Case Study: CPP Housing

Using Smart Energy Storage to Create More Sustainable and Cost-Efficient Communities

Established in 2004, Community Preservation Partners (CPP) works to strengthen and preserve affordable housing communities in California and across the U.S. while using partners of varying backgrounds and expertise to ensure residents receive a high-quality living experience. With more than 60 senior and family communities under its supervision, CPP provides residents with meaningful renovations to their homes, vibrant shared amenities, and social support services to enrich their lives. To further its mission and keep living costs affordable, CPP has instituted various sustainability initiatives at many of its properties.

At two of its properties in California, CPP turned to Stem to help manage energy use and optimize utility bills with smart energy storage. Stem's energy storage and sustainability solutions deliver energy use modeling & analysis, O&M reporting, demand charge management, and performance reporting. By ensuring its residents live in energy-efficient buildings, CPP saves money, reduces residents' costs, and delivers a unique living experience.

> "CPP has always been dedicated to bringing sustainable and energy efficient practices to our housing facilities. Stem's smart energy storage solution provides us with the data and insights to manage energy use, maximize incentives, and optimize utility bills to better serve our communities."
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> **Seth Gellis**
> Senior Vice President, CPP Housing

Location
Stockton, CA & Bellflower, CA

Facility Type
Community Housing

Solutions
Energy Storage, Utility Bill Optimization, Sustainability

Energy Storage System Size
36 kW / 72 kWh

Annual Savings
$6,540

Stem Operational Date
Fall 2016

Challenge

For CPP's multifamily and senior properties, the challenge of optimizing utility bills is difficult to solve alone. In California, already high rates stack on top of high utility bills associated with community housing, resulting in high costs for both residents and the owner. By implementing energy-efficient solutions to its preservation of affordable housing, CPP would save residents money and contribute to a more sustainable future.

Solution

Stem's expertise in energy storage software allows CPP to actively monitor its facilities' energy consumption, allowing for the reduction of monthly utility bills. With more precise control of electrical intake, energy costs can be reduced, saving both the company and its residents money.

Results

Stem's smart energy storage services allow CPP's Bellflower Friendship Manor and Franco Center communities to control the electricity taken from the regional power grid to optimize energy usage, saving the average resident around $120 per year. Both systems have exceeded their performance guarantee, yielding a positive result for CPP's sustainable brand as well.

To learn more about Stem's solutions, contact stem.com/contact-us.