

# Diablo Canyon Power Plant Potential Continued Operations

**Presented by:**  
**Maureen Zawalick**  
**Vice President, Business and Technical Services**

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# Topics

- **Diablo Canyon Power Plant (DCPP) Overview**
- **CA History of Nuclear**
- **Recent Changes to California Energy Policy**
- **Concurrent Planning Paths**
- **Near-Term Milestones**



# DCPP Overview

- **Two Westinghouse pressurized water reactors (PWRs)**
- **Operating licenses DPR-80 and DPR-82**
- **DCPP operations began:**
  - Unit 1: May 1985
  - Unit 2: March 1986
- **Current operating license expirations:**
  - Unit 1: November 2024
  - Unit 2: August 2025
- **9% of CA's energy**
- **~20% of CA carbon free energy**



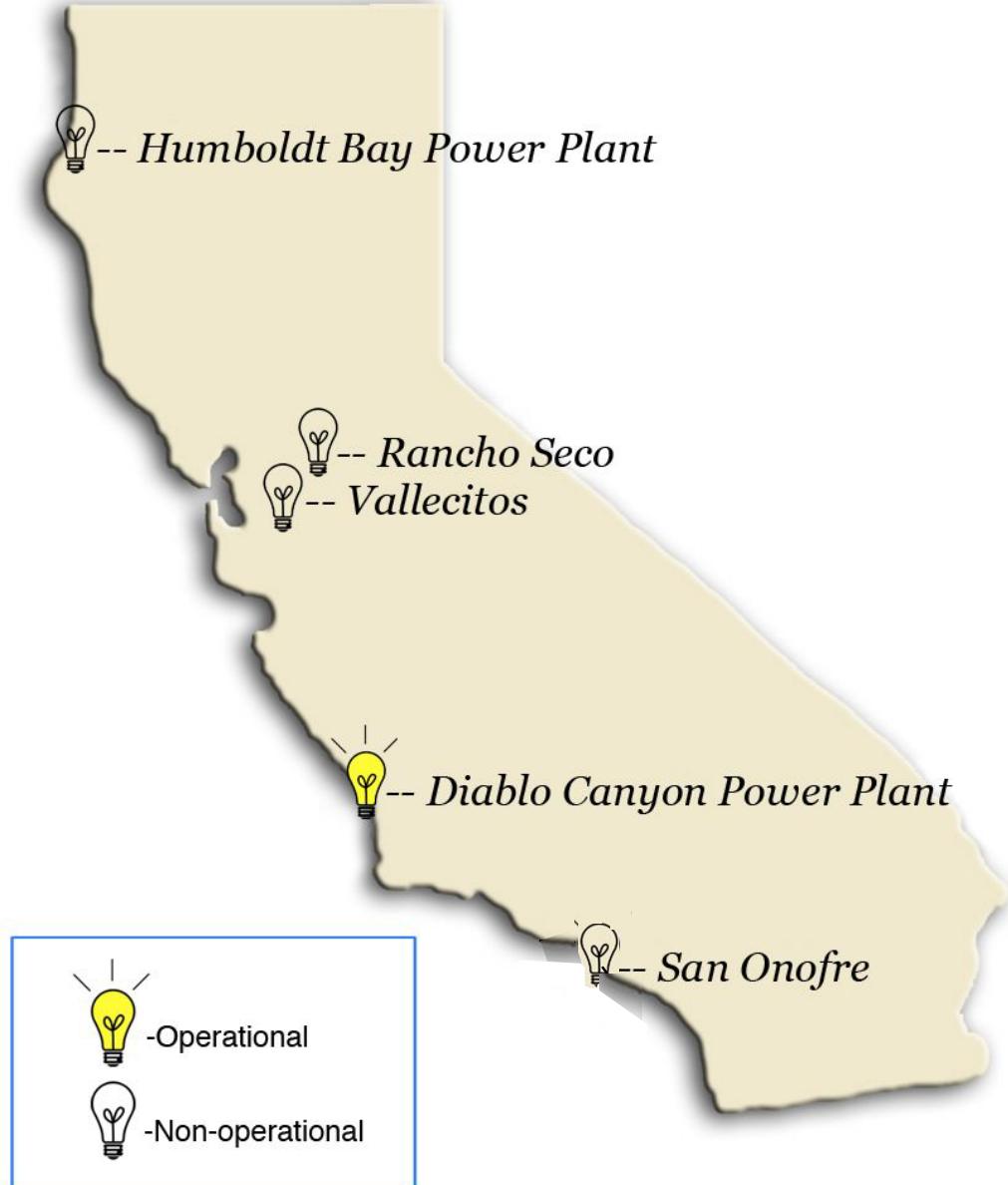
# California's History in Nuclear

**California was  
a pioneer in  
early nuclear**

**GE/PG&E  
obtained  
Atomic Energy  
Commission  
power reactor  
license #1**



# Nuclear in California



**DCPP is the  
last  
operating  
nuclear plant  
in California**

# PG&E Stands and Virtues

## OUR PURPOSE: WHY we exist

- Delivering for our hometowns
- Serving our planet
- Leading with love

## OUR VIRTUES: WHO we need to be

- Trustworthy
- Empathetic
- Curious
- Tenacious
- Nimble
- Owners



## OUR STANDS: WHAT we will deliver

### PEOPLE

Everyone and everything is always safe.  
Catastrophic wildfires shall stop.  
It is enjoyable to work with and for PG&E.

### PLANET

A healthy environment and carbon-neutral energy system shall be the reality for all Californians.

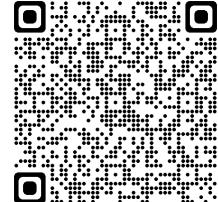
### PROSPERITY

Our work shall create prosperity for all customers and investors.

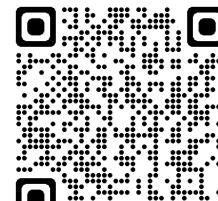


# State and Federal Changes Due to Projected Energy Shortfall

## Assembly Bill (AB) 180

- Signed by the California Governor on June 30, 2022 
- Authorized \$75 million for near-term fuel purchasing, fuel storage, licensing and project team to preserve option of extended DCPP operations

## Senate Bill (SB) 846

- Signed by the California Governor on September 2, 2022 
- Directed PG&E to pursue continued operations for 5 years beyond 2025
- Addresses both near-term and long-term funding needs
- Includes state policy "off ramps" that could terminate the path of renewing the operating licenses

## U.S. Department of Energy Civil Nuclear Credit Program

- DCPP has been certified to participate in the program's first award period

# Why Now? Immediate Actions Underway

- 1. Fuel Purchasing:** Two-year lead time – working on fuel for outages in 2024 and beyond
- 2. Spent Nuclear Fuel Storage:** up to two-year lead time to contract, manufacture, transport, and load canisters to support continued core reloads
