



Load Adjustment Requests Summary for 2025 Load Forecast - Preliminary

Molly Mooney

Load Analysis Subcommittee

November 25, 2024

- Load adjustment requests covered 11 zones
 - Some zones have multiple entities reporting
- Major types represented
 - Data centers
 - Manufacturing
 - Voltage optimization

July

PJM requests information on potential load adjustments

September

PJM receives information on load adjustments and begins evaluation

October

Members present on load adjustments to Load Analysis Subcommittee

Capacity or
Demand

Screening
Criteria

Model
Forecast vs
Accounting

Agreement
Certainty

Ramp
Schedule

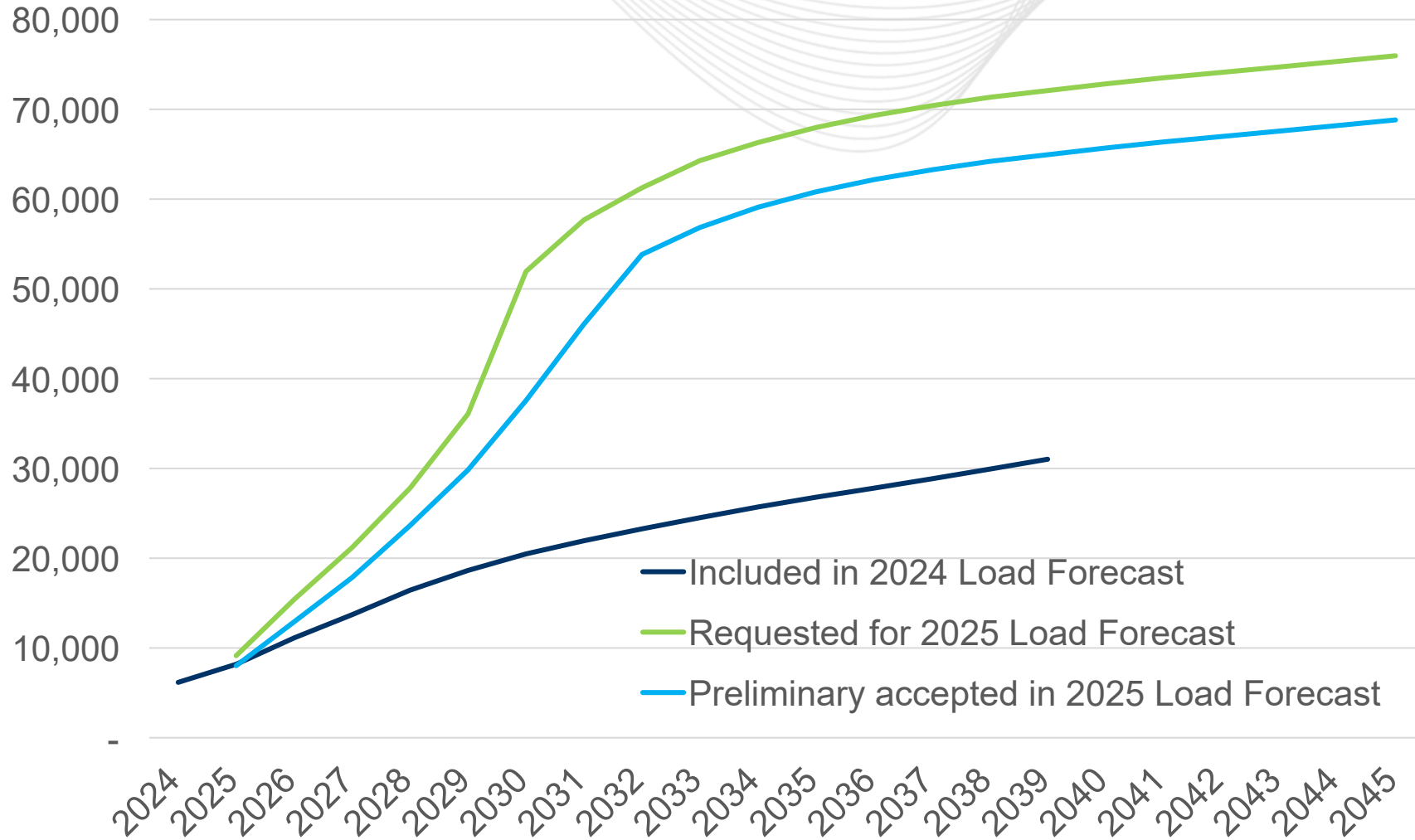
1. Load related to in-service, under construction, with Electric Service Agreement (ESA), or with identified tenant arrangements are considered accepted
2. Requests in terms of capacity ask are translated to demand
 - a. Used 70-90% of max capacity based on info from multiple submitters
3. Ramp schedule
 - a. Data center projects should have ramp into final demand in 3-4 years or more
4. Vendor comparison

November

PJM continues evaluation and presents preliminary accepted requests to Load Analysis Subcommittee

