



Interconnection Request Application Form for Interconnecting a Certified Inverter-Based Generating Facility No Larger than 20 kW

This Interconnection Request Application Form is considered complete when it provides all applicable and correct information required below. Additional information to evaluate the Interconnection Request may be required.

Processing Fee

A non-refundable processing fee of \$200 for North Carolina and \$100 for South Carolina must accompany this Interconnection Request Application Form

If the Interconnection Request is submitted solely due to a transfer of ownership of the Generating Facility, the fee is \$50.

Interconnection Customer Information

Name: _____

Contact Name: EDWARD MITCHELL

Title: _____

E-Mail Address: chelseasmith22@gmail.com

Mailing Address: _____

City: _____ State: _____ ZIP: _____

County: _____

Telephone(Day): (267) 879-2174 (Evening): _____

Fax: _____

Alternative Contact Information (if different from the Interconnection Customer)

Alternate Contact Name: Titan Solar Power NC Company

Title: _____

E-Mail Address: northcarolina.utilities@titansolarpower.com

Mailing Address: 525 W. Baseline Rd

City: Mesa State: AZ ZIP: 85210

Telephone(Day): (480) 582-1457 (Evening): _____

Fax: _____

Facility Location (if different from above)

Project Name: EDWARD MITCHELL - 910094465471 - Solar

Address: 281 Young Farm Dr

City: Lillington State: NC ZIP: 27546

County: Harnett

Utility: DEP

Account Number: 910094465471

Customer Type: Residential

NABCEP PV Installation Professional Certification (for SC Only): _____

Generating Request Information

Application is for: New Generating Facility

Is the service customer completing the installation?: No

Generating Facility Is: Owned

Newly Constructed Facility?: No

Generating Equipment Is: Owned

Type of Heat: Gas

Square Footage: 2207

System Intended Design: Net Metering

If net metering, select preferred rate schedule: _____

Term: _____

Purchase Power Options: _____

Existing System Information

Existing Generator at Location?: No

Existing Generator Remarks: _____

New System Information

If NC, NCUC Docket Number is required: SP-48994 Sub 0

Is this part of a Microgrid? _____

Primary Energy Source: Renewable

Energy Source Type: Solar

Prime Mover: Photovoltaic

Energy Source (other): _____

Prime Mover (other): _____

Phase: Single

System Design Capacity kW AC (system total): 7.600

Battery Information

Is Battery Storage Used?: No

Total Battery Capacity KWDC: _____

Battery Manufacturer: _____

Battery Model: _____

Battery Quantity: _____

Solar Inverter

Inverter 1 Information:

Inverter Manufacturer: SolarEdge Technologies

Model: SE7600H-US Quantity: 1

Inverter Size kW: 7600.0000 Max Nameplate Rating kW: 7.60

Inverter 2 Information:

Inverter Manufacturer: _____

Model: _____ Quantity: _____

Inverter Size kW: _____ Max Nameplate Rating kW: _____

Inverter 3 Information:

Inverter Manufacturer: _____

Model: _____ Quantity: _____

Inverter Size kW: _____ Max Nameplate Rating kW: _____

Micro Inverter

Micro Inverter 1 Information:

Micro Inverter Manufacturer: _____

Model: _____ Quantity: _____ Micro Inverter Size kW: _____

Micro Inverter 2 Information:

Micro Inverter Manufacturer: _____

Model: _____ Quantity: _____ Micro Inverter Size kW: _____

Micro Inverter 3 Information:

Micro Inverter Manufacturer: _____

Model: _____ Quantity: _____ Micro Inverter Size kW: _____

Solar Panel/Module**Panel/Module 1 Information:**Panel Manufacturer: Hanwha Q CELLSModel: Q PEAK DUO BLK ML Quantity: 22 Panel Wattage kW: 400.0000
G10+ 400W**Panel/Module 2 Information:**

Panel Manufacturer: _____

Model: _____ Quantity: _____ Panel Wattage kW: _____

Panel/Module 3 Information:

Panel Manufacturer: _____

Model: _____ Quantity: _____ Panel Wattage kW: _____

Attachment List:

Attachment Type
Copy of Insurance
Electrical One Line diagram
Inverter Specification Sheet
Specification Sheets
Inverter Specification Sheet

Interconnection Customer Signature:

I hereby certify that, to the best of my knowledge, the information provided in this Interconnection Request Application Form is true. I agree to abide by the Terms and Conditions for Interconnecting a Certified Inverter-Based Generating Facility No Larger than 20 kW and return the Certificate of Completion when the Generating Facility has been installed.

