
State Water Contractors Energy Initiatives

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Topics

AFFORDABILITY & VARIABILITY AS
A DRIVER

SWP/SWC VALUE TO CALIFORNIA
GRID

KEY INITIATIVES



Affordability / Variability driving policy

GRID SUPPORT & OPPORTUNITIES

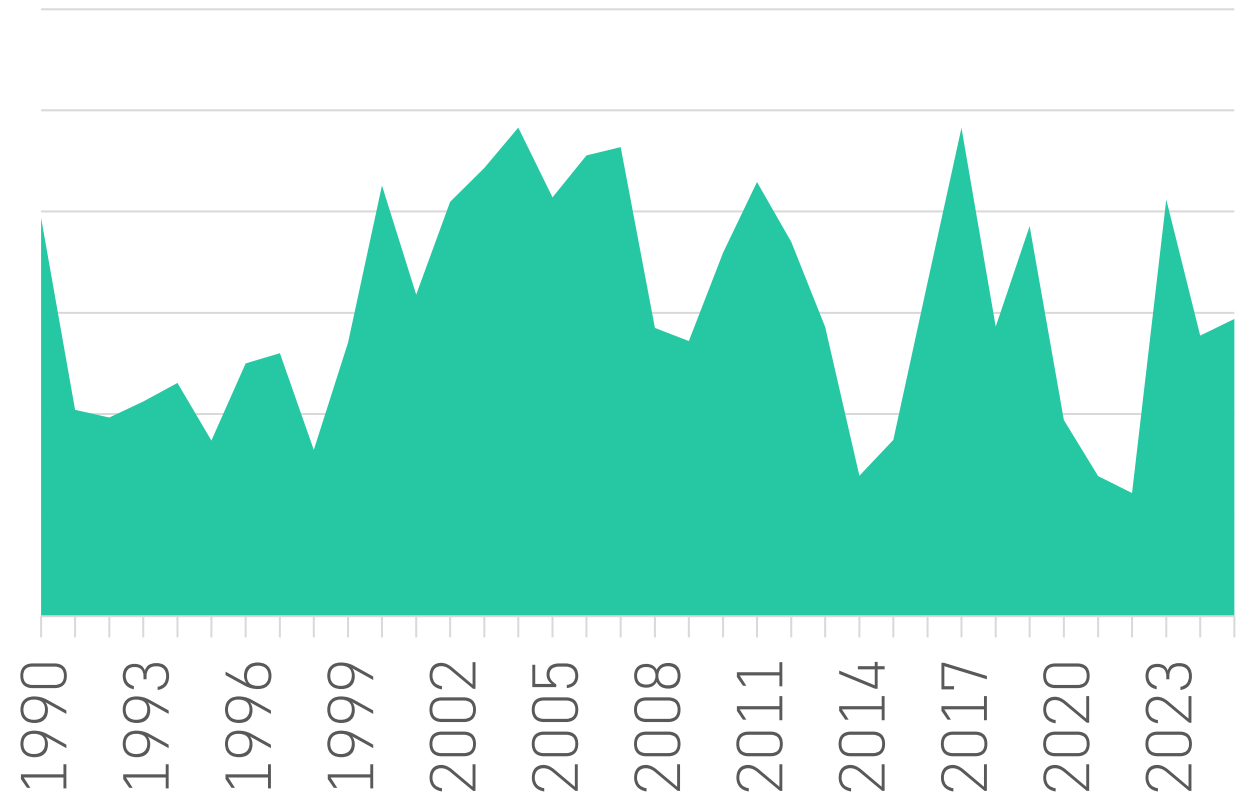
2035 CLEAN ENERGY GOAL

TRANSMISSION ACCESS CHARGE REFORM

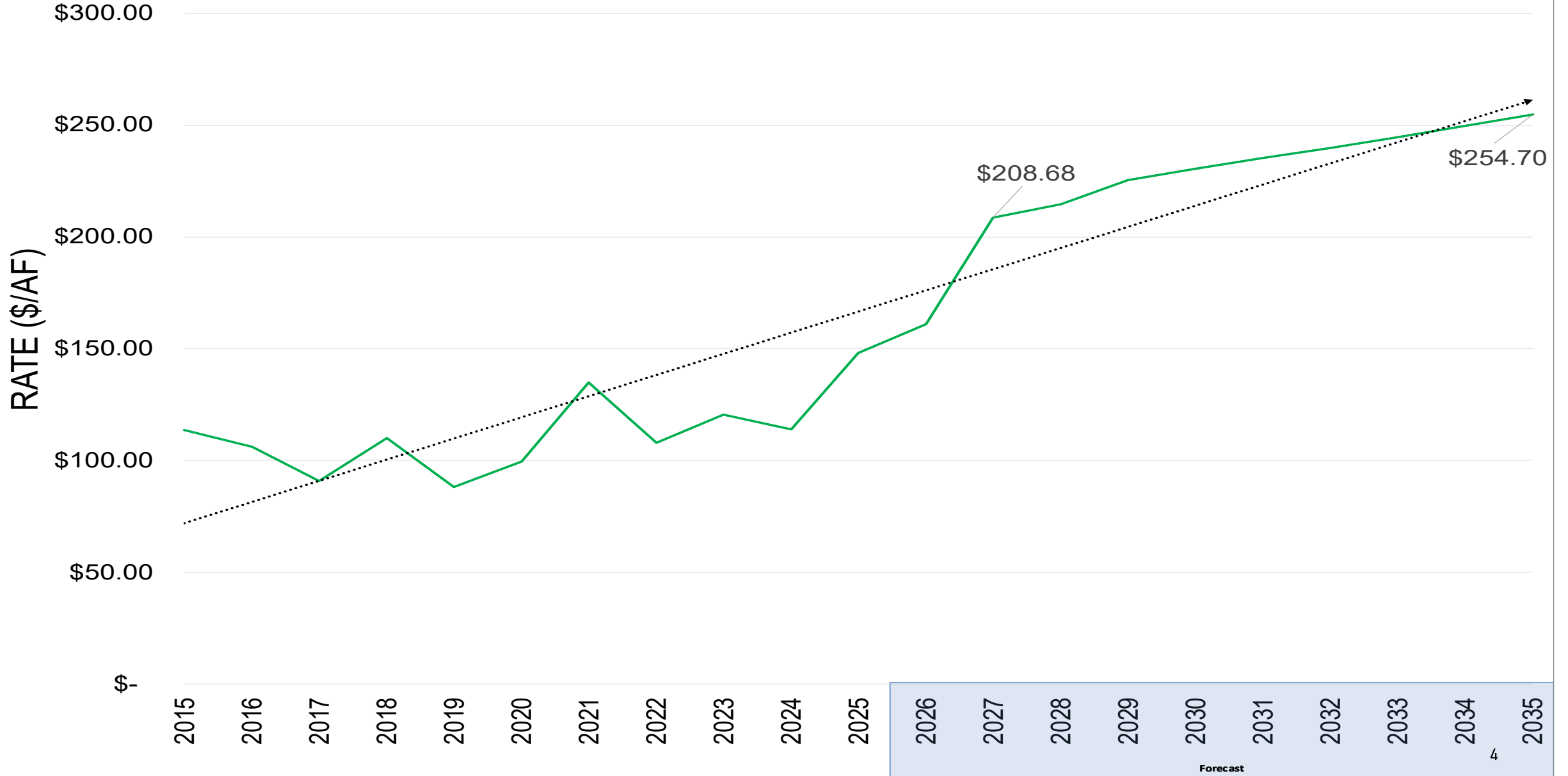
LEGISLATIVE OPPORTUNITIES

Net Pumping LOAD
(SWP Operations Summary)
(MWh)

12,000,000
10,000,000
8,000,000
6,000,000
4,000,000
2,000,000
-



SYSTEM WATER DELIVERY RATE \$/AF



State Water Project's Support of the Grid

- **Summer of 2022**, DWR-SWP reduced its load to **zero during critical hours** and increased generation.
 - A total load shift of 600 to 800MW's each day over a 6-day period
- **Summer of 2024**, DWR-SWP called upon during 4 separate events to help during near grid emergency events.
 - In the first 2 weeks of July DWR-SWP was able to shift its load to a net generation of over 900 MW (super peak relative to non-super peak hours) all while having to manage a fire near Oroville
- **Contractor Actions:** SWC member agencies and member units continue to incorporate clean energy / load shifting into operations

