



Hospital

*DER Opportunity Assessment
Case Study*

Property Type:

Medical Center

Property Size:

130 beds

Property Location:

Hawaii

Local Utility:

Hawaii Electric Company

Unique Customer Motivations:

Carbon reduction goals

Operating expense savings

Increased operational efficiency

Resiliency and backup generation

Custom Best-Fit Project Recommendations

252kW Solar PV

125kW/500kWh Battery Storage

250kWkW Fuel Cell

Optimal Project Ownership Structure

Capital Purchase

Anticipated Annual Savings and Revenue

\$385,000

Anticipated Annual Carbon Reduction

1,289,600lbs

Customer Opportunity Summary

The hospital's load profile made it an excellent candidate for solar and storage. Typical heating requirements for daily operations also indicated a strong opportunity for a combined heat and power system. The hospital had prioritized a number of internal and regional carbon and sustainability goals, and the proposed recommendations would provide over 20% of the hospital's energy needs from clean, renewable generation sources.