Edward Mitchell

Full Name: {{*Name1_es_:fullname}}

07/29/2022

Signature: {{*Signatureby:signer1:signature}}

Date: {{*Dte1_es_:date}}



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Contingent Approval to Interconnect the Generating Facility (For Utility use only):

Interconnection of the Generating Facility is approved contingent upon the Terms and Conditions for Interconnecting a Certified Inverter-Based Generating Facility No Larger than 20 kW and return of the Certificate of Completion.

Utility Signature: Laquana B.
Title: Lead Business Service Specialist Date: 9/15/22
Interconnection Request ID number: 574206
Utility waives inspection/witness test? _____

Approval to Energize the Generating Facility (For Utility use only):

Energizing the Generating Facility is approved contingent upon the Terms and Conditions for Interconnecting a Certified Inverter-Based Generating Facility No Larger than 20 kW.

Utility Signature: _____
Title: _____ Date: _____

Terms and Conditions for Interconnecting a Certified Inverter-Based Generating Facility No Larger than 20 kW

1. Construction of the Facility

The Interconnection Customer (Customer) may proceed to construct (including operational testing not to exceed two hours) the Generating Facility when the Utility approves the Interconnection Request and returns it to the Customer.

2. Interconnection and Operation

The Customer may interconnect the Generating Facility with the Utility's System and operate in parallel with the Utility's System once all of the following have occurred:

2.1) Upon completing construction, the Customer will cause the Generating Facility to be inspected or otherwise certified by the appropriate local electrical wiring inspector with jurisdiction, and

2.2) The Customer returns the Certificate of Completion to the Utility, and

2.3) The Utility has either:

2.3.1) Completed its inspection of the Generating Facility to ensure that all equipment has been appropriately installed and that all electrical connections have been made in accordance with applicable codes. All inspections must be conducted by the Utility, at its own expense, within ten Business Days after receipt of the Certificate of Completion and shall take place at a time agreeable to the Parties. The Utility shall provide a written statement that the Generating Facility has passed inspection or shall notify the Customer of what steps it must take to pass inspection as soon as practicable after the inspection takes place; or

2.3.2) If the Utility does not schedule an inspection of the Generating Facility within ten Business Days after receiving the Certificate of Completion, the witness test is deemed waived (unless the Parties agree otherwise); or

2.3.3) The Utility waives the right to inspect the Generating Facility.

2.4) The Utility has the right to disconnect the Generating Facility in the event of improper installation or failure to return the Certificate of Completion.

2.5) Revenue quality metering equipment must be installed and tested in accordance with applicable American National Standards Institute (ANSI) standards and all applicable regulatory requirements.

3. Safe Operations and Maintenance

The Customer shall be fully responsible to operate, maintain, and repair the Generating Facility as required to ensure that it complies at all times with the interconnection standards to which it has been certified.

4. **Access**

The Utility shall have access to the disconnect switch (if a disconnect switch is required) and metering equipment of the Generating Facility at all times. The Utility shall provide reasonable notice to the Customer, when possible, prior to using its right of access.

5. **Disconnection**

The Utility may temporarily disconnect the Generating Facility upon the following conditions:

5.1) For scheduled outages upon reasonable notice.

5.2) For unscheduled outages or emergency conditions.

5.3) If the Generating Facility does not operate in a manner consistent with these Terms and Conditions.

