

**EAST KENTUCKY POWER COOPERATIVE, INC.**

**UPDATED INFORMATION TO BE FILED ANNUALLY AS SUPPLEMENT TO THE  
ANNUAL REPORT**

**AS ORDERED on October 7, 2005 in the CLOSED PSC ADMINISTRATIVE CASE 387**

**PUBLIC SERVICE COMMISSION'S REQUEST DATED 12/20/01**

**COMMONWEALTH OF KENTUCKY**  
**BEFORE THE PUBLIC SERVICE COMMISSION**

**In the Matter of:**

**ELECTRONIC REVIEW OF THE ADEQUACY OF )**  
**KENTUCKY'S GENERATION ) ADMINISTRATIVE**  
**CAPACITY AND TRANSMISSION ) CASE NO. 387**  
**SYSTEM )**

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

IN THE MATTER OF:

ELECTRONIC REVIEW OF THE ADEQUACY OF )
KENTUCKY'S GENERATION ) ADMINISTRATIVE
CAPACITY AND TRANSMISSION ) CASE NO. 387
SYSTEM )

CERTIFICATE

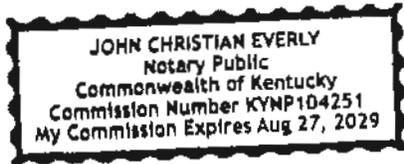
STATE OF KENTUCKY )
)
COUNTY OF CLARK )

Christopher E. Adams, being duly sworn, states that he has supervised the preparation of the responses of East Kentucky Power Cooperative, Inc. to the Public Service Commission in the above-referenced case dated December 20, 2001, and that the matters and things set forth therein are true and accurate to the best of his knowledge, information and belief, formed after reasonable inquiry.

[Handwritten signature of Christopher E. Adams]

Christopher E. Adams

Subscribed and sworn before me on this 18th day of March, 2026.



[Handwritten signature of John Christian Everly]
Notary Public

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

IN THE MATTER OF:

ELECTRONIC REVIEW OF THE ADEQUACY OF )
KENTUCKY'S GENERATION ) ADMINISTRATIVE
CAPACITY AND TRANSMISSION ) CASE NO. 387
SYSTEM )

CERTIFICATE

STATE OF KENTUCKY )
)
COUNTY OF CLARK )

Darrin Adams, being duly sworn, states that he has supervised the preparation of the responses of East Kentucky Power Cooperative, Inc. to the Public Service Commission in the above-referenced case dated December 20, 2001, and that the matters and things set forth therein are true and accurate to the best of his knowledge, information and belief, formed after reasonable inquiry.

[Handwritten signature of Darrin Adams]
Darrin Adams

Subscribed and sworn before me on this 14th day of March, 2026.

JOHN CHRISTIAN EVERLY
Notary Public
Commonwealth of Kentucky
Commission Number KYNP104251
My Commission Expires Aug 27, 2029

[Handwritten signature of John Christian Everly]
Notary Public

**EAST KENTUCKY POWER COOPERATIVE, INC.**

**PSC ADMINISTRATIVE CASE 387**

**PUBLIC SERVICE COMMISSION'S REQUEST DATED 12/20/01**

East Kentucky Power Cooperative, Inc. (EKPC) hereby submits responses to the information requests contained in Appendix G to the Order of the Public Service Commission ("PSC") in this case dated December 20, 2001, as subsequently revised by Orders dated March 29, 2004 and October 7, 2005. Each response with its associated supportive reference materials is individually tabbed.

The requests listed below, which were originally contained in Appendix G of the Commission's Order dated December 20, 2001, are no longer required pursuant to the Commission's Order of March 29, 2004, amending the previous Order.

Request No. 1

Request No. 2

Request No. 5

Request No. 9

Request No. 10

**EAST KENTUCKY POWER COOPERATIVE, INC.**  
**PSC ADMINISTRATIVE CASE NO. 387**  
**ANNUAL RESOURCE ASSESSMENT FILING**

**PUBLIC SERVICE COMMISSION REQUEST DATED 12/20/01**  
**REQUEST 3**

**RESPONSIBLE PERSON: Christopher E. Adams**  
**COMPANY: East Kentucky Power Cooperative, Inc.**

**Request 3.** Actual and weather-normalized coincident peak demands for the just completed calendar year. Demands should be disaggregated into (a) native load demand (firm and non-firm) and (b) off-system demand (firm and non-firm).

**Response 3a.** Refer to table below.

<b>Monthly Native Load Peak Demands 2025</b>		
	<b>Actual (Firm and Non-Firm) (MW)</b>	<b>Weather-Normalized (Firm and Non-Firm) (MW)</b>
January	3,744	3,514
February	3,446	3,446
March	2,497	2,727
April	2,054	2,053
May	1,926	2,189
June	2,654	2,626
July	2,643	2,727
August	2,638	2,654
September	2,200	2,293
October	1,963	2,096
November	2,656	2,656
December	3,508	3,220

**Response 3b.** EKPC had no off-system demand obligations during the calendar year EKPC had no off-system demand obligations during the calendar year 2025.

