



PCDS Meeting

December 11, 2024

Jon Jensen

WECC

12-9 Case ADS Follow Up

- 12-9 case
 - GridView version 10.3.80
 - No LA or MIO
 - Posted on PCDS Team Site

Implemented updates to the 12-9 case

- AB32_CieloUpdate_Diff
- BC_Daily_Op_Range_Calc_12-6a_Diff_Order2
- BPA_NV_Cielo_UnitRelocations_Diff
- CO2_cost_11-22-2024
- Gen_Retirement_Commissioning_date_updates_GlenC_relocation
- PNNL_Hydro_12-6_Diff
- TownerWind_LocationChange
- SunZiaFirm_Generic_AB32_NewProfilesCapacity_Diff
 - SunZiaFirm_2034.dat
 - SunZiaNonFirm_2034.dat

Implemented fixes to the 12-9 case

- Fixes
 - Hydro unit dispatch cost reverted
 - Carson CC moved back to California
 - Dispatch cost PV/Wind -25
 - Nevada CC1 cogen thermal blocks fixed

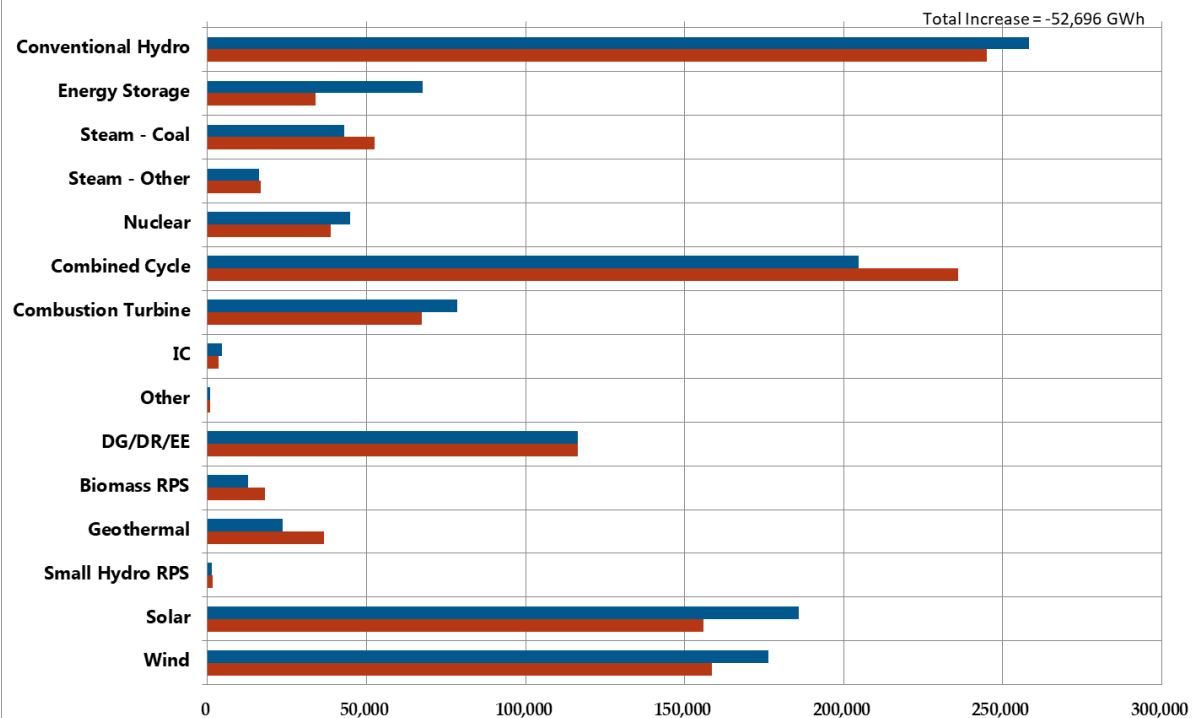
To Do

- Transbay Cable turn on
- Mica repower
- Clean up unused shapes, etc.

Annual Generation

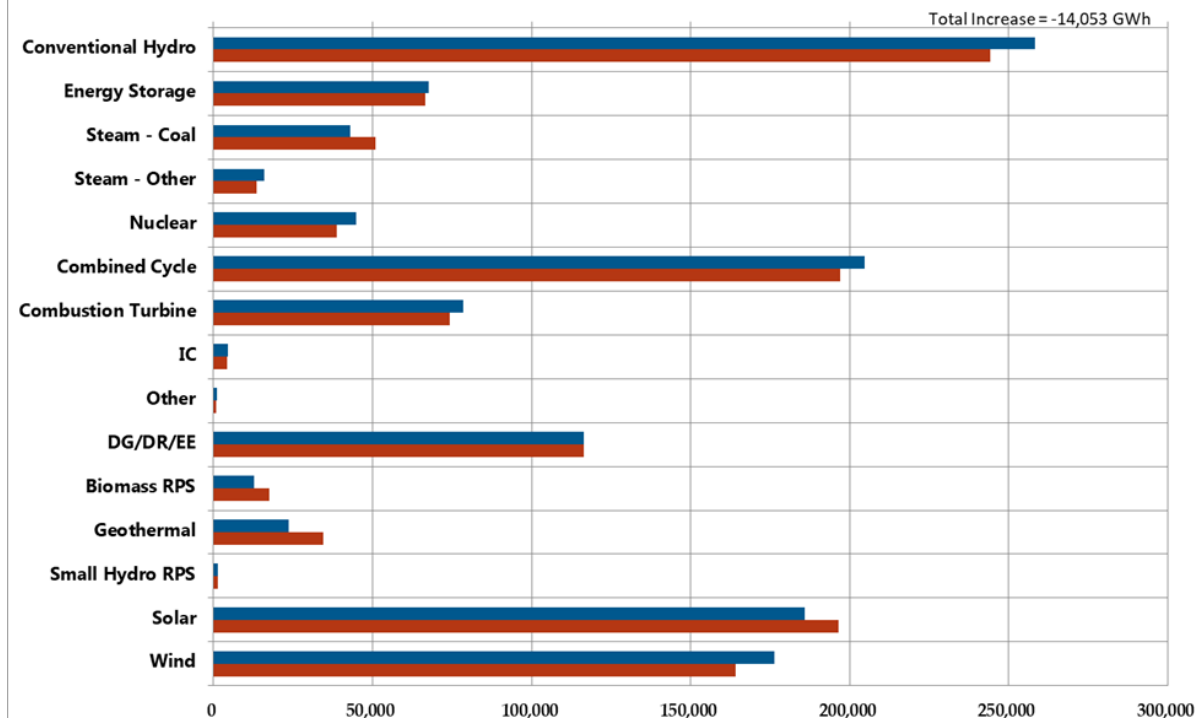
Annual Generation by Category (GWh)

