

Public Service Company of Oklahoma

Oklahoma Corporation Commission Southwest Power Pool Discussion

June 18, 2025

2024 IRP: 5-Year Action Plan

- ① Evaluate responses to 2023 All-Source RFP
- ② Pursue pre-approval of the purchase of the Green Country Facility
- ③ Pursue opportunity to continue operations of the Northeastern Unit 3 using natural gas
- ④ Implement cost effective energy efficiency and demand response programs
- ⑤ **Monitor and evaluate changes to SPP Resource Adequacy requirements as more information becomes available and issue subsequent RFPs as needed**
- ⑥ **Evaluate and implement steps as needed to ensure a sufficient pipeline of resources**
- ⑦ Closely follow environmental regulations and update analysis of compliance options and timeliness

SPP Resource Adequacy

Requirement

As a Load Responsible Entity, PSO is required to meet SPP's Resource Adequacy Requirement.

Planning Criteria

2025 Planning Criteria sets the Summer Base Planning Reserve Margin (PRM) at 15%.

Reporting

Each February, LREs are required to submit a Workbook to provide their status of compliance.

Evaluation

SPP conducts a post-season analysis to compare each LRE's actual summer season peak demand to the LRE's forecast peak demand.

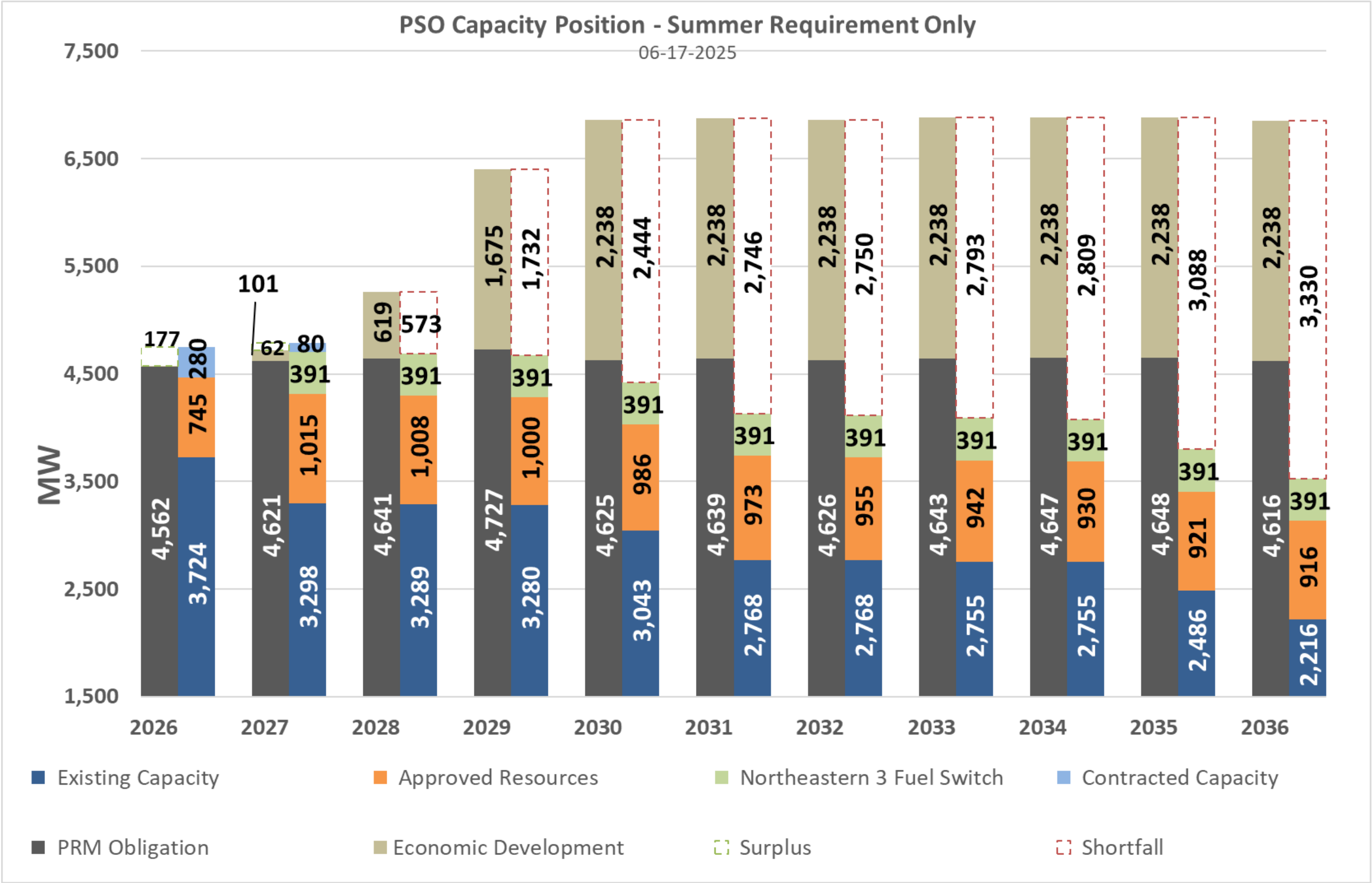
Preventing Load Shed Events

Strategies for Ensuring System Reliability and Resource Adequacy:

- PSO maintains a diverse mix of generation resources to ensure adequate supply under varying demand conditions.
- The annual accreditation process assesses the ability of generation resources to meet resource adequacy requirements.
- PSO is in continuous communication with SPP to ensure the accuracy of real time models and transmission assessment tools and make sure the tools are in perfect alignment.
- PSO and SPP perform advanced studies to assess system conditions for all known generation and transmission outages up to the time of the outage execution starting. The studies are also done in real time to ensure that all possible stability, voltage, and thermal contingencies resulting from unplanned outages are identified with a developed plan (generation redispatch, system reconfiguration or load shed) ahead of the unplanned outage occurring.
- PSO conducts ongoing assessments to align system capacity with expected future demand.



Demand is Increasing



Economic Development & Growth

PSO is supporting investment and job creation in Oklahoma:

- PSO currently has over 2,000 MWs of new load under Letter of Agreement. This load represents new or expanding customers who are already investing in engineering and site development.
- In addition, the \$4 billion Emirates Global Aluminium smelter has announced to be located at the Port of Inola. The project is expected to bring 1,000 jobs to Oklahoma.
- PSO will file a case for preapproval of generation projects selected from the 2023 All-Source RFP later this year.
- Additional generation investment will be required to secure economic development prospects, which value generation availability and speed to market.
- PSO plans to release a new Request for Proposals within the next year to meet customer demand.



What can the Commission do?



Move at the speed of business.



Encourage new generation.



Protect Oklahoma's
affordability and reliability.

Questions?