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CITY OF SHASTA LAKE

AB 2514 Compliance Filing 2020

Adopted Energy Storage Targets & Policies

City of Shasta Lake (COSL) did not find any commercially available energy storage systems viable and cost effective, and therefore did not adopt any energy storage targets.

COSL is committed to evaluate energy to systems periodically for their potential as a component to the City's wholesale power portfolio. To support this effort, Northern California Power Agency, working with large publicly owned electric utilities, contracted with Smart Electric Power Alliance to assess energy storage technologies and certain cost-effectiveness measures. After reviewing the SEPA analysis, COSL still does not find energy storage as a viable or cost-effective technology to invest in at this time under programs that are deployed at a customer account level.

Overview of Energy Storage Portfolio

COSL does not currently have any existing energy storage projects in its wholesale portfolio.

Key Factors Impacting Energy Storage Procurement

COSL has not set targets or procured energy storage because it was determined not to be cost-effective for the City as a standalone wholesale portfolio resource at this time. COSL will continue to review and identify projects that are cost-effective specifically for the City utility and energy portfolio as technology advancements are made and market conditions change. COSL continues to evaluate energy storage offerings as part of hybrid generation/storage renewable energy systems, which appear to be of growing importance given the severe adverse impacts photovoltaic-only and wind-only resources have on grid reliability.