■ 2034 ADS V2_NoT3 ■ 2034 ADS V2_12-9

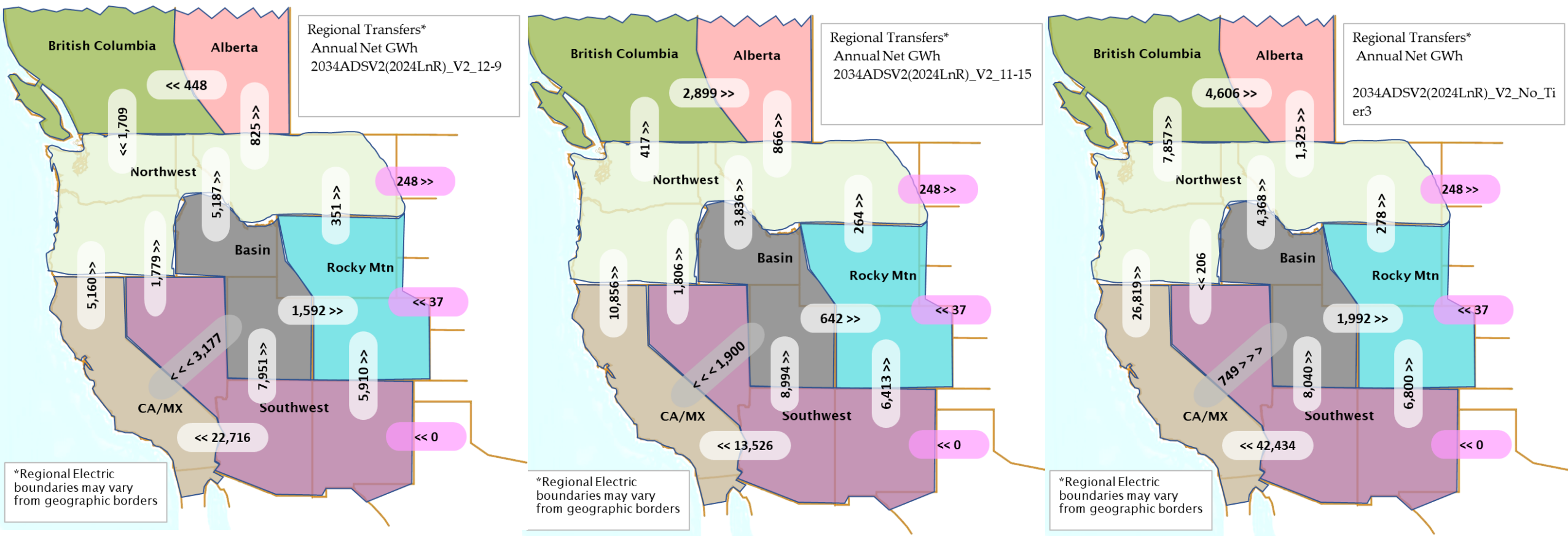


Annual Generation by Category (GWh)

