

DOCKETED	
Docket Number:	21-ESR-01
Project Title:	Energy System Reliability
TN #:	244703
Document Title:	Nicholas Janssen Comments - Save Diablo Canyon
Description:	N/A
Filer:	System
Organization:	Nicholas Janssen
Submitter Role:	Public
Submission Date:	8/12/2022 10:40:24 AM
Docketed Date:	8/12/2022

Comment Received From: Nicholas Janssen
Submitted On: 8/12/2022
Docket Number: 21-ESR-01

Save Diablo Canyon

I fully support the continued operation of the Diablo Canyon Power Plant beyond 2025, it produces 10% of the state's entire energy portfolio and 15% of it's zero emissions portfolio. Nuclear provides a consistent, 24/7 source of emissions-free baseload power that reduces the the need for fossil fuel powered generation used to balance variable renewable energy output. Closing the plant will result in a significant increase in CO2 emissions as natural gas and other fossil fuels are used to replace it. In a recent study from Stanford and MIT, it found that even delaying the retirement of Diablo Canyon to 2035 would reduce California power sector carbon emissions by more than 10% from 2017 levels and reduce reliance on gas, saving \$2.6 Billion in power system costs, and bolster system reliability to mitigate brownouts. If operated to 2045 and beyond, Diablo Canyon could save up to \$21 Billion in power system costs and spare 90,000 acres of land from use for energy production.