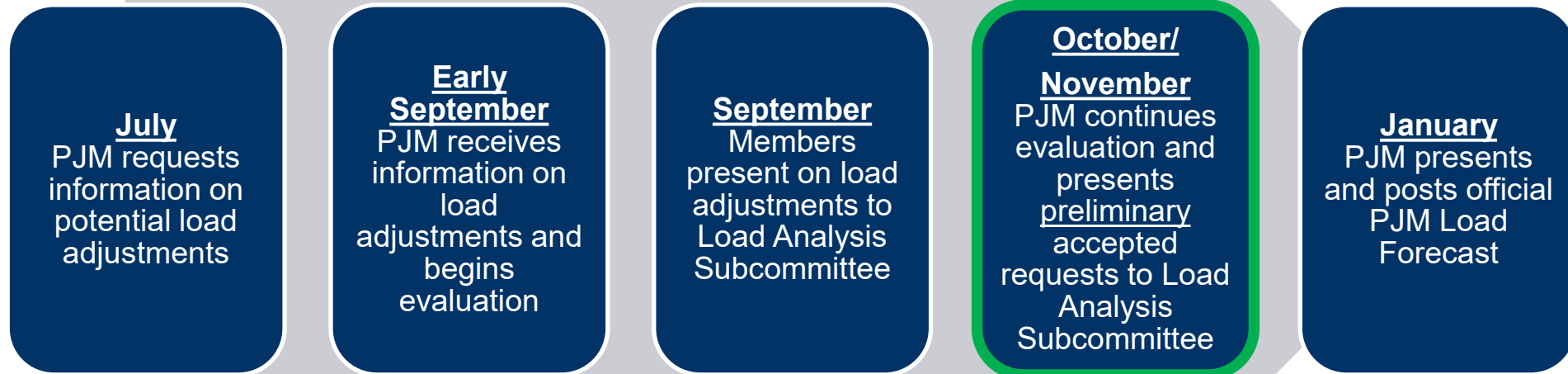


# Load Adjustment Requests Summary for 2026 Load Forecast - Preliminary

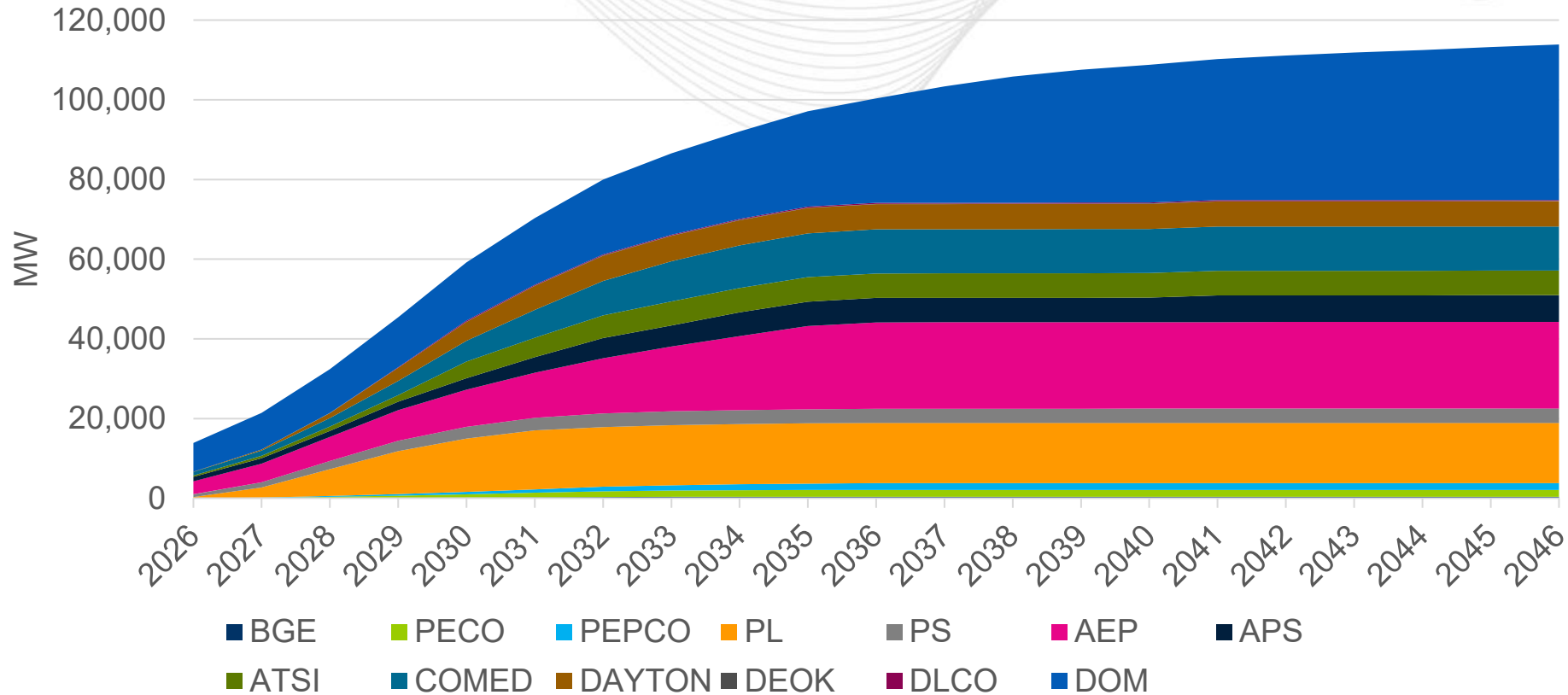
Molly Mooney  
Load Analysis Subcommittee  
November 24, 2025

Official request sent July 1



EDC/LSE presentations from the 9.16.2025 LAS meeting are here:  
<https://www.pjm.com/committees-and-groups/subcommittees/las>

# Summary of Large Load Demand Requests



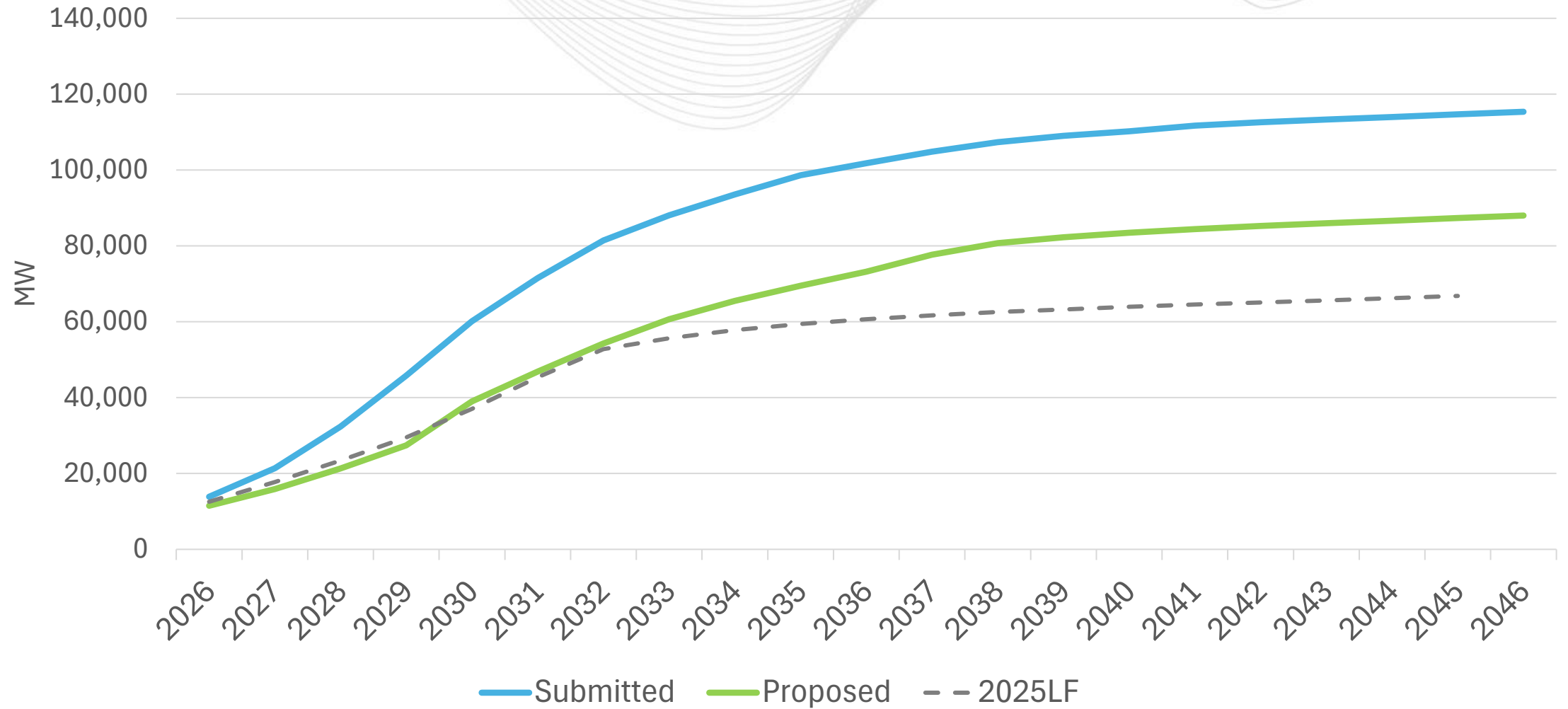
<https://www.pjm.com/-/media/DotCom/committees-groups/subcommittees/las/2025/20250916/20250916-post-meeting---informational-only---large-load-adjustment-requests.xlsx>

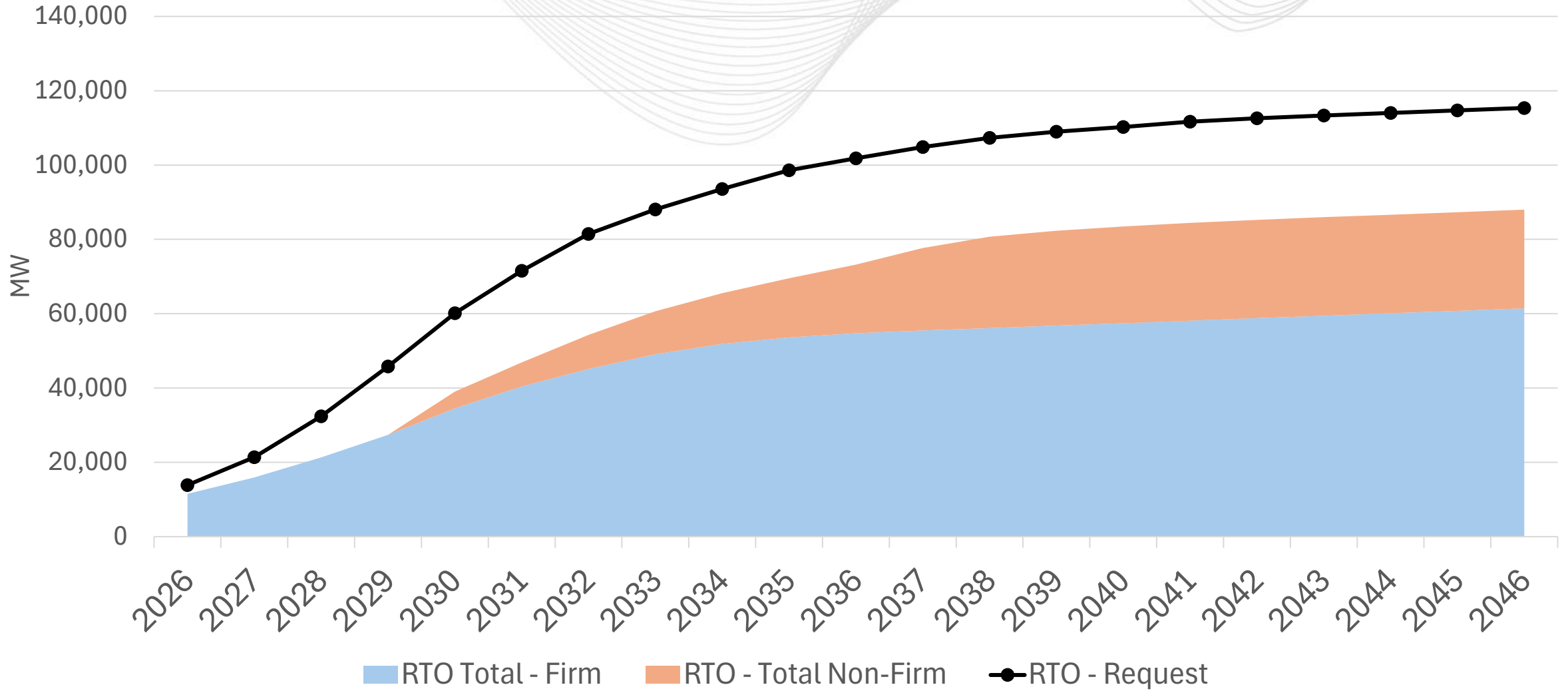
- Filtered projects
  - Worked to identify those that had ESO/CC and marked those as “Firm”. Only these projects will be allowed to impact RPM
  - All other projects were labeled “Non-Firm”
- Investigated ramp rates (how long it takes for a data center to get from online to full demand) and imposed minimum 36 month
- Investigated utilization rate (% of final capacity that is used) and imposed 70% unless otherwise supported
- Review of economic data in load forecast model to mitigate double counting load growth

- Based on available data, PJM is ~40% of data centers in 2025
- Large quantity of “Firm” indicates this share may increase.
- Did not rely on a single source. Based on data provided through load adjustment request process as well as review of public material (including [Financial Times](#), [Deloitte](#), [BCG](#), [McKinsey](#), [BNEF](#)).
- Supports PJM data center growth of up to ~30 GW between 2025 and 2030.

