

PCDS Meeting

Jon Jensen

WECC

Anuj Patil

WECC

Andrew Fay

WECC

**Electric Reliability
& Security for the West**

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Updates since the published v3.1 case from June 2025

- 01-Path 27 Min Flow Nomogram Fix.mdb - Nomogram coefficient fix for Path 27 components.
- 02-Diff Hydro Updates-Automatically_Calculate_K_and_p_Factors.mdb - Various K&P factors updated from PNNL
- 03-Diff Generator Type Corrections.mdb - Radiance Solar and Raft River generator type corrections
- 04-Diff Hydro Monthly Vars - Dispatch Cost.mdb - Dispatch cost updated for hydro units
- 05-Diff-Path 65 Ownership-Disable Pole Balancing.mdb - Ownership and Pole Balancing update for Path 65
- 06-Diff Generator Type Corrections-Comanche 2.mdb - Comanche 2 generator type correction
- 07-Diff Arroyo Storage 1 PV-Dispatch Cost.mdb – Dispatch cost updated for Arroyo storage unit
- 08-Diff VEA_GenDist_Core.mdb - Updates generator distribution table to not move VEA units to new VEA topology because the upgraded VEA topology is not in the core case
- 09-Diff_InterfaceDefinition_cleanup.mdb - Deletes all the interfaces from the InterfaceGeneral and InterfaceMonthlyLimit tables which do not have any branches associated with them in the InterfaceAssignments table.
- 10-Diff_Renewables_Retirement_Extensions.mdb - Extended the retirement dates for solar and wind units which are currently operational but retiring before 2034, to beyond 2034. This is to meet the unserved load in some of the areas.

Updates since the published v3.1 case from June 2025

- 11-Diff_Thermal_VARMarginRatio_updates.mdb - This change case updates the VARMarginRatios for all thermal units which had a VARMarginRatio of less than 0.94, to at least 0.94. This is to increase the thermal generation to meet the unserved load in some of the areas.
- 12-Diff-TBC Losses.mdb - Updates the reactance of the Transbay cable DC line.
- 13-GenSubtypeUpdatesV2.mdb- Fixes Generator Subtypes that were mismatched or incorrect
- 14-Diff_SWIP_Updates_Interfacefixes_v2.mdb - Includes recent updates to the SWIP North and SWIP South projects. These include changes to impedances of SWIP North and status' of SWIP South branches
- 16-Diff_Existing_WOCN_InterfaceRatingUpdate.mdb - Updates the West of Cascades North (WECC Path 04) rating because of the impacts of the Evolving Grid Project
- 17-DiamondHydro_8HrBESS_V3.mdb-Changes Diamond Valley Pump-Gen to Hydro, updates 8-HR BESS units to deploy to 8-hours instead of 4-hours
- 18-Pump Storage Hydro - Duration.mdb - Updated pumped storage duration to 2032 ADS values or 20-hours
- 19-19-Diff_Yellowstone_County_ICE_PMax_update.mdb - Fixes Pmax for the aggregated Yellowstone IC units.
- 20-Diff Kemano Hydro Monthly Variables.mdb - Updates hydro monthly variables for Kemano 1 HY. Case uses a given schedule (profile).

Updates since the published v3.1 case from June 2025

- 21-Diff Long Duration Storage 10 hours.mdb - Fixes Long Duration Energy Storage duration to 10 hours
- 22-2025-07-10_Clearwater Wind Correction to PF and EIA Capacity and buses_TB_Updated2.mdb – Fixes the topology configuration and capacity of the Clearwater wind units.
- 23-Diff_EG1_WOCN_InterfaceRatingUpdate.mdb - Updates the West of Cascades North (WECC Path 04) rating assuming the impacts of the Evolving Grid Project after its phase 1 completion.
- 24-Diff_EG2_WOCN_InterfaceRatingUpdate.mdb - Updates the West of Cascades North (WECC Path 04) rating assuming the impacts of the Evolving Grid Project after its phase 2 completion.
- 25-Cleanup8-8-2025.mdb - Minor Cleanup involving bus types, Generator maintenance and emissions
- 26-Diff Hybrid PVS PV-BA.mdb - Moves PVS BA units (at Walla Walla, Yakima and Willamette Valley) to the same bus as the corresponding PV units.
- 27-Diff-CarsonCC Bus.mdb - Moves CarsonCC unit to the correct area (from AESO to CISC). No changes in distribution table.
- 28-Diff Hybrid Unit Bus Matching.mdb - Moves BA units to match the bus of their corresponding renewable generation (including hybrid units)
- 29-Ownership Duplicates – Fixes the duplicate records of owners in the Ownership tables.
- 30-TWE PF_7-2-2025 – Enables the TransWest Express project which was originally turned off in the core case. This was originally an optional case but now will be moved to the core case folder.

Updates since the published v3.1 case from June 2025

- Last remaining updates from PNNL for the GeneratorList, ReserveDistribution and GeneratorDistribution tables.

Transition to 2036 ADS

- WECC planning on sunseting the 2034 ADS cycle and moving to 2036 ADS cycle.
- Any new changes to the 2034 ADS cycle can be recorded as one-off change cases although no new case to be published.



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WWW.WECC.ORG | (801) 582-0353



155 N 400 W, Salt Lake City, UT 84103, USA