Licking Valley Rural Electric Cooperative Corporation

2020 Load Forecast

November 2020

Prepared by: EKPC's Load Forecasting Department

Table of Contents

	Page Number
Introduction and Executive Summary	3
Narrative	9
Key Assumptions	11
Methodology and Results	15
- Residential Forecast	18
- Small Commercial	20
- Large Commercial	22
- Peak Day Weather Scenarios	24

EAST KENTUCKY POWER COOPERATIVE
A Touchstone Energy Cooperative

Introduction
Executive Summary

Licking Valley Rural Electric Cooperative Corporation (Licking Valley RECC), located in West Liberty, Kentucky, is an electric distribution cooperative that serves members in eight counties. This load forecast report contains Licking Valley RECC's long-range forecast of energy and peak demand.

Licking Valley RECC and its power supplier, East Kentucky Power Cooperative (EKPC), worked jointly to prepare the load forecast. Factors considered in preparing the forecast include the national and local economy, population and housing trends, service area industrial development, electric price, household income, weather, and appliance efficiency changes.

EKPC prepared a preliminary load forecast, which was reviewed by Licking Valley RECC for reasonability. Final projections reflect a rigorous analysis of historical data combined with the experience and judgment of the General Manager/CEO and staff of Licking Valley RECC. Key assumptions are reported beginning on page 11.

Executive Summary *(continued)*

The load forecast is prepared every two years as part of the overall planning cycle at EKPC and Licking Valley RECC. Cooperation helps to ensure that the forecast meets both parties' needs. Licking Valley RECC uses the forecast in developing three-year work plans, long-range work plans, and financial forecasts. EKPC uses the forecast in areas of generation planning, transmission planning, demand-side planning, marketing analysis, and financial forecasting.

The complete load forecast for Licking Valley RECC is reported in Table 1-1 on pages 5 and 6. Residential and commercial sales, total purchases, winter and summer peak demands, and load factor are presented for the years 2010 through 2040.

Table 1-1
MWh Summary

Year	Residential Sales (MWh)	Small Comm. Sales (MWh)	Public Buildings (MWh)	Large Comm. Sales (MWh)	Total Sales (MWh)	Office Use (MWh)	% Loss	Purchased Power (MWh)
2010	212,952	47,052	0	14,458	274,463	216	6.3	293,032
2011	194,773	47,503	0	14,046	256,322	216	6.4	274,175
2012	186,413	45,622	0	13,759	245,795	161	7.4	265,663
2013	198,091	40,028	0	19,792	257,911	170	5.5	273,144
2014	198,291	43,456	0	16,938	258,685	169	6.7	277,479
2015	188,336	41,883	0	14,644	244,863	151	6.7	262,567
2016	190,959	40,936	0	14,289	246,184	149	6.2	262,488
2017	180,990	39,446	0	13,740	234,176	143	5.1	247,024
2018	191,363	40,833	0	13,755	245,951	183	7.7	266,561
2019	186,849	40,490	0	12,477	239,815	159	6.1	255,561
2020	191,288	38,404	0	11,761	241,453	157	6.2	257,467
2021	193,007	39,383	0	11,761	244,151	157	6.2	260,342
2022	193,185	40,293	0	11,761	245,239	157	6.2	261,501
2023	193,197	40,802	0	11,761	245,760	157	6.2	262,057
2024	193,330	41,065	0	11,761	246,155	157	6.2	262,478
2025	193,463	40,949	0	11,761	246,172	157	6.2	262,496
2026	193,678	40,851	0	11,761	246,290	157	6.2	262,622
2027	194,295	40,729	0	11,761	246,784	157	6.2	263,148
2028	195,269	40,661	0	11,761	247,692	157	6.2	264,115
2029	195,474	40,385	0	11,761	247,620	157	6.2	264,039
2030	195,524	40,145	0	11,761	247,430	157	6.2	263,836
2031	195,662	39,977	0	11,761	247,400	157	6.2	263,804
2032	196,440	39,997	0	11,761	248,198	157	6.2	264,655
2033	196,745	39,814	0	11,761	248,320	157	6.2	264,784
2034	197,322	39,762	0	11,761	248,845	157	6.2	265,344
2035	197,898	39,736	0	11,761	249,395	157	6.2	265,930
2036	198,671	39,827	0	11,761	250,259	157	6.2	266,851
2037	198,865	39,738	0	11,761	250,364	157	6.2	266,962
2038	199,254	39,752	0	11,761	250,766	157	6.2	267,391
2039	200,228	39,778	0	11,761	251,767	157	6.2	268,458
2040	201,592	39,844	0	11,761	253,197	157	6.2	269,981

