

November 2, 2022

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PUBLIC SERVICE
COMMISSION

Ms. Linda C. Bridwell
Executive Director
Kentucky Public Service Commission
211 Sower Boulevard
Frankfort, Kentucky 40602

RE: Case No. 2002-00240, Case No. 2004-00393 Duke Energy Kentucky Rider NM Annual Informational Report

Dear Ms. Bridwell:

In its order dated September 13, 2002 in Case No. 2002-00240, the Commission ordered Duke Energy Kentucky to file information on Rider NM (Net Metering Rider) for the preceding twelve months ending August 31. Following is information pertaining to Duke Energy Kentucky's Net Metering program as of August 31, 2022:

- a) **The number of customers, separately identifying residential customers and school customers:**
Five hundred twenty-six residential customers and eighteen commercial customers are participating in net metering.
- b) **The amount of energy, in kilowatt-hours, delivered to and received from, each customer for the 12 months ended August 31:** The Company delivered the net amount of 7,735,513 kWh to the commercial customers and received 8,862 kWh from the customers from 09/01/2021 through 03/31/2022 (legacy system). The Company delivered the net amount of 1,141,308 kWh to the residential customers from 09/01/2021 through 03/31/2022 (legacy system). The company delivered the net amount of 938,195 kWh to the commercial customers and received 95,934 kWh from the customers from 04/01/2022 through 08/31/2022. The Company delivered the net amount of 1,974,995 kWh to the residential customers and received 785,583 kWh from the customers from 04/01/2022 through 08/31/2022. Each month, on a net basis, the Company delivered energy to each of these customers. The Company does not know if the customers delivered energy to the Company during any specific hours because these customers meters are reported by month.
- c) **A schedule which identifies, by customer, the period of time (on-peak or off-peak) during each month in which energy was received from the customer and the amount of energy received during each period:** With the implementation of the company's new billing system starting on 04/01/2022 the company is able to capture the amount of energy received from customers by month. See chart on the following pages.

Sum of KWH to Duke Rate/Customers	Month					Grand Total
	04	05	06	07	08	
KY - Electric						
Commercial	6,523	12,201	14,862	18,981	6,937	59,504
1			1,077	1,345	1,013	3,435
2		3,258	3,831	3,990		11,079
3	2,581	3,523	4,227	4,734		15,065
4	1,710	1,991	2,093	1,811	1,519	9,123
5				2,788	2,809	5,596
6	1,321	2,049	2,039	2,413		7,822
7	911	1,380	1,594	1,901	1,597	7,383
KY - Electric Residential	57,323	121,162	99,082	76,171	43,275	397,013
1	484	555		463		1,502
2		506				506
3		940				940
4	504	646				1,150
5	877	914	949	871	719	4,330
6	647	573				1,220
7	569	813	843			2,225
8		896	1,053			1,949
9		382				382
10		827	885	1,016		2,728
11		2,115	2,016			4,131
12			495		430	925
13	994	1,141	1,268	1,177	846	5,426
14				1,329	1,587	2,916
15	327					327
16	300					300
17		390	422	509		1,321
18			537			537
19				927		927
20		454	388			842
21					332	332
22	386	480	624	525		2,015
23	1,213	1,186	1,207			3,606
24		981	1,130	1,263	838	4,212
25	268	339	343			950
26					538	538
27		328				328
28	980					980
29	500	398				898

30	537	755	831			2,123
31		457				457
32					1,011	1,011
33		176				176
34	613	621				1,234
35	322	388	345			1,055
36			620			620
37		977	1,070	1,058		3,105
38	371	474				845
39		375	435			810
40	627	802	791	851		3,071
41		1,072	1,273	1,314		3,659
42	1,227	1,588	1,474	1,932	1,340	7,561
43		1,099	1,464		1,260	3,823
44		634				634
45		476	383			859
46		964	919	1,019	626	3,528
47		805	787			1,592
48		172				172
49	1,688	2,273	2,574	2,912	2,387	11,834
50	506	645				1,151
51		409	471		361	1,241
52		453	647	559		1,659
53		992	1,187	1,187		3,366
54	923	831	1,039			2,793
55		457	626			1,083
56			639			639
57		626	643			1,269
58		682	924	889		2,495
59		1,169	1,337	1,048	1,017	4,571
60		1,060				1,060
61		612	879	656		2,147
62	440	397				837
63	359	386	358			1,103
64	1,321	1,497	1,411	1,477		5,706
65	536	459				995
66	95					95
67	1,336	1,704	1,896	1,464	1,226	7,626
68	589	648	693			1,930
69				966		966
70	556	556				1,112
71				840		840