■ 2034 ADS V2_NoT3 ■ 2034 ADS V2_11-15

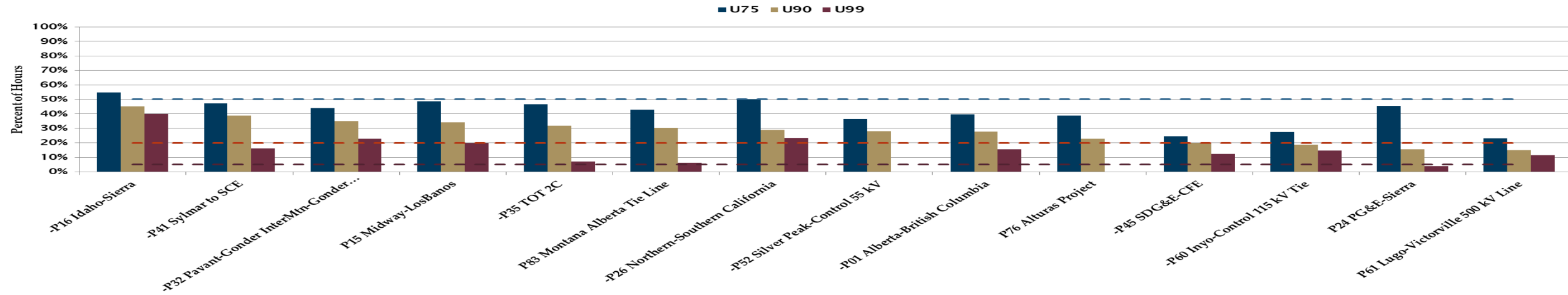


Regional Transfers

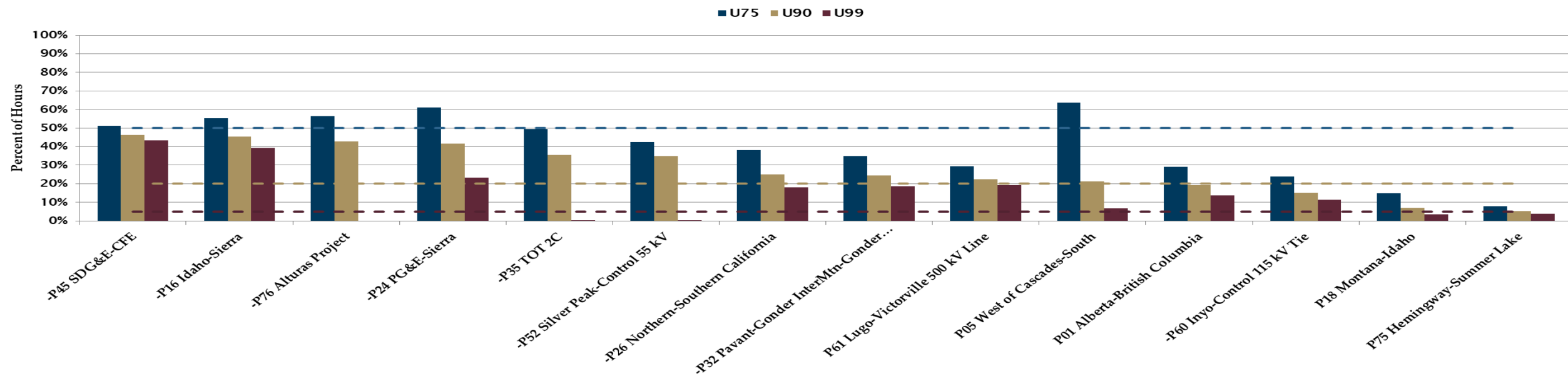


Transmission Utilization

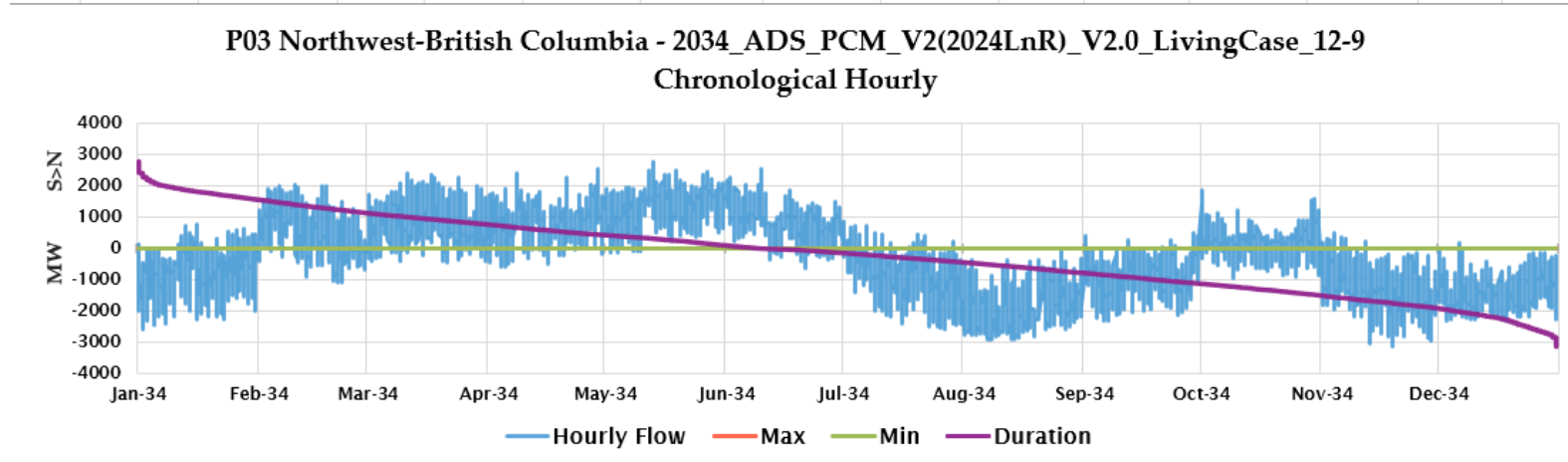
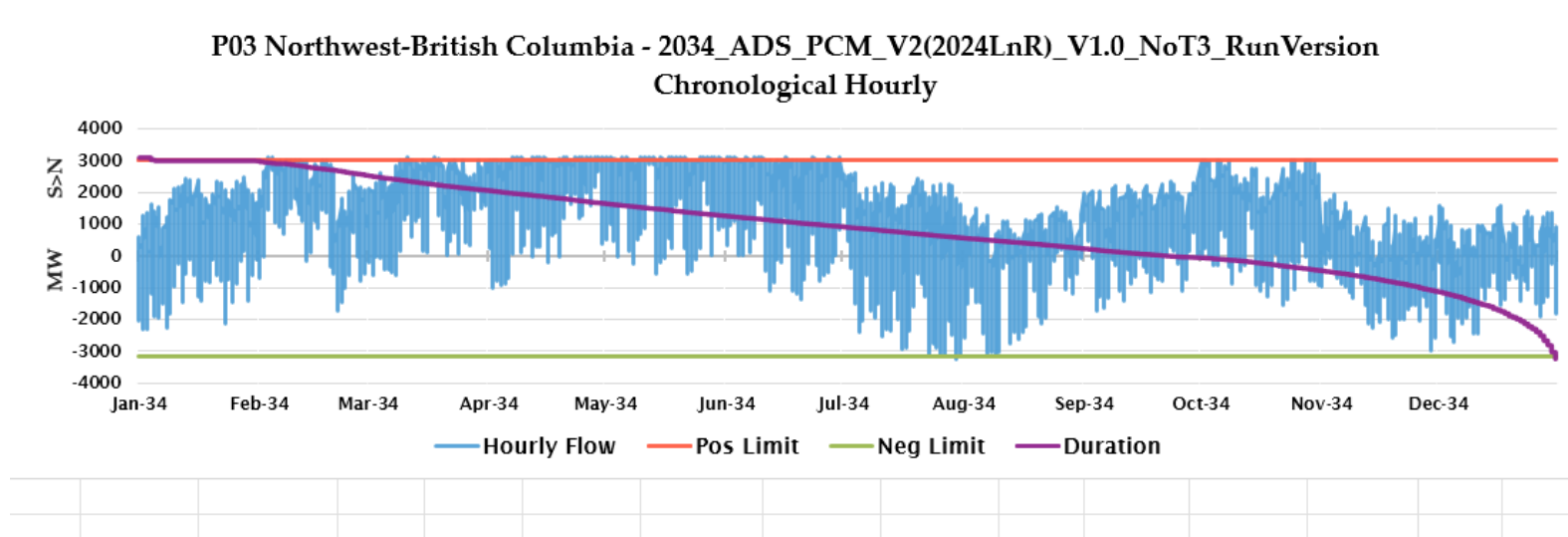
Most Heavily Utilized Paths - 2034_ADS_PCM_V2(2024LnR)_V1.0_NoT3_RunVersion



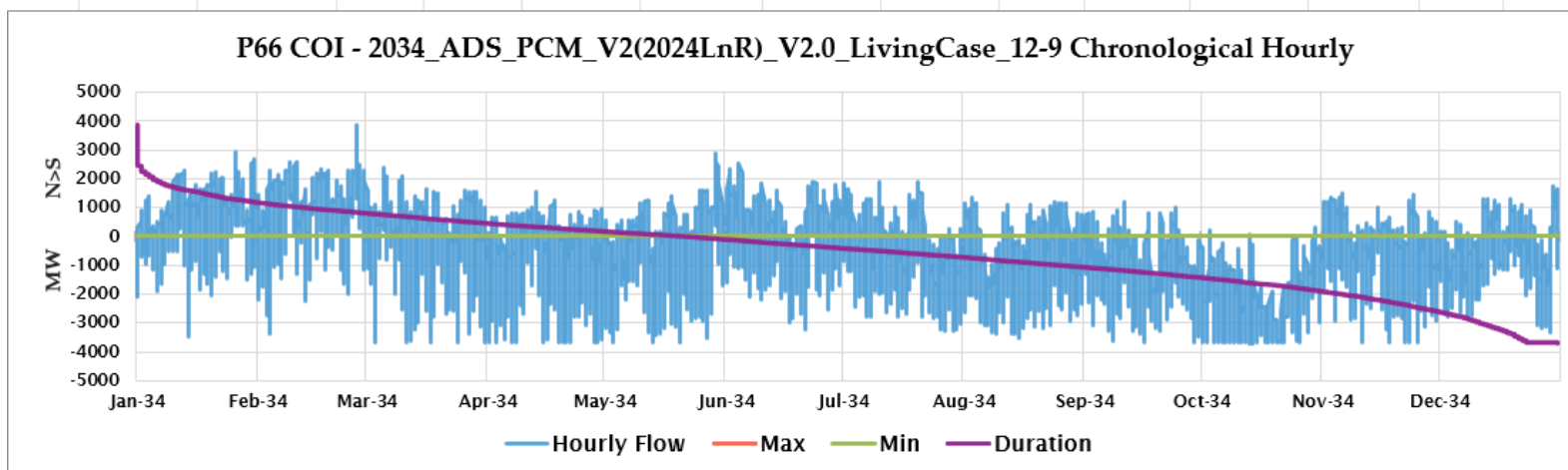
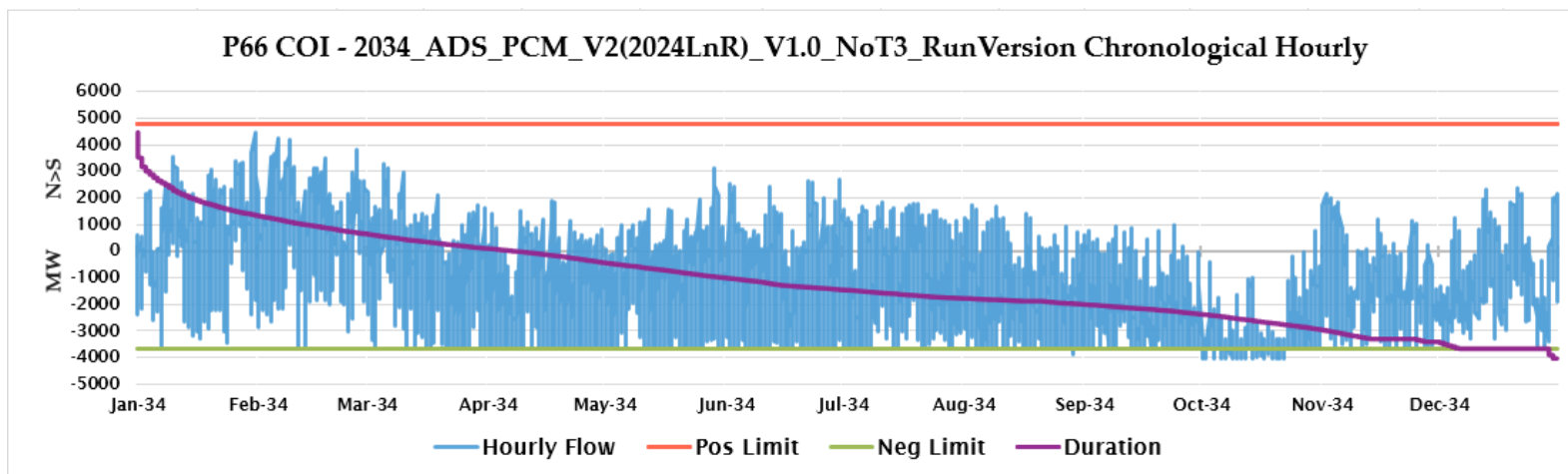
Most Heavily Utilized Paths - 2034_ADS_PCM_V2(2024LnR)_V2.0_LivingCase_12-9



