Update on Inputs for Upcoming December 2025 FPR/ELCC Run

RAAS
November 14, 2025

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Overview

- The December 2025 FPR/ELCC run will calculate planning parameters for the following auctions:
  - 2028/2029 BRA
  - 2026/2027 3rd IA
- Performance and weather data will roll in data from the 6/1/2024 through 5/31/2025 period
- Plan to use load data from the 2026 Load Forecast which is still to be completed. Additional details can be found at the Load Analysis Subcommittee (LAS)
- Updates to the Gas Combined Cycle Dual Fuel Class and the Gas Combustion Turbine Dual Fuel Class definitions were approved by FERC in docket ER25-3413

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ELCC Data Schedule

Parameter	28/29 BRA	26/27 3rd IA
Load Scenarios	2026 PJM Load Forecast for the 2028/2029 Delivery Year	2026 PJM Load Forecast for the 2026/2027 Delivery Year
Weather Data	June 1, 1993 through May 31, 2025	June 1, 1993 through May 31, 2025
Unlimited Resource Performance Data	June 1, 2012 through May 31, 2025	June 1, 2012 through May 31, 2025
Variable Resource Performance Data	June 1, 2012 through May 31, 2025	June 1, 2012 through May 31, 2025
DR ICAP	2026 PJM Load Forecast for the 2028/2029 Delivery Year	2026 PJM Load Forecast for the 2026/2027 Delivery Year
DR Winter Performance Shape	2025/2026 Registrations	N/A
Notice of Internt to Offer (NOI)	Submission via Capacity Exchange or Sharepoint by December 1, 2025	Submission via Capacity Exchange or Sharepoint site by November 26, 2025
Dual Fuel Attestation	Submissions in ELCC Sharepoint site by Dec 1,2025	Submissions in ELCC Sharepoint site by Aug 1, 2025
Transitional Deliverability Study	Study completed in Dec 2025	Study completed in Jan 2025
Announced Deactivation Review	Unit List pulled in Dec 2025	Unit List pulled in Dec 2025

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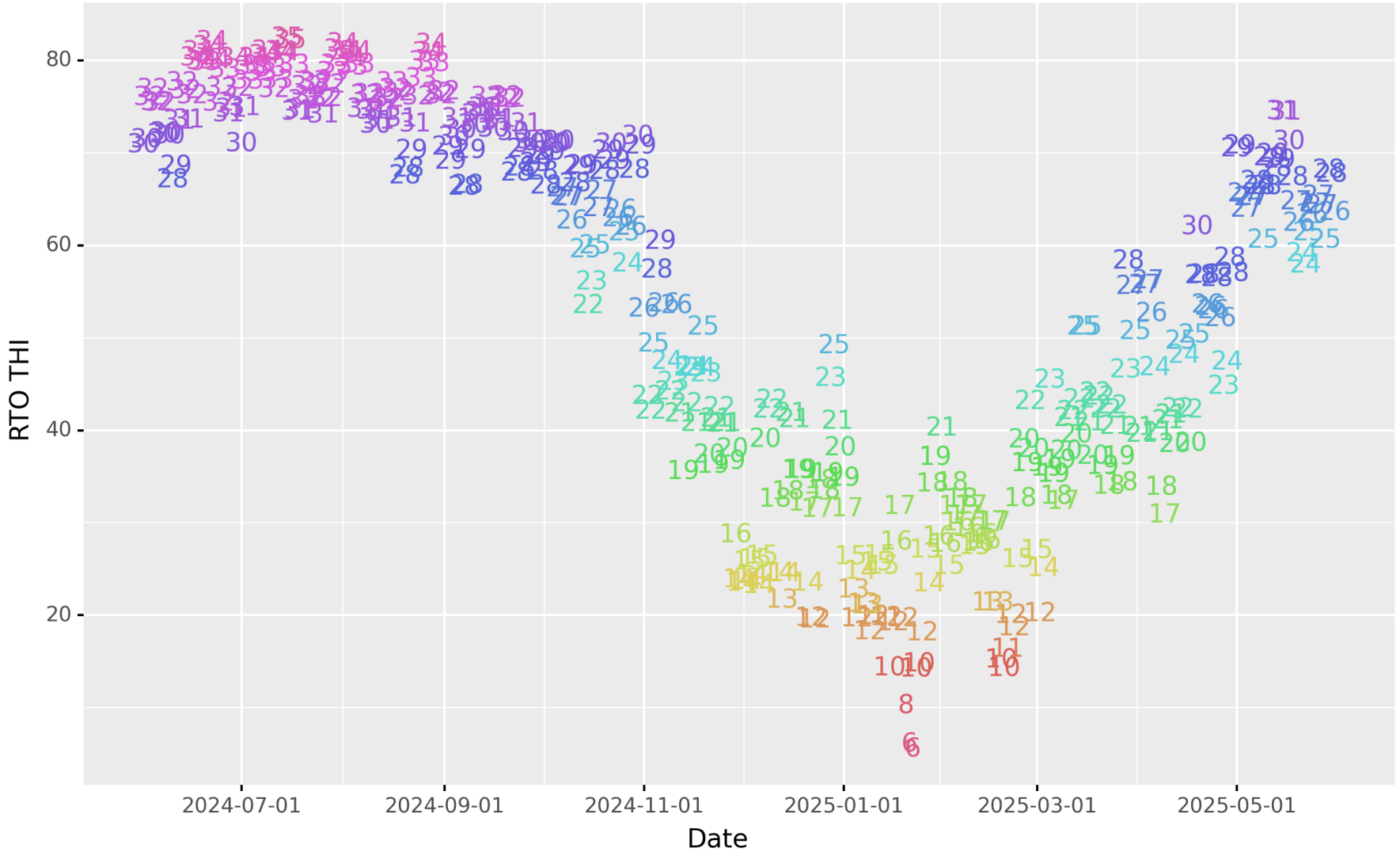
Weather Data



Number in graph shows bin membership after applying the binning methodology.

For example, 6 at the bottom of graph means that that day is in the bin min6.

No bin merging has been performed on the data.

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Weather Data cont.

Data Used: June 1, 1993 through May 31, 2025

6/1/2024 – 5/31/2025 Details				
Bin	**Bin Count**	**Min THI**	**Max THI**	**Mean THI**
min6	2	5.50	6.08	5.79
min8	1	10.17	10.17	10.17
min10	5	14.19	15.13	14.50
max33	18	77.58	79.79	78.87
max34	19	79.86	81.99	80.81
max35	2	82.13	82.37	82.25

Cold Weather Highlights:

- Two new events added to the min6 bin
  - January 21, 2025
  - January 22, 2025
- In June 2025 ELCC, min6 bin was the second coldest bin post merging

Hot Weather Highlights:

- Two new events added to the max35 bin
  - July 15, 2024
  - July 16, 2024
- In June 2025 ELCC, max35 bin was the warmest bin post merging

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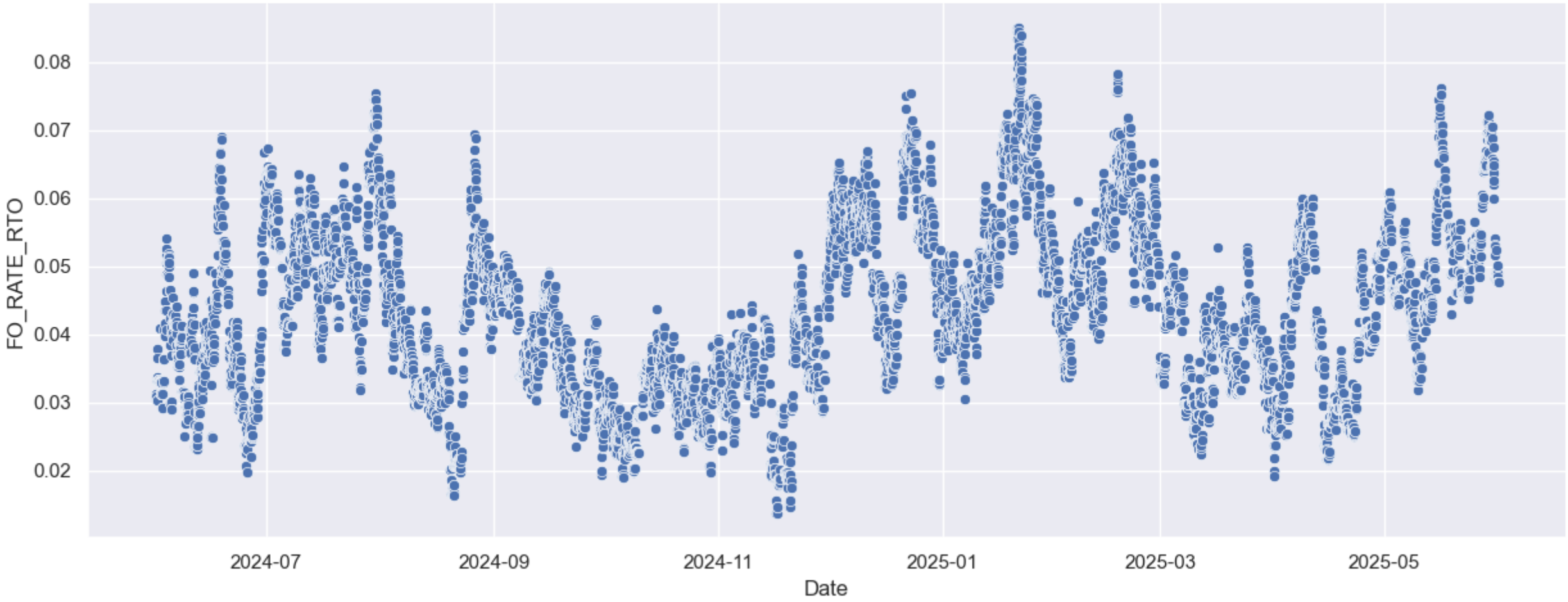
Preliminary Forced Outages 24/25 DY: All Unlimited Resources



