

# Case Study: Top Food Processor

## Top US Baking Company exceeds guaranteed savings by 160+% with Stem's Athena®

As part of the Electrodes Holdings LLC portfolio, Stem is operating a 4MWh system in Southern California for one of the country's largest baking and food processing companies. Since Athena took control of the portfolio, the company achieved more than 160% of their performance guarantee between 2020 and 2021 due to co-optimization of demand charge management with demand response events during the Summer.



### Challenge

With locations worldwide, the US baking company required software performance improvements, including the ability to link multiple sites to a single platform. The company also sought better utility integration and connection to local grids to improve returns and increase time to value.



### Solution

By leveraging Stem's expertise in the California energy market, the baking company was able to improve their energy storage capabilities, UBO, and automated DR capabilities to achieve success.



### Results

With Stem's strategic utilization of California's SGIP, the baking company improved DR co-optimization that provided on-peak savings in excess of the performance guarantee. Athena's hourly optimization feature also allows set point maintenance for greater returns.

### Location

Southern California

### Facility Type

Baking and food processing

### Solutions

Energy Storage, Utility Bill Optimization (UBO), Demand Response (DR)

### Savings Impact

Achieved more than 160% of their performance guarantee

### Energy Storage System Size

4 MWh

### Commercial Operation Date

June 2020