3
KY_RS	02/03/2022	22	265,494.27	1.97724	0.000000	2	3
KY_RS	02/03/2022	23	250,748.92	1.86742	0.000000	2	3
KY_RS	02/03/2022	24	236,087.59	1.75823	0.000000	2	3
KY_RS	02/04/2022	1	226,205.58	1.68464	0.000000	2	4
KY_RS	02/04/2022	2	220,431.00	1.64163	0.000000	2	4
KY_RS	02/04/2022	3	218,382.32	1.62638	0.000000	2	4
KY_RS	02/04/2022	4	219,125.72	1.63191	0.000000	2	4
KY_RS	02/04/2022	5	223,256.75	1.66268	0.000000	2	4
KY_RS	02/04/2022	6	231,181.20	1.72169	0.000000	2	4
KY_RS	02/04/2022	7	240,406.65	1.7904	0.000000	2	4
KY_RS	02/04/2022	8	254,523.72	1.89553	0.000000	2	4
KY_RS	02/04/2022	9	270,354.54	2.01343	0.285162	2	4

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	02/04/2022	10	277,936.11	2.06989	1.094590	2	4
KY_RS	02/04/2022	11	277,572.60	2.06719	1.202459	2	4
KY_RS	02/04/2022	12	265,964.61	1.98074	0.814317	2	4
KY_RS	02/04/2022	13	265,127.02	1.9745	1.592939	2	4
KY_RS	02/04/2022	14	263,671.21	1.96366	2.307187	2	4
KY_RS	02/04/2022	15	260,988.47	1.94368	0.464560	2	4
KY_RS	02/04/2022	16	260,213.07	1.9379	0.416988	2	4
KY_RS	02/04/2022	17	264,612.10	1.97067	0.270196	2	4
KY_RS	02/04/2022	18	276,822.19	2.0616	0.023466	2	4
KY_RS	02/04/2022	19	284,268.84	2.11706	0.000000	2	4
KY_RS	02/04/2022	20	280,964.25	2.09245	0.000000	2	4
KY_RS	02/04/2022	21	277,717.36	2.06827	0.000000	2	4
KY_RS	02/04/2022	22	272,541.36	2.02972	0.000000	2	4
KY_RS	02/04/2022	23	261,243.74	1.94558	0.000000	2	4
KY_RS	02/04/2022	24	247,895.46	1.84617	0.000000	2	4
KY_RS	02/05/2022	1	238,295.79	1.77468	0.000000	2	5
KY_RS	02/05/2022	2	233,977.22	1.74252	0.000000	2	5
KY_RS	02/05/2022	3	231,333.73	1.72283	0.000000	2	5
KY_RS	02/05/2022	4	230,427.13	1.71608	0.000000	2	5
KY_RS	02/05/2022	5	232,352.91	1.73042	0.000000	2	5
KY_RS	02/05/2022	6	236,432.63	1.7608	0.000000	2	5
KY_RS	02/05/2022	7	246,035.74	1.83232	0.000000	2	5
KY_RS	02/05/2022	8	261,485.67	1.94738	0.000000	2	5
KY_RS	02/05/2022	9	275,709.97	2.05332	1.003770	2	5
KY_RS	02/05/2022	10	275,742.14	2.05356	1.488459	2	5
KY_RS	02/05/2022	11	270,939.83	2.01779	1.507453	2	5
KY_RS	02/05/2022	12	264,265.61	1.96809	2.571502	2	5
KY_RS	02/05/2022	13	253,495.63	1.88788	2.336774	2	5
KY_RS	02/05/2022	14	242,181.95	1.80362	2.494432	2	5
KY_RS	02/05/2022	15	237,700.88	1.77025	1.098002	2	5
KY_RS	02/05/2022	16	244,685.76	1.82227	0.937235	2	5
KY_RS	02/05/2022	17	253,101.68	1.88494	1.029275	2	5
KY_RS	02/05/2022	18	265,434.05	1.97679	0.210489	2	5

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	02/05/2022	19	279,881.06	2.08438	0.000000	2	5
KY_RS	02/05/2022	20	282,330.04	2.10262	0.000000	2	5
KY_RS	02/05/2022	21	280,288.49	2.08741	0.000000	2	5
KY_RS	02/05/2022	22	276,179.88	2.05682	0.000000	2	5
KY_RS	02/05/2022	23	267,362.94	1.99115	0.000000	2	5
KY_RS	02/05/2022	24	257,653.93	1.91885	0.000000	2	5
KY_RS	02/06/2022	1	249,951.24	1.86148	0.000000	2	6
KY_RS	02/06/2022	2	245,800.94	1.83057	0.000000	2	6
KY_RS	02/06/2022	3	246,084.43	1.83268	0.000000	2	6
KY_RS	02/06/2022	4	247,056.17	1.83992	0.000000	2	6
KY_RS	02/06/2022	5	250,326.50	1.86428	0.000000	2	6
KY_RS	02/06/2022	6	253,957.58	1.89132	0.000000	2	6
KY_RS	02/06/2022	7	260,603.63	1.94081	0.000000	2	6
KY_RS	02/06/2022	8	271,378.44	2.02106	0.000000	2	6
KY_RS	02/06/2022	9	276,355.36	2.05812	1.008171	2	6
KY_RS	02/06/2022	10	262,805.00	1.95721	0.515587	2	6
KY_RS	02/06/2022	11	247,728.89	1.84493	0.797796	2	6
KY_RS	02/06/2022	12	233,410.93	1.7383	1.695233	2	6
KY_RS	02/06/2022	13	222,167.92	1.65457	2.124694	2	6
KY_RS	02/06/2022	14	211,876.25	1.57792	2.333829	2	6
KY_RS	02/06/2022	15	202,945.23	1.51141	1.934730	2	6
KY_RS	02/06/2022	16	198,749.40	1.48016	1.748642	2	6
KY_RS	02/06/2022	17	203,402.84	1.51482	2.032523	2	6
KY_RS	02/06/2022	18	221,548.54	1.64996	0.441173	2	6
KY_RS	02/06/2022	19	242,471.92	1.80578	0.000000	2	6
KY_RS	02/06/2022	20	249,403.70	1.8574	0.000000	2	6
KY_RS	02/06/2022	21	245,603.72	1.8291	0.000000	2	6
KY_RS	02/06/2022	22	235,191.08	1.75156	0.000000	2	6
KY_RS	02/06/2022	23	220,134.39	1.63942	0.000000	2	6
KY_RS	02/06/2022	24	206,357.90	1.53682	0.000000	2	6
KY_RS	02/07/2022	1	198,077.66	1.47516	0.000000	2	7
KY_RS	02/07/2022	2	196,286.20	1.46182	0.000000	2	7
KY_RS	02/07/2022	3	196,431.42	1.4629	0.000000	2	7

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	02/07/2022	4	198,975.84	1.48185	0.000000	2	7
KY_RS	02/07/2022	5	205,368.50	1.52946	0.000000	2	7
KY_RS	02/07/2022	6	215,858.14	1.60758	0.000000	2	7
KY_RS	02/07/2022	7	232,115.97	1.72865	0.000000	2	7
KY_RS	02/07/2022	8	243,952.27	1.8168	0.000000	2	7
KY_RS	02/07/2022	9	236,175.64	1.75889	0.066364	2	7
KY_RS	02/07/2022	10	217,365.02	1.6188	0.871055	2	7
KY_RS	02/07/2022	11	200,164.23	1.4907	3.774065	2	7
KY_RS	02/07/2022	12	188,339.74	1.40264	4.421208	2	7
KY_RS	02/07/2022	13	181,664.89	1.35293	4.695051	2	7
KY_RS	02/07/2022	14	174,080.48	1.29644	4.603512	2	7
KY_RS	02/07/2022	15	169,892.89	1.26526	4.188262	2	7
KY_RS	02/07/2022	16	171,721.95	1.27888	3.417435	2	7
KY_RS	02/07/2022	17	181,311.57	1.3503	2.239749	2	7
KY_RS	02/07/2022	18	204,729.86	1.5247	0.617775	2	7
KY_RS	02/07/2022	19	231,863.94	1.72678	0.000000	2	7
KY_RS	02/07/2022	20	243,698.65	1.81492	0.000000	2	7
KY_RS	02/07/2022	21	247,145.87	1.84059	0.000000	2	7
KY_RS	02/07/2022	22	243,129.63	1.81068	0.000000	2	7
KY_RS	02/07/2022	23	230,374.36	1.71568	0.000000	2	7
KY_RS	02/07/2022	24	218,117.53	1.6244	0.000000	2	7
KY_RS	02/08/2022	1	212,098.76	1.57958	0.000000	2	8
KY_RS	02/08/2022	2	211,823.91	1.57753	0.000000	2	8
KY_RS	02/08/2022	3	215,390.51	1.60409	0.000000	2	8
KY_RS	02/08/2022	4	220,830.73	1.64461	0.000000	2	8
KY_RS	02/08/2022	5	229,733.67	1.71091	0.000000	2	8
KY_RS	02/08/2022	6	244,510.83	1.82096	0.000000	2	8
KY_RS	02/08/2022	7	266,861.51	1.98742	0.000000	2	8
KY_RS	02/08/2022	8	275,612.68	2.05259	0.000000	2	8
KY_RS	02/08/2022	9	263,764.42	1.96435	0.002021	2	8
KY_RS	02/08/2022	10	250,474.00	1.86537	0.063254	2	8
KY_RS	02/08/2022	11	232,562.05	1.73198	0.152923	2	8
KY_RS	02/08/2022	12	206,343.10	1.53671	0.604997	2	8

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	02/08/2022	13	189,879.20	1.4141	0.481851	2	8
KY_RS	02/08/2022	14	177,906.17	1.32493	0.668907	2	8
KY_RS	02/08/2022	15	167,889.54	1.25034	0.820809	2	8
KY_RS	02/08/2022	16	165,441.45	1.2321	0.326143	2	8
KY_RS	02/08/2022	17	172,119.50	1.28184	0.299791	2	8
KY_RS	02/08/2022	18	189,890.47	1.41419	0.041447	2	8
KY_RS	02/08/2022	19	212,802.69	1.58482	0.000000	2	8
KY_RS	02/08/2022	20	221,544.31	1.64992	0.000000	2	8
KY_RS	02/08/2022	21	220,668.79	1.6434	0.000000	2	8
KY_RS	02/08/2022	22	211,802.47	1.57737	0.000000	2	8
KY_RS	02/08/2022	23	194,448.93	1.44813	0.000000	2	8
KY_RS	02/08/2022	24	176,738.60	1.31624	0.000000	2	8
KY_RS	02/09/2022	1	164,567.40	1.2256	0.000000	2	9
KY_RS	02/09/2022	2	158,736.24	1.18217	0.000000	2	9
KY_RS	02/09/2022	3	156,182.82	1.16315	0.000000	2	9
KY_RS	02/09/2022	4	157,017.40	1.16937	0.000000	2	9
KY_RS	02/09/2022	5	160,308.57	1.19388	0.000000	2	9
KY_RS	02/09/2022	6	170,458.75	1.26947	0.000000	2	9
KY_RS	02/09/2022	7	188,526.67	1.40403	0.000000	2	9
KY_RS	02/09/2022	8	194,272.27	1.44682	0.000000	2	9
KY_RS	02/09/2022	9	187,170.03	1.39393	1.216527	2	9
KY_RS	02/09/2022	10	182,752.73	1.36103	2.900873	2	9
KY_RS	02/09/2022	11	168,523.02	1.25505	4.046460	2	9
KY_RS	02/09/2022	12	155,757.29	1.15998	4.704491	2	9
KY_RS	02/09/2022	13	148,683.53	1.1073	4.970879	2	9
KY_RS	02/09/2022	14	142,404.81	1.06054	4.865378	2	9
KY_RS	02/09/2022	15	138,472.98	1.03126	4.451021	2	9
KY_RS	02/09/2022	16	143,449.99	1.06833	3.604647	2	9
KY_RS	02/09/2022	17	154,169.65	1.14816	1.691383	2	9
KY_RS	02/09/2022	18	175,749.68	1.30887	0.256255	2	9
KY_RS	02/09/2022	19	192,919.82	1.43675	0.000000	2	9
KY_RS	02/09/2022	20	199,870.29	1.48851	0.000000	2	9
KY_RS	02/09/2022	21	199,790.38	1.48791	0.000000	2	9

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	02/09/2022	22	192,270.09	1.43191	0.000000	2	9
KY_RS	02/09/2022	23	177,304.25	1.32045	0.000000	2	9
KY_RS	02/09/2022	24	161,689.35	1.20416	0.000000	2	9
KY_RS	02/10/2022	1	150,941.03	1.12411	0.000000	2	10
KY_RS	02/10/2022	2	146,319.02	1.08969	0.000000	2	10
KY_RS	02/10/2022	3	146,294.32	1.08951	0.000000	2	10
KY_RS	02/10/2022	4	148,908.45	1.10898	0.000000	2	10
KY_RS	02/10/2022	5	155,778.22	1.16014	0.000000	2	10
KY_RS	02/10/2022	6	169,021.11	1.25876	0.000000	2	10
KY_RS	02/10/2022	7	189,631.87	1.41226	0.000000	2	10
KY_RS	02/10/2022	8	200,686.25	1.49459	0.000000	2	10
KY_RS	02/10/2022	9	190,293.63	1.41719	0.388497	2	10
KY_RS	02/10/2022	10	174,416.57	1.29895	0.366892	2	10
KY_RS	02/10/2022	11	163,951.47	1.22101	1.039319	2	10
KY_RS	02/10/2022	12	157,310.20	1.17155	1.204958	2	10
KY_RS	02/10/2022	13	152,630.42	1.1367	3.101273	2	10
KY_RS	02/10/2022	14	147,218.77	1.09639	1.979508	2	10
KY_RS	02/10/2022	15	143,481.30	1.06856	0.820551	2	10
KY_RS	02/10/2022	16	145,531.40	1.08383	0.896576	2	10
KY_RS	02/10/2022	17	154,722.11	1.15227	0.216793	2	10
KY_RS	02/10/2022	18	172,810.71	1.28699	0.055808	2	10
KY_RS	02/10/2022	19	195,542.73	1.45628	0.000000	2	10
KY_RS	02/10/2022	20	207,802.59	1.54758	0.000000	2	10
KY_RS	02/10/2022	21	210,682.59	1.56903	0.000000	2	10
KY_RS	02/10/2022	22	207,139.28	1.54264	0.000000	2	10
KY_RS	02/10/2022	23	195,496.86	1.45594	0.000000	2	10
KY_RS	02/10/2022	24	181,851.60	1.35432	0.000000	2	10
KY_RS	02/11/2022	1	172,345.62	1.28352	0.000000	2	11
KY_RS	02/11/2022	2	167,374.03	1.2465	0.000000	2	11
KY_RS	02/11/2022	3	165,175.48	1.23012	0.000000	2	11
KY_RS	02/11/2022	4	165,645.61	1.23363	0.000000	2	11
KY_RS	02/11/2022	5	168,792.08	1.25706	0.000000	2	11
KY_RS	02/11/2022	6	179,189.52	1.33449	0.000000	2	11

