



Opening the door to a greener future...

The decision to be “green” should not be taken lightly, so when Sandusky Lee revamped their Littlestown, Pennsylvania facility, it was decided to take a keen look towards the future. It became quite clear in order to not only sustain the company, but also the environment at large, the facility had to try to offset its carbon footprint and not be entirely reliant on the electrical grid. This decision has solidified Sandusky Lee’s dedication to be an industry leader and will prove to generations to come what a company can environmentally achieve.



8K

>> Chart House Energy and GeoSolar Energy Farm Inc. designed, procured, installed and commissioned this 400kW system (the wattage equivalency of powering 8,000 50-watt lightbulbs for one hour).



>> 100% of the solar system was built with U.S.A. owned and manufactured components, creating American jobs.



>> It makes use of under-utilized space, with no continuous draw from MetEd. Additionally, any power that is not used can be sold back to the grid for public consumption.



>> These panels function well in less than ideal solar conditions, providing power production in a wide variety of conditions including cloudy and rainy days, and even moon light.

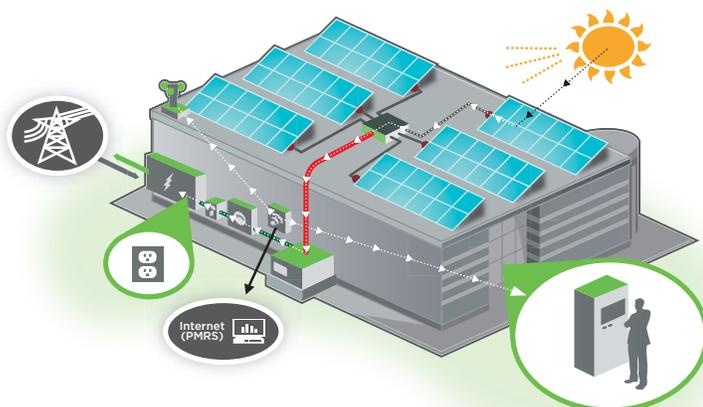
92%

>> The power generated offsets 92% of the power used in the factory.



86

>> Assuming the average household uses 6,000 kWh/yr or the equivalent of 86 households of power, the carbon offset will be 12,682 Tons of CO₂ over the next 40 years.



HOW DOES IT WORK?

The 2,700+ solar panels (Photovoltaic Panels) create electrical current when exposed to sunlight, generating 518,000 kWh/yr or the equivalent of 86 homes. Over time, the rows of panels collectively achieve desired voltage and create as much power in a year as the facility uses. The generated electricity can then be used to power the facility or be sold back to the “grid” for general consumption.