

COMMERCIAL EV CHARGING AT SCALE:

Save \$136K Per Year Powering 50 EVs

Case Study:

- 50 Electric Vehicles (EVs)
- Charging 8AM-5PM on Workdays
- 15 kWh/EV/day (approx. 50 miles)
- PG&E B-20P rate tariff



Annual Electric Bill	Without Solar	With Solar	Annual Savings	Payback Period
Demand	\$307,500	\$191,700	\$115,800	31 Months
Energy	\$31,700	\$11,400	\$20,300	177 Months
Total	\$339,200	\$203,100	\$136,100	26 Months

Assumptions:

- **100 kW solar array**
 - Physical size, covers parking spaces (24' x 200')
 - Delivers **173 MWh** of energy/year
 - Offsets virtually all expensive summer demand costs
- **15 kWh/EV/day** (approx. 50 miles)
- **PG&E B-20P** rate tariff (typical for urban/high demand areas)
- Solar canopy pricing: **\$3.00/w** (after incentives)

Read the entire case study and request a custom quote at www.pairedpower.com/scale50

