

PCDS Meeting

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**Electric Reliability
& Security for the West**

October 29, 2025

2034 ADS Updates

- 2034 ADS V3.2 PCM release and PF
 - Moving generators in the 2034 ADS PCM to relieve congestions (Max gen>branch limits) and help with high voltage issues in the matching power flow case.
 - Also fixed units where applicable (Ex. Volta hydro incorrect Pmax)
 - PNNL Updated data
 - Updated Solar (Including Alberta Solar) hourly shapes
 - Updated Wind hourly shapes
 - Updated Reserves
 - Fixed unrealistic solar/wind profiles
 - Horse Mesa Mormon Flat, turned off Pumped Storage component
 - IPP percentages updates/nomogram
 - Branch rating 9999 correction for incorrect branch ratings
 - Other recent changes
 - Hoover Allocations
 - Hybrids components on same bus
 - TWE in core case

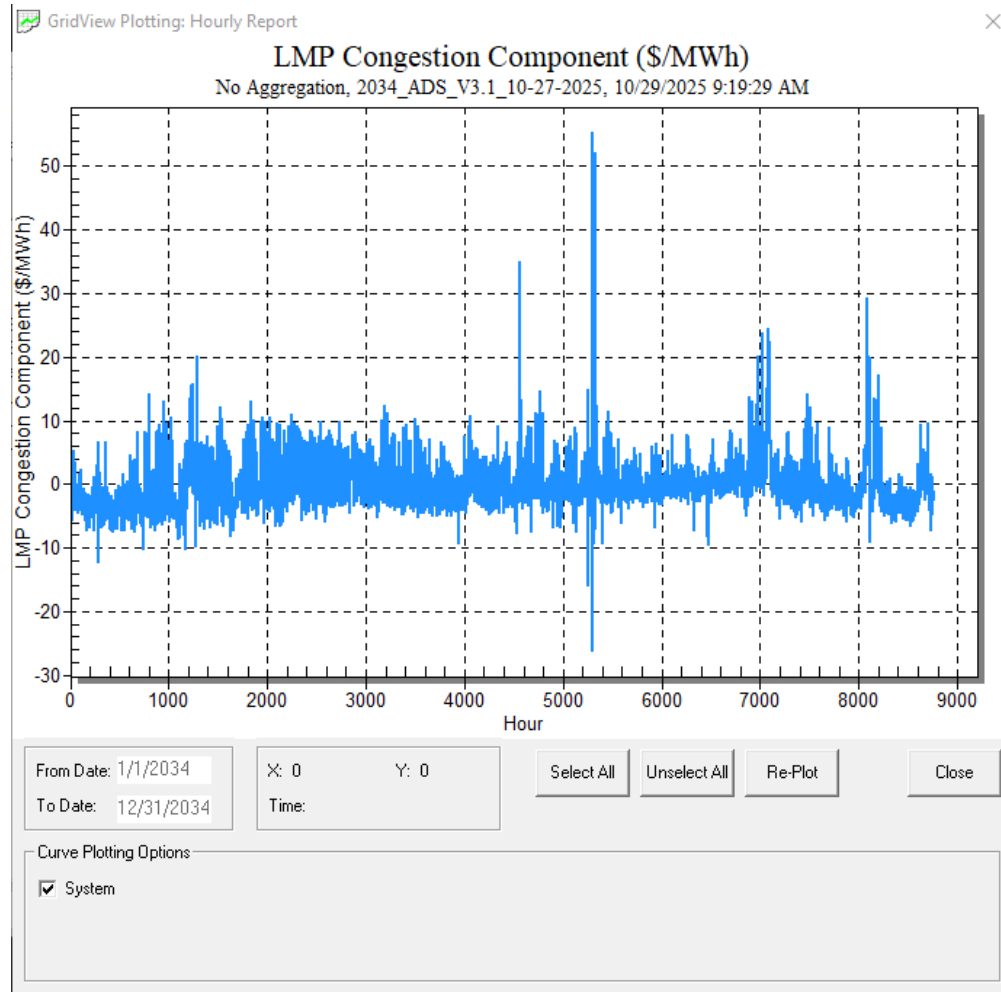


Congestion

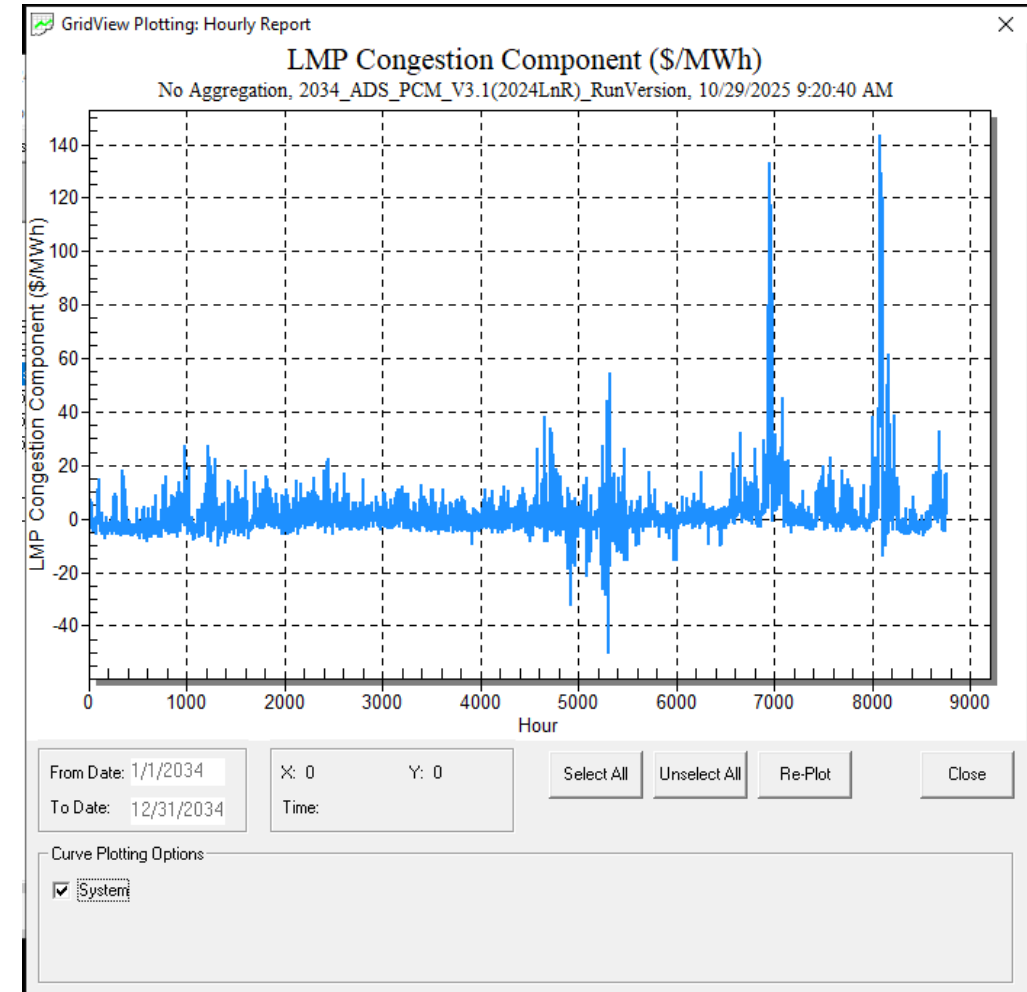
- Cleaned up congestion caused by low level gen
- Did not address
 - Area to Area
 - Network congestion
 - Distributions ratios