EAST KENTUCKY POWER COOPERATIVE
A Touchstone Energy Cooperative

Table 1-1 *(continued)*

Peaks Summary

	Winter		***Summer***					
Season	Non-Coincident Peak Demand (MW)	Year	Non-Coincident Peak Demand (MW)	Year	Purchased Power (MWH)	Load Factor (%)	Temperature at time of Winter Peak	Temperature at time of Summer Peak
2009 - 10	71.9	2010	59.5	2010	293,032	46.5%	5° F	95° F
2010 - 11	75.5	2011	54.6	2011	274,175	41.5%	13° F	91° F
2011 - 12	61.8	2012	60.2	2012	265,663	48.9%	17° F	103° F
2012 - 13	65.6	2013	53.2	2013	273,144	47.5%	10° F	89° F
2013 - 14	84.4	2014	53.0	2014	277,479	37.5%	-1° F	89° F
2014 - 15	89.3	2015	52.0	2015	262,567	33.6%	-7° F	90° F
2015 - 16	65.2	2016	53.9	2016	262,488	45.8%	6° F	92° F
2016 - 17	62.8	2017	51.6	2017	247,024	44.9%	8° F	92° F
2017 - 18	77.4	2018	53.1	2018	266,561	39.3%	0° F	93° F
2018 - 19	69.7	2019	51.3	2019	255,561	41.9%	4° F	91° F
2019 - 20	61.7	2020	52.7	2020	257,467	47.5%	15° F	91° F
2020 - 21	71.3	2021	55.7	2021	260,342	41.7%		
2021 - 22	71.6	2022	55.7	2022	261,501	41.7%		
2022 - 23	71.3	2023	55.5	2023	262,057	41.9%		
2023 - 24	71.3	2024	55.4	2024	262,478	41.9%		
2024 - 25	70.9	2025	55.3	2025	262,496	42.3%		
2025 - 26	70.9	2026	55.3	2026	262,622	42.3%		
2026 - 27	70.9	2027	55.4	2027	263,148	42.4%		
2027 - 28	71.2	2028	55.6	2028	264,115	42.2%		
2028 - 29	71.1	2029	55.6	2029	264,039	42.4%		
2029 - 30	70.9	2030	55.6	2030	263,836	42.5%		
2030 - 31	70.7	2031	55.7	2031	263,804	42.6%		
2031 - 32	71.0	2032	55.9	2032	264,655	42.5%		
2032 - 33	70.9	2033	56.0	2033	264,784	42.7%		
2033 - 34	71.1	2034	56.3	2034	265,344	42.6%		
2034 - 35	71.3	2035	56.5	2035	265,930	42.6%		
2035 - 36	71.8	2036	56.9	2036	266,851	42.3%		
2036 - 37	71.8	2037	57.2	2037	266,962	42.4%		
2037 - 38	72.1	2038	57.4	2038	267,391	42.3%		
2038 - 39	72.3	2039	57.7	2039	268,458	42.4%		
2039 - 40	72.8	2040	58.1	2040	269,981	42.2%		

EAST KENTUCKY POWER COOPERATIVE
A Touchstone Energy Cooperative

Executive Summary *(continued)*

Overall Results

- Total sales are projected to grow by 0.2 percent a year for the period 2020-2040, compared to a 0.4 percent growth projected in the 2018 load forecast for the period 2018-2038. Results shown in Table 1-2.

- Winter peak demands are projected to increase 0.1 percent over the 19 year forecast (2021-2040). Summer peak demands for the same period indicate growth of 0.2 percent.

- Load factor increases from 41.7% to 42.2% through the forecast period.

