

GRID ALTERNATIVES 2021 IMPACT REPORT

It's never been more important for families and communities to save money, and for clean energy to prevail over fossil fuels. The pressures of the ongoing COVID-19 pandemic, economic instability, and climate disasters show that the benefits of renewable energy – clean air to breathe, resilient families, powerful communities – belong to everyone.

122

HOUSEHOLDS + 1 COMMUNITY BUILDING SERVED

The solar we installed in 2021 will prevent over **7,374 tons** of greenhouse gas emissions.

\$2.8 million

LIFETIME SAVINGS

Our unique, people-first model puts money back into **families' and organizations'** pockets so they can invest in their lives and their communities.

18

BATTERY BACK-UP SYSTEMS INSTALLED

Clients in Alameda, Contra Costa, Solano, Mendocino, Lake, and Humboldt counties now have **back-up power for periods of fire danger and power shut-offs.**

SWELL BATTERY BACK-UP PROJECTS 15 COMPLETED PROJECTS IN 2021

Our North Coast Satellite Office was successful in providing home back-up battery systems to 15 families across Humboldt, Lake, and Mendocino counties with additional support through partnership with SWELL Energy. Over 50% of these were Tribal projects. With fire danger, power shut-offs, and ever changing weather, these battery systems can be crucial to supporting families' livelihood, especially those who have medical needs that require electricity in the home. The home back-up battery systems can provide power to a home for necessity functions for about two days, which benefits health, safety, and peace of mind for our rural community members.



7,374

KILOWATTS INSTALLED

It's hard to get your arms around tons of gas – it's a vapor! Imagine if you could take **1,286 cars off the road**, forever. That's what it's like.

825

TOTAL JOB TRAINING HOURS

With hands-on training on solar installations, individuals gain **real-world experience and tangible skills** while building local community powered solutions.



**KPMG SPONSORED WORKDAY INSTALL IN RICHMOND, CA
KPMG BROUGHT SOLAR POWER TO THE GARCIA FAMILY OF SIX
OCTOBER 07, 2021**

In Richmond, CA, GRID installed a 3.15 kW solar system, which is projected to have environmental and economic impacts for the family and the community. Benefits to the community are equivalent to taking 6.6 gas cars off the road for one year or planting 802 trees. The family is projected to have an estimated energy cost savings of \$17,603 over the system's lifetime. Zenon Garcia, who single-handedly supports his family of six, is incredibly grateful for the savings provided by his no-cost solar system.



SOLAR + EV CHARGER INSTALL IN RICHMOND, CA June 17, 2021

In December 2020 GRID installed a 4.65 kW solar system at Amosh Neupane's home in Richmond. After qualifying for an electric vehicle grant through the Clean Cars for All Program, GRID came back to install a level 2 EV charger. The Neupane's energy bill has gone from \$250 a month to just \$5 a month. Amosh is now spreading the word within the Nepali community, helping more families like his to save big with GRID. "My roof looks high tech in my neighborhood. Having solar and going through that process successfully helped me restore faith ... in my community and government's interest in looking after certain populations and individuals like myself," said Amosh.

906

INCENTIVES PROVIDED FOR CLEAN TRANSPORTATION OPTIONS

906 income-qualifying individuals gained access to electric cars, bikes, and public transit through the Clean Cars For All and Peninsula Clean Energy Used EV Rebate programs which GRID supports.

48

EV CHARGER INSTALLATIONS

2021 was the year GRID Clean Mobility kicked into high gear. The benefits of electric vehicles, especially when paired with solar, drive families into a clean future, replacing gasoline with sunshine and reducing local air pollution.

SUPPORTERS

A huge thank you to all of our volunteers and supporters who give their time, energy, and financial resources to bring our shared vision to reality. Our top philanthropic supporters in 2021 included:

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