Congestion

10-27-2025



V3.1

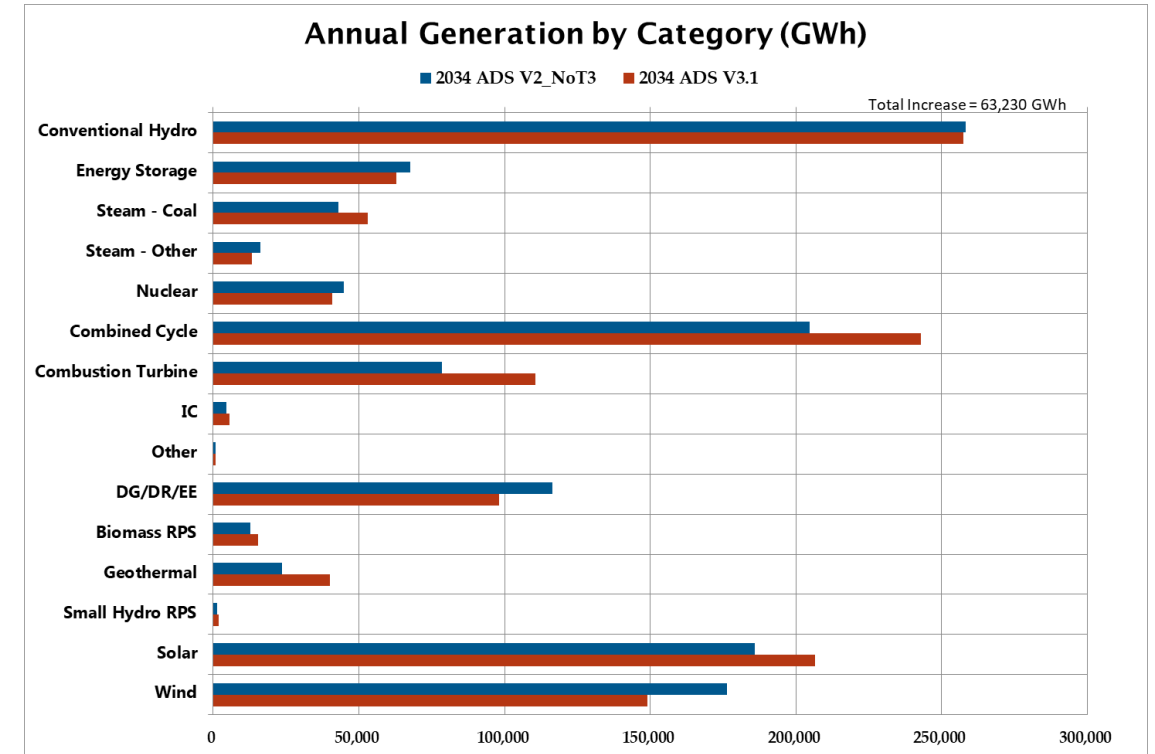
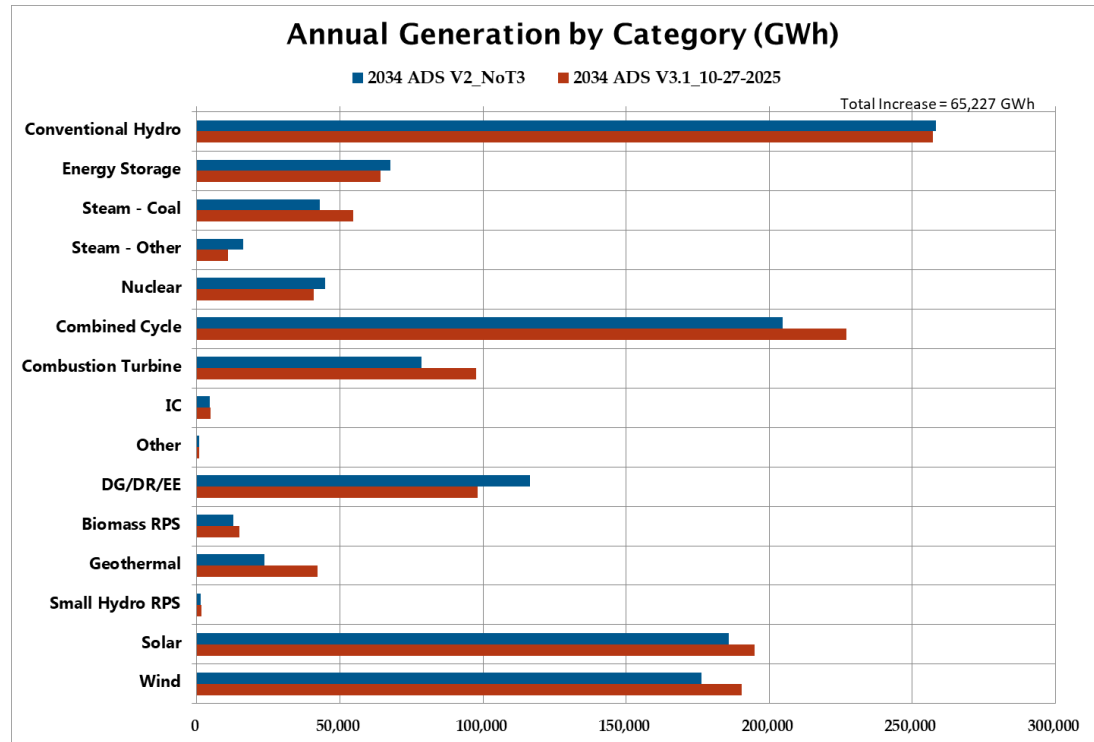