Executive Summary *(continued)*

Overall Results – Table 1-2

	Time Period	Residential	Small Commercial	Large Commercial	Total Sales
5-Year	2014 - 2019	-1.2%	-1.4%	-5.9%	-1.5%
	2020 - 2025	0.2%	1.3%	0.0%	0.4%
10-Year	2009 - 2019	-0.8%	-0.9%	-1.5%	-0.8%
	2020 - 2030	0.2%	0.4%	0.0%	0.2%
15-Year	2004 - 2019	-0.3%	-0.4%	-0.3%	-0.3%
	2020 - 2035	0.2%	0.2%	0.0%	0.2%
20-Year	1999 - 2019	0.4%	0.2%	-0.7%	0.3%
	2020 - 2040	0.3%	0.2%	0.0%	0.2%

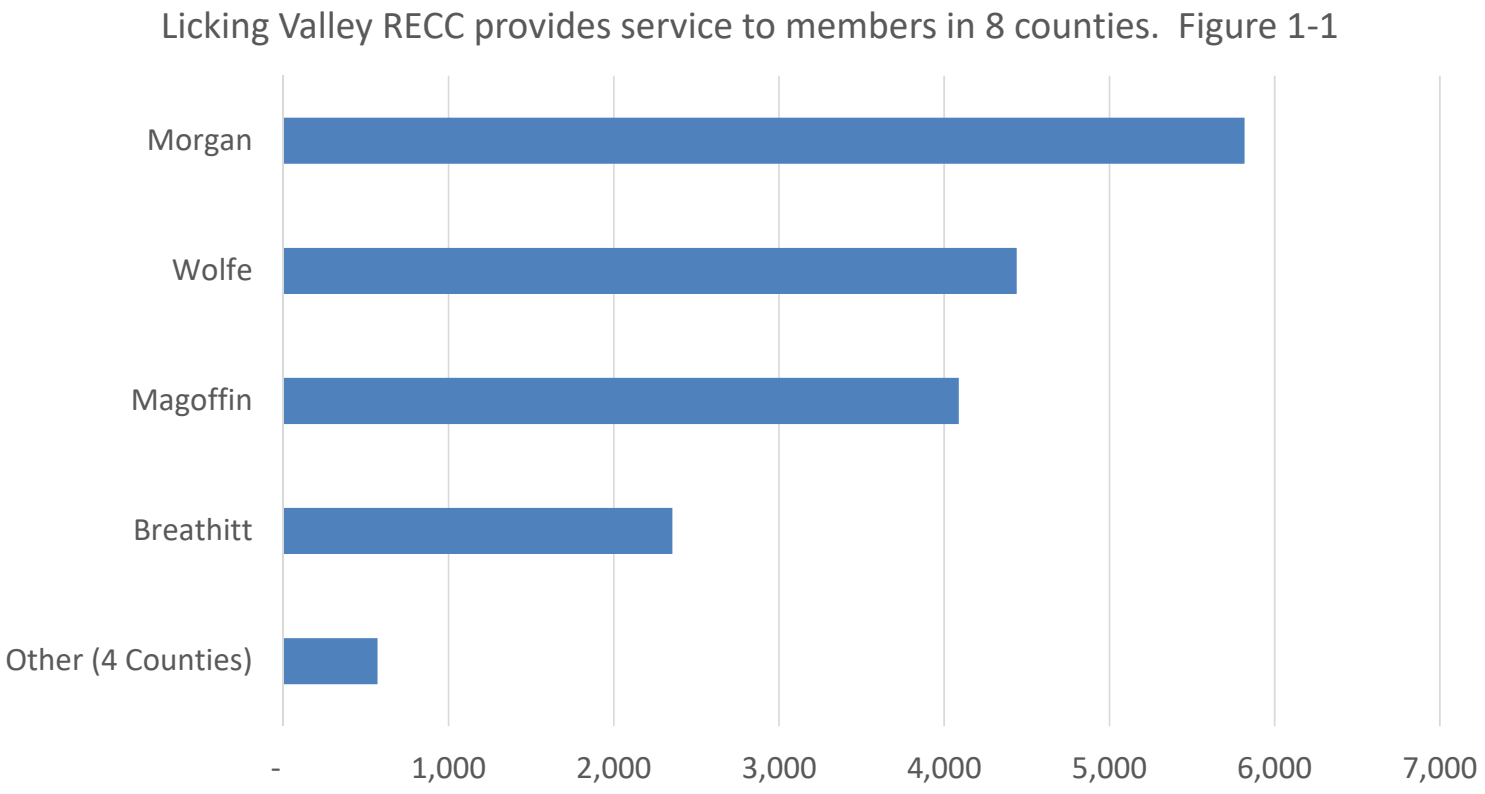
Narrative

The service area of Licking Valley RECC is located in the eastern Kentucky Counties of Breathitt, Elliott, Lee, Magoffin, Menifee, Morgan, Rowan and Wolfe, see Figure 1-1.

