

WESTERN ENERGY IMBALANCE MARKET

EIM Implementation Status

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EIM Governing Body

General Session

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EIM Update

2021 EIMs on-boarding status:

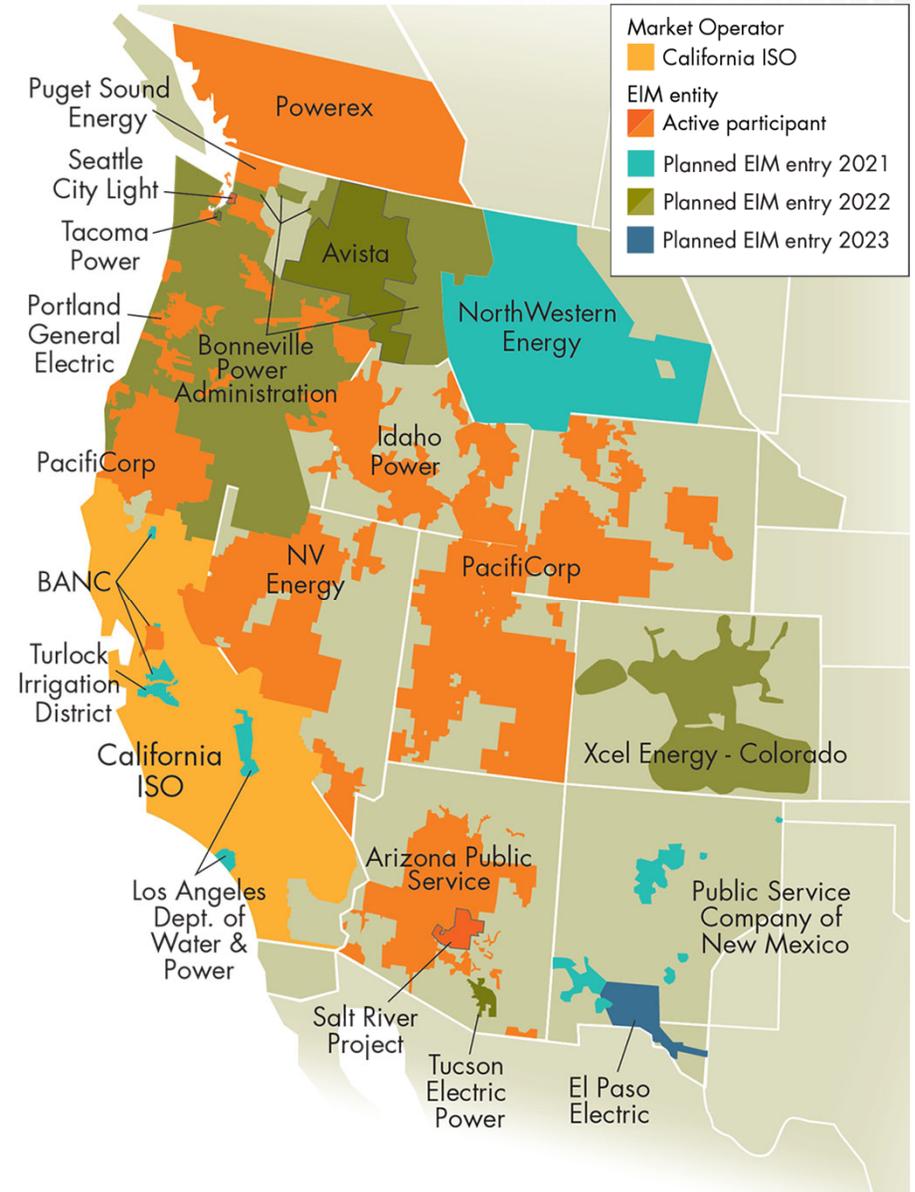
- Balancing Area of North California – Phase2 / Western Area Power Administration ... 3/25/21
- Turlock Irrigation District ... 3/25/2021
- Los Angeles Department of Water and Power ... 4/1/21
- Public Service Company of New Mexico 4/1/21
- NorthWestern Energy ... mid-June, 2021

2022 EIMs

- Avista Utilities
- Bonneville Power Administration
- Tacoma Power
- Tucson Electric Power
- Xcel Energy – Colorado

2023 EIMs

- Avangrid
- El Paso Electric



EIM 2021 Special Considerations

- BANC
 - FNM promotion along with EIM cut-over
 - Member level forecasting, losses, base load, Settlements
 - Logical interfaces between SMUD and WASN
- LADWP
 - Splitting of Glendale and Burbank
 - HVDC Modeling & Constraints
 - Resources & ETSRs
 - Optimize LA & CAISO shares
 - Non-EIM shares
 - Castaic Pump Storage dynamic limit grouping constraint

Overall Market Update for New EIMs

- Performance Summary
 - Excellent passing Test results
 - Prices are reasonable based on bidding trends
- Settlement Summary
 - Overall, settlement charges and payments seem reasonable.
 - There were some cases required correction and the corrected values will be picked up at the T+70B statement.
- Top reported issues
 - Revised historical Load forecast due to non-confirming load
 - Investigation of ACE events
 - UI performance
 - Software defects

2022 EIM Implementation Timeline

- BPA, Avista and Tacoma will all go live on 3/2/22, with an extended Joint Integration and Parallel Operations timeline.
- Tucson and PSCo will go live on 4/1/2022.