Annual Energy

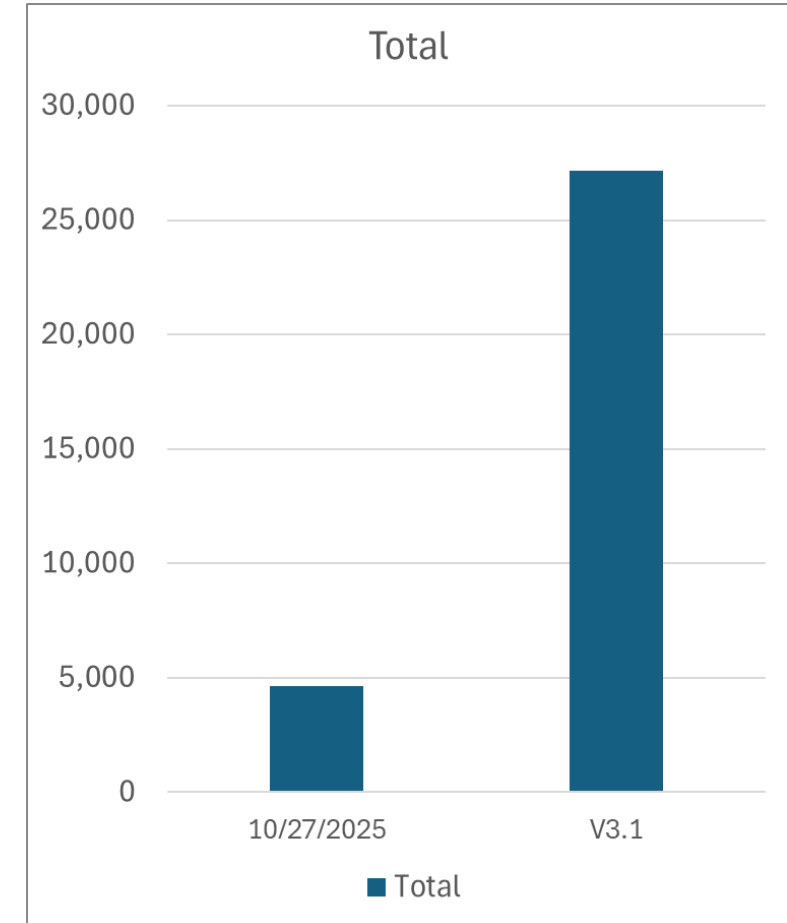
