

# Complete Energy Solutions

## Creating a cleaner future for Sacramento youth

### Case study: Children's Receiving Home of Sacramento

#### Project details

##### Building type

Educational and health care services

##### Square footage

2,775 ft<sup>2</sup>

##### Estimated lifetime carbon savings

76 tons

(equivalent to 18 cars removed from the road for one year)

##### Incentive amount

\$24,733

##### Contractor

M3 Services, LLC

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SMUD's net-zero 2030 goal is forward thinking, and we see it as one more way that we are investing in the youth that we serve. I think it would be a little short-sighted of us to do this work with these youth, and helping support them from a mental health perspective, but then neglecting the environmental issues that face the Sacramento area too.”

– Travis Murphy  
Facilities Director  
Children's Receiving Home



Children's Receiving Home of Sacramento (CRH) provides a range of services to youth in crisis, including mental health care, on-site preschool, and residential treatment. Each year, CRH serves hundreds of youth in the Sacramento region at their campus, which includes residential dormitory buildings, a gym, and an administrative building.

Creating a cleaner and healthier Sacramento is one more way CRH is investing in local youth. CRH is working with SMUD Complete Energy Solutions (CES) to replace all gas HVAC units with energy-efficient electric heat pumps over the next seven years. They plan to align their Go Electric HVAC replacements with SMUD's 2030 goal to eliminate greenhouse gas emissions from electric generation.

In 2022, CRH replaced the most expensive and complicated HVAC unit in the gym that was out-of-service for a year. The gym provides important therapeutic recreation and reopened just in time for the preschool students to move recess inside during the cold winter months. CRH plans to replace the dormitory units next to make sure residents have reliable and comfortable living spaces. They are also working with SMUD to install solar PV in 2023 to offset a large portion of the administrative building's energy usage.

#### Installed Measures



Go Electric



Heat Pump  
HVAC

CES supports site assessments, energy efficient upgrades, gas-to-electric conversions, EV charger installations and much more!

Get started by submitting an interest form: [smud.org/CES](https://smud.org/CES)

This program is brought to you by SMUD and delivered by TRC and Brighton Energy. | [CES@trccompanies.com](mailto:CES@trccompanies.com) | 1-844-529-4084