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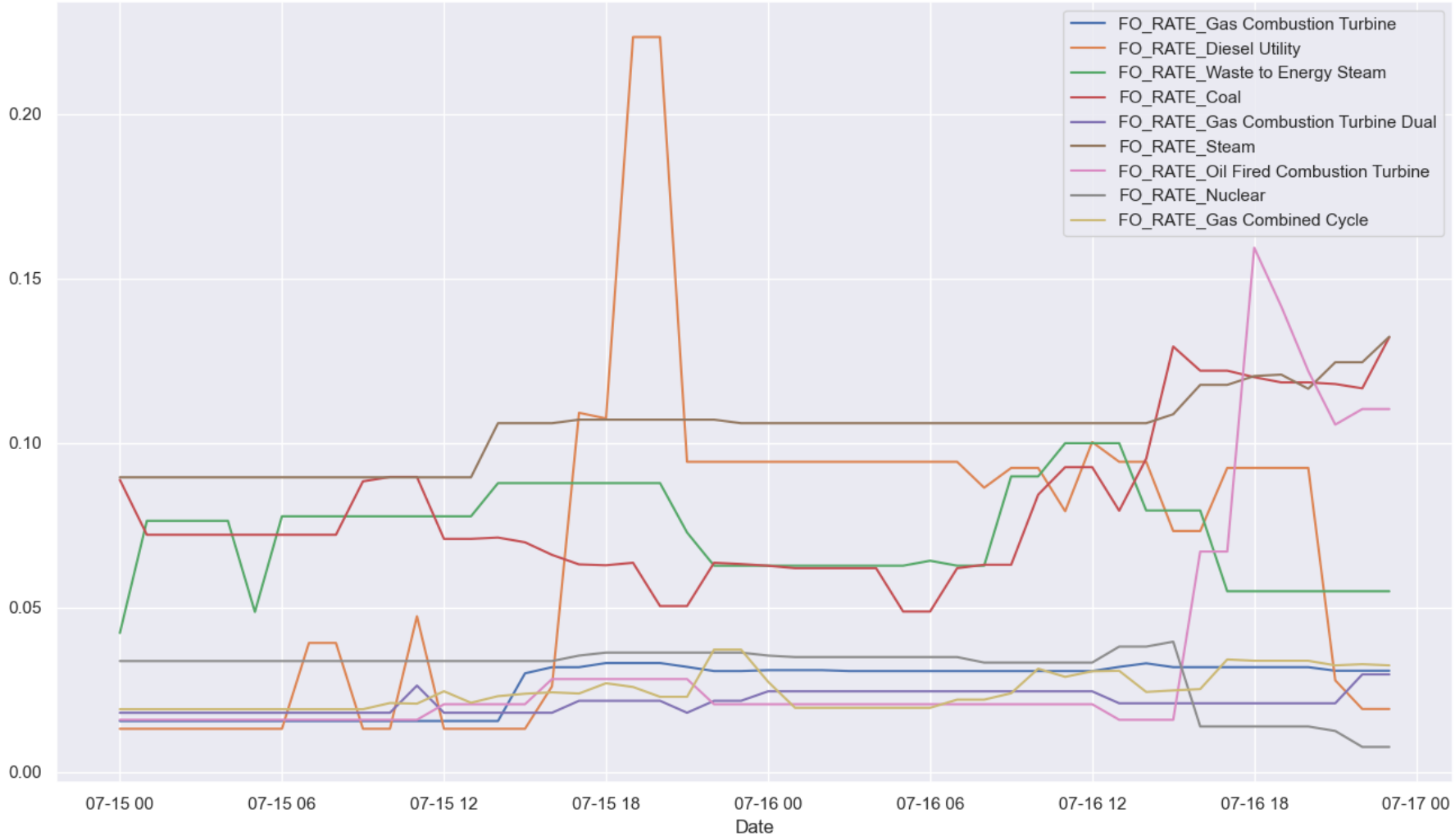
Preliminary Forced Outage Rate for Unlimited Classes on Warmest Day of 2024/2025



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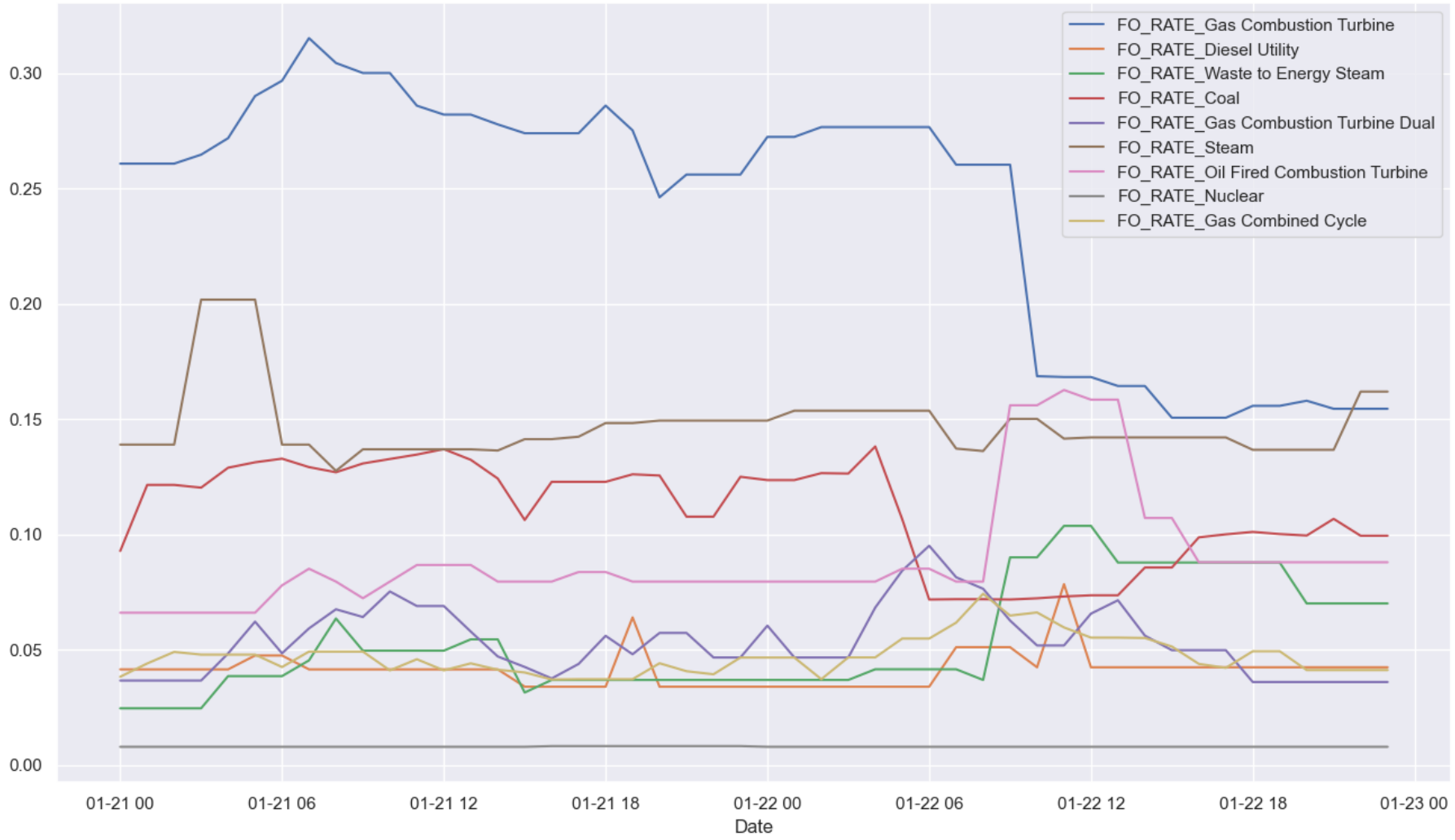
Preliminary Forced Outage Rate for Unlimited Classes on Coldest Day of 2024/2025



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Performance Data
Forced Outage Data

Data Used: June 1, 2012 through May 31, 2025 for Resources in the June 2025 Resource Mix

Average Hourly Forced Outage Rate in Bin min6

Hour Beginning	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Average FO Rate Prior to 24/25 DY	7.83%	7.86%	7.90%	8.19%	8.47%	8.84%	8.86%	9.11%	9.16%	9.06%	8.69%	8.84%	8.66%	8.73%	8.67%	8.67%	8.81%	8.93%	9.10%	9.13%	9.17%	9.12%	9.24%	9.29%
Average FO Rate of the 24/25 DY	7.17%	7.54%	7.58%	7.84%	8.23%	8.22%	7.65%	7.86%	8.25%	8.19%	7.86%	7.68%	7.43%	7.39%	7.29%	6.90%	7.04%	6.95%	6.97%	6.97%	6.88%	6.73%	6.66%	6.97%

Average Hourly Forced Outage Rate in Bin max35

Hour Beginning	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Average FO Rate Prior to 24/25 DY	7.83%	7.86%	7.90%	8.19%	8.47%	8.84%	8.86%	9.11%	9.16%	9.06%	8.69%	8.84%	8.66%	8.73%	8.67%	8.67%	8.81%	8.93%	9.10%	9.13%	9.17%	9.12%	9.24%	9.29%
Average FO Rate of the 24/25 DY	7.17%	7.54%	7.58%	7.84%	8.23%	8.22%	7.65%	7.86%	8.25%	8.19%	7.86%	7.68%	7.43%	7.39%	7.29%	6.90%	7.04%	6.95%	6.97%	6.97%	6.88%	6.73%	6.66%	6.97%

Cold Weather Highlights:

- Hourly Performance being added to the min6 bin
  - January 21, 2025
  - January 22, 2025
- In June 2025 ELCC, min6 bin was the second coldest bin post merging

Hot Weather Highlights:

- Hourly Performance being added to the max35 bin
  - July 15, 2024
  - July 16, 2024
- In June 2025 ELCC, max35 bin was the warmest bin post merging

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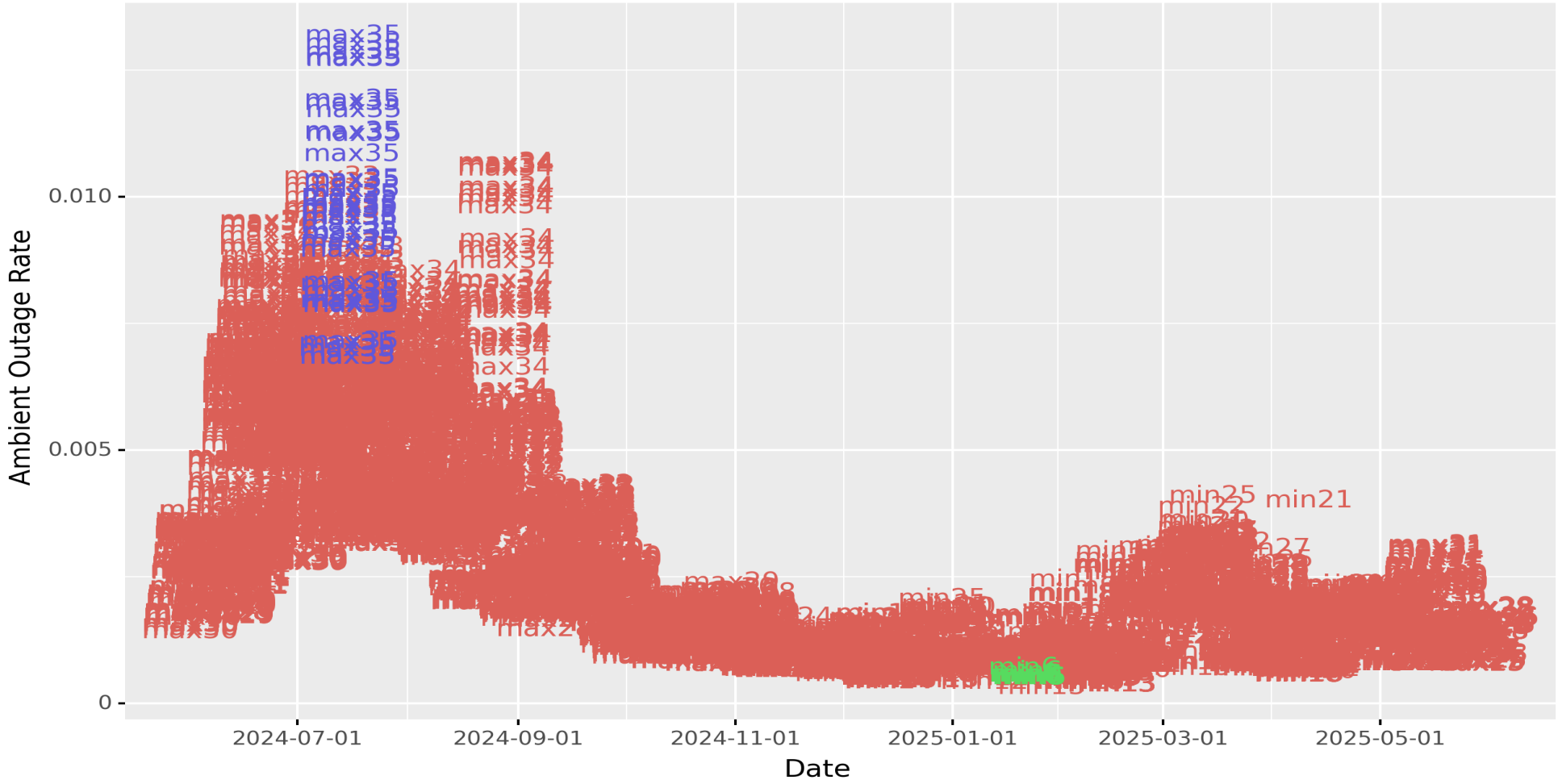
Preliminary Ambient Rates 24/25 DY: All Unlimited Resources