- Levels of “Non-Firm” were significantly beyond what could fit into a top-down framework.
  - Implementation document used to conform “Non-Firm” requests to ramp and utilization guidelines
  - “Non-Firm” was then further reduced to reflect National constraints
- Use of vendor database of existing/planned data centers to provide more information on underlying trends. This vendor data relies on public sources as well as through industry contacts.

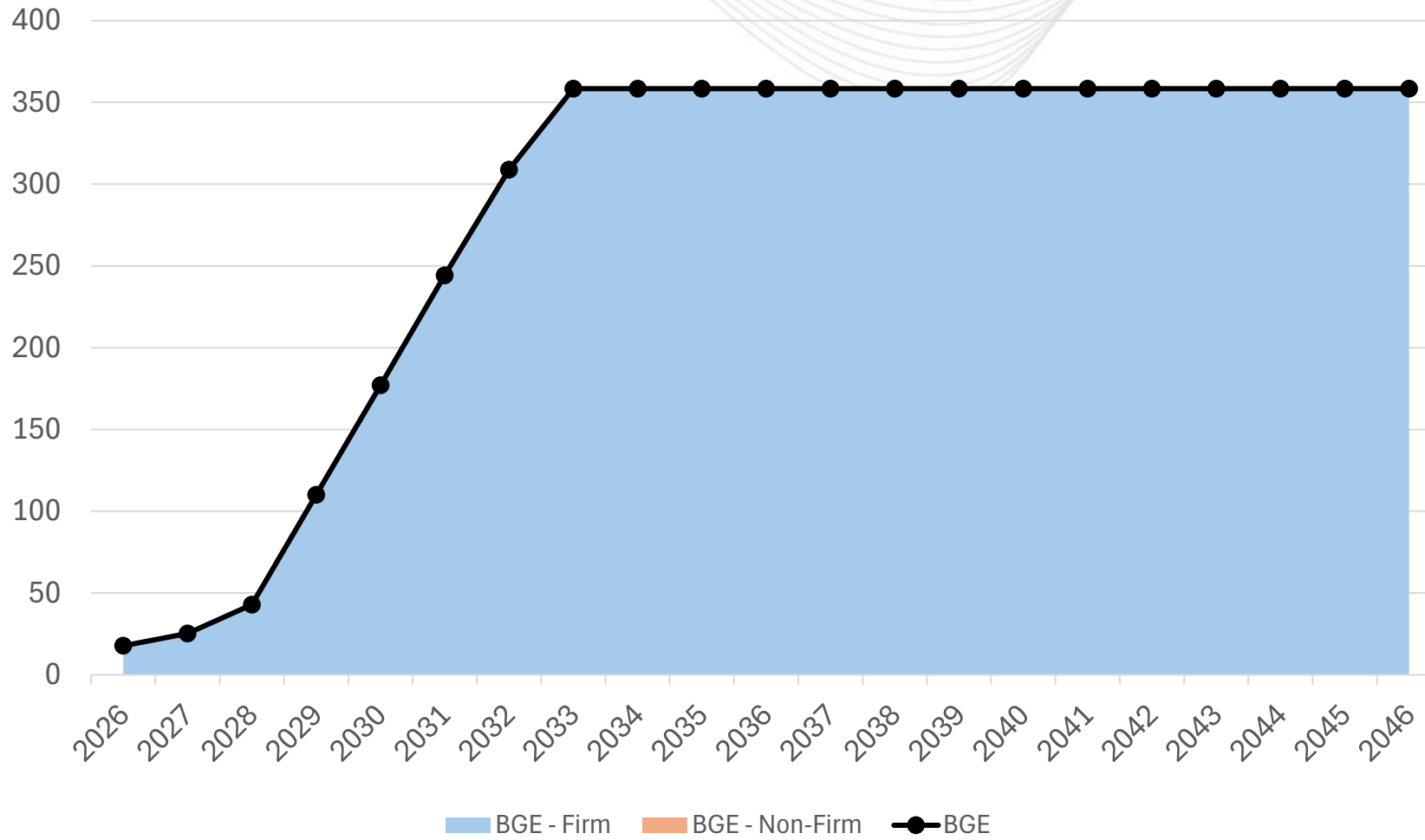
# RTO Large Load Adjustment Forecast (MW)



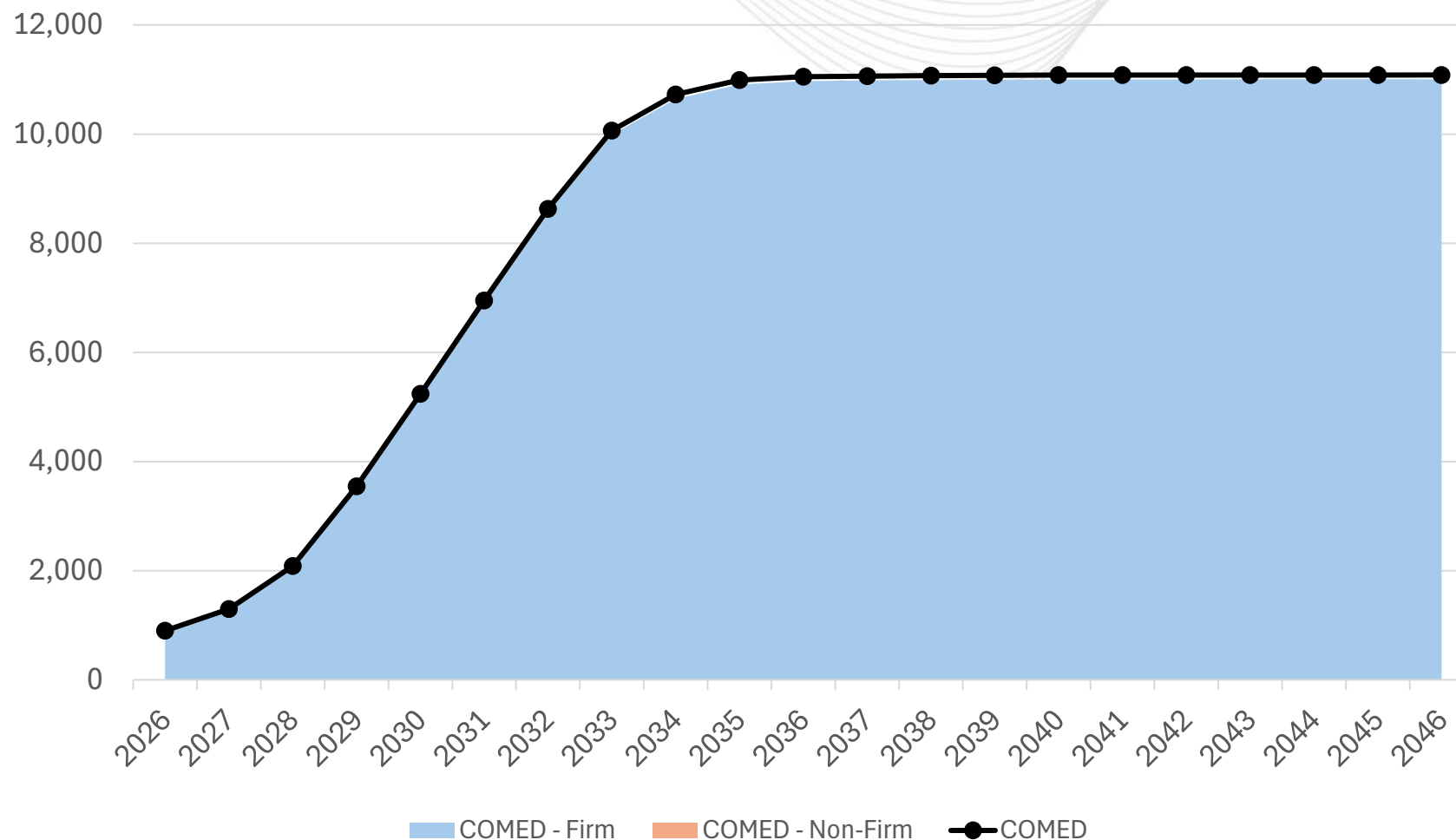




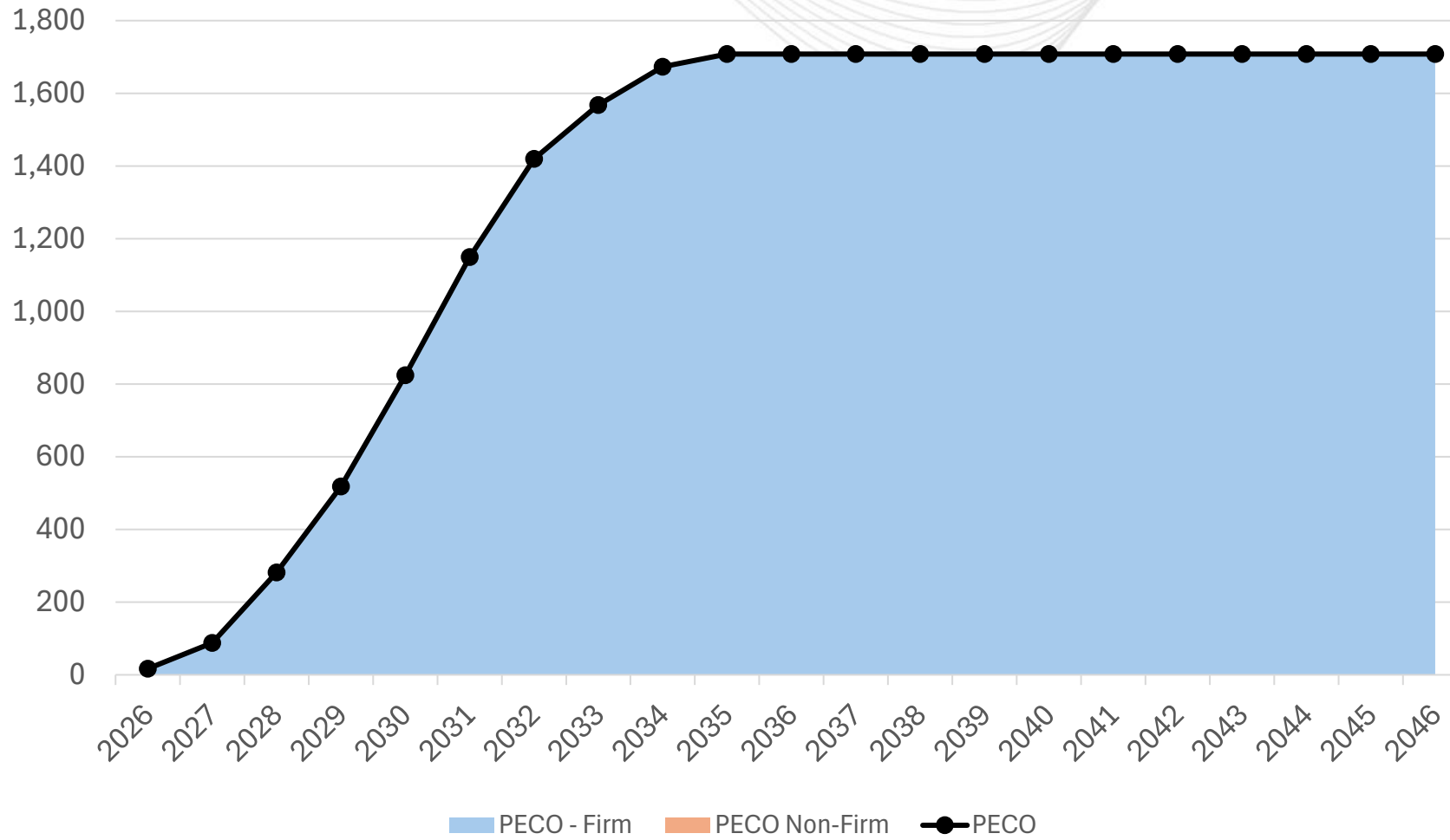
- Duke requested an adjustment for manufacturing.
- After reviewing economic data, PJM has not included as growth in the industrial economic series used in the modeling will capture this.



