

# SCADA Anywhere™

Solar Power for Remote Monitoring. . . Made Simple



## Solar Power SCADA-Anywhere™ Solution

SCADA-Anywhere™ is TESSCO's solution to providing solar electric power systems for SCADA applications anywhere in the USA. These complete SCADA systems have everything you need to deploy a remote monitoring site including the complete solar power system, tower, antenna, jumpers, hardware and weatherproofing kit. You supply your MDS or Phoenix Contact radio and TESSCO takes care of the rest. Where can SCADA go? With TESSCO anywhere under the sun.

### Off-the-Shelf Systems Ready for Deployment Include the Following:

- Complete 12 VDC solar power system presized for MDS or Phoenix Contact radios
- 902-928 MHz yagi antenna, 13 dB gain with mounting hardware
- 10-pack round member adapters for Rohn 45G tower section
- CN-UB-280DC-BB Phoenix Contact surge suppression device (pre-installed)
- Rohn 45G top section with 5' base section
- Complete weatherproofing kit
- 10-pack standard hangers for LMR-400
- 10' LMR-400 jumper with N-male connectors

## Solar Power Complete System Solutions

TESSCO's remote solar power systems are well suited to operating automation equipment used by the oil and gas industry. This equipment includes high-efficiency gas-flow computers, remote telemetry units (RTUs), supervisory control and data acquisition equipment (SCADA). The equipment's low power requirements and typically remote locations often make a PV system the most cost-effective power source. Kyocera custom systems have been designed and manufactured to OEM or end-user specifications. The modular design of the systems provides ultimate flexibility and allows you to construct a solar system to meet the exact needs of the SCADA and telemetry application.

### Applications:

- Cathodic Protection
- Telemetry
- RTU/SCADA
- Flow Monitoring
- Drilling Meters
- Natural Gas Automation
- Gas Flow Measurement
- Data Recording
- Control Valves
- Process Control Equipment
- Seismic Monitoring
- Air Quality Monitors

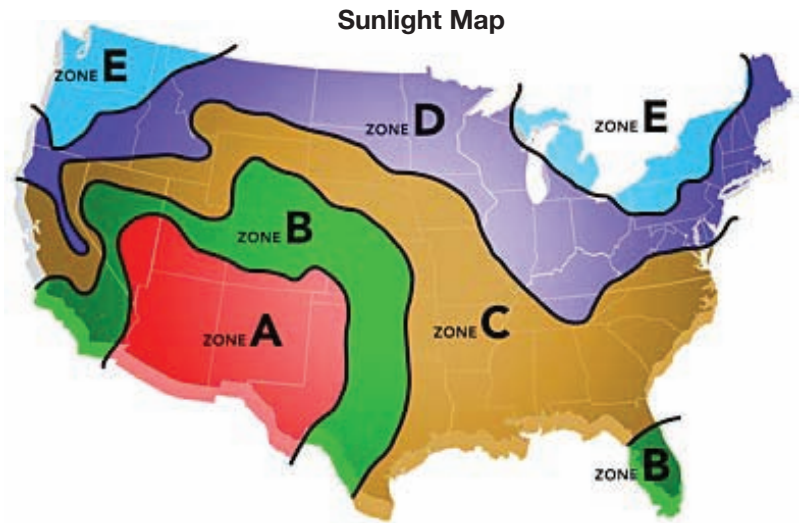
**Solar Power Only Systems  
Also Available.**

## Solar Power

# SCADA-Anywhere™ Estimating Procedure

### Instructions:

1. Identify installation site on the sunlight map and determine the peak sunlight zone.
2. Find your radio model in the charts below.
3. Cross-reference the radio model with the peak sunlight zone to determine your system code.
4. On the system code/SKU cross-reference chart find the SKU for the system best for your location.



### MDS Radio Models

MDS RADIO MODELS	MAP ZONES			
	A	B	C	D
MDS 9810	D-T	D-T	E-T	G-T
MDS TRANSNET 900	D-T	D-T	E-T	G-T
MDS 9710	E-T	E-T	F-T	I-T

### System Code

### SKU

A-T	362214
B-T	382970
C-T	372140
D-T	342095
E-T	362215
F-T	392938
G-T	352380
H-T	362668
I-T	392801
J-T	332880

### Phoenix Contact Radio Models

PHOENIX CONTACT	MAP ZONES			
	A	B	C	D
RAD-ISM-900-RS232-BD	B-T	B-T	B-T	C-T
RAD-ISM-900-BD	B-T	B-T	B-T	C-T
RAD-ISM-900-BD + 1 I/O Module	D-T	D-T	E-T	G-T
RAD-ISM-900-BD + 2 I/O Modules	E-T	E-T	F-T	I-T
RAD-ISM-900-BD + 3 I/O Modules	G-T	G-T	H-T	I-T
RAD-ISM-900-BD + 4 I/O Modules	I-T	I-T	J-T	J-T
RAD-ISM-900-UD	A-T	A-T	A-T	B-T