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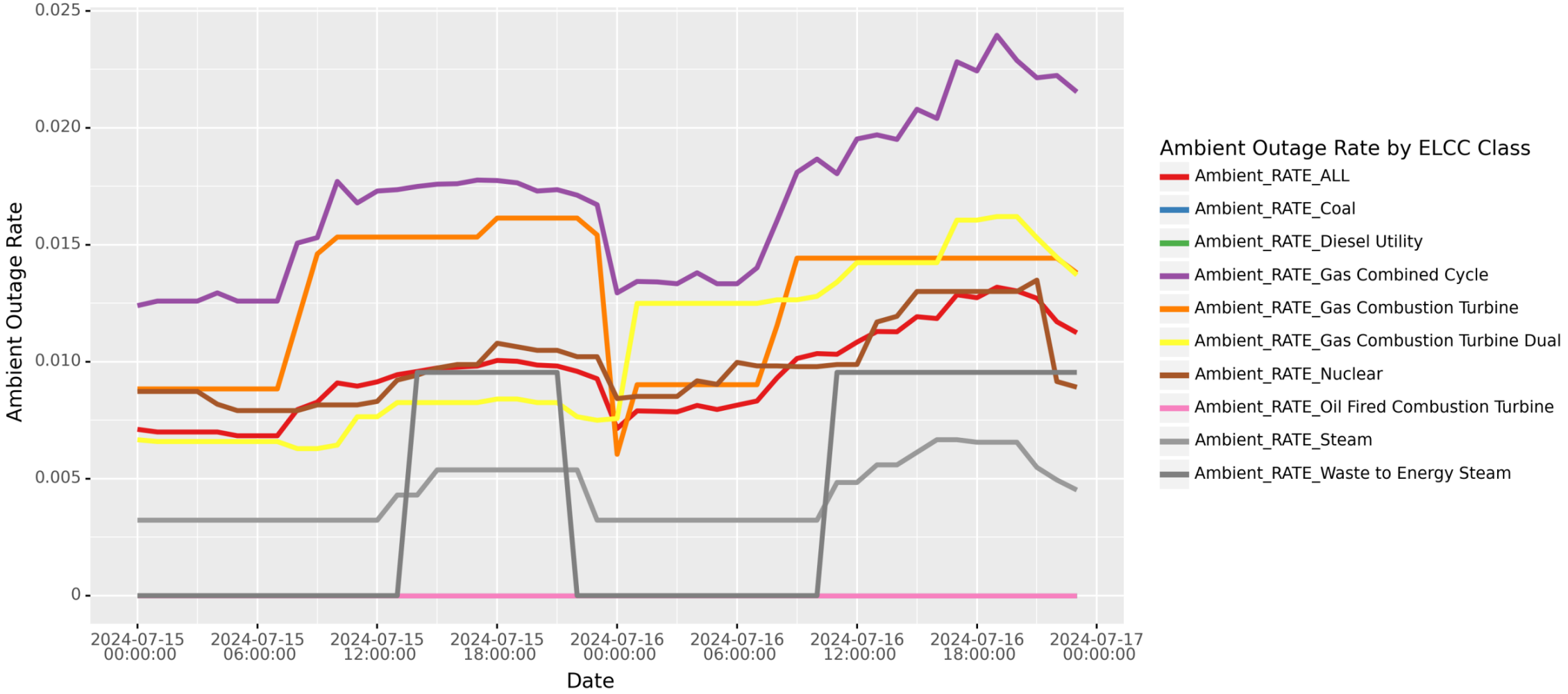
Preliminary Ambient Rates for Unlimited Classes on Warmest Day of 2024/2025



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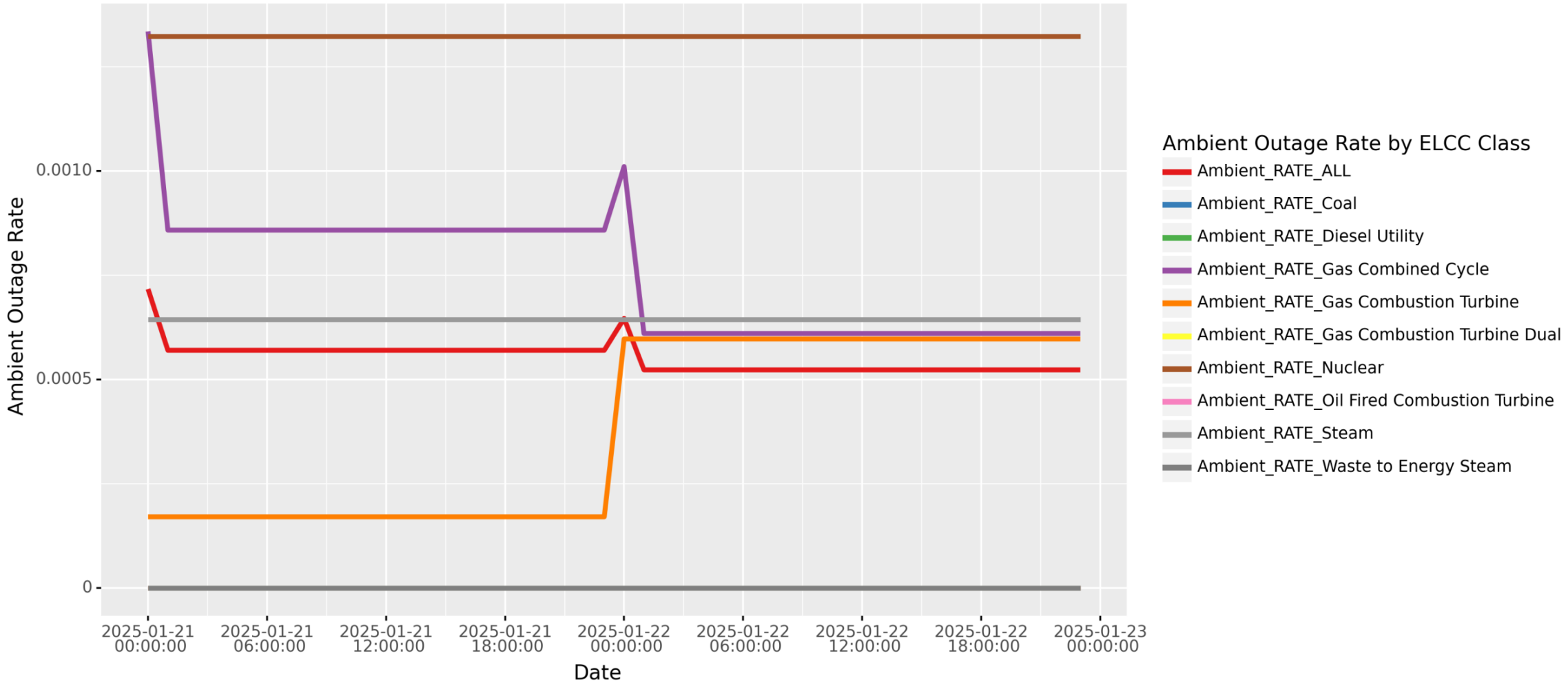
Preliminary Ambient Rates for Unlimited Classes on Coldest Day of 2024/2025



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Update on Upcoming December 2025 FPR/ELCC Run

Member Hotline

(610) 666 – 8980

(866) 400 – 8980

custsvc@pjm.com

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Report suspicious email activity to PJM.

(610) 666-2244 / it_ops_ctr_shift@pjm.com

Appendix:

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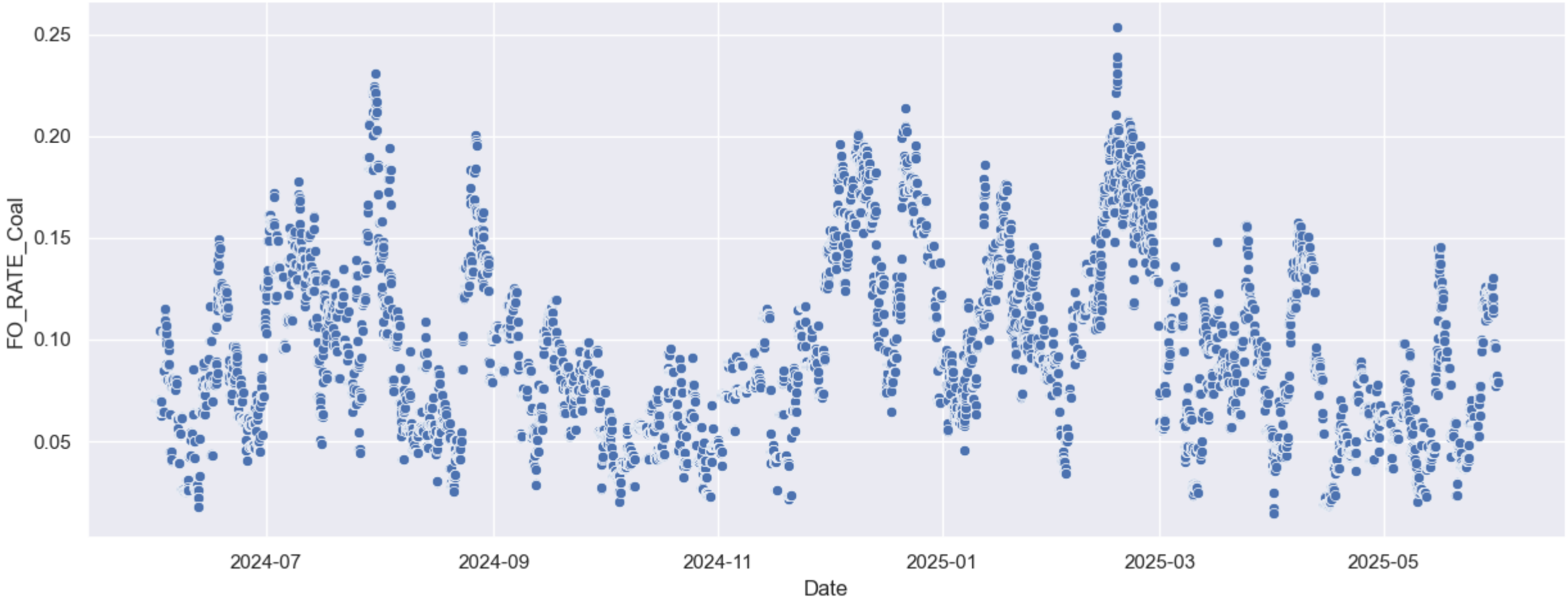
Preliminary Forced Outages 24/25 DY: Coal ELCC Class