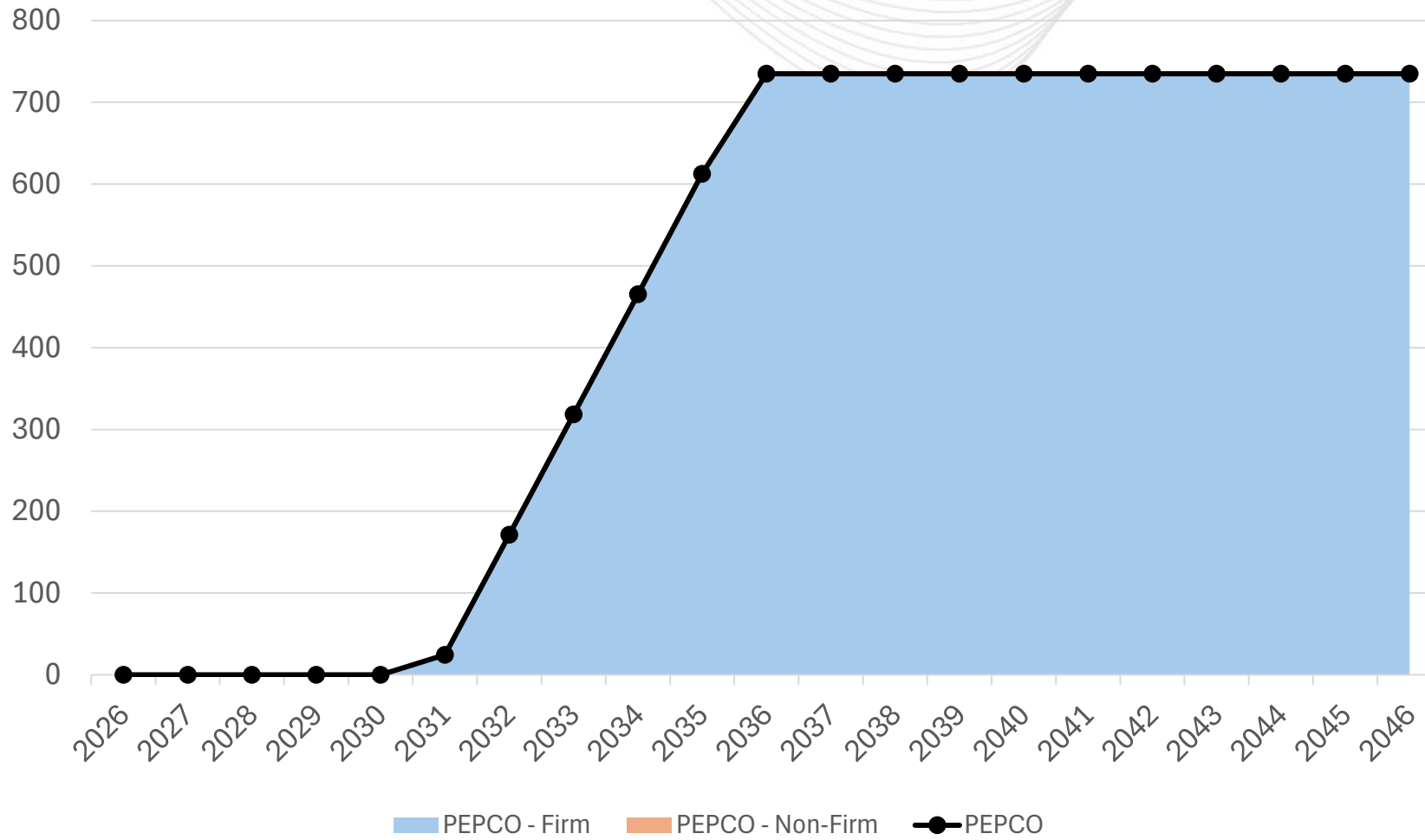
- CC and financial deposit for all submitted projects considered Firm.
- Exelon’s submission used a 70% utilization rate for each data center’s requested capacity.
- Exelon’s submission used five or eight year ramps



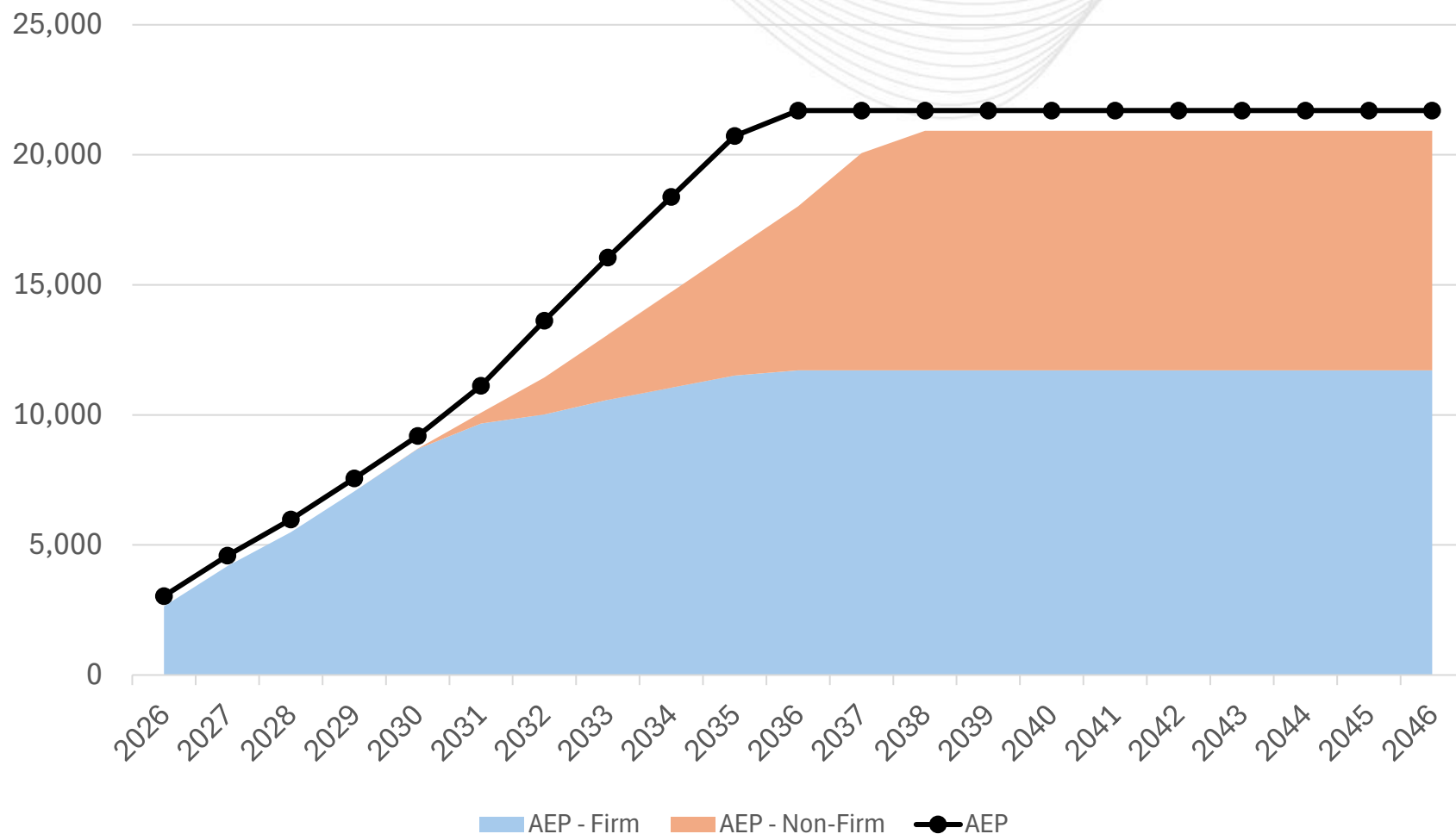
- CC and financial deposit for all submitted projects considered Firm.
- Exelon's submission used a 70% utilization rate for each data center's requested capacity.
- Exelon's submission used five or eight year ramps.
- EV battery plant is not included due to overlap with economic variables



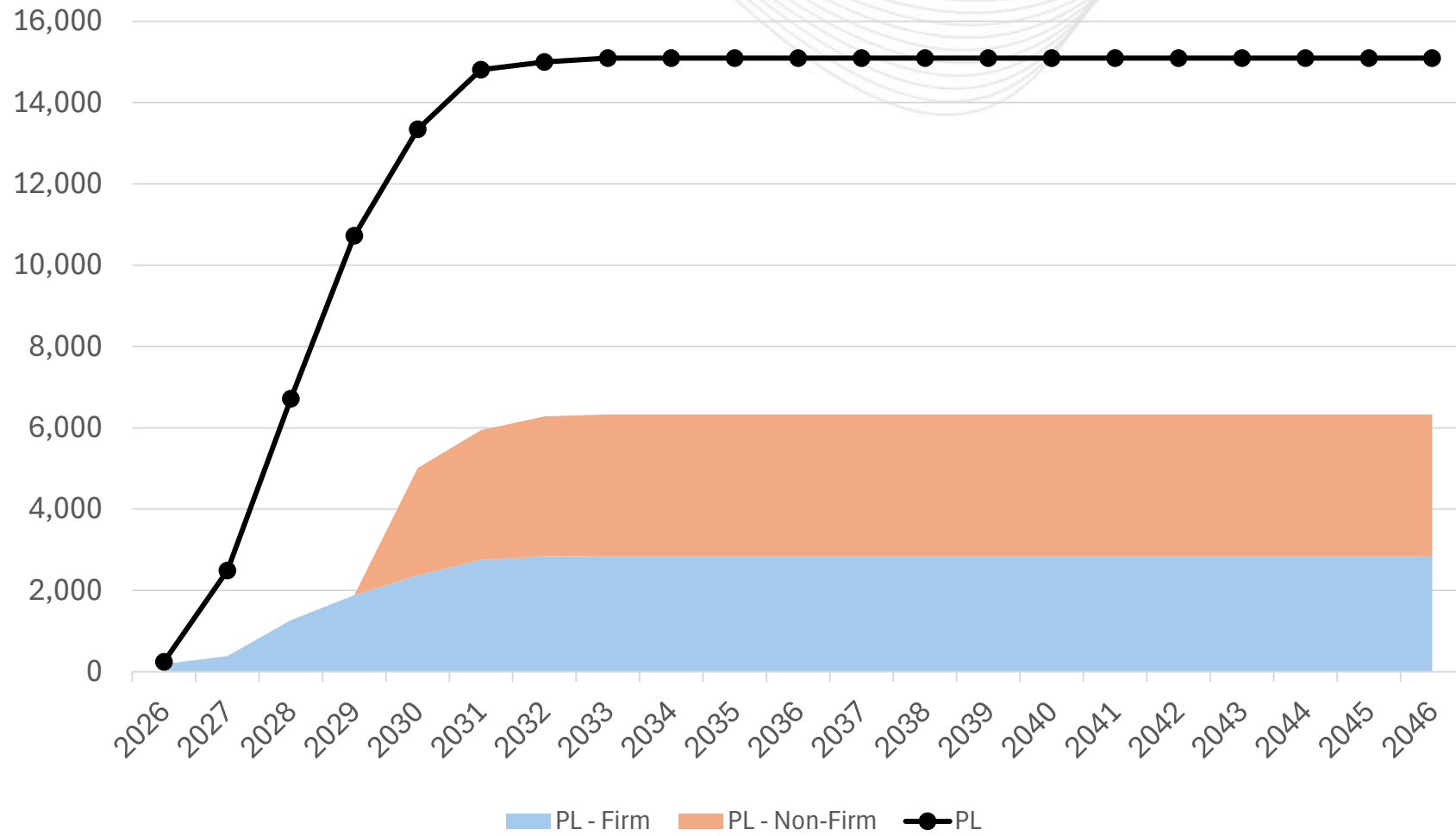
- CC and financial deposit for all submitted projects considered Firm.
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- Exelon's submission used five or eight year ramps