December/January

PJM presents and posts official PJM Load Forecast

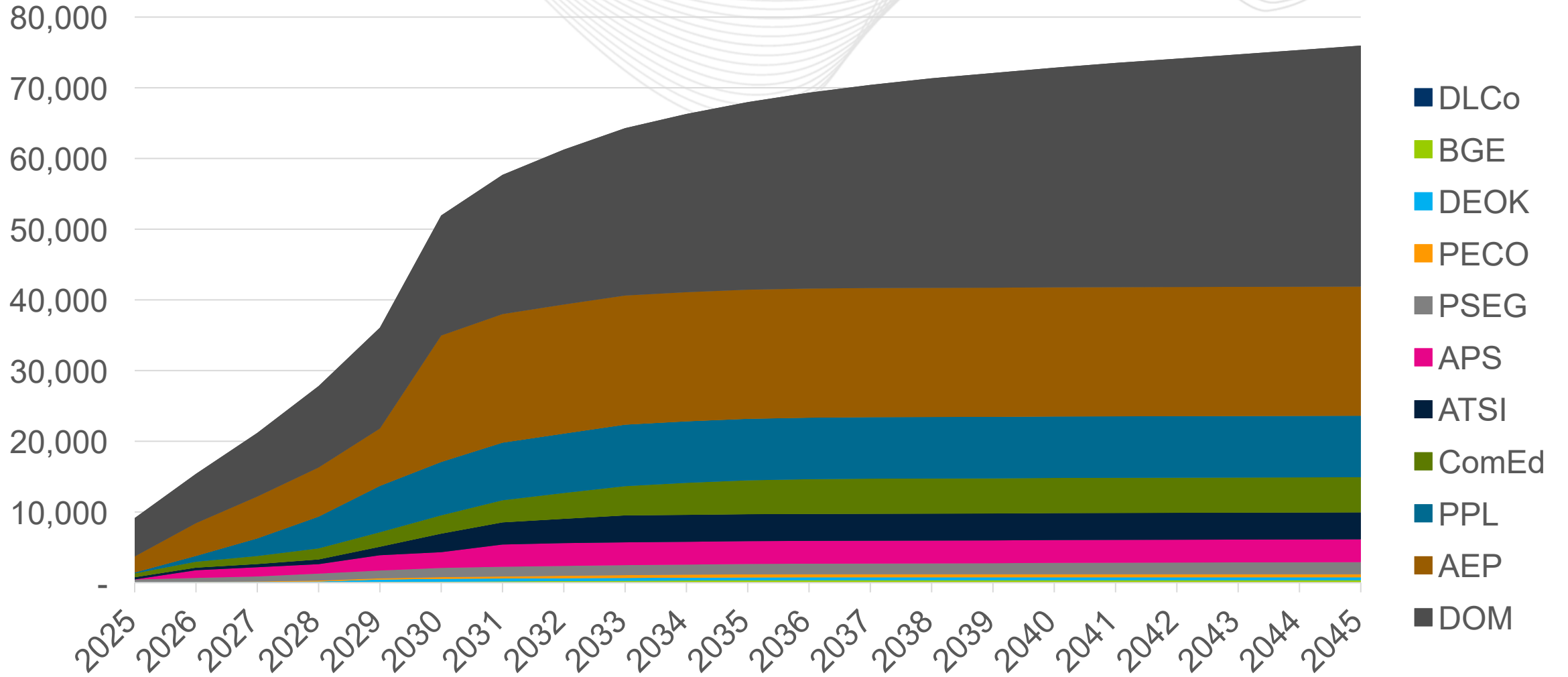


Versus Request
 2026: ~ -2,500 MW
 2030: ~ -14,400 MW

Versus 2024 LF
 2026: ~1,800 MW
 2030: ~17,100 MW

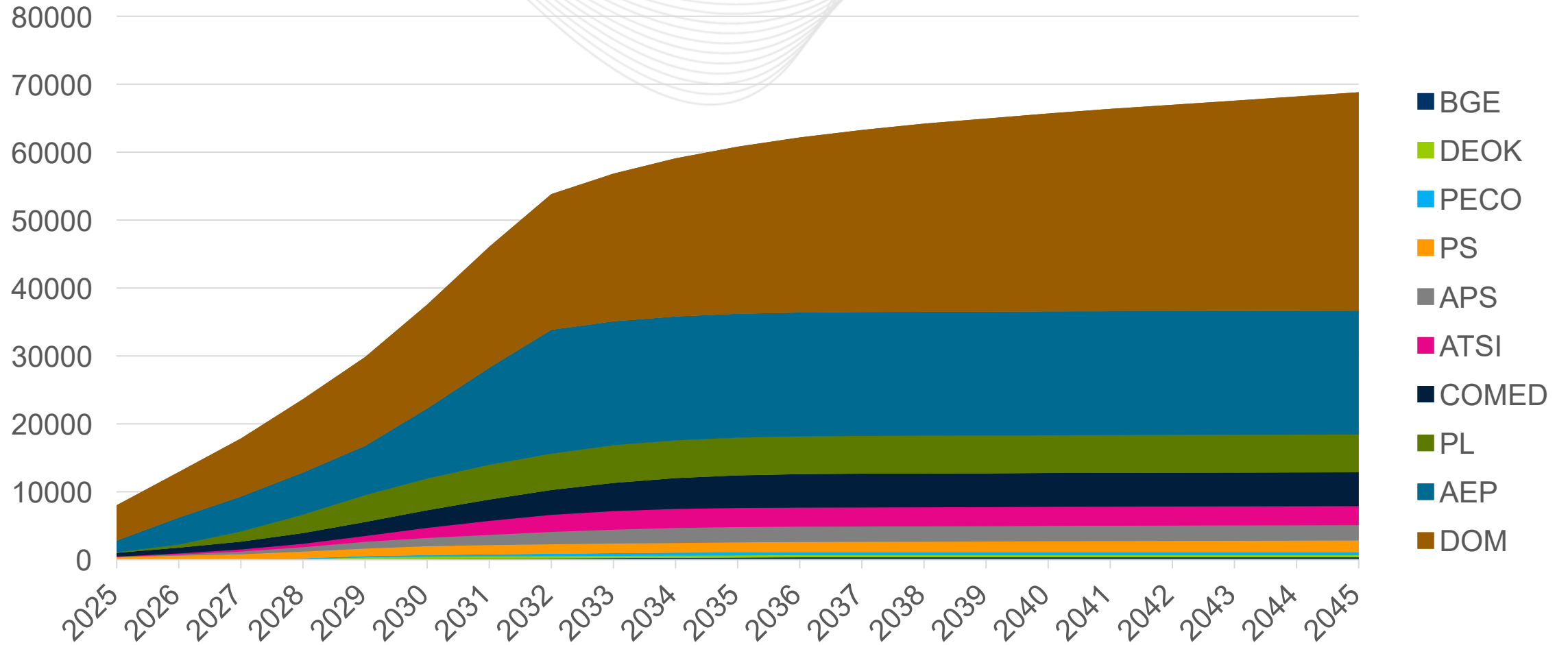


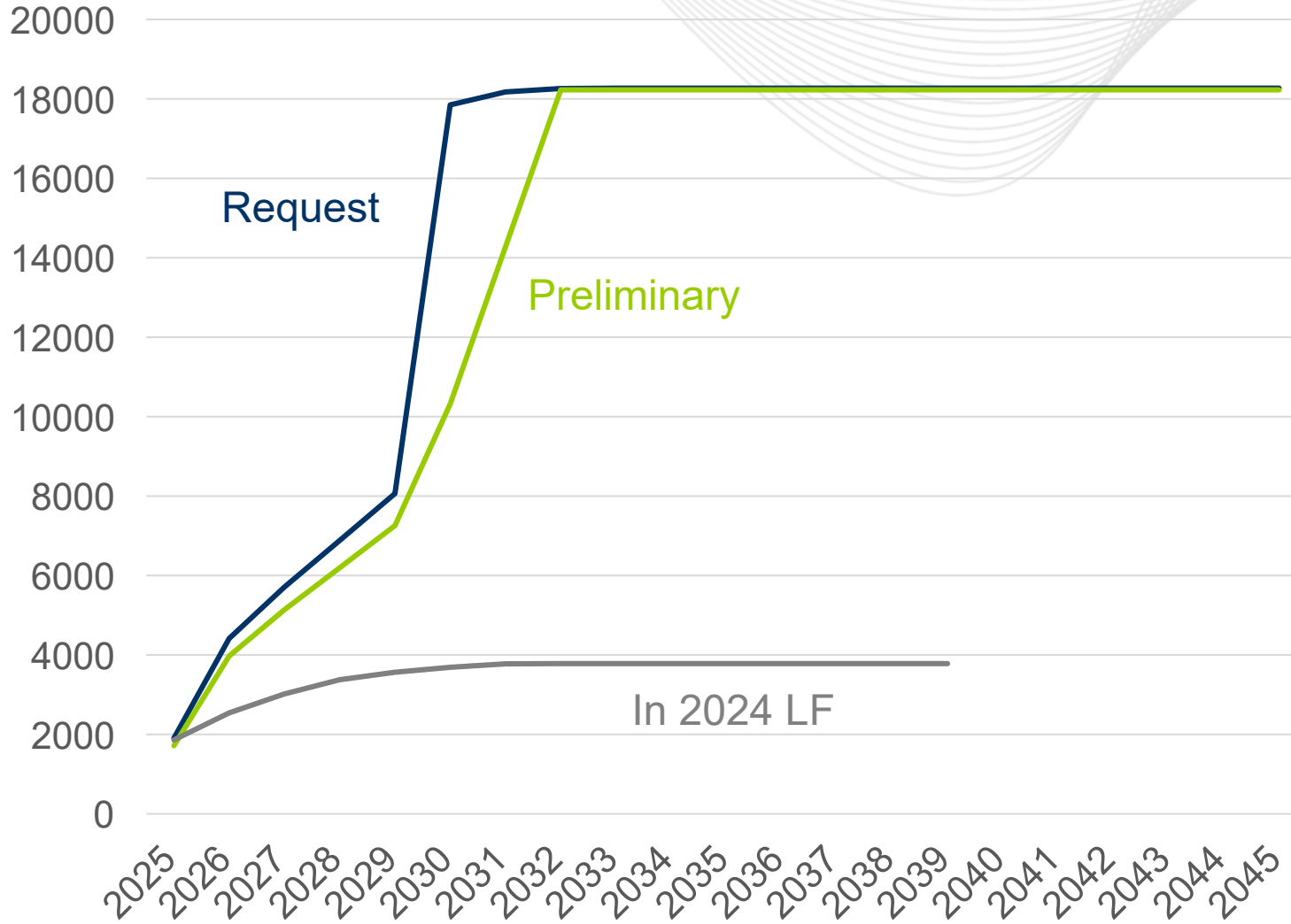
2025 Load Forecast Requests



