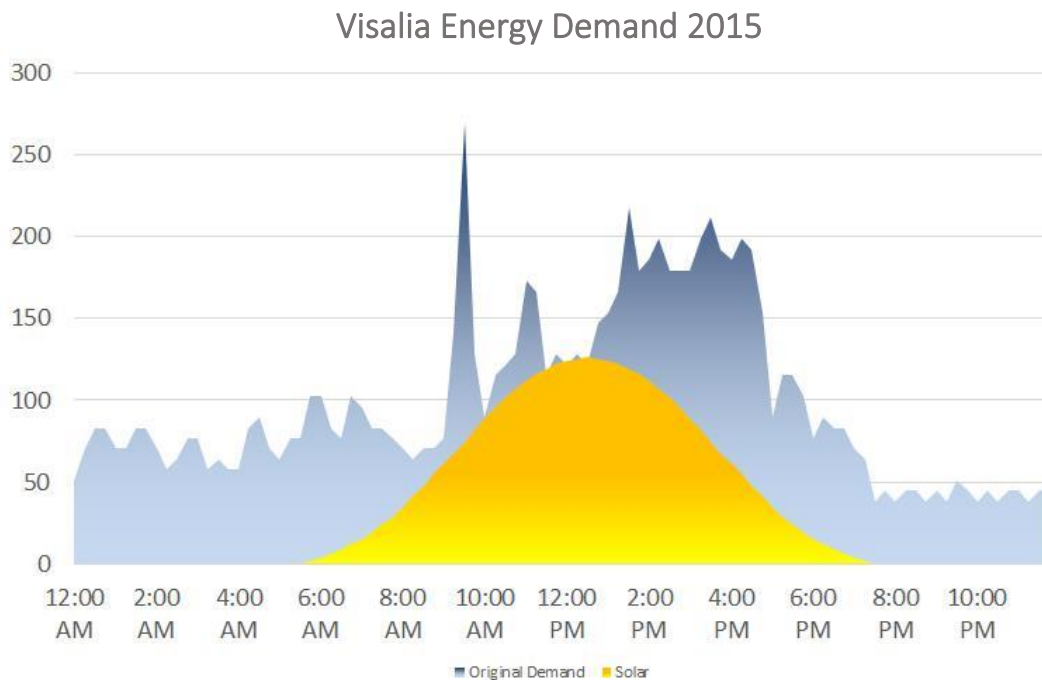


# Visalia Solar Assessment

As a continued effort to explore renewable energy options, Hydrite’s Visalia, CA location is being evaluated for the feasibility of installing solar. This project was spurred by the increasing growth in Tulare County as it begins to exceed the capabilities of the energy infrastructure in the area. As a result, energy prices have risen, as well as the frequency of planned blackouts due to high demand. By adding solar panels, potentially paired with storage batteries, Hydrite’s peak energy demand could be decreased by about 100 kW. With the help of our energy provider, Southern California Edison (SCE), the site will be able to offset energy use in the plant with the installation of panels anywhere on our property. Overall, this project would feed clean energy into the grid and lessen the impact we have on local energy during peak times.



Peak energy demand and solar potential in Visalia

The installation of a renewable energy system like the one shown above could save up to 900 kWh of energy per day of operation or about 237,000 kWh per year. This savings would decrease Hydrite’s carbon footprint by about 168 MT of CO<sub>2</sub>e.

**7 AFFORDABLE AND CLEAN ENERGY**

