

**DOCKETED**

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## **Re-Consideration of Ocean Wave Energy Utility-Scale Electricity Generation**

1. The near-shore ocean wave energy resources of the California coast line could provide California over 34 GW's of always-on base load zero carbon electricity with little-to-no backup systems at a cost competitive with onshore wind and solar with backup.
2. California led the way in the US in 2008-2010 with the PG&D Wave Connect project to investigate converting this available ocean wave resource to low-cost electricity.
3. Significant, order of magnitude improvements in utility-scale generation at low LCOE have been made in wave energy converter generation and control technology. have been made since the Wave Connect Project.
4. The US Department of Energy has recognized and started initial funding of the development of these improvements.
5. California energy consumers and the California environment will be major beneficiaries of cost-effective, utility-scale wave energy conversion.
6. It is recommended that the encouragement, support and funding of Ocean Wave Energy Conversion technology development, testing and deployment should be a significant part of the California Energy Commission/EPIC planning and investment for California's zero-carbon future.