The average household has 2.14 people; 76 percent of all homes are headed by someone age 55 or greater.

Narrative *(continued)*

Counties Served



EAST KENTUCKY POWER COOPERATIVE
A Touchstone Energy Cooperative

Key Assumptions

Economic History and Forecast
Table 1-3

	Time Period	Population	Households	Total Employment	Total Real Personal Income
5 Year Growth Rates	2014 - 2019	-0.6%	-0.5%	-1.2%	1.9%
	2020 - 2025	-0.5%	-0.1%	2.0%	1.6%
10 Year Growth Rates	2009 - 2019	-0.6%	-0.4%	-0.6%	2.9%
	2020 - 2030	-0.5%	0.0%	0.9%	2.6%
15 Year Growth Rates	2004 - 2019	-0.5%	-0.3%	-0.9%	3.3%
	2020 - 2035	-0.5%	0.0%	0.6%	2.8%
20 Year Growth Rates	1999 - 2019	-0.4%	-0.1%	-0.9%	3.3%
	2020 - 2040	-0.5%	0.0%	0.4%	2.9%

- *EKPC's source for economic forecasts is IHS Global Insight. Total Real Personal Income is reported in millions of 2005 dollars. Growth rates shown are Compound Annual Growth Rates.*

EAST KENTUCKY POWER COOPERATIVE
A Touchstone Energy Cooperative

Key Assumptions *(continued)*
Appliance Saturations

- 46% of customers use electric as a primary fuel for heating, while 23% use it as a secondary fuel.
  - 15% use electric furnaces and 44% use electric heat pumps.
- 68% of customers use central air and 31% use electric/window units.
- 90% of customers use electric water heaters.
- These saturations are not expected to change significantly by 2040.

Key Assumptions *(continued)*

Saturation Rates – Percent of Homes with One or More Non-HVAC Appliances

- Electric Range 88%
- Freezer 65%
- Smart TV 69%

Appliance Efficiency Projections

- Energy Information Association (EIA) projects appliance efficiencies each year.
- Similar to last year's projections, heating and cooling equipment show slow but steady increase.
- Water heater efficiency is remaining relatively flat.

Key Assumptions *(continued)*

Weather

- Weather data is from the Jackson weather station.

- Normal weather, a 20-year average of historical temperatures, is assumed for the forecast years.

Methodology and Results

Introduction

This section briefly describes the methodology used to develop the load forecast and presents results in tabular form for residential and commercial classifications. Table 1-4 reports historical data for Licking Valley RECC as reported on RUS Form 7.

Typically, a preliminary forecast is prepared during the first quarter depending on when Licking Valley RECC experiences its winter peak. The first step is modeling the regional economy. Employment and real gross county product are among the areas analyzed. The regional model results are used in combination with the historical billing information, appliance saturation data, appliance efficiency data, and weather data to develop the long range forecast.

Table 1-4 Licking Valley RECC Comparative Annual Operating Data

Year	kWh Purchased And Generated	Change	kWh Sold	Change	kWh Loss	% Loss	Billing Peak Demand (MW)	Average Number Of Consumers	Miles Of Line	Consumers Per Mile	Cost Of Purchased Power	Cents / kWh
2010	293,031,751	6.2%	274,462,580	5.3%	18,353,461	6.3%	74.0	17,493	2,031	8.6	$19,140,724	6.5
2011	274,175,339	-6.4%	256,321,726	-6.6%	17,637,475	6.4%	71.3	17,428	2,039	8.5	$19,608,655	7.2
2012	265,662,705	-3.1%	245,794,709	-4.1%	19,706,968	7.4%	59.4	17,426	2,047	8.5	$19,332,787	7.3
2013	273,144,215	2.8%	257,910,798	4.9%	15,063,724	5.5%	61.3	17,408	2,053	8.5	$19,943,264	7.3
2014	277,479,003	1.6%	258,685,316	0.3%	18,624,915	6.7%	81.2	17,400	2,057	8.5	$20,366,956	7.3
2015	262,566,679	-5.4%	244,862,815	-5.3%	17,552,409	6.7%	88.6	17,323	2,062	8.4	$18,554,532	7.1
2016	262,488,345	0.0%	246,183,633	0.5%	16,155,873	6.2%	62.7	17,339	2,070	8.4	$18,013,860	6.9
2017	247,024,092	-5.9%	234,176,209	-4.9%	12,705,129	5.1%	60.7	17,342	2,071	8.4	$16,985,401	6.9
2018	266,561,046	7.9%	245,951,224	5.0%	20,426,534	7.7%	75.0	17,302	2,073	8.3	$18,084,980	6.8
2019	255,560,565	-4.1%	239,815,397	-2.5%	15,586,256	6.1%	68.0	17,266	2,076	8.3	$17,295,450	6.8
Average						6.4%						