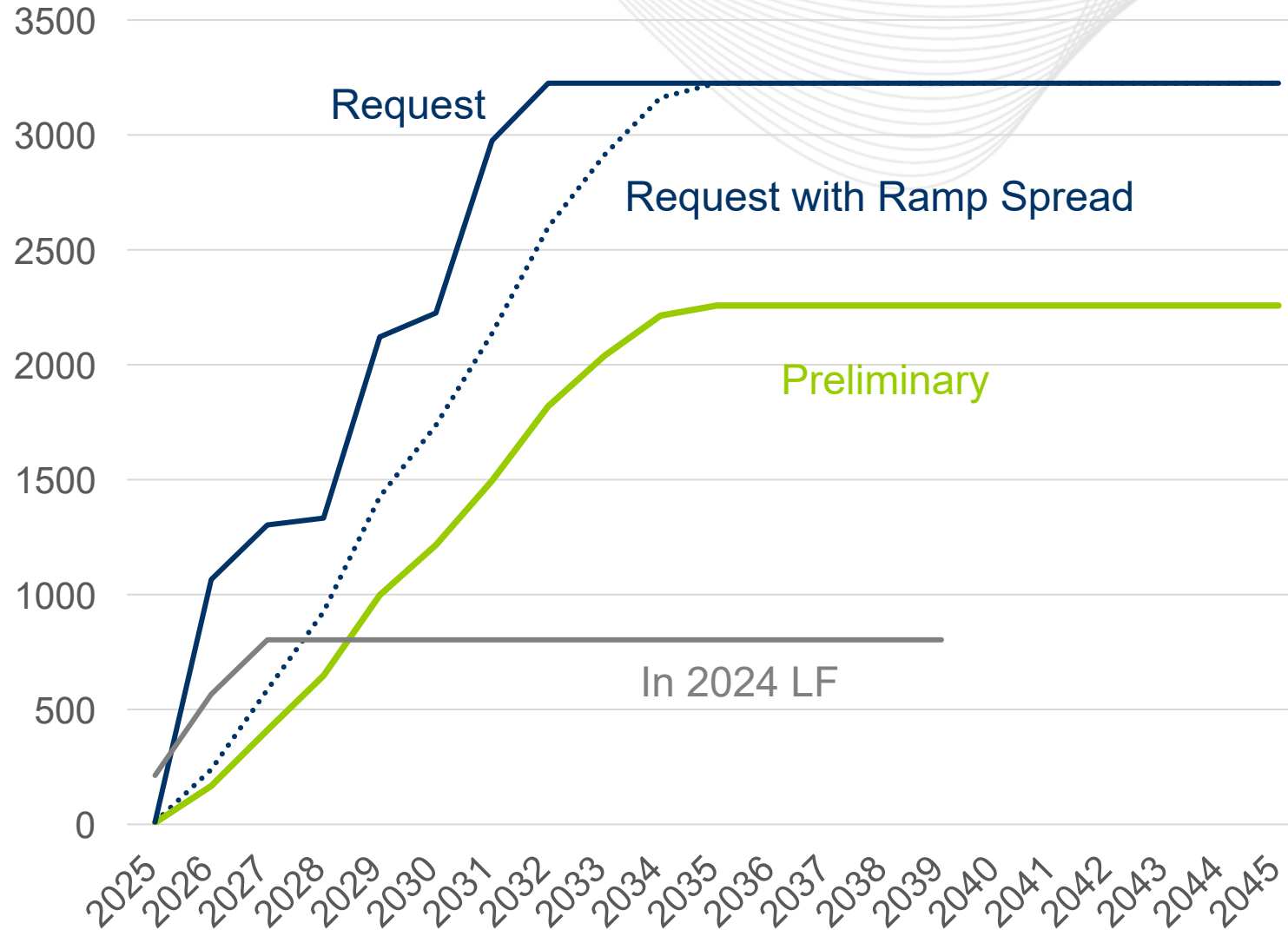


2025 Load Forecast Preliminary Accepted Requests

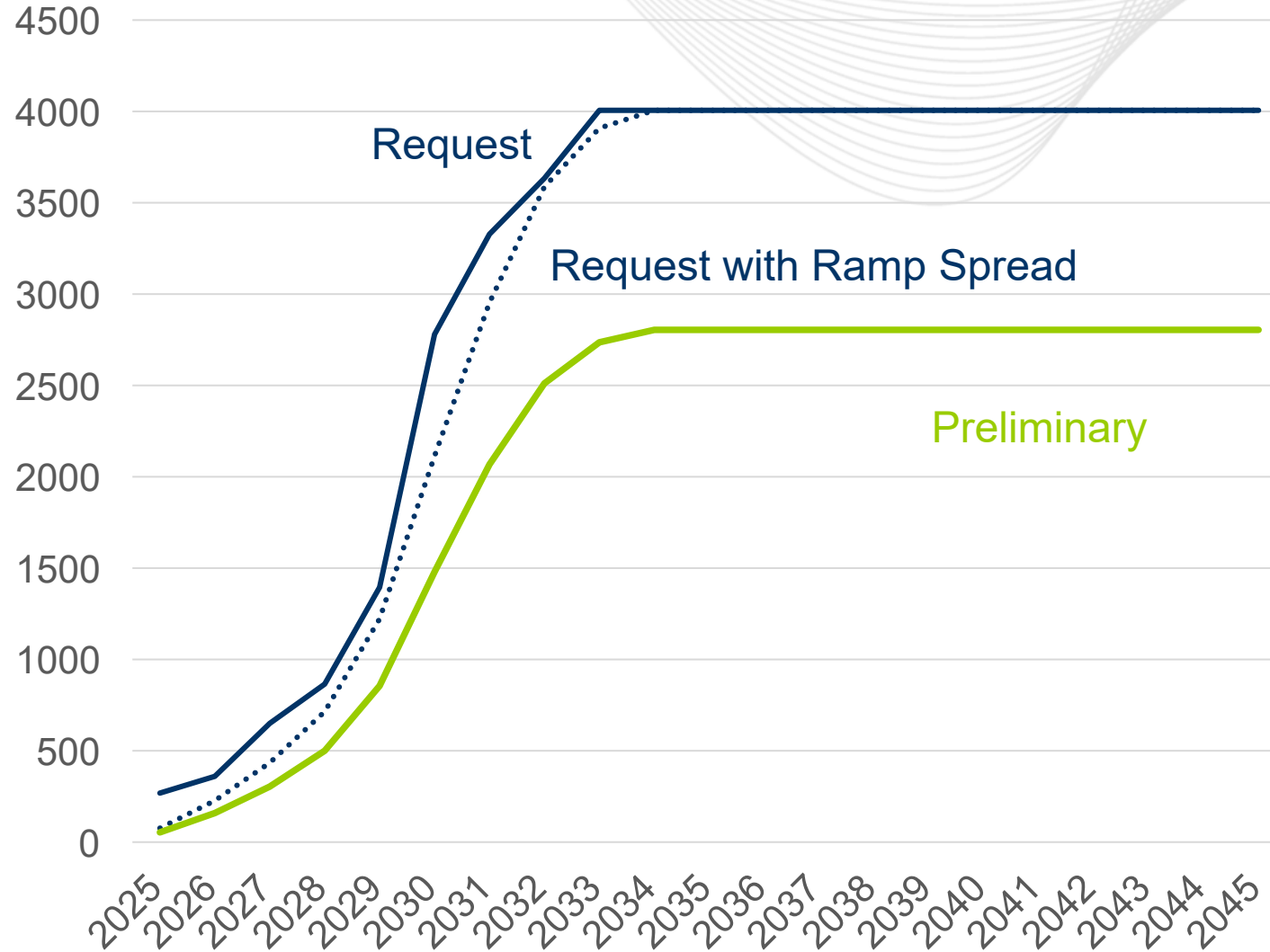




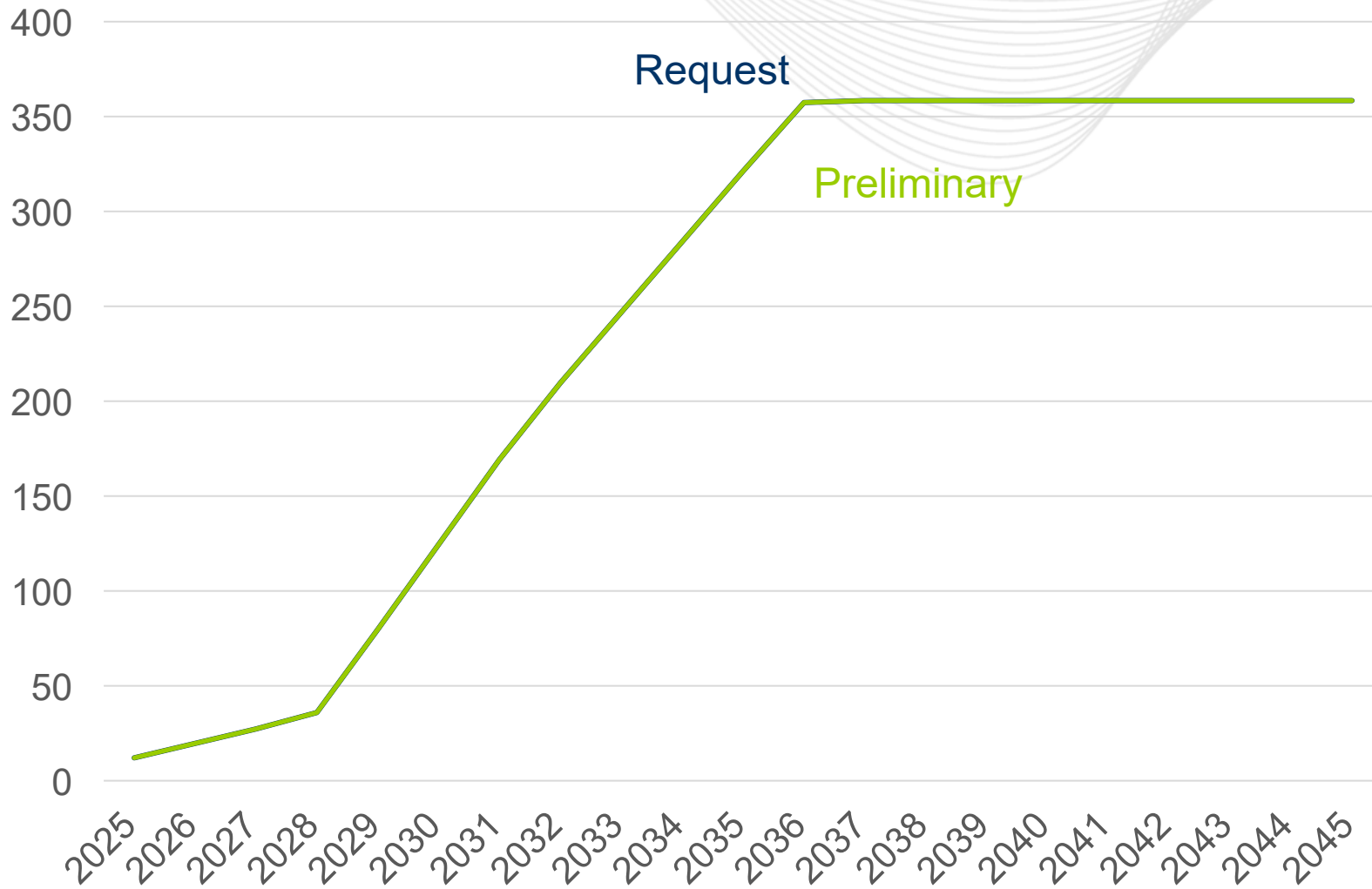
1. Request was in capacity ask terms
2. Years through 2029 largely backed by ESAs
3. 2030 and later loads were spread over 3 year ramp



