

# Diablo Canyon Power Plant Potential Continued Operations

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

- **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 GHG free**





# 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 - currently no fuel for Unit 1 in 2024
- 2. Spent Nuclear Fuel Storage:** Two-year lead time to contract, manufacture, transport, and load canisters to support continued core reloads
- 3. Regulatory Processes:** Initiate complex federal and state applications for permits and funding – including US Dept. of Energy (DOE) grant application process
- 4. Project Team:** Restarted license renewal (LR) application preparation, inspection program development, and implementation of LR NRC commitments as directed by SB 846




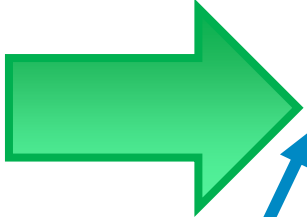
# Paths Due to California Energy Policy Changes

## 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**

## 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)
- Coordinate with State's Secretary of Natural Resources
- Develop employee retention



**SB 846  
Enacted  
(Sep 2, 2022)**



# Near-Term Milestones

- By **Jan 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
- **Q1 2023**: CPUC to open new proceeding focused on SB-846 implementation
- **Q1 2023**: NRC determine regulatory approach for License Renewal Application
- By **Mar 1, 2023**: CEC, CAISO, and CPUC determination on “need” to extend DCCP operations to ensure reliability

CEC: CA Energy Commission

CAISO: CA Independent System Operator

CPUC: CA Public Utilities Commission



# Near-Term Milestones (continued)

- By **Mar 6, 2023**, and after holding a meet and confer with CPUC-jurisdictional LSEs, PG&E to make a filing with the CPUC containing detailed description of accounting structure for DCPD continued operations cost recovery
- **Q1/Q2 2023**: File application for extension of DCPD Employee Retention Program
- By **Jun 30, 2023**: engage CA Legislature regarding authorization for remaining Dept of Water Resources funding (\$800M) and clean-up items from SB-846



# Questions?

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