



Intermediate Planning

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Overview

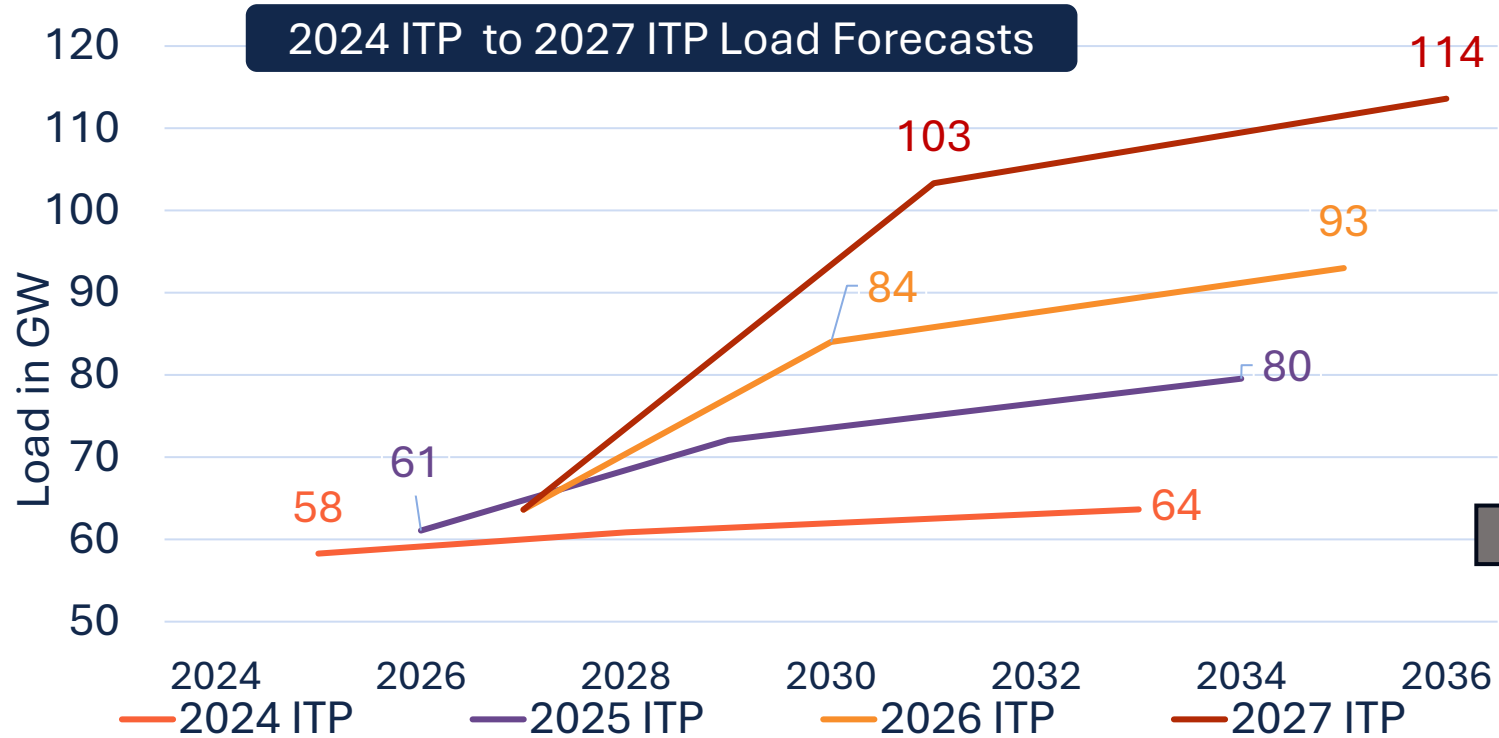
What is Intermediate Planning (IP)?

A planning process addition intended to bridge the gap between **real-time operations** and **long-term transmission planning**.

Why is Intermediate Planning needed?

Load growth has accelerated, from MWs to GW year-over-year, requiring **larger solutions** with **longer lead times**. Intermediate Planning identifies emerging operational risks, determines mitigation options to minimize load curtailment risks, and enhances economic benefits of the larger solutions.