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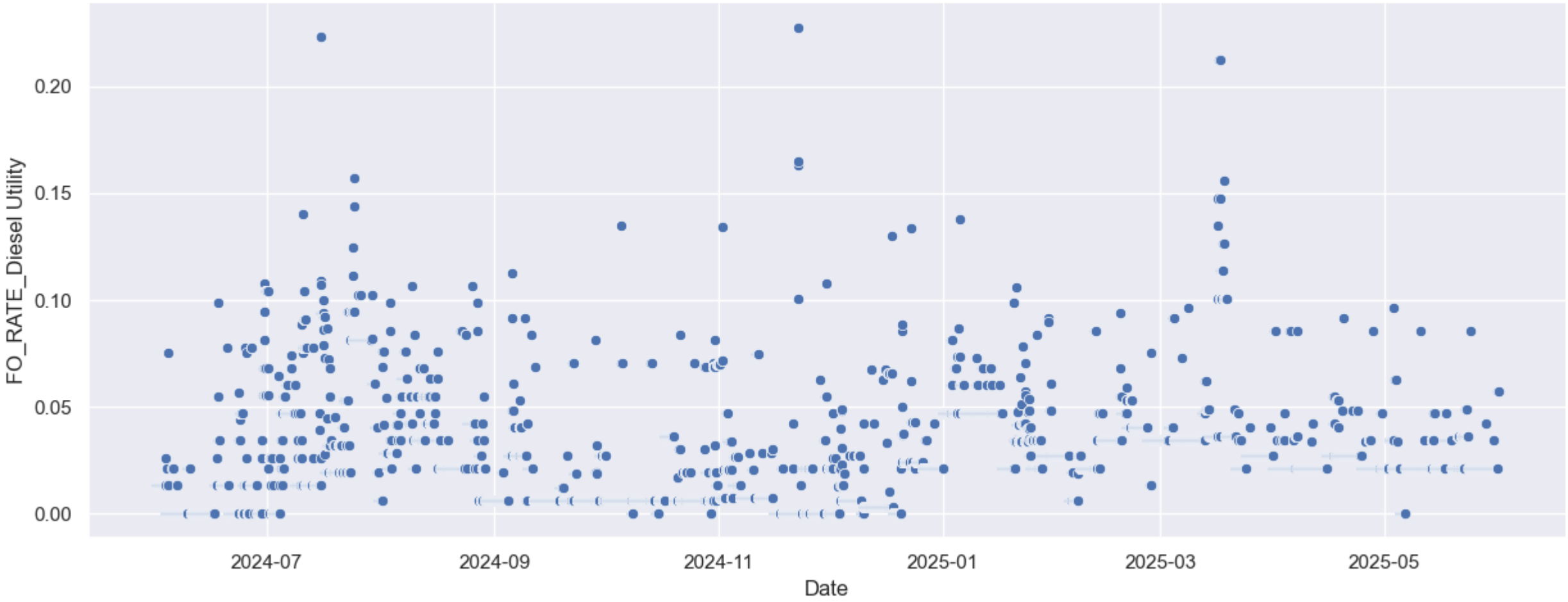
Preliminary Forced Outages 24/25 DY: Diesel Utility ELCC Class



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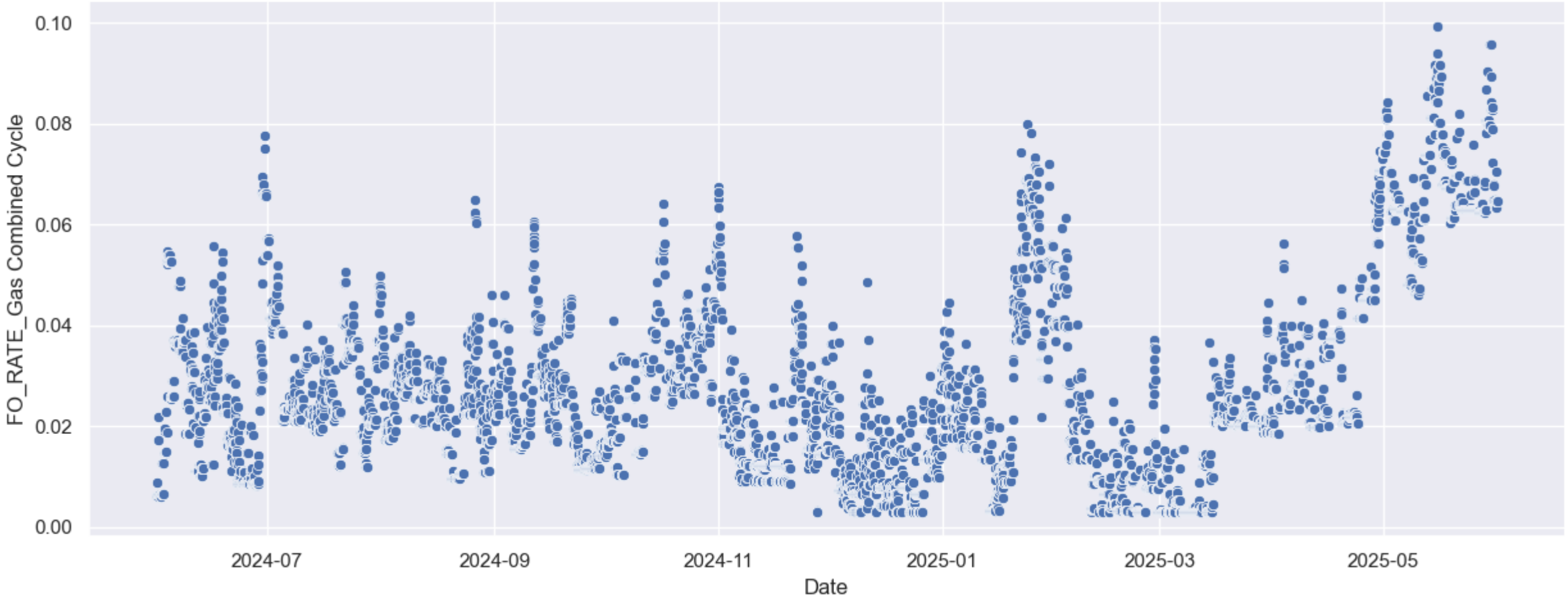
Preliminary Forced Outages 24/25 DY: Gas Combined Cycle ELCC Class



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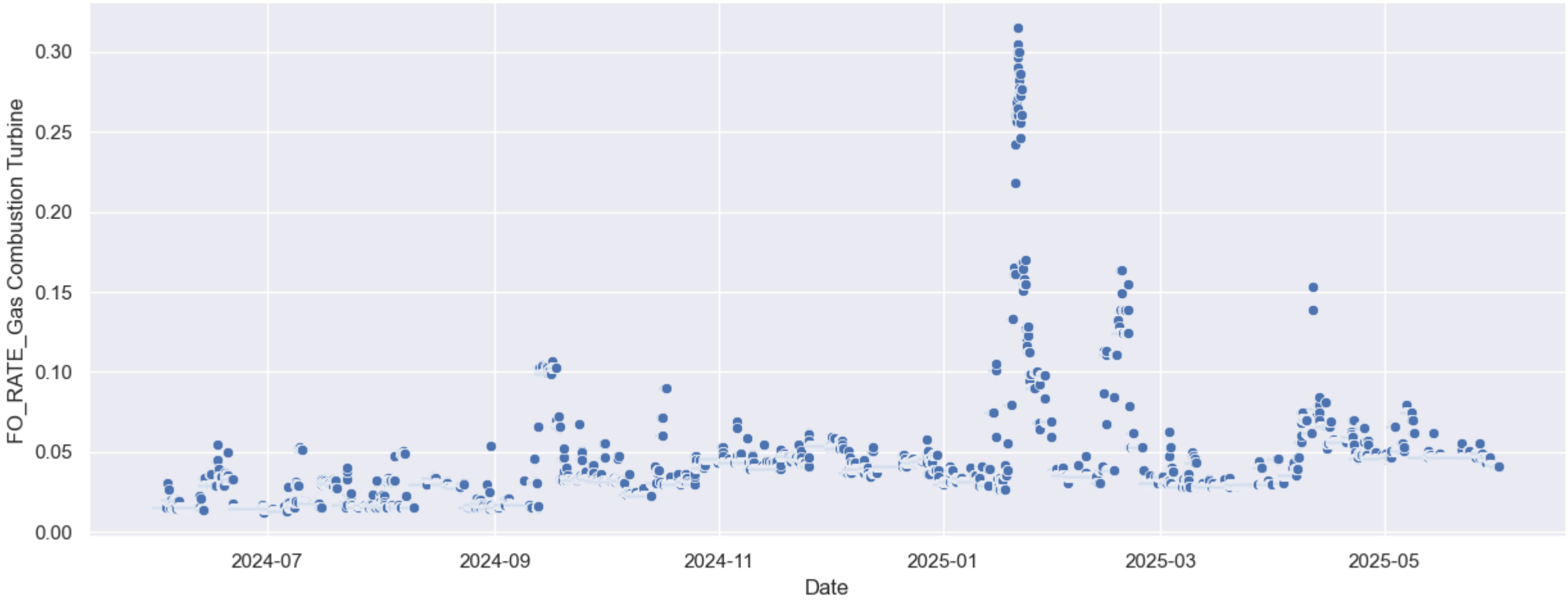
Preliminary Forced Outages 24/25 DY: Gas Combustion Turbine ELCC Class



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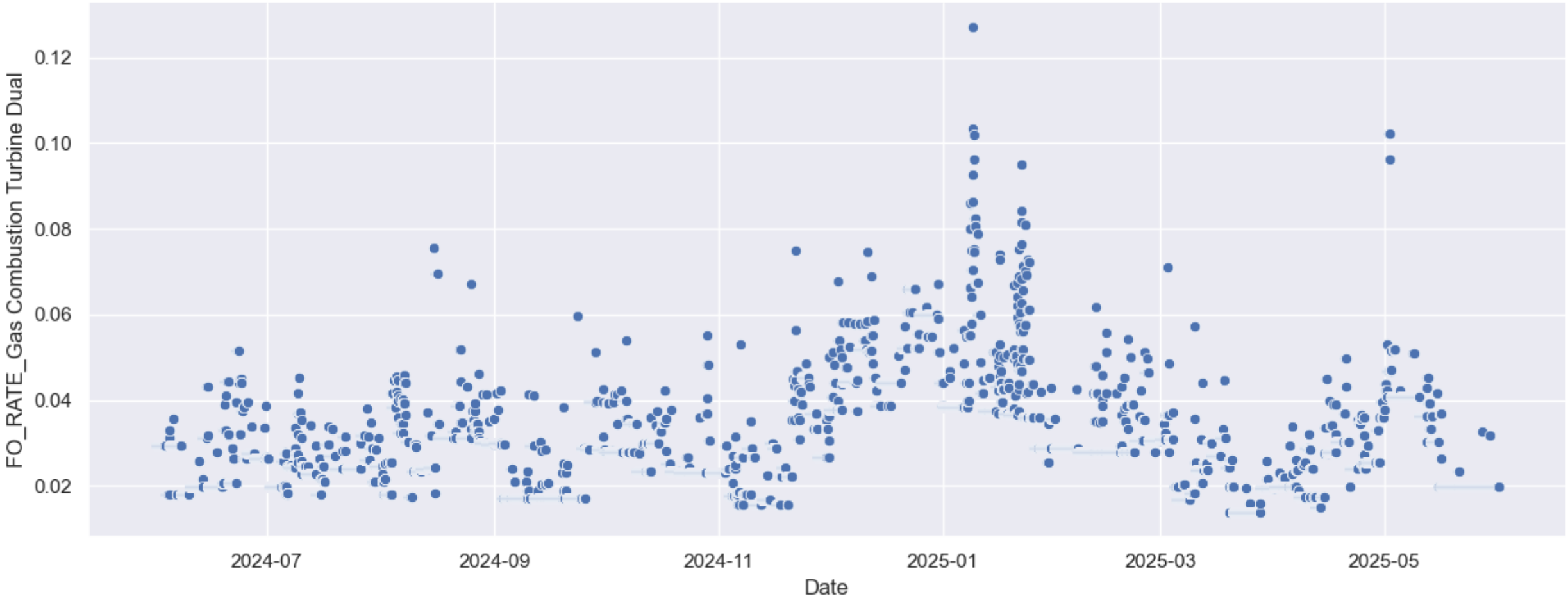
Preliminary Forced Outages 24/25 DY: Gas Combustion Turbine Dual ELCC Class



