



# Public Safety Power Shutoff (PSPS) Program – Informational Call

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# Investor-owned utilities (IOUs) have Public Safety Power Shutoff (PSPS) programs to protect public safety

- The CPUC has reviewed & approved the IOUs' plans
- The IOUs' PSPS plans include all voltage levels (distribution to 500kV)
- PSPS triggers are based on meteorological data, vegetation, terrain, etc.
- IOUs evaluate conditions and determine which circuits will be de-energized
- IOUs direct the circuit de-energization at PSPS triggers
- IOUs are responsible for direct load management on circuit de-energization
  - Direct load management happens when the circuit feeding the load is de-energized

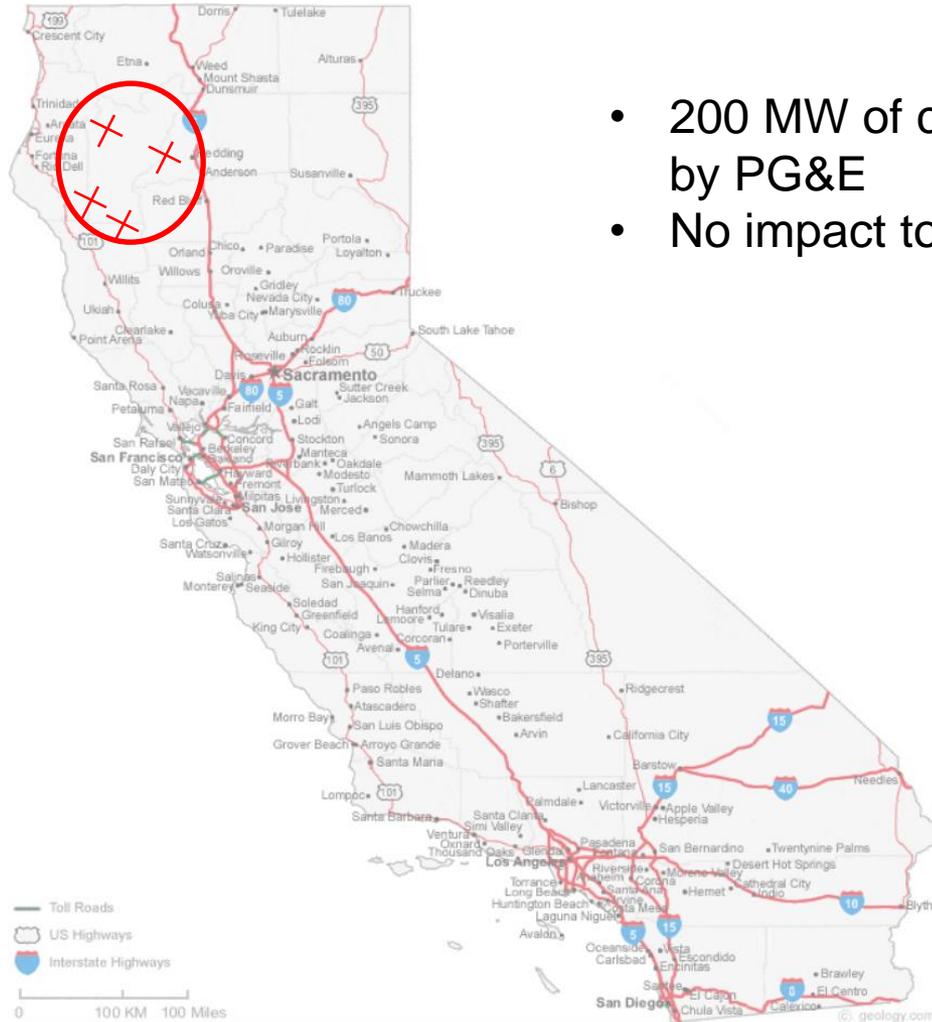
**Note:** These actions are independent of the CAISO responsibilities

# CAISO Principles

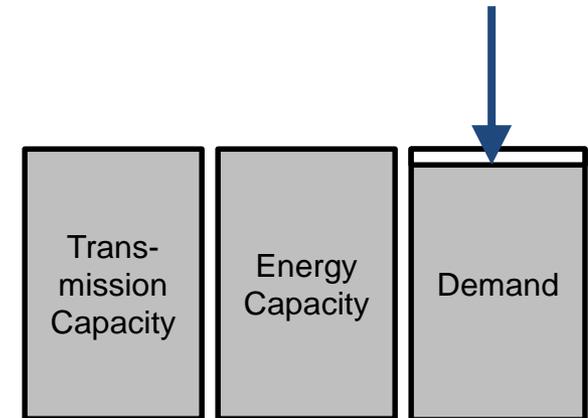
- Process the IOU's PSPS submitted transmission outages
- Analyze, identify & communicate PSPS impacts and required mitigation to the IOU, if sufficient time is given
- Maintain reliability of the Bulk Electric System (BES)
  - which may require additional load management in coordination with the IOUs
  - specific to the transmission system (not distribution)
- Confine PSPS outage impacts to the initiating IOU territory to the extent possible
- Confine PSPS outage impacts to CAISO Balancing Area to the extent possible

