



CHICANO PARK

MUSEUM AND CULTURAL CENTER

TCC PROJECT SUMMARIES

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Chicano Park Museum and Cultural Center Solarization & Energy Storage In Support of Grid Independence, Community Resilience and Free Community EV Charging

The solarization of the Chicano Park Museum and Cultural Center (CPMCC) is part of a community-born vision to combat toxic greenhouse gas emissions that are contributing to asthma and other health maladies in our portside neighborhoods while energizing the community with clean, renewable energy from the sun that can slash utility bills, heat and cool our buildings, charge zero-emission vehicles, power phones, laptops and medical devices – *all while equipping the Museum serving as a Community Resilience Center* -- a cool, healthy location for families to gather, study and celebrate Chicano art, history and culture *and find respite* from dangerously hot temperatures, spiking air toxicity, rolling black-outs and power outages.

Solarizing the [Chicano Park Museum and Cultural Center](#) serves several community interests. First, it saves the non-profit CPMCC \$5,000 in monthly energy costs. Lower overhead means more money for community benefit programs like Chicano Park Vive, SteAm (Science, Technology, Engineering, Arts and Math) initiatives in support of environmental and social justice and *TechnoChica* skills training, workshops and scholarships for emerging artists/muralists and historical preservation through the Tommie Camarillo Archival Collection -- and other historical preservation endeavors surrounding the community land takeover and artists whose murals transformed Chicano Park into the iconic National Historical Landmark and outdoor allegorical museum it is today.

The 163 kW solar canopy being designed for CPMCC not only serves the Museum and its role as a future Community Resilience Center to provide power, light, food, water, free WiFi and pure air quality during emergencies, it will serve families and businesses across the community by providing charging for Via Verde, the community's free, on-demand electric shuttle service.

The 860 kW solar storage and battery bank that supports the Museum's grid independence *and Via Verde's zero-emissions charging needs 7/24* is also being designed to support free community charging for Museum visitors and those visiting Chicano Park who drive plug-in hybrid electric and electric vehicles. Free bike and wheelchair charging will also be available. Plans are being considered to address how the solar energy stored at the Museum can be most efficiently channeled to provide requested power, lighting and restroom amenities in neighboring Chicano Park as well.

The Chicano Park Museum and Cultural Center's TCC projects provide solutions that have the potential to benefit the entire community in ways that improve air quality and public health; provide relief from the effects of climate change; expand important environmental justice initiatives; ease residential parking and business parking challenges and provide swift, clean mobility innovations that can have us all breathing easier.

Please take our community survey and let us know *your* ideas on how the Chicano Park Museum

and Cultural Center can serve as a beacon of inspiration for healthier, more sustainable living for you, your family and the businesses who support our community!