

# ODEC Large Load Adjustments

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# About ODEC

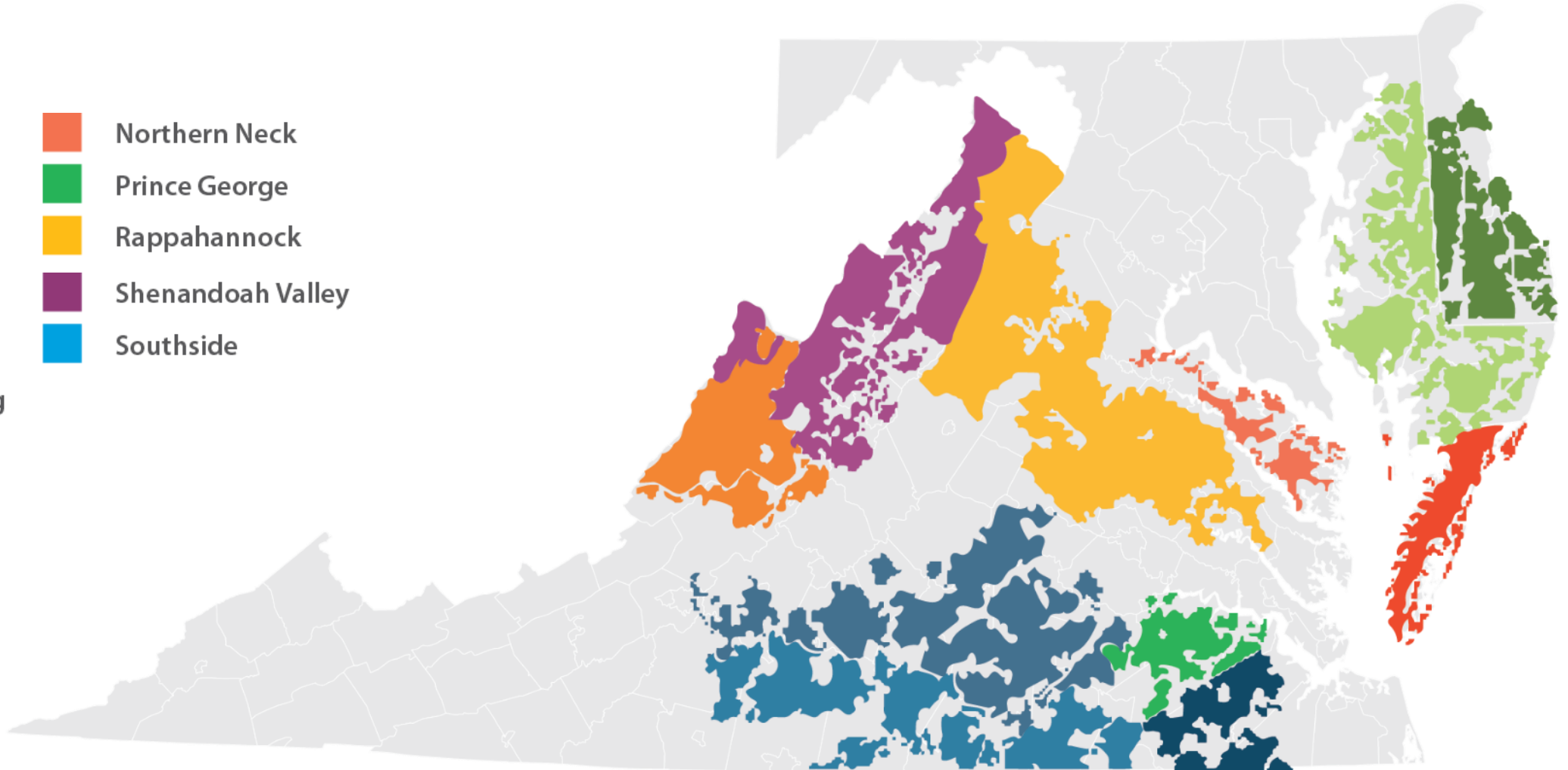
Old Dominion Electric Cooperative is a member-owned, not-for-profit wholesale generation and transmission electric cooperative.

ODEC supplies power for 11 not-for-profit retail distribution cooperatives in Virginia, Maryland and Delaware, serving 1.5 million people.



