

Wayside Signaling

Positive Train Control (PTC)

Pole Line Elimination



Our Expertise

Our staff of dedicated solar experts understands the unique needs of the railway industry.

Our team is seasoned with years of experience designing and implementing solar powered railway solutions.

From AREMA design criteria and rail equipment loads, to safety and compliance, we have the expertise to provide a custom solar solution to meet your power needs.

Applications

- Intermediate Signals
- Switch Machines
- Hot Box Detectors
- 2-Volt Track Circuits
- Slide Fences
- Repeaters
- Dragging Equipment Detectors
- Grade Crossings
- Telecom Sites
- Broken Rail Detection

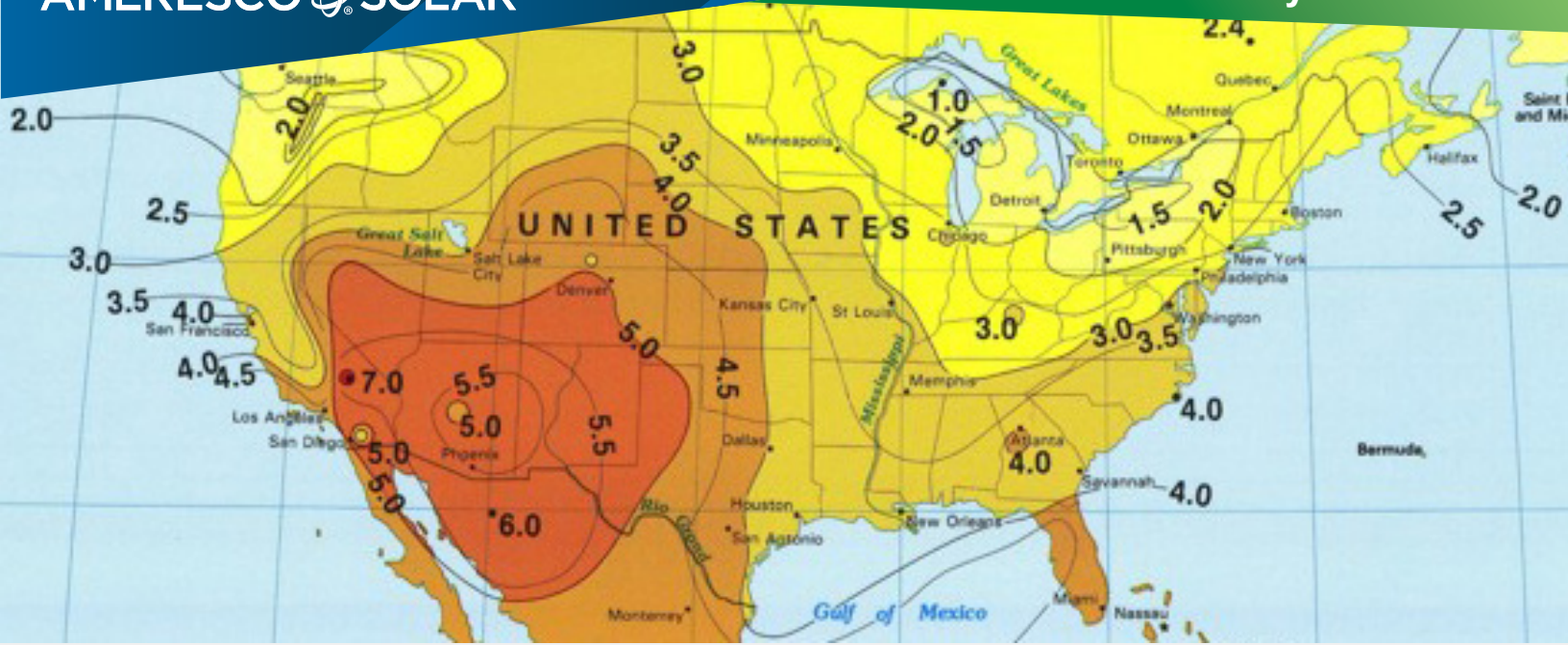
Services Provided

- Engineering Design Assistance
- Site Surveys
- Training
- Field Service for Troubleshooting
- Installation Assistance

Segments Served

- Signal
- Communication
- Track
- Rail Car
- OEMs
- Contractors
- Engineering Consulting Firms





Ameresco Solar System Models at Continuous Load (A)

Available Sun Hours	0.5	1.0	2.0	3.0	4.0	5.0
5.5	RS 150W/***AH/12VDC	RS 150W/***AH/12VDC	RS 300W/***AH/12VDC	RS 450W/***AH/12VDC	RS 600W/***AH/12VDC	RS 750W/***AH/12VDC
5.0	RS 150W/***AH/12VDC	RS 150W/***AH/12VDC	RS 300W/***AH/12VDC	RS 450W/***AH/12VDC	RS 600W/***AH/12VDC	RS 750W/***AH/12VDC
4.5	RS 150W/***AH/12VDC	RS 150W/***AH/12VDC	RS 300W/***AH/12VDC	RS 450W/***AH/12VDC	RS 600W/***AH/12VDC	RS 750W/***AH/12VDC
4.0	RS 150W/***AH/12VDC	RS 300W/***AH/12VDC	RS 450W/***AH/12VDC	RS 600W/***AH/12VDC	RS 750W/***AH/12VDC	RS 900W/***AH/12VDC
3.5	RS 150W/***AH/12VDC	RS 300W/***AH/12VDC	RS 450W/***AH/12VDC	RS 600W/***AH/12VDC	RS 900W/***AH/12VDC	RS 1050W/***AH/12VDC
3.0	RS 150W/***AH/12VDC	RS 300W/***AH/12VDC	RS 600W/***AH/12VDC	RS 750W/***AH/12VDC	RS 1050W/***AH/12VDC	RS 1200W/***AH/12VDC
2.5	RS 150W/***AH/12VDC	RS 300W/***AH/12VDC	RS 600W/***AH/12VDC	RS 750W/***AH/12VDC	RS 1200W/***AH/12VDC	RS 1500W/***AH/12VDC
2.0	RS 300W/***AH/12VDC	RS 450W/***AH/12VDC	RS 750W/***AH/12VDC	RS 1200W/***AH/12VDC	RS 1500W/***AH/12VDC	RS 2100W/***AH/12VDC
1.5	RS 300W/***AH/12VDC	RS 600W/***AH/12VDC	RS1050W/***AH/12VDC	RS 1800W/***AH/12VDC	RS 2100W/***AH/12VDC	Contact Ameresco Solar



We provide a range of standard installation options and can accommodate custom requests to meet your needs.

Standard options include:

- Hybrid Power Systems (e.g., Wind, Generator, Fuel Cell)
- Retractable Pole Mounting Systems
- Fixed Pole Mounts
- Ground/Roof Mounts
- H-Fixture / Platform Mounts
- System Enclosures
- State of the Art Charge Controllers

About Ameresco Solar

For over thirty years Ameresco Solar, and its predecessors, have been providing remote power products and services engineered to meet our customers' specific requirements. We provide comprehensive solar solutions around the world by serving as a solar distributor, manufacturer, and design/engineering consultant for a wide range of markets.

Contact Us

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