72	580	519	519			1,618
73		566				566
74					585	585
75		564	720	644	610	2,538
76		521				521
77		332				332
78		677	665	668		2,010
79		398				398
80		573				573
81		657	892	633	671	2,853
82		1,019	878			1,897
83	384	547				931
84		200				200
85	680	600				1,280
86	567	580				1,147
87		269				269
88		919	924			1,843
89	1,066	878	1,844	1,150	1,119	6,057
90		315	435	409	360	1,519
91		939				939
92	649	928	1,007	1,038	774	4,396
93		537		632		1,169
94		672	676			1,348
95	685	879				1,564
96	546	649	548	719		2,462
97	165	692				857
98			896	904	765	2,565
99		760				760
100		372				372
101		712				712
102				1,613		1,613
103		403				403
104				697	670	1,367
105	728	930	853	857	753	4,121
106	307	359	476	456		1,598
107	1,095	1,301	1,317	1,568	1,097	6,378
108				118		118
109					450	450
110	486	533				1,019
111	550	602				1,152
112	640	729				1,369
113		508				508

114	1,146	1,494	1,604	1,448	1,250	6,942
115	1,791	2,414	2,079	1,320	1,280	8,884
116		757				757
117	478	494	469			1,441
118	1,345	1,566	1,995	1,696	1,485	8,087
119		383	419		319	1,121
120					155	155
121	907	1,167	1,313	1,109	856	5,352
122				2,118		2,118
123	537	544	649			1,730
124	961	1,284	1,089	1,157		4,491
125			669	1,024		1,693
126			673	665		1,338
127		893	921	1,059		2,873
128	1,024	962		1,161	971	4,118
129			467	629		1,096
130	699	850	1,075	1,026	1,013	4,663
131		535				535
132	271	381	384	394		1,430
133		901				901
134	504	562				1,066
135	800	679	826			2,305
136		622				622
137		751				751
138		450				450
139		1,394	1,359			2,753
140	272	363	402	359	314	1,710
141	663					663
142		922	1,157	1,271	800	4,150
143		700				700
144	427	691	808	765	674	3,365
145		562				562
146		421	401			822
147				898	857	1,755
148				675		675
149	469	600	798	641	459	2,967
150		630				630
151	302	417	465			1,184
152	167					167
153		753	879			1,632
154			1,151			1,151
155	624	941	1,019	1,262		3,846

156		406				406
157		350	430			780
158	849	1,139	1,065	1,286		4,339
159		630	736	749	593	2,708
160	253	327	284			864
161	510	593	610			1,713
162		402				402
163		479	422			901
164		673	655	744		2,072
165	642	816	794	921		3,173
166	506	612	554	656	551	2,879
167	881	1,182	1,353	1,309	1,114	5,839
168		502				502
169	433	651	769	685	497	3,035
170	1,233	1,252	1,402			3,887
171	824	1,041	946	929		3,740
172		887				887
173		873	1,023	1,229	821	3,946
174		1,169	1,230	1,421	1,096	4,916
175	209	278				487
176				277	232	509
177		637	739	1,014		2,390
178		511				511
179		556				556
180		665	698			1,363
181		511				511
182	534	567				1,101
183				1,037		1,037
184	680	718	715			2,113
185		329	311			640
186	697	934	1,156	1,327	967	5,081
187		388	360			748
188	262	360	358			980
189	343	389				732
190					706	706
191	437	591	636			1,664
192	600	760				1,360
193					903	903
194	383	426				809
195	660	791	734			2,185
196	833					833
197		568	563	672		1,803

198	483	611				1,094
199		678	871			1,549
200		1,327	1,553			2,880
201	630					630
202	303	290	337			930
203			970			970
204		776	855	941	707	3,279
205	1,528	2,240	2,356	1,939	1,729	9,792
206					554	554
Grand Total	63,846	133,363	113,944	95,152	50,212	456,517

- d) A listing by month, by customer, that shows any kWh banked amounts resulting from the customer generating more electricity than was consumed during the month. This banked amount is used to offset months where the customer consumed more electricity than was generated. Customers no longer receive revenue credits for excess generation:

