



Power for Health

SUPPORTING ENERGY + HEALTH RESILIENCE
IN NORTHERN CALIFORNIA

Case study: Harmony Health Medical Clinic and Family Resource Center

MARYSVILLE, CALIFORNIA

Harmony Health Medical Clinic and Family Resource Center in Marysville, California, serves a community that is no stranger to extreme weather events and power disruptions. In Yuba County, where wildfires and Public Safety Power Shutoffs (PSPS) have become increasingly common, Harmony Health has faced operational challenges due to grid instability. During past power outages, the facility struggled to maintain services, disrupting patient care and jeopardizing access to essential medical resources.

Harmony Health Medical Clinic and Family Resource Center is a Federally Qualified Health Center (FQHC) dedicated to providing accessible and affordable healthcare services to those who may not otherwise be able to afford them. Without a stable power supply, essential services and systems, including electronic health records, refrigeration for medications and vaccines, and life-saving medical equipment, are at risk.

By equipping Harmony Health with a sustainable backup power source, Direct Relief is reinforcing healthcare resilience in Northern California, ensuring that essential medical services remain available even in times of crisis. With this investment, Harmony Health is able to provide stability, care, and hope in an era of increasing climate challenges.

DIRECT RELIEF'S SOLUTION: LIFESAVING, RELIABLE POWER

Direct Relief awarded Harmony Health a \$275,000 grant through its Power for Health Initiative for a complete resilient power system. This investment included solar panels and a battery backup system designed to help keep the clinic operational during outages, ensuring uninterrupted medical services for the thousands of patients who depend on it.

Now armed with resilient power, Harmony Health Medical Clinic and Family Resource Center stands ready to continue providing medical care during wildfires, power shutoffs, and other emergencies.

Project development was led by American Microgrid Solutions, and installation was completed by Sequoia Pacific Energy Solutions in 2024.

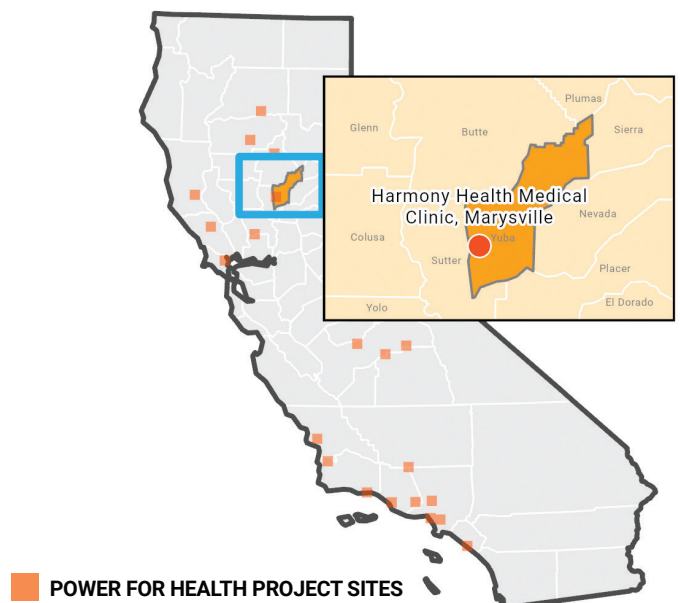


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The backup to the vaccines is paramount because we just don't want to lose vaccines... they go bad because of a power outage and cost us thousands and thousands of dollars. And that's happened many times, multiple times over the last couple of years.”

Rachel Farrell

CEO, HARMONY HEALTH



POWER FOR HEALTH PROJECT SITES



Key Metrics: Harmony Health and its Resilient Power System

- Harmony Health Medical Clinic provides healthcare for approximately **4,300 patients** in Yuba County, CA
- The solar system produced **25,273 kWh** in its first year of operation, **offsetting 87%** of the health clinic's electricity usage
- The system can generate power for around **26 hours** when solar panels generate power at full capacity
- Harmony Health's solar microgrid saved them **\$9,282** in its first year of operation
- Harmony Health Medical Clinic's annual carbon offset from resilient power is around 22 metric tons of CO₂, the equivalent of **1,100 trees growing for 1 year**

ABOUT THE POWER FOR HEALTH INITIATIVE

Direct Relief launched its Power for Health Initiative to help ensure the healthcare safety net is better prepared, more resilient, and better equipped to remain operational through power disruptions. As natural disasters become more frequent and severe, this initiative aims to equip community health centers and free clinics with the necessary infrastructure and capacity to deliver uninterrupted care to vulnerable populations.

Over 38 million people rely on free and charitable clinics and community health centers around the United States. Unlike hospitals, community health centers and free and charitable clinics are not legally required to have on-site backup power. Grant funding from Direct Relief's Power for Health Initiative provides health facilities with microgrid power systems to help ensure they can continue serving their communities during emergencies.

With reliable power, health facilities can protect cold-storage medications, power life-saving medical equipment, and maintain continuity of care for a stronger, more resilient healthcare system.

