WECC

PCDS Meeting

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WECC

Electric Reliability
& Security for the West

September 16, 2026

Items

- Hourly resource profile naming convention
- Hydro Review
  - Libby, Hungry Horse, Dworshak, Albeni Falls review
  - 19 NW units review
  - NW hydro operating range process update
- 2036 ADS deadline
- Latest draft case overview
  - Results of latest draft case
  - TWE review
  - PACE and Rocky Mountain maintenance check in Fall and Winter
- Change case numbering and order, and text file of descriptions
  - Updated on PCDS Team Site in the V3 change cases folder

Hourly Resources Profile Naming Convention

- Hourly resource profile naming convention
  - PV_ PVType _PlantName_Pnameplate _EIAnumber_WeatherYear for PV project
    - PV-F, Fixed
    - PV-T, Tracking
  - WT_TurbineType_PlantName_Pnameplate_EIAnumber_WeatherYear for Wind Projects
    - Turbine Type:
      - Actual: Act,
      - Future Low Wind Area: LWD,
      - Future High Wind Area: HWS
  - For future plants without EIA number, replace with State_BA_Lat_Long xx.xxxx format for Lat, xx.xxxx format for Long

Operating Range Review

- Number of weeks the daily op range is equal to Pmax-Pmin

Plant Name	Number of Weeks (DailyOpRange = MaxGen - MinGen)
Albeni Falls HY 1 HY	52
Bonneville	50
Chief Joseph	51
Dworshak HY 1 HY	36
Grand Coulee	52
Hungry Horse 1 HY	49
Ice Harbor	53
John Day	53
Libby HY 1 HY	50
Little Goose	53
Lower Granite	52
Lower Monumental	53
McNary	53
Priest Rapids	46
Rock Island	52
Rocky Reach	52
The Dalles	53
Wanapum	50
Wells	52

Capacity Review

Modeled as aggregate
All modeled as plant level
All in distribution table

	EIAM 860 Plant Capacity			PNNL Max from Weekly Hydro Table
Libby	525		Libby HY 1 HY	625.4
Hungry Horse	428		Hungry Horse 1 HY	503.4
Dworshak	465		Dworshak HY 1 HY	577.0
Albeni Falls	42		Albeni Falls HY 1 HY	54.8

Capacity Review

Generator Name	PNNL Hydro Data (PMAX)	EIA 860M March 2026 Capacity	Diff
Albeni Falls HY 1 HY	54.8	42	12.8
Bonneville	1154.5	1162	-7.5
Chief Joseph	2421.3	2456.2	-34.9
Dworshak HY 1 HY	577.0	465	112.0
Grand Coulee	4384.9	6809	-2424.1
Hungry Horse 1 HY	503.4	428	75.4
Ice Harbor	648.0	603	45.0
John Day	2138.8	2160	-21.2
Libby HY 1 HY	625.4	525	100.4
Little Goose	822.3	810	12.3
Lower Granite	821.3	810	11.3
Lower Monumental	862.4	810	52.4
McNary	1131.5	990.5	141.0
Priest Rapids	843.6	950	-106.4
Rock Island	551.0	629.4	-78.4
Rocky Reach	1265.5	1349.2	-83.7
The Dalles	2028.5	1826.2	202.3
Wanapum	1021.8	1220	-198.2
Wells	833.0	866.8	-33.8

