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*Comment Received From: Kim Keith
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Diablo Canyon Power Plant

Additional submitted attachment is included below.

From: [Kim Keith](#)
To: [Energy - Docket Optical System](#)
Subject: Docket Number 21-ESR-01 - Diablo Canyon Power Plant
Date: Friday, August 12, 2022 11:17:23 AM

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I offer my support for the continued operation of Diablo Canyon beyond 2025.

In this year of continued climate influenced disasters, the shuttering of clean, green energy that will most likely be replaced by fossil fuels should be unthinkable. I reference also the recent decision in the State of New York to close Indian Point where fossil fuel consumption is being used to replace nearly all the lost power. Repeating the same mistake should not be allowed.

Nuclear power has shown to be a workhorse in this country. US plants consistently rank among the best run in the world. Strong regulation and risk analysis techniques have strengthened safety over many decades since Three Mile Island. While waste storage remains an issue, technology has shown that safe means are available.

Additional rationale for my position is as follows:

Power Demand

- California's Energy Agencies have concluded that the CAISO-operated grid will be [short 1.5 - 2 GWs](#) between now & 2026. The past two summers have demonstrated that additional sources of energy are needed to deal with intense weather events.
- This summer, CA was forecasted to be [short 1.7 GWs](#) = power for 1.3 million homes. (This does not include intense weather conditions from heatwaves or dropped power lines from fires)
- According to a recent [study from Stanford and MIT](#), **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, save \$2.6 Billion in power system costs**, and bolster system reliability to mitigate brownouts.

Environmental Consequences:

- If Diablo Canyon is prematurely closed, it will be equivalent to [removing all the wind turbines in the state.](#)
- This single nuclear plant displaces [7 million tons](#) of CO2 each year!
- The lost power will be replaced with fossil fuels, which would emit [15.5 million metric](#) tons of additional GHG emissions between now & 2030.

Social Justice Issue:

- California residents saw their [electricity \(residential power\) prices](#) jump by

nearly 12% to an average of 22.85 cents per kWh. Californians now pay about **66% more** for electricity than the rest of the USA, who pay an average of 13.72 cents per kWh.

- The costs of our energy policies are placed on the low and middle classes. The lack of clean baseload power has forced us to enact "[power down](#)" efforts between 4-9. However, this critical time is when families come home from work & need to eat dinner, wash their clothes, and do homework with their kids. If they are not able to "conserve" they are penalized with high electricity prices.

While I do not reside in CA, I have a daughter, a grand-daughter and another to be added in the next couple of months. I want them to have clean, safe and reliable power. I live in the east; so, I also don't want additional pollutants in the atmosphere that may ultimately traverse my home.

Please support legislation to continue operation of Diablo Canyon.

Regards,
Ken Keith