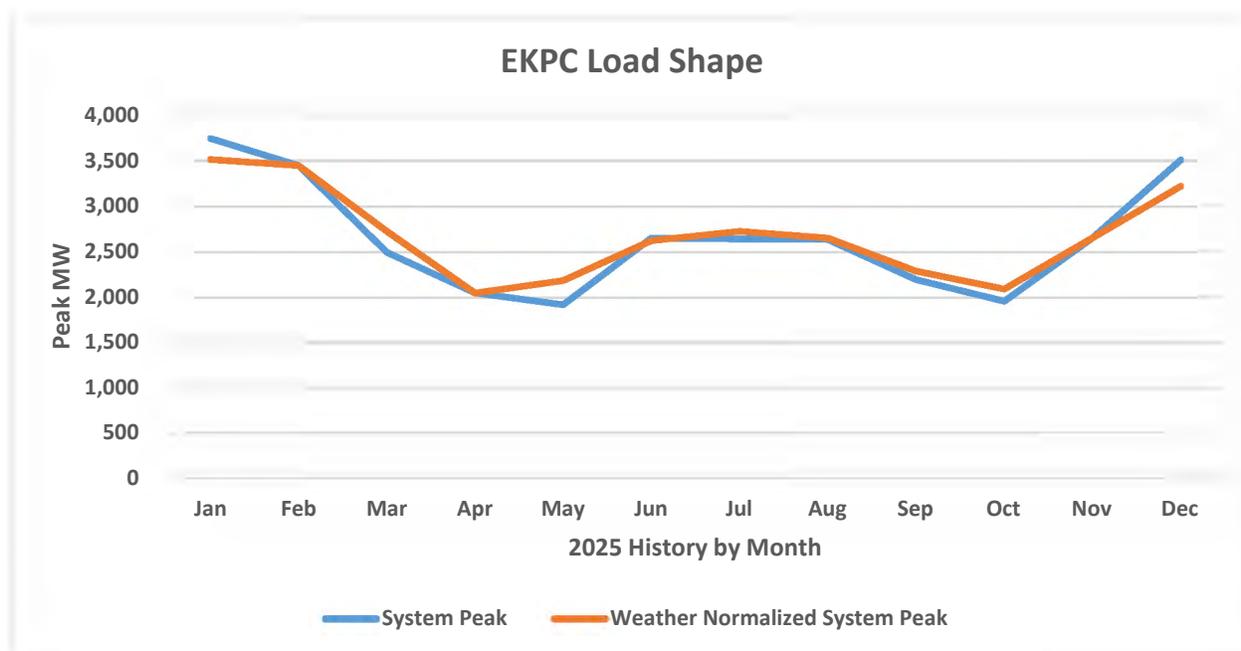
**EAST KENTUCKY POWER COOPERATIVE, INC.**  
**PSC ADMINISTRATIVE CASE NO. 387**  
**ANNUAL RESOURCE ASSESSMENT FILING**

**PUBLIC SERVICE COMMISSION REQUEST DATED 12/20/01**  
**REQUEST 4**

**RESPONSIBLE PERSON:** Christopher E. Adams  
**COMPANY:** East Kentucky Power Cooperative, Inc.

**Request 4.** Load shape curves that show actual peak demands and weather-normalized peak demands (native load demand and total demand) on a monthly basis for the just completed calendar year.

**Response 4.** Actual monthly peak-day load shapes are presented on pages 2 through 7 of this response. EKPC performs an analysis to weather-normalize the peak hour but EKPC does not weather-normalize the peak-day load shapes.



**EAST KENTUCKY POWER COOPERATIVE, INC.**  
**PSC ADMINISTRATIVE CASE NO. 387**  
**ANNUAL RESOURCE ASSESSMENT FILING**

**PUBLIC SERVICE COMMISSION REQUEST DATED 12/20/01**

**REQUEST 6**

**RESPONSIBLE PERSON: Christopher E. Adams**

**COMPANY: East Kentucky Power Cooperative, Inc.**

**Request 6.** Based on the most recent demand forecast, the base case demand and energy forecasts and high case demand and energy forecasts for the current year and the following four years. The information should be disaggregated into (a) native load (firm and non-firm demand) and (b) off-system load (both firm and non-firm demand).

**Response 6** EKPC prepares high and low scenarios to bracket its base case forecast. The ranges are shown in the tables below. All load is considered native load (EKPC is not projecting off-system load).