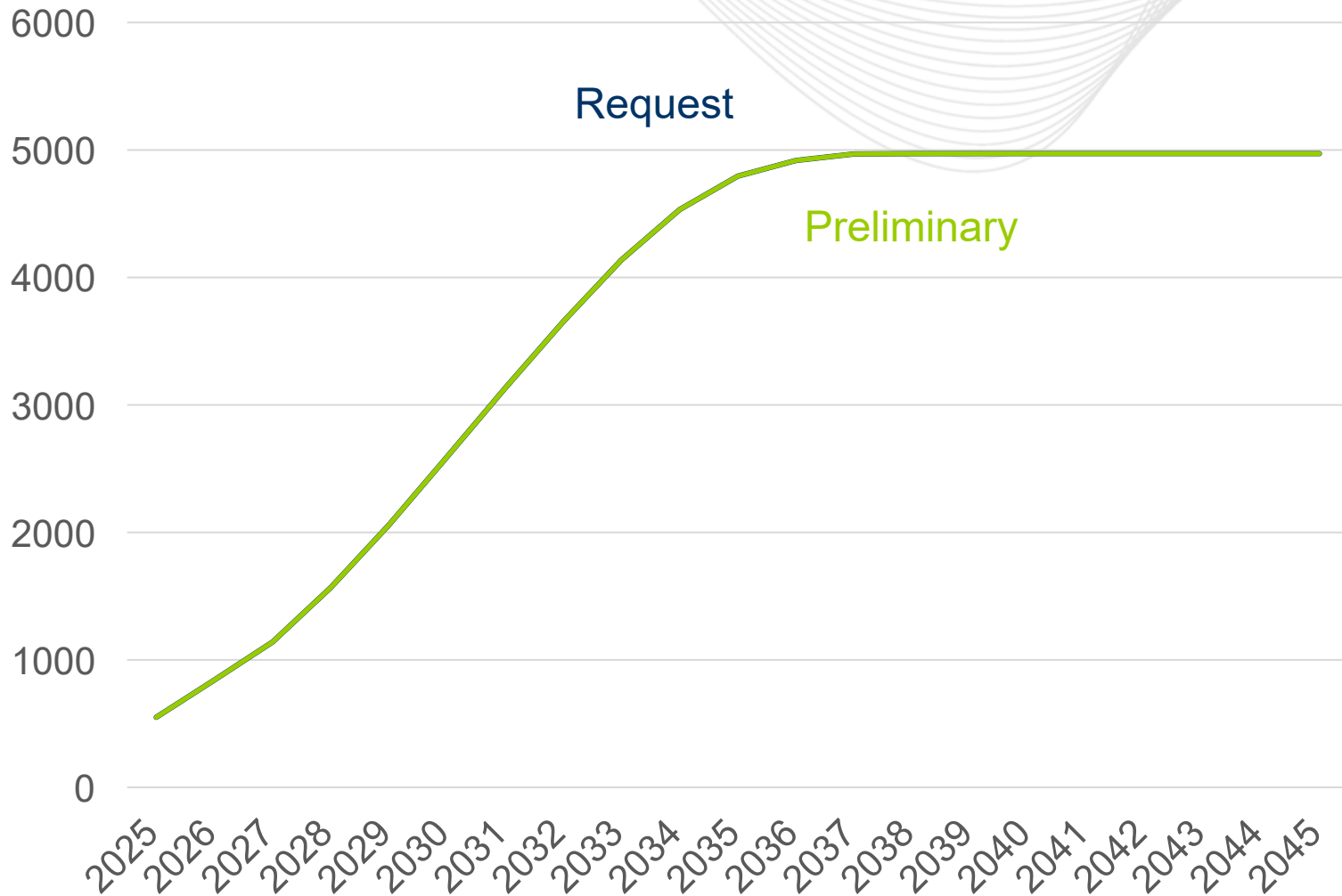
1. Request was in capacity ask terms
2. Firm projects were under construction, had tenants, or are in FirstEnergy planning forecast
3. Ramps for several areas were spread out to reflect industry trends



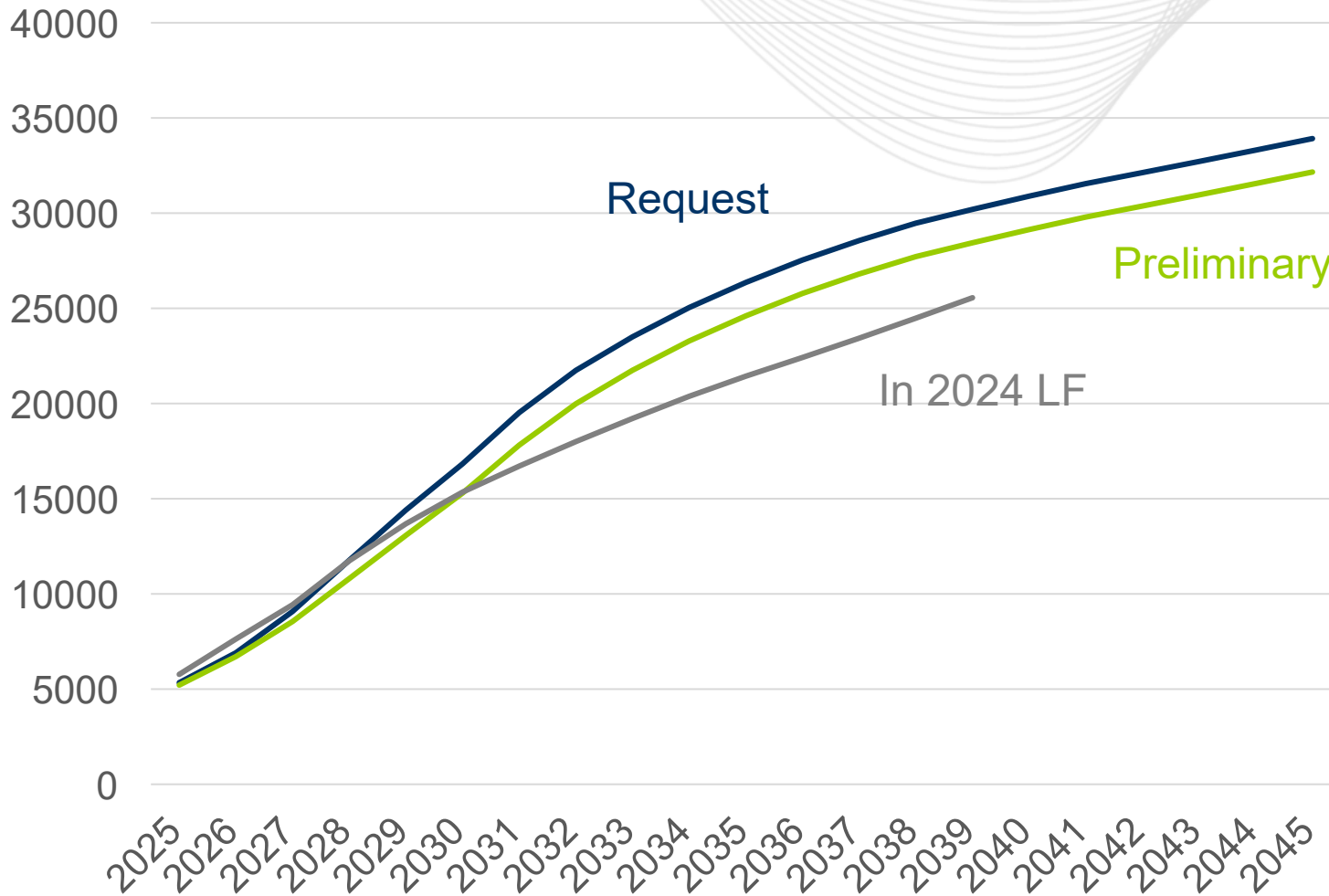
1. Request was in capacity ask terms
2. Firm projects were under construction, had tenants, or are in FirstEnergy planning forecast
3. Ramps for several areas were spread out to reflect industry trends