# A PSPS may have minimal impact on the BES

## PSPS Scenario 1 – 60kV & distribution level



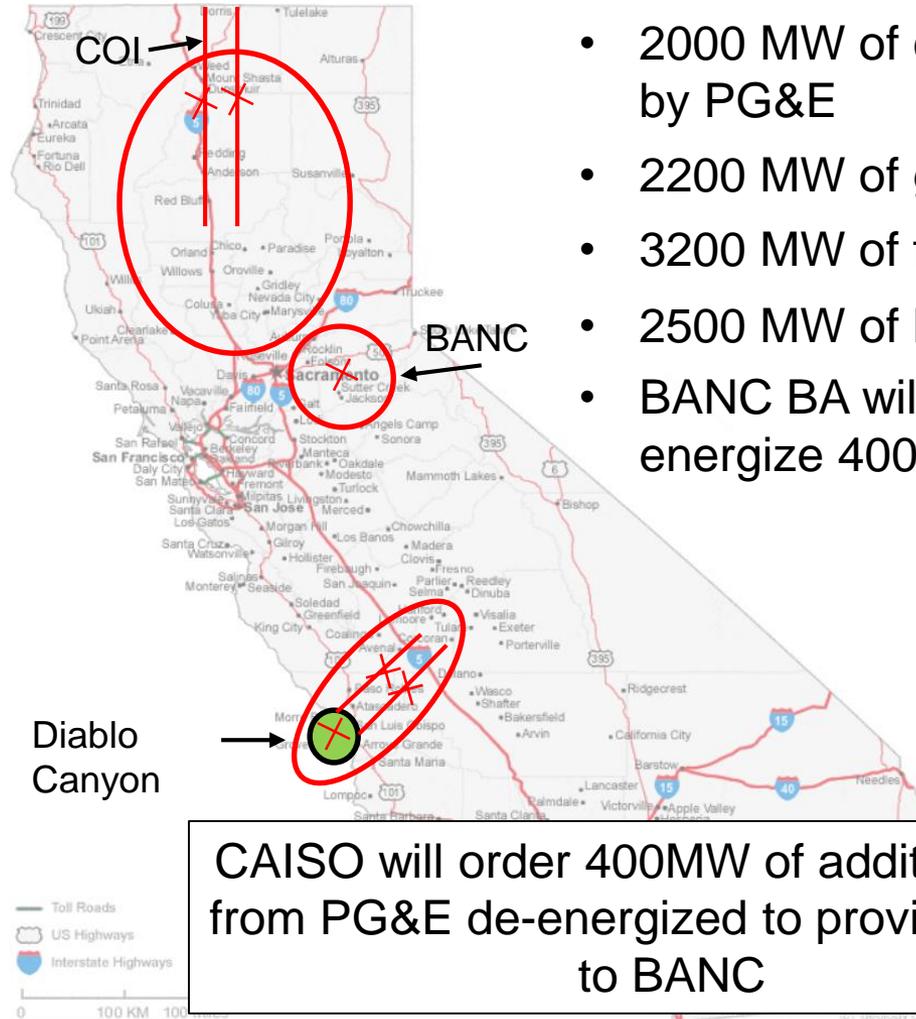
- 200 MW of customer demand will be de-energized by PG&E
- No impact to CAISO generation or transmission



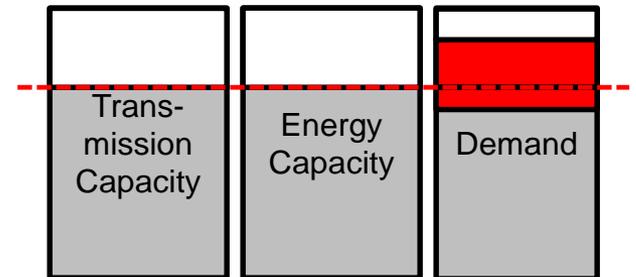
CAISO energy & transmission capacity available to meet demand

# A PSPS may have a significant impact on the BES

## PSPS Scenario 2 – BES level



- 2000 MW of customer demand will be de-energized by PG&E
- 2200 MW of generation will be forced off (Diablo Cyn)
- 3200 MW of transmission capacity will be lost (COI)
- 2500 MW of load will be ordered off by CAISO
- BANC BA will lose 900 of imports, and need to de-energize 400 MW of load to re-balance their system



CAISO energy & transmission capacity unable to meet demand

# PSPS Restoration

- Prior to re-energization, the IOUs are required to patrol and inspect all circuits that were de-energized.
- Complete restoration may take several days, and will be coordinated by the IOU.

# Additional Resources

- **PSPS website**

Visit <https://prepareforpowerdown.com/>

- **Southern California Edison (SCE)**

Visit [sce.com/PSPS](https://sce.com/PSPS) | Call 1-800-655-4555

- **San Diego Gas & Electric Company (SDG&E)**

Visit [sdge.com/wildfire-safety](https://sdge.com/wildfire-safety) | Call 1-800-411-7343

- **Pacific Gas and Electric Company (PG&E)**

Visit [pge.com/wildfiresafety](https://pge.com/wildfiresafety) | Call 1-866-743-6589

- **CAISO PSPS Fact Sheet**

Visit ISO [Summer Readiness](#) webpage for a [fact sheet](#).

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