

Andy Beshear
Governor

John Lyons
Secretary
Energy and Environment Cabinet

Angie Hatton
Chair



Commonwealth of Kentucky
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Mary Pat Regan
Vice Chair

Andrew W. Wood
Commissioner

Barry L. Mayfield
Commissioner

October 26, 2026

PARTIES OF RECORD

Re: Case No. 2025-00313

Notice is given to all parties that the attached Louisville Gas & Electric Company and Kentucky Utilities Company Informal Conference Memorandum, attendance list and Semi-Annual update for Mill Creek Unit 6 presentation 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 "Justin McNeil".

Justin McNeil
Executive Director

Attachment

INTRA-AGENCY MEMORANDUM

KENTUCKY PUBLIC SERVICE COMMISSION

TO: Case No. 2025-00313

FROM: Ashley Hatcher, Staff Attorney III

DATE: October 26, 2026

RE: Informal Conference of October 14, 2026

Pursuant to a Staff Notice issued on September 29, 2026 an informal conference was conducted on October 14, 2026. Attached is a copy of the attendance roster.

The purpose of the informal conference was to discuss updates on Mill Creek 6. Louisville Gas and Electric Company (LG&E) and Kentucky Utilities Company (KU) (jointly LG&E/KU) provided a presentation based on the agenda topics which is attached. LG&E/KU requested an additional week to respond to the forthcoming data requests. No party had an objection.

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

cc: Parties of Record



PPL companies

CASE NO. 2025-00313
ELECTRONIC MONITORING OF LOUISVILLE
GAS AND ELECTRIC COMPANY AND
KENTUCKY UTILITIES COMPANY'S MILL
CREEK 6 UNIT

Semi-Annual Updates – 2nd Meeting – October 14, 2026

Agenda

- Mill Creek 6 Natural Gas Combined Cycle Combustion Turbine (NGCC)
 - Firm Gas Transportation Service
 - Construction Update
 - Project Timeline
 - Financials
- Mill Creek 5 Update
- NGCC Market Update
- Economic Development
- Load Forecast
- Cost Recovery