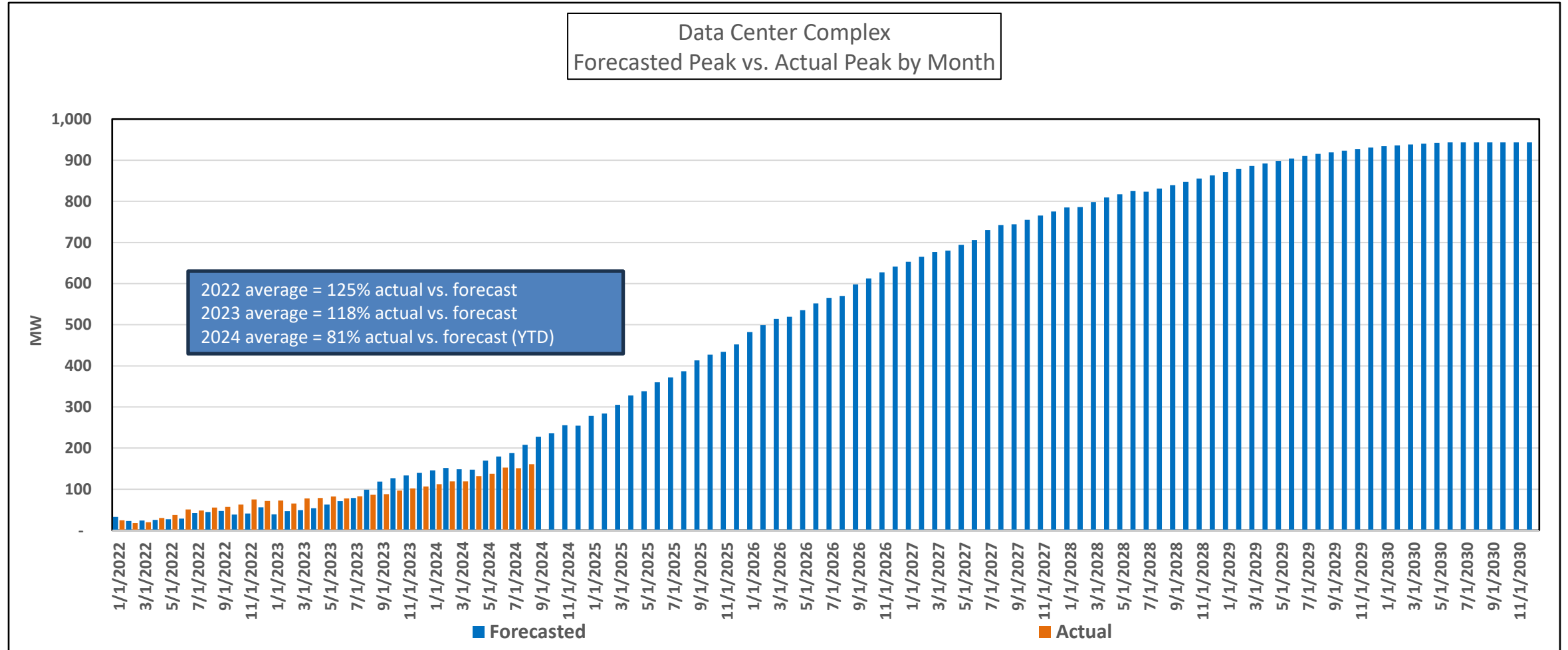
# ODEC's Membership Territories

- |   |             |   |                   |
|---|-------------|---|-------------------|
|  | A&N         |  | Northern Neck     |
|  | BARC        |  | Prince George     |
|  | Choptank    |  | Rappahannock      |
|  | Community   |  | Shenandoah Valley |
|  | Delaware    |  | Southside         |
|  | Mecklenburg |   |                   |