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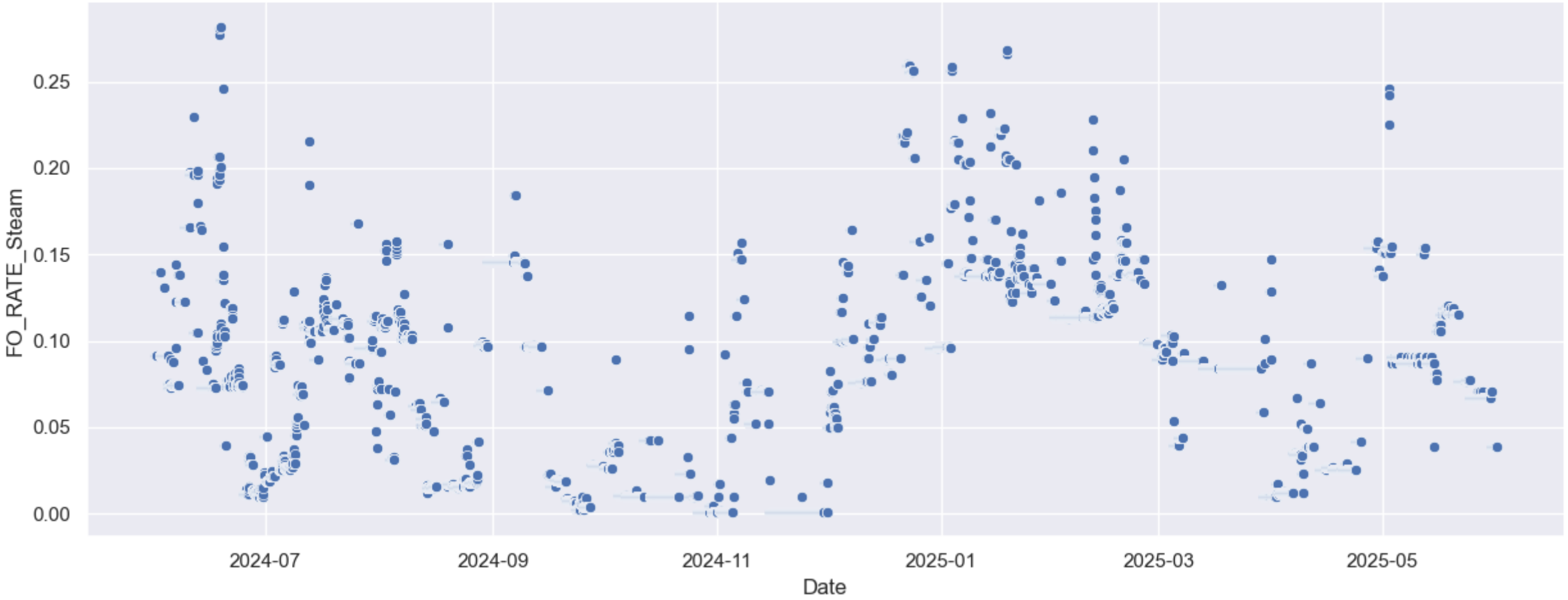
Preliminary Forced Outages 24/25 DY: Steam ELCC Class



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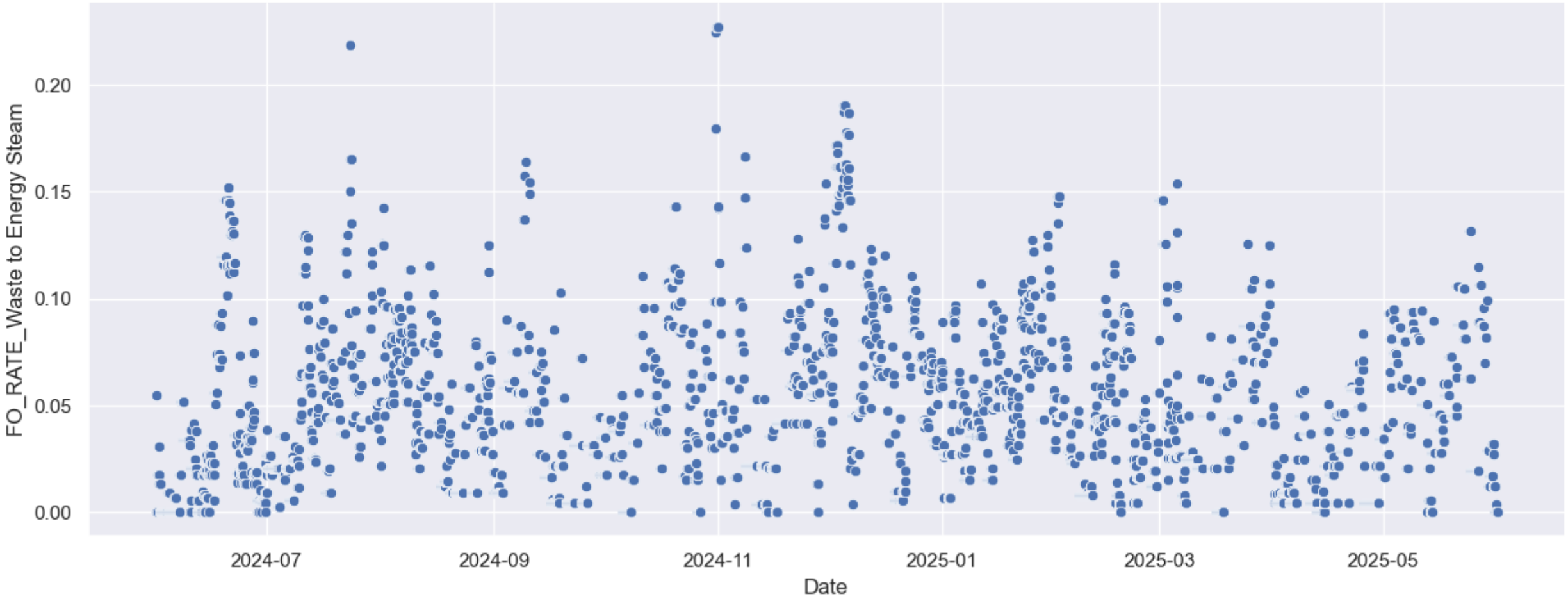
Preliminary Forced Outages 24/25 DY: Waste to Energy Steam ELCC Class



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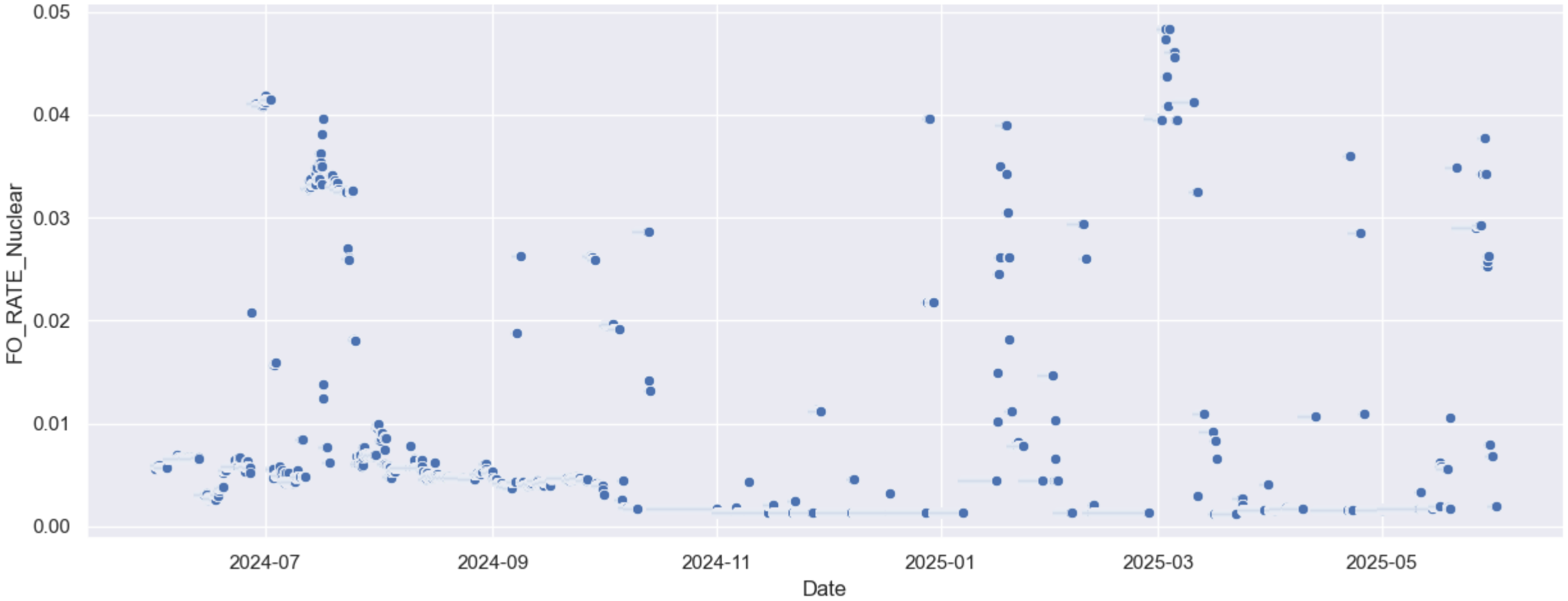
Preliminary Forced Outages 24/25 DY: Nuclear ELCC Class



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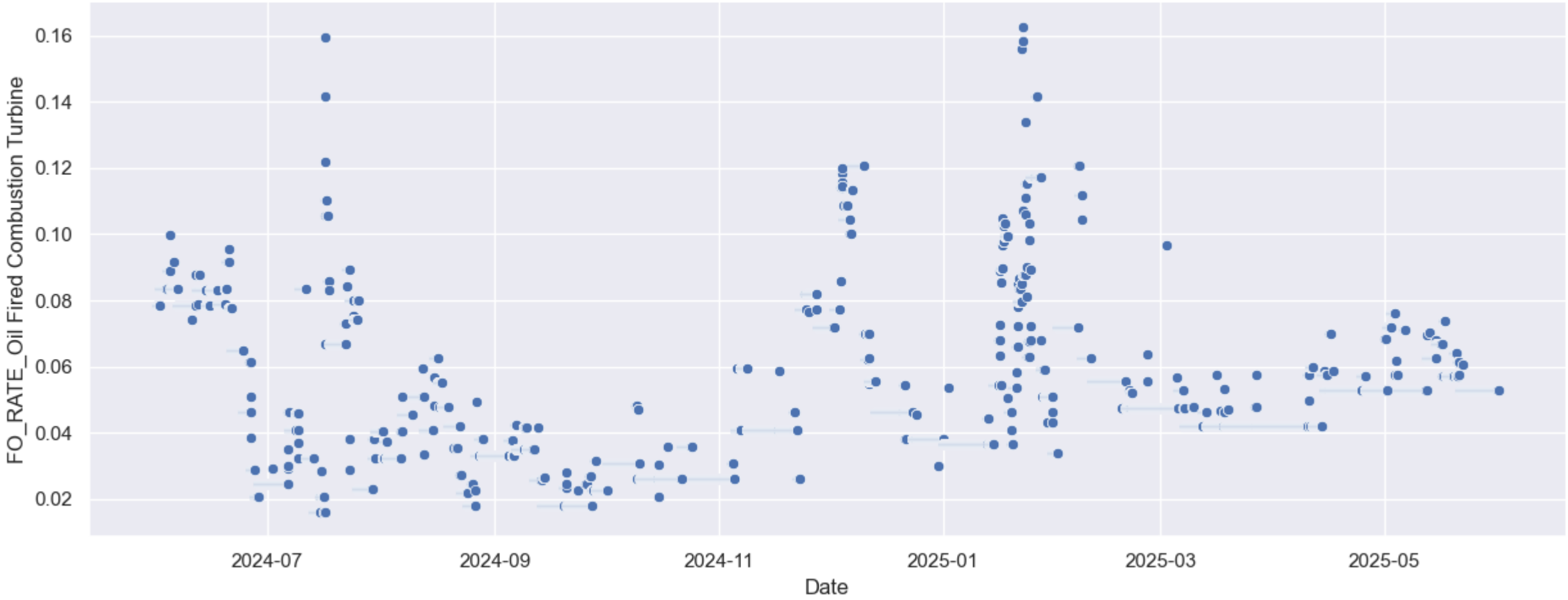
Preliminary Forced Outages 24/25 DY: Oil Fired Combustion Turbine ELCC Class