Mill Creek 6 NGCC – Current & Recent Activities

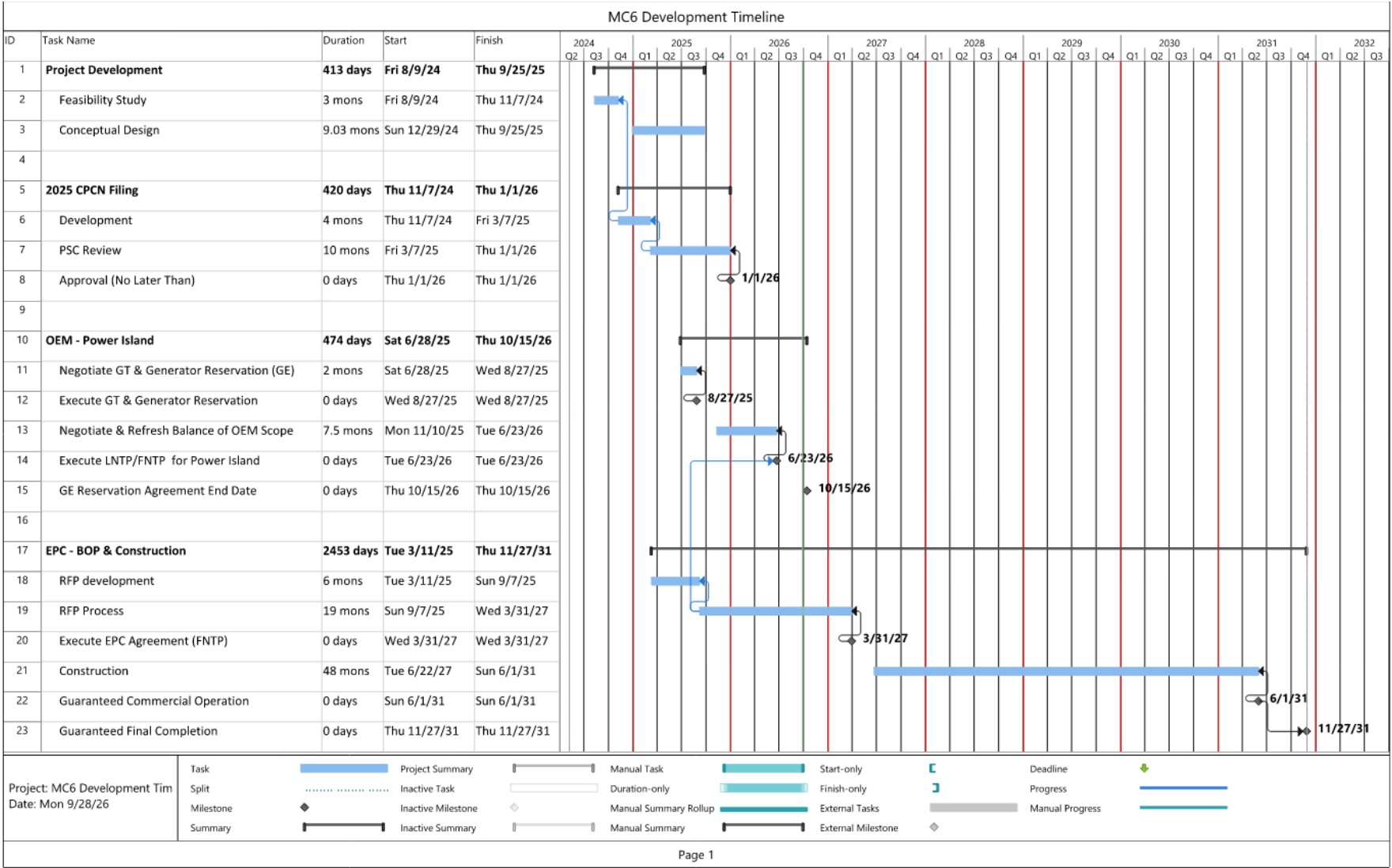
- GE Vernova Inc. (GEV)
 - Executed Long Term Service Agreement (LTSA) in April 2026
 - Executed the power island agreement in June 2026
 - Held the construction kickoff meeting in August 2026
- Engineering, Procurement, and Construction (EPC) Request for Proposal (RFP)
 - Issued January 2026, bids received in May 2026
 - Companies identified multiple deficiencies and concerns with the proposals and extended the bid window to the end of November
- Large Generator Interconnection
 - Initial report was issued, however, a restudy is required due to late projects withdrawals
 - No significant impacts were identified in the initial report
- Interstate pipeline expansion, that will also provide gas transport to MC6, is moving forward
- Louisville Metro Air Pollution Control District finalized the Title V Construction Permit on September 10
 - Environmental groups filed an administrative challenge to the Mill Creek 5 & 6 air permit approval last week