Methodology and Results *(continued)*

The preliminary forecast was presented to Licking Valley RECC staff. Changes were made to the forecast as needed based on new information, such as new large loads or subdivisions. In some cases, other assumptions were based on insights from Licking Valley RECC staff.

Methodology and Results *(continued)*

Residential Forecast

Residential customers are analyzed by means of regression analysis with resulting coefficients used to prepare customer projections. Regressions for residential customers are typically a function of regional economic and demographic variables. Two variables that are very significant are the numbers of households by county and the percent of total households served by the member cooperative. Table 1-5 Licking Valley RECC's customer forecast.

The residential energy sales were analyzed by means of regression analysis, as a function of residential customers, base 60 heating degree days, base 65 cooling degree days and projected residential rates. Table 1-5 reports Licking Valley RECC's energy forecast.

Table 1-5
Residential Summary

	Customers			*Use Per Customer*			*Class Sales*		
	Annual Average	Annual Change	% Change	Monthly Average (kWh)	Change (kWh)	% Change	Total (MWh)	Annual Change (MWh)	% Change
2010	16,297	0	0.0	1,089	58	5.6	212,952	11,255	5.6
2011	16,244	-53	-0.3	999	-90	-8.2	194,773	-18,179	-8.5
2012	16,248	4	0.0	956	-43	-4.3	186,413	-8,360	-4.3
2013	16,234	-14	-0.1	1,017	61	6.4	198,091	11,677	6.3
2014	16,235	1	0.0	1,018	1	0.1	198,291	201	0.1
2015	16,212	-23	-0.1	968	-50	-4.9	188,336	-9,955	-5.0
2016	16,231	19	0.1	980	12	1.3	190,959	2,623	1.4
2017	16,237	6	0.0	929	-52	-5.3	180,990	-9,968	-5.2
2018	16,206	-31	-0.2	984	55	5.9	191,363	10,373	5.7
2019	16,177	-29	-0.2	963	-21	-2.2	186,849	-4,515	-2.4
2020	16,217	40	0.2	983	20	2.1	191,288	4,440	2.4
2021	16,247	30	0.2	990	7	0.7	193,007	1,719	0.9
2022	16,262	15	0.1	990	0	0.0	193,185	178	0.1
2023	16,263	1	0.0	990	0	0.0	193,197	12	0.0
2024	16,262	-1	0.0	991	1	0.1	193,330	133	0.1
2025	16,262	0	0.0	991	1	0.1	193,463	133	0.1
2026	16,262	0	0.0	992	1	0.1	193,678	216	0.1
2027	16,263	1	0.0	996	3	0.3	194,295	617	0.3
2028	16,263	0	0.0	1,001	5	0.5	195,269	975	0.5
2029	16,263	0	0.0	1,002	1	0.1	195,474	205	0.1
2030	16,262	-1	0.0	1,002	0	0.0	195,524	50	0.0
2031	16,263	1	0.0	1,003	1	0.1	195,662	137	0.1
2032	16,263	0	0.0	1,007	4	0.4	196,440	779	0.4
2033	16,262	-1	0.0	1,008	2	0.2	196,745	304	0.2
2034	16,262	0	0.0	1,011	3	0.3	197,322	578	0.3
2035	16,261	-1	0.0	1,014	3	0.3	197,898	576	0.3
2036	16,260	-1	0.0	1,018	4	0.4	198,671	774	0.4
2037	16,260	0	0.0	1,019	1	0.1	198,865	193	0.1
2038	16,260	0	0.0	1,021	2	0.2	199,254	389	0.2
2039	16,260	0	0.0	1,026	5	0.5	200,228	975	0.5
2040	16,260	0	0.0	1,033	7	0.7	201,592	1,363	0.7

Methodology and Results *(continued)*

Small Commercial Forecast

Small commercial sales are projected using two equations: a customer equation and a small commercial sales equation. Both are determined through regression analysis and utilize inputs relating to the economy, electric price, and the residential customer forecast. Small commercial projections are reported in Table 1-6.

