

DOCKETED	
Docket Number:	21-ESR-01
Project Title:	Energy System Reliability
TN #:	244681
Document Title:	Rebecca Ramaley Comments - Clean baseload energy
Description:	N/A
Filer:	System
Organization:	Rebecca Ramaley
Submitter Role:	Public
Submission Date:	8/11/2022 7:31:04 PM
Docketed Date:	8/12/2022

Comment Received From: Rebecca Ramaley
Submitted On: 8/11/2022
Docket Number: 21-ESR-01

Clean baseload energy

It is critical to keep Diablo Canyon operating to ensure a healthy economy and thriving populace alongside California's and surrounding states' decarbonisation aspirations. I do not see a more reliable and proven way than nuclear to provide clean, stable baseload energy to supplement and back up intermittent, unpredictable, and footprint-intensive renewables -renewables which currently depend strongly on cheap labour and energy intensive Chinese manufacturing, the available supply of critical minerals of things such as lithium, cobalt, and rare earths and the availability of (as yet untested) massive quantities of grid scale battery storage. Diablo alone is not enough (we need much more nuclear), but its a start - it is already built and operating so it and its risks are well known to us. I believe we would incur much higher costs (economic, environmental, social) over the short to medium term if we shut Diablo and had to find replacement energy supply. I also believe the risks associated with keeping it open have either already been sufficiently addressed or, in the face of the alternative non-nuclear scenarios, are risks / issues worth bearing and continuing to work to manage and mitigate. Diablo is a landmark decision - as with Germany and their current decisions around reactor life extensions, the world is closely watching this one.