5.4) The Utility shall inform the Customer in advance of any scheduled disconnection, or as soon as is reasonable after an unscheduled disconnection.

6. **Indemnification**

The Parties shall at all times indemnify, defend, and save the other Party harmless from, any and all damages, losses, claims, including claims and actions relating to injury to or death of any person or damage to property, demand, suits, recoveries, costs and expenses, court costs, attorney fees, and all other obligations by or to third parties, arising out of or resulting from the other Party's action or inactions of its obligations hereunder on behalf of the indemnifying Party, except in cases of gross negligence or intentional wrongdoing by the indemnified Party.

7. **Insurance**

All insurance policies must be maintained with insurers authorized to do business in North Carolina. The Parties agree to the following insurance requirements:

7.1) If the Customer is a residential customer of the Utility, the required coverage shall be a standard homeowner's insurance policy with liability coverage in the amount of at least \$100,000 per occurrence.

7.2) For an Interconnection Customer that is a non-residential customer of the Utility proposing to interconnect a Generating Facility no larger than 250 kW, the required coverage shall be comprehensive general liability insurance with coverage in the amount of at least \$300,000 per occurrence.

7.3) The Customer may provide this insurance via a self-insurance program if it has a self-insurance program established in accordance with commercially acceptable risk management practices.

8. **Limitation of Liability**

Each Party's liability to the other Party for any loss, cost, claim, injury, or expense, including reasonable attorney fees, relating to or arising from any act or omission hereunder, shall be limited to

the amount of direct damage actually incurred. In no event shall either Party be liable to the other Party for any indirect, special, incidental, consequential, or punitive damages of any kind.

9. **Termination**

The agreement to interconnect and operate in parallel may be terminated under the following conditions:

9.1) **By the Customer**

By providing written notice to the Utility and physically and permanently disconnecting the Generating Facility.

9.2) **By the Utility**

If the Generating Facility fails to operate for any consecutive 12-month period or the Customer fails to remedy a violation of these Terms and Conditions.

9.3) **Permanent Disconnection**

In the event this Agreement is terminated, the Utility shall have the right to disconnect its facilities or direct the Customer to disconnect its Generating Facility.

9.4 **Survival Rights**

This Agreement shall continue in effect after termination to the extent necessary to allow or require either Party to fulfill rights or obligations that arose under the Agreement.

10. **Assignment/Transfer of Ownership of the Facility**

10.1) This Agreement shall not survive the transfer of ownership of the Generating Facility to a new owner.

10.2) The new owner must complete and submit a new Interconnection Request agreeing to abide by these Terms and Conditions for interconnection and parallel operations within 20 Business Days of the transfer of ownership. The Utility shall acknowledge receipt and return a signed copy of the Interconnection Request Application Form within ten Business Days.

10.3) The Utility shall not study or inspect the Generating Facility unless the new owner's Interconnection Request Application Form indicates that a Material Modification has occurred or is proposed.

Certificate Of Completion

Envelope Id: 1A55AA230EDA4A569B5AF3B7920D3D9B	Status: Completed
Subject: Please DocuSign: Interconnection Application PDF.pdf	
Source Envelope:	
Document Pages: 8	Signatures: 1
Certificate Pages: 5	Initials: 0
AutoNav: Enabled	Envelope Originator:
Envelope Stamping: Enabled	Utilities Department
Time Zone: (UTC-08:00) Pacific Time (US & Canada)	525 W. BASELINE RD.
	Mesa, AZ 85210
	utilities@titansolarpower.com
	IP Address: 47.216.11.44


Record Tracking

Status: Original	Holder: Utilities Department	Location: DocuSign
7/12/2022 3:20:06 PM	utilities@titansolarpower.com	

Signer Events

Edward Mitchell
 edmitchell02@gmail.com
 Security Level: Email, Account Authentication (None)

Signature

DocuSigned by:

 515C085A7393449...
 Signature Adoption: Pre-selected Style
 Using IP Address: 71.217.47.166