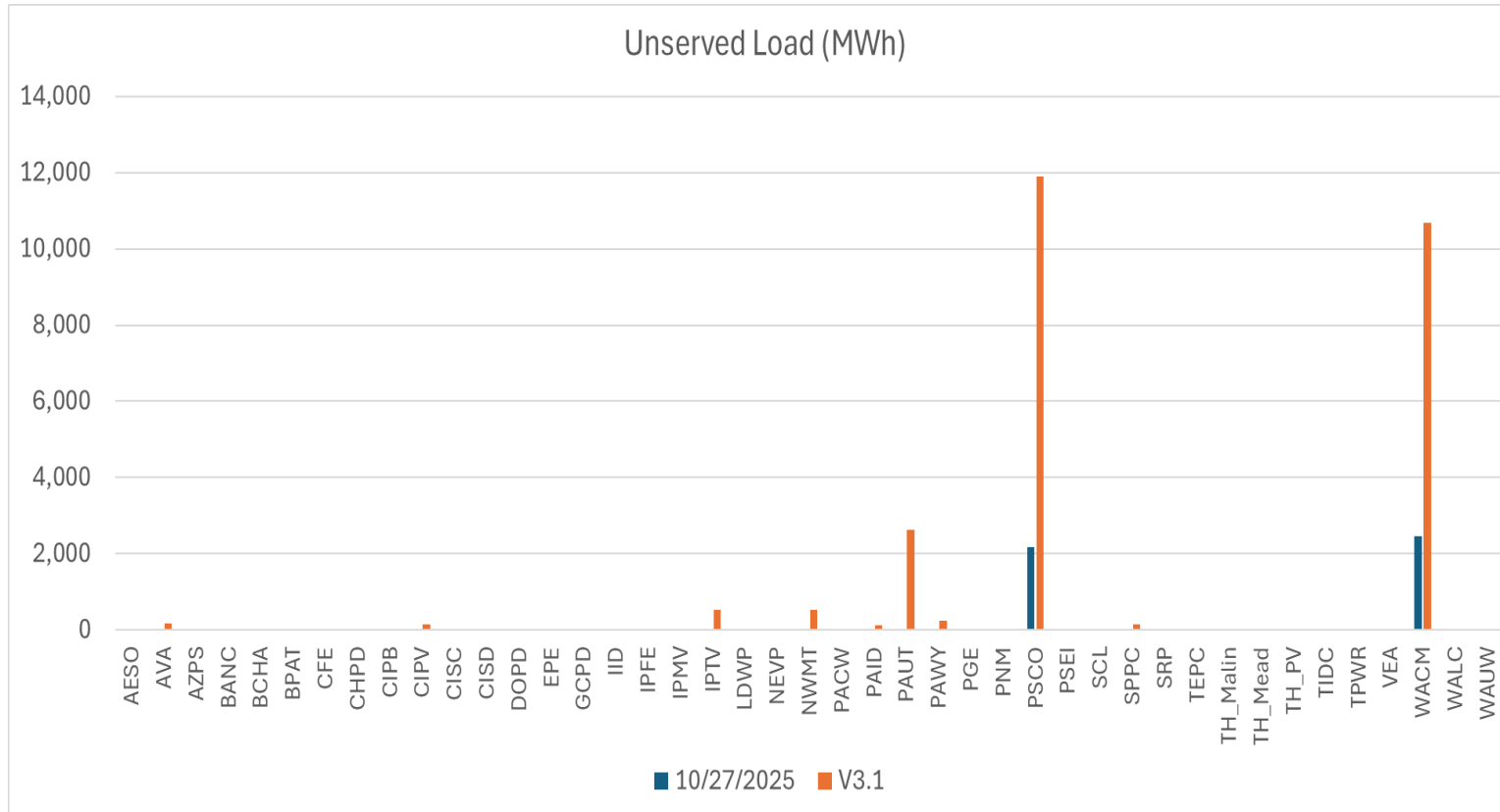
10-27-2025

