City of Safford
A great place to live, work, and visit

Please print the following information.

Interconnect Customer Information

Customer Name: _____ _____ Account Number: _____

Customer Service Address (Street, City, State, ZIP Code): _____

_____

Customer Mailing Address: _____

Customer Telephone Number: _____

Customer Cell Number: _____ Customer E-Mail:_____

Photovoltaic Inverter/Panel Information

Inverter Manufacturer: _____Model Number: _____

Is the equipment UL 1741 listed? YES __ NO ___ Attach manufacturer's cut-sheet showing UL 1741 listing or certified sheet stating tested to UL 1741

Number of PV Panels _____Model Nos. _____

Are the PV panels UL 1703 listed? YES ___ NO ___

AC Output Voltage _____

Total Power Output _____

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System Performance and Solar Array Data

Max. Power Output (Watts): _____ Max. Power Voltage(Volts): _____

Max. Power Current (Amps): _____ Does Inverter Disconnect Properly?:_____

Miscellaneous System Design Information

Is a gate code(s) necessary for access to the property and/or community? If yes, please provide_____

Will the system utilize a supply (line) side tap per NEC 690.64(A)? _____

Will the system consist of two or more power sources (PV, Wind, Emergency generator, etc.)? _____

Is this a system expansion that only adds panels?_____

Other information contractor or engineer believe will be important, i.e., proposed exceptions _____

_____

_____

_____

Installation Information

This system has been installed in compliance with IEEE 929 "Recommended Practice for Utility Interface of Photovoltaic (PV) Systems" and the latest edition of the National Electric Code. The Photovoltaic System components are Listed and Tested by a NRTL to UL Standard 1741.

Contractor (signed): _____

Contractor License _____ Class: _____ _____
Expiration Date: _____

Name (print): _____ _____

Mailing Address: _____

Telephone Number: _____ Cell Number: _____

E-Mail Address: _____

Government Authority Having Jurisdiction (AHJ)

Check one:

___ City of Benson	___ Cochise County	___ Santa Cruz County
___ City of Safford	____Graham County	___ Exemption (see Note 2)
___ City of Willcox	____ Pima County	

___ Other, explain: _____

NOTES

1) PV/Wind Generation designs shall be prepared by and/or under the direct supervision of an AZ registrant where prescribed by the Arizona Board of Technical Registration in their Rules and Statutes. The complete Rules and Statutes may be found at the Arizona State Board of Technical Registration website: http://www.btr.state.az.us . Objections to interpretations of these Rules and Statutes will be submitted to the AZ Board of Technical Registration for resolution. SSVEC will support the following but not limited to Rules and Statutes:
   (a) the Arizona Administrative Code Title 4, Chapter 30, Article 3, Section R4-30-302 Electrical

   (b) Plans, A. states:

   "A registrant shall prepare and submit drawings and specifications for a new electrical system or an addition or modification to an existing electrical system provided the service and associated electrical feeders exceeds 600 amperes 120/240 volts, single phase or 225 amperes 120/208 volts, three phase and the fault current exceeds 10,000 amperes. "
   (b) Arizona Revised Statutes, Title 32, Chapter 1, Article 3. Regulatory Provisions, 32-142 Public Works A., states: "Drawings, plans, specifications, estimates for public works of the state or a political subdivision thereof involving architecture, engineering, … shall be prepared by or under the direct supervision of a registrant within the category involved."

2) The City of Safford Utilities requires the customer/contractor obtain a construction permit and pass AHJ plans review and an AHJ installation inspection. If the customer submits an exemption

from the AHJ installation inspection, the owner may at their option and expense, provide to COS a certification from a State of Arizona registered professional engineer. The certification shall be stamped by the engineer and state the installation adheres to all applicable local, national and industry codes and standards. In addition, the engineer shall certify that all equipment and material are in agreement with the application and design information submitted to the City of Safford, and the equipment and material are installed according to manufacturer's recommendations and City of Safford's Service Entrance Requirements.

Additional Information

The customer must include an electrical one-line and three-line diagram of the PV installation with this agreement form. The electrical one-line diagram must show connections, bus size, circuit breakers, fuses, etc. between main electrical components such as meter(s), main panel, main disconnect switch/breaker, PV breaker, ac utility disconnect switch, PV inverter(s), sub-panel, loads, etc. The customer must also include a detailed map that shows major cross roads and plant locations. A Site Plan must be submitted showing the arrangement of major equipment, including the electric service entrance section and utility meter, locations of PV inverter, interface equipment, and Disconnect Switch. The licensed electrical or PV contractor should be able to provide the electrical one-line diagram, three-line diagram, detailed map, and site plan, and detailed material/labor invoice. Incomplete submittals may result in project delays and additional administrative and engineering charges that shall not be included in rebate calculations.

Customer and Customer contractor/electrician agree not to tamper and/or disable any COF Hold Tag or COS padlock on the ac utility disconnect switch. The purpose of this switch is to protect COS personnel and emergency agency personnel from dangerous backfeeds on circuits they are working on. The Customer is aware that SSVEC personnel will not energize the solar system when they remove the COS hold tag and padlock.

Customer agrees not to encroach on or reduce the safe work space area required by the City Service Entrance Specifications around the City of Safford's service meter and the ac utility disconnect switch.

Customer agrees that City of Safford equipment, in particular the ac utility disconnect switch shall remain readily accessible on a 24 hour/7 days a week basis.

GRID TIE INTERCONNECT AGREEMENT

By signing below, the customer understands, and is in agreement with, City of Safford Electric Utilities Photovoltaic System Interconnection Requirements. The customer should not proceed with the PV project until City of Safford verbally contacts the customer and indicates approval of the information supplied by the customer on the agreement form. The customer should not operate the PV system in parallel with the utility until the governmental authority having jurisdiction or an AZ registered engineer has approved the installation and City of Safford Utilities has released the photovoltaic installation and has signed below.

Customer Name (please print):_____

Address:_____City Safford_____

_____ _____

Customer's Signature Date

By signing below, City of Safford Electric Utilities, has released the Customer's Photovoltaic System, and therefore, the customer is authorized to operate the PV system in parallel with the utility.

_____ _____

City of Safford's Utilities Signature Date

City OF SAFFORD WILL NOT ASSUME ANY RESPONSIBILITY FOR THE PROTECTION OF THE CUSTOMER'S PHOTOVOLTAIC SYSTEM, OR OF ANY OTHER PORTION OF THE CUSTOMER'S ELECTRICAL EQUIPMENT. THE CUSTOMER IS FULLY AND SOLELY RESPONSIBLE FOR PROTECTING THEIR EQUIPMENT IN A MANNER TO PREVENT ANY FAULTS OR OTHER DISTURBANCES FROM DAMAGING THE CUSTOMER'S EQUIPMENT.