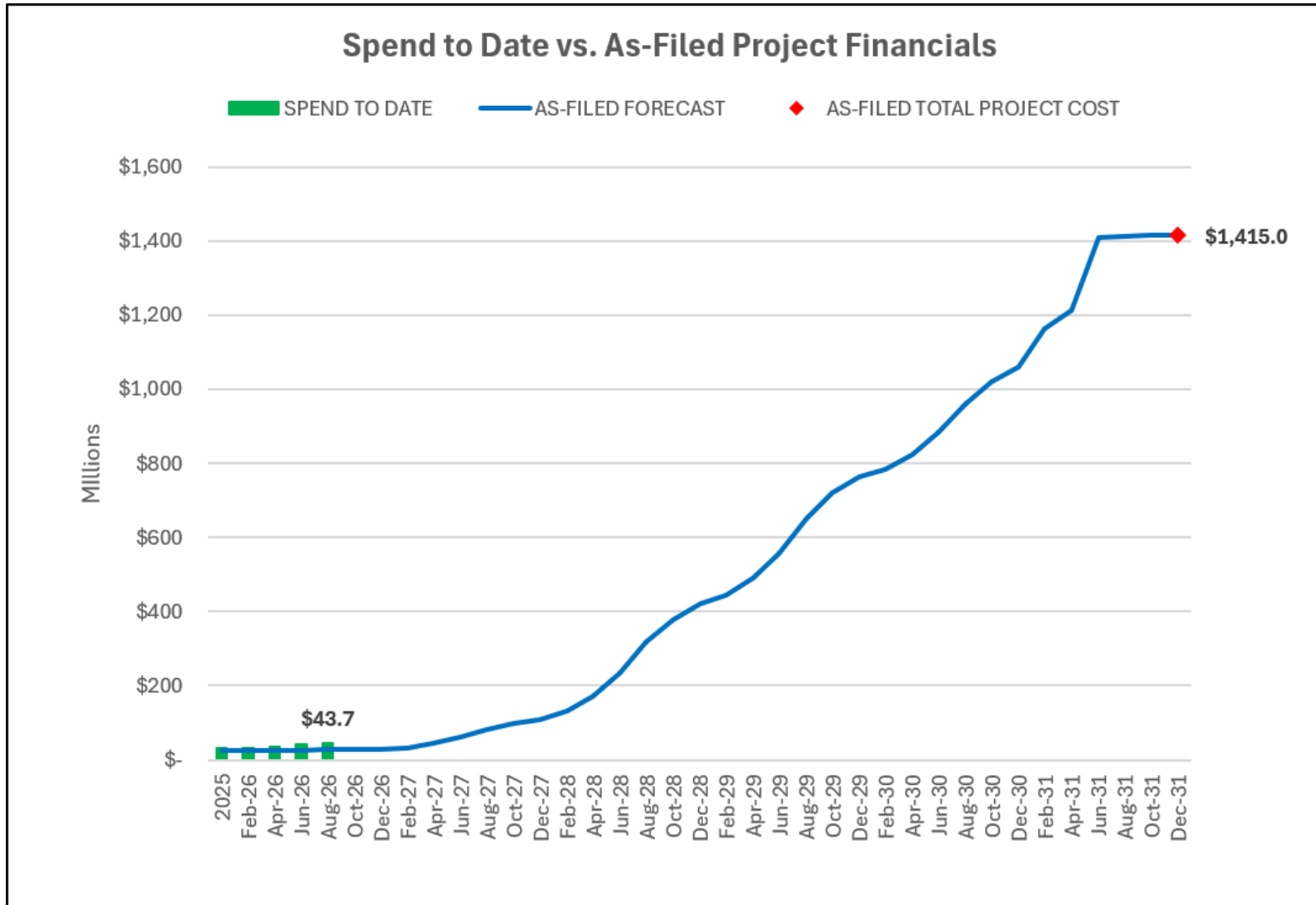
Mill Creek 6 NGCC

- Upcoming Activities
 - Receipt and review of submittals from GEV
 - Receive and review updated EPC proposals
 - Negotiate, and execute the EPC Agreement
 - Procurement of long lead equipment as necessary
 - Ongoing support for the interconnection restudy
- Spend to Date: \$43.7M
 - \$30.0 – Reservation Agreement
 - \$0.6 – Company Labor (Project Development, Management, and Procurement)
 - \$1.3 – External Engineering
 - \$11.8 – Equipment

Mill Creek 6 NGCC – Project Timeline



Mill Creek 6 NGCC – Project Financials



MILL CREEK 5 NGCC

\$935M (construction in progress):

- **1x1 Single Shaft Combined Cycle**

- GE Vernova scope of supply

- CT: 7HA.03 Gas Turbine

- ST: STF-D650

- Generator: W86

- HRSG: Vogt Power

- **EPC Contractor — TIC**

- **Output:**

- Summer Rating — 618 MW
(645 MW w/Duct Firing)

- Winter Rating — 640 MW
(660 MW w/Duct Firing)

- Major activities are installation of structure steel, piping, and electrical

- First fire is scheduled for late December 2026

- Commercial Operation is on target for June 2027



NGCC Market & MC6 Price Update

Current Market Conditions

- Current all in costs for Advance Class NGCCs range between \$3000-\$3200/kW and continues to experience upward price pressures
 - Compared to the as filed price of ~\$2200/kW for MC6
- Gas turbine availability has become the primary project development constraint.
- The pool of qualified EPC contractors capable of executing large combined-cycle projects remains constrained.
- Craft labor shortages continue to drive schedule and cost risk.
- Long-lead electrical equipment remains supply constrained
 - Particularly transformers, switchgear, and related balance-of-plant equipment
- Project success is increasingly dependent on securing equipment/craft rather than optimizing cost.