V3.1





Unserved Load





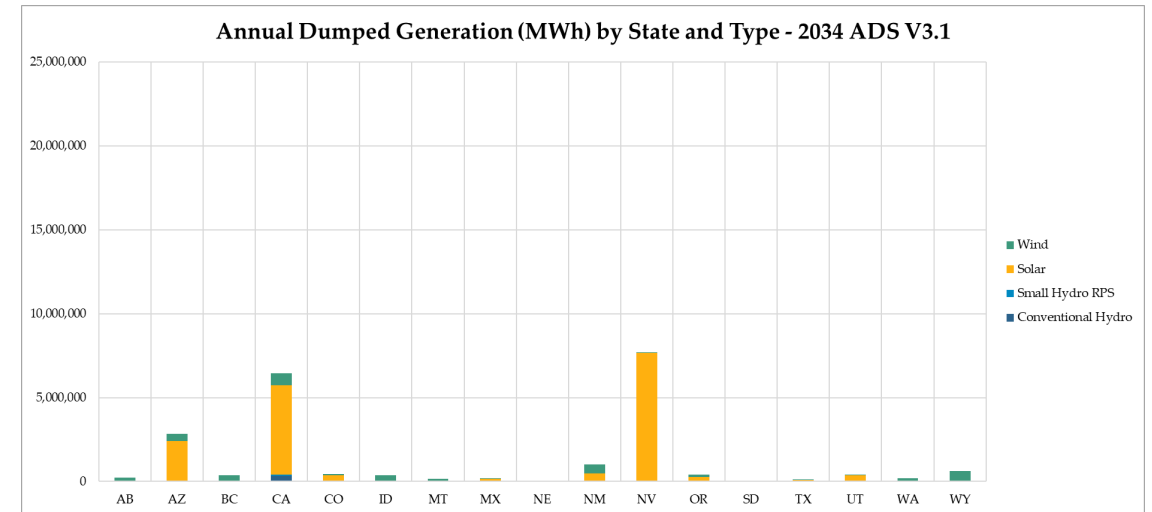
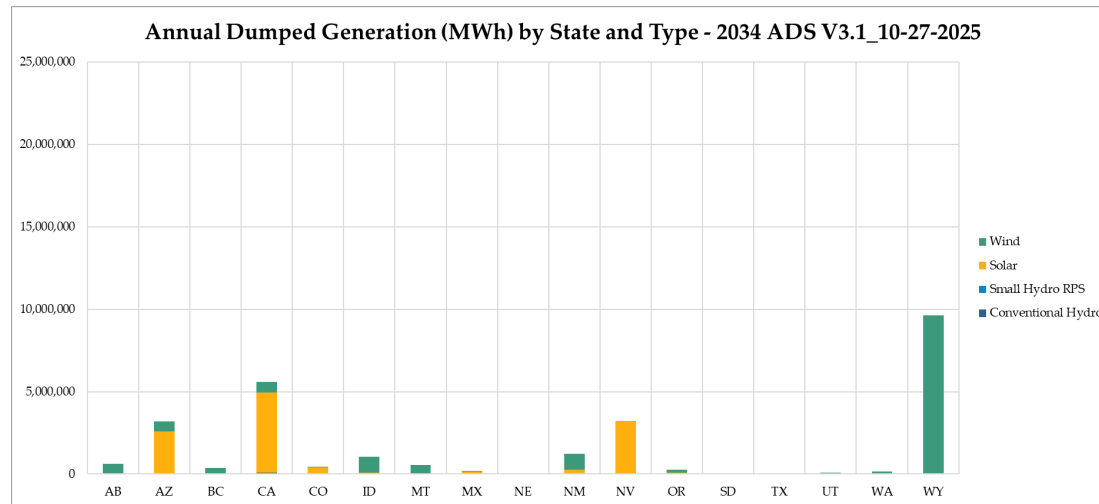
Dumped Energy