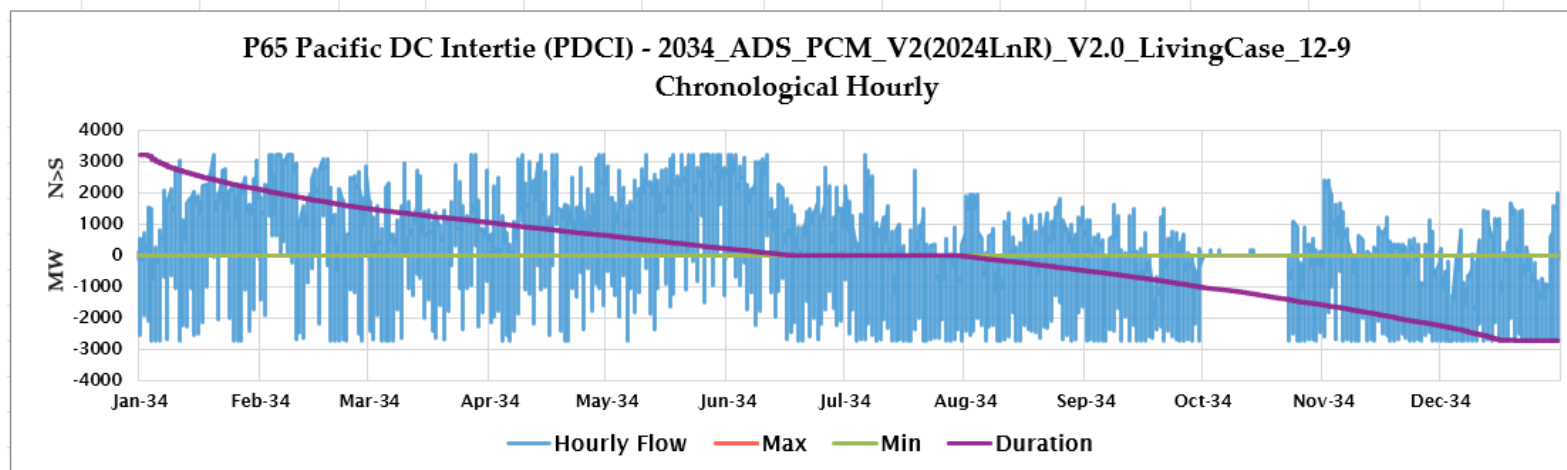
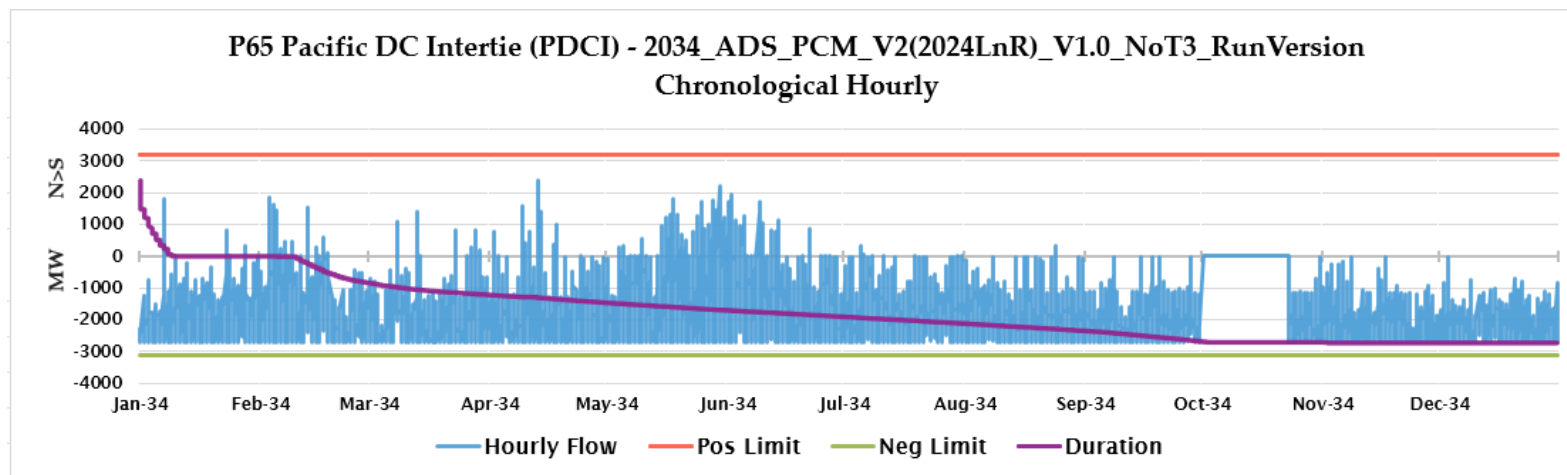
Hourly Transmission



