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E-FILE

April 14, 2026

Matthew Homsher, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street, 2nd Floor North
P.O. Box 3265
Harrisburg, PA 17120-3265

Re: Electric Load Forecast Accountability
Docket No. M-2025-3058814

Dear Secretary Homsher:

Enclosed for filing on behalf of PPL Electric Utilities Corporation ("PPL Electric") is a public version of the electric load forecast information originally submitted January 29, 2026, as requested in the Secretarial Letter issued April 1, 2026.

Pursuant to 52 Pa. Code § 1.11, the enclosed document is to be deemed filed on April 14, 2026, which is the date it was filed electronically using the Commission's E-Filing System.

If you have any questions, please do not hesitate to contact me.

Respectfully submitted,

A handwritten signature in blue ink, appearing to read "Michael J. Shafer".

Michael J. Shafer

Enclosure

cc via email: Clinton McKinley
Dan Searfoorce
John Van Zant
Kriss Brown

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Company Name PPL Electric Utilities

Company Contact Joseph Lookup

Contact Phone

Email: jblockup@pplweb.com

Instructions:

Please complete this workbook in its entirety and file a live electronic copy with the Secretary of the Commission at the address listed below or using the Commission's Share Point File system.

Matthew L. Homsher, Secretary
Pennsylvania Public Utility Commission
400 North Street
Harrisburg, PA 17120

If your filing contains confidential material, you are required to either file by overnight delivery or submit to the Secretary's Share Point File system to ensure the timely filing of your submission. Filers should contact the Secretary's Bureau in advance to gain access to the Share Point File system. Make sure to reference the Docket Number listed above when filing your response.

Definitions:

Large Load Customer: A Large Load Customer is defined as a customer with maximum contract capacity of 50 MW or above individually or multiple closely located customers with maximum contract capacity of 100 MW or greater in the aggregate.

Company Name PPL Electric Utilities
 Company Contact Joseph Lookup
 Contact Phone
 Email: jblockup@pplweb.com

Please provide a 20-year calculated demand forecast that provides the following breakdown of system demand.

| Year | Forecast Energy Demand (MWh) | | | | | TOTAL | Forecast Impacts from Select Sectors (MWh) | | |
|------|------------------------------|------------|------------|-----------|--------|-------------|--|---|---------------------------------|
| | Residential | Commercial | Industrial | Other (1) | Resale | | Data Centers | Electrification Impacts, e.g., EV, Solar, Heating, etc. | Industrial/Manufacturing Growth |
| 2026 | 14,399,978 | 13,649,310 | 11,076,951 | 73,737 | - | 39,199,976 | 276 | | |
| 2027 | 14,490,959 | 13,708,756 | 19,543,766 | 74,256 | - | 47,817,737 | 1578 | | |
| 2028 | 14,637,522 | 13,867,303 | 34,408,254 | 75,340 | - | 62,988,419 | 6071 | | |
| 2029 | 14,636,890 | 13,863,009 | 52,204,592 | 75,239 | - | 80,779,730 | 9663 | | |
| 2030 | 14,692,545 | 13,872,527 | 65,500,291 | 75,239 | - | 94,140,602 | 12476 | | |
| 2031 | 14,723,723 | 13,992,006 | 73,924,882 | 75,120 | - | 102,715,731 | 14369 | | |
| 2032 | 14,818,590 | 14,017,520 | 79,008,571 | 75,240 | - | 107,919,921 | 14917 | | |
| 2033 | 14,792,105 | 13,996,344 | 80,242,594 | 75,006 | - | 109,106,049 | 14950 | | |
| 2034 | 14,823,635 | 13,980,964 | 81,225,386 | 74,820 | - | 110,104,805 | 14950 | | |
| 2035 | 14,874,532 | 13,980,963 | 81,238,400 | 74,754 | - | 110,168,649 | 14950 | | |
| 2036 | 14,906,182 | 13,980,963 | 81,238,400 | 74,754 | - | 110,200,299 | 14950 | | |
| 2037 | 14,946,832 | 13,980,963 | 81,238,400 | 74,754 | - | 110,240,949 | 14950 | | |
| 2038 | 14,987,482 | 13,980,963 | 81,238,400 | 74,754 | - | 110,281,599 | 14950 | | |
| 2039 | 15,028,132 | 13,980,963 | 81,238,400 | 74,754 | - | 110,322,249 | 14950 | | |
| 2040 | 15,068,782 | 13,980,963 | 81,238,400 | 74,754 | - | 110,362,899 | 14950 | | |
| 2041 | 15,109,432 | 13,980,963 | 81,238,400 | 74,754 | - | 110,403,549 | 14950 | | |
| 2042 | 15,150,082 | 13,980,963 | 81,238,400 | 74,754 | - | 110,444,199 | 14950 | | |
| 2043 | 15,190,732 | 13,980,963 | 81,238,400 | 74,754 | - | 110,484,849 | 14950 | | |
| 2044 | 15,231,382 | 13,980,963 | 81,238,400 | 74,754 | - | 110,525,499 | 14950 | | |
| 2045 | 15,272,032 | 13,980,963 | 81,238,400 | 74,754 | - | 110,566,149 | 14950 | | |
| 2046 | 15,312,682 | 13,980,963 | 81,238,400 | 74,754 | - | 110,606,799 | 14950 | | |