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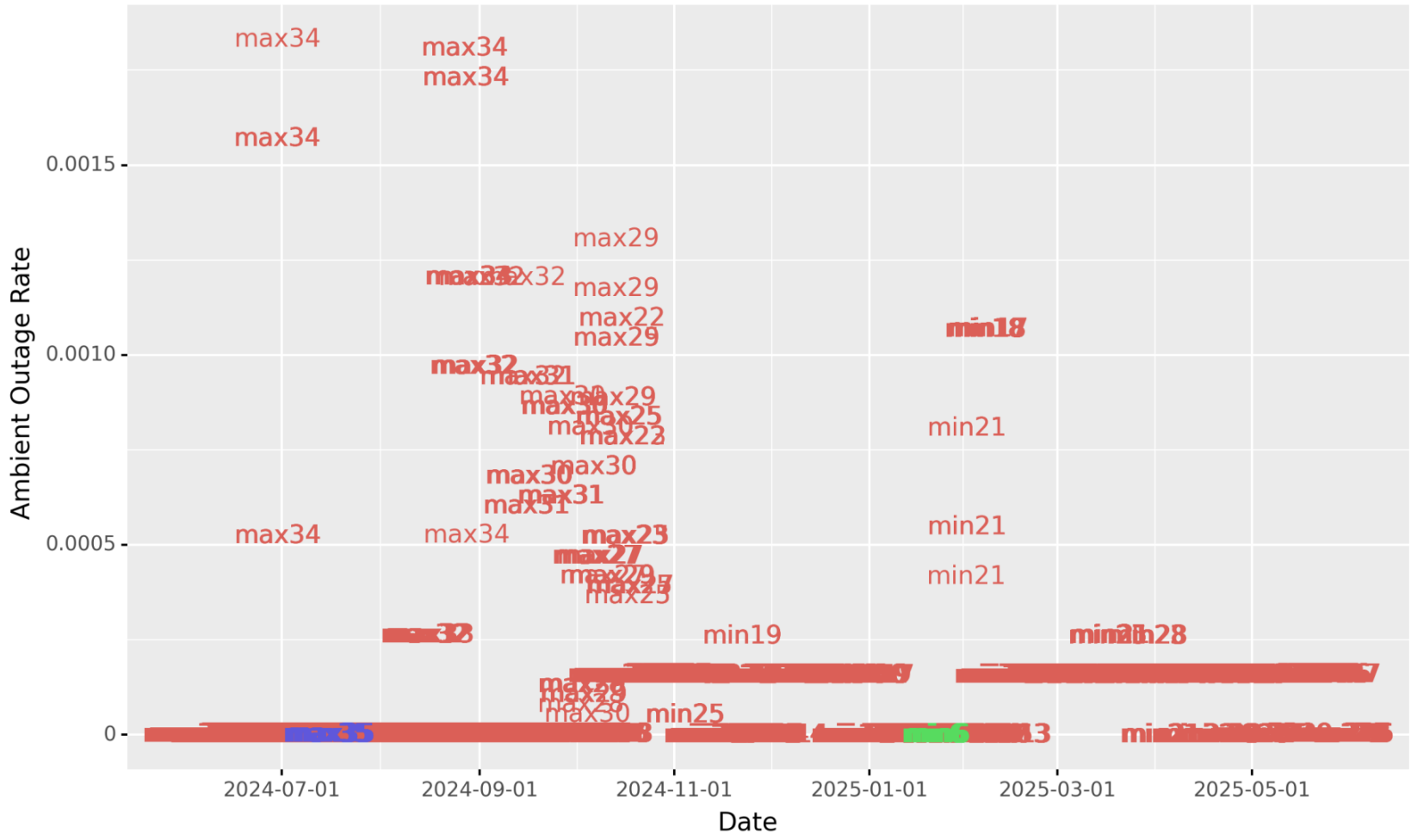
Preliminary Ambient Rate 24/25 DY: Coal ELCC Class



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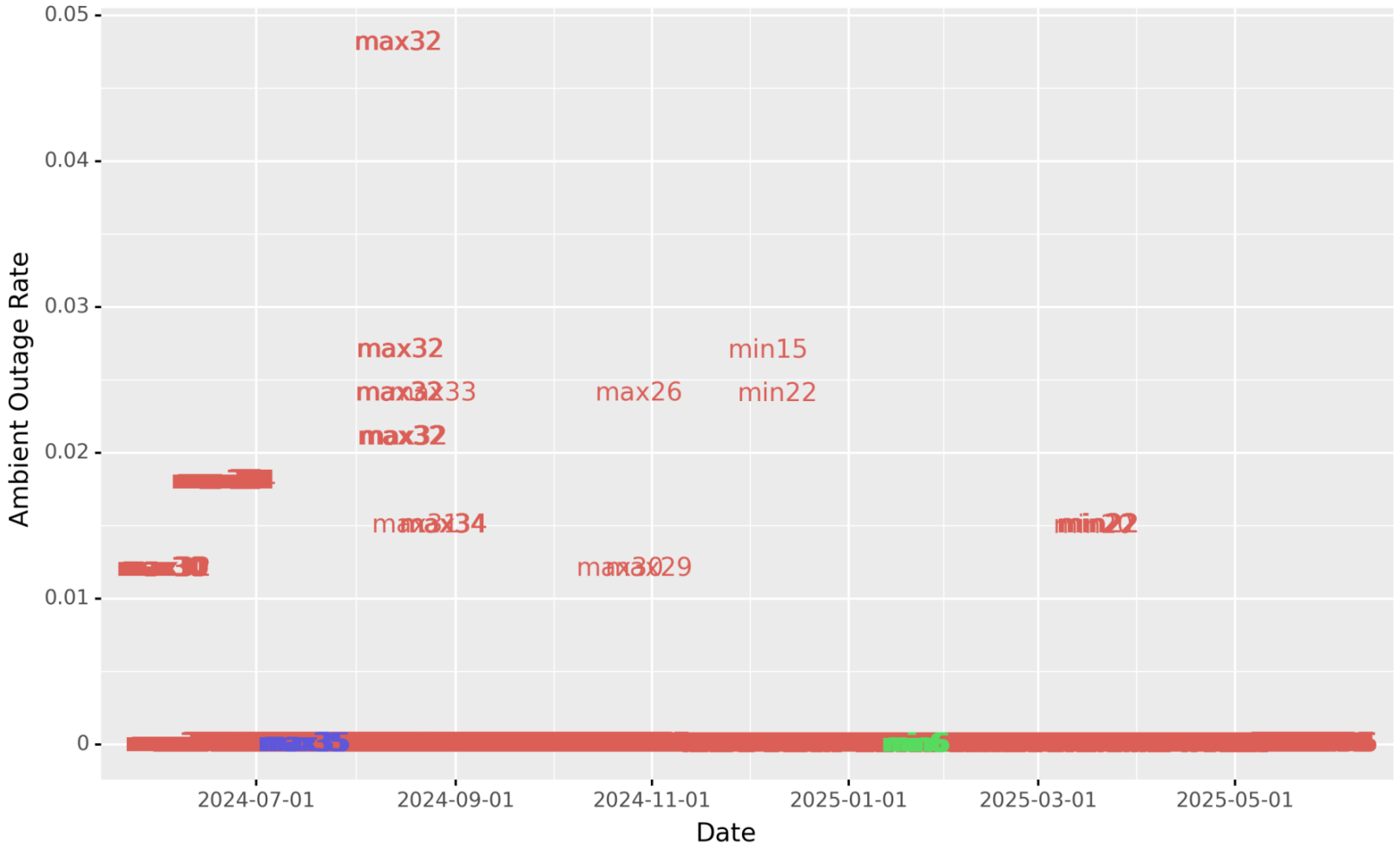
Preliminary Ambient Rate 24/25 DY: Diesel Utility ELCC Class



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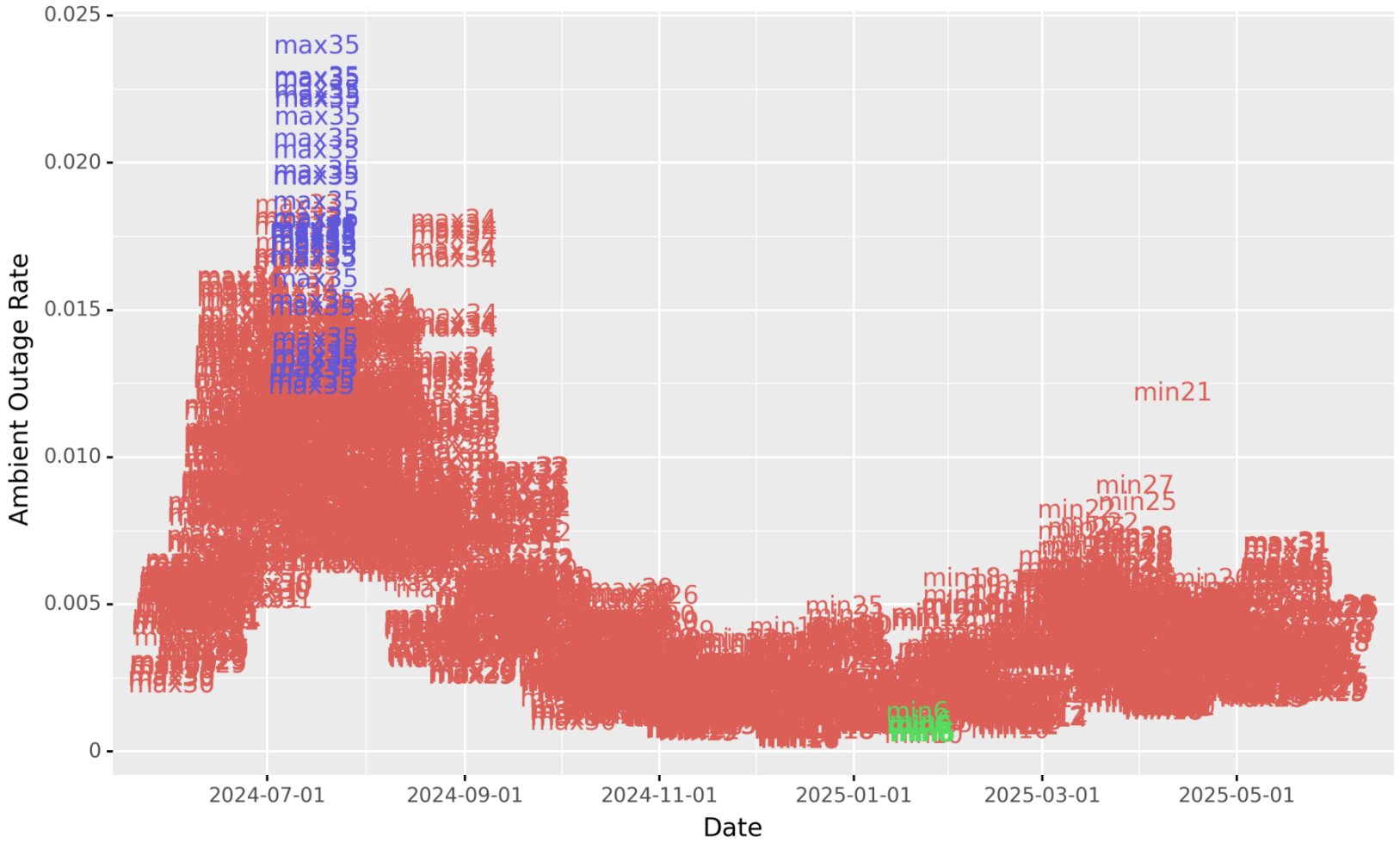
Preliminary Ambient Rate 24/25 DY: Gas Combined Cycle ELCC Class