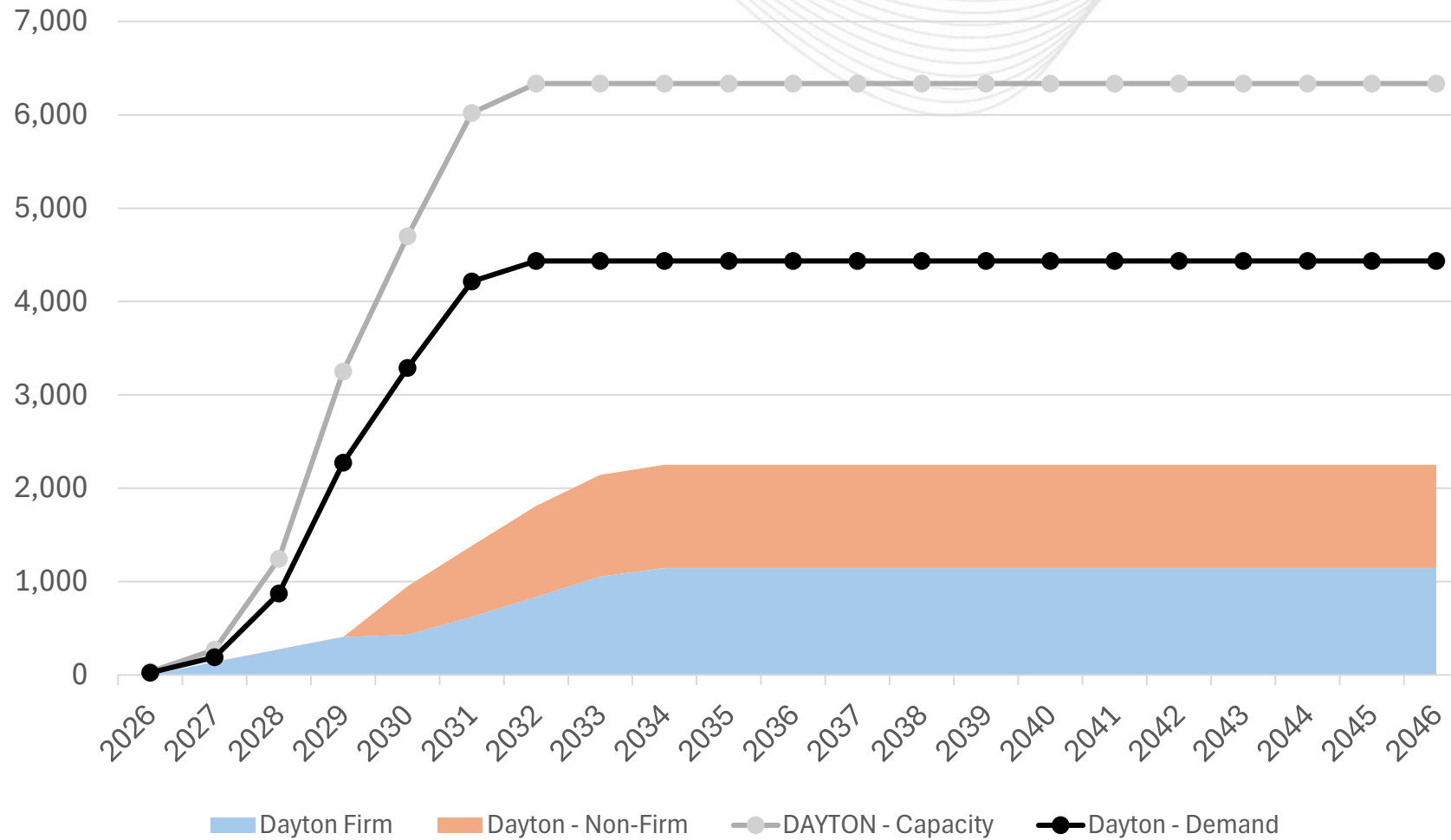
- CC and financial deposit for all submitted projects considered Firm.
- Exelon's submission used a 70% utilization rate for each data center's requested capacity.
- Exelon's submission used five or eight year ramps



- Projects with ESO/CC considered Firm.
- Projects with LOA considered Non-Firm.
- Non-Firm aggregate total is accepted as PJM found it to be de-rated by more than 50% from the volume of requests that AEP is receiving.
- Non-Firm ramp rates extended to be in line with Firm ramp rates.
- Higher utilization rate accepted given historical data provided.
- Industrial projects are not included due to overlap with economic variables

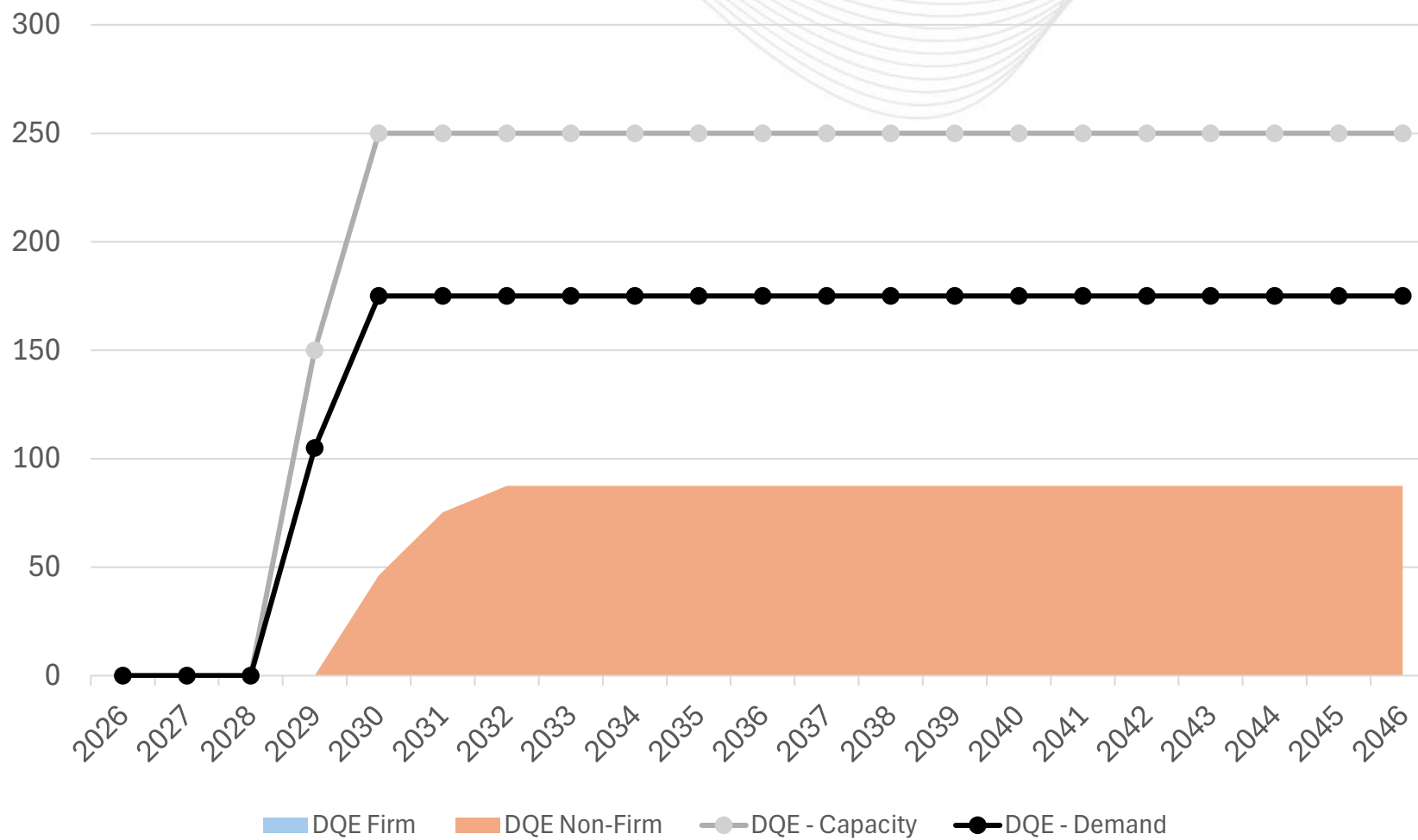


- Projects with ESA considered Firm.
- Projects with LOA considered Non-Firm.
- Used 70% utilization rate for each data center's requested capacity.
- At least 3 year ramps applied.
- Non-Firm prior to 2030 equal to zero and 2030+ applied 50% and national average scaling

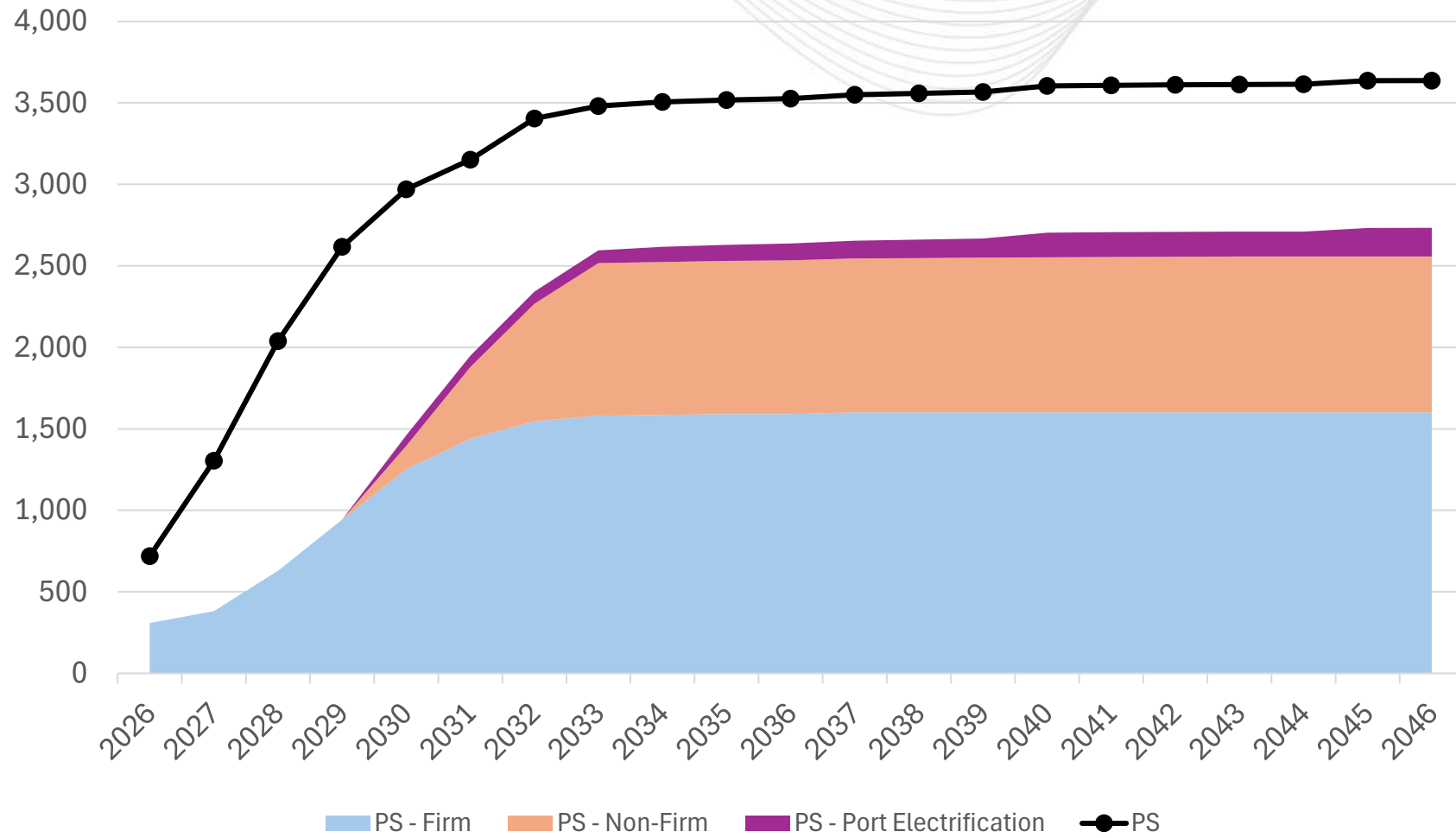


- Projects with ESO considered Firm.
- Projects with Other Agreements considered Non-Firm.
- Used 70% utilization rate for each data center's requested capacity.
- At least 3 year ramps applied.
- Non-Firm prior to 2030 equal to zero and 2030+ applied 50% and national average scaling