- 3. Regulatory Processes:** Complex federal and state applications underway for permits and funding – including State of CA, and Federal (NRC license renewal (LR) application and US Dept. of Energy (DOE) civil nuclear credit program)
- 4. Organization:** Restarted LR application preparation, inspection program development, organizational adjustments, and implementation of LR NRC commitments as directed by SB 846

# Being Nimble and Tenacious

**The industry needs to embody these traits in today's dynamic regulatory environment**

- Diablo Canyon has a great track record at being tenacious
- Our industry needs to work at being nimble
- Need to deliver for our hometowns and our planet

Los Angeles Times

CALIFORNIA

Newsom signs bill to keep Diablo Canyon nuclear plant open

PLANET

A healthy environment and carbon-neutral energy system shall be the reality for all Californians.

# Paths Due to California Energy Policy Changes

## 1. DCPP Retirement 2024/2025

- Continue key decommissioning planning to secure items already in progress
  - **Diablo Canyon Decommissioning Engagement Panel**
  - **San Luis Obispo County: Decommissioning development planning**
  - **Nuclear Regulatory Commission (NRC): Decommissioning license actions**
  - **CA Public Utilities Commission: Nuclear Decommissioning Cost Triennial Proceedings**
  - **Diablo Canyon land activities**

SB 846  
Enacted  
(Sep 2, 2022)

## 2. DCPP Continued Operations

- DCPP license renewal efforts with NRC and State agencies
- Dept of Energy conditionally granted PG&E Civil Nuclear Credit funds (up to \$1.1B)
- Coordination with State's Secretary of Natural Resources
- Employee retention

# Near-Term Milestones

## By Q1 2023

- CEC and CPUC provide joint Reliability Planning Assessment identifying estimates for the electrical supply and demand balance for the forward 5- and 10-year period under high-, medium-, and low-risk scenarios
- CPUC to open new proceeding focused on SB-846 implementation
- NRC determine regulatory approach for License Renewal Application
- CEC, CAISO, and CPUC determination on “need” to extend DCPP operations to ensure reliability

CEC: CA Energy Commission

CAISO: CA Independent System Operator

CPUC: CA Public Utilities Commission

# Near-Term Milestones (continued)

## By Q2 2023

- PG&E to make a filing with the CPUC containing detailed description of accounting structure for DCPP continued operations cost recovery after holding a meet and confer with CPUC-jurisdictional LSEs
- File application for extension of DCPP Employee Retention Program
- Engage CA Legislature regarding authorization for remaining Department of Water Resources funding (\$800M) and clean-up items from SB-846

# Questions?

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