

Affordable Housing EV Charger Installation Case Study



What You Need to Know

Habitat for Humanity, Greater San Francisco joined forces with CleanPowerSF's [EV Charge SF program](#) to bring electric vehicle (EV) charging to a recent affordable homeownership development in San Francisco at Amber Drive. This collaboration of these two community-spirited organizations represents a powerful step towards ensuring equitable access to clean, reliable energy.

Sustainability and Affordability

The addition of EV charging complements an array of environmentally friendly features already included in the Amber Drive home designs, including solar rooftop panels and energy-efficient appliances. Electric vehicles are known to have lower operating and lifetime costs of ownership when compared to internal combustion vehicles, yet this affordability advantage is not equally available to low-income residents. That's because 80% of EVs are charged at home, which offers both the greatest convenience and lowest electricity cost through residential electric rates. Lacking this access is often a key barrier to EV ownership. To avoid this impediment for future residents, Habitat for Humanity equipped six of the project's eight parking stalls with EV charging.

"Electric vehicles bring cleaner air, improved health outcomes and significant cost savings compared to gas-powered vehicles, and yet while the sale of EVs has more than doubled year-over-year, many low-income and historically disadvantaged communities continue to face major barriers to adoption. Habitat Greater San Francisco is excited to be part of this effort to remove obstacles to EV charging and ensure it is more equitably distributed and available at costs all residents can afford."

Maureen Sedonaen, Chief Executive Officer at Habitat Greater San Francisco

Program Benefits and Implementation

The program provides cost-effective solutions, and it also offers technical assistance tailored to the project's unique requirements. By partnering with Habitat for Humanity, EV Charge SF was able to support the installation of an accessible, clean energy amenity that will be available for residents well into the future.

In the words of Maureen Sedonaen of Habitat Greater San Francisco,

"We are incredibly grateful for the San Francisco Public Utilities Commission's EV Charge SF program. Their team partnered with us to make EV charging a reality for our Amber Drive homeowners, many of whom would not otherwise have had access."

Money Savings for Residents

Surveys of the incoming new homeowners revealed a strong interest in transitioning to EVs, especially given today's skyrocketing fuel prices and the convenience of having chargers readily available. As EV adoption continues to grow, and lower-priced new and used EV models become more available, initiatives like the one undertaken at Amber Drive have the potential to catalyze change, making sustainable transportation more inclusive and accessible.

Future Outlook of Electric Vehicles

Access to clean energy devices like EV chargers will be critical to San Francisco and California's efforts to achieve net-zero carbon emissions. Partnerships such as this one illustrates the potential of utility-designed programs that meet developer needs while integrating sustainability into new project deliveries.

Learn more about the EV Charge SF program [here](#).

Get your Affordable Housing EV project incentivized and future proofed!

Contact the EV Charge SF program team at (415) 554-0773 or email PowerPrograms@sfgwater.org

For more information about SFPUC's **EV Charge SF program**, please visit our program [website](#).

