

Identified Issues in ADS PCM by July 25

07/27/2022

Yi Zhang

Summary of identified major issues in ADS PCM by July 25, 2022

- Unserved load observed in WACM, PSCO, and CFE
- Some 230 kV and above transmission lines and transformers are not monitored
- BC Hydro hydro dispatch and flow pattern on interties are unexpected
- Alberta intertie flow import to Alberta through Path 01 and Path 83 is much higher than expected
 - Path 83 is congested more than 7000 hours
 - Alberta CO2 price is about 2 times higher than other regions
- LADWP load monthly peak impact of non-firm DSM in L&R is 500 MW for all months, as comparison SCE's non-firm DSM peak impact varies from month to month and is less than 100 MW



Suggestions

- The issues listed impacted LMP, congestion, and curtailment in many areas in the ADS PCM. Ideally, they need to be resolved in the first official ADS PCM release
- If these issues cannot be resolved in time given the complexity of the issues, they need to be documented associated with clear plan for resolving as part of the first official ADS PCM release. The document needs to include
 - List of issues
 - Action plan, including who will be responsible, approaches, schedule of meetings, and deadline of final solution





Contact:

Yi Zhang yzhang@caiso.com