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	02/11/2022	7	196,607.61	1.46421	0.000000	2	11
KY_RS	02/11/2022	8	203,503.74	1.51557	0.000000	2	11
KY_RS	02/11/2022	9	195,223.81	1.45391	1.218449	2	11
KY_RS	02/11/2022	10	182,602.02	1.35991	2.853627	2	11
KY_RS	02/11/2022	11	166,502.67	1.24001	4.017013	2	11
KY_RS	02/11/2022	12	164,100.89	1.22212	4.739917	2	11
KY_RS	02/11/2022	13	161,430.92	1.20224	5.077924	2	11
KY_RS	02/11/2022	14	155,021.99	1.15451	5.023166	2	11
KY_RS	02/11/2022	15	150,969.88	1.12433	4.570227	2	11
KY_RS	02/11/2022	16	152,844.56	1.13829	3.707571	2	11
KY_RS	02/11/2022	17	160,462.68	1.19503	2.406751	2	11
KY_RS	02/11/2022	18	172,596.44	1.28539	0.728907	2	11
KY_RS	02/11/2022	19	179,864.03	1.33952	0.000000	2	11
KY_RS	02/11/2022	20	181,641.98	1.35276	0.000000	2	11
KY_RS	02/11/2022	21	180,084.49	1.34116	0.000000	2	11
KY_RS	02/11/2022	22	174,868.95	1.30231	0.000000	2	11
KY_RS	02/11/2022	23	166,733.88	1.24173	0.000000	2	11
KY_RS	02/11/2022	24	155,414.30	1.15743	0.000000	2	11
KY_RS	02/12/2022	1	146,152.70	1.08845	0.000000	2	12
KY_RS	02/12/2022	2	141,729.27	1.05551	0.000000	2	12
KY_RS	02/12/2022	3	139,354.05	1.03782	0.000000	2	12
KY_RS	02/12/2022	4	142,739.24	1.06303	0.000000	2	12
KY_RS	02/12/2022	5	148,841.09	1.10848	0.000000	2	12
KY_RS	02/12/2022	6	156,608.56	1.16632	0.000000	2	12
KY_RS	02/12/2022	7	168,346.14	1.25374	0.000000	2	12
KY_RS	02/12/2022	8	182,787.04	1.36128	0.000000	2	12
KY_RS	02/12/2022	9	200,007.62	1.48953	1.287589	2	12
KY_RS	02/12/2022	10	212,959.31	1.58599	2.927322	2	12
KY_RS	02/12/2022	11	222,213.57	1.65491	3.984066	2	12
KY_RS	02/12/2022	12	227,101.21	1.69131	4.599365	2	12
KY_RS	02/12/2022	13	229,363.85	1.70816	4.877443	2	12
KY_RS	02/12/2022	14	228,291.34	1.70017	4.834183	2	12
KY_RS	02/12/2022	15	227,307.05	1.69284	4.436435	2	12

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	02/12/2022	16	229,444.01	1.70876	3.071997	2	12
KY_RS	02/12/2022	17	234,259.86	1.74462	2.086394	2	12
KY_RS	02/12/2022	18	241,205.89	1.79635	0.758256	2	12
KY_RS	02/12/2022	19	247,877.30	1.84604	0.000000	2	12
KY_RS	02/12/2022	20	246,553.25	1.83617	0.000000	2	12
KY_RS	02/12/2022	21	242,742.18	1.80779	0.000000	2	12
KY_RS	02/12/2022	22	236,639.28	1.76234	0.000000	2	12
KY_RS	02/12/2022	23	227,902.67	1.69728	0.000000	2	12
KY_RS	02/12/2022	24	217,895.58	1.62275	0.000000	2	12
KY_RS	02/13/2022	1	209,135.28	1.55751	0.000000	2	13
KY_RS	02/13/2022	2	204,541.03	1.52329	0.000000	2	13
KY_RS	02/13/2022	3	204,164.85	1.52049	0.000000	2	13
KY_RS	02/13/2022	4	206,839.93	1.54041	0.000000	2	13
KY_RS	02/13/2022	5	210,962.83	1.57112	0.000000	2	13
KY_RS	02/13/2022	6	216,160.79	1.60983	0.000000	2	13
KY_RS	02/13/2022	7	223,256.64	1.66268	0.000000	2	13
KY_RS	02/13/2022	8	237,417.93	1.76814	0.000000	2	13
KY_RS	02/13/2022	9	255,792.20	1.90498	0.749587	2	13
KY_RS	02/13/2022	10	264,621.22	1.97073	0.217193	2	13
KY_RS	02/13/2022	11	258,917.27	1.92825	0.150491	2	13
KY_RS	02/13/2022	12	252,413.42	1.87982	0.276821	2	13
KY_RS	02/13/2022	13	246,538.71	1.83607	1.345979	2	13
KY_RS	02/13/2022	14	239,086.01	1.78056	2.089472	2	13
KY_RS	02/13/2022	15	232,061.39	1.72825	1.841953	2	13
KY_RS	02/13/2022	16	234,441.71	1.74598	2.520539	2	13
KY_RS	02/13/2022	17	246,309.92	1.83436	2.409257	2	13
KY_RS	02/13/2022	18	254,792.33	1.89753	0.777083	2	13
KY_RS	02/13/2022	19	250,176.82	1.86316	0.000000	2	13
KY_RS	02/13/2022	20	247,084.71	1.84013	0.000000	2	13
KY_RS	02/13/2022	21	248,180.94	1.8483	0.000000	2	13
KY_RS	02/13/2022	22	243,991.36	1.8171	0.000000	2	13
KY_RS	02/13/2022	23	253,571.73	1.88844	0.000000	2	13
KY_RS	02/13/2022	24	251,398.41	1.87226	0.000000	2	13

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	02/14/2022	1	241,034.77	1.79508	0.000000	2	14
KY_RS	02/14/2022	2	237,546.82	1.7691	0.000000	2	14
KY_RS	02/14/2022	3	239,181.23	1.78127	0.000000	2	14
KY_RS	02/14/2022	4	241,428.94	1.79801	0.000000	2	14
KY_RS	02/14/2022	5	242,446.35	1.80559	0.000000	2	14
KY_RS	02/14/2022	6	249,519.04	1.85826	0.000000	2	14
KY_RS	02/14/2022	7	259,486.25	1.93249	0.000000	2	14
KY_RS	02/14/2022	8	266,879.11	1.98755	0.000000	2	14
KY_RS	02/14/2022	9	266,611.48	1.98556	1.146884	2	14
KY_RS	02/14/2022	10	264,527.83	1.97004	0.418857	2	14
KY_RS	02/14/2022	11	256,129.74	1.90749	1.490846	2	14
KY_RS	02/14/2022	12	246,865.39	1.8385	3.163987	2	14
KY_RS	02/14/2022	13	239,039.75	1.78022	5.010197	2	14
KY_RS	02/14/2022	14	222,804.08	1.65931	4.945020	2	14
KY_RS	02/14/2022	15	208,829.13	1.55523	4.512266	2	14
KY_RS	02/14/2022	16	202,699.79	1.50958	3.653915	2	14
KY_RS	02/14/2022	17	207,233.31	1.54334	2.401618	2	14
KY_RS	02/14/2022	18	224,486.98	1.67184	0.756099	2	14
KY_RS	02/14/2022	19	249,026.44	1.85459	0.000000	2	14
KY_RS	02/14/2022	20	259,570.01	1.93312	0.000000	2	14
KY_RS	02/14/2022	21	261,008.90	1.94383	0.000000	2	14
KY_RS	02/14/2022	22	253,051.97	1.88457	0.000000	2	14
KY_RS	02/14/2022	23	238,848.75	1.7788	0.000000	2	14
KY_RS	02/14/2022	24	224,905.16	1.67495	0.000000	2	14
KY_RS	02/15/2022	1	217,349.75	1.61869	0.000000	2	15
KY_RS	02/15/2022	2	215,404.60	1.6042	0.000000	2	15
KY_RS	02/15/2022	3	216,575.26	1.61292	0.000000	2	15
KY_RS	02/15/2022	4	219,883.34	1.63755	0.000000	2	15
KY_RS	02/15/2022	5	226,514.37	1.68694	0.000000	2	15
KY_RS	02/15/2022	6	239,528.32	1.78386	0.000000	2	15
KY_RS	02/15/2022	7	260,536.37	1.94031	0.000000	2	15
KY_RS	02/15/2022	8	267,219.94	1.99009	0.000000	2	15
KY_RS	02/15/2022	9	248,547.77	1.85103	0.166951	2	15

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	02/15/2022	10	222,114.74	1.65417	0.509631	2	15
KY_RS	02/15/2022	11	201,048.72	1.49729	2.239865	2	15
KY_RS	02/15/2022	12	184,343.45	1.37287	1.700169	2	15
KY_RS	02/15/2022	13	172,009.63	1.28102	2.741911	2	15
KY_RS	02/15/2022	14	159,739.84	1.18964	4.351917	2	15
KY_RS	02/15/2022	15	149,724.29	1.11505	3.338272	2	15
KY_RS	02/15/2022	16	146,789.53	1.0932	2.041023	2	15
KY_RS	02/15/2022	17	153,170.91	1.14072	0.082353	2	15
KY_RS	02/15/2022	18	171,384.46	1.27636	0.007608	2	15
KY_RS	02/15/2022	19	191,081.73	1.42306	0.000000	2	15
KY_RS	02/15/2022	20	202,671.11	1.50937	0.000000	2	15
KY_RS	02/15/2022	21	203,364.71	1.51453	0.000000	2	15
KY_RS	02/15/2022	22	195,579.96	1.45656	0.000000	2	15
KY_RS	02/15/2022	23	179,544.15	1.33713	0.000000	2	15
KY_RS	02/15/2022	24	161,746.29	1.20459	0.000000	2	15
KY_RS	02/16/2022	1	148,969.17	1.10943	0.000000	2	16
KY_RS	02/16/2022	2	141,691.58	1.05523	0.000000	2	16
KY_RS	02/16/2022	3	138,624.94	1.03239	0.000000	2	16
KY_RS	02/16/2022	4	138,203.92	1.02926	0.000000	2	16
KY_RS	02/16/2022	5	141,427.45	1.05326	0.000000	2	16
KY_RS	02/16/2022	6	151,362.78	1.12726	0.000000	2	16
KY_RS	02/16/2022	7	169,060.38	1.25906	0.000000	2	16
KY_RS	02/16/2022	8	176,446.85	1.31407	0.000000	2	16
KY_RS	02/16/2022	9	167,060.62	1.24416	1.427049	2	16
KY_RS	02/16/2022	10	156,586.74	1.16616	3.130292	2	16
KY_RS	02/16/2022	11	143,717.77	1.07032	2.856880	2	16
KY_RS	02/16/2022	12	137,587.97	1.02467	2.925359	2	16
KY_RS	02/16/2022	13	132,868.36	0.98952	3.943145	2	16
KY_RS	02/16/2022	14	125,473.29	0.93445	3.854351	2	16
KY_RS	02/16/2022	15	119,898.58	0.89293	1.780286	2	16
KY_RS	02/16/2022	16	124,539.45	0.92749	2.519793	2	16
KY_RS	02/16/2022	17	135,868.90	1.01187	0.309369	2	16
KY_RS	02/16/2022	18	152,769.67	1.13773	0.402712	2	16

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	02/16/2022	19	163,666.50	1.21889	0.000000	2	16
KY_RS	02/16/2022	20	165,787.88	1.23468	0.000000	2	16
KY_RS	02/16/2022	21	163,020.55	1.21408	0.000000	2	16
KY_RS	02/16/2022	22	152,742.95	1.13753	0.000000	2	16
KY_RS	02/16/2022	23	135,593.45	1.00982	0.000000	2	16
KY_RS	02/16/2022	24	117,959.37	0.87849	0.000000	2	16
KY_RS	02/17/2022	1	105,252.78	0.78386	0.000000	2	17
KY_RS	02/17/2022	2	98,311.11	0.73216	0.000000	2	17
KY_RS	02/17/2022	3	95,025.66	0.70769	0.000000	2	17
KY_RS	02/17/2022	4	94,002.94	0.70008	0.000000	2	17
KY_RS	02/17/2022	5	95,720.50	0.71287	0.000000	2	17
KY_RS	02/17/2022	6	104,777.67	0.78032	0.000000	2	17
KY_RS	02/17/2022	7	123,215.61	0.91763	0.000000	2	17
KY_RS	02/17/2022	8	131,959.10	0.98275	0.000000	2	17
KY_RS	02/17/2022	9	129,103.56	0.96148	1.536495	2	17
KY_RS	02/17/2022	10	128,675.55	0.9583	3.250806	2	17
KY_RS	02/17/2022	11	129,237.64	0.96248	4.356625	2	17
KY_RS	02/17/2022	12	130,767.12	0.97387	5.053258	2	17
KY_RS	02/17/2022	13	132,857.45	0.98944	5.364501	2	17
KY_RS	02/17/2022	14	132,562.70	0.98724	5.301047	2	17
KY_RS	02/17/2022	15	133,839.67	0.99675	4.856966	2	17
KY_RS	02/17/2022	16	141,833.41	1.05629	4.019512	2	17
KY_RS	02/17/2022	17	154,303.21	1.14915	2.728195	2	17
KY_RS	02/17/2022	18	168,528.56	1.2551	0.989122	2	17
KY_RS	02/17/2022	19	172,186.03	1.28233	0.000000	2	17
KY_RS	02/17/2022	20	174,763.23	1.30153	0.000000	2	17
KY_RS	02/17/2022	21	178,323.26	1.32804	0.000000	2	17
KY_RS	02/17/2022	22	180,501.09	1.34426	0.000000	2	17
KY_RS	02/17/2022	23	174,308.17	1.29814	0.000000	2	17
KY_RS	02/17/2022	24	166,165.83	1.2375	0.000000	2	17
KY_RS	02/18/2022	1	158,494.75	1.18037	0.000000	2	18
KY_RS	02/18/2022	2	158,647.63	1.18151	0.000000	2	18
KY_RS	02/18/2022	3	159,722.89	1.18952	0.000000	2	18