10-27-2025

26,671,236 MWh

V3.1

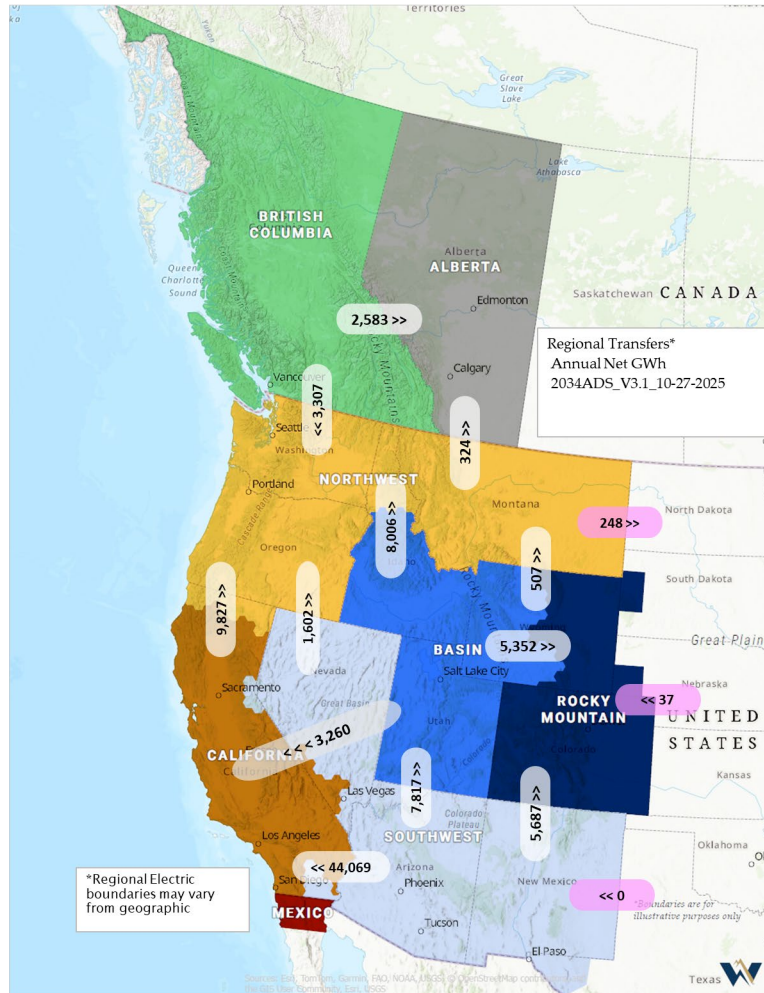
21,480,095 MWh



Regional Annual Net Transfers

10-27-2025

V3.1