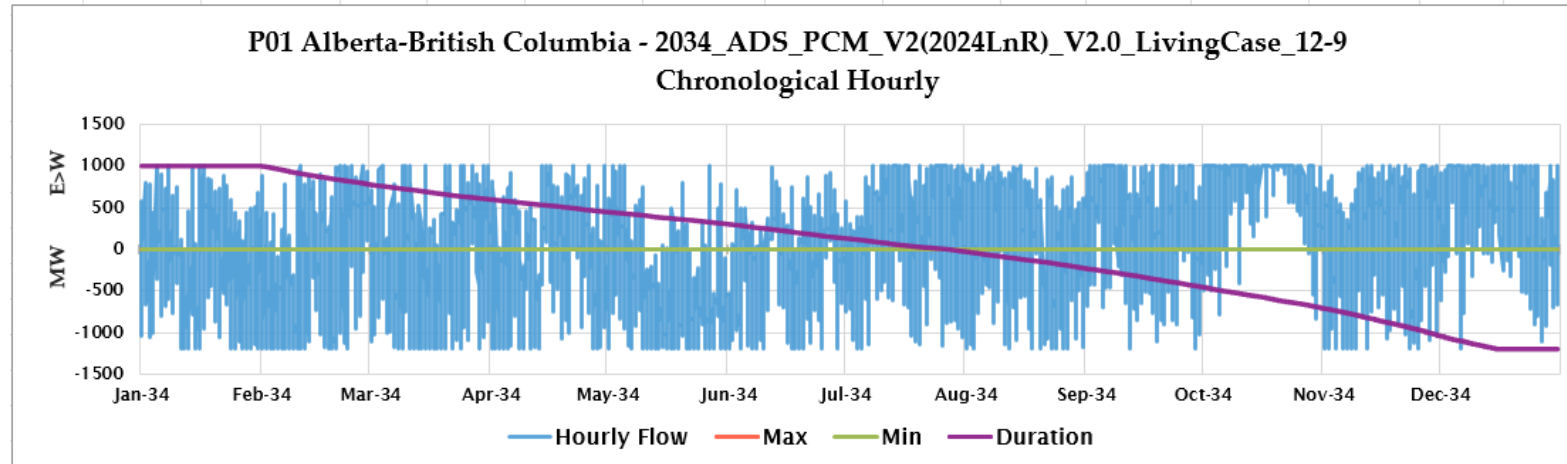
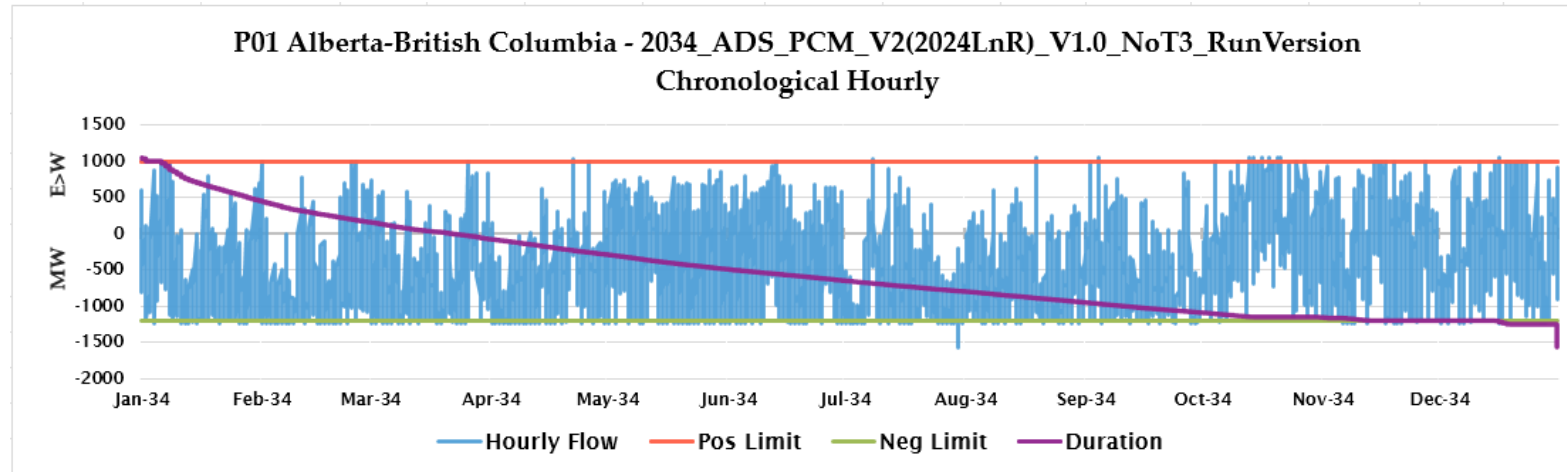
Hourly Transmission