Table 1-6
Small Commercial Summary

	Customers			*Use Per Customer*			*Class Sales*		
	Annual Average	Annual Change	% Change	Annual Average (MWh)	Change (MWh)	% Change	Total (MWh)	Annual Change (MWh)	% Change
2010	1,190	8	0.7	40	2	5.3	47,052	2,546	5.7
2011	1,178	-12	-1.0	40	0	0.0	47,503	451	1.0
2012	1,172	-6	-0.5	39	-1	-2.5	45,622	-1,881	-4.0
2013	1,163	-9	-0.8	34	-5	-12.8	40,028	-5,594	-12.3
2014	1,156	-7	-0.6	38	4	11.8	43,456	3,427	8.6
2015	1,103	-53	-4.6	38	0	0.0	41,883	-1,573	-3.6
2016	1,100	-3	-0.3	37	-1	-2.6	40,936	-947	-2.3
2017	1,097	-3	-0.3	36	-1	-2.7	39,446	-1,490	-3.6
2018	1,088	-9	-0.8	38	2	5.6	40,833	1,387	3.5
2019	1,082	-6	-0.6	37	-1	-2.6	40,490	-343	-0.8
2020	1,082	0	0.0	35	-2	-5.4	38,404	-2,086	-5.2
2021	1,084	2	0.2	36	1	2.9	39,383	979	2.5
2022	1,084	0	0.0	37	1	2.8	40,293	910	2.3
2023	1,084	0	0.0	38	1	2.7	40,802	509	1.3
2024	1,085	1	0.1	38	0	0.0	41,065	263	0.6
2025	1,085	0	0.0	38	0	0.0	40,949	-116	-0.3
2026	1,085	0	0.0	38	0	0.0	40,851	-98	-0.2
2027	1,085	0	0.0	38	0	0.0	40,729	-123	-0.3
2028	1,085	0	0.0	37	-1	-2.6	40,661	-67	-0.2
2029	1,085	0	0.0	37	0	0.0	40,385	-277	-0.7
2030	1,085	0	0.0	37	0	0.0	40,145	-240	-0.6
2031	1,085	0	0.0	37	0	0.0	39,977	-167	-0.4
2032	1,086	1	0.1	37	0	0.0	39,997	20	0.0
2033	1,086	0	0.0	37	0	0.0	39,814	-183	-0.5
2034	1,086	0	0.0	37	0	0.0	39,762	-52	-0.1
2035	1,086	0	0.0	37	0	0.0	39,736	-26	-0.1
2036	1,086	0	0.0	37	0	0.0	39,827	91	0.2
2037	1,086	0	0.0	37	0	0.0	39,738	-89	-0.2
2038	1,086	0	0.0	37	0	0.0	39,752	13	0.0
2039	1,086	0	0.0	37	0	0.0	39,778	26	0.1
2040	1,086	0	0.0	37	0	0.0	39,844	66	0.2

Methodology and Results *(continued)*

Large Commercial Forecast

Large commercial customers are those with loads 1 MW or greater. Licking Valley RECC currently has 7 customer in this class and is projected to stay at 7. Large commercial results are reported in Table 1-7.