2036 ADS LNR – Draft

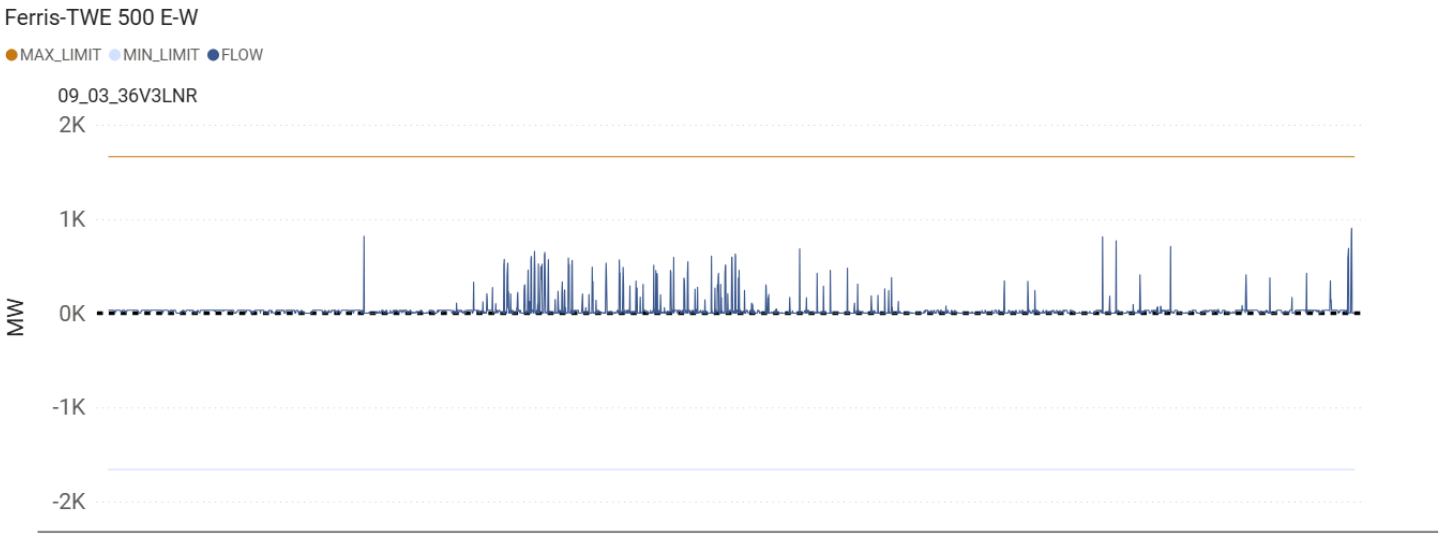
9-3-2026

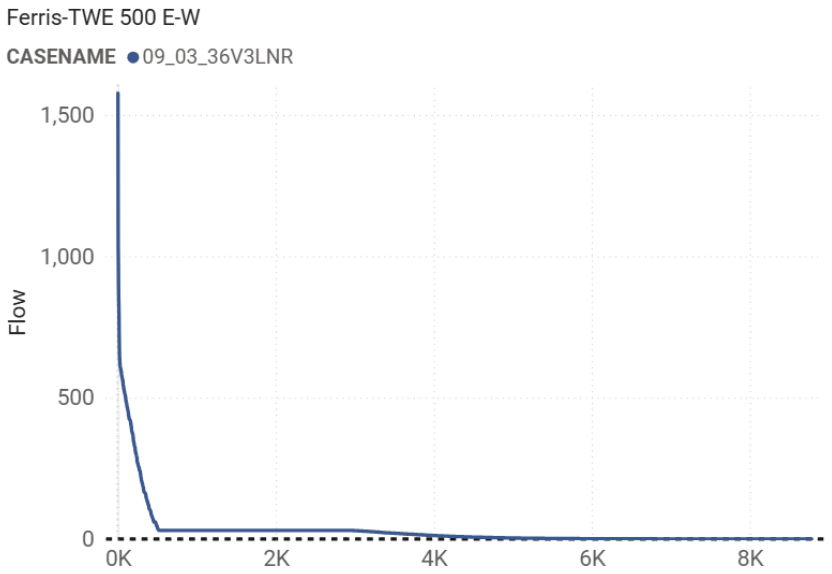
Latest Draft Case – 9-3-2026

- Updates:
  - Fixed negative losses (Also fixed the flow on the TBC)
    - Dist Ref Bus weightings update to load of bus
    - DC bus R and X values updated from pu to actual Ohms
  - Updated white pine ps plant info
  - Updated Bus lat long and EIA info from PNNL

