



Solar Custom Project Statement of Work Form

Date Submitted:

Company Name:

Primary Contact Name:

Alternate Contact Name:

Shipping Address:

City: State: Zip Code: Country:
Phone: Fax: E-mail:

Billing Address (if different):

Purchase Order Number (if available):

A PURCHASE ORDER OR CREDIT CARD MUST BE ON FILE AT THE START OF EACH TEST

Note: All power performance determinations based on methods in IEC60904-1 and supporting documents.

Test Location¹ (Florida, Arizona, Indoors):

Test Duration:

Module Type/Model/Description:

Module Dimensions: Module Weight: Module count (total):

Module Power Output (V_{mpp} , I_{mpp} , KW): Module Limits (V_{oc} , I_{sc}):

Module Cell Technology: Module Count (per array): Array Count:

Grid Tied (Yes/No): Inverter Type: Inverter(s) Supplied (Yes/No):

Mounting Hardware Supplied (Yes/No): Module Orientation (Landscape/Portrait):

Exposure Installation: (e.g. Open-backed? Insulated backing? Exposure Direction/Angle?)

Array DC Output (V_{max} , I_{max} , KW): Array AC Output (V_{max} , I_{max} , KW):

Statement of Work Description (What are your goals for this custom designed testing program?) (e.g. Performance STC/NOCT/ LowE? Monitor physical degradation? Monitor leakage current? Periodic performance readings? Other? Please be as detailed as possible; provide attachments if applicable.)

Return Shipping Carrier: UPS Fed Ex YRC Other

Ship to (as appropriate):

ATLAS WEATHERING SERVICES GROUP (DSET) or ATLAS WEATHERING SERVICES GROUP (SFTS)
45601 N. 47th Ave. 16100 SW 216th Street
Phoenix, AZ 85087-7042 Miami, Florida 33170-2000
Phone: (623) 465-7356 Phone: (305) 824-3900
Fax: (623) 465-9409 Fax: (305) 362-6276

¹ Note: Outdoor testing in Arizona or Florida may require 1-line and/or 3-line electrical drawings approved and stamped by a PE registered for the target location state.

Typical PV Module Individual Test Selections

<u>Testing Options</u>	<u>Number of Samples</u>	<u>Test Criteria (PS = Per Standard)</u>
Visual Inspection ²		
Preconditioning (specify conditions)		
Bypass/Blocking Diode Thermal		
Condensing Humidity		
Damp Heat ³		
Dielectric Withstand (Hi-pot) ²		
Electrical Insulation Test ²		
Electrical Performance (IV Curve)		
FLIR IR Imaging		
Hot Spot Endurance		
Humidity Freeze ³		
Leakage Current ²		
Max Power Determination ²		
NOCT		
Off-Axis Beam Damage		
Outdoor Exposure (60kWh)		
Performance at NOCT		
Salt Fog ³		
Temperature Coefficient Measurement		
Temperature Test ³		
Thermal Cycling (# of cycles) ³		
UV Exposure (specify kWh + duration) ³		
Water Spray		
Wet Insulation ²		
Wet Leakage Current ²		
Other/Client Defined ⁴		

² Note: Performed before and after each major environmental stress (typical).

³ Note: Requires environmental chamber.

⁴ Note: Custom test programs require detailed definition.