



Telecom & Tower Site Solar Power Sources

- *Various System Sizes Available Based on Your Power Needs
- *Various Power Output Voltages Available Based on Your Requirements
- *Hybrid Options Available: Solar/Wind/Generator

Typical Applications

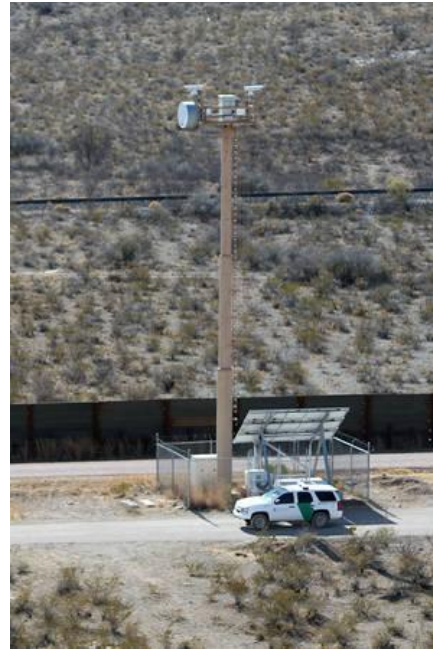
- Border Surveillance/Camera Tower Sites
- Telecom Sites
- Repeater Sites
- General Remote Site Power
- Large Power Requirement Sites

Standard Features

- Power Capacity and Output Voltage(s) Are Engineered for Your Requirements. NST Can Assist You with Determining What System Will Work Best For Your Needs.
- Available in AC & DC Output Voltages or a Combination of Both
- Heavy Duty Construction-Engineered for Rough Use Environments
- System is Designed For Easy Field Assembly
- 25 Year Sliding Scale Solar Panel Power Warranty
- 5 Year Solar Controller/Power Inverter Warranty
- 2 Year Limited Battery Warranty

Benefits

- NST Will Engineer Your System Based on Your Power Requirements
- Reduce or Eliminate the Use of Gas/Diesel Generators at Sites
- No Grid Power Required at Sites
- When Grid Power Goes Out, Your Site Still Operates
- No Routine Maintenance Required
- No Special Skills Required to Operate



NST Solar Power Sources operate US Border surveillance sites 24/7, 365 days a year in extremely harsh environments.

System Structure/Enclosures

- Galvanized Steel Structure Frame, Self-ballast System Design Means Saving Time and Money on Concrete Pads
- Heavy Duty Steel Enclosures with Galvanized Primer and Powder Coated Exterior Finish
- Ventilation Via Filtered Louvers for All Enclosures for Air Flow
- Power Unit Enclosure Fitted with a Thermostat Controlled Exhaust Fan Unit for Increased Electronics Efficiency & Life

Solar Panels

- High Efficiency Rigid Solar Panels With Locking Connectors
- Anti-Glare, Impact Resistant Tempered Glass Front and Anodized Aluminum Frame

Batteries

- Heavy Duty Internal Plate Design, Sealed AGM Battery Technology, Rough Use Design
- Engineered For High and Low Temperature Conditions

System Controls/Power Conversion Devices/Monitoring

- Designed for Rough Use Environments
- Wide Operating Temperature Range of -40°C to $+60^{\circ}\text{C}$
- Circuit Breaker Protection
- Convenience AC Outlet Options
- Remote Site Monitoring-Power System & Loads

Hybrid Power Production Options

- Wind Turbine Options
- Fuel Cell and Propane Generator Options



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