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	02/18/2022	4	163,519.59	1.21779	0.000000	2	18
KY_RS	02/18/2022	5	171,391.88	1.27642	0.000000	2	18
KY_RS	02/18/2022	6	186,203.31	1.38673	0.000000	2	18
KY_RS	02/18/2022	7	208,742.47	1.55458	0.000000	2	18
KY_RS	02/18/2022	8	220,324.26	1.64084	0.000000	2	18
KY_RS	02/18/2022	9	216,788.89	1.61451	1.197462	2	18
KY_RS	02/18/2022	10	211,976.61	1.57867	2.296079	2	18
KY_RS	02/18/2022	11	206,052.18	1.53455	2.938735	2	18
KY_RS	02/18/2022	12	201,518.63	1.50079	3.890863	2	18
KY_RS	02/18/2022	13	195,560.00	1.45641	3.964366	2	18
KY_RS	02/18/2022	14	184,239.70	1.3721	3.380389	2	18
KY_RS	02/18/2022	15	175,971.32	1.31052	3.909273	2	18
KY_RS	02/18/2022	16	173,978.19	1.29568	3.313651	2	18
KY_RS	02/18/2022	17	178,582.37	1.32997	2.235516	2	18
KY_RS	02/18/2022	18	191,587.41	1.42682	0.856677	2	18
KY_RS	02/18/2022	19	212,248.67	1.5807	0.000000	2	18
KY_RS	02/18/2022	20	221,776.53	1.65165	0.000000	2	18
KY_RS	02/18/2022	21	223,032.75	1.66101	0.000000	2	18
KY_RS	02/18/2022	22	220,650.33	1.64327	0.000000	2	18
KY_RS	02/18/2022	23	213,135.99	1.5873	0.000000	2	18
KY_RS	02/18/2022	24	203,907.04	1.51857	0.000000	2	18
KY_RS	02/19/2022	1	195,507.12	1.45602	0.000000	2	19
KY_RS	02/19/2022	2	189,616.40	1.41214	0.000000	2	19
KY_RS	02/19/2022	3	186,666.43	1.39018	0.000000	2	19
KY_RS	02/19/2022	4	185,477.29	1.38132	0.000000	2	19
KY_RS	02/19/2022	5	185,388.68	1.38066	0.000000	2	19
KY_RS	02/19/2022	6	187,282.52	1.39476	0.000000	2	19
KY_RS	02/19/2022	7	190,364.04	1.41771	0.000000	2	19
KY_RS	02/19/2022	8	202,288.39	1.50652	0.000000	2	19
KY_RS	02/19/2022	9	216,487.50	1.61226	0.046316	2	19
KY_RS	02/19/2022	10	218,642.28	1.62831	0.365611	2	19
KY_RS	02/19/2022	11	221,218.80	1.6475	0.333108	2	19
KY_RS	02/19/2022	12	220,485.88	1.64204	1.036028	2	19

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	02/19/2022	13	214,844.65	1.60003	2.485378	2	19
KY_RS	02/19/2022	14	205,907.54	1.53347	0.804811	2	19
KY_RS	02/19/2022	15	198,277.04	1.47664	1.562702	2	19
KY_RS	02/19/2022	16	193,164.15	1.43857	1.259257	2	19
KY_RS	02/19/2022	17	194,269.63	1.4468	0.500515	2	19
KY_RS	02/19/2022	18	204,220.06	1.5209	0.002115	2	19
KY_RS	02/19/2022	19	223,673.99	1.66578	0.000000	2	19
KY_RS	02/19/2022	20	233,240.12	1.73703	0.000000	2	19
KY_RS	02/19/2022	21	234,706.48	1.74795	0.000000	2	19
KY_RS	02/19/2022	22	232,453.25	1.73117	0.000000	2	19
KY_RS	02/19/2022	23	226,557.88	1.68726	0.000000	2	19
KY_RS	02/19/2022	24	219,084.98	1.63161	0.000000	2	19
KY_RS	02/20/2022	1	213,379.69	1.58912	0.000000	2	20
KY_RS	02/20/2022	2	209,803.24	1.56248	0.000000	2	20
KY_RS	02/20/2022	3	208,591.04	1.55346	0.000000	2	20
KY_RS	02/20/2022	4	207,761.04	1.54727	0.000000	2	20
KY_RS	02/20/2022	5	208,681.13	1.55413	0.000000	2	20
KY_RS	02/20/2022	6	211,131.76	1.57238	0.000000	2	20
KY_RS	02/20/2022	7	217,061.47	1.61654	0.000000	2	20
KY_RS	02/20/2022	8	226,688.79	1.68824	0.000000	2	20
KY_RS	02/20/2022	9	228,247.12	1.69984	0.757550	2	20
KY_RS	02/20/2022	10	219,284.46	1.63309	0.883805	2	20
KY_RS	02/20/2022	11	209,571.09	1.56075	2.609353	2	20
KY_RS	02/20/2022	12	199,442.15	1.48532	5.107503	2	20
KY_RS	02/20/2022	13	188,095.44	1.40082	5.393778	2	20
KY_RS	02/20/2022	14	174,711.71	1.30114	5.347312	2	20
KY_RS	02/20/2022	15	163,531.37	1.21788	4.240504	2	20
KY_RS	02/20/2022	16	157,485.21	1.17285	3.341747	2	20
KY_RS	02/20/2022	17	158,355.73	1.17933	2.738159	2	20
KY_RS	02/20/2022	18	165,929.13	1.23574	0.404887	2	20
KY_RS	02/20/2022	19	177,745.98	1.32374	0.000000	2	20
KY_RS	02/20/2022	20	186,862.89	1.39164	0.000000	2	20
KY_RS	02/20/2022	21	184,392.73	1.37324	0.000000	2	20

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	02/20/2022	22	175,135.75	1.3043	0.000000	2	20
KY_RS	02/20/2022	23	161,595.82	1.20346	0.000000	2	20
KY_RS	02/20/2022	24	148,016.22	1.10233	0.000000	2	20
KY_RS	02/21/2022	1	137,092.77	1.02098	0.000000	2	21
KY_RS	02/21/2022	2	132,824.76	0.9892	0.000000	2	21
KY_RS	02/21/2022	3	132,025.27	0.98324	0.000000	2	21
KY_RS	02/21/2022	4	133,322.99	0.99291	0.000000	2	21
KY_RS	02/21/2022	5	137,587.19	1.02466	0.000000	2	21
KY_RS	02/21/2022	6	147,135.50	1.09577	0.000000	2	21
KY_RS	02/21/2022	7	159,785.23	1.18998	0.000000	2	21
KY_RS	02/21/2022	8	171,072.78	1.27404	0.000000	2	21
KY_RS	02/21/2022	9	165,861.65	1.23523	0.209158	2	21
KY_RS	02/21/2022	10	156,198.45	1.16327	0.664262	2	21
KY_RS	02/21/2022	11	148,003.58	1.10224	2.616879	2	21
KY_RS	02/21/2022	12	141,710.13	1.05537	4.951799	2	21
KY_RS	02/21/2022	13	139,549.85	1.03928	5.248950	2	21
KY_RS	02/21/2022	14	136,403.04	1.01584	5.144251	2	21
KY_RS	02/21/2022	15	131,280.17	0.97769	4.100295	2	21
KY_RS	02/21/2022	16	128,369.55	0.95602	2.426428	2	21
KY_RS	02/21/2022	17	134,222.40	0.9996	0.790102	2	21
KY_RS	02/21/2022	18	148,687.76	1.10733	0.338278	2	21
KY_RS	02/21/2022	19	161,445.29	1.20234	0.000000	2	21
KY_RS	02/21/2022	20	169,543.40	1.26265	0.000000	2	21
KY_RS	02/21/2022	21	165,061.92	1.22928	0.000000	2	21
KY_RS	02/21/2022	22	152,352.70	1.13463	0.000000	2	21
KY_RS	02/21/2022	23	134,517.33	1.0018	0.000000	2	21
KY_RS	02/21/2022	24	116,286.77	0.86603	0.000000	2	21
KY_RS	02/22/2022	1	103,665.75	0.77204	0.000000	2	22
KY_RS	02/22/2022	2	96,197.15	0.71642	0.000000	2	22
KY_RS	02/22/2022	3	92,707.42	0.69043	0.000000	2	22
KY_RS	02/22/2022	4	92,112.84	0.686	0.000000	2	22
KY_RS	02/22/2022	5	93,951.24	0.69969	0.000000	2	22
KY_RS	02/22/2022	6	102,498.99	0.76335	0.000000	2	22

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	02/22/2022	7	119,606.83	0.89076	0.000000	2	22
KY_RS	02/22/2022	8	127,699.13	0.95102	0.000000	2	22
KY_RS	02/22/2022	9	124,472.08	0.92699	0.000000	2	22
KY_RS	02/22/2022	10	123,645.38	0.92083	0.222436	2	22
KY_RS	02/22/2022	11	125,945.22	0.93796	0.826035	2	22
KY_RS	02/22/2022	12	127,661.46	0.95074	0.757424	2	22
KY_RS	02/22/2022	13	128,290.98	0.95543	1.299855	2	22
KY_RS	02/22/2022	14	122,580.68	0.9129	1.109774	2	22
KY_RS	02/22/2022	15	120,790.33	0.89957	0.488270	2	22
KY_RS	02/22/2022	16	126,030.95	0.9386	0.683509	2	22
KY_RS	02/22/2022	17	136,418.82	1.01596	0.440617	2	22
KY_RS	02/22/2022	18	151,282.92	1.12666	0.851374	2	22
KY_RS	02/22/2022	19	160,369.50	1.19433	0.000000	2	22
KY_RS	02/22/2022	20	162,024.42	1.20666	0.000000	2	22
KY_RS	02/22/2022	21	156,568.55	1.16602	0.000000	2	22
KY_RS	02/22/2022	22	144,746.69	1.07798	0.000000	2	22
KY_RS	02/22/2022	23	129,142.25	0.96177	0.000000	2	22
KY_RS	02/22/2022	24	114,908.46	0.85577	0.000000	2	22
KY_RS	02/23/2022	1	106,576.49	0.79372	0.000000	2	23
KY_RS	02/23/2022	2	106,025.64	0.78961	0.000000	2	23
KY_RS	02/23/2022	3	109,908.74	0.81853	0.000000	2	23
KY_RS	02/23/2022	4	117,088.00	0.872	0.000000	2	23
KY_RS	02/23/2022	5	129,079.22	0.9613	0.000000	2	23
KY_RS	02/23/2022	6	146,608.49	1.09185	0.000000	2	23
KY_RS	02/23/2022	7	173,277.20	1.29046	0.000000	2	23
KY_RS	02/23/2022	8	187,786.20	1.39851	0.000000	2	23
KY_RS	02/23/2022	9	187,674.14	1.39768	0.259530	2	23
KY_RS	02/23/2022	10	189,117.85	1.40843	3.053686	2	23
KY_RS	02/23/2022	11	190,506.65	1.41877	4.149818	2	23
KY_RS	02/23/2022	12	191,990.20	1.42982	4.844909	2	23
KY_RS	02/23/2022	13	193,331.46	1.43981	5.123513	2	23
KY_RS	02/23/2022	14	191,900.42	1.42915	5.047697	2	23
KY_RS	02/23/2022	15	192,426.16	1.43307	4.647045	2	23

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	02/23/2022	16	199,468.19	1.48551	3.834533	2	23
KY_RS	02/23/2022	17	212,226.18	1.58053	2.617578	2	23
KY_RS	02/23/2022	18	227,921.92	1.69742	0.997894	2	23
KY_RS	02/23/2022	19	238,824.93	1.77862	0.000000	2	23
KY_RS	02/23/2022	20	241,289.99	1.79698	0.000000	2	23
KY_RS	02/23/2022	21	238,686.73	1.77759	0.000000	2	23
KY_RS	02/23/2022	22	228,163.82	1.69922	0.000000	2	23
KY_RS	02/23/2022	23	212,058.46	1.57928	0.000000	2	23
KY_RS	02/23/2022	24	195,794.46	1.45815	0.000000	2	23
KY_RS	02/24/2022	1	184,532.76	1.37428	0.000000	2	24
KY_RS	02/24/2022	2	178,905.78	1.33238	0.000000	2	24
KY_RS	02/24/2022	3	176,267.65	1.31273	0.000000	2	24
KY_RS	02/24/2022	4	175,032.90	1.30354	0.000000	2	24
KY_RS	02/24/2022	5	179,289.27	1.33523	0.000000	2	24
KY_RS	02/24/2022	6	192,145.25	1.43098	0.000000	2	24
KY_RS	02/24/2022	7	211,075.51	1.57196	0.000000	2	24
KY_RS	02/24/2022	8	217,914.33	1.62289	0.042598	2	24
KY_RS	02/24/2022	9	212,131.55	1.57982	1.507591	2	24
KY_RS	02/24/2022	10	207,260.23	1.54354	3.090719	2	24
KY_RS	02/24/2022	11	202,100.26	1.50512	4.213610	2	24
KY_RS	02/24/2022	12	193,583.52	1.44169	4.870247	2	24
KY_RS	02/24/2022	13	187,708.70	1.39794	5.171914	2	24
KY_RS	02/24/2022	14	182,518.78	1.35929	5.117093	2	24
KY_RS	02/24/2022	15	182,083.06	1.35604	4.660238	2	24
KY_RS	02/24/2022	16	190,546.76	1.41907	3.833706	2	24
KY_RS	02/24/2022	17	206,364.60	1.53687	2.664190	2	24
KY_RS	02/24/2022	18	223,689.71	1.6659	1.024982	2	24
KY_RS	02/24/2022	19	231,296.60	1.72255	0.000000	2	24
KY_RS	02/24/2022	20	232,858.58	1.73419	0.000000	2	24
KY_RS	02/24/2022	21	228,190.01	1.69942	0.000000	2	24
KY_RS	02/24/2022	22	215,758.04	1.60683	0.000000	2	24
KY_RS	02/24/2022	23	196,735.86	1.46517	0.000000	2	24
KY_RS	02/24/2022	24	178,604.73	1.33014	0.000000	2	24