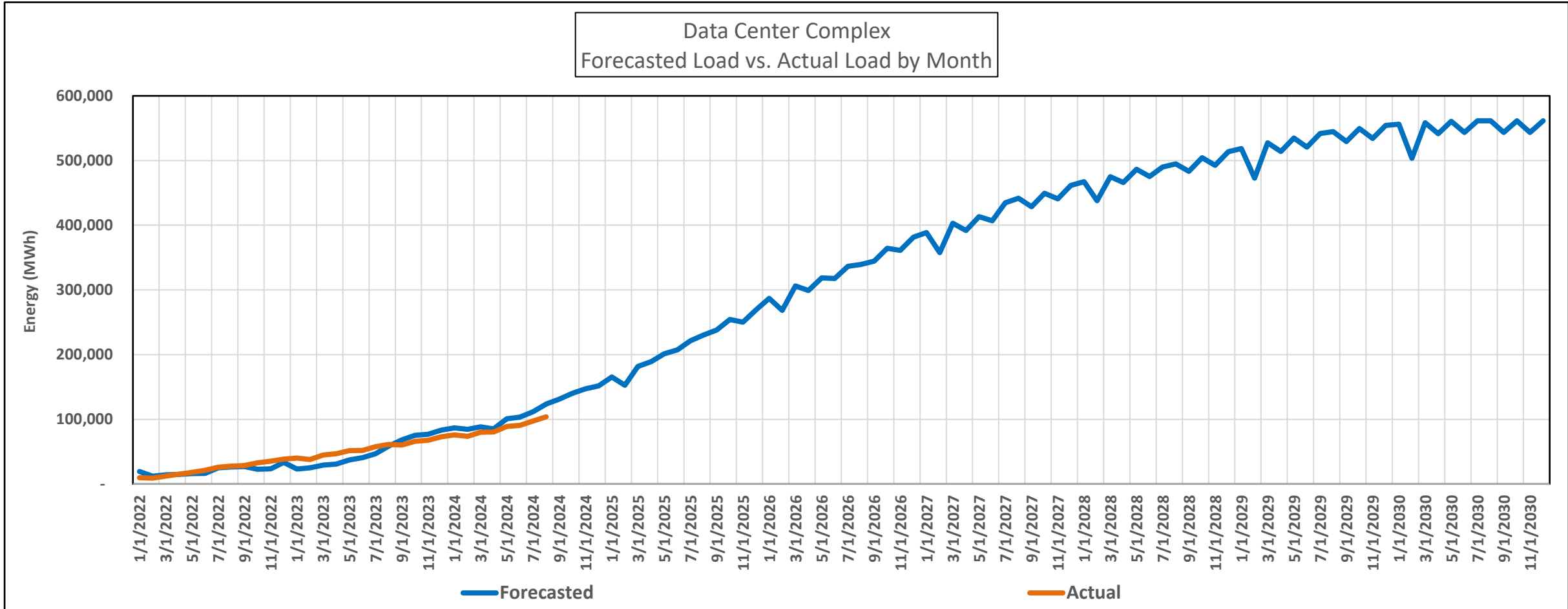


# ODEC Historical Data Center Load

# Historical Data Center Load - Demand (MW)

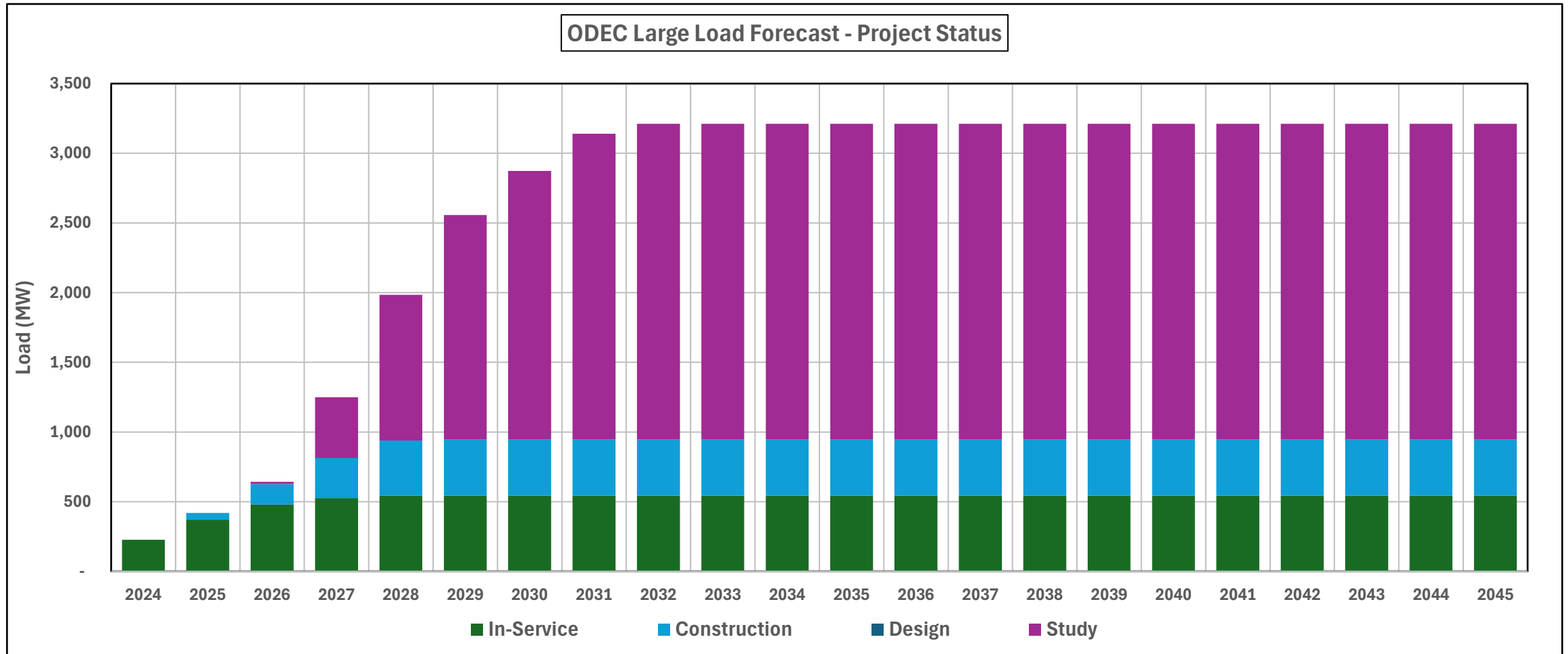


# Historical Data Center Load - Energy (MWh)



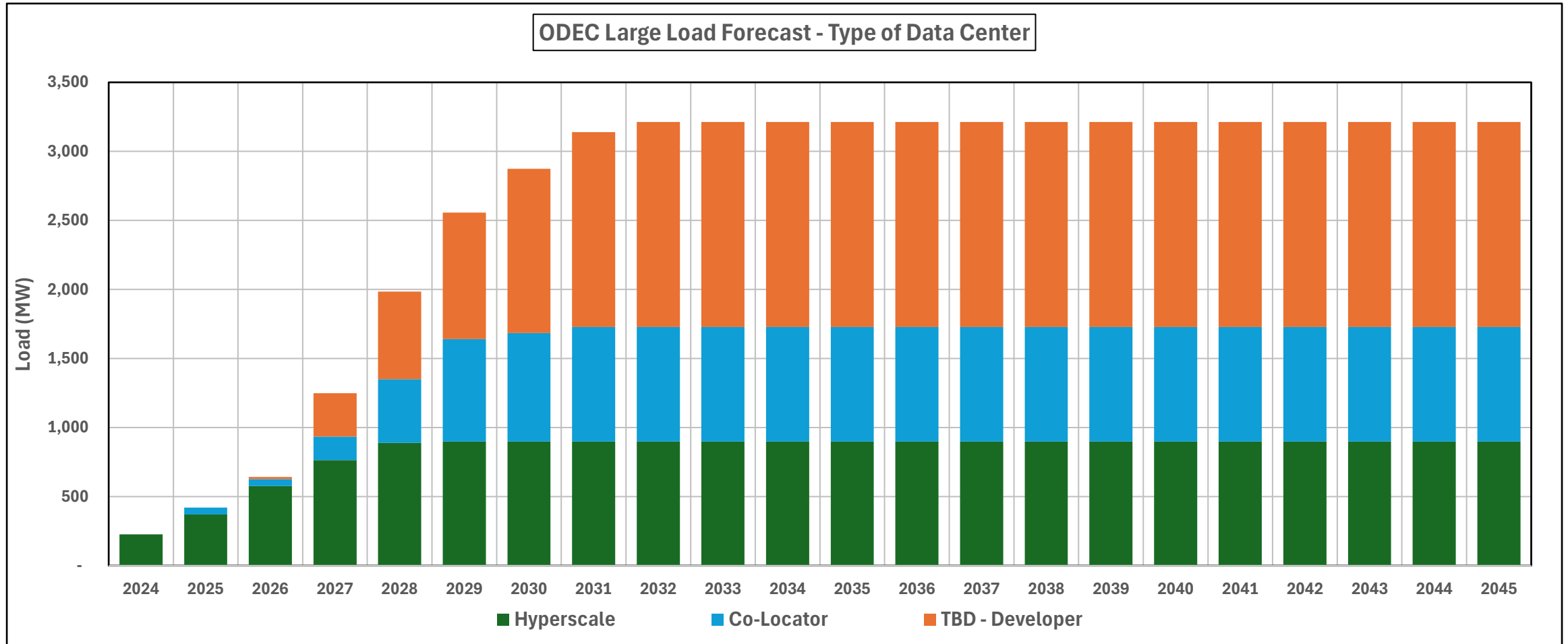
# ODEC Large Load Forecast

# ODEC Large Load Forecast (3,212 MWs) – Project Status

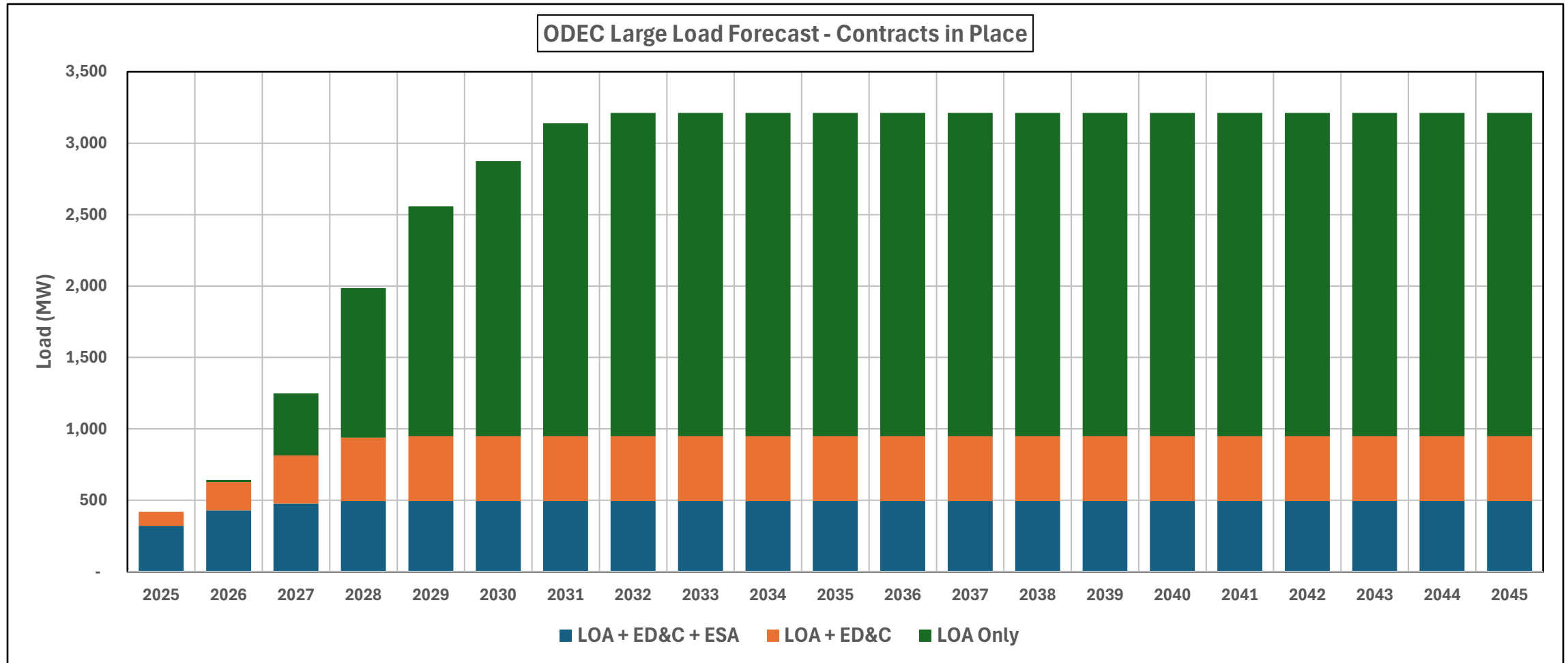




# ODEC Large Load Forecast – Type of Data Center



# ODEC Large Load Forecast – Contract Agreements



LOA = Letter of Agreement

ED&C = Engineering, Design, and Construction (Procurement)

ESA = Electric Service Agreement

# ODEC Large Load Forecast Methodology



# ODEC Large Load Forecast Methodology

1. ODEC reviews delivery point load requests monthly
2. To prepare for the annual PJM large load adjustment submission, ODEC meets with its member distribution cooperatives to review each individual delivery point request to discuss project specifics
  - Determine financial commitments made by the end use customer
  - Identify contracts that are in place
  - Discuss other quantitative/qualitative factors to forecast the likelihood of the project
3. Using the information identified in step 2, ODEC selects the projects to include in the submission to PJM
  - 30% (~950 MW) of ODEC's total submission are projects currently in-service or under construction
  - Additional projects were included that met the qualifications outlined in PJM Manual 19b
  - ODEC's submission to PJM represents approximately 25% (in terms of MWs) of the delivery point requests already submitted or are anticipated to be submitted soon
4. ODEC uses the load ramp provided by the member (by way of the end use customer) and assumes monthly smoothing
5. ODEC meets with member cooperatives and TOs to verify that projects are not double counted