



AES Ohio 2027 PJM Large Load Adjustment Request

Load Analysis Subcommittee

September 21, 2026



Background

AES Ohio large-load adjustment submission for the 2027 PJM Load Forecast

DAY Zone | Ohio

9 planned data centers

6,485 MW by 2032

Zone and State

DAY Zone
State of Ohio

Customers included

9 data center sites
No large-scale data centers currently
operating

Submission scale

6,485 MW cumulative installed
capacity by 2032
No co-located / behind-the-meter large
loads

Changes from prior submission

- Updated portfolio to nine large-load customers.
- Annual DAY capacity rises from 75 MW in 2027 to 6,485 MW in 2033 and remains level through 2047.
- No cancelled, delayed, or withdrawn projects.

Methodology Details

Evaluation framework, load characterization, and RERRA review

- 1 Customer evidence** Binding electric service obligations and construction commitments included in executed MOUs, CSAs and ESAs which include financial commitments.
- 2 Project milestones** Siting and permitting, deposits or collateral, system studies, transmission need, in-service timing, and ramp to maximum demand.
- 3 Load treatment** Network-connected hyperscaler data centers; customer-provided monthly ramps; July used for capacity and demand values.
- 4 Firmness and utilization** Company planning for all Data Centers to be Firm load at approximately 80% load factor; detailed hourly shapes unavailable.
- 5 RERRA process** PUCO Staff engagement occurred August 10; Preliminary information and template provided to PUCO Staff August 25; Staff feedback and Letter provided August 31; Company responded to Staff clarifying questions on September 3.

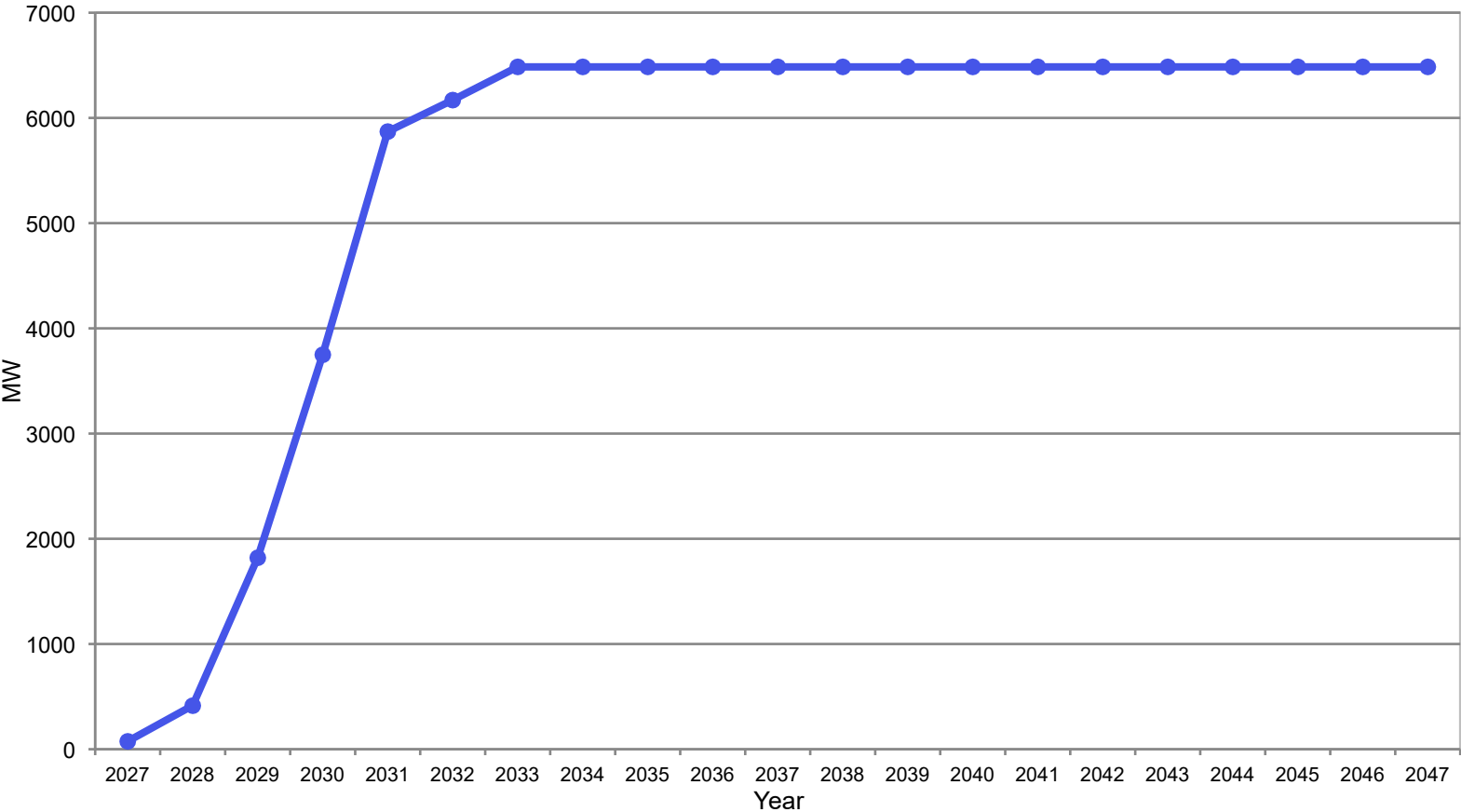
Planned Large-Load Portfolio

Nine network-connected hyperscaler data center sites

Customer	Milestone	MW
1	Electric Service Obligation (ESO)	1,500
2	Construction Commitment (CC)	500
3	Electric Service Obligation (ESO)	135
4	Electric Service Obligation (ESO)	400
5	Memorandum of Understanding (MOU)	300
6	Construction Commitment (CC)	1,400
7	Memorandum of Understanding (MOU)	800
8	Memorandum of Understanding (MOU)	1,300
9	Other	300

Request Details

DAY Zone cumulative summer peak, capacity and demand



6,485 MW

Maximum submitted load

2027 75 MW

2029 1,820 MW

2031 5,870 MW

2033 6,485 MW

Capacity and demand values are identical in the submitted annual summary.

Historical Data and RERRA Review

Context accompanying the large-load request

Historical load data

- DAY hourly load data for 2026 is included.
- No large-scale data centers were operating in AES Ohio service territory at submission.

Expected load shape

- Large-load customers are expected to operate at greater than 80% load factor.
- Customer-specific hourly shapes were not available.

RERRA review timeline