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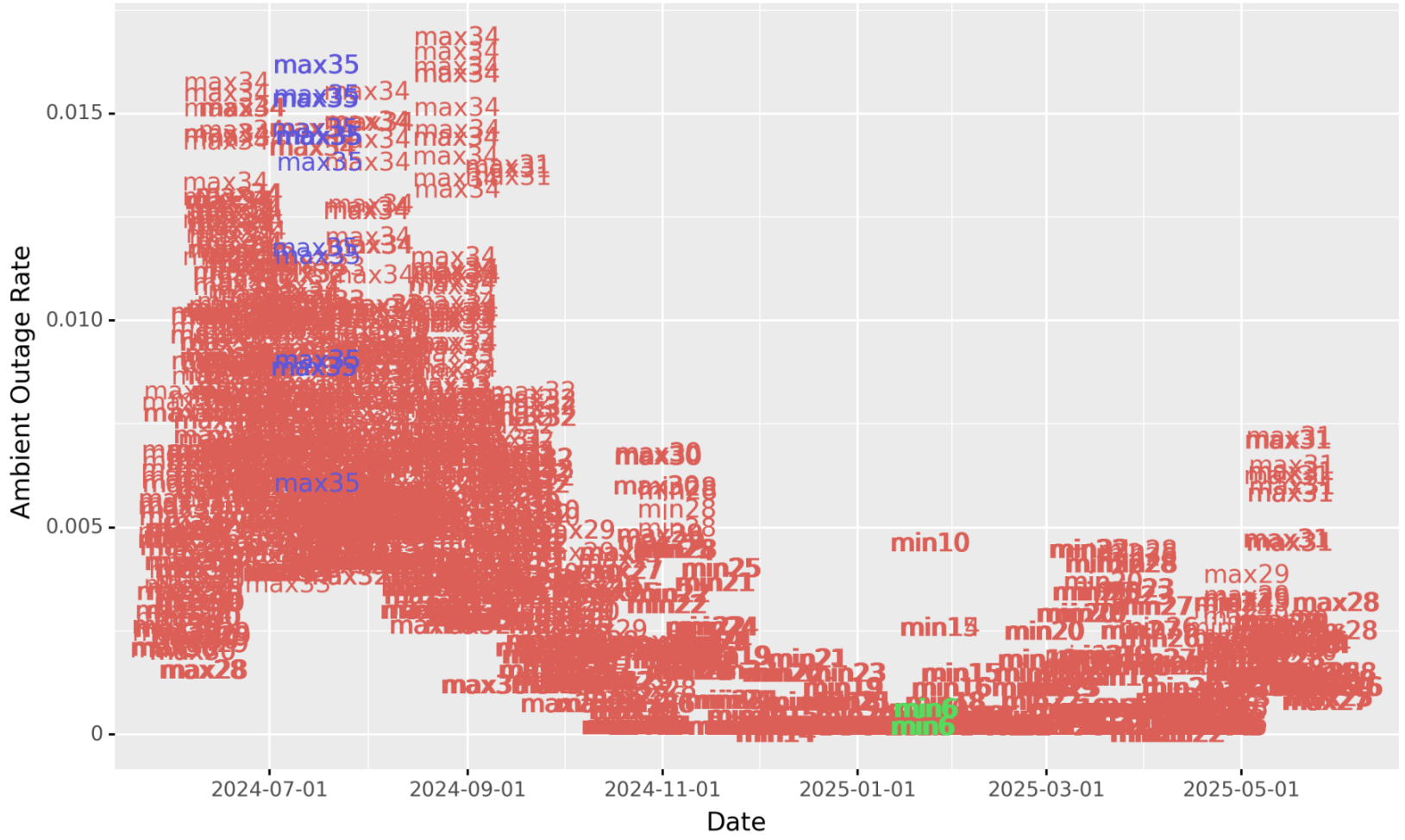
Preliminary Ambient Rate 24/25 DY: Gas Combustion Turbine ELCC Class



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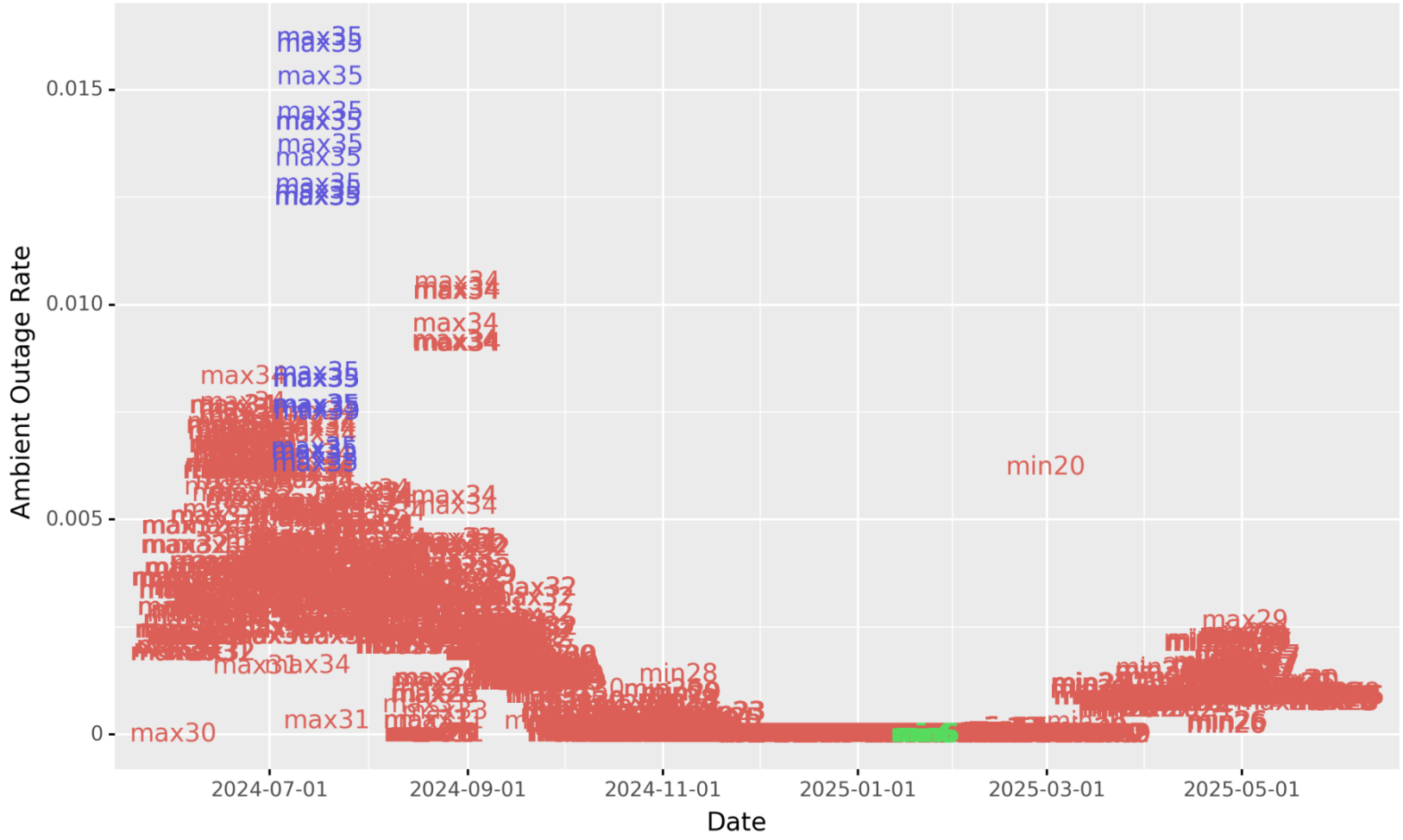
Preliminary Ambient Rate 24/25 DY: Gas Combustion Turbine Dual ELCC Class



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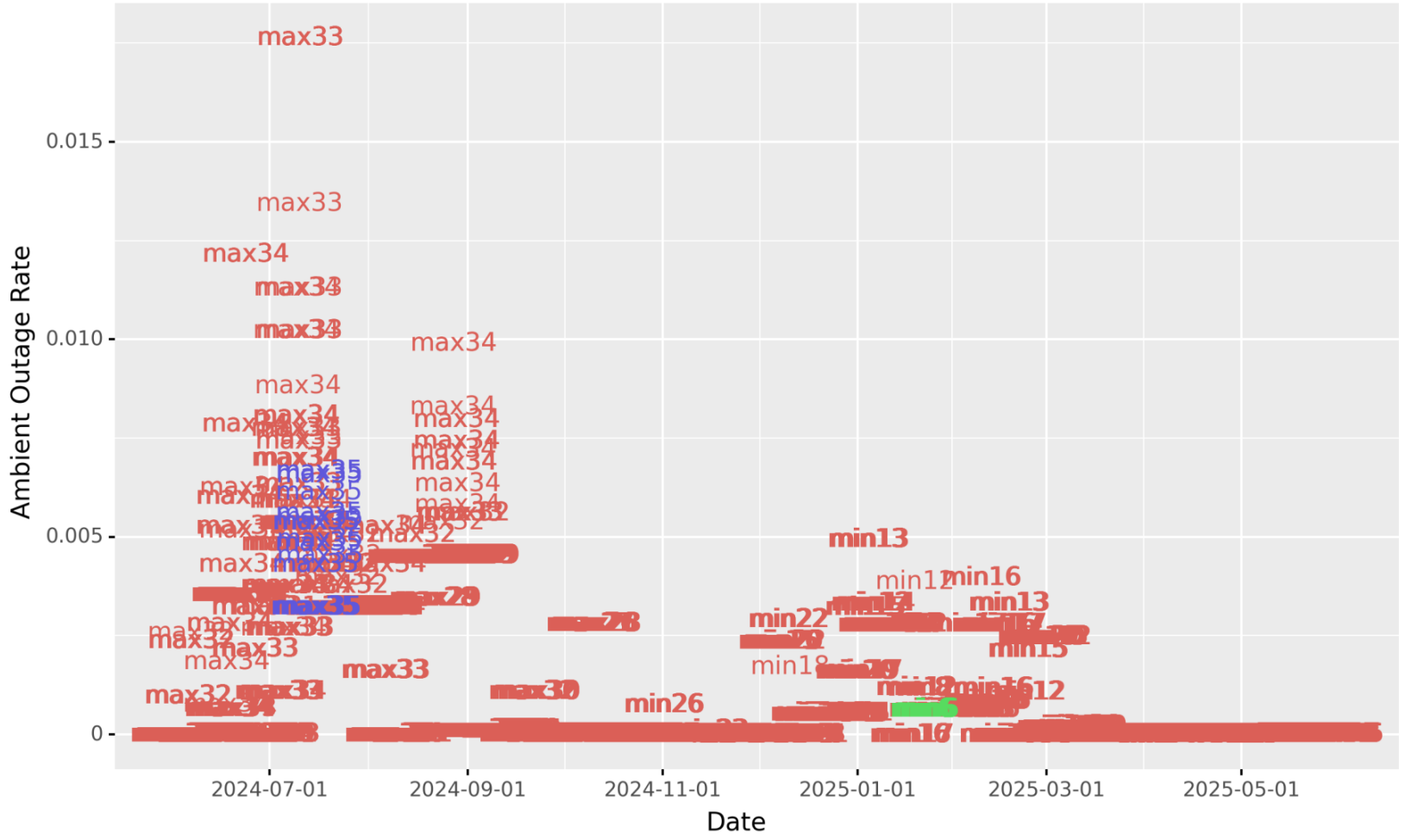
Preliminary Ambient Rate 24/25 DY: Steam ELCC Class