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	02/25/2022	1	166,501.78	1.24	0.000000	2	25
KY_RS	02/25/2022	2	159,890.24	1.19076	0.000000	2	25
KY_RS	02/25/2022	3	157,983.39	1.17656	0.000000	2	25
KY_RS	02/25/2022	4	161,532.75	1.203	0.000000	2	25
KY_RS	02/25/2022	5	167,610.52	1.24826	0.000000	2	25
KY_RS	02/25/2022	6	178,803.69	1.33162	0.000000	2	25
KY_RS	02/25/2022	7	198,769.30	1.48031	0.000000	2	25
KY_RS	02/25/2022	8	208,311.80	1.55138	0.058909	2	25
KY_RS	02/25/2022	9	208,418.73	1.55217	1.557218	2	25
KY_RS	02/25/2022	10	208,499.06	1.55277	3.116592	2	25
KY_RS	02/25/2022	11	208,129.61	1.55002	4.216969	2	25
KY_RS	02/25/2022	12	209,208.40	1.55805	4.172469	2	25
KY_RS	02/25/2022	13	209,621.34	1.56113	4.513478	2	25
KY_RS	02/25/2022	14	207,845.63	1.5479	5.149587	2	25
KY_RS	02/25/2022	15	206,551.63	1.53827	4.749418	2	25
KY_RS	02/25/2022	16	212,080.14	1.57944	3.945362	2	25
KY_RS	02/25/2022	17	221,384.12	1.64873	2.719845	2	25
KY_RS	02/25/2022	18	231,299.13	1.72257	1.087593	2	25
KY_RS	02/25/2022	19	235,382.03	1.75298	0.000000	2	25
KY_RS	02/25/2022	20	233,728.70	1.74067	0.000000	2	25
KY_RS	02/25/2022	21	229,019.34	1.70559	0.000000	2	25
KY_RS	02/25/2022	22	221,715.82	1.6512	0.000000	2	25
KY_RS	02/25/2022	23	211,091.65	1.57208	0.000000	2	25
KY_RS	02/25/2022	24	199,594.03	1.48645	0.000000	2	25
KY_RS	02/26/2022	1	189,905.82	1.4143	0.000000	2	26
KY_RS	02/26/2022	2	183,751.68	1.36847	0.000000	2	26
KY_RS	02/26/2022	3	180,568.17	1.34476	0.000000	2	26
KY_RS	02/26/2022	4	179,775.47	1.33886	0.000000	2	26
KY_RS	02/26/2022	5	181,514.56	1.35181	0.000000	2	26
KY_RS	02/26/2022	6	186,293.15	1.3874	0.000000	2	26
KY_RS	02/26/2022	7	194,127.94	1.44574	0.000000	2	26
KY_RS	02/26/2022	8	206,577.89	1.53846	0.000000	2	26
KY_RS	02/26/2022	9	219,154.80	1.63213	0.002578	2	26

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	02/26/2022	10	226,915.40	1.68992	0.642344	2	26
KY_RS	02/26/2022	11	225,643.58	1.68045	0.571679	2	26
KY_RS	02/26/2022	12	222,982.33	1.66063	1.372736	2	26
KY_RS	02/26/2022	13	218,529.39	1.62747	1.774507	2	26
KY_RS	02/26/2022	14	206,908.29	1.54092	1.144220	2	26
KY_RS	02/26/2022	15	190,341.64	1.41755	0.495136	2	26
KY_RS	02/26/2022	16	183,917.08	1.3697	0.911697	2	26
KY_RS	02/26/2022	17	187,635.76	1.39739	0.275331	2	26
KY_RS	02/26/2022	18	193,769.31	1.44307	0.033713	2	26
KY_RS	02/26/2022	19	205,392.79	1.52964	0.000000	2	26
KY_RS	02/26/2022	20	213,885.76	1.59289	0.000000	2	26
KY_RS	02/26/2022	21	215,872.06	1.60768	0.000000	2	26
KY_RS	02/26/2022	22	213,943.59	1.59332	0.000000	2	26
KY_RS	02/26/2022	23	208,562.32	1.55324	0.000000	2	26
KY_RS	02/26/2022	24	202,924.53	1.51126	0.000000	2	26
KY_RS	02/27/2022	1	196,635.58	1.46442	0.000000	2	27
KY_RS	02/27/2022	2	191,582.37	1.42679	0.000000	2	27
KY_RS	02/27/2022	3	190,635.25	1.41973	0.000000	2	27
KY_RS	02/27/2022	4	191,515.05	1.42628	0.000000	2	27
KY_RS	02/27/2022	5	195,275.31	1.45429	0.000000	2	27
KY_RS	02/27/2022	6	201,355.08	1.49957	0.000000	2	27
KY_RS	02/27/2022	7	210,036.68	1.56422	0.000000	2	27
KY_RS	02/27/2022	8	222,734.98	1.65879	0.000000	2	27
KY_RS	02/27/2022	9	222,421.25	1.65645	0.007955	2	27
KY_RS	02/27/2022	10	212,954.37	1.58595	0.504254	2	27
KY_RS	02/27/2022	11	202,772.96	1.51013	0.894622	2	27
KY_RS	02/27/2022	12	194,049.36	1.44516	0.536478	2	27
KY_RS	02/27/2022	13	185,977.94	1.38505	0.453872	2	27
KY_RS	02/27/2022	14	176,274.59	1.31278	0.664767	2	27
KY_RS	02/27/2022	15	167,597.90	1.24816	0.752638	2	27
KY_RS	02/27/2022	16	163,597.93	1.21838	1.322116	2	27
KY_RS	02/27/2022	17	165,290.24	1.23098	0.818342	2	27
KY_RS	02/27/2022	18	175,485.84	1.30691	0.023797	2	27

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	02/27/2022	19	192,294.52	1.43209	0.000000	2	27
KY_RS	02/27/2022	20	207,881.75	1.54817	0.000000	2	27
KY_RS	02/27/2022	21	209,947.87	1.56356	0.000000	2	27
KY_RS	02/27/2022	22	202,251.81	1.50625	0.000000	2	27
KY_RS	02/27/2022	23	187,500.20	1.39638	0.000000	2	27
KY_RS	02/27/2022	24	172,457.87	1.28436	0.000000	2	27
KY_RS	02/28/2022	1	163,361.26	1.21661	0.000000	2	28
KY_RS	02/28/2022	2	160,655.16	1.19646	0.000000	2	28
KY_RS	02/28/2022	3	161,206.62	1.20057	0.000000	2	28
KY_RS	02/28/2022	4	164,853.66	1.22773	0.000000	2	28
KY_RS	02/28/2022	5	172,070.29	1.28147	0.000000	2	28
KY_RS	02/28/2022	6	186,394.54	1.38815	0.000000	2	28
KY_RS	02/28/2022	7	209,220.07	1.55814	0.000000	2	28
KY_RS	02/28/2022	8	220,202.81	1.63993	0.038143	2	28
KY_RS	02/28/2022	9	199,844.67	1.48832	0.160531	2	28
KY_RS	02/28/2022	10	177,143.44	1.31925	0.275342	2	28
KY_RS	02/28/2022	11	163,070.68	1.21445	0.369215	2	28
KY_RS	02/28/2022	12	153,508.08	1.14323	0.561812	2	28
KY_RS	02/28/2022	13	146,215.98	1.08893	0.464823	2	28
KY_RS	02/28/2022	14	137,870.15	1.02677	0.373914	2	28
KY_RS	02/28/2022	15	130,649.97	0.973	0.301446	2	28
KY_RS	02/28/2022	16	130,437.46	0.97142	0.460910	2	28
KY_RS	02/28/2022	17	138,015.80	1.02786	0.153631	2	28
KY_RS	02/28/2022	18	154,636.48	1.15164	0.970189	2	28
KY_RS	02/28/2022	19	174,448.57	1.29918	0.000000	2	28
KY_RS	02/28/2022	20	186,911.02	1.392	0.000000	2	28
KY_RS	02/28/2022	21	187,263.88	1.39462	0.000000	2	28
KY_RS	02/28/2022	22	179,709.74	1.33837	0.000000	2	28
KY_RS	02/28/2022	23	165,330.21	1.23128	0.000000	2	28
KY_RS	02/28/2022	24	151,587.30	1.12893	0.000000	2	28
KY_RS	03/01/2022	1	141,811.85	1.05613	0.000000	3	1
KY_RS	03/01/2022	2	138,492.87	1.03141	0.000000	3	1
KY_RS	03/01/2022	3	137,287.10	1.02243	0.000000	3	1

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	03/01/2022	4	137,681.78	1.02537	0.000000	3	1
KY_RS	03/01/2022	5	141,235.34	1.05183	0.000000	3	1
KY_RS	03/01/2022	6	150,940.05	1.12411	0.000000	3	1
KY_RS	03/01/2022	7	168,391.51	1.25407	0.000000	3	1
KY_RS	03/01/2022	8	175,039.37	1.30358	0.103066	3	1
KY_RS	03/01/2022	9	166,298.82	1.23849	1.633346	3	1
KY_RS	03/01/2022	10	158,602.62	1.18117	3.148039	3	1
KY_RS	03/01/2022	11	146,440.03	1.09059	4.155991	3	1
KY_RS	03/01/2022	12	132,985.06	0.99039	4.000464	3	1
KY_RS	03/01/2022	13	124,337.59	0.92599	4.352677	3	1
KY_RS	03/01/2022	14	117,049.10	0.87171	4.840903	3	1
KY_RS	03/01/2022	15	111,654.88	0.83154	4.497091	3	1
KY_RS	03/01/2022	16	112,037.25	0.83438	3.737873	3	1
KY_RS	03/01/2022	17	118,333.38	0.88127	2.586459	3	1
KY_RS	03/01/2022	18	131,125.73	0.97654	1.028850	3	1
KY_RS	03/01/2022	19	145,678.82	1.08493	0.000000	3	1
KY_RS	03/01/2022	20	156,933.61	1.16874	0.000000	3	1
KY_RS	03/01/2022	21	156,157.84	1.16297	0.000000	3	1
KY_RS	03/01/2022	22	147,080.95	1.09537	0.000000	3	1
KY_RS	03/01/2022	23	131,714.18	0.98093	0.000000	3	1
KY_RS	03/01/2022	24	115,909.23	0.86322	0.000000	3	1
KY_RS	03/02/2022	1	104,631.98	0.77923	0.000000	3	2
KY_RS	03/02/2022	2	99,007.24	0.73734	0.000000	3	2
KY_RS	03/02/2022	3	98,071.16	0.73037	0.000000	3	2
KY_RS	03/02/2022	4	101,077.39	0.75276	0.000000	3	2
KY_RS	03/02/2022	5	108,566.69	0.80854	0.000000	3	2
KY_RS	03/02/2022	6	123,320.85	0.91842	0.000000	3	2
KY_RS	03/02/2022	7	147,121.84	1.09567	0.000000	3	2
KY_RS	03/02/2022	8	158,175.49	1.17799	0.000000	3	2
KY_RS	03/02/2022	9	144,170.32	1.07369	0.491736	3	2
KY_RS	03/02/2022	10	131,385.10	0.97847	0.457826	3	2
KY_RS	03/02/2022	11	122,472.33	0.9121	0.626953	3	2
KY_RS	03/02/2022	12	115,657.07	0.86134	1.211333	3	2

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	03/02/2022	13	110,806.64	0.82522	1.125532	3	2
KY_RS	03/02/2022	14	105,881.74	0.78854	1.333046	3	2
KY_RS	03/02/2022	15	102,395.72	0.76258	0.952259	3	2
KY_RS	03/02/2022	16	105,045.91	0.78232	1.302440	3	2
KY_RS	03/02/2022	17	112,348.86	0.8367	0.408872	3	2
KY_RS	03/02/2022	18	124,206.91	0.92502	0.149482	3	2
KY_RS	03/02/2022	19	137,882.94	1.02687	0.000000	3	2
KY_RS	03/02/2022	20	148,691.33	1.10736	0.000000	3	2
KY_RS	03/02/2022	21	147,239.30	1.09655	0.000000	3	2
KY_RS	03/02/2022	22	136,961.19	1.02	0.000000	3	2
KY_RS	03/02/2022	23	120,593.92	0.89811	0.000000	3	2
KY_RS	03/02/2022	24	103,073.48	0.76763	0.000000	3	2
KY_RS	03/03/2022	1	90,592.21	0.67467	0.000000	3	3
KY_RS	03/03/2022	2	84,150.62	0.6267	0.000000	3	3
KY_RS	03/03/2022	3	82,165.40	0.61192	0.000000	3	3
KY_RS	03/03/2022	4	84,273.75	0.62762	0.000000	3	3
KY_RS	03/03/2022	5	89,920.60	0.66967	0.000000	3	3
KY_RS	03/03/2022	6	103,614.32	0.77165	0.000000	3	3
KY_RS	03/03/2022	7	128,313.71	0.9556	0.000000	3	3
KY_RS	03/03/2022	8	141,997.58	1.05751	0.082694	3	3
KY_RS	03/03/2022	9	140,471.17	1.04614	0.081751	3	3
KY_RS	03/03/2022	10	139,218.75	1.03681	2.145851	3	3
KY_RS	03/03/2022	11	138,028.23	1.02795	1.247498	3	3
KY_RS	03/03/2022	12	140,195.17	1.04409	1.309238	3	3
KY_RS	03/03/2022	13	140,902.23	1.04935	1.533054	3	3
KY_RS	03/03/2022	14	133,724.02	0.99589	3.030937	3	3
KY_RS	03/03/2022	15	131,105.36	0.97639	1.814764	3	3
KY_RS	03/03/2022	16	132,078.28	0.98364	0.628746	3	3
KY_RS	03/03/2022	17	145,268.45	1.08187	0.611101	3	3
KY_RS	03/03/2022	18	166,116.19	1.23713	0.288256	3	3
KY_RS	03/03/2022	19	181,517.51	1.35183	0.000000	3	3
KY_RS	03/03/2022	20	192,560.85	1.43407	0.000000	3	3
KY_RS	03/03/2022	21	195,375.53	1.45504	0.000000	3	3

