



California ISO

Decision on Southwest Intertie Project – North participating transmission owner application (Great Basin)

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ISO Board of Governors meeting

General Session

October 4, 2024

Background

- Southwest Intertie Project – North from Midpoint, Idaho to Robinson Summit, Nevada connecting to the One Nevada Line to reach Harry Allen, Nevada
- Conditionally approved by the Board in December 2023
 1. Idaho Power filing and receiving approval for its Southwest Intertie Project-related case from the Idaho Public Utilities Commission by September 30, 2024;
 2. The CPUC reaffirming the need for Idaho wind in its 2024-2025 Transmission Planning Process portfolio decision;
 3. Great Basin Transmission, LLC, declaring its intent to become a Participating TO by July 1, 2024, submission and approval of its application; and
 4. The FERC's acceptance of Great Basin Transmission's Transmission Owner Tariff and a transmission revenue requirement rate structure.

Changes from December 2023

1. Idaho Power
 - a. Idaho Power has not filed with the Idaho Public Utility Commission yet
 - b. Department of Energy has signed a Facilitation Agreement to fund Idaho's potential share of 22.831% with the intent to allow Great Basin to commence the project sooner and then sell the rights to a utility
2. CPUC confirmed the need for Idaho wind in the 2024-25 TPP
3. Great Basin submitted its application to be a Participating TO by July 1

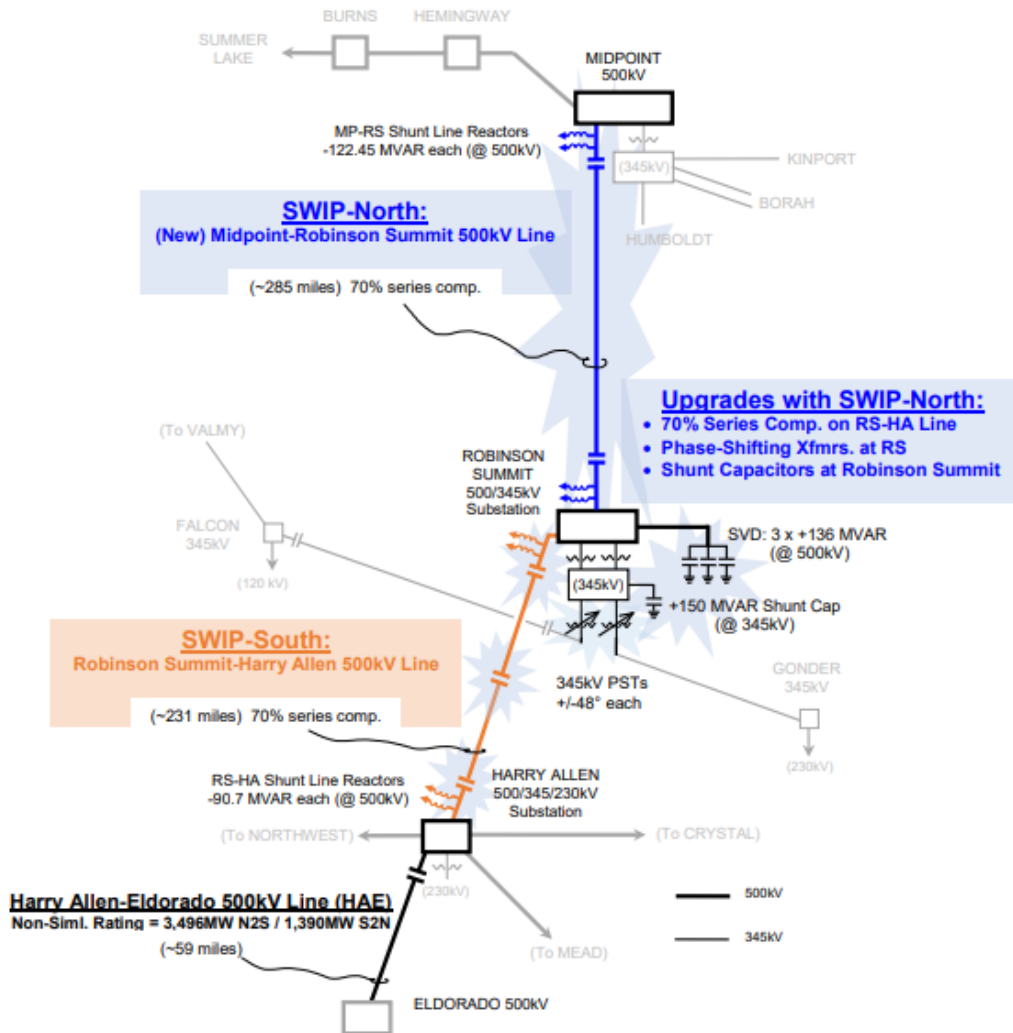
Southwest Intertie Project - North

The project consists of:

- 500 kV transmission line
- 500/345 kV phase shifting transformers and shunt capacitors at Robinson Summit, and
- series compensation for both line segments

WECC approved the path rating of the project

- 2,070 MW (North to South)
- 1,920 MW (South to North)



The tariff and transmission control agreement provide a specific process to become a participating transmission owner

- ✓ Transmission owner must submit an application to the ISO
- ✓ Application must be posted on ISO website for public comment
- ISO Board of Governors must authorize the ISO's acceptance of the application
- ❖ Transmission owner must execute the transmission control agreement
- ❖ Upon FERC approval and transfer of operational control, the transmission owner becomes a participating transmission owner

Discussion and analysis

- Great Basin Transmission, LLC met the transmission control agreement criteria to become a participating transmission owner
- Southwest Intertie Project – North is the only known transmission project that would provide California load serving entities with Idaho wind by 2027
- Other economic benefits contribute to the overall value provided by the project
- To provide transparency, Great Basin Transmission, LLC will participate in the Transmission Development Forums and the ISO will publish the costs spent and estimated cost to completion on its website

Management recommends that the Board approve the ISO's acceptance of Great Basin Transmission LLC's application

- The participation is critical to enabling Idaho wind to reach California consistent with the CPUC's 2024-2025 "Preferred System Plan"
- Great Basin Transmission LLC's application was posted on the ISO website for 60 days for public comment
- The stakeholder process concluded on August 23, 2024 and no comments were received

Management seeks two approvals

- Revise the first condition to allow the U. S. Department of Energy as an alternative to the contractual arrangement with Idaho Power for the 22.831% of the northbound transmission
- Approval of Great Basin Transmission, LLC application to become a participating transmission owner