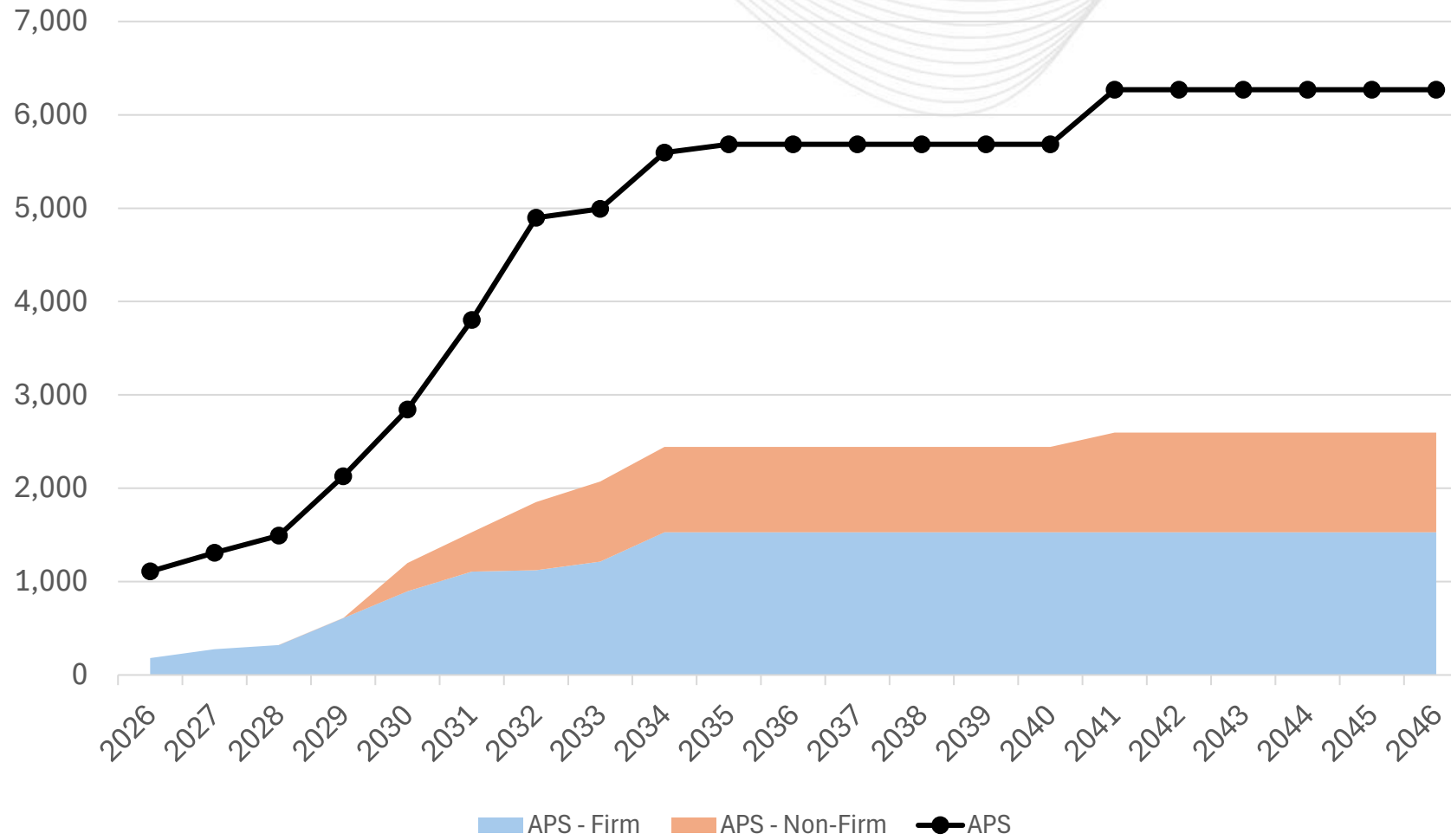




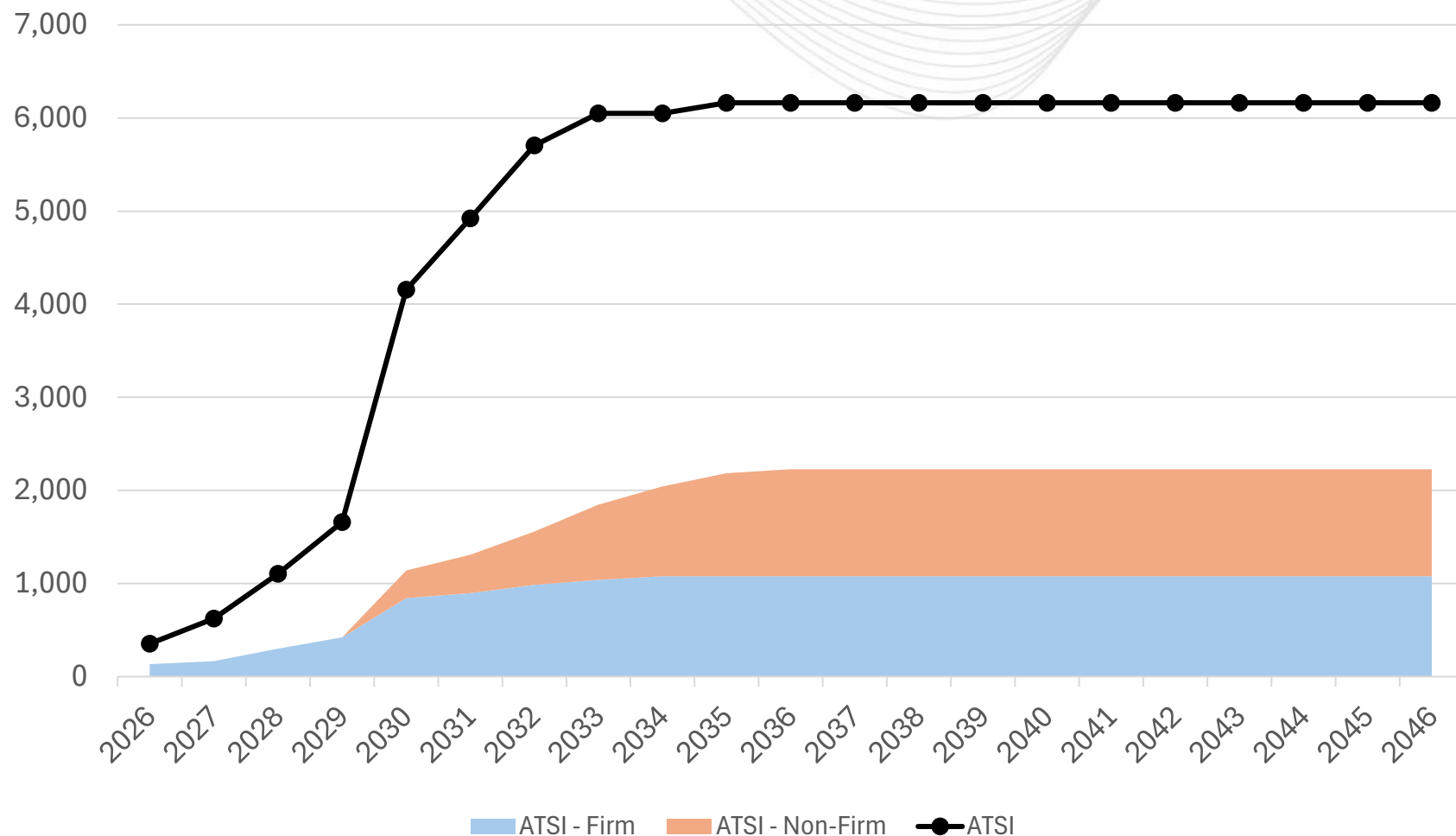
- Project with Other Agreements considered Non-Firm.
- Used 70% utilization rate for data center requested capacity.
- At least 3 year ramp used.
- Non-Firm prior to 2030 equal to zero and 2030+ applied 50%



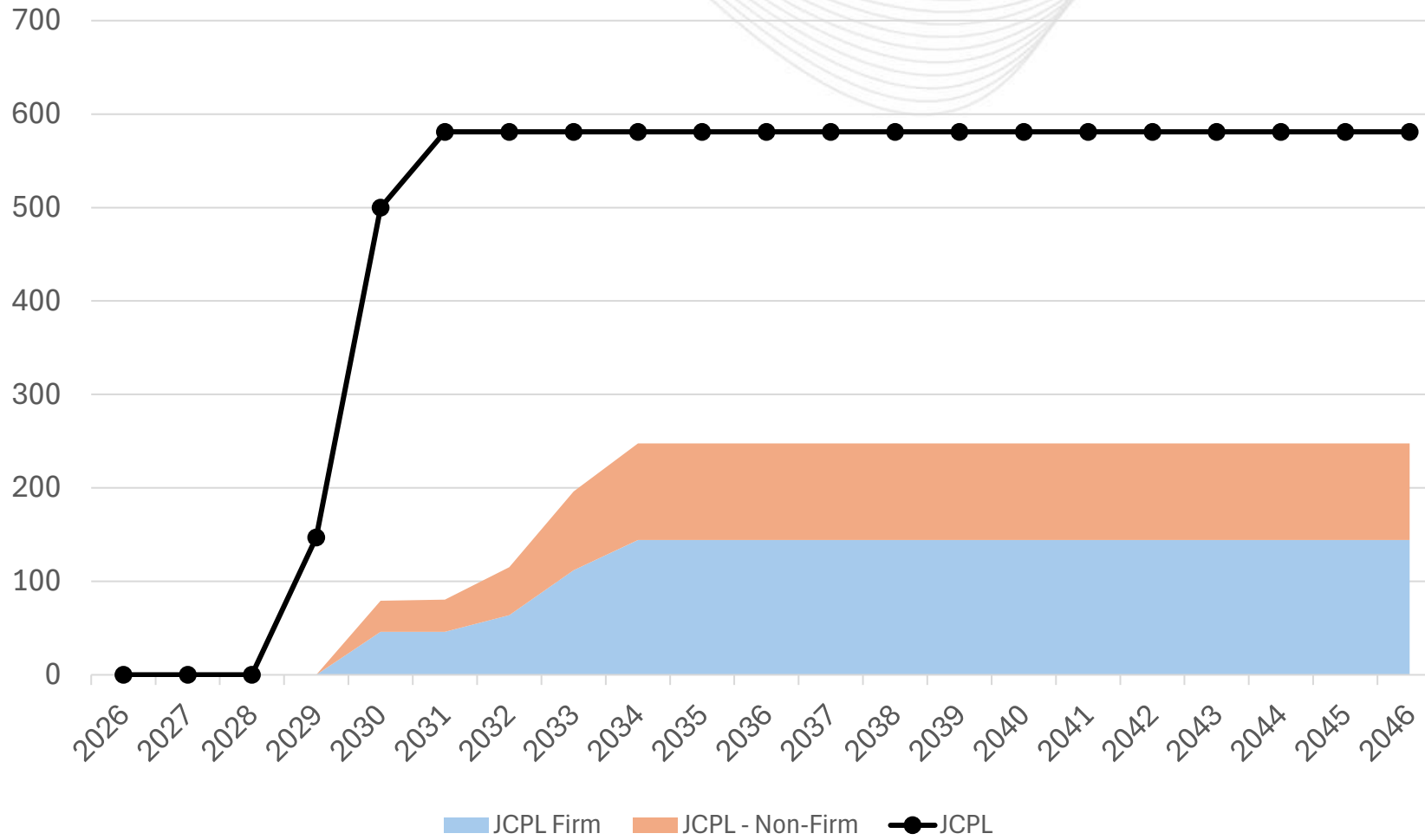
- Existing and New Projects with commitments considered Firm.
- Projects with Feasibility studies considered Non-Firm including Port Electrification.
- Used 70% utilization rate for each data center's requested capacity.
- At least 3 year ramps applied.
- Non-Firm prior to 2030 equal to zero and 2030+ already had 50% applied in submitted data.
- Applied national average scaling for 2030+