<b>Net Total Energy Requirements (GWh)</b>			
<b>Year</b>	<b>Low</b>	<b>Base</b>	<b>High</b>
2026	14,531	16,033	17,493
2027	14,727	16,325	17,833
2028	14,871	16,535	18,130
2029	15,002	16,716	18,403
2030	15,024	16,836	18,579

<b>Winter Peak MW</b>			
<b>Year</b>	<b>Low</b>	<b>Base</b>	<b>High</b>
2025 – 26	3,197	3,627	4,155
2026 – 27	3,231	3,677	4,217
2027 – 28	3,258	3,712	4,272
2028 – 29	3,258	3,727	4,298
2029 – 30	3,259	3,743	4,331

<b>Summer Peak (MW)</b>			
<b>Year</b>	<b>Low</b>	<b>Base</b>	<b>High</b>
2026	2,223	2,588	2,960
2027	2,263	2,641	3,024
2028	2,269	2,664	3,054
2029	2,286	2,688	3,096
2030	2,289	2,703	3,124

**EAST KENTUCKY POWER COOPERATIVE, INC.**  
**PSC ADMINISTRATIVE CASE NO. 387**  
**ANNUAL RESOURCE ASSESSMENT FILING**

**PUBLIC SERVICE COMMISSION REQUEST DATED 12/20/01**

**REQUEST 7**

**RESPONSIBLE PERSON: Christopher E. Adams**

**COMPANY: East Kentucky Power Cooperative, Inc.**

**Request 7.** The target reserve margin currently used for planning purposes, stated as a percentage of demand. If changed from what was in use in 2001, include a detailed explanation of the change.

**Response 7.** EKPC's obligation to PJM for capacity is defined by the Resource Planning Model (RPM). PJM establishes a Variable Resource Requirement against which all supply resources clear, establishing the clearing price for committed capacity resources. The Variable Resource Requirement incorporates the reserve requirement established for the particular delivery year. Among other factors, the reserve requirement incorporates PJM's summer peak load forecast, forced outage rates of resources and, an expectation of resources the PJM region might receive from other regions during emergency conditions. The calculated reserve requirement for the delivery year June 1, 2026 through May 31, 2027 is 19.1% installed reserve margin.

EKPC's allocated capacity obligation based upon the RPM clearings have resulted in EKPC carrying its stand-alone summer peak load requirement plus a seven percent addition. The seven percent addition is due to load diversity throughout the PJM region and the increased variability in the load obligation requirement due to the new Effective Load Carrying Capability ("ELCC") construct. EKPC does not historically peak at the same time that the PJM system as a whole peaks. Therefore, the reserve margin for the EKPC only load is less than the reserve margin that PJM carries on its entire load at the time of its coincident peak. All EKPC capacity resources that clear in the market are committed to the PJM region to ensure resource adequacy; all committed resources are responsible to perform when PJM needs them to ensure regional reliability. All also must offer into the Day Ahead Energy Market.

The commitment of capacity resources to be available to produce electricity in a future delivery year, however, does not lock in energy market prices for that future delivery year. The only way to guarantee a maximum cost on energy is to secure enough resources (and related fuels) or energy contracts to hedge the prices that may result from the real time conditions and fuel prices in the energy markets. EKPC takes measures to hedge its energy price exposure through the entire year. EKPC's winter generation reserve margin is seven percent to help hedge its energy exposure to the market during peak load periods.

**EAST KENTUCKY POWER COOPERATIVE, INC.**  
**PSC ADMINISTRATIVE CASE NO. 387**  
**ANNUAL RESOURCE ASSESSMENT FILING**

**PUBLIC SERVICE COMMISSION REQUEST DATED 12/20/01**

**REQUEST 8**

**RESPONSIBLE PERSON: Christopher E. Adams**

**COMPANY: East Kentucky Power Cooperative, Inc.**

**Request 8.** Projected reserve margins stated in megawatts and as a percentage of demand for the current year and the following 4 years. Identify projected deficits and current plans for addressing these. For each year identify the level of firm capacity purchases projected to meet native load demand.

**Response 8.** The table below shows the projected summer and winter peak and reserve levels. Energy resources and reserves are based on EKPC's current fleet, executed purchases, and new Liberty RICE asset expected to be online by the end of 2028. The Cooper CCGT unit is expected to be online in late 2030 and is not included in the total reserve values. Summer energy resources and reserves remain above the seven percent reserve margin target through the 5-year horizon. Winter energy resources remain under the seven percent reserve margin target through the 5-year horizon until the Cooper CCGT resource is online. In the interim, EKPC will evaluate seasonal purchases of physical energy to balance resources with expected demand.

**PSC Request 8**  
**Page 2 of 2**

<b>Year</b>	<b>Summer Load (MW)</b>	<b>Capacity (MW)</b>	<b>Reserves (%)</b>	<b>Winter Load (MW)</b>	<b>Capacity (MW)</b>	<b>Reserves (%)</b>
2026	2,588	3,352	30%	3,627	3,627	0%
2027	2,641	3,252	23%	3,677	3,527	-4%
2028	2,664	3,252	22%	3,712	3,527	-5%
2029	2,688	3,364	25%	3,727	3,639	-2%
2030	2,703	3,355	24%	3,743	3,630	-3%

**EAST KENTUCKY POWER COOPERATIVE, INC.**  
**PSC ADMINISTRATIVE CASE NO. 387**  
**ANNUAL RESOURCE ASSESSMENT FILING**

**PUBLIC SERVICE COMMISSION REQUEST DATED 12/20/01**

**REQUEST 11**

**RESPONSIBLE PERSON: Christopher E. Adams**

**COMPANY: East Kentucky Power Cooperative, Inc.**

**Request 11.** A list that identifies scheduled outages or retirements of generating capacity during the current year and the following four years.

