



Data Center Accuracy Report

Load Analysis Subcommittee
June 5, 2026

Emily Boyd
Resource Adequacy Planning

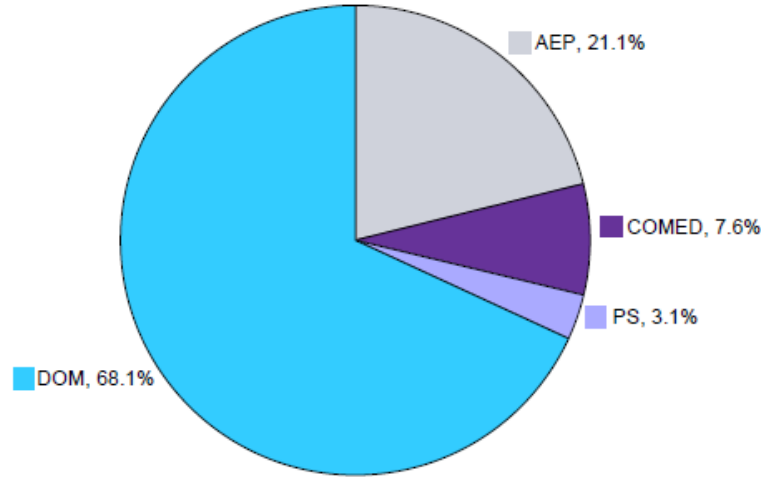
- PJM gets frequent inquiries regarding the certainty of large load adjustments
 - Forecasting has been challenging with evolving landscape
 - Input variability such as ramp rate, firm vs. non-firm load, etc.
- In an effort for more transparency, PJM will post an accuracy report of data center portion of Long-Term Load Forecast every May

- Actual data center load data compiled from historical large load data submitted by EDCs/LSEs in Large Load Adjustments for 2026 Load Forecast
- Prior PJM Long-Term Load Forecasts compiled to compare to actual data center load data
 - Note: this may include more than just data centers

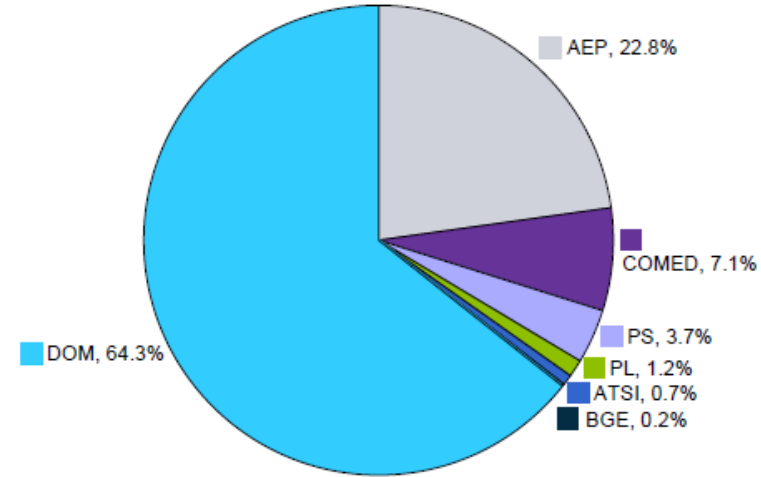
Actual Peak

2025 Forecast

Actual July Peak – as provided by EDCs/LSEs through historical large load data



July 2025 Load Forecast Peak – from Table B9b of PJM 2025 Load Forecast



Load Per Zone (MW)														
	AEP	APS	ATSI	BGE	COMED	DAYTON	DOM	DQE	JCPL	METED	PECO	PEPCO	PL	PS
Actual Peak	1,726	0	0	*	623	0	5,563	0	0	0	0	0	0	255
2025 Forecast	1,761	8	56	12	546	0	4,970	0	0	0	0	0	93	289