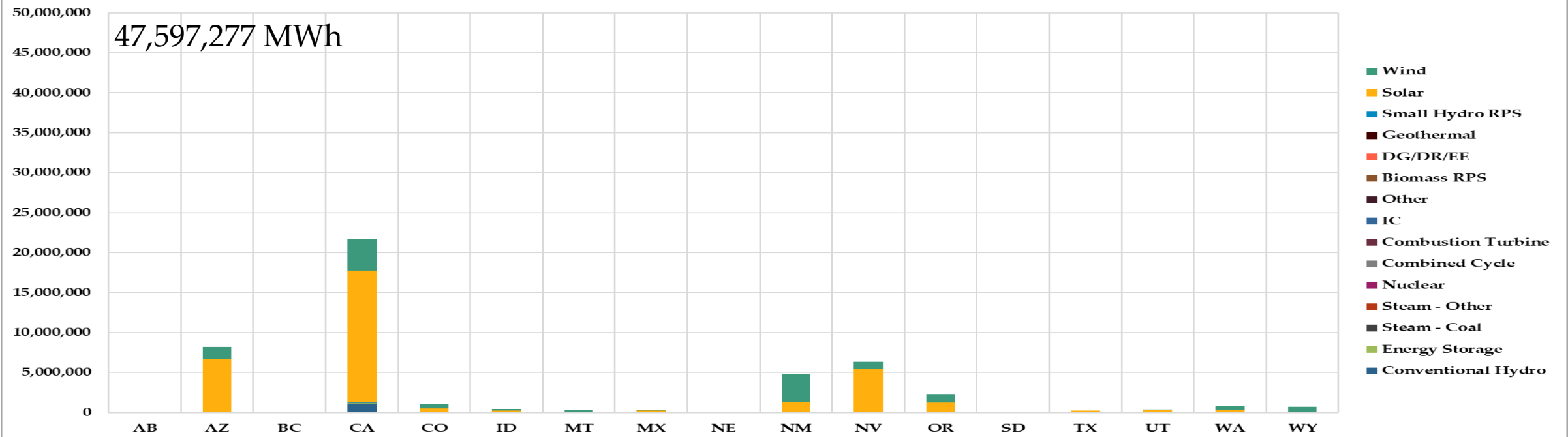
Hourly Transmission



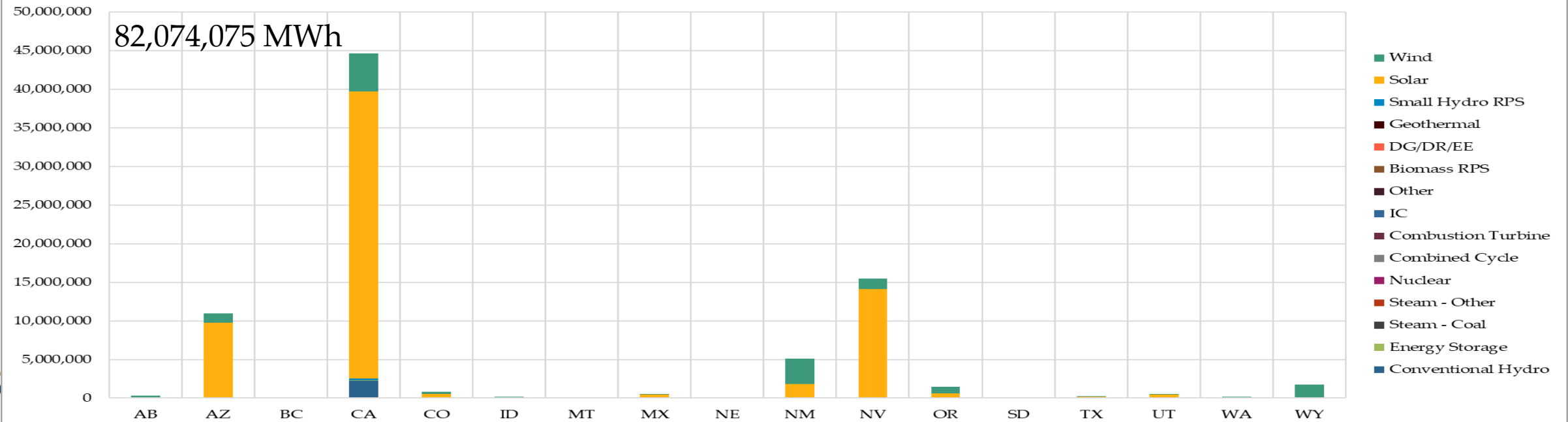
Hourly Transmission



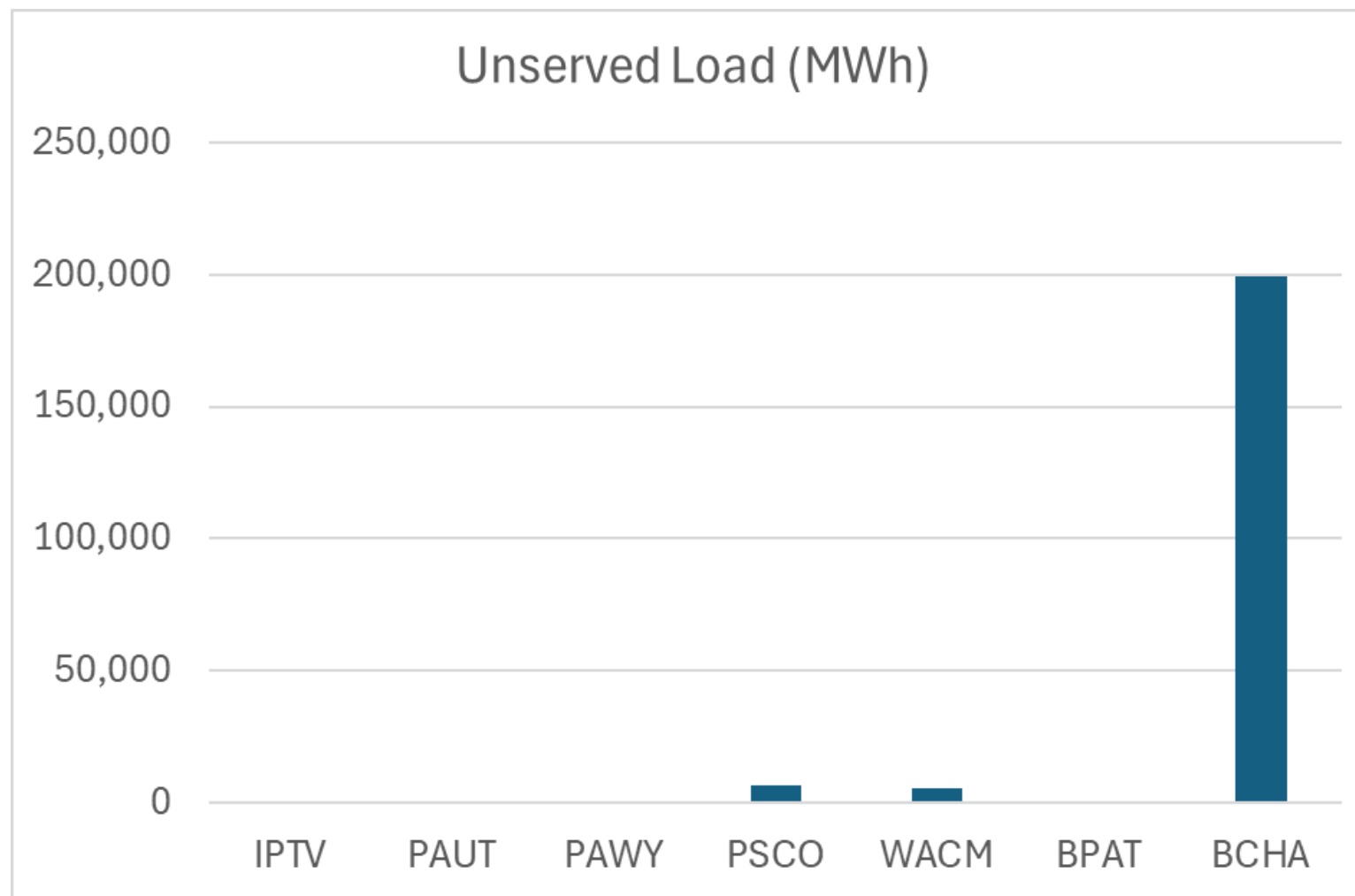
Annual Dumped Generation (MWh) by State and Type - 2034 ADS V2_NoT3



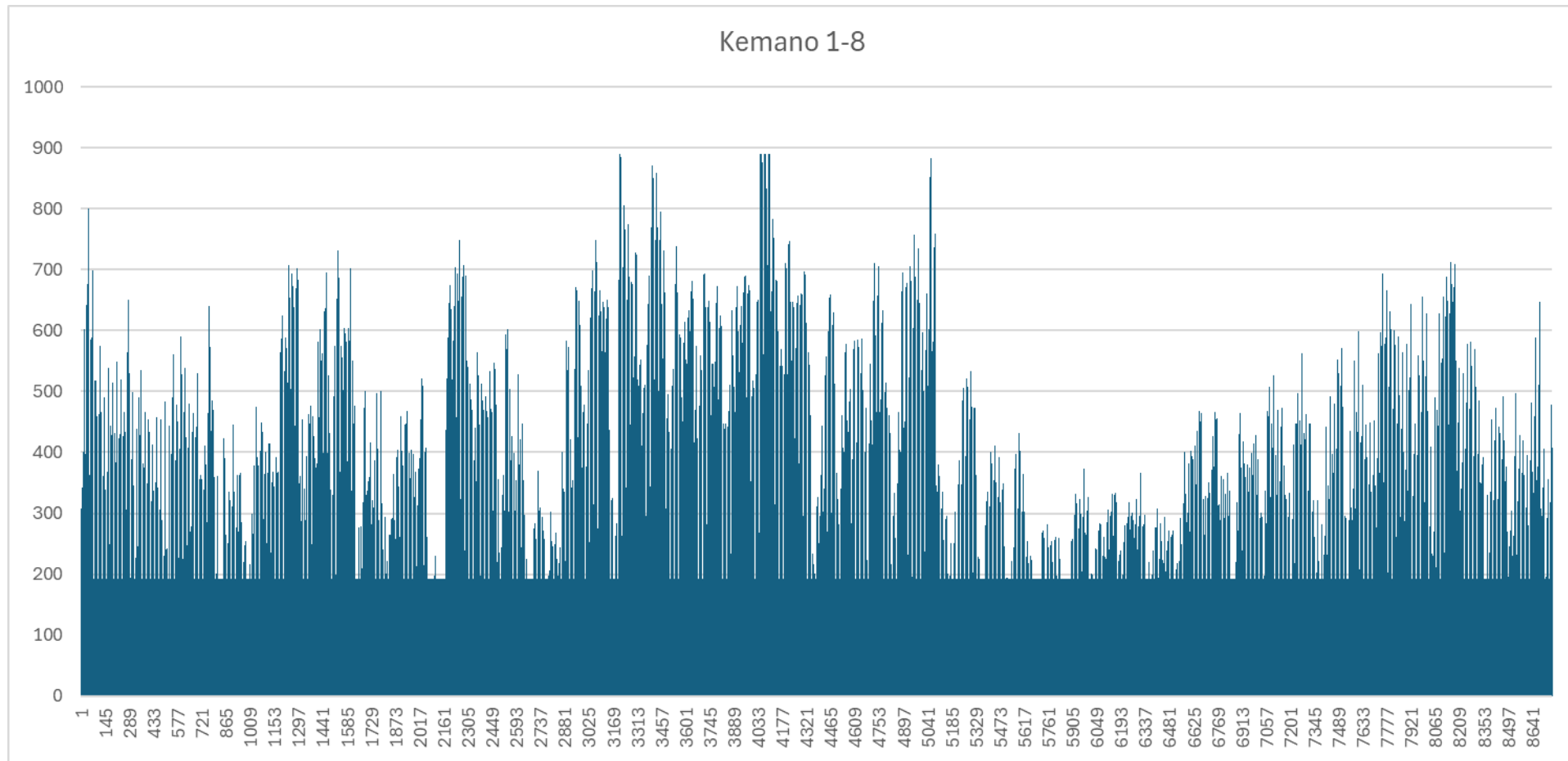
Annual Dumped Generation (MWh) by State and Type - 2034 ADS V2_12-9