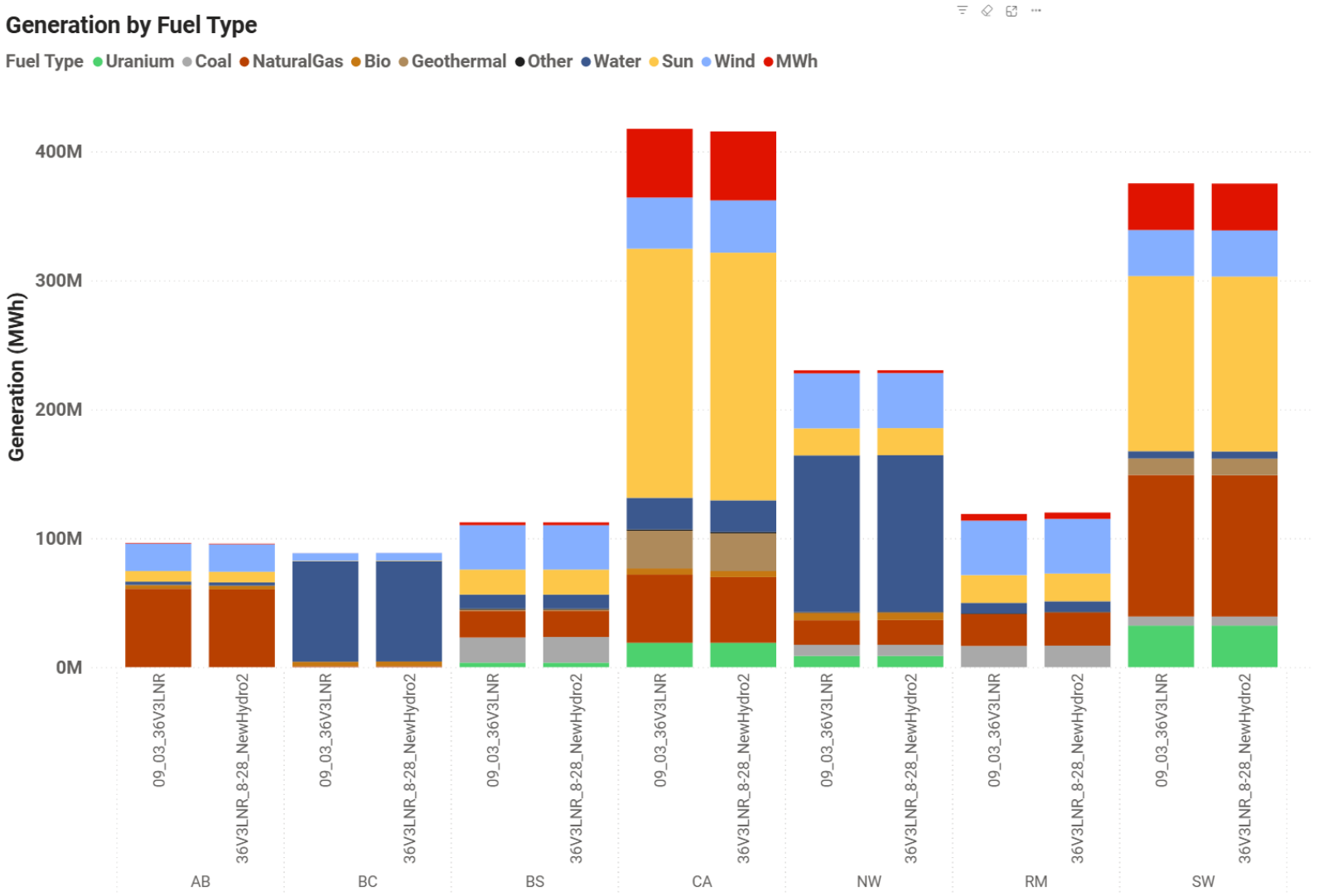
- In progress:
  - Reserves
  - Updated hourly profiles
  - Hydro Operating Range
  - Hydro Pmax review
  - Hydro PLF