**Response 11.** Please see scheduled outage information in attachment *387 - Response 11*

*- 27JAN26.xlsx.*

EAST KENTUCKY POWER COOPERATIVE, INC.  
PSC ADMINISTRATIVE CASE NO. 387  
ANNUAL RESOURCE ASSESSMENT FILING

PUBLIC SERVICE COMMISSION REQUEST DATED 12/20/01  
REQUEST 12

RESPONSIBLE PERSON: Christopher E. Adams  
COMPANY: East Kentucky Power Cooperative, Inc.

**Request 12.** Identify all planned base load or peaking capacity additions to meet native load requirements over the next 10 years. Show the expected in-service date, size and site for all planned additions. Include additions planned by the utility, as well as those by affiliates, if constructed in Kentucky or intended to meet load in Kentucky.

**Response 12.** EKPC has filed Certificates of Public Convenience and Necessity (“CPCN”) applications for additional base load, peaking and solar resources along with natural gas co-fire conversion projects for its existing base load generation resources.<sup>1</sup>

Additions	Type	Expected In-Service Date	Size (MW)	Site
Cooperative Solar 2 - Fayette	Solar	6/30/2027	40	Fayette County
Cooperative Solar 3 - Marion	Solar	6/15/2027	96	Marion County
Liberty RICE	Natural Gas RICE	12/1/2028	214	Casey County
Cooper CCGT	Natural Gas CCGT	12/31/2030	745	Pulaski County

<sup>1</sup> See Case Nos. 2024-00129, 2024-00310, and 2024-00370.

**EAST KENTUCKY POWER COOPERATIVE, INC.**  
**PSC ADMINISTRATIVE CASE NO. 387**  
**ANNUAL RESOURCE ASSESSMENT FILING**

**PUBLIC SERVICE COMMISSION REQUEST DATED 12/20/01**  
**REQUEST 13**

**RESPONSIBLE PERSON: Darrin Adams**

**COMPANY: East Kentucky Power Cooperative, Inc.**

**Request 13.** The following transmission energy data for the just completed calendar year and the forecast for the current year and the following four years:

**Request 13a.** Total energy received from all interconnections and generation sources connected to the transmission system.

**Request 13b.** Total energy delivered to all interconnections on the transmission system.

**Response 13a & b.** The total energy received from all interconnections and from generation sources connected to the EKPC transmission system for calendar year 2025 was 25,213,747 MWh. The total energy delivered to all interconnections on the EKPC system in 2025 was 10,579,982 MWh.

The forecasted total energy requirements for the EKPC system for 2026 through 2030 are as follows:

2026	16,032,547 MWh
2027	16,324,831 MWh
2028	16,535,333 MWh
2029	16,716,466 MWh
2030	16,836,043 MWh

**Request 13c.** Peak load capacity of the transmission system.

**Response 13c.** The transmission capacity of a grid system changes constantly based on factors like generation dispatch, ambient temperature, load characteristics, facility outages, power transfers, etc. EKPC’s transmission system is planned and constructed to deliver all of its generation resources to its native load delivery points and to accommodate other contracted users (e.g., merchant generation facilities, customers taking Network Integration Transmission Service, etc.) of the EKPC transmission system during forecasted normal summer and winter peak load conditions. EKPC’s transmission system is also designed to accommodate an outage of a single transmission facility and/or generating unit at these load levels. Also, EKPC designs its transmission system to reliably deliver its generation resources to its native load delivery points during “extreme” weather conditions (1-in-10 year temperatures) for summer and winter with all facilities in service. Other than simulation of imports into EKPC to replace an outage of a single generating unit, the transfers used in the EKPC transmission planning process are those modeled in the NERC MMWG models, which are typically the long-term firm transactions known at the time of the development of the models.

Transfer studies performed in regional assessments by both SERC and PJM have not identified any significant limitations within the EKPC system. Therefore, EKPC’s system is expected to be capable of handling a reasonable level of overlaid transfers while also delivering energy to EKPC’s native-load customers and other transmission customers using EKPC’s transmission system to deliver energy to the PJM market (for instance, merchant generation facilities) or for their native-load customers (for instance, LG&E/KU).

**Request 13d.** Peak demand for summer and winter season on the transmission system.

**Response 13d.**

<b>SUMMER</b>	<b><u>2025</u></b>	<b><u>2026</u></b>	<b><u>2027</u></b>	<b><u>2028</u></b>	<b><u>2029</u></b>	<b><u>2030</u></b>
<b>Date</b>	6/25/2025					
<b>Hr.</b>	1800					
<b>Peak Demand (MW)</b>	2654	2558	2641	2664	2688	2703
<b>WINTER</b>	<b><u>2025</u></b>	<b><u>2026</u></b>	<b><u>2027</u></b>	<b><u>2028</u></b>	<b><u>2029</u></b>	<b><u>2030</u></b>
<b>Date</b>	1/22/2025	1/27/2026*				
<b>Hr.</b>	0800	0800				
<b>Peak Demand (MW)</b>	3744	3754	3677	3712	3727	3743

\*Reflects January 2026 actual winter peak.