Timestamp

Sent: 7/12/2022 3:21:38 PM
 Resent: 7/14/2022 1:36:12 PM
 Resent: 7/28/2022 11:53:53 AM
 Resent: 7/28/2022 4:03:04 PM
 Resent: 7/28/2022 4:06:55 PM
 Viewed: 7/29/2022 6:11:29 AM
 Signed: 7/29/2022 6:11:54 AM

Electronic Record and Signature Disclosure:
 Accepted: 7/29/2022 6:11:29 AM
 ID: c01eb66d-6b36-4131-94f7-54e4fe450abc

In Person Signer Events

Signature

Timestamp

Editor Delivery Events

Status

Timestamp

Agent Delivery Events

Status

Timestamp

Intermediary Delivery Events

Status

Timestamp

Certified Delivery Events

Status

Timestamp

Carbon Copy Events

Status

Timestamp

Honey Karnitz
 hvilla@titansolarpower.com
 Security Level: Email, Account Authentication (None)

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Sent: 7/29/2022 6:11:55 AM
 Viewed: 7/29/2022 10:23:10 AM

Electronic Record and Signature Disclosure:
 Accepted: 6/7/2022 9:38:18 AM
 ID: 07f2a1d7-8684-4aed-89fc-09e0731ea753

Copy For TSP NC
 NorthCarolina.Utilities@TitanSolarPower.Com
 Security Level: Email, Account Authentication (None)

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Sent: 7/29/2022 6:11:55 AM

Electronic Record and Signature Disclosure:
 Accepted: 7/18/2022 6:29:59 AM
 ID: 7901e968-20d9-4a30-8ede-eb32c6256bd

Witness Events

Signature

Timestamp

Notary Events

Signature

Timestamp

Envelope Summary Events	Status	Timestamps
Envelope Sent	Hashed/Encrypted	7/12/2022 3:21:39 PM
Certified Delivered	Security Checked	7/29/2022 6:11:29 AM
Signing Complete	Security Checked	7/29/2022 6:11:54 AM
Completed	Security Checked	7/29/2022 6:11:55 AM

Payment Events	Status	Timestamps
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Electronic Record and Signature Disclosure

CONSUMER DISCLOSURE

From time to time, Titan Solar Power (we, us or Company) may be required by law to provide to you certain written notices or disclosures. Described below are the terms and conditions for providing to you such notices and disclosures electronically through the DocuSign, Inc. (DocuSign) electronic signing system. Please read the information below carefully and thoroughly, and if you can access this information electronically to your satisfaction and agree to these terms and conditions, please confirm your agreement by clicking the "I agree"™ button at the bottom of this document.

Getting paper copies

At any time, you may request from us a paper copy of any record provided or made available electronically to you by us. You will have the ability to download and print documents we send to you through the DocuSign system during and immediately after signing session and, if you elect to create a DocuSign signer account, you may access them for a limited period of time (usually 30 days) after such documents are first sent to you. After such time, if you wish for us to send you paper copies of any such documents from our office to you, you will be charged a \$0.00 per-page fee. You may request delivery of such paper copies from us by following the procedure described below.

Withdrawing your consent

If you decide to receive notices and disclosures from us electronically, you may at any time change your mind and tell us that thereafter you want to receive required notices and disclosures only in paper format. How you must inform us of your decision to receive future notices and disclosure in paper format and withdraw your consent to receive notices and disclosures electronically is described below.

Consequences of changing your mind

If you elect to receive required notices and disclosures only in paper format, it will slow the speed at which we can complete certain steps in transactions with you and delivering services to you because we will need first to send the required notices or disclosures to you in paper format, and then wait until we receive back from you your acknowledgment of your receipt of such paper notices or disclosures. To indicate to us that you are changing your mind, you must withdraw your consent using the DocuSign "Withdraw Consent"™ form on the signing page of a DocuSign envelope instead of signing it. This will indicate to us that you have withdrawn your consent to receive required notices and disclosures electronically from us and you will no longer be able to use the DocuSign system to receive required notices and consents electronically from us or to sign electronically documents from us.