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	03/03/2022	22	188,045.79	1.40045	0.000000	3	3
KY_RS	03/03/2022	23	172,907.82	1.28771	0.000000	3	3
KY_RS	03/03/2022	24	158,084.53	1.17731	0.000000	3	3
KY_RS	03/04/2022	1	148,613.19	1.10678	0.000000	3	4
KY_RS	03/04/2022	2	144,452.06	1.07579	0.000000	3	4
KY_RS	03/04/2022	3	144,119.16	1.07331	0.000000	3	4
KY_RS	03/04/2022	4	146,528.31	1.09125	0.000000	3	4
KY_RS	03/04/2022	5	153,072.32	1.13999	0.000000	3	4
KY_RS	03/04/2022	6	166,327.09	1.2387	0.000000	3	4
KY_RS	03/04/2022	7	188,469.67	1.4036	0.000000	3	4
KY_RS	03/04/2022	8	196,733.77	1.46515	0.013795	3	4
KY_RS	03/04/2022	9	182,382.57	1.35827	0.530647	3	4
KY_RS	03/04/2022	10	167,277.26	1.24578	1.467172	3	4
KY_RS	03/04/2022	11	155,218.81	1.15597	3.191876	3	4
KY_RS	03/04/2022	12	144,627.23	1.07709	4.217276	3	4
KY_RS	03/04/2022	13	136,393.92	1.01578	4.469867	3	4
KY_RS	03/04/2022	14	127,566.87	0.95004	4.224006	3	4
KY_RS	03/04/2022	15	122,550.34	0.91268	5.092359	3	4
KY_RS	03/04/2022	16	126,385.20	0.94124	4.130659	3	4
KY_RS	03/04/2022	17	135,386.97	1.00828	2.787349	3	4
KY_RS	03/04/2022	18	146,568.75	1.09155	0.277679	3	4
KY_RS	03/04/2022	19	154,408.63	1.14994	0.000000	3	4
KY_RS	03/04/2022	20	161,609.66	1.20357	0.000000	3	4
KY_RS	03/04/2022	21	162,246.60	1.20831	0.000000	3	4
KY_RS	03/04/2022	22	158,206.49	1.17822	0.000000	3	4
KY_RS	03/04/2022	23	150,303.09	1.11936	0.000000	3	4
KY_RS	03/04/2022	24	139,684.30	1.04028	0.000000	3	4
KY_RS	03/05/2022	1	130,250.67	0.97003	0.000000	3	5
KY_RS	03/05/2022	2	123,924.81	0.92291	0.000000	3	5
KY_RS	03/05/2022	3	120,327.74	0.89613	0.000000	3	5
KY_RS	03/05/2022	4	118,416.90	0.8819	0.000000	3	5
KY_RS	03/05/2022	5	118,601.69	0.88327	0.000000	3	5
KY_RS	03/05/2022	6	121,988.85	0.9085	0.000000	3	5

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	03/05/2022	7	127,494.39	0.9495	0.000000	3	5
KY_RS	03/05/2022	8	138,723.10	1.03312	0.219468	3	5
KY_RS	03/05/2022	9	144,601.11	1.0769	1.877616	3	5
KY_RS	03/05/2022	10	142,023.93	1.05771	3.406712	3	5
KY_RS	03/05/2022	11	136,936.18	1.01982	2.999638	3	5
KY_RS	03/05/2022	12	131,423.22	0.97876	5.046333	3	5
KY_RS	03/05/2022	13	126,373.20	0.94115	5.301064	3	5
KY_RS	03/05/2022	14	121,117.64	0.90201	5.206061	3	5
KY_RS	03/05/2022	15	117,449.59	0.87469	4.342841	3	5
KY_RS	03/05/2022	16	117,194.45	0.87279	3.407769	3	5
KY_RS	03/05/2022	17	118,678.52	0.88384	2.705521	3	5
KY_RS	03/05/2022	18	122,524.21	0.91248	1.115848	3	5
KY_RS	03/05/2022	19	128,153.98	0.95441	0.000000	3	5
KY_RS	03/05/2022	20	130,915.01	0.97497	0.000000	3	5
KY_RS	03/05/2022	21	127,487.69	0.94945	0.000000	3	5
KY_RS	03/05/2022	22	121,950.54	0.90821	0.000000	3	5
KY_RS	03/05/2022	23	113,182.85	0.84292	0.000000	3	5
KY_RS	03/05/2022	24	101,777.14	0.75797	0.000000	3	5
KY_RS	03/06/2022	1	90,976.78	0.67754	0.000000	3	6
KY_RS	03/06/2022	2	82,956.20	0.61781	0.000000	3	6
KY_RS	03/06/2022	3	77,400.17	0.57643	0.000000	3	6
KY_RS	03/06/2022	4	74,490.98	0.55476	0.000000	3	6
KY_RS	03/06/2022	5	73,206.29	0.54519	0.000000	3	6
KY_RS	03/06/2022	6	73,333.66	0.54614	0.000000	3	6
KY_RS	03/06/2022	7	76,710.71	0.57129	0.000000	3	6
KY_RS	03/06/2022	8	88,139.41	0.65641	0.158064	3	6
KY_RS	03/06/2022	9	105,132.91	0.78296	1.643984	3	6
KY_RS	03/06/2022	10	119,929.11	0.89316	2.683095	3	6
KY_RS	03/06/2022	11	129,125.82	0.96165	4.286480	3	6
KY_RS	03/06/2022	12	133,316.25	0.99286	4.940763	3	6
KY_RS	03/06/2022	13	135,859.65	1.0118	5.226222	3	6
KY_RS	03/06/2022	14	135,585.53	1.00976	5.186379	3	6
KY_RS	03/06/2022	15	134,398.35	1.00092	4.734066	3	6

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	03/06/2022	16	135,156.67	1.00656	3.906245	3	6
KY_RS	03/06/2022	17	141,165.13	1.05131	2.753321	3	6
KY_RS	03/06/2022	18	148,991.28	1.10959	1.170132	3	6
KY_RS	03/06/2022	19	156,412.85	1.16487	0.000000	3	6
KY_RS	03/06/2022	20	161,406.54	1.20206	0.000000	3	6
KY_RS	03/06/2022	21	155,478.17	1.1579	0.000000	3	6
KY_RS	03/06/2022	22	141,028.64	1.05029	0.000000	3	6
KY_RS	03/06/2022	23	122,418.76	0.9117	0.000000	3	6
KY_RS	03/06/2022	24	103,174.92	0.76838	0.000000	3	6
KY_RS	03/07/2022	1	89,130.75	0.66379	0.000000	3	7
KY_RS	03/07/2022	2	80,586.70	0.60016	0.000000	3	7
KY_RS	03/07/2022	3	76,143.01	0.56707	0.000000	3	7
KY_RS	03/07/2022	4	74,434.93	0.55434	0.000000	3	7
KY_RS	03/07/2022	5	75,921.57	0.56542	0.000000	3	7
KY_RS	03/07/2022	6	84,170.72	0.62685	0.000000	3	7
KY_RS	03/07/2022	7	100,099.06	0.74548	0.000000	3	7
KY_RS	03/07/2022	8	109,693.80	0.81693	0.000000	3	7
KY_RS	03/07/2022	9	107,088.31	0.79753	0.625486	3	7
KY_RS	03/07/2022	10	108,202.84	0.80583	0.900517	3	7
KY_RS	03/07/2022	11	110,024.35	0.81939	2.532104	3	7
KY_RS	03/07/2022	12	112,631.78	0.83881	4.641004	3	7
KY_RS	03/07/2022	13	118,632.48	0.8835	4.942848	3	7
KY_RS	03/07/2022	14	121,053.43	0.90153	4.801338	3	7
KY_RS	03/07/2022	15	124,394.23	0.92641	3.027347	3	7
KY_RS	03/07/2022	16	135,389.83	1.0083	2.384852	3	7
KY_RS	03/07/2022	17	150,203.40	1.11862	2.467238	3	7
KY_RS	03/07/2022	18	169,141.72	1.25966	0.893997	3	7
KY_RS	03/07/2022	19	184,945.17	1.37736	0.000000	3	7
KY_RS	03/07/2022	20	192,104.04	1.43067	0.000000	3	7
KY_RS	03/07/2022	21	190,524.66	1.41891	0.000000	3	7
KY_RS	03/07/2022	22	180,369.61	1.34328	0.000000	3	7
KY_RS	03/07/2022	23	164,197.87	1.22284	0.000000	3	7
KY_RS	03/07/2022	24	148,257.33	1.10413	0.000000	3	7

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	03/08/2022	1	138,675.62	1.03277	0.000000	3	8
KY_RS	03/08/2022	2	133,417.96	0.99361	0.000000	3	8
KY_RS	03/08/2022	3	131,601.42	0.98009	0.000000	3	8
KY_RS	03/08/2022	4	132,257.81	0.98497	0.000000	3	8
KY_RS	03/08/2022	5	136,861.90	1.01926	0.000000	3	8
KY_RS	03/08/2022	6	148,911.79	1.109	0.000000	3	8
KY_RS	03/08/2022	7	169,950.77	1.26569	0.000000	3	8
KY_RS	03/08/2022	8	179,394.04	1.33601	0.147769	3	8
KY_RS	03/08/2022	9	173,126.39	1.28934	1.309751	3	8
KY_RS	03/08/2022	10	168,213.01	1.25275	2.671028	3	8
KY_RS	03/08/2022	11	164,533.31	1.22534	4.093339	3	8
KY_RS	03/08/2022	12	161,481.56	1.20261	3.991374	3	8
KY_RS	03/08/2022	13	156,747.94	1.16736	4.242231	3	8
KY_RS	03/08/2022	14	148,058.39	1.10265	4.169929	3	8
KY_RS	03/08/2022	15	140,558.55	1.04679	3.434327	3	8
KY_RS	03/08/2022	16	142,210.49	1.0591	2.918990	3	8
KY_RS	03/08/2022	17	154,497.32	1.1506	1.795447	3	8
KY_RS	03/08/2022	18	174,969.44	1.30306	0.488540	3	8
KY_RS	03/08/2022	19	189,493.20	1.41123	0.000000	3	8
KY_RS	03/08/2022	20	196,474.17	1.46322	0.000000	3	8
KY_RS	03/08/2022	21	195,883.83	1.45882	0.000000	3	8
KY_RS	03/08/2022	22	185,503.82	1.38152	0.000000	3	8
KY_RS	03/08/2022	23	168,048.41	1.25152	0.000000	3	8
KY_RS	03/08/2022	24	151,587.87	1.12893	0.000000	3	8
KY_RS	03/09/2022	1	141,723.60	1.05547	0.000000	3	9
KY_RS	03/09/2022	2	135,454.02	1.00878	0.000000	3	9
KY_RS	03/09/2022	3	132,853.64	0.98941	0.000000	3	9
KY_RS	03/09/2022	4	133,628.61	0.99518	0.000000	3	9
KY_RS	03/09/2022	5	138,809.68	1.03377	0.000000	3	9
KY_RS	03/09/2022	6	152,018.43	1.13214	0.000000	3	9
KY_RS	03/09/2022	7	171,042.97	1.27382	0.000000	3	9
KY_RS	03/09/2022	8	178,875.78	1.33216	0.021633	3	9
KY_RS	03/09/2022	9	171,834.94	1.27972	0.010990	3	9

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	03/09/2022	10	166,507.09	1.24004	0.256194	3	9
KY_RS	03/09/2022	11	159,433.97	1.18736	0.891744	3	9
KY_RS	03/09/2022	12	154,566.15	1.15111	0.697316	3	9
KY_RS	03/09/2022	13	148,799.69	1.10817	1.139364	3	9
KY_RS	03/09/2022	14	137,703.62	1.02553	0.625224	3	9
KY_RS	03/09/2022	15	129,976.95	0.96799	1.176596	3	9
KY_RS	03/09/2022	16	130,332.03	0.97063	1.779210	3	9
KY_RS	03/09/2022	17	136,131.59	1.01382	0.551293	3	9
KY_RS	03/09/2022	18	148,195.57	1.10367	0.263310	3	9
KY_RS	03/09/2022	19	163,095.87	1.21464	0.000000	3	9
KY_RS	03/09/2022	20	179,589.15	1.33747	0.000000	3	9
KY_RS	03/09/2022	21	183,126.63	1.36381	0.000000	3	9
KY_RS	03/09/2022	22	178,506.46	1.3294	0.000000	3	9
KY_RS	03/09/2022	23	166,031.18	1.2365	0.000000	3	9
KY_RS	03/09/2022	24	154,194.16	1.14834	0.000000	3	9
KY_RS	03/10/2022	1	146,507.63	1.0911	0.000000	3	10
KY_RS	03/10/2022	2	144,482.97	1.07602	0.000000	3	10
KY_RS	03/10/2022	3	145,997.48	1.0873	0.000000	3	10
KY_RS	03/10/2022	4	149,346.91	1.11224	0.000000	3	10
KY_RS	03/10/2022	5	156,494.45	1.16547	0.000000	3	10
KY_RS	03/10/2022	6	170,037.70	1.26633	0.000000	3	10
KY_RS	03/10/2022	7	190,922.48	1.42187	0.000000	3	10
KY_RS	03/10/2022	8	195,994.42	1.45964	0.414487	3	10
KY_RS	03/10/2022	9	177,063.53	1.31866	2.155597	3	10
KY_RS	03/10/2022	10	159,374.05	1.18692	3.760400	3	10
KY_RS	03/10/2022	11	145,664.85	1.08482	4.695216	3	10
KY_RS	03/10/2022	12	136,178.10	1.01417	5.385553	3	10
KY_RS	03/10/2022	13	129,058.64	0.96115	5.705301	3	10
KY_RS	03/10/2022	14	121,534.97	0.90512	5.605469	3	10
KY_RS	03/10/2022	15	116,969.59	0.87112	5.134919	3	10
KY_RS	03/10/2022	16	118,347.87	0.88138	4.321008	3	10
KY_RS	03/10/2022	17	125,254.98	0.93282	3.059868	3	10
KY_RS	03/10/2022	18	138,077.11	1.02831	1.325876	3	10