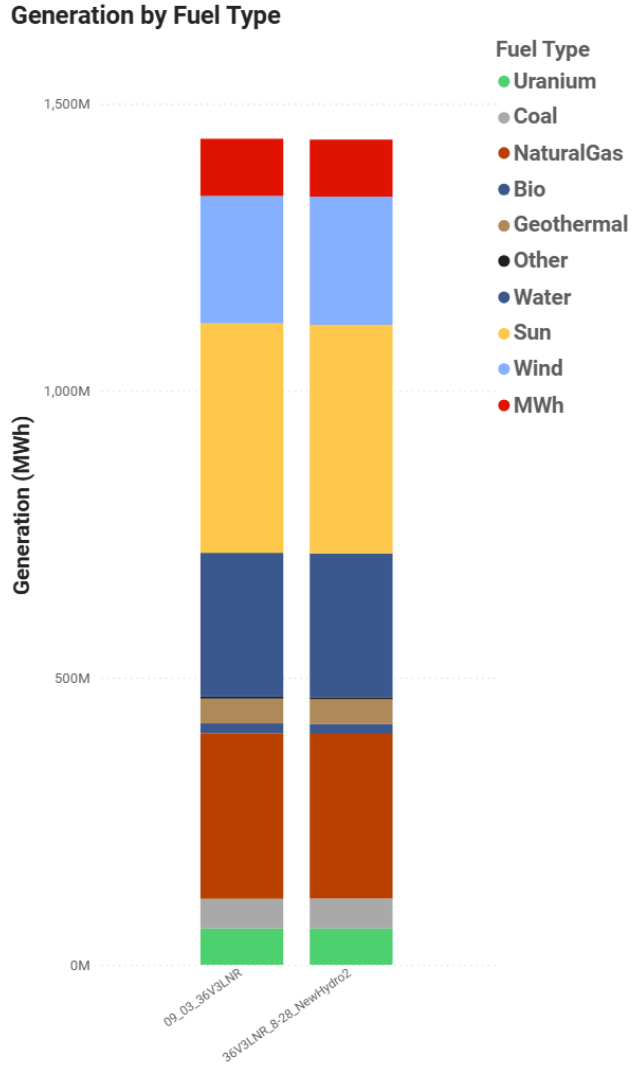
Ferris to TWE – Penalty Incorporated



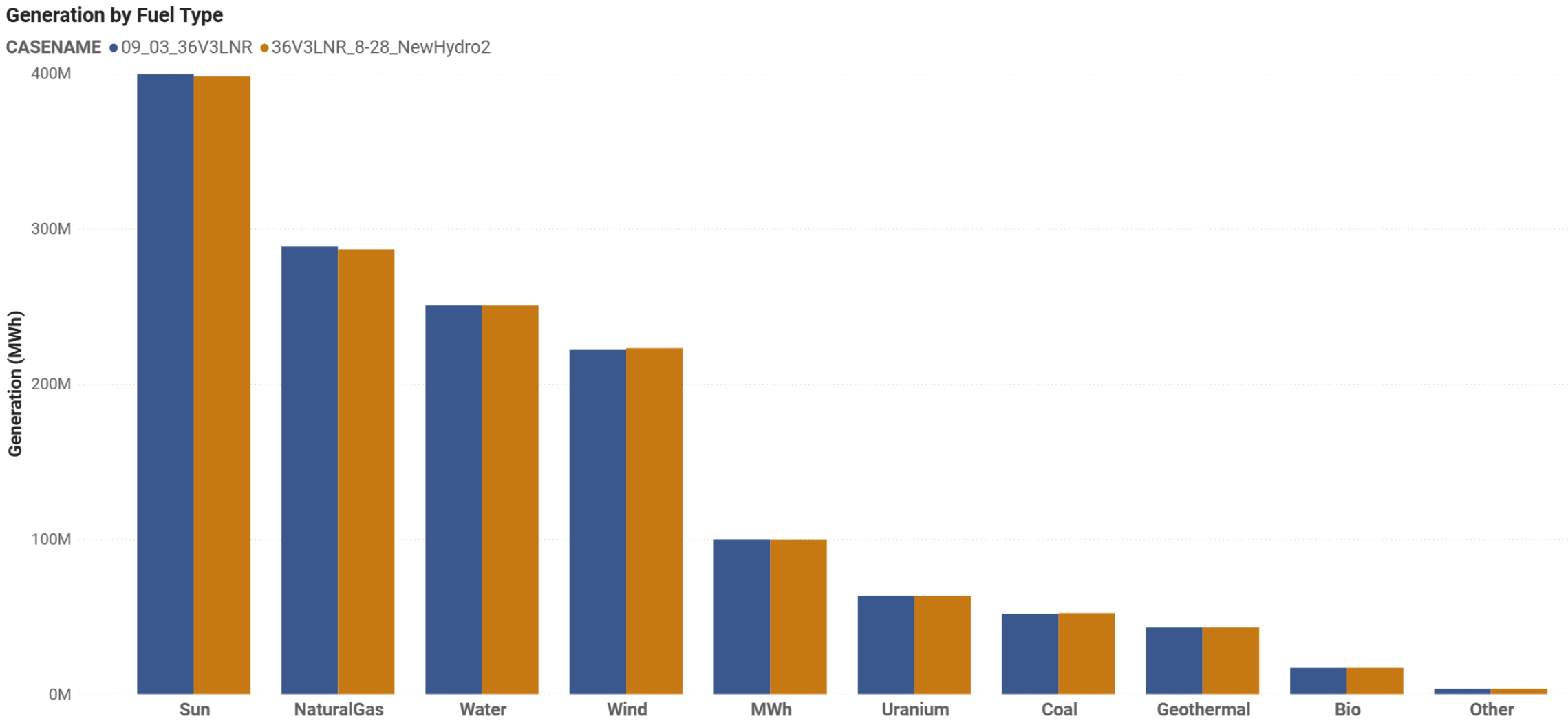


2036 ADS PCM V3 Results