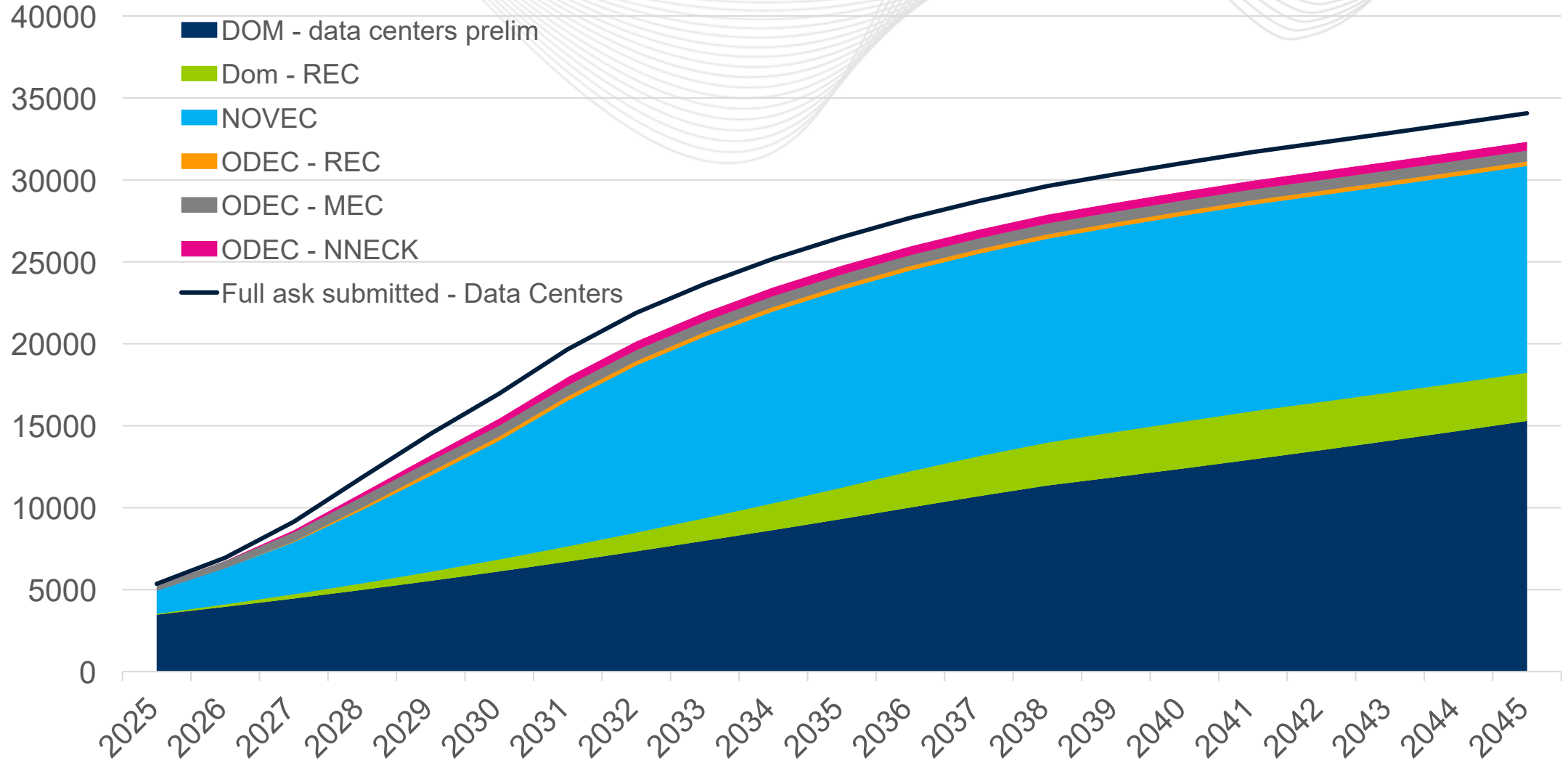
1. Request was in demand terms
2. Load from both in-service and planned data centers were accepted

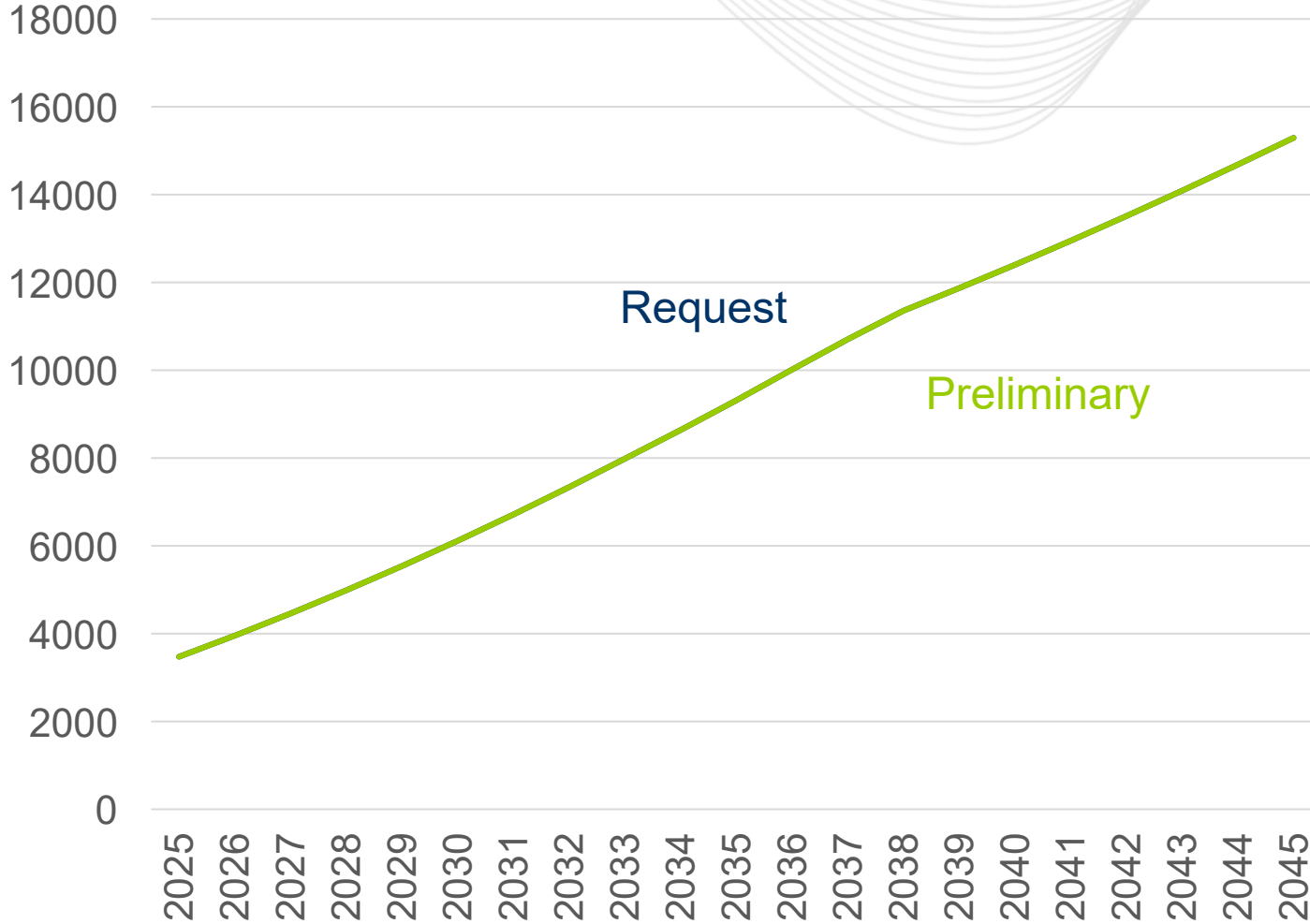


1. Request was in demand terms
2. Mostly data centers and one EV battery manufacturing facility
3. Load from both in-service and planned data centers were accepted

