

SPP RESOURCE ADEQUACY AND RELIABILITY



Load Growth



SPP Resource Adequacy Policy

SPP Resource Adequacy Policy Changes

Seasonal Planning Reserve Margin (PRM)

 SPP implemented a deficiency payment associated with a winter season PRM effective Winter 2025/26 season

PRM Changes to Date

- SPP's PRM changes require Load Responsible Entities to carry additional reserve capacity above its forecasted load
- Summer 2023 increase from 12% to 15%
- Summer 2026 increase from 15% to 16%
- Summer 2029 increase from 16% to 17%
- Winter 2025/26 increase from 12% to 15%
- Winter 2026/27 increase from 15% to 36%
- Winter 2029/30 increase from 36% to 38%

SPP Resource Adequacy Policy Changes

Resource Availability Policy

- SPP has implemented a policy that addresses the availability of resources in the Summer and Winter Seasons.
- This policy limits the ability for resources to take outages for maintenance in these two Seasons based on the SPP's needs and ability to accommodate the outage.

Resource Accreditation Policy Changes

· SPP has changed its resource accreditation policies for all resources including thermal and renewable resources. These policy changes will all change the current value of OG&E's accredited resources and add to its needed capacity as soon as 2026. Additionally, SPP is also developing changes to its demand response accreditation policy.

Future PRM changes

 There is an additional anticipated PRM increase for summer 2030 and winter 2030/2031 expected to be approved in 2026 that could again add to an LREs resource need.



Impacts to Resource Planning

Accreditation Policy

- Could have an immediate impact on LRE capacity need
- Significant increase in variability of capacity needs year to year
- Resource accreditation values will change twice each year

Resource Avail. Policy



- Could limit the ability to take necessary outages
- In order to perform planned maintenance, outages may be required across part of a season, removing the ability to count the resource as capacity within that season
- Replacement capacity may be required

PRM Requirements

 Future Seasonal PRM changes will be occurring more frequently





QUESTIONS?