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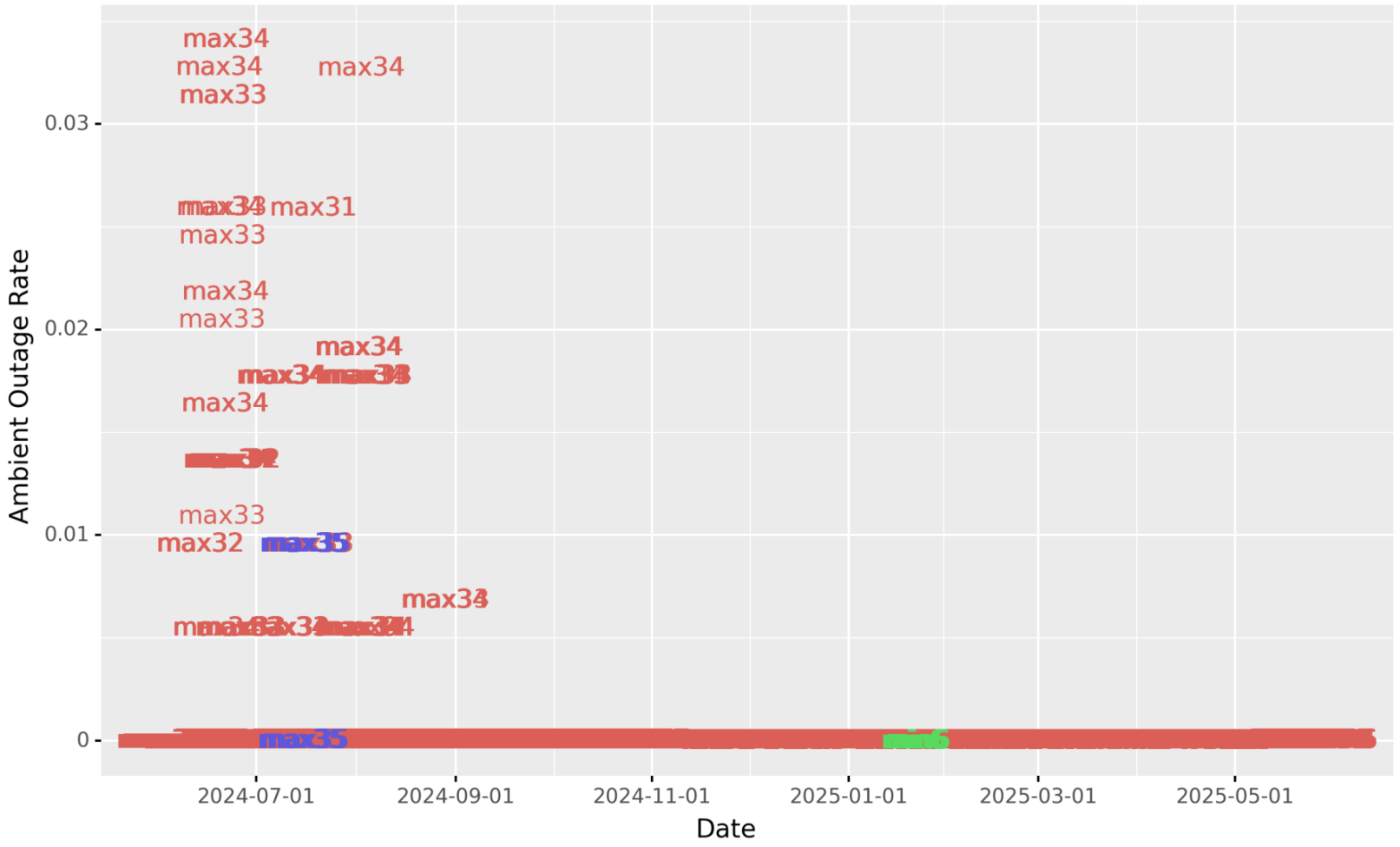
Preliminary Ambient Rate 24/25 DY: Waste to Energy Steam ELCC Class



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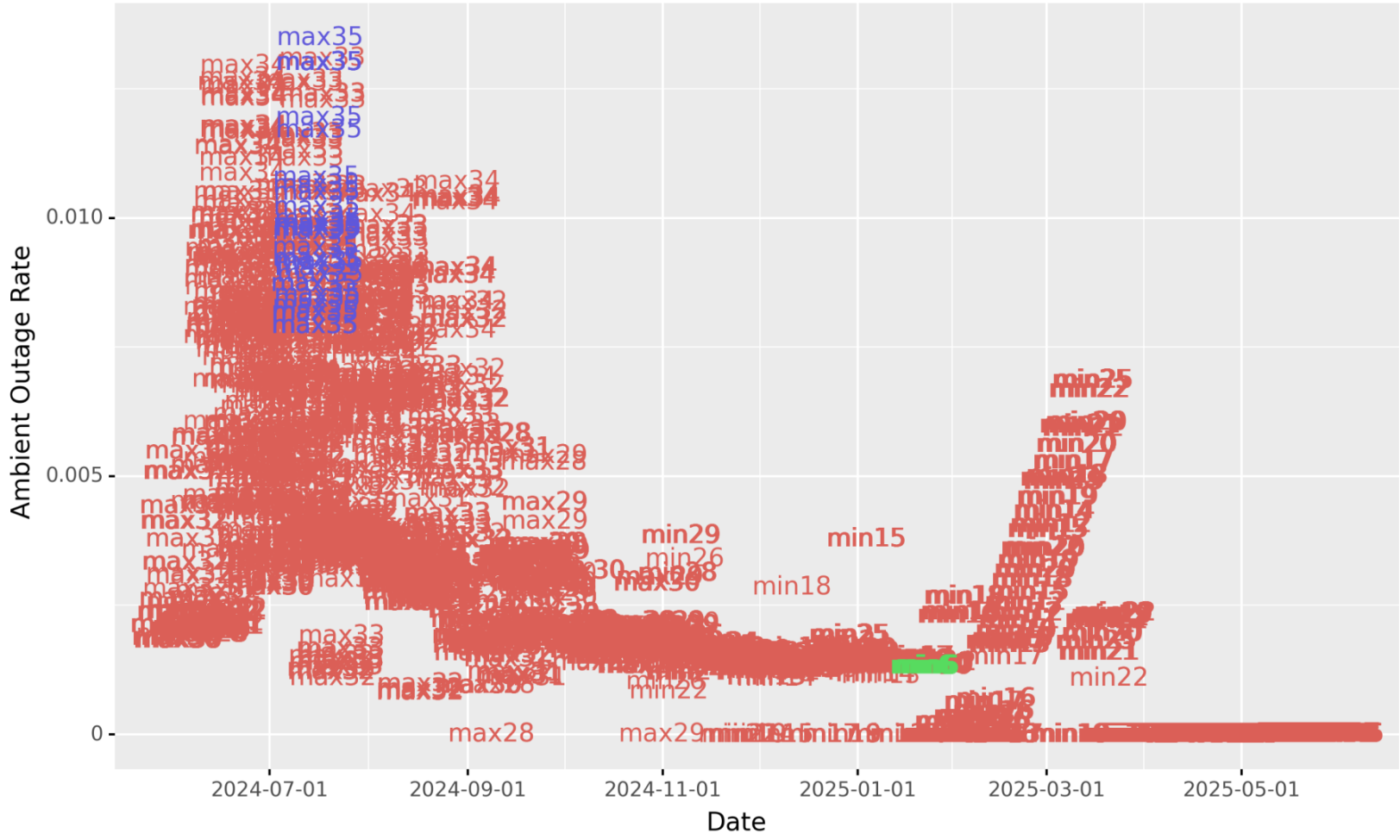
Preliminary Ambient Rate 24/25 DY: Nuclear ELCC Class



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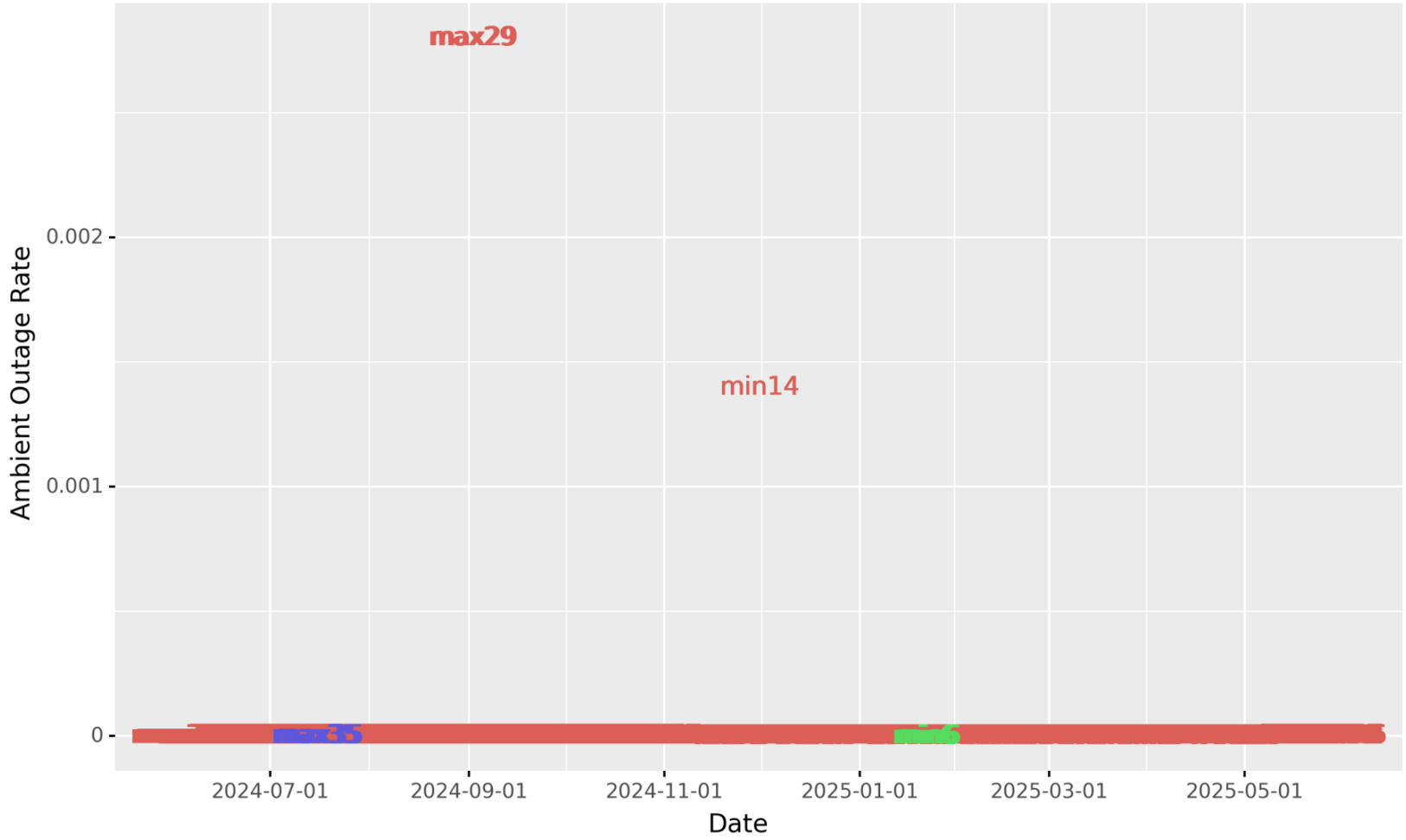
Preliminary Ambient Rate 24/25 DY: Oil Fired Combustion Turbine ELCC Class



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