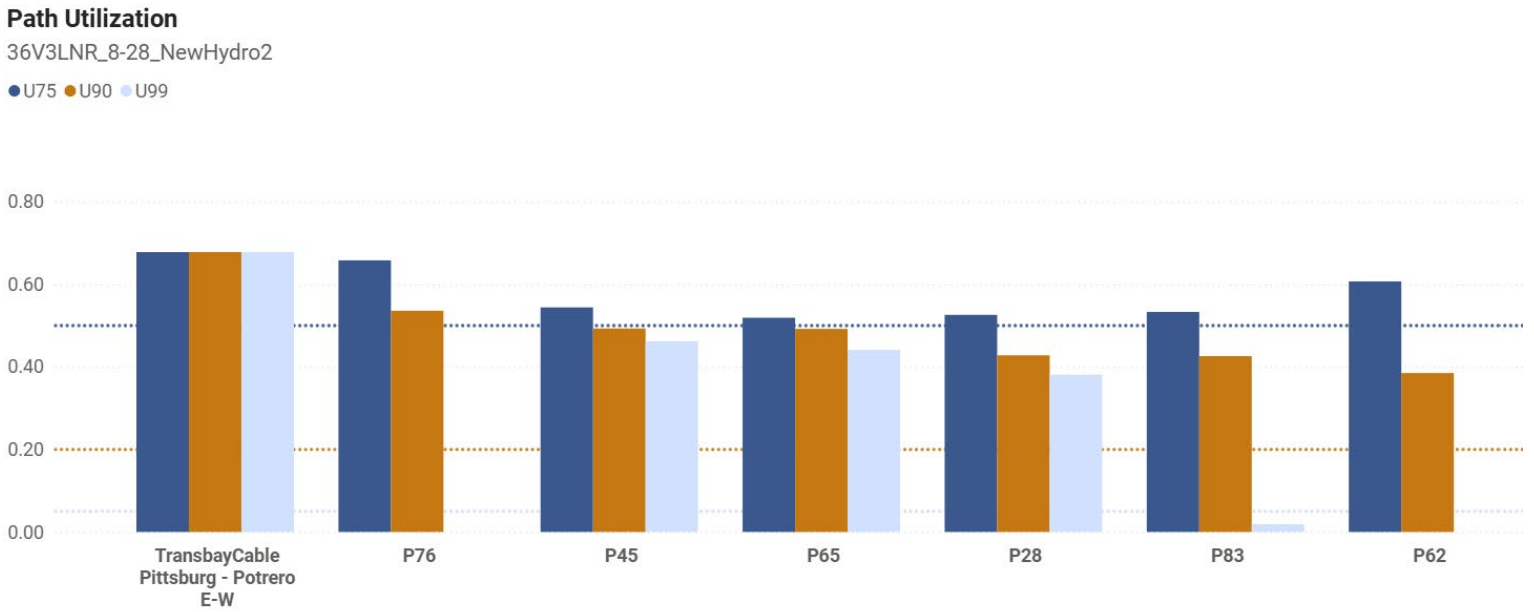
2036 ADS PCM V3 Results

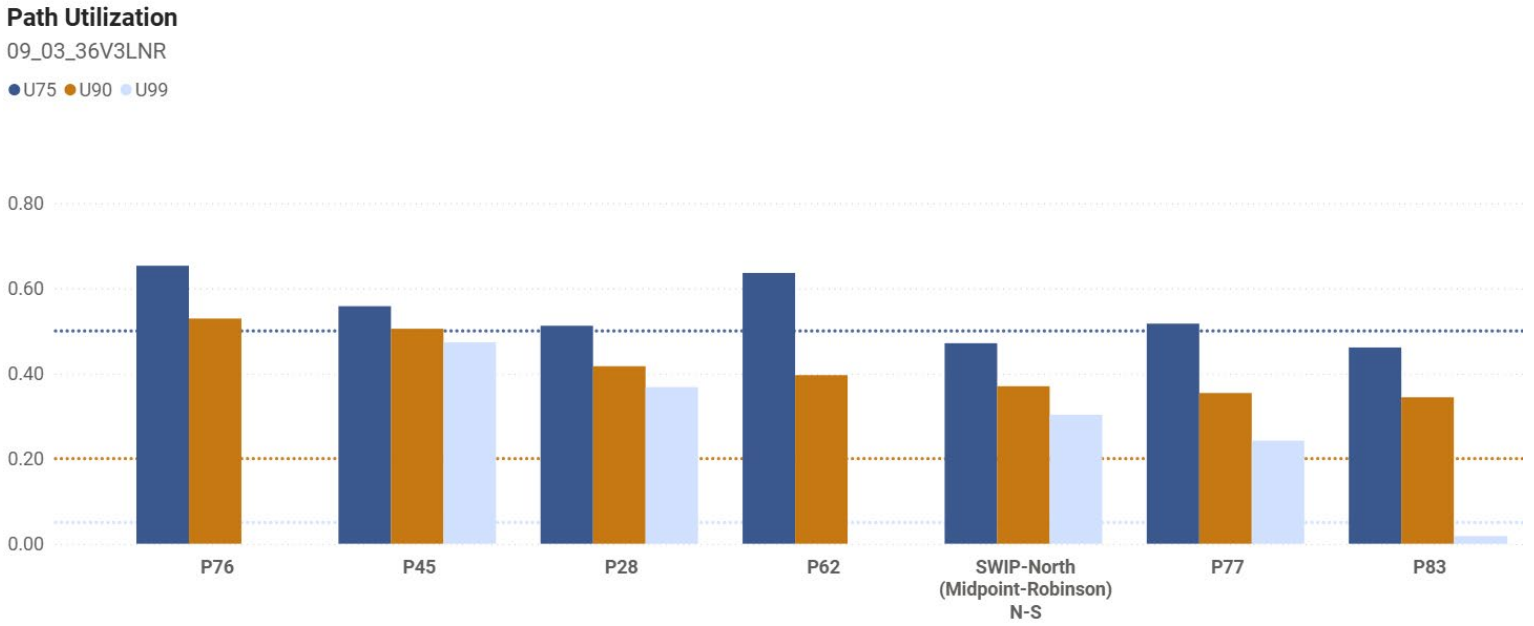


2036 ADS PCM V3 Results

- Unserved load
  - 09_03_36V3LNR
    - 0MWh
  - 08_28_36V3LNR
