

# System Conditions and Assessment

**TIPSC**

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# System Conditions

- April/May COI N>S reductions primarily due to W>E Hemmingway – Summer Lake Flows
- April 26, 28 & 29 2012 PDCI
  - N>S reductions imposed due to insufficient generation drop capability to support exports. Capacity reduced from 2990 MW to 2350 MW and 2431 MW
  - Transmission and Power coordinating to minimize derates during Spring runoff period.

# System Conditions

- April 24, declared Transmission System Emergency West of McNary
  - Path SOL exceedence due to unplanned equipment failures combined with Transmission outage
  - In HE17,
    - Requested Power provide Discretionary Redispatch (denied)
    - Implemented transmission schedule curtailments twice, requested Power Service provide NT Redispatch (denied)
  - Declared Transmission Emergency and directed Emergency Redispatch to mitigate path SOL exceedence, violated non-power constraints

# System Conditions

- March 1, Northern Intertie S>N SOL exceedence
  - Inaccurate SCL outage entered in Final Coordinated Outage Plan for March
  - Studied outage included the Plan
  - Discovered error several hours after outage commenced resulting in SOL exceedence
  - Prepared and implemented revised studies for correct outage
  - Mitigation employed

# System Assessments

- 2012 Summer Preparation for Grid Operations
  - Involved Cal ISO, BANC, LADWP, PACW, PSE, WECC RC, and other smaller California participants
  - Conditions affecting COI/PDCI Operations
    - Transmission & Generation Outages
    - Load & Generation Forecasts
    - Loss of San Onofre Generation (~2200MW)