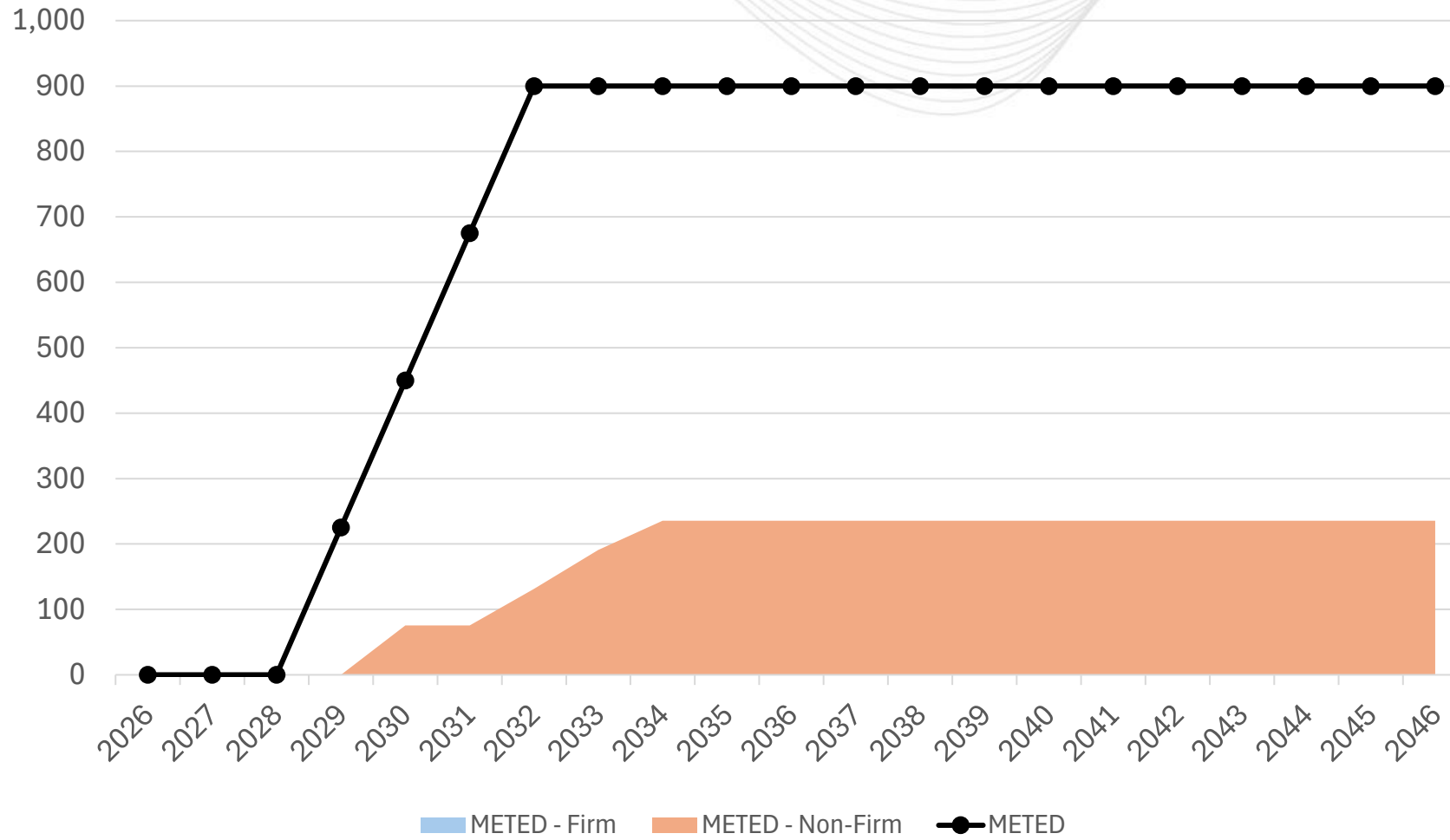
- Projects with contracts or under construction considered Firm.
- Other projects considered Non-Firm.
- Used 70% utilization rate for each data center's requested capacity.
- At least 3 year ramps applied.
- Non-Firm prior to 2030 equal to zero and 2030+ applied 50% and national average scaling.
- Industrial projects are not included due to overlap with economic variables



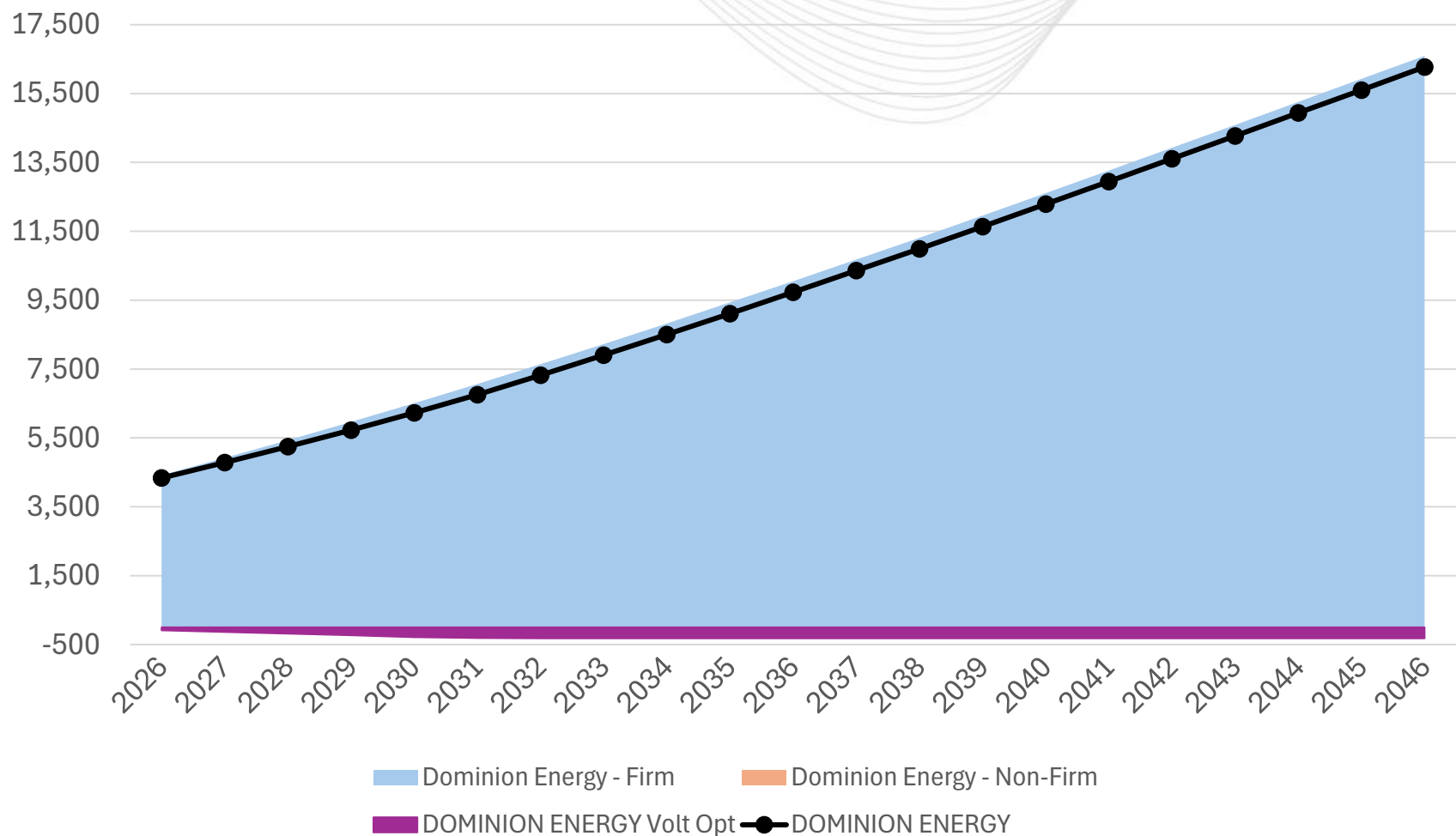
- Projects with contracts or under construction considered Firm.
- Other projects considered Non-Firm.
- Used 70% utilization rate for each data center's requested capacity.
- At least 3 year ramps applied.
- Non-Firm prior to 2030 equal to zero and 2030+ applied 50% and national average scaling
- Industrial projects are not included due to overlap with economic variables



- Projects with contracts or under construction considered Firm.
- Other projects considered Non-Firm.
- Used 70% utilization rate for each data center's requested capacity.
- At least 3 year ramps applied.
- Non-Firm prior to 2030 equal to zero and 2030+ applied 50% and national average scaling

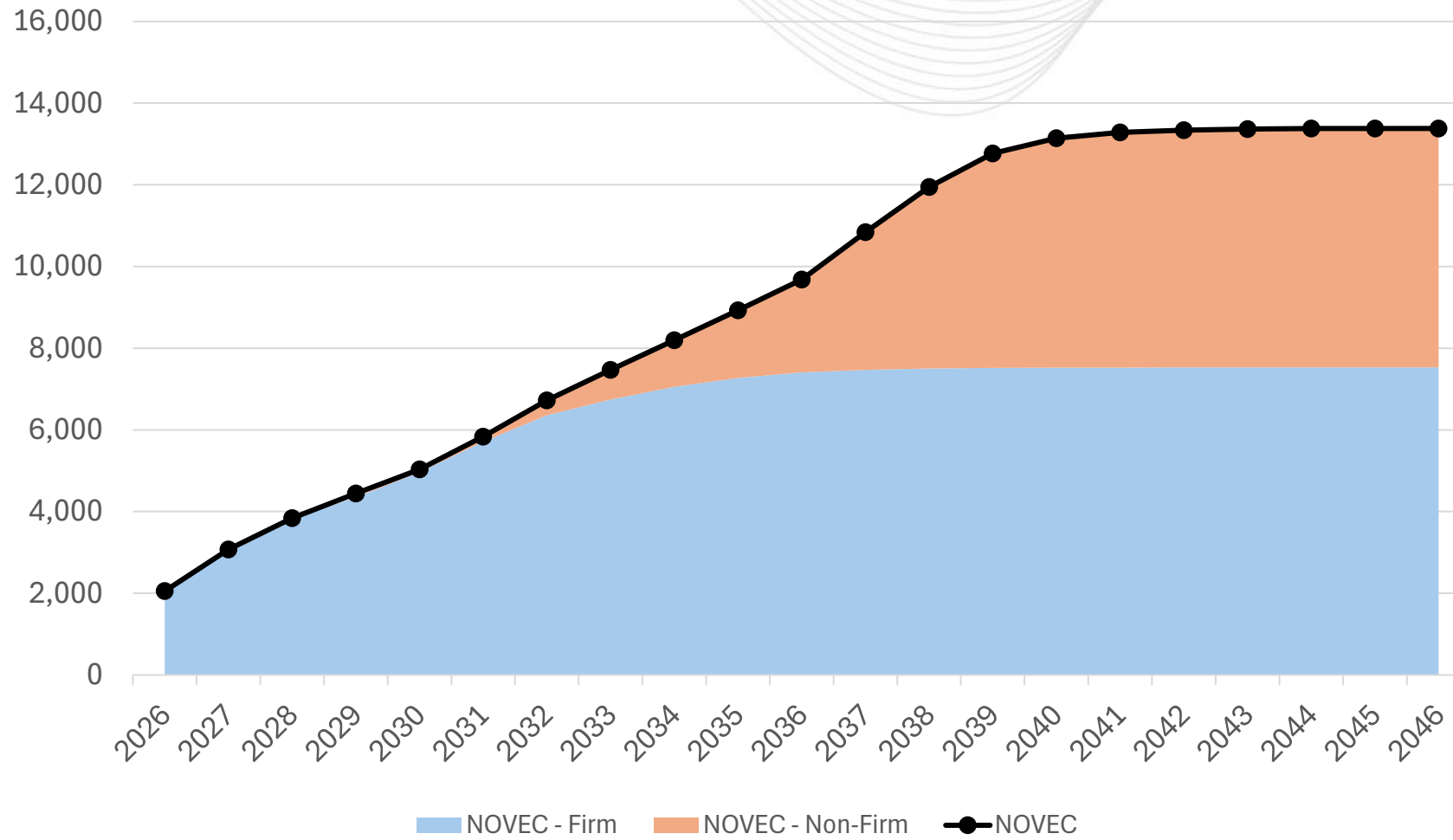


- Projects with contracts or under construction considered Firm.
- Other projects considered Non-Firm.
- Used 70% utilization rate for each data center's requested capacity.
- At least 3 year ramps applied.
- Non-Firm prior to 2030 equal to zero and 2030+ applied 50% and national average scaling