Sum of Net kWh	Month					Grand Total
Customer	04	05	06	07	08	Total
KY - Electric Commercial	(2,326)	(5,749)	(7,278)	(9,193)	(3,697)	(28,243)
1			(504)	(830)	(231)	(1,565)
2		(272)	(723)	(833)		(1,828)
3	(241)	(1,250)	(1,667)	(2,057)		(5,215)
4	(1,425)	(1,865)	(1,846)	(1,470)	(1,194)	(7,800)
5				(955)	(1,168)	(2,123)
6	(433)	(1,524)	(1,333)	(1,545)		(4,835)
7	(227)	(838)	(1,204)	(1,504)	(1,105)	(4,877)
KY - Electric Residential	(17,443)	(50,324)	(41,701)	(29,315)	(14,634)	(153,417)
1	(61)	(184)		(50)		(295)
2		(24)				(24)
3		(189)				(189)
4	(32)	(287)				(319)
5	(122)	(422)	(300)	(43)	(12)	(899)
6	(202)	(122)				(324)
7	(209)	(458)	(221)			(888)
8		(388)	(446)			(834)
9		(87)				(87)
10		(406)	(340)	(265)		(1,011)
11		(1,203)	(870)			(2,073)
12			(163)		(47)	(210)
13	(275)	(707)	(599)	(444)	(298)	(2,323)

14				(705)	(1,108)	(1,813)
15	(39)					(39)
16	(19)					(19)
17		(39)	(58)	(55)		(152)
18			(10)			(10)
19				(81)		(81)
20		(204)	(15)			(219)
21					(12)	(12)
22	(154)	(306)	(352)	(75)		(887)
23	(122)	(346)	(73)			(541)
24		(322)	(663)	(624)	(221)	(1,830)
25	(123)	(166)	(17)			(306)
26					(113)	(113)
27		(24)				(24)
28	(498)					(498)
29	(326)	(22)				(348)
30	(87)	(404)	(92)			(583)
31		(41)				(41)
32					(274)	(274)
33		(7)				(7)
34	(299)	(38)				(337)
35	(236)	(296)	(123)			(655)
36			(483)			(483)
37		(147)	(589)	(371)		(1,107)
38	(69)	(51)				(120)
39		(1)	(30)			(31)
40	(40)	(145)	(138)	(39)		(362)
41		(96)	(535)	(428)		(1,059)
42	(103)	(827)	(662)	(940)	(394)	(2,926)
43		(118)	(472)		(32)	(622)
44		(46)				(46)
45		(245)	(11)			(256)
46		(518)	(569)	(489)	(87)	(1,663)
47		(72)	(24)			(96)
48		(84)				(84)
49	(86)	(1,097)	(1,647)	(1,960)	(1,069)	(5,859)
50	(28)	(295)				(323)
51		(191)	(198)		(110)	(499)
52		(70)	(413)	(141)		(624)
53		(174)	(495)	(577)		(1,246)
54	(244)	(420)	(530)			(1,194)
55		(78)	(194)			(272)

56			(554)			(554)
57		(314)	(157)			(471)
58		(35)	(383)	(16)		(434)
59		(673)	(618)	(218)	(132)	(1,641)
60		(225)				(225)
61		(455)	(837)	(239)		(1,531)
62	(73)	(50)				(123)
63	(175)	(203)	(15)			(393)
64	(453)	(965)	(694)	(590)		(2,702)
65	(227)	(116)				(343)
66	(15)					(15)
67	(915)	(1,341)	(1,548)	(930)	(503)	(5,237)
68	(235)	(304)	(148)			(687)
69				(233)		(233)
70	(183)	(193)				(376)
71				(101)		(101)
72	(287)	(203)	(65)			(555)
73		(49)				(49)
74					(41)	(41)
75		(419)	(362)	(188)	(222)	(1,191)
76		(19)				(19)
77		(12)				(12)
78		(196)	(216)	(48)		(460)
79		(116)				(116)
80		(263)				(263)
81		(334)	(473)	(203)	(222)	(1,232)
82		(469)	(196)			(665)
83	(81)	(271)				(352)
84		(7)				(7)
85	(280)	(120)				(400)
86	(8)	(91)				(99)
87		(59)				(59)
88		(137)	(89)			(226)
89	(185)	(504)	(1,319)	(603)	(544)	(3,155)
90		(77)	(147)	(112)	(121)	(457)
91		(105)				(105)
92	(115)	(499)	(611)	(609)	(388)	(2,222)
93		(55)		(75)		(130)
94		(336)	(437)			(773)
95	(250)	(471)				(721)
96	(212)	(298)	(49)	(202)		(761)
97	(65)	(470)				(535)