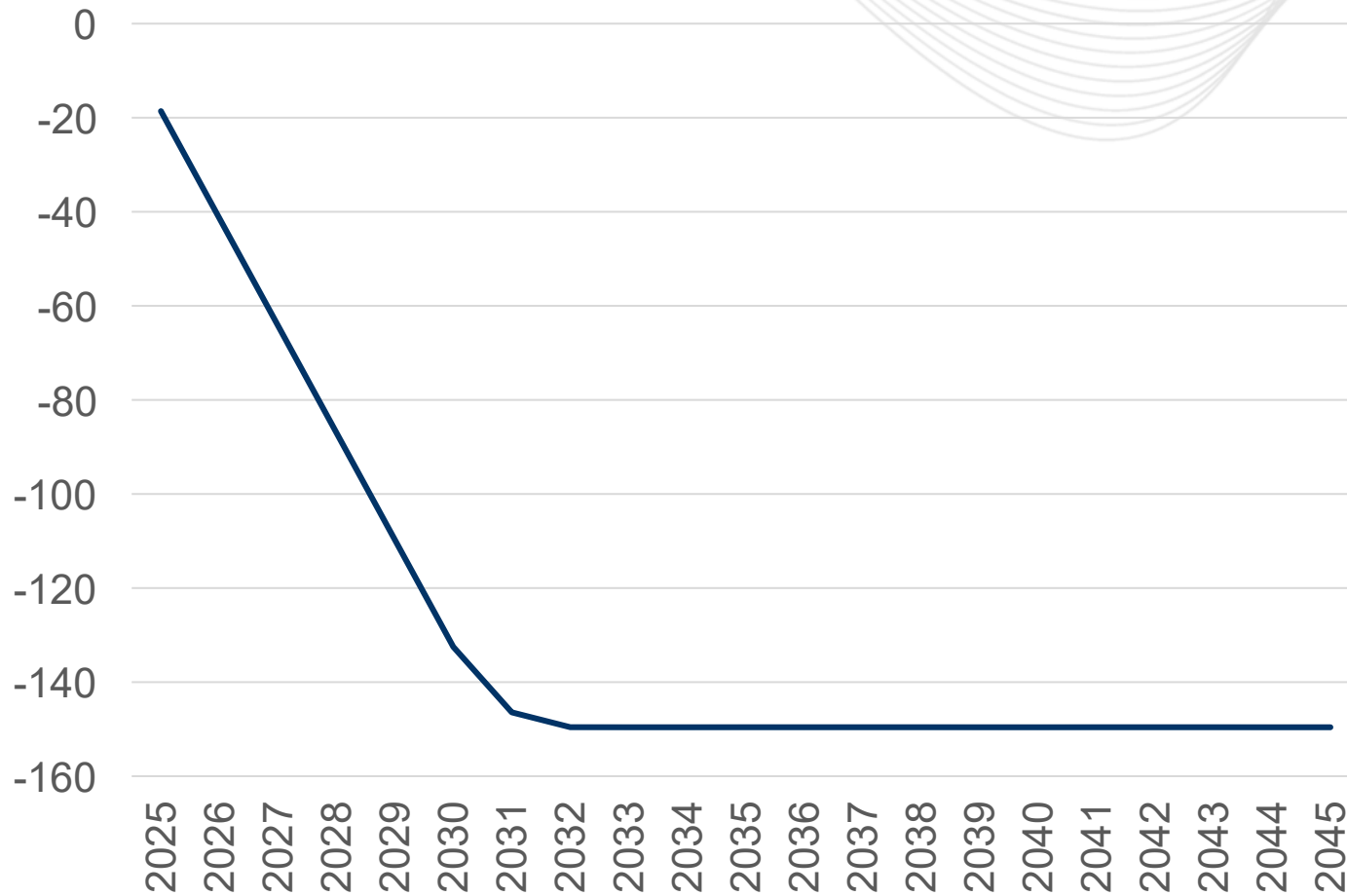


1. Mixture of capacity and demand projections
2. Strong support from vendor forecast

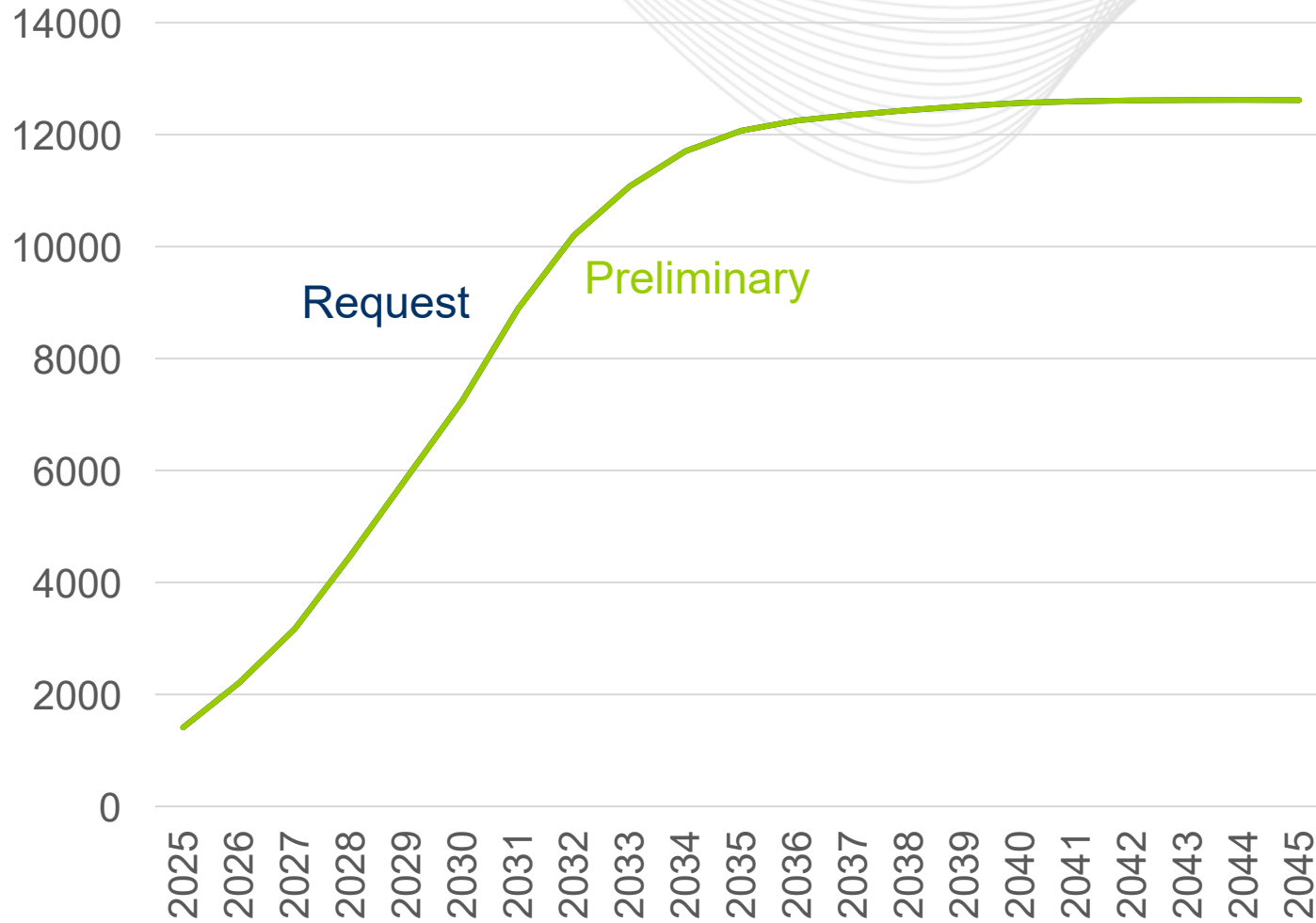




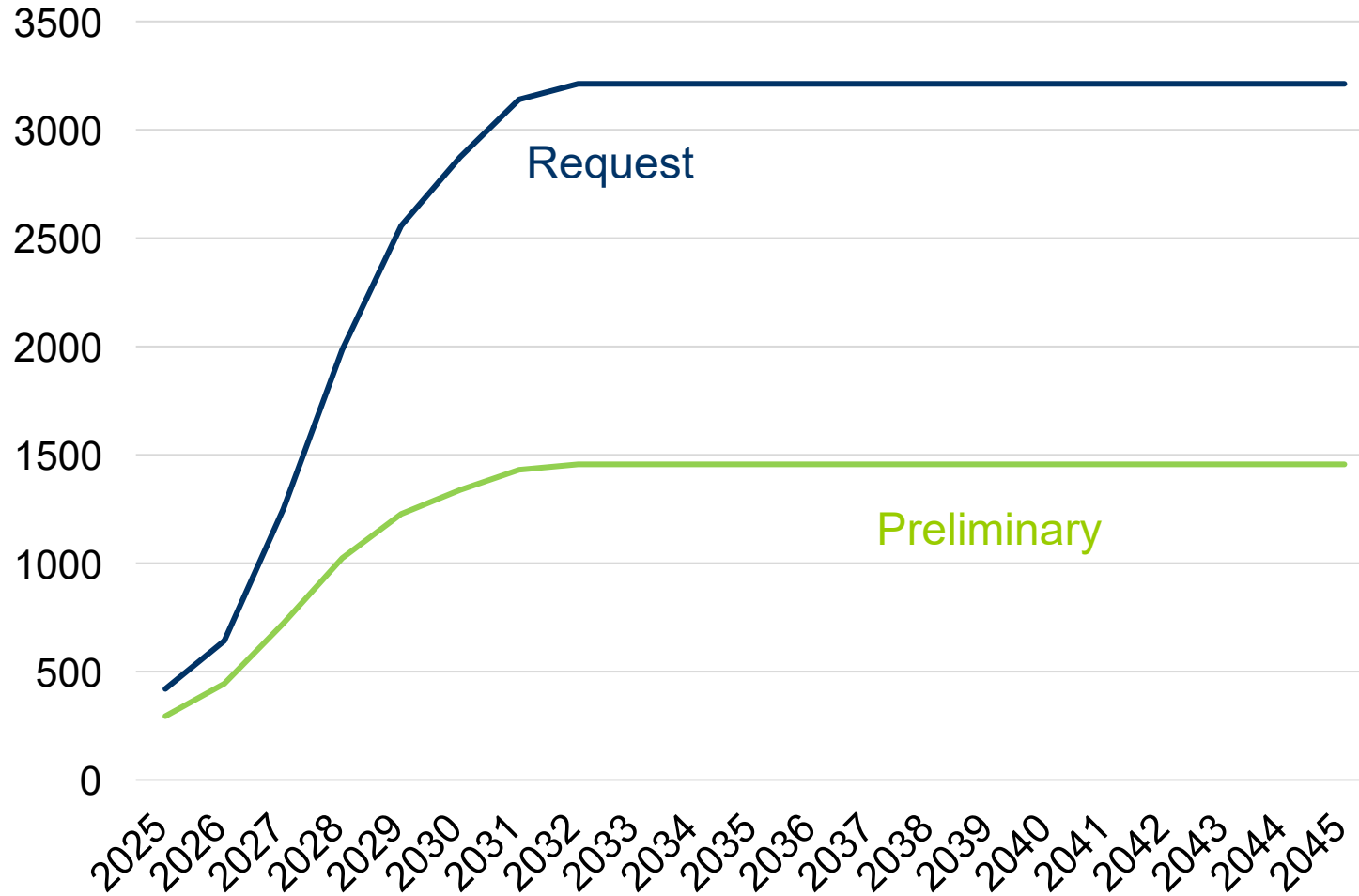
1. Request was in demand terms
2. Strong support from vendor forecast