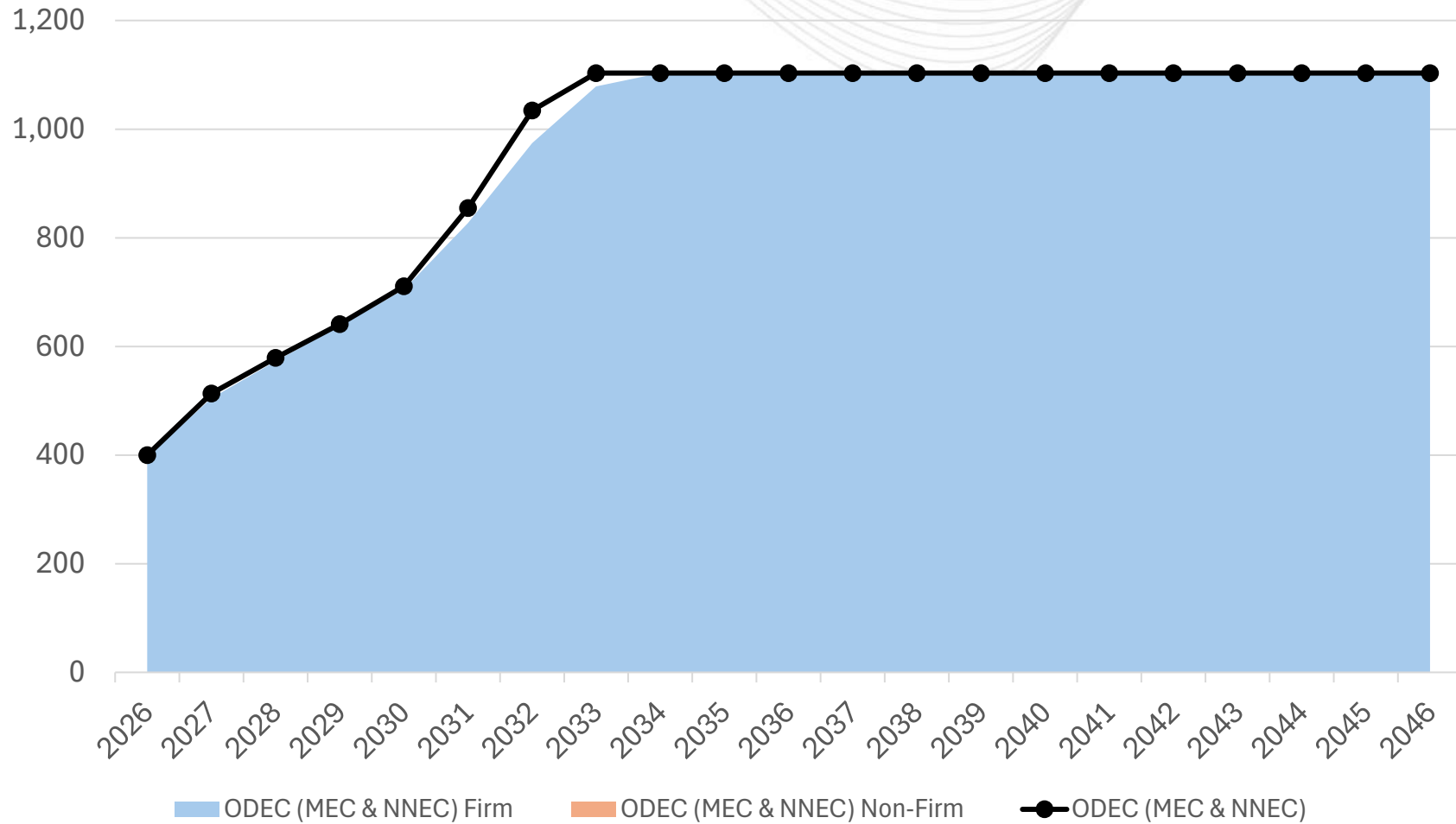
- Dominion's modeled demand forecast is less than or equal to the total amount of project demand with ESA/CC so considered Firm
- Utilization rate for each data center's requested capacity and ramp rates are modeled and verified by historical demand.
- Dominion Voltage Optimization is negative adjustment





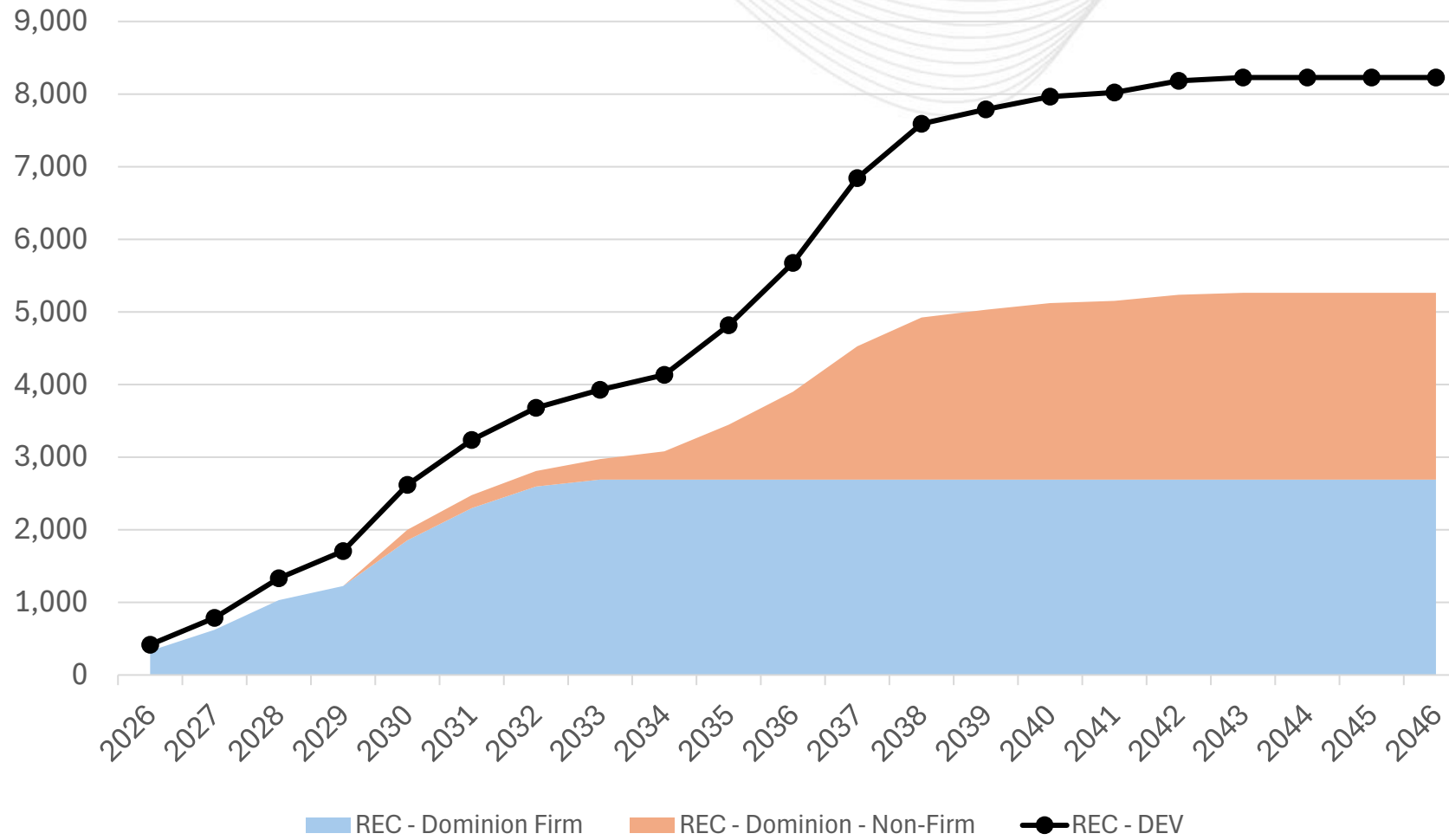
- Projects with ESA/CC are considered Firm.
- Projects with Other Agreements (with milestones) considered Non-Firm
- NOVEC uses average 4 year ramp rate and ~70% utilization rate for data center requested capacity.
- Non-Firm prior to 2030 equal to zero and 2030+ already had 50% applied in submitted data.



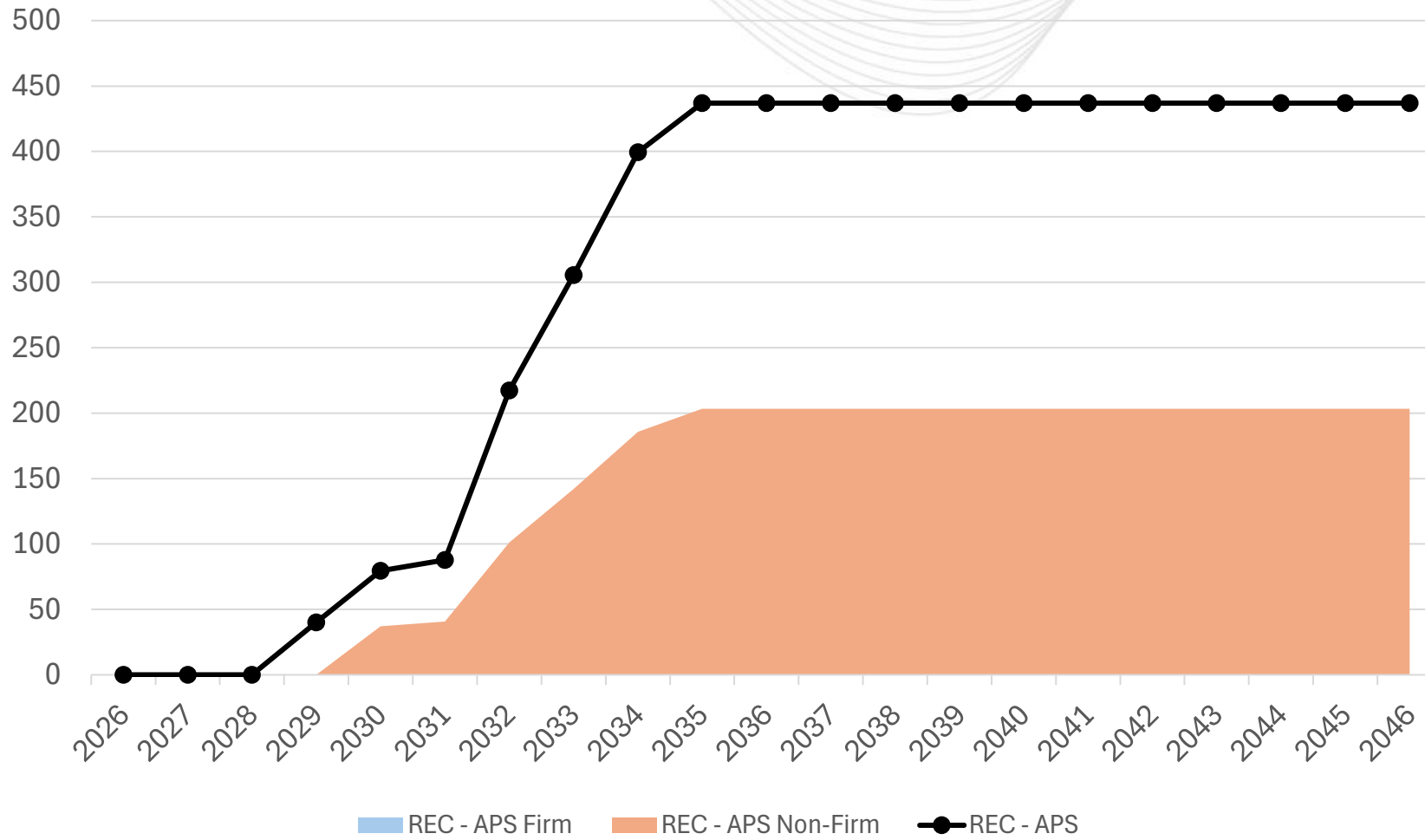


- Projects with ESA/CC are considered Firm.
- Utilization ~73% backed by data.
- At least 3 year ramps applied.