98			(433)	(468)	(297)	(1,198)
99		(36)				(36)
100		(155)				(155)
101		(142)				(142)
102				(533)		(533)
103		(26)				(26)
104				(206)	(128)	(334)
105	(282)	(536)	(238)	(225)	(27)	(1,308)
106	(32)	(142)	(73)	(68)		(315)
107	(460)	(827)	(811)	(1,041)	(583)	(3,722)
108				(28)		(28)
109					(50)	(50)
110	(135)	(141)				(276)
111	(60)	(81)				(141)
112	(211)	(297)				(508)
113		(130)				(130)
114	(68)	(931)	(982)	(880)	(488)	(3,349)
115	(188)	(1,960)	(2,023)	(1,228)	(1,138)	(6,537)
116		(193)				(193)
117	(261)	(321)	(105)			(687)
118	(374)	(925)	(1,018)	(606)	(334)	(3,257)
119		(127)	(119)		(24)	(270)
120					(63)	(63)
121	(500)	(848)	(851)	(527)	(239)	(2,965)
122				(446)		(446)
123	(298)	(302)	(251)			(851)
124	(295)	(697)	(356)	(8)		(1,356)
125			(327)	(414)		(741)
126			(187)	(145)		(332)
127		(512)	(519)	(524)		(1,555)
128	(520)	(424)		(615)	(497)	(2,056)
129			(11)	(522)		(533)
130	(156)	(349)	(447)	(345)	(514)	(1,811)
131		(80)				(80)
132	(104)	(220)	(163)	(84)		(571)
133		(163)				(163)
134	(111)	(146)				(257)
135	(5)	(198)	(215)			(418)
136		(370)				(370)
137		(33)				(33)
138		(23)				(23)
139		(674)	(442)			(1,116)

140	(138)	(342)	(375)	(307)	(260)	(1,422)
141	(17)					(17)
142		(151)	(518)	(451)	(9)	(1,129)
143		(132)				(132)
144	(293)	(342)	(273)	(231)	(92)	(1,231)
145		(45)				(45)
146		(155)	(84)			(239)
147				(172)	(178)	(350)
148				(18)		(18)
149	(58)	(283)	(505)	(202)	(18)	(1,066)
150		(285)				(285)
151	(125)	(278)	(158)			(561)
152	(54)					(54)
153		(179)	(239)			(418)
154			(479)			(479)
155	(98)	(487)	(456)	(732)		(1,773)
156		(107)				(107)
157		(27)	(51)			(78)
158	(114)	(484)	(345)	(259)		(1,202)
159		(272)	(309)	(158)	(5)	(744)
160	(110)	(239)	(19)			(368)
161	(289)	(390)	(96)			(775)
162		(37)				(37)
163		(271)	(111)			(382)
164		(127)	(72)	(84)		(283)
165	(272)	(466)	(151)	(219)		(1,108)
166	(325)	(446)	(281)	(289)	(268)	(1,609)
167	(388)	(847)	(836)	(699)	(444)	(3,214)
168		(59)				(59)
169	(23)	(371)	(411)	(292)	(16)	(1,113)
170	(113)	(402)	(26)			(541)
171	(526)	(593)	(325)	(95)		(1,539)
172		(450)				(450)
173		(304)	(587)	(705)	(314)	(1,910)
174		(164)	(240)	(176)	(263)	(843)
175	(53)	(146)				(199)
176				(30)	(30)	(60)
177		(556)	(659)	(896)		(2,111)
178		(40)				(40)
179		(162)				(162)
180		(66)	(130)			(196)
181		(75)				(75)

182	(190)	(122)				(312)
183				(97)		(97)
184	(294)	(398)	(177)			(869)
185		(82)	(11)			(93)
186	(545)	(830)	(1,043)	(1,053)	(808)	(4,279)
187		(55)	(13)			(68)
188	(83)	(202)	(92)			(377)
189	(37)	(82)				(119)
190					(129)	(129)
191	(188)	(408)	(137)			(733)
192	(240)	(440)				(680)
193					(359)	(359)
194	(69)	(107)				(176)
195	(402)	(532)	(133)			(1,067)
196	(541)					(541)
197		(302)	(178)	(105)		(585)
198	(95)	(226)				(321)
199		(259)	(129)			(388)
200		(449)	(64)			(513)
201	(287)					(287)
202	(168)	(142)	(1)			(311)
203			(74)			(74)
204		(447)	(550)	(571)	(273)	(1,841)
205	(115)	(1,631)	(1,542)	(907)	(770)	(4,965)
206					(66)	(66)
Grand total	(19,769)	(56,073)	(48,979)	(38,508)	(18,331)	(181,660)

Very truly yours,

/s/Kelly Berg

Kelly Berg

bcc: J. Ziolkowski
R. D'Ascenzo