MC6 Price Update

- Power Island Agreement was Executed ~12% above the costs provided in the CPCN filing

Pipeline Remains Strong

236 Projects totaling 15.4 GW of power are in the pipeline

Customer Expansions:

- 70 projects totaling 323 MW
- 8 (22 MW) of which are **Prospect** (50%)
- 13 (44 MW) of which are **Imminent** (80%)
- 26 (131 MW) of which have been **Announced** (+95%)
- To name a few:
 - Toyota**
 - GE Appliances**
 - MSD – Paddy's Run**
 - Univ. of Kentucky**



New Economic Development: (non-data center)

- 135 projects totaling 2.6 GW
- 21 (351 MW) of which are **Prospect** (50%)
- 10 (7 MW) of which are **Imminent** (80%)
- 28 (68 MW) of which have been **Announced** (+95%)
- To name a few:
 - Ford Energy**
 - Foxconn**
 - Horse Soldier Bourbon**



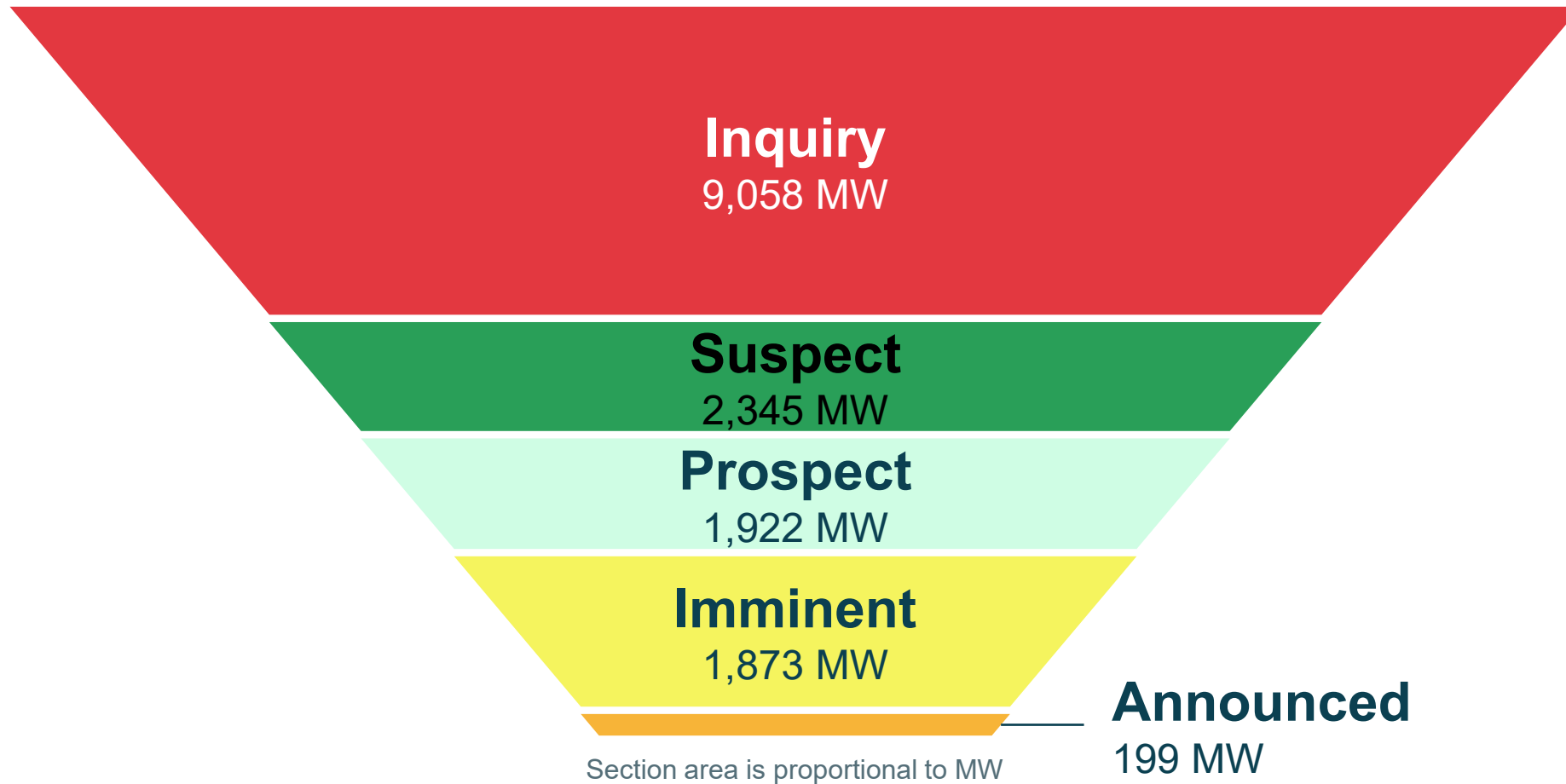
Data Center:

