

# Grid Services

## **Grid services**

Customer-sited storage is a powerful resource that delivers reliable services to the grid while helping customers understand and transform their energy use.

Stem works with leading utilities, grid operators and retailers to harness our aggregated storage network as a cost-competitive, controllable and fast-acting resource where it matters most. With customer-sited storage, installation is faster and less complex than alternative storage resources requiring space, involved siting and complex interconnection processes.

Stem works with leading grid operators to solve a variety of grid challenges with Stem's storage network.

- Delivers capacity in congested areas
- Supports high penetrations of intermittent renewables like solar and wind
- Creates a guaranteed demand response resource
- Delivers powerful frequency regulation
- Provides visibility behind the meter

## **Grid Partners**

Stem is actively engaged in programs with Hawaii Electric Company (HECO), Southern California Edison (SCE), Pacific Gas and Electric Company (PG&E), Sacramento Municipal Utility District (SMUD) and the California Independent System Operator.

Within SCE's Local Capacity Requirements procurement, Stem was awarded 85 MW of customer-sited storage to be used as a fast-acting and precise capacity resource in the highly congested West Los Angeles Basin region.

In Hawaii, Stem is working with HECO to help customers lower electric bills with storage. At the same time, HECO is able to aggregate Stem's storage network as a firming capacity to mitigate quality and control challenges as a result of high penetrations of renewables like solar and wind.