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	03/10/2022	19	152,933.23	1.13895	0.014660	3	10
KY_RS	03/10/2022	20	167,878.85	1.25026	0.000000	3	10
KY_RS	03/10/2022	21	171,699.67	1.27871	0.000000	3	10
KY_RS	03/10/2022	22	166,911.24	1.24305	0.000000	3	10
KY_RS	03/10/2022	23	155,007.40	1.1544	0.000000	3	10
KY_RS	03/10/2022	24	143,725.58	1.07038	0.000000	3	10
KY_RS	03/11/2022	1	136,264.46	1.01481	0.000000	3	11
KY_RS	03/11/2022	2	133,207.55	0.99205	0.000000	3	11
KY_RS	03/11/2022	3	132,529.60	0.987	0.000000	3	11
KY_RS	03/11/2022	4	135,074.30	1.00595	0.000000	3	11
KY_RS	03/11/2022	5	141,662.89	1.05502	0.000000	3	11
KY_RS	03/11/2022	6	155,160.94	1.15554	0.000000	3	11
KY_RS	03/11/2022	7	175,729.51	1.30872	0.000000	3	11
KY_RS	03/11/2022	8	182,899.22	1.36212	0.377257	3	11
KY_RS	03/11/2022	9	165,168.84	1.23007	1.963899	3	11
KY_RS	03/11/2022	10	148,860.13	1.10862	2.966707	3	11
KY_RS	03/11/2022	11	136,907.79	1.0196	3.866223	3	11
KY_RS	03/11/2022	12	129,776.11	0.96649	4.531481	3	11
KY_RS	03/11/2022	13	124,709.46	0.92876	4.648457	3	11
KY_RS	03/11/2022	14	121,898.36	0.90782	4.540098	3	11
KY_RS	03/11/2022	15	122,415.90	0.91168	4.380416	3	11
KY_RS	03/11/2022	16	131,572.66	0.97987	3.184147	3	11
KY_RS	03/11/2022	17	151,570.49	1.1288	1.637409	3	11
KY_RS	03/11/2022	18	172,939.91	1.28795	0.595920	3	11
KY_RS	03/11/2022	19	191,745.18	1.428	0.000000	3	11
KY_RS	03/11/2022	20	202,266.71	1.50636	0.000000	3	11
KY_RS	03/11/2022	21	203,750.17	1.5174	0.000000	3	11
KY_RS	03/11/2022	22	203,425.86	1.51499	0.000000	3	11
KY_RS	03/11/2022	23	194,680.52	1.44986	0.000000	3	11
KY_RS	03/11/2022	24	184,218.07	1.37194	0.000000	3	11
KY_RS	03/12/2022	1	178,623.16	1.33027	0.000000	3	12
KY_RS	03/12/2022	2	176,635.10	1.31547	0.000000	3	12
KY_RS	03/12/2022	3	178,560.90	1.32981	0.000000	3	12

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	03/12/2022	4	181,018.25	1.34811	0.000000	3	12
KY_RS	03/12/2022	5	186,441.66	1.3885	0.000000	3	12
KY_RS	03/12/2022	6	193,879.67	1.44389	0.000000	3	12
KY_RS	03/12/2022	7	206,027.23	1.53436	0.000000	3	12
KY_RS	03/12/2022	8	223,840.84	1.66703	0.000000	3	12
KY_RS	03/12/2022	9	234,219.47	1.74432	0.385547	3	12
KY_RS	03/12/2022	10	235,292.73	1.75231	0.701069	3	12
KY_RS	03/12/2022	11	240,934.13	1.79433	1.177067	3	12
KY_RS	03/12/2022	12	241,931.37	1.80175	1.642242	3	12
KY_RS	03/12/2022	13	241,797.78	1.80076	2.077584	3	12
KY_RS	03/12/2022	14	238,776.32	1.77826	2.239825	3	12
KY_RS	03/12/2022	15	233,453.41	1.73862	1.493761	3	12
KY_RS	03/12/2022	16	225,548.32	1.67974	2.155606	3	12
KY_RS	03/12/2022	17	223,182.57	1.66212	0.605823	3	12
KY_RS	03/12/2022	18	226,939.42	1.6901	0.373989	3	12
KY_RS	03/12/2022	19	242,986.32	1.80961	0.000000	3	12
KY_RS	03/12/2022	20	253,722.82	1.88957	0.000000	3	12
KY_RS	03/12/2022	21	251,334.83	1.87178	0.000000	3	12
KY_RS	03/12/2022	22	245,476.63	1.82816	0.000000	3	12
KY_RS	03/12/2022	23	235,093.09	1.75083	0.000000	3	12
KY_RS	03/12/2022	24	225,016.18	1.67578	0.000000	3	12
KY_RS	03/13/2022	1	220,407.46	1.64146	0.000000	3	13
KY_RS	03/13/2022	2	217,247.62	1.61792	0.000000	3	13
KY_RS	03/13/2022	4	217,103.07	1.61685	0.000000	3	13
KY_RS	03/13/2022	5	217,949.88	1.62315	0.000000	3	13
KY_RS	03/13/2022	6	218,160.97	1.62473	0.000000	3	13
KY_RS	03/13/2022	7	220,835.65	1.64465	0.000000	3	13
KY_RS	03/13/2022	8	227,216.90	1.69217	0.000000	3	13
KY_RS	03/13/2022	9	238,651.71	1.77733	0.000000	3	13
KY_RS	03/13/2022	10	247,731.32	1.84495	0.396800	3	13
KY_RS	03/13/2022	11	248,669.32	1.85193	1.210443	3	13
KY_RS	03/13/2022	12	230,369.91	1.71565	1.029363	3	13
KY_RS	03/13/2022	13	222,760.56	1.65898	2.712384	3	13

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	03/13/2022	14	213,311.75	1.58861	3.744030	3	13
KY_RS	03/13/2022	15	203,584.31	1.51617	4.928430	3	13
KY_RS	03/13/2022	16	189,842.45	1.41383	4.544193	3	13
KY_RS	03/13/2022	17	181,294.63	1.35017	3.798811	3	13
KY_RS	03/13/2022	18	179,226.88	1.33477	2.689092	3	13
KY_RS	03/13/2022	19	179,632.44	1.33779	0.850406	3	13
KY_RS	03/13/2022	20	190,439.97	1.41828	0.024073	3	13
KY_RS	03/13/2022	21	203,120.41	1.51271	0.000000	3	13
KY_RS	03/13/2022	22	196,984.66	1.46702	0.000000	3	13
KY_RS	03/13/2022	23	180,322.98	1.34293	0.000000	3	13
KY_RS	03/13/2022	24	161,166.00	1.20026	0.000000	3	13
KY_RS	03/14/2022	1	147,026.69	1.09496	0.000000	3	14
KY_RS	03/14/2022	2	141,147.81	1.05118	0.000000	3	14
KY_RS	03/14/2022	3	138,869.37	1.03421	0.000000	3	14
KY_RS	03/14/2022	4	140,133.01	1.04362	0.000000	3	14
KY_RS	03/14/2022	5	144,705.42	1.07768	0.000000	3	14
KY_RS	03/14/2022	6	155,828.31	1.16051	0.000000	3	14
KY_RS	03/14/2022	7	174,051.81	1.29623	0.000000	3	14
KY_RS	03/14/2022	8	181,778.80	1.35378	0.000000	3	14
KY_RS	03/14/2022	9	174,110.59	1.29667	0.243676	3	14
KY_RS	03/14/2022	10	158,895.00	1.18335	1.216378	3	14
KY_RS	03/14/2022	11	147,191.90	1.09619	2.922879	3	14
KY_RS	03/14/2022	12	138,512.04	1.03155	4.087040	3	14
KY_RS	03/14/2022	13	132,422.01	0.9862	4.744444	3	14
KY_RS	03/14/2022	14	124,596.09	0.92791	4.248207	3	14
KY_RS	03/14/2022	15	117,780.09	0.87715	4.507962	3	14
KY_RS	03/14/2022	16	116,536.14	0.86789	3.426907	3	14
KY_RS	03/14/2022	17	121,039.35	0.90143	2.596579	3	14
KY_RS	03/14/2022	18	130,461.56	0.9716	1.972086	3	14
KY_RS	03/14/2022	19	136,966.88	1.02004	0.502873	3	14
KY_RS	03/14/2022	20	145,844.90	1.08616	0.000000	3	14
KY_RS	03/14/2022	21	156,945.47	1.16883	0.000000	3	14
KY_RS	03/14/2022	22	150,562.36	1.12129	0.000000	3	14

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	03/14/2022	23	134,629.71	1.00264	0.000000	3	14
KY_RS	03/14/2022	24	116,746.60	0.86946	0.000000	3	14
KY_RS	03/15/2022	1	105,425.13	0.78514	0.000000	3	15
KY_RS	03/15/2022	2	100,599.39	0.7492	0.000000	3	15
KY_RS	03/15/2022	3	99,197.53	0.73876	0.000000	3	15
KY_RS	03/15/2022	4	100,175.85	0.74605	0.000000	3	15
KY_RS	03/15/2022	5	104,423.33	0.77768	0.000000	3	15
KY_RS	03/15/2022	6	114,943.62	0.85603	0.000000	3	15
KY_RS	03/15/2022	7	133,663.86	0.99545	0.000000	3	15
KY_RS	03/15/2022	8	142,349.21	1.06013	0.000000	3	15
KY_RS	03/15/2022	9	138,129.34	1.0287	0.361371	3	15
KY_RS	03/15/2022	10	135,214.49	1.00699	1.293412	3	15
KY_RS	03/15/2022	11	130,751.33	0.97375	1.687337	3	15
KY_RS	03/15/2022	12	120,160.02	0.89488	0.590624	3	15
KY_RS	03/15/2022	13	113,202.78	0.84306	0.137642	3	15
KY_RS	03/15/2022	14	107,088.50	0.79753	1.083853	3	15
KY_RS	03/15/2022	15	103,578.74	0.77139	1.328697	3	15
KY_RS	03/15/2022	16	104,798.19	0.78047	1.267586	3	15
KY_RS	03/15/2022	17	112,079.25	0.8347	0.687920	3	15
KY_RS	03/15/2022	18	123,684.24	0.92112	0.365557	3	15
KY_RS	03/15/2022	19	131,684.69	0.98071	1.002618	3	15
KY_RS	03/15/2022	20	137,460.29	1.02372	0.015538	3	15
KY_RS	03/15/2022	21	148,050.66	1.10259	0.000000	3	15
KY_RS	03/15/2022	22	142,660.51	1.06245	0.000000	3	15
KY_RS	03/15/2022	23	127,017.18	0.94594	0.000000	3	15
KY_RS	03/15/2022	24	109,150.14	0.81288	0.000000	3	15
KY_RS	03/16/2022	1	97,094.42	0.7231	0.000000	3	16
KY_RS	03/16/2022	2	91,605.83	0.68222	0.000000	3	16
KY_RS	03/16/2022	3	90,753.48	0.67588	0.000000	3	16
KY_RS	03/16/2022	4	93,039.90	0.6929	0.000000	3	16
KY_RS	03/16/2022	5	98,872.63	0.73634	0.000000	3	16
KY_RS	03/16/2022	6	111,527.04	0.83058	0.000000	3	16
KY_RS	03/16/2022	7	133,095.69	0.99121	0.000000	3	16

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	03/16/2022	8	145,014.58	1.07998	0.000000	3	16
KY_RS	03/16/2022	9	141,523.79	1.05398	0.011778	3	16
KY_RS	03/16/2022	10	128,274.98	0.95531	0.312936	3	16
KY_RS	03/16/2022	11	119,066.29	0.88673	0.593499	3	16
KY_RS	03/16/2022	12	113,232.63	0.84329	0.665158	3	16
KY_RS	03/16/2022	13	109,078.99	0.81235	1.075613	3	16
KY_RS	03/16/2022	14	104,326.03	0.77696	0.848875	3	16
KY_RS	03/16/2022	15	101,178.66	0.75352	1.475172	3	16
KY_RS	03/16/2022	16	102,758.74	0.76528	1.861329	3	16
KY_RS	03/16/2022	17	109,058.18	0.8122	1.478026	3	16
KY_RS	03/16/2022	18	119,317.23	0.8886	2.303123	3	16
KY_RS	03/16/2022	19	125,456.16	0.93432	0.795587	3	16
KY_RS	03/16/2022	20	131,786.90	0.98147	0.016441	3	16
KY_RS	03/16/2022	21	143,697.63	1.07017	0.000000	3	16
KY_RS	03/16/2022	22	139,940.07	1.04219	0.000000	3	16
KY_RS	03/16/2022	23	124,125.15	0.92441	0.000000	3	16
KY_RS	03/16/2022	24	105,484.92	0.78559	0.000000	3	16
KY_RS	03/17/2022	1	92,068.53	0.68567	0.000000	3	17
KY_RS	03/17/2022	2	84,602.46	0.63007	0.000000	3	17
KY_RS	03/17/2022	3	82,126.73	0.61163	0.000000	3	17
KY_RS	03/17/2022	4	83,185.58	0.61951	0.000000	3	17
KY_RS	03/17/2022	5	87,535.77	0.65191	0.000000	3	17
KY_RS	03/17/2022	6	98,348.40	0.73244	0.000000	3	17
KY_RS	03/17/2022	7	118,664.46	0.88374	0.000000	3	17
KY_RS	03/17/2022	8	130,453.93	0.97154	0.000000	3	17
KY_RS	03/17/2022	9	127,549.22	0.94991	0.006879	3	17
KY_RS	03/17/2022	10	118,069.07	0.8793	0.431067	3	17
KY_RS	03/17/2022	11	110,772.03	0.82496	0.542776	3	17
KY_RS	03/17/2022	12	105,890.20	0.7886	1.010698	3	17
KY_RS	03/17/2022	13	103,625.37	0.77174	0.667537	3	17
KY_RS	03/17/2022	14	101,209.79	0.75375	1.048612	3	17
KY_RS	03/17/2022	15	100,044.41	0.74507	1.247261	3	17
KY_RS	03/17/2022	16	103,223.14	0.76874	1.138459	3	17

