

Andy Beshear
Governor

John Lyons
Secretary
Energy and Environment Cabinet



Commonwealth of Kentucky
Public Service Commission
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Angie Hatton
Chair

Mary Pat Regan
Commissioner

Andrew W. Wood
Commissioner

May 11, 2026

PARTIES OF RECORD

Re: Case No. 2025-00313

Notice is given to all parties that the attached Louisville Gas and Electric and Kentucky Utilities Company Informal Conference Memorandum, attendance list and semi-annual update of MC6 Monitoring have been filed into the record of this proceeding.

If you have any comments you would like to make regarding the contents of the document, please do so within five days of receipt of this letter. If you have any questions, please contact Ashley Hatcher, Staff Attorney III, at Ashley.Hatcher@ky.gov.

Sincerely,

A handwritten signature in blue ink that reads "Linda C. Bridwell".

Linda C. Bridwell, PE
Executive Director

Attachment

INTRA-AGENCY MEMORANDUM

KENTUCKY PUBLIC SERVICE COMMISSION

TO: Case No. 2025-00313
FROM: Ashley, Hatcher, Staff Attorney III
DATE: May 8, 2026
RE: Informal Conference of April 21, 2026

Pursuant to a Staff Notice issued on March 5, 2026, an informal conference was conducted on April 21, 2026. Attached is a copy of the in-person and online attendance roster.

The purpose of the informal conference was to discuss Louisville Gas & Electric Company (LG&E) and Kentucky Utilities Company's (KU) (jointly, LG&E/KU) semi-annual updates in relation to Mill Creek 6. LG&E/KU provided a presentation, which is attached. A discussion was had regarding data requests and limiting the data requests to only include topics related to Mill Creek 6 and load forecasting. The parties agreed that a schedule allowing for post IC requests for information may be helpful.

There being no further discussion, the informal conference was then adjourned.

cc: Parties of Record

Case No. 2025-00313

Electronic Monitoring of Louisville Gas and Electric Company and Kentucky Utilities Company's Mill Creek 6 Unit



Semi-Annual Updates – 1st Meeting
April 21, 2026

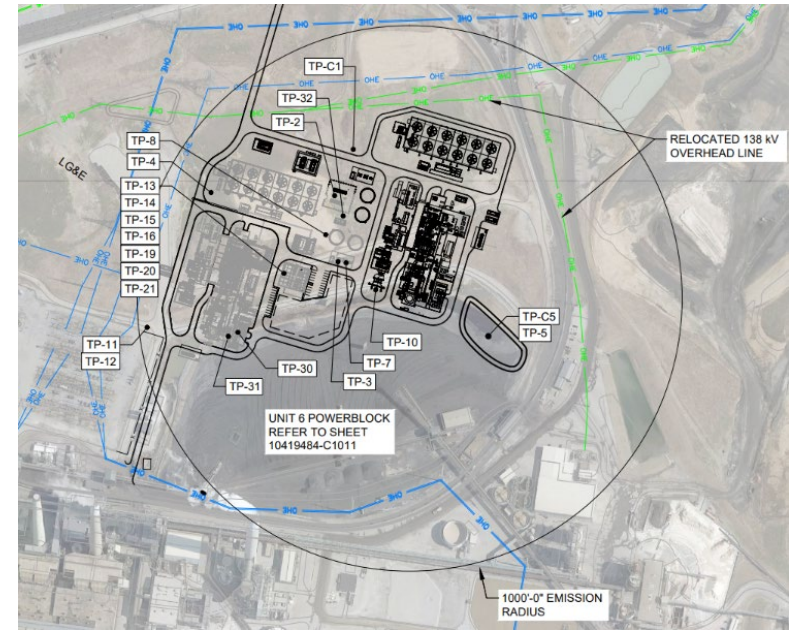


Agenda

- Mill Creek 6 Natural Gas Combined Cycle Combustion Turbine (NGCC)
 - Firm Gas Transportation Service
 - Construction Update
 - Project Timeline
 - Financials
- NGCC Market Update
- Economic Development
- Load Forecast

Mill Creek 6 NGCC

- 1X1 Single Shaft NGCC
 - 645MW (net summer)/660MW (net winter)
 - Gas Turbine (GT): GE 7HA.03
 - Steam Turbine (ST): GE STF-D650
 - Generator: GE W86
 - Heat Recovery Steam Generator (HRSG): Vogt Power
- Current Activities
 - Negotiating the power island agreement with GE Vernova Inc. (GEV)
 - Issued Engineering, Procurement, and Construction (EPC) Request for Proposal (RFP) on 01/20/26, bids are due 05/31/26
 - Executed contracts for long lead electrical equipment
 - HICO America Generation Step Up Transformers (GSU) – Awarded on 03/27/26
 - Siemens (RAT/UAT) – Awarded on 02/18/26
 - Executed Long Term Service Agreement (LTSA) with GEV on 04/10/26
 - Submitted and supporting a Large Generator Interconnection request
 - Interstate pipeline expansion that will also provide gas transport to MC6 is moving forward