Initiatives of interest

- CAISO
 - Transmission Access Charge Structure Enhancements
 - Demand and Distributed Energy Market Integration
- Oroville License
 - Potential issuance in 2026; will impact hydrogeneration / flow
 - Over \$1 billion commitment
- Subsidence
- Oroville Pump Storage Restoration
- Water Storage Investment Program Projects – Impacts to hydrogeneration



SETTLEMENT AGREEMENT FOR LICENSING OF THE OROVILLE FACILITIES

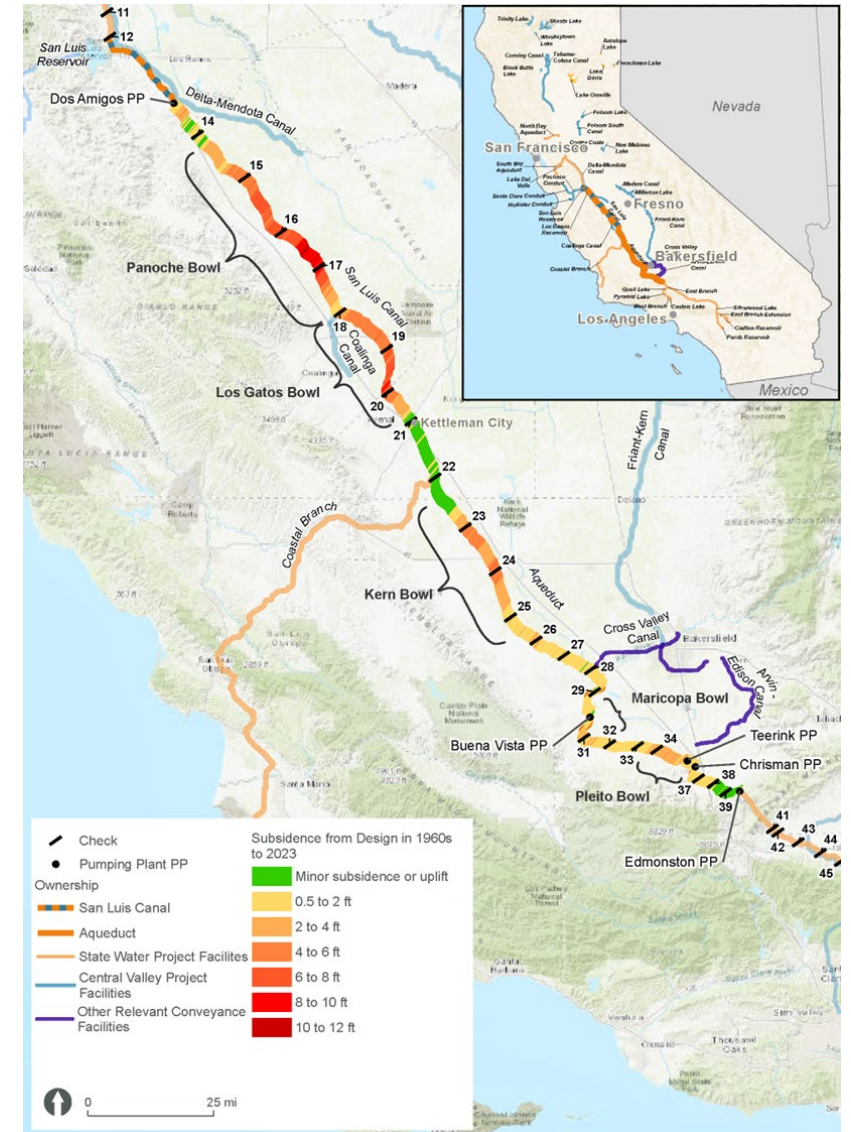
FERC Project No. 2100

March 2006

State of California
Resources Agency
Department of Water Resources

Legislation of interest

- SB 943 (Becker) – Requests CAISO start an initiative related to the Transmission Access Charge structural enhancements and requires the California Public Utilities Commission to submit recommendations. **SWC supports.**
- SB 952 (Laird) – **Sponsored by SWC.** Would give DWR additional flexibility in meeting the goal of 100% clean energy by 2035.
- SB 872 (McNerney) – **Sponsored by SWC.** Funding for subsidence / Delta levee repair.



Questions