- 31 projects totaling 12.5 GW
- 9 TSRs (3.4 GW) – **Prospect** (50%) & **Imminent** (80%)
- 6 reimbursement agreements totaling 1.8 GW – **Imminent** 80%;



Stats are as of (8/31/2026)

Pipeline Comparison



236 Projects totaling 15.4 GW of power are in the pipeline

Economic Development & Data Center Updates

Economic Development Activity Remains Strong

- **More than 500 MW of publicly announced projects, including Global Laser Enrichment and General Matter, are also located within the LG&E and KU pipeline**, providing additional visibility into future electric demand beyond the imminent and announced projects.
- **Data-center interest remains active.** While several Kentucky communities have adopted temporary moratoriums or are reviewing local requirements, developers and prospective end users continue to evaluate specific sites and work with the Companies on transmission studies, infrastructure requirements, commercial agreements and potential service timelines.
- **Project activity remains subject to site-specific approvals and execution milestones**, including local zoning, community engagement, environmental permitting, transmission and generation availability, and customer financial commitments.

Kentucky Policy and Legislative Activity

- The Governor's August 6, 2026, executive order established additional expectations for data-center development, including customer energy plans, protections for other utility ratepayers, environmental review and demonstrated community benefits.

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
- Will continue to monitor Economic Development activity and evaluate its potential impact on future load forecasts as projects advance and additional information becomes available

Cost Recovery

- **Ongoing Commission Oversight**

- The Commission established a monitoring process to review the project as construction progresses.

- **Disciplined, Fact-Based Review**

- The Companies will continually evaluate updated load forecasts, market conditions, project costs, and expected customer benefits.

- **Protection for Customers**

- Any future cost-recovery request must be supported by the facts at that time and demonstrate that the investment remains prudent and provides value to customers.

PSC INFORMAL CONFERENCE SIGN IN SHEET

CASE NUMBER: 2025-00313

LOCATION: Virtual Only

DATE: October 14, 2026

Virtual Attendees

NAME	COMPANY
David Spenard	KYSEIA
Jody Kyler Cohn	KIUC
Caroline Engle	Public Service Commission of Kentucky
Ashley Hatcher	Public Service Commission of Kentucky
John Rogness	Public Service Commission of Kentucky
Toland Lacy	Attorney General
Whit Cox	KYSEIA
John Horne	Attorney General
Sara Judd	LG&E/KU
Robert Conroy	LG&E/KU
Allyson Sturgeon	LG&E/KU
Rick Lovecamp	LG&E/KU
Duncan Crosby	Stoll Keenon Ogden on behalf of LG&E/KU
Matt Malone	KCA
Rebecca Price	Louisville Metro
Brian Thomas	Public Service Commission of Kentucky

Charles Schram	LG&E/KU
John Bevington	LG&E/LU
Randy Strobo	KYSEIA
Nathaniel Shoaff	Siera Club
Byron Gary	Joint Intervenors
Jeff Brock	KCA
Addison Taylor	KYSEIA
Jeff Heun	LG&E/KU
Derek Rahn	LG&E/KU

Service List for Case 2025-00313

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