Mill Creek 6 NGCC

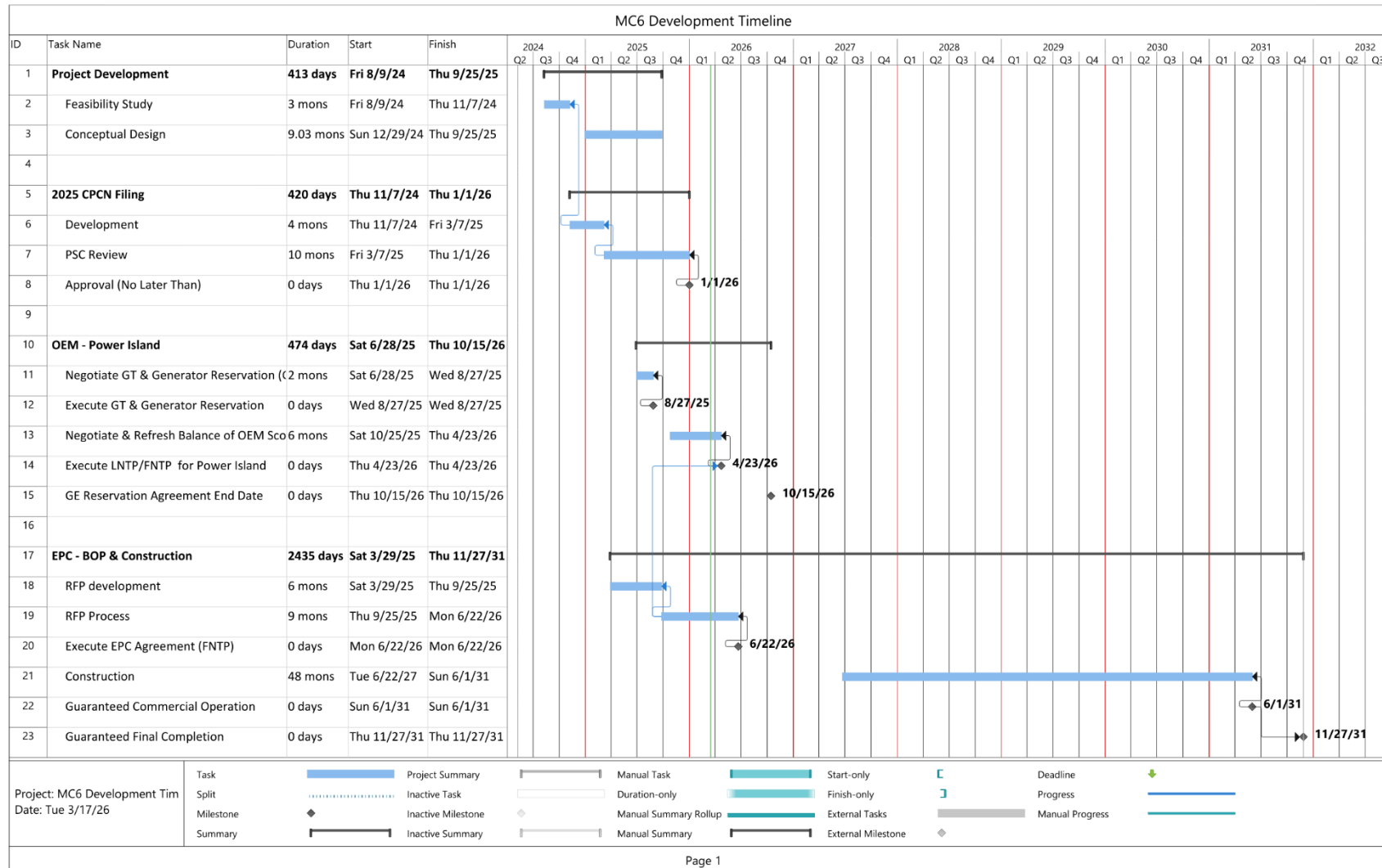
- Upcoming Activities

- Execute the power island agreement with GEV by the end of April 2026
- Receive, review, negotiate, and execute the EPC agreement
- Procurement of long lead equipment as necessary
- Ongoing support for the interconnection request

