

Mars Solar Garden– Project Fact Sheet



- 28,680 ground-mounted solar panels on 18 acres adjacent to Mars Chocolate North America’s headquarters, property owned by Mars
- Provides 2 MW of power during peak hours, which is equivalent to approximately 20 percent of the nearby Mars Chocolate North America manufacturing plant’s peak energy consumption
- Owned by PSEG Solar Source, a subsidiary of PSEG (NYSE: PEG)
- Mars has contracted for the entire output of the system
- juwi solar Inc. performed the engineering, procurement and construction services for the system and will also be providing the initial operation and maintenance services
- Thin film panels provided by First Solar (First Solar FS-2 / 75 Watts each)
- Capacity (DC): 2,151,000 Watts
- Inverters: SMA 250-U / 250,000 Watts ea.
- Construction Start: May 6, 2009
- Initial Operation: September 9, 2009
- Design Voltages: Modules: 600 V DC
Inverters: 480 V AC
Interconnection: 4,160 V AC