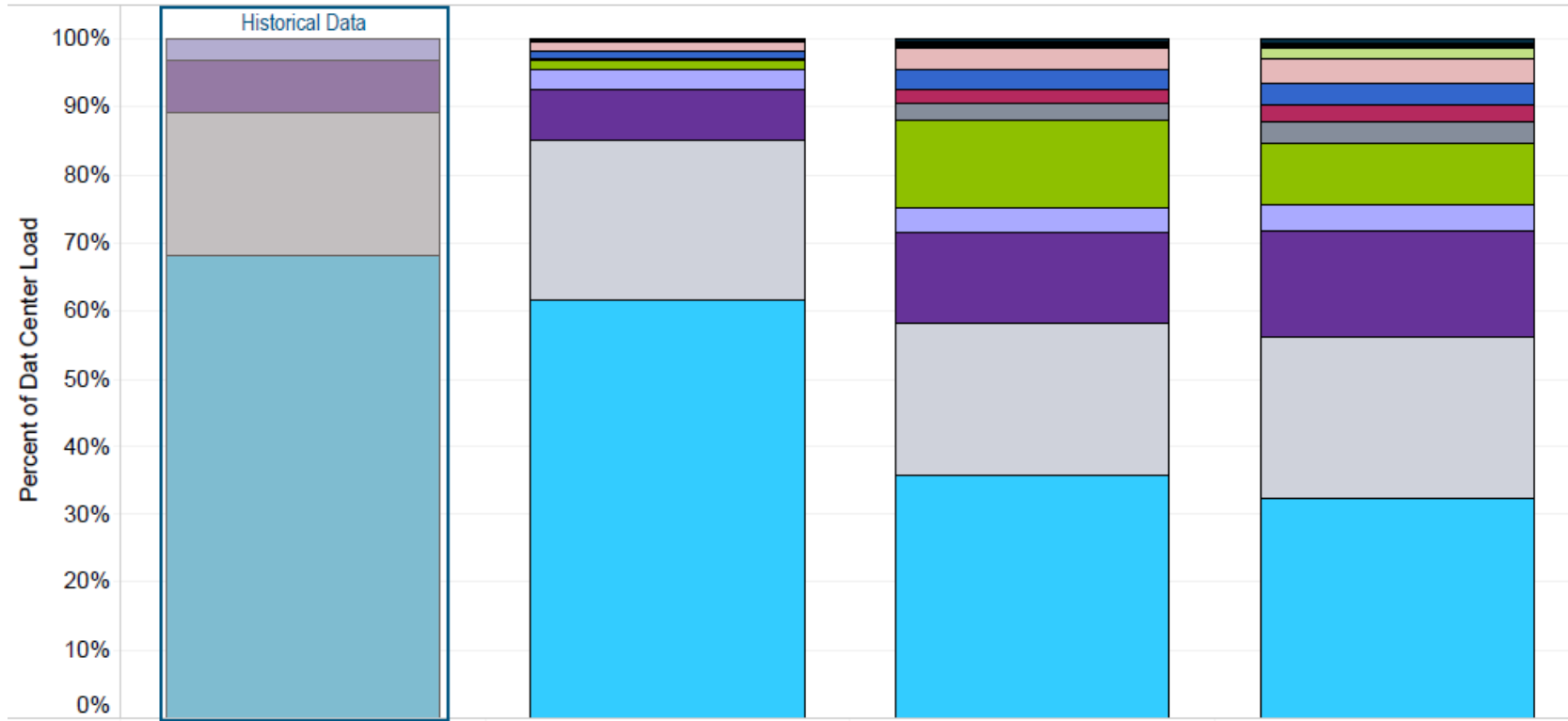
* This data is not shown due to being attributable to a single large load customer.



Distribution of Large Load Adjustments at July Peak

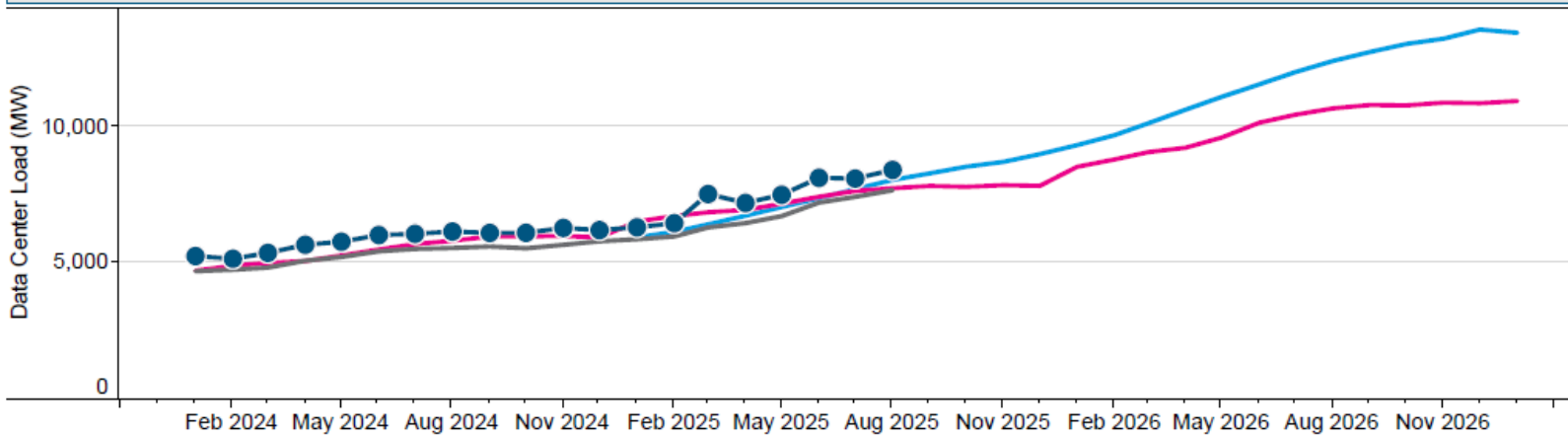
2025 Historical Data – as provided by EDCs/LSEs through historical large load data