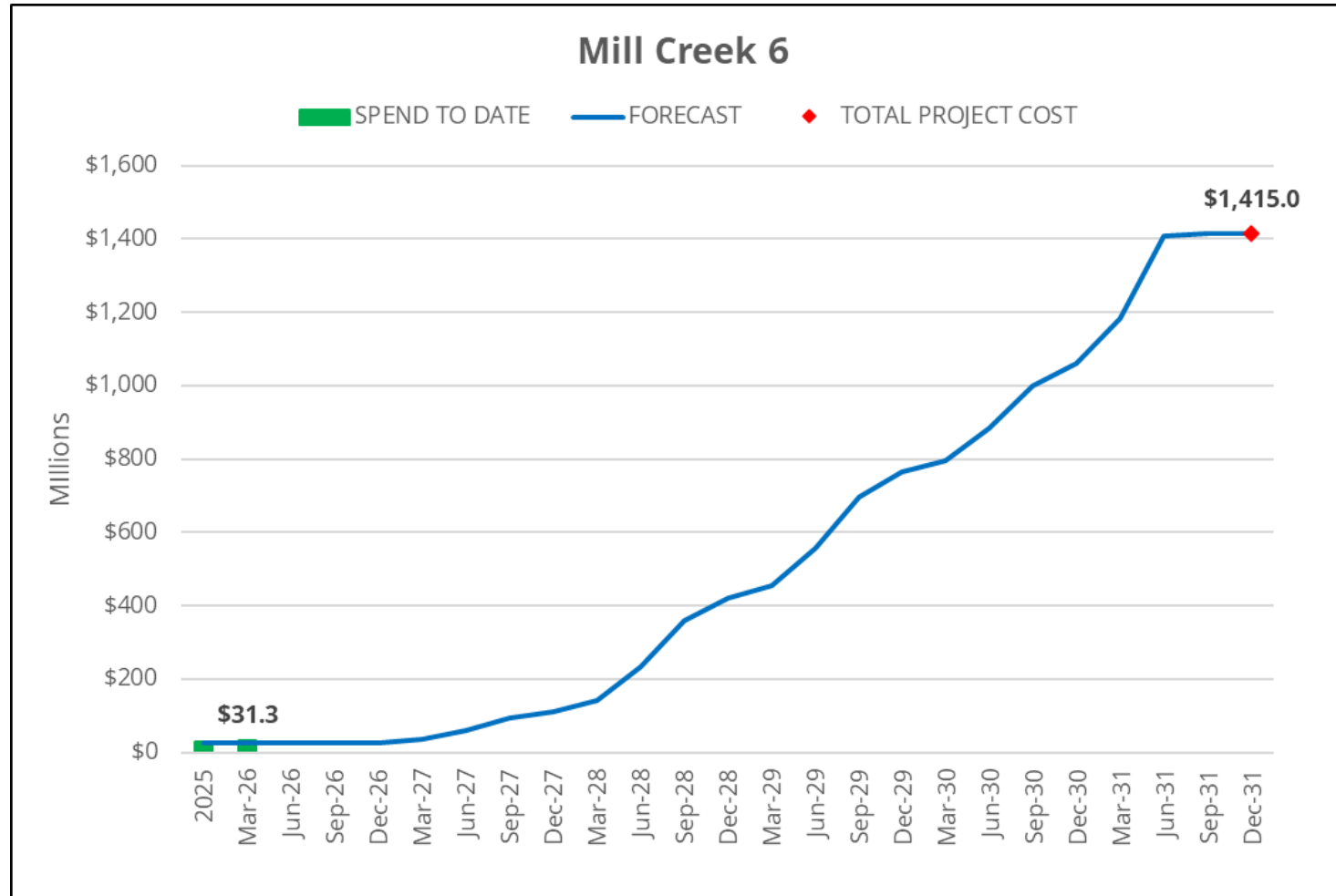
- Spend to Date: \$31.3M

- \$30.0 – Reservation Agreement
- \$0.5 – Company Labor (Project Development, Management, and Procurement)
- \$0.8 – Extremal Engineering

Mill Creek 6 NGCC – Project Timeline



Mill Creek 6 NGCC – Project Financials



NGCC Market & Price Update

Current Market Conditions

- Current all in costs for Advance Class NGCCs range between \$2500-\$2600/kW and continues to experience upward price pressures
 - Compared to the as filed price of ~\$2200/kW for MC6
- Power Island costs are trending ~28% above the costs provided in the CPCN filing
 - GEV is currently marketing mid-2031 production slots, which result in a mid-2033 COD
- EPC costs are trending ~15% above the costs provided in the CPCN filing

MC6 Price Update

- Power Island costs for MC6 are ~12% above the costs provided in the CPCN filing

