

# CAISO External Load Forward Scheduling Rights Process Workshop

## *BANC Stakeholder Presentation*

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### **BALANCING AUTHORITY OF NORTHERN CALIFORNIA**



A JOINT POWERS AUTHORITY AMONG  
Modesto Irrigation District, City of Redding, City of Roseville, Trinity Public Utilities District, City of Shasta Lake, and Sacramento Municipal Utility District  
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# *Topics*

- BANC Background
- Prioritization of Efforts
- Transparency
  - Tariff and BPM Consolidation
  - Forward Visibility
  - Validation Before and After the Fact
- Conclusions



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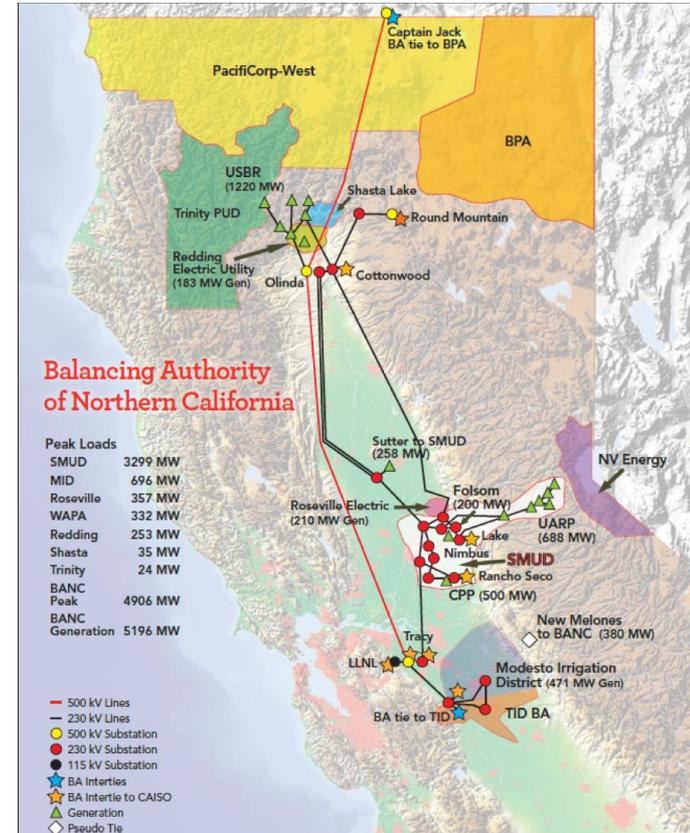
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# BANC Background

- Balancing Authority of Northern California
  - Modesto Irrigation District (MID)
  - City of Redding
  - City of Roseville
  - Sacramento Municipal Utility District
  - City of Shasta Lake
  - Trinity Public Utility District
- Contract Relationships
  - WAPA – SNR: 230kV system
  - Transmission Agency of Northern California (TANC): 500kV California-Oregon Transmission Project (COTP)
- Operating Information
  - Generation: ~5200 MW
  - Load: ~5000 MW Peak
  - Import capability: ~5000 MW



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# *Prioritization of Efforts*

## **Bifurcation of wheeling and export priority**

- CAISO Phase One – June 1, 2022 sunset for wheeling treatment and its importance requires this topic be afforded the highest priority to resolve.
- CAISO Phase Two – Export priority issue needs attention, but not to the same degree as wheeling
- Transparency issues should be dealt with in Phase One



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# *Transparency*

## **Tariff and BPM Consolidation**

- Need for clarity and alignment between Tariff, BPMs and SIBR rules
- Disparate sources of needed information using analogous terminology
- Flaws in logic of rules not capturing intent
- Confusion lends to multiple interpretations between purchaser, supplier and CAISO
- Stressed conditions manifested issues never before seen or contemplated
  - Misapplication of Derates
  - Other artificial limits on Non-RA Capacity in CAISO calculations



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# *Transparency*

## **Forward Visibility**

- DA set-up activities should be clear and calculable between purchaser and supplier and predictable as to how actions will be interpreted and managed by the market.
- These same components are needed in the RT time frame as well.
- Simple tools or validations would be useful.



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# *Transparency*

## **Validation Before and After the Fact**

- Example - PT status means exports are on par with CAISO Load.
  - Currently requires a workaround for CAISO RT Operations staff that is susceptible to breaking down in stressed conditions.
  - After an event there is no visibility or ability to reconcile the export status as having been “actually” treated on par with CAISO Load.
    - Currently, it is a black box
    - Should be transparent to the greatest extent possible to ensure non-discriminatory treatment of CAISO Load and Export (and Wheels)
- The significant consequences to curtailments should drive additional accuracies and accountabilities.



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# Conclusions

- Prioritization of efforts should focus on the highest market impact issues first.
- Transparency is a needed attribute for all market related activities and interactions amongst counterparties and the market operator.
- Validation and the ability to reconcile activity lends credibility to the market.



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