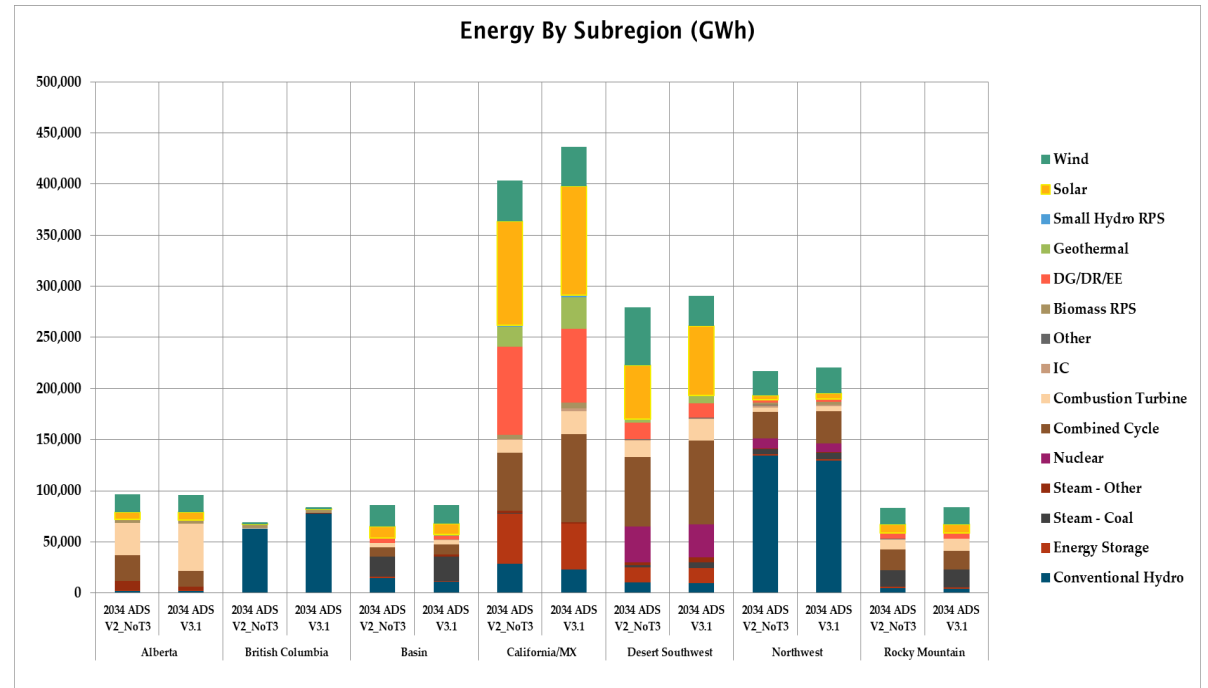
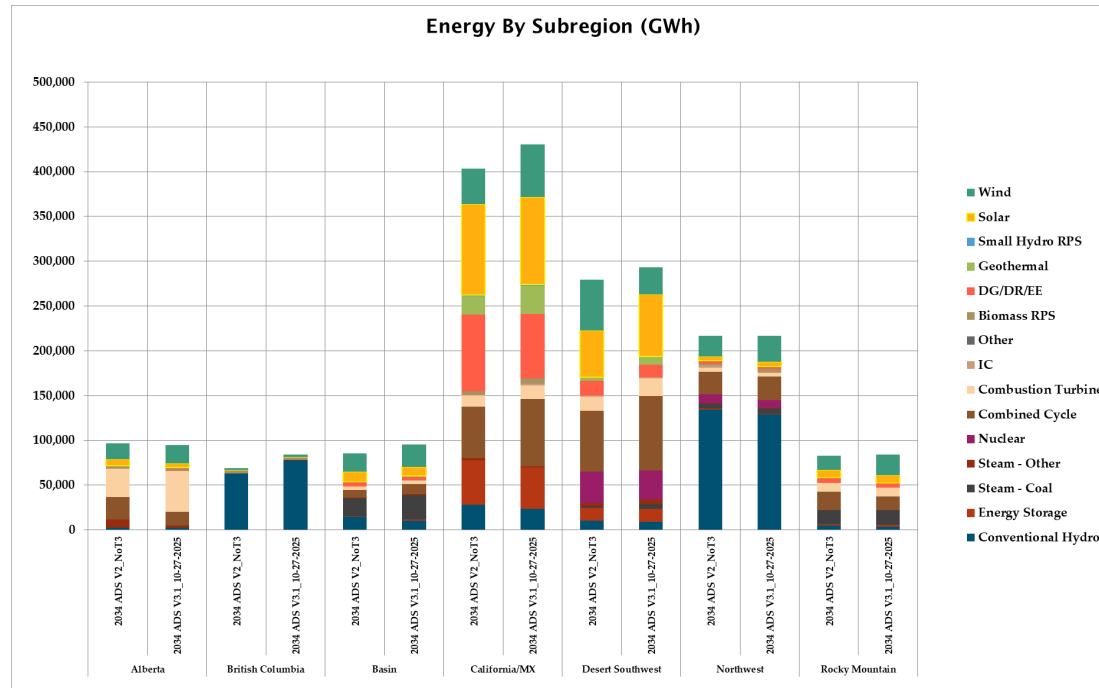




Energy by Region

10-27-2025

V3.1





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