**EAST KENTUCKY POWER COOPERATIVE, INC.**  
**PSC ADMINISTRATIVE CASE NO. 387**  
**ANNUAL RESOURCE ASSESSMENT FILING**

**PUBLIC SERVICE COMMISSION REQUEST DATED 12/20/01**

**REQUEST 14**

**RESPONSIBLE PERSON: Darrin Adams**

**COMPANY: East Kentucky Power Cooperative, Inc.**

**Request 14.** Identify all planned transmission capacity additions for the next 10 years. Include the expected in-service date, size and site for all planned additions and identify the transmission need each addition is intended to address.

**Response 14.** Pages 2 through 7 of this response include EKPC's 10-year transmission expansion plan for the 2026-2035 period. During this period, EKPC expects to make the following transmission improvements for replacement of aging transmission line and substation infrastructure, normal system development, and load growth to serve native load customers and other long-term contracted uses of the EKPC transmission system:

- 6.14 miles of new 161 kV transmission line
- 11.6 miles of new 138 kV transmission line
- 54.3 miles of new 69 kV transmission line
- 54.4 miles of 161 kV transmission line re-conductor/rebuild/MOT increase
- 29.1 miles of 138 kV transmission line re-conductor/rebuild
- 237.2 miles of 69 kV transmission line re-conductor/rebuild
- 2 new 161 kV switching substations
- 4 new 69 kV switching substations
- 1 new 161/69 kV transmission substation
- 1 new 138/69 kV transmission substation

- 78.7 MVAR of new transmission capacitor banks/increases of existing bank sizes
- 8 new distribution substations (200 MVA added capacity)
- 34 upgrades of existing distribution substations (262.6 MVA added capacity)
- 2 projects to upgrade transmission substation transformers
- 2 projects to add/upgrade substation terminal facilities

In addition, EKPC has identified the need for the following transmission expansion projects due to generator interconnection requested projects with executed Generator Interconnection Agreements and that have been granted a Certificate of Construction by the Kentucky Electric Generation and Transmission Siting Board

- 3 new 161 kV switching stations
- 2 new 138 kV switching stations
- 2 new 69 kV switching stations
- 2 expansions of existing 161 kV substations
- 1 expansion of an existing 138 kV substation

<b>EKPC 10-YEAR TRANSMISSION EXPANSION SCHEDULE (2026 – 2035)</b>	
<b>A. New Transmission Lines Project Description</b>	<b>Forecasted In-Service Date</b>
Construct a new Madison County 69 kV Tap using 795 ACSR (1.3 miles)	Feb-27
Construct a new Coburg-EKPC Campbellsville 69 kV line using 556 ACSR (13 miles)	Nov-27
Construct a new Thunder Ridge-AEP Dewey Dam 69 kV line using 795 ACSR (5 miles)	Dec-28
Construct new 69 kV double circuit transmission to loop in existing transmission line to a new 161/69 kV transmission station near Shepherdsville (0.59 miles)	Dec-29
Construct new 161 kV transmission to connect a new EKPC 161/69 kV transmission station near Shepherdsville and LGE&KU station (0.1 miles)	Dec-29
Construct a new Cooper-Alcalde 161 kV double circuit line using 1272 ACSS conductor (4.54 miles)	Dec-30
Construct a new Nelson County-Balltown 69 kV line using 556 ACSR (7.5 miles)	Jun-32

<b>EKPC 10-YEAR TRANSMISSION EXPANSION SCHEDULE (2026 – 2035)</b>	
<b>B. Transmission Station Rebuilds Project Description</b>	<b>Forecasted In-Service Date</b>
Rebuild the Dale 138/69 kV Transmission Station as 138 kV only retiring the 69 kV equipment	Dec-29

