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21 ER 01 Joint Agency Workshop, Diablo Canyon

Extending Diablo is Unnecessary to Achieve Our Zero-Emission Energy Future

The CPUC and utilities have been planning to achieve our renewable energy goals under the assumption that Diablo Canyon would indeed go offline. Nuclear power plants crowd renewable energy off the electric grid. Instead of wasting millions of dollars extending the operating license of Diablo Canyon Nuclear plant, we propose using new state funds to:

Accelerate investments in batteries which can be brought online far more rapidly than new gas generation or fixing Diablo Canyon to address tsunami and seismic risks.

Batteries provide:

Rapid response to provide extra energy needed for peak demand on hot days

Multiple other benefits/uses for batteries

Use for midday solar peak to charge (instead of curtailing/wasting energy)

Emergency back-up power if grid goes down

Flexible grid support and integration

Accelerate investment in Demand Response strategies and mandate CEC and CPUC policy with specific targets to unleash Demand Response.

Demand response provides flexibility to reduce (â€œshedâ€œ) demand at peak and net peak periods or shift demand to meet other grid needs

Demand flexibility can reduce electricity peaks, saving ratepayer money and keeping lights on

Demand response is a clean resource, consistent with our climate goals and can be planned in a way that supports environmental justice communities