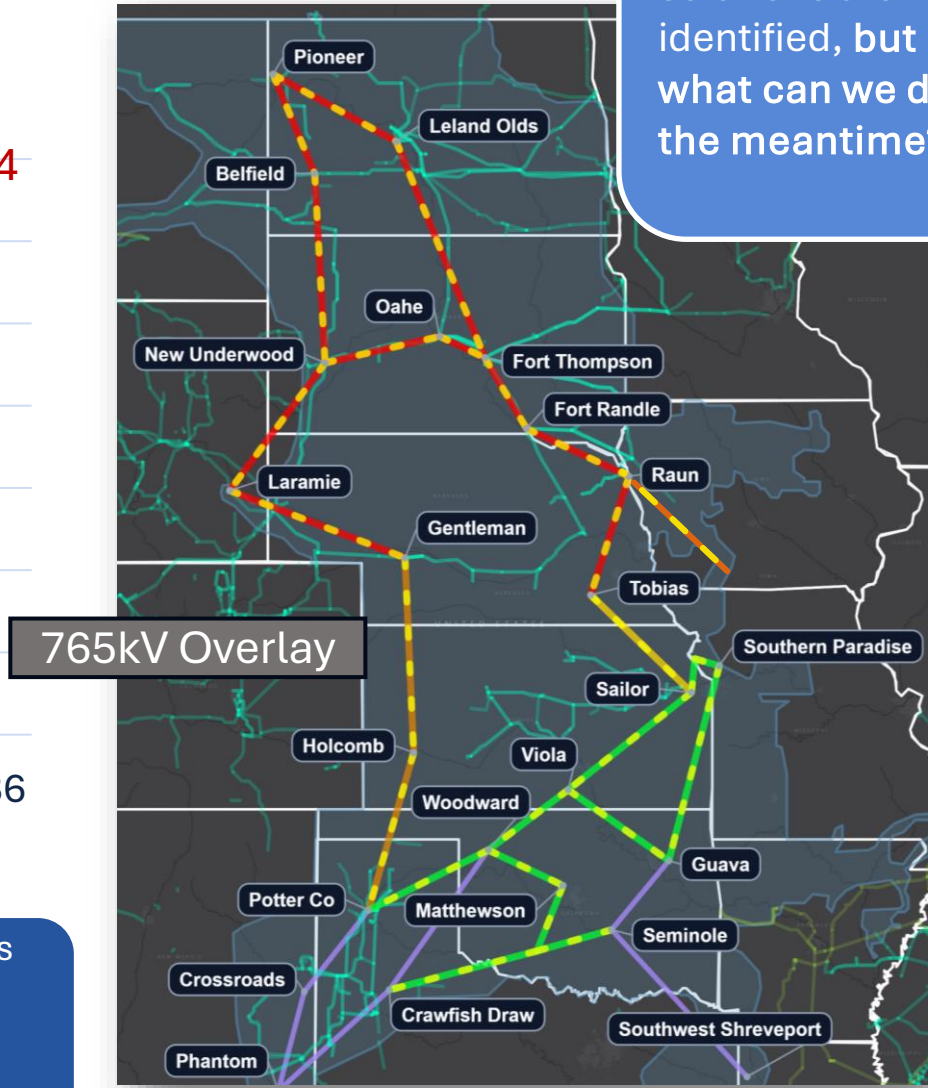
Regional Peak Forecast and Buildout



SPP's regional peak load keeps getting revised upward and sooner than expected, even as the forecasting methodology gets more conservative.
Real growth is outrunning the "conservative" case from just a year or two prior.
The load is growing *MORE* and *FASTER*.

- 20-year overlay or sooner
- Next 1-3 ITP cycles NTC candidates
- 2026 ITP NTC candidate
- 2024 and 2025 ITP approved

The long-term solutions are identified, but what can we do in the meantime?



Map is for illustrative purposes only, shows general line-of-sight connectivity, and does not represent or determine final transmission routing.

Where Intermediate Planning Fits



GETs: Grid Enhancing Technologies

- How can we best utilize our EXISTING transmission system?

Upgrade substation equipment
(including equipment replacement, relay settings, CT tap settings, etc.)

Advanced conductors

Opportunities for partial NTC acceleration when feasible

Flow control devices
(temporary or permanent deployment)

Reactive support

Storage As Transmission Only Assets

Clearance mitigation
(phase raisers, pole replacement, grading, etc.)

Objectives of Current Intermediate Planning Policy Efforts

Establish the Intermediate Planning study processes that facilitate NTC issuance within the Tariff

Establish cost allocation within the Tariff

Establish a study manual with information pertinent to the Intermediate Planning Studies

Path to Implementation