    - 0MWh

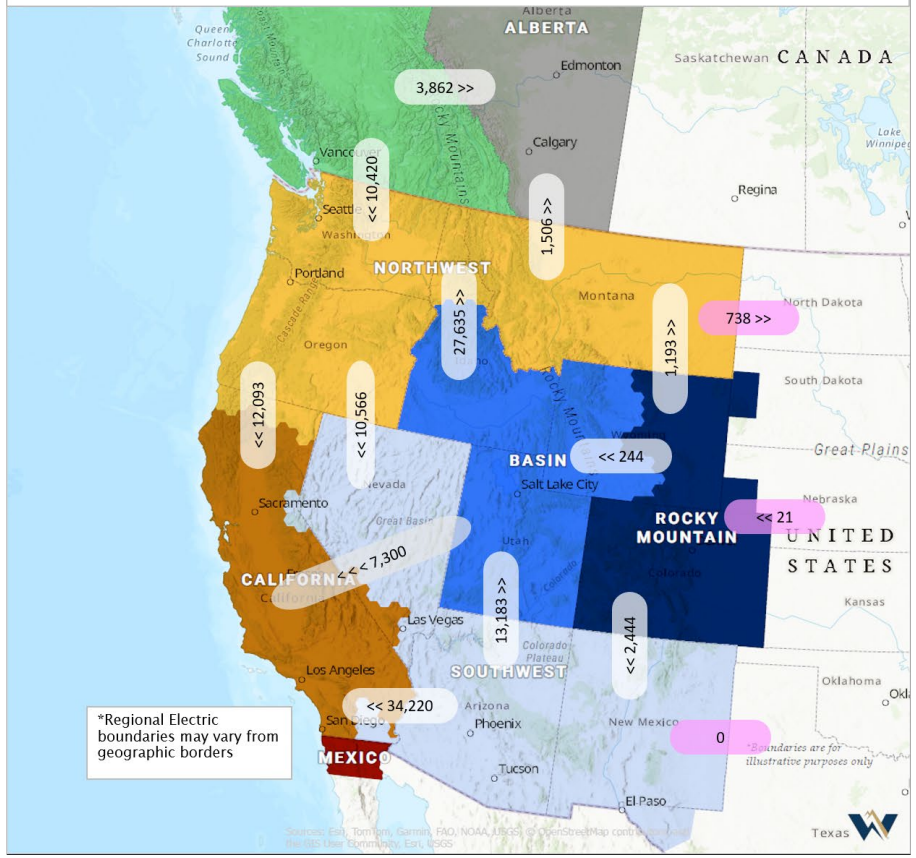
2036 ADS PCM V3 Results



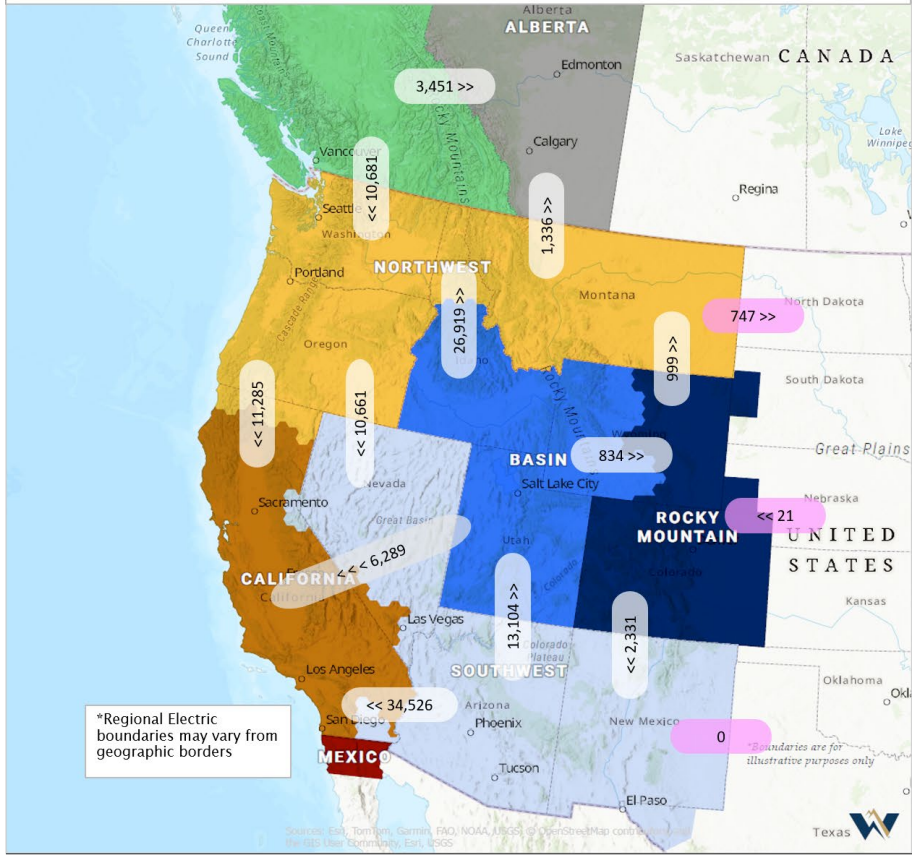


2036 ADS PCM V3 Results

Regional Transfers*
Annual Net GWh
2036_V3LNR_8-28-2026_DRAFT-BC_DailyOp_NewHydro2



Regional Transfers*
Annual Net GWh
09_03_36V3LNR



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