Notes

- (1) "Other" sales include public street and highway lighting, other sales to public authorities, sales to railroads and railways, and interdepartmental sales.
- (2) PPL Forecast within 10-year, and leverage industry forecasting and PJM Load

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Company Name PPL Electric Utilities
Company Contact Joseph Lookup
Contact Phone
Email: jblockup@pplweb.com

Please provide a 20-year calculated system Peak Load Forecast as follows:

| Year | Forecast Peak Load (MW) (2) | | | |
|------|-----------------------------|------------|--------|--------------------|
| | Summer | Winter (1) | Annual | Annual Load Factor |
| 2026 | 7,628 | 8,577 | 8,577 | 0.56 |
| 2027 | 8,720 | 10,004 | 10,004 | 0.59 |
| 2028 | 10,632 | 12,369 | 12,369 | 0.62 |
| 2029 | 12,807 | 14,429 | 14,429 | 0.69 |
| 2030 | 14,412 | 15,565 | 15,565 | 0.74 |
| 2031 | 15,480 | 16,515 | 16,515 | 0.76 |
| 2032 | 16,081 | 16,823 | 16,823 | 0.79 |
| 2033 | 16,238 | 16,865 | 16,865 | 0.79 |
| 2034 | 16,368 | 17,070 | 17,070 | 0.79 |
| 2035 | 16,481 | 17,084 | 17,084 | 0.79 |
| 2036 | 16,481 | 17,084 | 17,084 | 0.79 |
| 2037 | 16,481 | 17,084 | 17,084 | 0.79 |
| 2038 | 16,481 | 17,084 | 17,084 | 0.79 |
| 2039 | 16,481 | 17,084 | 17,084 | 0.79 |
| 2040 | 16,481 | 17,084 | 17,084 | 0.79 |
| 2041 | 16,481 | 17,084 | 17,084 | 0.79 |
| 2042 | 16,481 | 17,084 | 17,084 | 0.79 |
| 2043 | 16,481 | 17,084 | 17,084 | 0.79 |
| 2044 | 16,481 | 17,084 | 17,084 | 0.79 |
| 2045 | 16,481 | 17,084 | 17,084 | 0.79 |
| 2046 | 16,481 | 17,084 | 17,084 | 0.79 |

Notes

(1) The winter peak follows the summer peak. The summer season is June through September and the winter season is December through March of the following year.

(2) Peak load figures reflect expected Act 129 reductions, if applicable.

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Company Name

Company Contact

Contact Phone

Contact Email

Identify any load factors used to calculate demand for certain load types.

| Load Type | Load Factor |
|----------------------------|--------------------|
| Commercial Office | 10% to 25% |
| Data Center | 50% to 90% |
| EV | 10% to 60% |
| Industrial | 50% to 80% |
| Medical Center | 45% to 60% |
| Refrigerated Storage | 20% to 25% |
| Stadium | 20% to 30% |
| Water/Wastewater Treatment | 30% to 100% |
| Other | various |
| | |

Note: All load factors will depend on site specific data provided.

PPL requests at minimum the following confirmations from customer during the load forecasting review during project initiation:

- 1) Does customer own or control land ?
- 2) Confirm if customer land is properly zoned for business use proposed?
- 3) Does the customer have preliminary or final local municipal plan approval?
- 4) Does the customer have final building permits?
- 5) Does customer have state and federal environmental permits required?
- 6) Does the customer have tenants or is the end user?
- 7) What raw material/long material have been ordered and confirmed?
- 8) What public disclosures/announcements has the customer provided on the project?
- 9) Can you confirm the proposed community benefits and what local organizations have you coordinated with?
- 10) All proper planning/electrical studies have been completed proposed interconnection?
- 11) Financial credit checks have been performed on proposed customer?
- 12) Has the customer signed an interconnection, construction, or line extension agreement with EDC?
- 13) Confirmation of construction resources for initial load ramp?
- 14) Has the customer signed an ESA or LOA agreement for the site?
- 15) Has the customer signed a construction service agreement?
- 16) Has customer provided all required milestone payments and credit support?
- 17) Is the customer considering other locations outside of territory or within territory ?
- 18) Does the customer is willing to utilize a voluntary interruptions or flexible load connection?
- 19) Is the customer have it's own generation?