All notices and disclosures will be sent to you electronically

Unless you tell us otherwise in accordance with the procedures described herein, we will provide electronically to you through the DocuSign system all required notices, disclosures, authorizations, acknowledgements, and other documents that are required to be provided or made available to you during the course of our relationship with you. To reduce the chance of you inadvertently not receiving any notice or disclosure, we prefer to provide all of the required notices and disclosures to you by the same method and to the same address that you have given us. Thus, you can receive all the disclosures and notices electronically or in paper format through the paper mail delivery system. If you do not agree with this process, please let us know as described below. Please also see the paragraph immediately above that describes the consequences of your electing not to receive delivery of the notices and disclosures

electronically from us.

How to contact Titan Solar Power:

You may contact us to let us know of your changes as to how we may contact you electronically, to request paper copies of certain information from us, and to withdraw your prior consent to receive notices and disclosures electronically as follows:

To contact us by email send messages to: projectmanager@titansolarpower.com

To advise Titan Solar Power of your new e-mail address

To let us know of a change in your e-mail address where we should send notices and disclosures electronically to you, you must send an email message to us at projectmanager@titansolarpower.com and in the body of such request you must state: your previous e-mail address, your new e-mail address. We do not require any other information from you to change your email address..

In addition, you must notify DocuSign, Inc. to arrange for your new email address to be reflected in your DocuSign account by following the process for changing e-mail in the DocuSign system.

To request paper copies from Titan Solar Power

To request delivery from us of paper copies of the notices and disclosures previously provided by us to you electronically, you must send us an e-mail to projectmanager@titansolarpower.com and in the body of such request you must state your e-mail address, full name, US Postal address, and telephone number. We will bill you for any fees at that time, if any.

To withdraw your consent with Titan Solar Power

To inform us that you no longer want to receive future notices and disclosures in electronic format you may:

- i. decline to sign a document from within your DocuSign session, and on the subsequent page, select the check-box indicating you wish to withdraw your consent, or you may;
- ii. send us an e-mail to projectmanager@titansolarpower.com and in the body of such request you must state your e-mail, full name, US Postal Address, and telephone number. We do not need any other information from you to withdraw consent.. The consequences of your withdrawing consent for online documents will be that transactions may take a longer time to process..

Required hardware and software

Operating Systems:	Windows® 2000, Windows® XP, Windows Vista®; Mac OS® X
Browsers:	Final release versions of Internet Explorer® 6.0 or above (Windows only); Mozilla Firefox 2.0 or above (Windows and Mac); Safari®, 3.0 or above (Mac only)
PDF Reader:	Acrobat® or similar software may be required to view and print PDF files
Screen Resolution:	800 x 600 minimum
Enabled Security Settings:	Allow per session cookies

** These minimum requirements are subject to change. If these requirements change, you will be asked to re-accept the disclosure. Pre-release (e.g. beta) versions of operating systems and browsers are not supported.

Acknowledging your access and consent to receive materials electronically

To confirm to us that you can access this information electronically, which will be similar to other electronic notices and disclosures that we will provide to you, please verify that you were able to read this electronic disclosure and that you also were able to print on paper or electronically save this page for your future reference and access or that you were able to e-mail this disclosure and consent to an address where you will be able to print on paper or save it for your future reference and access. Further, if you consent to receiving notices and disclosures exclusively in electronic format on the terms and conditions described above, please let us know by clicking the "I agree"™ button below.

By checking the "I agree"™ box, I confirm that:

- I can access and read this Electronic CONSENT TO ELECTRONIC RECEIPT OF ELECTRONIC CONSUMER DISCLOSURES document; and
- I can print on paper the disclosure or save or send the disclosure to a place where I can print it, for future reference and access; and
- Until or unless I notify Titan Solar Power as described above, I consent to receive from exclusively through electronic means all notices, disclosures, authorizations, acknowledgements, and other documents that are required to be provided or made available to me by Titan Solar Power during the course of my relationship with you.