<b>EKPC 10-YEAR TRANSMISSION EXPANSION SCHEDULE (2026 – 2035)</b>	
<b>C. Transmission Line Rebuilds</b>	<b>Forecasted In-Service Date</b>
<b>Project Description</b>	
Replace the structures on the 556 ACSR Cynthiana-Renaker 69 kV line section (8.59 miles)	Jun-26
Rebuild the 3/0 Fall Rock-Manchester 69 kV line section using 556 ACSR (5.83 miles)	Jun-26
Rebuild the 4/0 Norwood Junction-Shopville 69 kV line section using 556 ACSR (6.3 miles)	Jul-26
Rebuild the 4/0 Snow-North Albany 69 kV line section using 556 ACSR (4.4 miles)	Sept-26
Rebuild the 556 ACSR Baker Lane double circuit 69 kV line section as two separate circuits using 556 ACSR (0.37 miles)	Oct-26
Rebuild the 266 ACSR Bekaert #3-Switch N51-615 69 kV line section using 795 ACSR (0.03 miles)	Nov-26
Rebuild the 266 ACSR Holloway-Holloway Junction 69 kV line section using 266 ACSR (2.2 miles)	Dec-26
Rebuild the 4/0 Bonnieville-Stephensburg 69 kV line section using 556 ACSR (16.42 miles)	Mar-27
Replace structures on the 556 ACSR Elizabethtown-Vine Grove 69 kV line section (7.45 miles)	Jul-27
Rebuild the 3/0 Snow Hill-Murphysville 69 kV line section using 556 ACSR (10.54 miles)	Aug-27
Rebuild the 266 and 556 ACSR Crooksville-West Berea 69 kV line sections using 795 ACSR (12.63 miles)	Sept-27
Rebuild the 2/0 Penn-Renaker 69 kV line section using 556 ACSR (20.79 miles)	Dec-27
Replace the structures on the 556 ACSR Windsor-Somerset 69 kV line section (18.66 miles)	Dec-27
Rebuild the 3/0 KU Wofford-Jellico Creek 69 kV line section using 556 ACSR (13.53 miles)	Dec-27
Replace the structures on the 556 ACSR Elizabethtown-Stephensburg 69 kV line section (11.71 miles)	Aug-28
Rebuild the 266 ACSR Davis-Fayette 69 kV line section using 556 ACSR (3.15 miles)	Nov-28
Rebuild the 636 ACSR Liberty RICE Substation-Liberty Junction 161 kV line using 795 ACSR (7.8 miles)	Dec-28
Rebuild the 636 ACSR Marion County-LG&E/KU Lebanon 138 kV line using 954 ACSR (0.1 miles)	Dec-28
Rebuild the 4/0 North Albany-Zula 69 kV line sections using 556 ACSR (10.37 miles)	Dec-28
Rebuild the 4/0 Maytown-West Liberty 69 kV line section using 556 ACSR (12.3 miles)	Mar-29
Rebuild the 266 Dale-Newby 69 kV Double-Circuit line section as a Single-Circuit 138 kV line section using 795 ACSR (11.1 miles)	Apr-29
Rebuild the 3/0 South Fork-Tyner 69 kV line section using 556 ACSR (14.9 miles)	Jul-29
Rebuild the 556 ACSR Nicholasville-Holloway Junction line sections using 556 ACSR (3.13 miles)	Oct-29
Rebuild the 4/0 Tunnel Hill 69 kV tap line to double circuit 266 ACSR (0.5 miles)	Dec-29
Rebuild the 266 ACSR Nicholasville-Davis 69 kV line section using 556 ACSR (3.91 miles)	Jan-30
Replace the structures on the 556 ACSR Hope-Frenchburg line section (10.94 miles)	Feb-30
Replace the structures on the 266 and 556 ACSR Powell Co-Zachariah line sections (16.14 miles)	Oct-30
Rebuild the 795 ACSR Cooper-Elihu 161 kV line using 1272 ACSS (4.2 miles)	Dec-30

<b>EKPC 10-YEAR TRANSMISSION EXPANSION SCHEDULE (2026 – 2035)</b>	
<b>C. Transmission Line Rebuilds (continued)</b>	<b>Forecasted In-Service Date</b>
<b>Project Description</b>	
Rebuild the 1/0 Renaker-Williamstown 69 kV line section using 556 ACSR (18.5 miles)	Nov-30
Rebuild the 266 ACSR Cooper-Somerset 69 kV double circuit line using 556 ACSR (3.2 miles)	Dec-31
Rebuild the 795 ACSR Boone-Gallatin 138 kV line section using 795 ACSR (29.0 miles)	Dec-33

<b>EKPC 10-YEAR TRANSMISSION EXPANSION SCHEDULE (2026 – 2035)</b>	
<b>D. New Transmission Stations and Switching Substations</b>	<b>Forecasted In-Service Date</b>
<b>Project Description</b>	
Build a new Madison County 69 kV Switching Station	Feb-27
Build a new Coburg Junction 69 kV Switching Station	Sept-27
Build a new Thunder Ridge 69 kV Switching Station	Aug-28
Build a new Liberty RICE 161 kV Switching Station	Dec-28
Build a new Newby 138/69 kV Transmission Station	Apr-29
Build a new 161/69 kV Transmission Station near Shepherdsville	Dec-29
Build a new Munk Junction 69 kV Switching Station	Nov-30
Build a new Cooper CCGT 161 kV Switching Station	Dec-30

<b>EKPC 10-YEAR TRANSMISSION EXPANSION SCHEDULE (2026 – 2035)</b>	
<b>E. Capacitor Bank Additions</b>	<b>Forecasted In-Service Date</b>
<b>Project Description</b>	
Install a new 40.8 MVAR, 69 kV Capacitor Bank at Cooper Station	Nov-26
Install a new 9 MVAR, 69 kV Capacitor Bank at Big Hill	Dec-27
Increase the size of the Blevins Valley Capacitor bank from 10.23 to 11.23 MVAR	Dec-27
Increase the size of the Grants Lick Capacitor bank from 10.75 to 12.25 MVAR	Dec-27
Increase the size of the Coburg 69 kV Capacitor Bank from 8.4 to 17 MVARs	Nov-30
Increase the size of the Green River Plaza 69 kV Capacitor Bank from 20.4 to 27 MVARs	Nov-30
Increase the size of the Four Oaks 69 kV Capacitor Bank from 13.84 to 16.84 MVARs	Dec-30
Increase the size of the Tyner 69 kV Capacitor Bank from 16.33 to 24.49 MVARs	Nov-35