Table 1-7
Large Commercial Summary

	Customers			*Use Per Customer*			*Class Sales*		
	Annual Average	Annual Change	% Change	Annual Average (MWh)	Change (MWh)	% Change	Total (MWh)	Annual Change (MWh)	% Change
2010	6	0	0.0	2,410	-2	-0.1	14,458	-15	-0.1
2011	6	0	0.0	2,341	-69	-2.9	14,046	-412	-2.9
2012	6	0	0.0	2,293	-48	-2.0	13,759	-286	-2.0
2013	11	5	83.3	1,799	-494	-21.5	19,792	6,032	43.8
2014	9	-2	-18.2	1,882	83	4.6	16,938	-2,853	-14.4
2015	8	-1	-11.1	1,830	-52	-2.7	14,644	-2,294	-13.5
2016	8	0	0.0	1,786	-44	-2.4	14,289	-355	-2.4
2017	8	0	0.0	1,717	-69	-3.8	13,740	-549	-3.8
2018	8	0	0.0	1,719	2	0.1	13,755	15	0.1
2019	7	-1	-12.5	1,782	63	3.7	12,477	-1,278	-9.3
2020	7	0	0.0	1,680	-102	-5.7	11,761	-716	-5.7
2021	7	0	0.0	1,680	0	0.0	11,761	0	0.0
2022	7	0	0.0	1,680	0	0.0	11,761	0	0.0
2023	7	0	0.0	1,680	0	0.0	11,761	0	0.0
2024	7	0	0.0	1,680	0	0.0	11,761	0	0.0
2025	7	0	0.0	1,680	0	0.0	11,761	0	0.0
2026	7	0	0.0	1,680	0	0.0	11,761	0	0.0
2027	7	0	0.0	1,680	0	0.0	11,761	0	0.0
2028	7	0	0.0	1,680	0	0.0	11,761	0	0.0
2029	7	0	0.0	1,680	0	0.0	11,761	0	0.0
2030	7	0	0.0	1,680	0	0.0	11,761	0	0.0
2031	7	0	0.0	1,680	0	0.0	11,761	0	0.0
2032	7	0	0.0	1,680	0	0.0	11,761	0	0.0
2033	7	0	0.0	1,680	0	0.0	11,761	0	0.0
2034	7	0	0.0	1,680	0	0.0	11,761	0	0.0
2035	7	0	0.0	1,680	0	0.0	11,761	0	0.0
2036	7	0	0.0	1,680	0	0.0	11,761	0	0.0
2037	7	0	0.0	1,680	0	0.0	11,761	0	0.0
2038	7	0	0.0	1,680	0	0.0	11,761	0	0.0
2039	7	0	0.0	1,680	0	0.0	11,761	0	0.0
2040	7	0	0.0	1,680	0	0.0	11,761	0	0.0

EAST KENTUCKY POWER COOPERATIVE
A Touchstone Energy Cooperative

Methodology and Results *(continued)*

Peak Day Weather Scenarios

Extreme temperatures can dramatically influence Licking Valley RECC's peak demands. Table 1-8 reports the impact of extreme weather on system demands.

Table 1-8: Seasonal Peaks by Weather Scenario

Winter Peak Day Minimum Temperatures					
	Mild	Normal		**Extreme**	
Degrees	10	1	-7	-10	-15
Probability	*99%*	*50%*	*20%*	*10%*	*3%*
Occurs Once Every		**2 Years**	**5 Years**	**10 Years**	**30 Years**

Summer Peak Day Maximum Temperatures				
	Normal		**Extreme**	
Degrees	94	97	99	101
Probability	*50%*	*20%*	*10%*	*3%*
	2 Years	**5 Years**	**10 Years**	**30 Years**

Noncoincident Winter Peak Demand - MW

Season	Mild	Normal	Extreme		
2020 - 21	65	71	77	79	82
2021 - 22	66	72	77	79	82
2022 - 23	65	71	77	79	82
2023 - 24	65	71	77	79	82
2024 - 25	65	71	76	78	82
2025 - 26	65	71	76	78	82
2026 - 27	65	71	76	78	82
2027 - 28	65	71	77	79	82
2028 - 29	65	71	76	79	82
2029 - 30	65	71	76	78	82
2030 - 31	65	71	76	78	81
2031 - 32	65	71	76	78	82
2032 - 33	65	71	76	78	82
2033 - 34	65	71	76	78	82
2034 - 35	65	71	77	79	82
2035 - 36	66	72	77	79	83
2036 - 37	66	72	77	79	83
2037 - 38	66	72	77	80	83
2038 - 39	66	72	78	80	83
2039 - 40	67	73	78	80	84

Noncoincident Summer Peak Demand - MW

Year	Normal	Extreme		
2021	56	59	62	64
2022	56	59	62	64
2023	56	59	61	64
2024	55	59	61	64
2025	55	59	61	64
2026	55	59	61	64
2027	55	59	61	64
2028	56	59	61	64
2029	56	59	62	64
2030	56	59	62	64
2031	56	59	62	64
2032	56	59	62	64
2033	56	60	62	64
2034	56	60	62	65
2035	57	60	62	65
2036	57	60	63	65
2037	57	61	63	65
2038	57	61	63	66
2039	58	61	64	66
2040	58	62	64	66