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	03/17/2022	17	110,351.20	0.82183	1.400437	3	17
KY_RS	03/17/2022	18	119,127.90	0.88719	0.735291	3	17
KY_RS	03/17/2022	19	124,698.36	0.92868	0.718457	3	17
KY_RS	03/17/2022	20	128,171.52	0.95454	0.001617	3	17
KY_RS	03/17/2022	21	137,002.87	1.02031	0.000000	3	17
KY_RS	03/17/2022	22	131,791.07	0.9815	0.000000	3	17
KY_RS	03/17/2022	23	120,502.72	0.89743	0.000000	3	17
KY_RS	03/17/2022	24	102,848.80	0.76595	0.000000	3	17
KY_RS	03/18/2022	1	88,498.51	0.65908	0.000000	3	18
KY_RS	03/18/2022	2	80,169.34	0.59705	0.000000	3	18
KY_RS	03/18/2022	3	76,015.93	0.56612	0.000000	3	18
KY_RS	03/18/2022	4	74,445.02	0.55442	0.000000	3	18
KY_RS	03/18/2022	5	76,542.94	0.57004	0.000000	3	18
KY_RS	03/18/2022	6	83,205.82	0.61967	0.000000	3	18
KY_RS	03/18/2022	7	96,515.32	0.71879	0.000000	3	18
KY_RS	03/18/2022	8	106,456.14	0.79282	0.000000	3	18
KY_RS	03/18/2022	9	108,671.48	0.80932	0.339954	3	18
KY_RS	03/18/2022	10	108,399.21	0.80729	0.484446	3	18
KY_RS	03/18/2022	11	108,234.62	0.80606	0.961672	3	18
KY_RS	03/18/2022	12	109,148.49	0.81287	1.476678	3	18
KY_RS	03/18/2022	13	108,996.10	0.81173	2.749376	3	18
KY_RS	03/18/2022	14	108,329.56	0.80677	3.970962	3	18
KY_RS	03/18/2022	15	107,861.05	0.80328	4.216393	3	18
KY_RS	03/18/2022	16	112,517.95	0.83796	3.345257	3	18
KY_RS	03/18/2022	17	120,936.16	0.90066	2.889905	3	18
KY_RS	03/18/2022	18	126,957.78	0.9455	0.928377	3	18
KY_RS	03/18/2022	19	128,920.27	0.96012	0.616586	3	18
KY_RS	03/18/2022	20	129,639.86	0.96548	0.015585	3	18
KY_RS	03/18/2022	21	132,082.83	0.98367	0.000000	3	18
KY_RS	03/18/2022	22	127,223.33	0.94748	0.000000	3	18
KY_RS	03/18/2022	23	118,341.08	0.88133	0.000000	3	18
KY_RS	03/18/2022	24	106,481.14	0.79301	0.000000	3	18
KY_RS	03/19/2022	1	94,751.04	0.70565	0.000000	3	19

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	03/19/2022	2	86,544.26	0.64453	0.000000	3	19
KY_RS	03/19/2022	3	81,574.65	0.60752	0.000000	3	19
KY_RS	03/19/2022	4	79,166.35	0.58958	0.000000	3	19
KY_RS	03/19/2022	5	78,828.56	0.58707	0.000000	3	19
KY_RS	03/19/2022	6	81,597.38	0.60769	0.000000	3	19
KY_RS	03/19/2022	7	87,892.93	0.65457	0.000000	3	19
KY_RS	03/19/2022	8	98,574.18	0.73412	0.000000	3	19
KY_RS	03/19/2022	9	116,104.61	0.86467	0.032814	3	19
KY_RS	03/19/2022	10	131,368.42	0.97835	0.298359	3	19
KY_RS	03/19/2022	11	142,193.42	1.05897	0.938576	3	19
KY_RS	03/19/2022	12	148,450.83	1.10557	1.304631	3	19
KY_RS	03/19/2022	13	149,861.33	1.11607	1.173135	3	19
KY_RS	03/19/2022	14	149,787.88	1.11553	1.143216	3	19
KY_RS	03/19/2022	15	150,379.93	1.11994	1.127013	3	19
KY_RS	03/19/2022	16	154,295.55	1.1491	1.237217	3	19
KY_RS	03/19/2022	17	158,308.70	1.17898	0.913829	3	19
KY_RS	03/19/2022	18	165,014.54	1.22893	0.726568	3	19
KY_RS	03/19/2022	19	167,838.20	1.24995	0.378647	3	19
KY_RS	03/19/2022	20	168,848.90	1.25748	0.000000	3	19
KY_RS	03/19/2022	21	169,271.55	1.26063	0.000000	3	19
KY_RS	03/19/2022	22	164,217.34	1.22299	0.000000	3	19
KY_RS	03/19/2022	23	154,076.16	1.14746	0.000000	3	19
KY_RS	03/19/2022	24	143,547.46	1.06905	0.000000	3	19
KY_RS	03/20/2022	1	132,088.15	0.98371	0.000000	3	20
KY_RS	03/20/2022	2	123,354.65	0.91867	0.000000	3	20
KY_RS	03/20/2022	3	118,292.19	0.88097	0.000000	3	20
KY_RS	03/20/2022	4	114,974.44	0.85626	0.000000	3	20
KY_RS	03/20/2022	5	113,802.94	0.84753	0.000000	3	20
KY_RS	03/20/2022	6	116,828.85	0.87007	0.000000	3	20
KY_RS	03/20/2022	7	124,496.49	0.92717	0.000000	3	20
KY_RS	03/20/2022	8	137,366.69	1.02302	0.000000	3	20
KY_RS	03/20/2022	9	151,254.29	1.12645	0.070079	3	20
KY_RS	03/20/2022	10	154,363.51	1.1496	0.349803	3	20

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	03/20/2022	11	153,046.85	1.1398	1.364336	3	20
KY_RS	03/20/2022	12	150,193.37	1.11855	1.134654	3	20
KY_RS	03/20/2022	13	146,813.14	1.09337	1.907867	3	20
KY_RS	03/20/2022	14	141,239.53	1.05186	1.988071	3	20
KY_RS	03/20/2022	15	134,861.70	1.00437	1.905879	3	20
KY_RS	03/20/2022	16	131,446.90	0.97893	2.011894	3	20
KY_RS	03/20/2022	17	132,938.04	0.99004	1.318520	3	20
KY_RS	03/20/2022	18	138,241.94	1.02954	0.719572	3	20
KY_RS	03/20/2022	19	142,636.20	1.06227	0.439627	3	20
KY_RS	03/20/2022	20	148,950.62	1.10929	0.005404	3	20
KY_RS	03/20/2022	21	160,822.42	1.19771	0.000000	3	20
KY_RS	03/20/2022	22	153,681.12	1.14452	0.000000	3	20
KY_RS	03/20/2022	23	135,922.02	1.01226	0.000000	3	20
KY_RS	03/20/2022	24	117,249.71	0.8732	0.000000	3	20
KY_RS	03/21/2022	1	104,764.24	0.78022	0.000000	3	21
KY_RS	03/21/2022	2	98,995.12	0.73725	0.000000	3	21
KY_RS	03/21/2022	3	97,470.04	0.7259	0.000000	3	21
KY_RS	03/21/2022	4	99,062.44	0.73776	0.000000	3	21
KY_RS	03/21/2022	5	104,035.46	0.77479	0.000000	3	21
KY_RS	03/21/2022	6	116,011.67	0.86398	0.000000	3	21
KY_RS	03/21/2022	7	137,027.10	1.02049	0.000000	3	21
KY_RS	03/21/2022	8	148,134.83	1.10322	0.000000	3	21
KY_RS	03/21/2022	9	141,892.34	1.05673	0.621258	3	21
KY_RS	03/21/2022	10	129,668.93	0.96569	2.164033	3	21
KY_RS	03/21/2022	11	120,165.01	0.89491	3.519802	3	21
KY_RS	03/21/2022	12	113,652.25	0.84641	2.081026	3	21
KY_RS	03/21/2022	13	109,860.11	0.81817	2.792370	3	21
KY_RS	03/21/2022	14	105,586.11	0.78634	1.512421	3	21
KY_RS	03/21/2022	15	102,311.20	0.76195	0.907197	3	21
KY_RS	03/21/2022	16	104,607.66	0.77905	1.130107	3	21
KY_RS	03/21/2022	17	111,973.52	0.83391	1.398446	3	21
KY_RS	03/21/2022	18	123,406.18	0.91905	0.549050	3	21
KY_RS	03/21/2022	19	130,533.34	0.97213	0.351040	3	21

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	03/21/2022	20	136,965.45	1.02003	0.006711	3	21
KY_RS	03/21/2022	21	146,909.49	1.09409	0.000000	3	21
KY_RS	03/21/2022	22	139,380.25	1.03802	0.000000	3	21
KY_RS	03/21/2022	23	121,101.50	0.90189	0.000000	3	21
KY_RS	03/21/2022	24	101,320.87	0.75457	0.000000	3	21
KY_RS	03/22/2022	1	88,254.98	0.65727	0.000000	3	22
KY_RS	03/22/2022	2	81,026.96	0.60344	0.000000	3	22
KY_RS	03/22/2022	3	77,592.45	0.57786	0.000000	3	22
KY_RS	03/22/2022	4	77,431.46	0.57666	0.000000	3	22
KY_RS	03/22/2022	5	80,558.56	0.59995	0.000000	3	22
KY_RS	03/22/2022	6	89,620.97	0.66744	0.000000	3	22
KY_RS	03/22/2022	7	107,877.08	0.8034	0.000000	3	22
KY_RS	03/22/2022	8	117,418.28	0.87446	0.000000	3	22
KY_RS	03/22/2022	9	115,619.45	0.86106	0.721385	3	22
KY_RS	03/22/2022	10	114,651.53	0.85385	1.584051	3	22
KY_RS	03/22/2022	11	114,917.19	0.85583	3.873225	3	22
KY_RS	03/22/2022	12	116,150.96	0.86502	4.864371	3	22
KY_RS	03/22/2022	13	116,689.71	0.86903	5.481633	3	22
KY_RS	03/22/2022	14	112,089.82	0.83478	5.743253	3	22
KY_RS	03/22/2022	15	109,185.73	0.81315	5.634820	3	22
KY_RS	03/22/2022	16	112,499.45	0.83783	5.184817	3	22
KY_RS	03/22/2022	17	120,489.88	0.89733	4.318753	3	22
KY_RS	03/22/2022	18	133,512.24	0.99432	3.113696	3	22
KY_RS	03/22/2022	19	138,904.10	1.03447	1.477393	3	22
KY_RS	03/22/2022	20	142,328.14	1.05997	0.079663	3	22
KY_RS	03/22/2022	21	146,995.14	1.09473	0.000000	3	22
KY_RS	03/22/2022	22	138,715.14	1.03306	0.000000	3	22
KY_RS	03/22/2022	23	120,930.09	0.90061	0.000000	3	22
KY_RS	03/22/2022	24	102,019.54	0.75978	0.000000	3	22
KY_RS	03/23/2022	1	88,629.99	0.66006	0.000000	3	23
KY_RS	03/23/2022	2	81,131.43	0.60422	0.000000	3	23
KY_RS	03/23/2022	3	77,025.97	0.57364	0.000000	3	23
KY_RS	03/23/2022	4	76,213.46	0.56759	0.000000	3	23

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	03/23/2022	5	77,940.13	0.58045	0.000000	3	23
KY_RS	03/23/2022	6	85,679.58	0.63809	0.000000	3	23
KY_RS	03/23/2022	7	102,169.18	0.76089	0.000000	3	23
KY_RS	03/23/2022	8	109,819.32	0.81787	0.000000	3	23
KY_RS	03/23/2022	9	105,667.96	0.78695	0.746197	3	23
KY_RS	03/23/2022	10	102,126.83	0.76058	2.487229	3	23
KY_RS	03/23/2022	11	100,385.32	0.74761	3.925113	3	23
KY_RS	03/23/2022	12	101,222.08	0.75384	4.861134	3	23
KY_RS	03/23/2022	13	101,610.73	0.75673	5.431720	3	23
KY_RS	03/23/2022	14	100,127.48	0.74569	5.632094	3	23
KY_RS	03/23/2022	15	100,677.58	0.74978	5.506086	3	23
KY_RS	03/23/2022	16	105,047.88	0.78233	5.022641	3	23
KY_RS	03/23/2022	17	112,289.40	0.83626	4.208046	3	23
KY_RS	03/23/2022	18	123,454.07	0.91941	3.016675	3	23
KY_RS	03/23/2022	19	128,954.04	0.96037	1.446744	3	23
KY_RS	03/23/2022	20	133,733.63	0.99596	0.081864	3	23
KY_RS	03/23/2022	21	141,812.59	1.05613	0.000000	3	23
KY_RS	03/23/2022	22	136,800.78	1.01881	0.000000	3	23
KY_RS	03/23/2022	23	120,021.81	0.89385	0.000000	3	23
KY_RS	03/23/2022	24	103,088.80	0.76774	0.000000	3	23
KY_RS	03/24/2022	1	91,593.63	0.68213	0.000000	3	24
KY_RS	03/24/2022	2	85,723.83	0.63842	0.000000	3	24
KY_RS	03/24/2022	3	83,864.07	0.62457	0.000000	3	24
KY_RS	03/24/2022	4	85,259.45	0.63496	0.000000	3	24
KY_RS	03/24/2022	5	89,738.84	0.66832	0.000000	3	24
KY_RS	03/24/2022	6	100,778.53	0.75054	0.000000	3	24
KY_RS	03/24/2022	7	120,826.34	0.89984	0.000000	3	24
KY_RS	03/24/2022	8	131,886.44	0.98221	0.000000	3	24
KY_RS	03/24/2022	9	128,924.06	0.96015	0.197048	3	24
KY_RS	03/24/2022	10	125,806.09	0.93693	0.892099	3	24
KY_RS	03/24/2022	11	119,661.68	0.89117	2.797300	3	24
KY_RS	03/24/2022	12	116,155.38	0.86505	1.712427	3	24
KY_RS	03/24/2022	13	113,609.43	0.84609	1.662407	3	24