<b>EKPC 10-YEAR TRANSMISSION EXPANSION SCHEDULE (2026 – 2035)</b>	
<b>F. New Distribution Substations and associated Tap Lines</b>	<b>Forecasted In-Service Date</b>
<b>Project Description</b>	
Construct a new Logistics Drive Distribution Substation 69-26.4 kV 18/24/30 MVA & Tap (1.4 miles)	Jun-26
Add a Logistics Drive #2 Distribution Transformer at 69-26.4 kV 18/24/30 MVA	Aug-26
Construct a new Autumn Leaf Distribution Substation 69-13.2 kV 12/16/20 MVA & Tap Line (3.9 miles)	Oct-26
Construct a new Cub Run Distribution Substation 69-25 kV 12/16/20 MVA and Tap Line (11.4 miles)	Mar-27
Construct a new Big Hill Distribution Substation 69-13.2 kV 12/16/20 MVA & associated tap line from the Three Links-Sand Gap 69 kV line section (8.6 miles)	Dec-27
Construct a new Thunder Ridge Distribution Substation 69-13.2 kV 12/16/20 MVA & Tap Line (0.5 miles)	Sept-28
Construct a new Stonewall Distribution Substation 138-25 kV 12/16/20 MVA & Tap Line (0.5 miles)	Dec-28
Construct a new Hoop Lane Distribution Substation 161-12.47 kV 12/16/20 MVA & Tap Line (1 mile)	Dec-29
Construct a new Prather Road Distribution Substation 161-12.47 kV 12/16/20 MVA & Tap Line (0.5 miles)	Dec-30

<b>EKPC 10-YEAR TRANSMISSION EXPANSION SCHEDULE (2026 – 2035)</b>	
<b>G. Distribution Substation Upgrades and associated Tap Lines</b>	<b>Forecasted In-Service Date</b>
<b>Project Description</b>	
Rebuild the Homestead Lane Distribution Substation as 69-13.2 kV 18/24/30 MVA (0.03 miles)	Dec-26
Rebuild and upgrade the Murphysville Distribution Substation to 69-26.4 kV 12/16/20 MVA & Control Building Replacement (0.25 miles)	May-27
Upgrade the Mariba transformer to 69-13.2 kV 12/16/20 MVA	May-27
Rebuild and upgrade the Oakdale Distribution Substation to 69-13.2 kV 12/16/20 MVA (New Location) (0.75 miles)	Jun-27
Rebuild and upgrade the Russell Springs #1 and #2 Distribution Substations to a single 69-13.2 kV 18/24/30 MVA station	Aug-27
Rebuild the Oven Fork Distribution Substation to 69-13.2 kV 12/16/20 MVA	Sept-27
Rebuild and upgrade the Vertrees Distribution Substation to 69-13.2 kV 12/16/20 MVA (0.04 miles)	Nov-27
Rebuild and upgrade the Campbellsburg Distribution Substation to 69-13.2 kV 12/16/20 MVA (0.02 miles)	Dec-27
Rebuild and upgrade the West Mt Washington Distribution Substation to 69-13.2 kV 12/16/20 MVA	Apr-28
Rebuild and upgrade the Bass Distribution Substation to 12/16/20 MVA (New Location) (0.04 miles)	May-28

<b>EKPC 10-YEAR TRANSMISSION EXPANSION SCHEDULE (2026 – 2035)</b>	
<b>G. Distribution Substation Upgrades and associated Tap Lines (continued)</b>	<b>Forecasted In-Service Date</b>
<b>Project Description</b>	
Rebuild and upgrade the Cumberland Falls Distribution Substation to 12/16/20 MVA (0.1 miles)	May-28
Rebuild the Phil Distribution Substation to 69-13.2kV 12/16/20 MVA	Jun-28
Rebuild the Four Oaks Distribution Substation to 69-13.2kV 12/16/20 MVA and new double circuit tap (New Location) (0.25 miles)	Oct-28
Rebuild and upgrade the Greensburg Distribution Substation to 69-13.2 kV 12/16/20 MVA (0.19 miles)	Sept-28
Rebuild and upgrade the Whitley City Distribution Substation to 69-26.4 kV 12/16/20 MVA (0.04 miles)	Sept-28
Rebuild and upgrade the Newby Distribution Substation to 69-12.5 kV 12/16/20 MVA	Apr-29
Rebuild and upgrade the Columbia Distribution Substation to 69-13.2 kV 12/16/20 (New Location) (0.05 miles)	May-29
Rebuild and upgrade the Mt Olive Distribution Substation to 69-13.2 kV 12/16/20 MVA	Nov-29
Upgrade the Darwin Thomas transformer to 161-12.5 kV 18/24/30 MVA	Dec-29
Rebuild the Mt Washington #1 Distribution Substation to 69-13.2 kV 12/16/20 MVA	Dec-29
Rebuild and upgrade the Zula Distribution Substation to 69-13.2 kV 12/16/20 MVA	Dec-29
Rebuild and upgrade the West Somerset Distribution Substation to 69-13.2 kV 12/16/20 MVA	Sept-30
Rebuild and upgrade the Holloway Distribution Substation to 69-13.2 kV 12/16/20 MVA	Dec-30
Rebuild and upgrade the Bardstown Shopping Center Distribution Substation to 69-13.2 kV 12/16/20 MVA	Apr-31
Rebuild and upgrade the Mt Washington #2 Distribution Substation to 69-13.2 kV 18/24/30 MVA	Apr-33
Rebuild and upgrade the Coburg Distribution Substation to 69-13.2 kV 12/16/20 MVA	Sept-33
Rebuild and upgrade the Hodgenville Distribution Substation to 69-13.2 kV 12/16/20 MVA	Sept-33
Rebuild and upgrade the Perryville Distribution Substation to 69-13.2 kV 12/16/20 MVA	Sept-33
Rebuild and upgrade the Hebron Distribution Substation to 138-13.2 kV 18/24/30 MVA	Apr-34
Rebuild and upgrade the Shepherdsville #1 Distribution Substation to 69-13.2 kV 12/16/20 MVA	Apr-34
Rebuild and upgrade the Shepherdsville #2 Distribution Substation to 69-13.2 kV 18/24/30 MVA	Apr-35
Rebuild and upgrade the Gap of the Ridge Distribution Substation to 69-26.4 kV 12/16/20 MVA	Sept-35
Rebuild and upgrade the Smithersville #1 Distribution Substation to 69-13.2 kV 12/16/20 MVA	Sept-35
Rebuild and upgrade the South Floyd Distribution Substation to 69-13.2 12/16/20 MVA	Sept-35

