

Case Study: Fortune 100 Logistics Company

Logistics Company Taps Stem as Key Energy and Sustainability Advisor

A Stem customer is a Fortune 100 global shipping and logistics provider that delivers packages in more than one hundred countries around the world. Sustainability is a key priority: the company has set goals for both reducing greenhouse gas (GHG) emissions and increasing the share of renewable energy it consumes. Stem's energy storage platform is helping the company achieve both goals while integrating clean energy solutions and achieving substantial cost savings.

As it strategizes about combining multiple assets into advanced clean energy microgrids at its future facilities, Stem is advising the company on the unique role energy storage can play as a system integrator and the value of having a scalable, AI-powered services platform.



Challenge

As a global logistics provider, the company relies on enormous amounts of energy to serve customers. As a sustainability leader, it must solve its core emissions challenge: delivering more while emitting less. It had lowered energy consumption costs via direct access contracts but it lacked a means of reducing its demand charges, which remained uncomfortably high.



Solution

Stem installed an 880kWh energy storage system site, backed by a performance guarantee to ensure energy savings materialized. The resulting Energy Services Agreement and the immediate savings it provided were a milestone for the company, which had waited years for returns from past capital investment projects.



Results

The project has performed as expected, delivering automated revenues that have been an important windfall for the company, particularly during the COVID pandemic. We now have a dozen projects together across the U.S. and Canada, with more in development that increasingly incorporate EV infrastructure to support the company's sustainability goals.

Location

San Gabriel, CA

Facility Type

Shipping and Logistics

Solutions

Energy Storage,
Utility Bill Optimization,
Demand Response,
Professional Services

10-year Savings

\$250K

Energy Storage System Size

220kW / 880kWh

Commercial Operation Date

September 2019