



Live/work loft units, Oakland, CA

Scenario

The building is 163 live/work spaces adjacent to the Bay Bridge with easy access to San Francisco.

Built in 2010 as a property conversion, only 150 Amps of available common area power is available in the electrical room. The room is not large enough to bring in new service or add a transformer. This likely means once this power is gone, no additional chargers can be added for residents.

Like most the garage has no additional parking spaces to add community chargers so they must be installed in resident spaces for exclusive use, just like the residents prefer. This would have traditionally been limited to a total of 4 chargers or just 2 Tesla high powered wall connectors.

Solution

The building has seen steady EV growth among residents. Originally limited by infrastructure the building partnered with EverCharge in 2014 to handle increasing requests. In 1.5 years 10 residents have since purchased EV and the trend continues.

Leveraging EverCharge the building has gone beyond what is traditionally possible with 10 EVSE installed in this garage off 150 amps with room for 8-10 more residents.

EV drivers range from Leafs to Model S. As suspected this number is going to grow over coming years as the economically appealing Model 3 hits the market. Charging wouldn't be an option financially if the building didn't leverage EverCharge to its full potential. Without EverCharge it is likely that none of these residents would have the opportunity of EV ownership due to the building limitations for at home charging.