<b>EKPC 10-YEAR TRANSMISSION EXPANSION SCHEDULE (2026 – 2035)</b>	
<b>H. Terminal Facility Upgrades &amp; Additions Project Description</b>	<b>Forecasted In-Service Date</b>
Add a 40 kA 69 kV breaker at Rowan County for the Elliottville tap line	Jan-27
Upgrade the Cooper 161 kV breakers (9) to 63 kA	Dec-30

<b>EKPC 10-YEAR TRANSMISSION EXPANSION SCHEDULE (2026 – 2035)</b>	
<b>I. Transformer Upgrades Project Description</b>	<b>Forecasted In-Service Date</b>
Upgrade the Cooper 161/69 kV transformer with a 200 MVA unit	Dec-30
Upgrade the Marion County 161/138 kV transformer with a 300 MVA unit	Dec-30

<b>EKPC 10-YEAR TRANSMISSION EXPANSION SCHEDULE (2026 – 2035)</b>	
<b>J. Solar Generation Interconnection Request with executed Interconnection construction service agreements and certificates to construct Project Description</b>	<b>Forecasted In-Service Date</b>
Construct a new 69 kV switching station to facilitate the connection of the AF1-038 solar generation project to the existing Sewellton Junction-Webbs Crossroads 69 kV line section	Sept-26
Construct a new 161 kV switching station to facilitate the connection of the AF1-050 solar generation project to the existing Green County-Summer Shade 161 kV line section	Nov-26
Construct a new 69 kV switching station to facilitate the connection of the AD2-048 solar generation project to the existing Cynthiana-Headquarters 69 kV line section	Dec-26
Construct a new 161 kV switching station to facilitate the connection of the AF1-083 solar generation project to the existing Taylor County Junction-Saloma 161 kV line section	Dec-26
Construct new 161 kV infrastructure to facilitate the connection of the AE1-143 solar generation project to the existing Marion County 161 kV substation	Jun-27
Construct new 138 kV infrastructure to facilitate the connection of the AE2-339 solar generation project to the existing Avon 138 kV substation	Jun-27
Construct a new 161 kV switching station to facilitate the connection of the AG1-354 solar generation project to the existing Green County-Summer Shade 161 kV line section	Oct-28
Construct new 161 kV infrastructure to facilitate the connection of the AG1-341 solar generation project to the existing Summer Shade 161 kV substation	Dec-28
Construct a new 138 kV switching station to facilitate the connection of the AE2-308 solar generation project to the existing Dale-Three Forks Junction-Fawkes 138 kV line	Jan-29
Construct a new 138 kV switching station to facilitate the connection of the AF1-233 solar generation project to the existing Spurlock-Flemingsburg 138 kV line section	Mar-29

<b>EKPC 10-YEAR TRANSMISSION EXPANSION SCHEDULE (2026 – 2035)</b>	
<b>K. Transmission Line Maximum Operating Temperature Increase Project Description</b>	<b>Forecasted In-Service Date</b>
Increase the maximum operating temperature of the Liberty RICE Substation-Casey County 161 kV line conductor to 212° F (6.2 miles)	Dec-28
Increase the maximum operating temperature of the Marion County-Marion County Industrial Park Tap 161 kV line conductor to 212° F (4 miles)	Dec-28
Increase the maximum operating temperature of the Casey County-Marion County 161 kV line conductor to 212° F (17.8 miles)	Dec-30
Increase the maximum operating temperature of the Laurel Dam-Laurel County 161 kV line conductor to 212° F (13.5 miles)	Dec-30
Increase the maximum operating temperature of the Taylor County-AF1-038 161 kV line conductor to 212° F (0.92 miles)	Dec-30