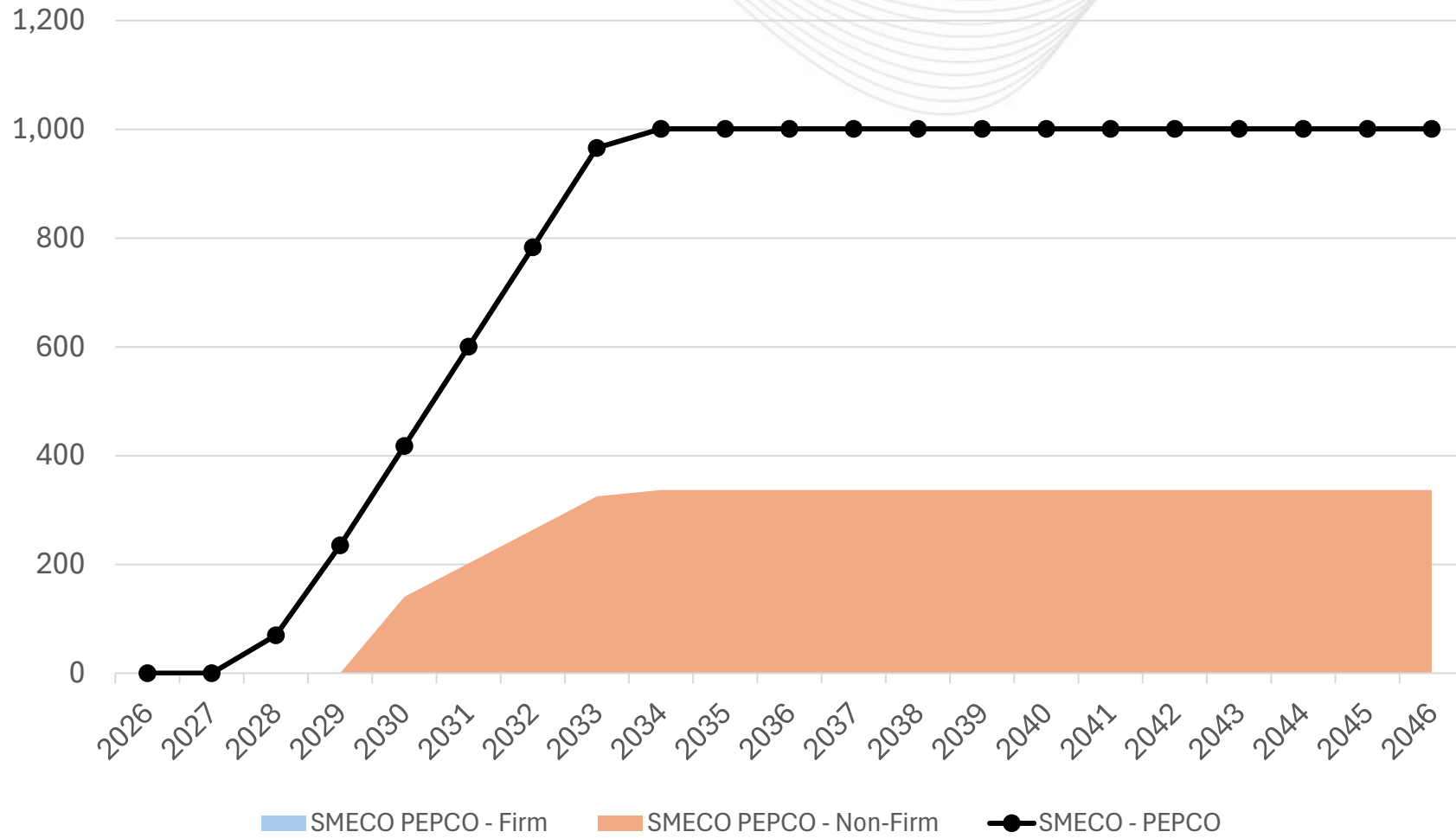
# REC - Dominion



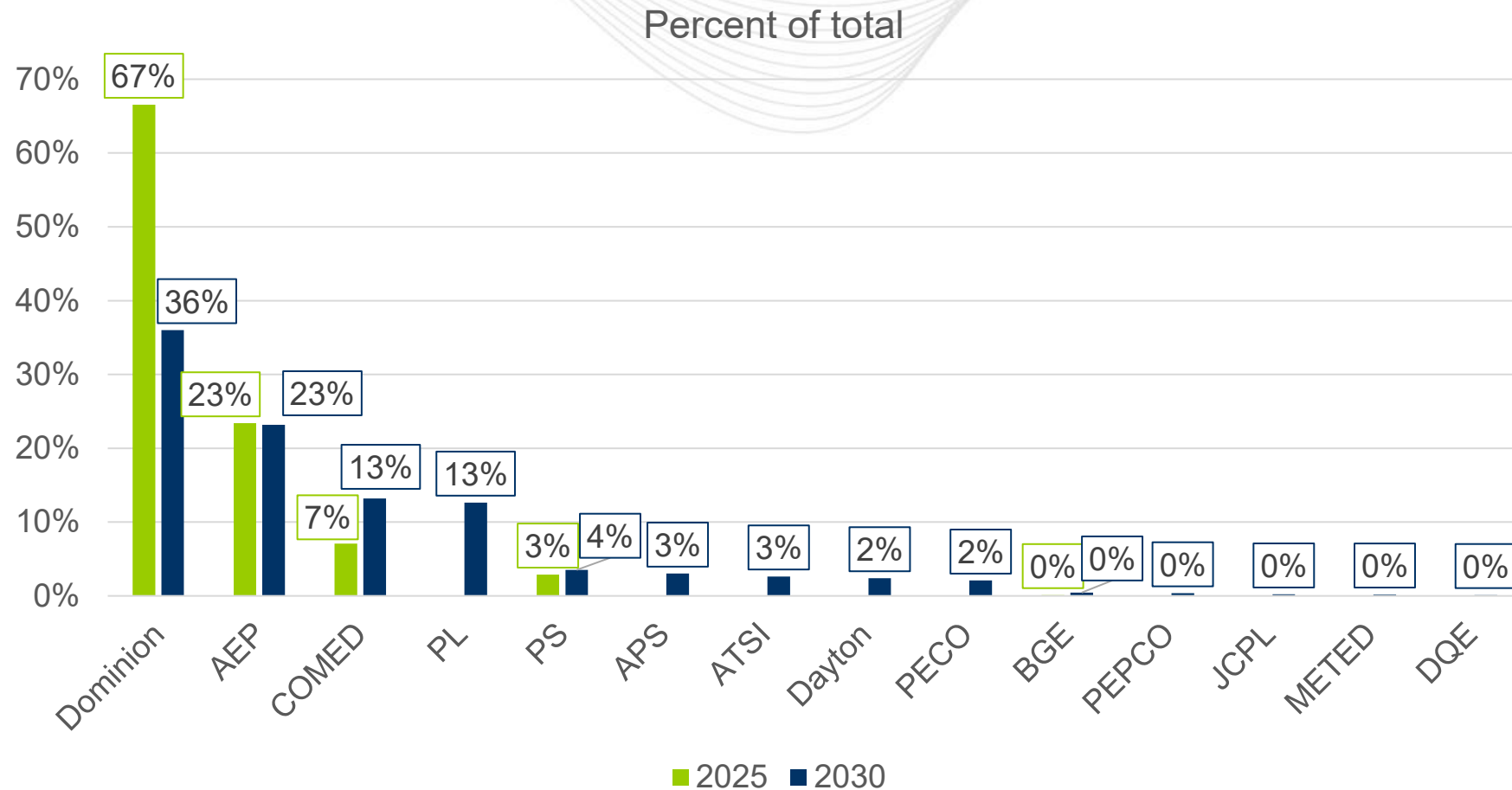
- Projects with Construction Development Agreements are considered Firm.
- Projects with Other agreements considered Non-Firm
- Utilization rate set to 70%.
- Non-Firm prior to 2030 equal to zero and 2030+ already had 50% applied in submitted data.
- Applied national average scaling for 2030+



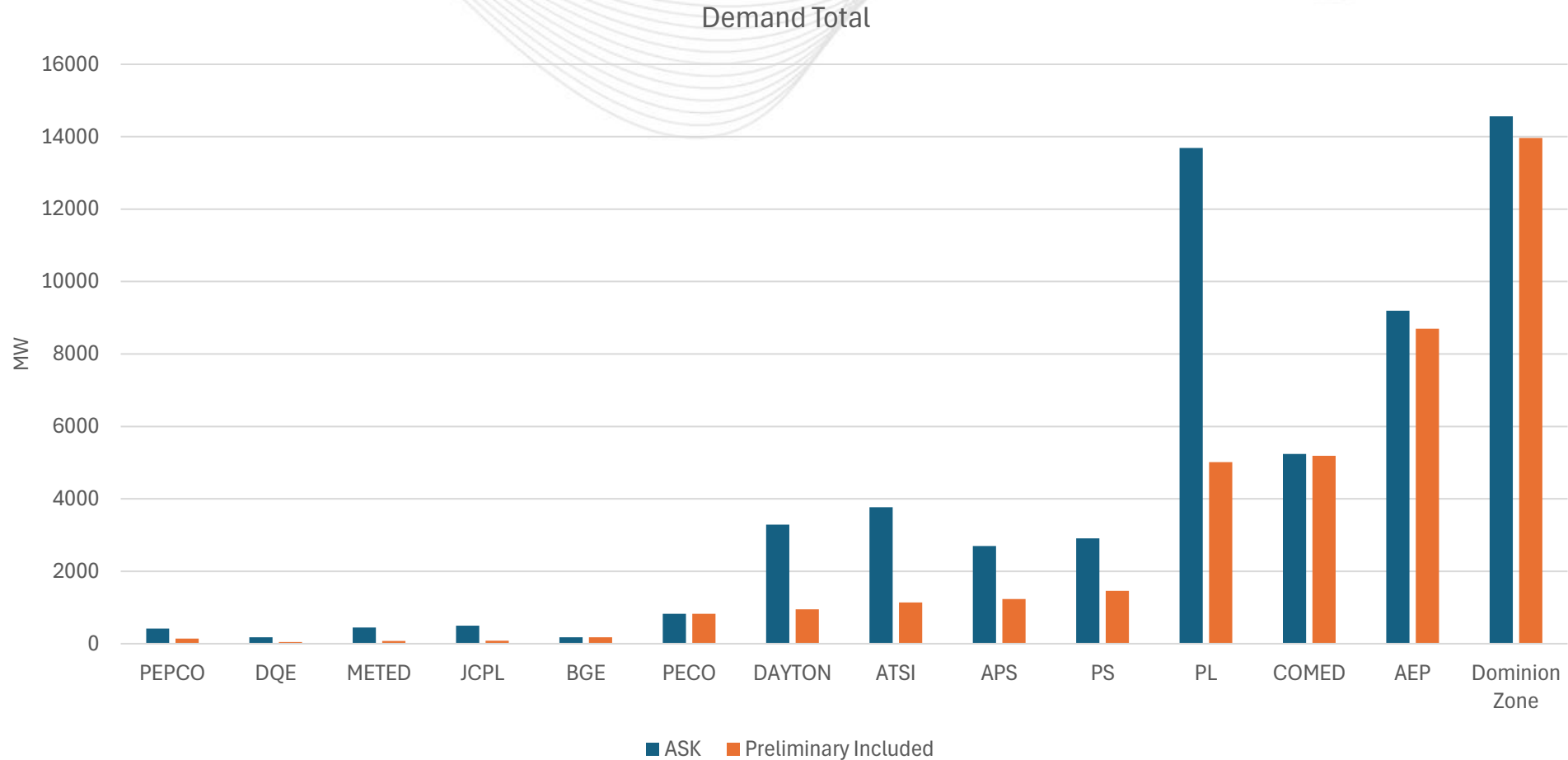
- Projects with Other agreements considered Non-Firm.
- Utilization rate set to 70%.
- Non-Firm prior to 2030 equal to zero and 2030+ already had 50% applied in submitted data.
- Applied national average scaling for 2030+



- Projects in study phase considered Non-Firm.
- Utilization rate is 70% and ramp is 5 years.
- Non-Firm prior to 2030 equal to zero and 2030+ applied 50% and national average scaling



# 2030 Demand Ask vs. Preliminary Included by Zone



- Finalize large load adjustments including hourly monthly profiles for weekday and weekend.
- LAS meeting will be scheduled in January to review 2026 Load Forecast.
- 2026 Load Forecast will be posted in January along with supporting data.

SME/Presenter:  
Molly Mooney,  
[Molly.Mooney@pjm.com](mailto:Molly.Mooney@pjm.com)  
[Load\\_Analysis\\_Team@pjm.com](mailto:Load_Analysis_Team@pjm.com)

**Load Adjustment Requests Summary for  
2026 Load Forecast - Preliminary**



### Member Hotline

(610) 666 – 8980

(866) 400 – 8980

[custsvc@pjm.com](mailto:custsvc@pjm.com)



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