1. Use of smart meters to optimize voltage settings
2. Accepted demand reduction

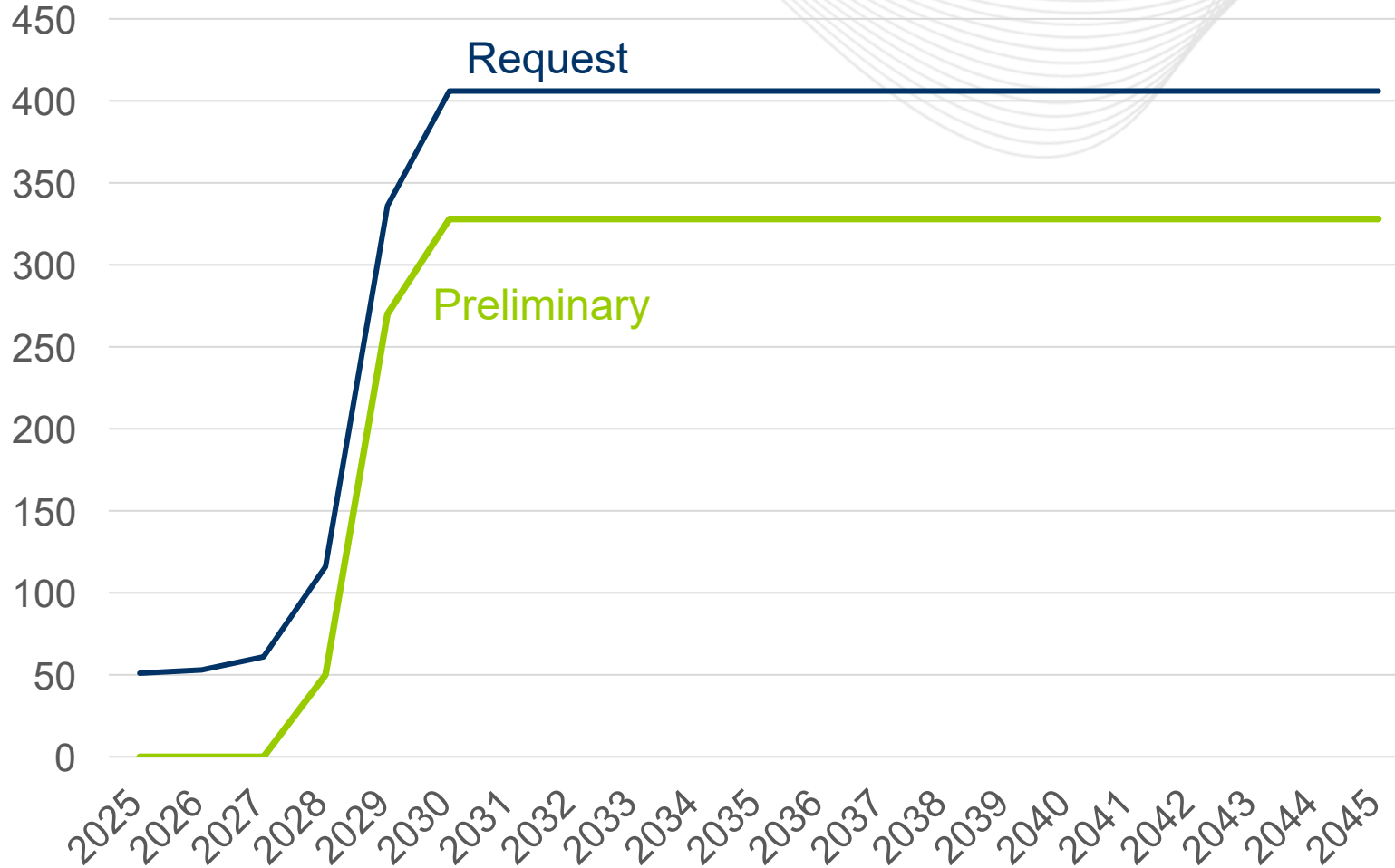


- 1. Request was in demand terms
- 2. Strong support from vendor forecast

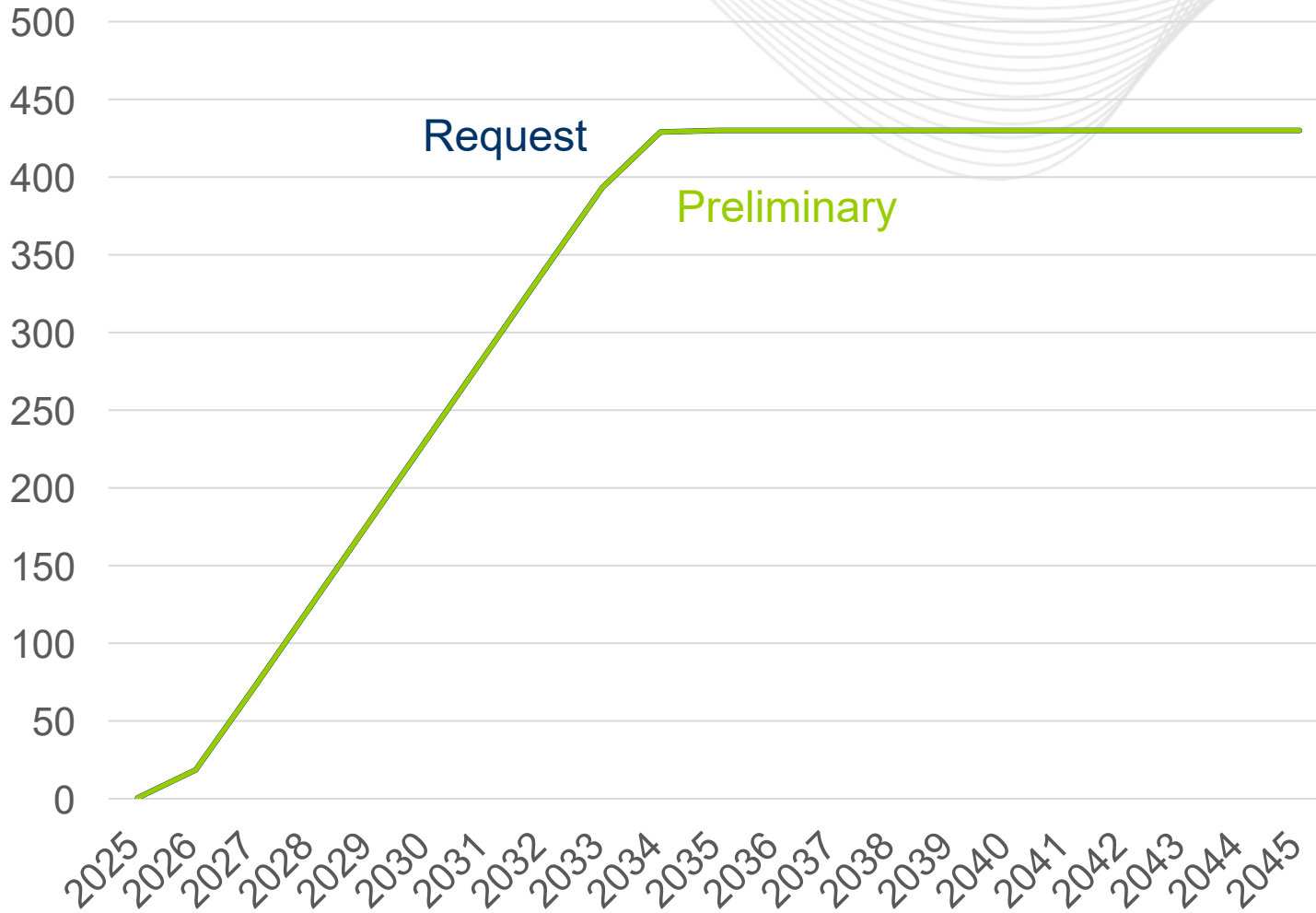


1. Request was in capacity terms
2. Less certain agreements were derated

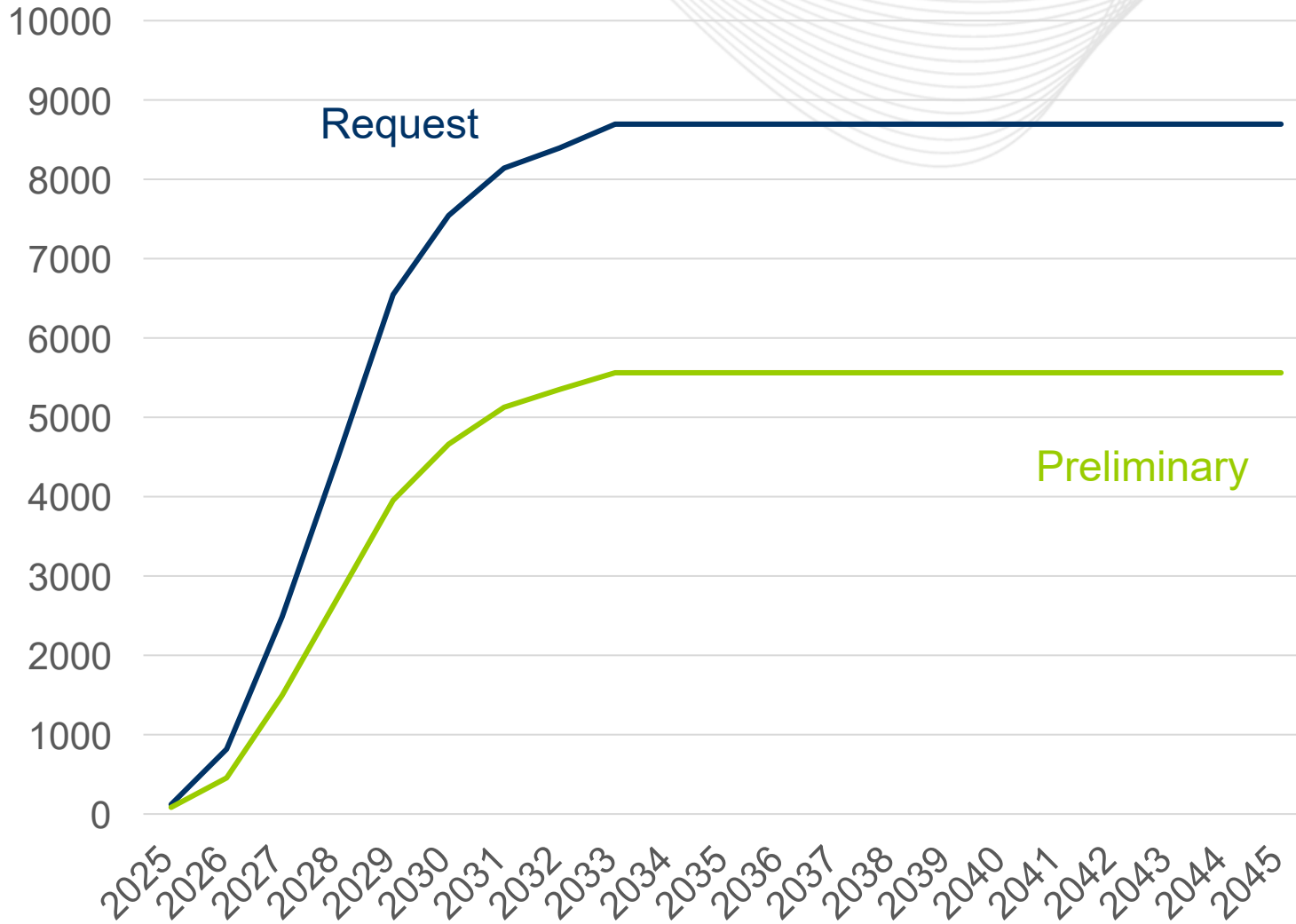
- Temporary wastewater treatment facility for tunnel project
 - 20 MW for 10 years
- Decision to not make adjustment as it is less than 1% of peak



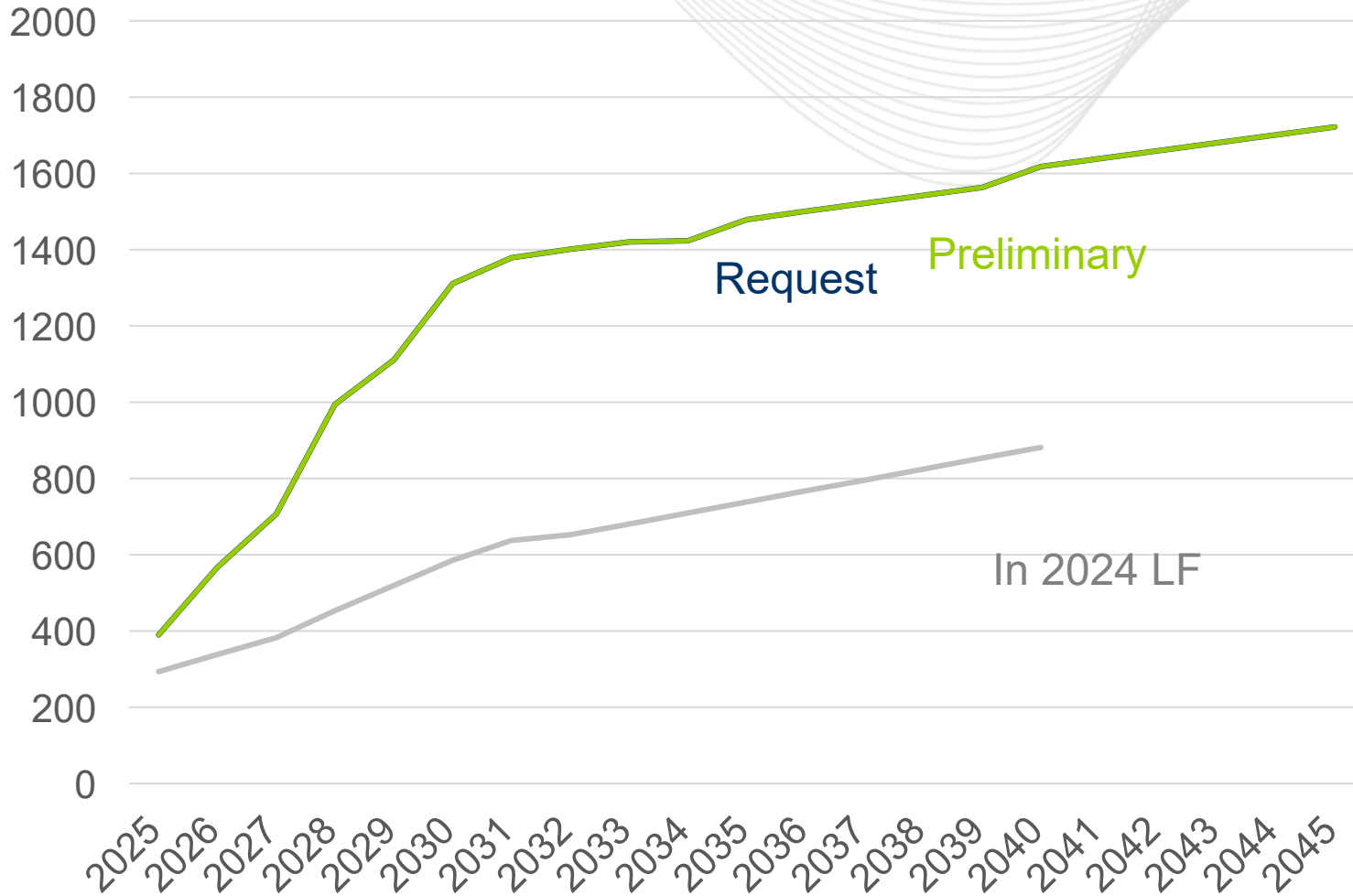
1. Request was in demand terms
2. Expansion of existing metals facility not reflected in economics
3. Two facilities (food processing and warehouse) not accepted due to combination of in-service and magnitude



1. Request was in demand terms
2. Load from planned data centers were accepted



1. Request was in capacity ask terms
2. Request and Preliminary lines show with Susquehanna BTM load



1. Request was in demand terms
2. Includes data centers and port electrification