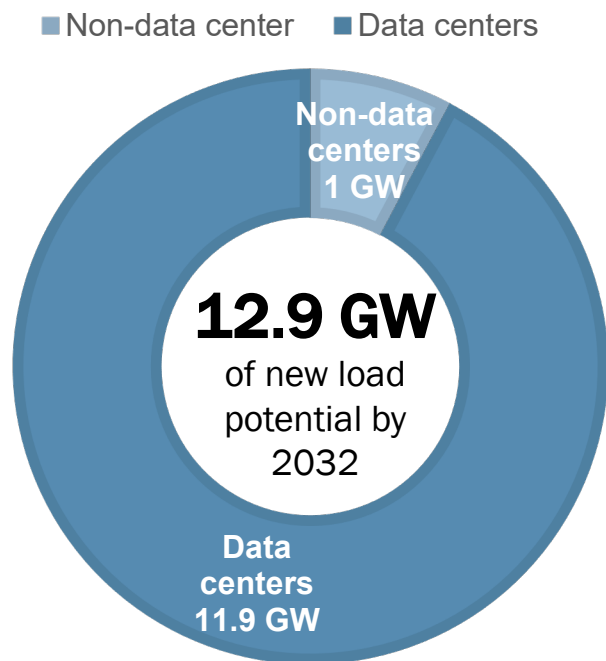
The Advance Class NGCC market remains highly volatile and continues to experience significant upward price pressures

Economic Development as of 3/30/2026

Kentucky continues to attract significant interest from the private sector

LG&E/KU's Current Development Pipeline

Electric Peak (in GW)



**2025 CPCN filing load forecast assumed
~1.8 GW of additional load**

Economic development queue in KY shows total potential load growth of 12.9GW through 2032

- Data center related load exceeds 11.9 GW; about 3.7 GW are considered highly active with 662 MW under agreement or construction
- Manufacturing and other non-data center requests have increased from previous update, including 592MW of new non-data center load that is highly active

245MW of new load marked as announced since the beginning of 2025 (90MW in service).

Projections continue to indicate ~3.5 GW of expected new load by 2032 (increase from ~1.8 GW in CPCN forecast)

- If this level of new load materializes, additional generation resources will be needed
- In the 2025 Q4 Report projections indicated 2.8GW of expected new load by 2032

Economic Development Project Pipeline

209 Projects totaling 12.9 GW of power are in the pipeline

Customer Expansions:

- 99 projects totaling 278 MW
- 23 (33 MW) of which are Prospect (50%)
- 18 (33 MW) of which are Imminent (80%)
- 32 (134 MW) of which have been Announced (+95%). To name a few:
 - Toyota - New Paint Line
 - Veterans Hospital
 - Univ of Kentucky - Expansions
 - Horse Soldier Bourbon



New Economic Development: (non-data center)

- 80 projects totaling 711 MW
- 5 (356 MW) of which are Prospect (50%), such as GLE.
- 4 (12 MW) of which are Imminent (80%), such as Foxconn.
- 3 (21 MW) of which have been Announced (+95%). To name a few:



Data Center:

- 30 projects totaling 11.9 GW
- 7 TSRs study (3.1 GW) – Prospect 50%
- Reimbursement Agreements Totaling 662 MW – Imminent 80%
 - Poe – Campground
 - Aphorio Carter (2 separate sites)



Stats are as of (3/30/2026)

Load Forecast Updates

- No material updates to base load (excluding Economic Development) forecast since CPCN load forecast
- Base load forecast should not significantly change in the near-term from one forecast to the next
- Consistent with recent 387 filing, Economic Development interest is trending higher, but CPCN assumptions remain reasonable

PSC INFORMAL CONFERENCE SIGN IN SHEET

CASE #: 2025-00313 Kentucky Utilities Company and Louisville Gas and Electric Company

LOCATION: 211 Sower Blvd Frankfort KY- Viewing Room 1

DATE: Tuesday, April 21, 2026

NAME	COMPANY
CHUCK SCHRAM	LG&E/KU
Sara Judd	LG&E/KU
Jeff Heun	LG&E/KU
Rick Lovekamp	LG&E/KU
Robert Caproy	LG&E/KU
John Berington	LG&E/KU
Chris Tiede	
Jim Gardner	Louisville Metro
Rebecca Price	Louisville Metro
Toland Lucy	Ky A&E
Larry Cook	Ky A&E
Gyrom Gary	JL
Joe Childers	Stinson C&G
Mike Kirk	KIUC
Ashley Hatcher	PSC

PSC INFORMAL CONFERENCE SIGN IN SHEET

CASE NUMBER: 2025-00313

LOCATION: Public Service Commission, 211 Sower Blvd.
Frankfort, KY 40601

DATE: April 21, 2026

Virtual Attendees

NAME	COMPANY
David Spenard	KYSEIA
Randy Strobo	KYSEIA
Jody Kyler Cohn	KIUC
Matt Malone	KCA
Nathanial Shoaff	Sierra Club
Elisa Owen	Sierra Club
John West	Public Service Commission of Kentucky
John Rogness	Public Service Commission of Kentucky
Brian Thomas	Public Service Commission of Kentucky

Service List for 2025-00313

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