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	03/24/2022	14	110,831.53	0.8254	1.585351	3	24
KY_RS	03/24/2022	15	110,538.68	0.82322	4.254779	3	24
KY_RS	03/24/2022	16	113,187.54	0.84295	3.827148	3	24
KY_RS	03/24/2022	17	122,917.89	0.91542	2.909732	3	24
KY_RS	03/24/2022	18	141,086.70	1.05073	2.709544	3	24
KY_RS	03/24/2022	19	145,566.74	1.08409	1.143021	3	24
KY_RS	03/24/2022	20	152,183.90	1.13337	0.072964	3	24
KY_RS	03/24/2022	21	160,356.17	1.19423	0.000000	3	24
KY_RS	03/24/2022	22	156,049.01	1.16216	0.000000	3	24
KY_RS	03/24/2022	23	142,621.85	1.06216	0.000000	3	24
KY_RS	03/24/2022	24	127,085.74	0.94646	0.000000	3	24
KY_RS	03/25/2022	1	116,600.53	0.86837	0.000000	3	25
KY_RS	03/25/2022	2	111,326.13	0.82909	0.000000	3	25
KY_RS	03/25/2022	3	110,375.76	0.82201	0.000000	3	25
KY_RS	03/25/2022	4	111,916.12	0.83348	0.000000	3	25
KY_RS	03/25/2022	5	115,621.83	0.86108	0.000000	3	25
KY_RS	03/25/2022	6	125,349.28	0.93352	0.000000	3	25
KY_RS	03/25/2022	7	142,982.80	1.06485	0.000000	3	25
KY_RS	03/25/2022	8	151,935.42	1.13152	0.000000	3	25
KY_RS	03/25/2022	9	150,422.92	1.12026	0.056317	3	25
KY_RS	03/25/2022	10	147,240.36	1.09655	0.175552	3	25
KY_RS	03/25/2022	11	141,288.39	1.05223	0.418671	3	25
KY_RS	03/25/2022	12	147,030.59	1.09499	1.048823	3	25
KY_RS	03/25/2022	13	149,089.22	1.11032	2.494787	3	25
KY_RS	03/25/2022	14	146,902.92	1.09404	0.877871	3	25
KY_RS	03/25/2022	15	146,302.74	1.08957	1.571160	3	25
KY_RS	03/25/2022	16	152,566.20	1.13622	0.883940	3	25
KY_RS	03/25/2022	17	162,109.86	1.20729	1.424720	3	25
KY_RS	03/25/2022	18	166,813.84	1.24233	1.212223	3	25
KY_RS	03/25/2022	19	170,712.43	1.27136	0.296783	3	25
KY_RS	03/25/2022	20	173,298.93	1.29062	0.000000	3	25
KY_RS	03/25/2022	21	172,793.06	1.28685	0.000000	3	25
KY_RS	03/25/2022	22	167,395.59	1.24666	0.000000	3	25

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	03/25/2022	23	159,900.88	1.19084	0.000000	3	25
KY_RS	03/25/2022	24	150,315.74	1.11946	0.000000	3	25
KY_RS	03/26/2022	1	139,785.72	1.04104	0.000000	3	26
KY_RS	03/26/2022	2	135,617.34	1.00999	0.000000	3	26
KY_RS	03/26/2022	3	133,399.75	0.99348	0.000000	3	26
KY_RS	03/26/2022	4	133,678.57	0.99555	0.000000	3	26
KY_RS	03/26/2022	5	136,924.03	1.01972	0.000000	3	26
KY_RS	03/26/2022	6	140,882.23	1.0492	0.000000	3	26
KY_RS	03/26/2022	7	147,355.00	1.09741	0.000000	3	26
KY_RS	03/26/2022	8	160,078.86	1.19217	0.000000	3	26
KY_RS	03/26/2022	9	176,088.44	1.3114	0.371045	3	26
KY_RS	03/26/2022	10	188,043.01	1.40043	0.107973	3	26
KY_RS	03/26/2022	11	195,792.49	1.45814	1.094536	3	26
KY_RS	03/26/2022	12	200,159.58	1.49066	0.215292	3	26
KY_RS	03/26/2022	13	201,615.41	1.50151	1.007624	3	26
KY_RS	03/26/2022	14	200,078.96	1.49006	2.142181	3	26
KY_RS	03/26/2022	15	197,690.61	1.47228	0.959302	3	26
KY_RS	03/26/2022	16	195,005.76	1.45228	0.874640	3	26
KY_RS	03/26/2022	17	197,975.03	1.47439	0.401260	3	26
KY_RS	03/26/2022	18	199,557.12	1.48618	0.866244	3	26
KY_RS	03/26/2022	19	190,565.74	1.41921	1.274810	3	26
KY_RS	03/26/2022	20	194,716.09	1.45012	0.101618	3	26
KY_RS	03/26/2022	21	204,013.74	1.51937	0.000000	3	26
KY_RS	03/26/2022	22	203,302.76	1.51407	0.000000	3	26
KY_RS	03/26/2022	23	196,121.02	1.46059	0.000000	3	26
KY_RS	03/26/2022	24	185,325.64	1.38019	0.000000	3	26
KY_RS	03/27/2022	1	176,905.36	1.31748	0.000000	3	27
KY_RS	03/27/2022	2	170,015.16	1.26617	0.000000	3	27
KY_RS	03/27/2022	3	167,029.31	1.24393	0.000000	3	27
KY_RS	03/27/2022	4	166,373.43	1.23905	0.000000	3	27
KY_RS	03/27/2022	5	167,694.32	1.24888	0.000000	3	27
KY_RS	03/27/2022	6	170,624.95	1.27071	0.000000	3	27
KY_RS	03/27/2022	7	175,767.03	1.309	0.000000	3	27

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	03/27/2022	8	185,877.86	1.3843	0.000000	3	27
KY_RS	03/27/2022	9	200,853.70	1.49583	0.813820	3	27
KY_RS	03/27/2022	10	206,418.40	1.53728	0.457263	3	27
KY_RS	03/27/2022	11	203,752.30	1.51742	1.404171	3	27
KY_RS	03/27/2022	12	199,022.48	1.4822	3.420850	3	27
KY_RS	03/27/2022	13	195,102.86	1.453	3.918016	3	27
KY_RS	03/27/2022	14	188,223.71	1.40177	5.553907	3	27
KY_RS	03/27/2022	15	181,472.59	1.35149	5.464328	3	27
KY_RS	03/27/2022	16	175,699.12	1.3085	5.035115	3	27
KY_RS	03/27/2022	17	174,275.14	1.29789	4.278602	3	27
KY_RS	03/27/2022	18	177,298.97	1.32041	3.121642	3	27
KY_RS	03/27/2022	19	181,182.99	1.34934	1.541535	3	27
KY_RS	03/27/2022	20	192,408.21	1.43294	0.143527	3	27
KY_RS	03/27/2022	21	208,710.71	1.55435	0.000000	3	27
KY_RS	03/27/2022	22	205,845.99	1.53301	0.000000	3	27
KY_RS	03/27/2022	23	192,415.48	1.43299	0.000000	3	27
KY_RS	03/27/2022	24	176,894.88	1.3174	0.000000	3	27
KY_RS	03/28/2022	1	167,090.26	1.24438	0.000000	3	28
KY_RS	03/28/2022	2	163,383.64	1.21678	0.000000	3	28
KY_RS	03/28/2022	3	163,880.13	1.22048	0.000000	3	28
KY_RS	03/28/2022	4	167,766.29	1.24942	0.000000	3	28
KY_RS	03/28/2022	5	175,155.94	1.30445	0.000000	3	28
KY_RS	03/28/2022	6	189,600.72	1.41203	0.000000	3	28
KY_RS	03/28/2022	7	212,539.76	1.58286	0.000000	3	28
KY_RS	03/28/2022	8	225,349.80	1.67826	0.000000	3	28
KY_RS	03/28/2022	9	212,051.68	1.57923	0.801014	3	28
KY_RS	03/28/2022	10	191,738.65	1.42795	2.354575	3	28
KY_RS	03/28/2022	11	178,661.08	1.33056	3.649245	3	28
KY_RS	03/28/2022	12	171,317.33	1.27586	3.718780	3	28
KY_RS	03/28/2022	13	166,223.77	1.23793	3.163976	3	28
KY_RS	03/28/2022	14	158,944.82	1.18372	3.423661	3	28
KY_RS	03/28/2022	15	152,138.95	1.13304	3.623812	3	28
KY_RS	03/28/2022	16	149,333.47	1.11214	1.082140	3	28

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	03/28/2022	17	152,228.26	1.1337	1.097811	3	28
KY_RS	03/28/2022	18	162,268.09	1.20847	0.756935	3	28
KY_RS	03/28/2022	19	169,179.91	1.25995	0.523783	3	28
KY_RS	03/28/2022	20	179,424.92	1.33624	0.051255	3	28
KY_RS	03/28/2022	21	194,373.91	1.44758	0.000000	3	28
KY_RS	03/28/2022	22	191,726.06	1.42786	0.000000	3	28
KY_RS	03/28/2022	23	177,416.09	1.32128	0.000000	3	28
KY_RS	03/28/2022	24	163,274.38	1.21597	0.000000	3	28
KY_RS	03/29/2022	1	153,784.55	1.14529	0.000000	3	29
KY_RS	03/29/2022	2	149,959.68	1.11681	0.000000	3	29
KY_RS	03/29/2022	3	148,880.15	1.10877	0.000000	3	29
KY_RS	03/29/2022	4	150,205.35	1.11864	0.000000	3	29
KY_RS	03/29/2022	5	153,856.26	1.14583	0.000000	3	29
KY_RS	03/29/2022	6	164,565.13	1.22558	0.000000	3	29
KY_RS	03/29/2022	7	184,287.74	1.37246	0.000000	3	29
KY_RS	03/29/2022	8	193,277.90	1.43941	0.000000	3	29
KY_RS	03/29/2022	9	188,232.66	1.40184	0.761131	3	29
KY_RS	03/29/2022	10	183,579.61	1.36719	1.844831	3	29
KY_RS	03/29/2022	11	182,197.12	1.35689	2.473382	3	29
KY_RS	03/29/2022	12	177,222.29	1.31984	2.990446	3	29
KY_RS	03/29/2022	13	171,466.99	1.27698	3.684572	3	29
KY_RS	03/29/2022	14	162,832.60	1.21268	3.845600	3	29
KY_RS	03/29/2022	15	154,569.20	1.15114	2.913956	3	29
KY_RS	03/29/2022	16	163,029.11	1.21414	2.781170	3	29
KY_RS	03/29/2022	17	177,614.51	1.32276	1.287141	3	29
KY_RS	03/29/2022	18	194,305.22	1.44706	0.235868	3	29
KY_RS	03/29/2022	19	199,784.18	1.48787	0.020303	3	29
KY_RS	03/29/2022	20	200,797.07	1.49541	0.000000	3	29
KY_RS	03/29/2022	21	202,394.02	1.5073	0.000000	3	29
KY_RS	03/29/2022	22	191,821.00	1.42856	0.000000	3	29
KY_RS	03/29/2022	23	173,047.18	1.28875	0.000000	3	29
KY_RS	03/29/2022	24	153,125.96	1.14039	0.000000	3	29
KY_RS	03/30/2022	1	139,005.74	1.03523	0.000000	3	30

Rate Class	Date	Hour	Usage	AVG CUST	AC System Output (Hours 1-24 Format) EPT	Month	Day
KY_RS	03/30/2022	2	132,112.99	0.9839	0.000000	3	30
KY_RS	03/30/2022	3	128,875.21	0.95978	0.000000	3	30
KY_RS	03/30/2022	4	128,138.98	0.9543	0.000000	3	30
KY_RS	03/30/2022	5	130,564.96	0.97237	0.000000	3	30
KY_RS	03/30/2022	6	139,225.77	1.03687	0.000000	3	30
KY_RS	03/30/2022	7	155,586.55	1.15871	0.000000	3	30
KY_RS	03/30/2022	8	159,578.10	1.18844	0.000000	3	30
KY_RS	03/30/2022	9	147,005.82	1.09481	0.822050	3	30
KY_RS	03/30/2022	10	130,487.30	0.97179	2.356755	3	30
KY_RS	03/30/2022	11	119,948.48	0.8933	3.365201	3	30
KY_RS	03/30/2022	12	110,683.08	0.8243	3.842547	3	30
KY_RS	03/30/2022	13	105,600.13	0.78644	3.800099	3	30
KY_RS	03/30/2022	14	101,078.78	0.75277	4.006799	3	30
KY_RS	03/30/2022	15	98,157.04	0.73101	3.818363	3	30
KY_RS	03/30/2022	16	101,997.62	0.75961	3.274444	3	30
KY_RS	03/30/2022	17	110,083.57	0.81983	2.401782	3	30
KY_RS	03/30/2022	18	119,528.62	0.89017	1.886635	3	30
KY_RS	03/30/2022	19	123,854.83	0.92239	0.859246	3	30
KY_RS	03/30/2022	20	130,073.37	0.96871	0.118296	3	30
KY_RS	03/30/2022	21	141,341.05	1.05262	0.000000	3	30
KY_RS	03/30/2022	22	137,814.14	1.02635	0.000000	3	30
KY_RS	03/30/2022	23	123,033.63	0.91628	0.000000	3	30
KY_RS	03/30/2022	24	104,691.88	0.77968	0.000000	3	30
KY_RS	03/31/2022	1	38,827.55	0.28916	0.000000	3	31
KY_RS	03/31/2022	2	80,148.98	0.5969	0.000000	3	31
KY_RS	03/31/2022	3	74,114.56	0.55196	0.000000	3	31
KY_RS	03/31/2022	4	71,992.12	0.53615	0.000000	3	31
KY_RS	03/31/2022	5	72,789.80	0.54209	0.000000	3	31
KY_RS	03/31/2022	6	79,293.32	0.59053	0.000000	3	31
KY_RS	03/31/2022	7	94,942.27	0.70707	0.000000	3	31
KY_RS	03/31/2022	8	104,100.99	0.77528	0.000000	3	31
KY_RS	03/31/2022	9	102,785.11	0.76548	0.344646	3	31
KY_RS	03/31/2022	10	105,344.54	0.78454	0.865718	3	31

Duke Energy Kentucky
Case No. 2023-00413
KYSEIA's First Set Post Hearing Data Requests
Date Received: May 24, 2024

KYSEIA-PHDR-01-002

REQUEST:

Reference: Duke Response to KYSEIA 2nd Request for Information, Item 9, Attachment 1 and Attachment 2. State, separately for each attachment, whether the total number of hours observed in each schedule corresponds to 8,760 data points for the hours of the period. If the total number of hours observed in an attachment does not correspond to 8,760 data points, state the number of data points for the schedule in the attachment.

RESPONSE:

For KYSEIA-DR-02-009 Attachment 1, there are 8,760 data points. Please see the Company's response to KYSEIA-PHDR-01-001 for additional information.

For KYSEIA-DR-02-009 Attachment 2, there are 8,759 data points. This is a load research format that recognizes daylight savings time by "springing forward" during the March transition resulting in a missing hour. In this case, hour 3 on March 13. The November "falling back" hour, November 7, that results in two observations for hour ending 2:00 am are averaged into one hourly value. Please see the Company's response to KYSEIA-PHDR-01-001 for additional information.

PERSON RESPONSIBLE: Bruce L. Sailors