



Greenbuild 2022 Legacy Project

June 16, 2022

Selection Prepared by the Greenbuild Host Committee - Legacy
Project Working Group for the Greenbuild Advisory Committee



Oakland Neighborhood Resiliency Hub Solar Battery Installation

California Interfaith Power and Light (CIPL) helps educate congregations on the theological basis for eco-stewardship and assists them in implementing programs to reduce their greenhouse gas emissions and become more energy efficient – therefore helping to mitigate the harmful effects of global warming.

Oakland Neighborhood Resiliency Hub Solar Battery Installation

BATTERY STORAGE

The Legacy Project would add a Battery Energy Storage System. This should supply regenerative power for basic building facilities and energy supply for urgent community needs.

RENEWABLES

Current Solar PV System, consisting of one 20.0 kWh battery module stack with one 6.0 kW battery inverter, and an automatic transfer switch providing backup power

PUBLIC HEALTH

1,700 annual asthma-related hospital visits per 100,000 residents in the Havenscourt/Millsmont community.



Faith Baptist Church

Oakland, California

This project addresses the Greenbuild Legacy project criteria through assisting **socially- and economically-marginalized communities** in safeguarding their **health and wellbeing** during dangerous situations like power outages and natural disasters. The Havenscourt/Millsmont community is **predominantly Black**, but the members of the community who will most benefit from this project are those with pre-existing health conditions, **children and senior citizens**.

This **resilience** project also addresses the need to **reduce carbon emissions** within the community through activities such as using **solar**, and it engages the broader local community in discussions and activities that raise awareness around **environmental sustainability** and carbon reduction. The facility itself will be a self-sustaining **zero energy** facility that will also be an **inspirational and innovative guide** for other congregations and community centers who are interested in reducing their carbon emissions while saving costs on electricity.

