



**BAKER ELECTRIC**  
**SOLAR**

## Commercial Solar Installation Case Study

### Baker Electric Headquarters

Baker Electric Solar continues to grow with the photovoltaic (PV) industry, and our demonstration of commitment to green solutions grows with us. Our 85 kW rooftop installation was constructed at our Escondido Corporate Headquarters in 2009. Baker Electric Solar is currently involved in projects that range from 3 kilowatts to multi-megawatt in size. Relying on our 70-year history and experience, Baker Electric Solar will lead the PV industry and is quickly becoming a best-in-class regional PV integrator.



### PROJECT

System Size:

85.68 kW

PV Surface Area:

approx 4000 sq. feet

Sunpower 315 Panels

Qty: 272

Satcon Tech PVS-100

Inverter



### BENEFITS

- Eliminates approximately 50% of SDGE bill
- 10-year system warranty, 25-year solar panel warranty
- High Efficiency Panels generate maximum production
- Will realize ROI in 6 years / Cash flow positive in year 1
- Will reduce CO<sub>2</sub> emissions by 12.9 tons annually
- Over 25 years, CO<sub>2</sub> reduction is equivalent to taking 25.4 cars off the road or planting 41.3 acres of trees