Unserved Load



BC Kemanu Hydro Units Output



SWIP-North

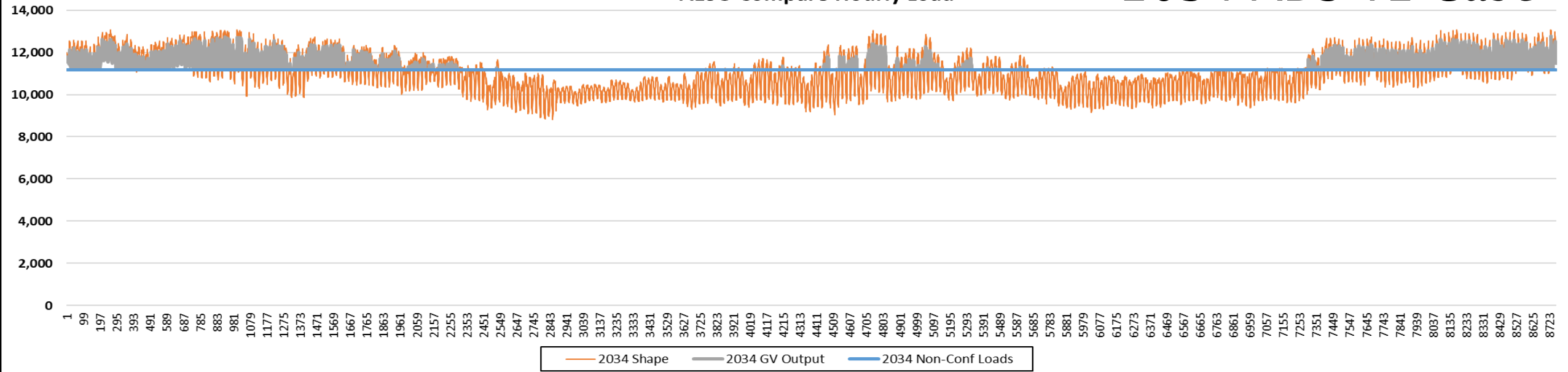
- Add Lava Ridge and Salmon falls wind?
 - Review