3. Request applied confidence rate to all data center forecasts.

		Request Parameters	
Zone	Type of Customer	Capacity/Demand	
BGE	Data Centers	Demand	Accepted
PECO	Data Centers	Demand	Accepted
COMED	Data Centers/ EV Battery		
	Manufacturer	Demand	Accepted
PS	Data Centers/ Port Electrification	Demand	Accepted
APS	Data Centers	Capacity	Accepted
ATSI	Data Centers	Capacity	Accepted
PL	Data Centers	Capacity	Accepted
AEP	Data Centers	Capacity	Accepted
Dominion	Data Centers/ Voltage Optimization	Majority Demand/ ODEC Capacity	Accepted
	Steel Facility		Accepted Steel customer expansion - did not include food/warehouse request
DQE	Tunnel - Water Treatment Plant	Demand	Not approved due to size/ temporary load

SME/Presenter:
Molly Mooney,
Molly.Mooney@pjm.com

**Load Adjustment Requests Summary
for 2025 Load Forecast - Preliminary**



Member Hotline

(610) 666-8980

(866) 400-8980

custsvc@pjm.com

**PROTECT THE
POWER GRID
THINK BEFORE
YOU CLICK!**



Be alert to
malicious
phishing emails.

Report suspicious email activity to PJM.
(610) 666-2244 / it_ops_ctr_shift@pjm.com