July Load Forecast Peak – from Table B9b of PJM 2026 Load Forecast



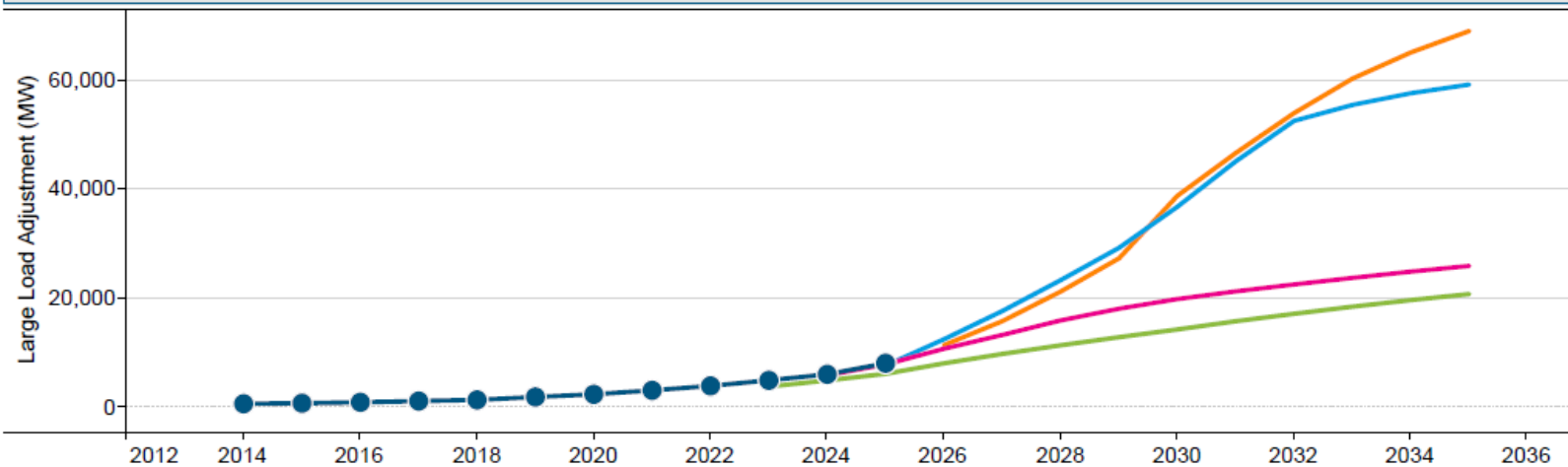
	DOM	AEP	COMED	PS	PL	DAYTON	PECO	ATSI	APS	PEPCO	JCPL	METED	DQE	BGE
2025	68.1%	21.1%	7.6%	3.1%										
2026	61.6%	23.5%	7.7%	2.7%	1.6%	0.0%	0.1%	1.1%	1.4%	0.0%	0.0%	0.0%	0.0%	0.2%
2030	35.8%	22.3%	13.3%	3.7%	12.9%	2.5%	2.1%	2.9%	3.1%	0.4%	0.2%	0.2%	0.1%	0.5%
2035	32.5%	23.6%	15.6%	3.8%	9.1%	3.3%	2.5%	3.1%	3.8%	1.4%	0.4%	0.3%	0.1%	0.5%

Monthly Data Center Load Peak



- **Actual Monthly Peak** – from historical large load data
- **Average Daily Peak by Month** – from historical large load data
- **Load Forecast Monthly Peak** - from 2024 and 2025 PJM Load Forecasts

Annual Summer Large Load Adjustment



- **Actual July Peak** – from historical large load data
- **Load Forecast July Peak** - from 2023 thru 2026 PJM Load Forecasts

█ Average Daily Peak by Month
 ● Actual Monthly Peak (top); Actual July Peak (bottom)
 Load Forecast: █ 2023 █ 2024 █ 2025 █ 2026

- Report includes dashboards similar to previous chart for each PJM Zone/EDC/LSE that has submitted Large Load Adjustments for PJM Load Forecast
 - Historical peak values only available if historical large load data has been submitted by the EDC/LSE
 - Any PJM Load Forecasts that included a Large Load Adjustment for that Zone/EDC/LSE are shown on the Annual July Peak chart
- Data behind Annual July Peak chart is also posted in Excel file on Load Forecast webpage

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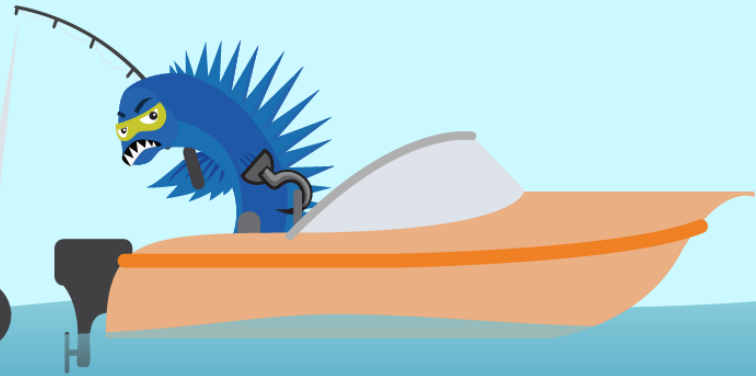
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POWER GRID**

**THINK BEFORE
YOU CLICK!**



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EMAILS**



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Call (610) 666-2244 or email it_ops_ctr_shift@pjm.com**