Non-Conforming Load

2034 NCL Status V2 Case

AESO Compare Hourly Load

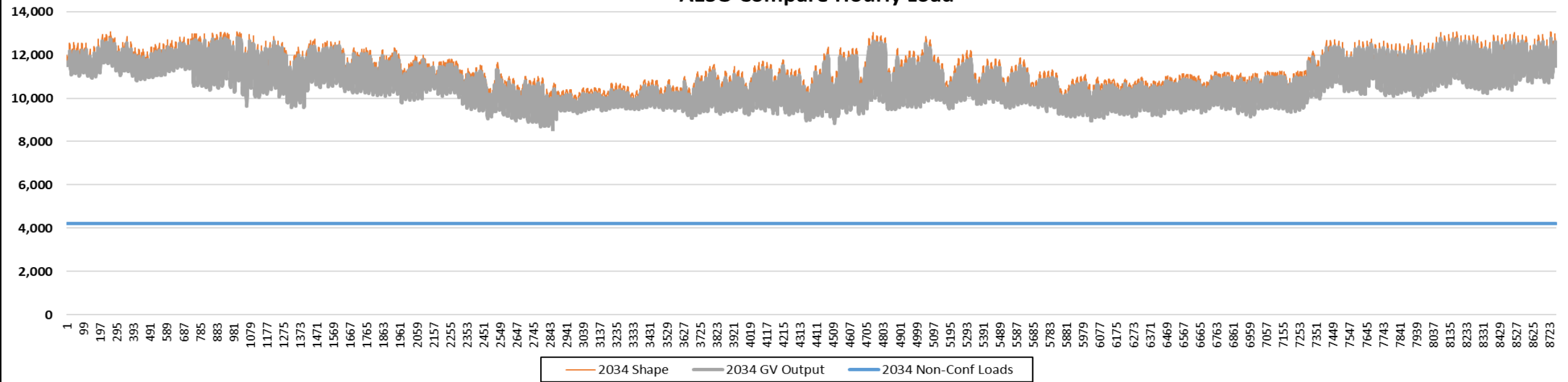
2034 ADS V2 Case



2032 NCL Status

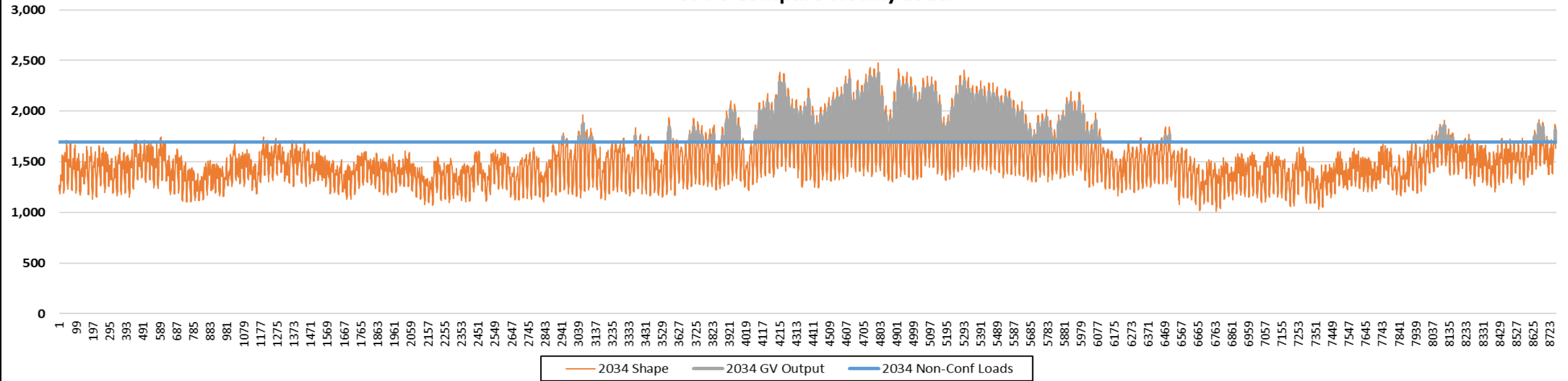
AESO Compare Hourly Load

11-14b Case



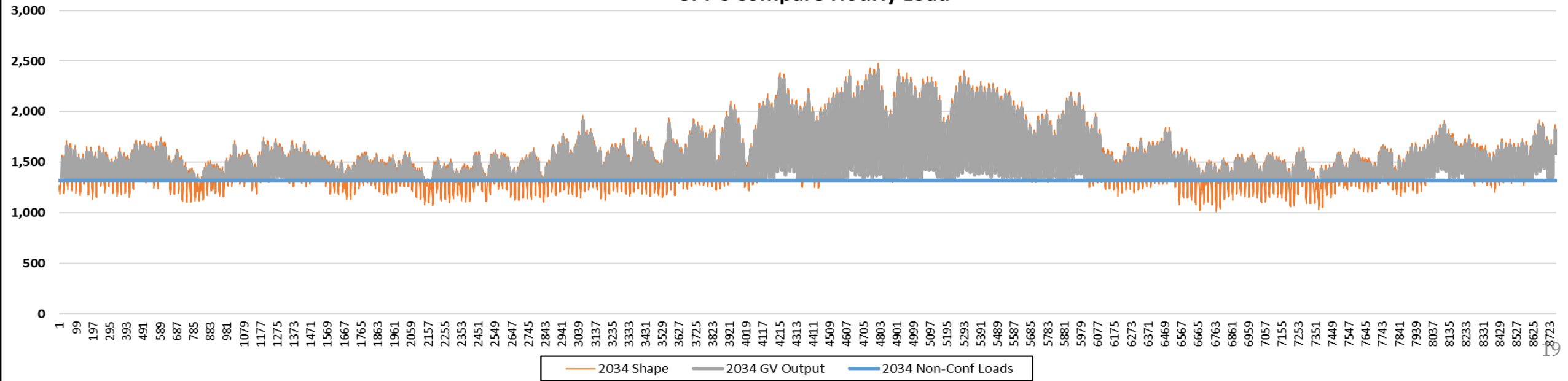
2034 NCL Status

SPPC Compare Hourly Load



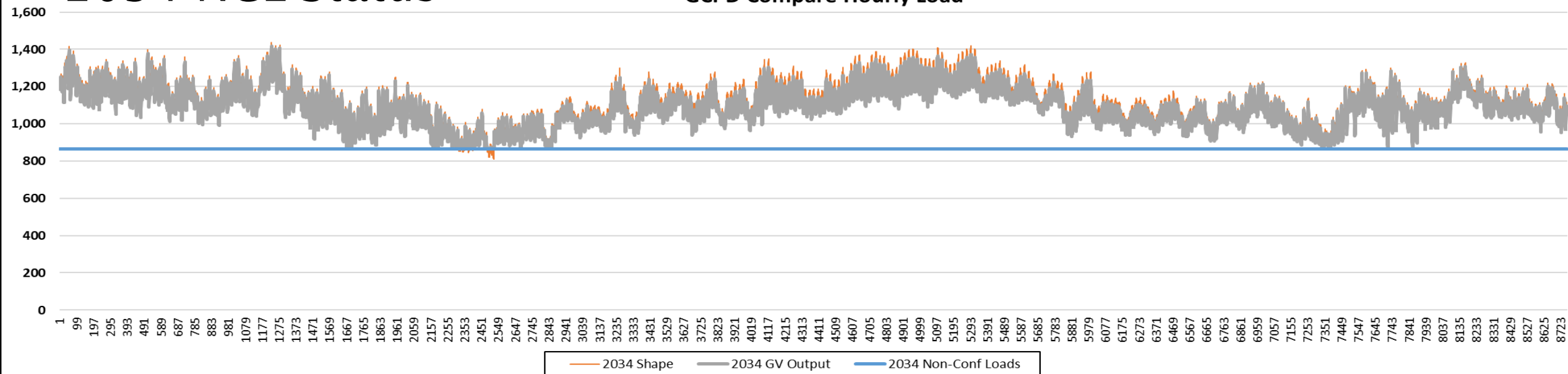
2032 NCL Status

SPPC Compare Hourly Load



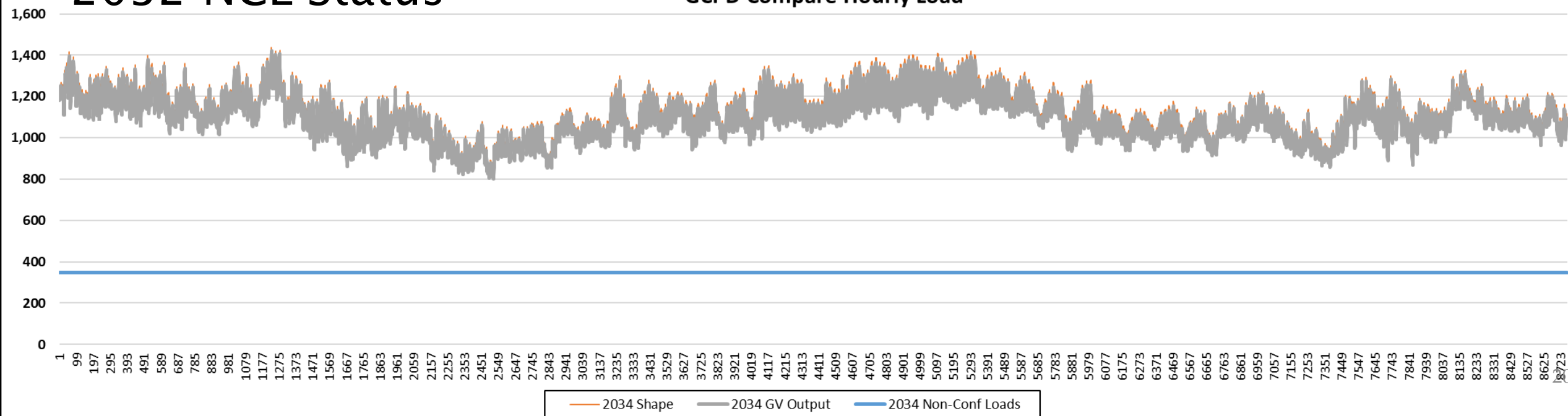
2034 NCL Status

GCPD Compare Hourly Load



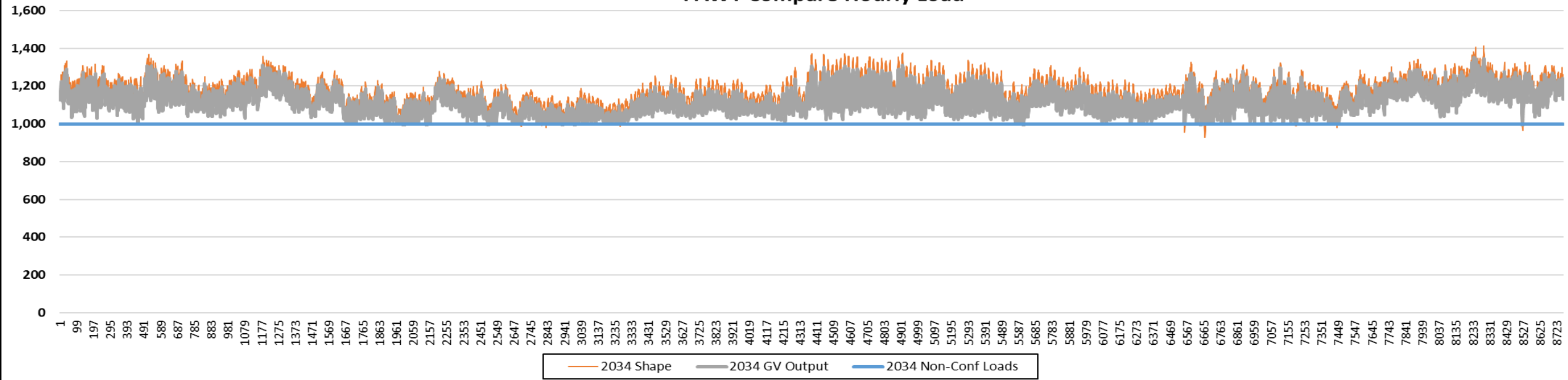
2032 NCL Status

GCPD Compare Hourly Load



2034 NCL Status

PAWY Compare Hourly Load



2032 NCL Status

PAWY Compare Hourly Load

