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COMPLETION STATUS : SUBMITTED

Display Edit View

CLICKING 'DISPLAY EDIT VIEW' WILL SHOW THE FORM IN A SEGMENTED ORDER, ALLOWING YOU TO EASILY ANSWER QUESTIONS.

## Applicant

### NC & SC Application for 20kW or less

#### Please Read!

If you are not applying to interconnect a new NC or SC system, 20kW or less, please exit this form by clicking the Interconnection Request link at the top of this page. Transfer of ownership requests must be submitted using a different form. All applicable fields are required for submission.

#### Processing Fee

A non-refundable processing fee of \$100 for SC and \$200 for NC must accompany this Interconnection Request Application form. The fee can be paid electronically after completing the application submission.

## Interconnection Customer Information

Enter information for the Duke Energy NC or SC customer below. Customer Name and Address must match your Duke Energy utility bill for the generating facility exactly.

CUSTOMER COMPANY NAME (IF APPLICABLE)

CONTACT

\* (REQUIRED) CUSTOMER FIRST NAME :

\* (REQUIRED) CUSTOMER LAST NAME :

\* (REQUIRED) CUSTOMER TYPE

\* (REQUIRED) CUSTOMER ACCOUNT NUMBER :

\* (REQUIRED) UTILITY

\* (REQUIRED) CUSTOMER EMAIL :

CUSTOMER CONTACT TELEPHONE (DAY) :

CUSTOMER CONTACT TELEPHONE  
(ALTERNATE) :

CUSTOMER FAX NUMBER :

\* (REQUIRED) CUSTOMER SERVICE ADDRESS :

\* (REQUIRED) SERVICE CITY

\* (REQUIRED) SERVICE STATE

\* (REQUIRED) SERVICE ZIP

\* (REQUIRED) SERVICE  
COUNTY

Harnett

**\* (REQUIRED) LATITUDE (DECIMAL) :**

35.413760

**\* (REQUIRED) LONGITUDE (DECIMAL) :**

-78.722350

If mailing address is different, complete the details below.

**CUSTOMER MAILING ADDRESS :**

same as above

**MAILING CITY**

**MAILING STATE**

-- None --

**MAILING ZIP**

Ex. 99999

**MAILING COUNTY**

-- None --

### Installer Contact Information

**\* (REQUIRED) IS THE SERVICE CUSTOMER COMPLETING THE INSTALLATION?**

No

**INSTALLER COMPANY NAME**

Moxie Solar

The Installer Contact field below may be used to lookup a contact you have previously entered through this portal.

**INSTALLER CONTACT**

Jenn Hall

**INSTALLER FIRST NAME**

Jenn

**INSTALLER LAST NAME**

Hall

**INSTALLER EMAIL**

jenn@moxiesolar.com

**INSTALLER ADDRESS**

PO Box 703

**INSTALLER CITY**

North Liberty

**Installer State**

IA

**INSTALLER ZIP CODE**

52317

**INSTALLER PHONE**

(319) 329-0460

**INSTALLER FAX NUMBER**

Enter a 10 digit number i.e.1234567890

**NABCEP PV INSTALLATION PROFESSIONAL CERTIFICATION**

PV-040318-016596

## General Request Information

If the generating facility (or residence) is leased, a copy of the lease is required. Attach the lease on the Attachments page of this application prior to submission.

**\* (REQUIRED) GENERATING FACILITY IS**

Owned

**NEWLY CONSTRUCTED FACILITY?**

No

**\* (REQUIRED) GENERATING EQUIPMENT IS**

Owned

**TYPE OF HEAT**

Electric

**SQUARE FOOTAGE**

1200

**SYSTEM INTENDED DESIGN**

NC NM-Net Metering for Renewable Energy Facilities

**IF NET METERING, SELECT PREFERRED RATE SCHEDULE**

Current Retail Rate

**TERM (PURCHASE POWER ONLY)**

**IF PURCHASE POWER, SELECT PREFERRED OPTION**

# System

## Existing System Information

If a system is already present, please provide manufacturer/model and quantity details for each solar panel, inverter and/or battery.

**\* (REQUIRED) EXISTING GENERATOR AT LOCATION?**

**EXISTING GENERATOR REMARKS**

## New System Information

**IF NC, NCUC DOCKET NUMBER IS REQUIRED**

**IS THIS PART OF A MICROGRID?**

**\* (REQUIRED) PRIMARY ENERGY SOURCE**

**\* (REQUIRED) PRIME MOVER**

**PRIME MOVER(OTHER)**

**\* (REQUIRED) SYSTEM DESIGN CAPACITY KW AC (SYSTEM TOTAL)**

**\* (REQUIRED) ENERGY SOURCE TYPE**

**ENERGY SOURCE(OTHER)**

**PHASE**

The 20 kW Inverter Process is available only for inverter-based Generating Facilities no larger than 20 kW that meet the codes, standards, and certification requirements of the Interconnection Procedures, or the Utility has reviewed the design or tested the proposed Generating Facility and is satisfied that it is safe to operate.

### New Solar Panel Information

SOLAR PANEL MANUFACTURER	SOLAR PANEL MODEL	SOLAR PANEL QUANTITY	SOLAR PANEL WATTAGE	
<input type="text" value="Hyundai Heavy Industries"/>	<input type="text" value="HIA-S370HI"/>	<input type="text" value="6"/>	<input type="text" value="370.0000"/>	<input data-bbox="1879 462 1921 511" type="button" value="+"/>

Is this a Solar-Inverter or Micro-Inverter?

### New Micro Inverter Information

MICRO INVERTER MANUFACTURER	MICRO INVERTER MODEL	MICRO INVERTER QUANTITY	MICRO INVERTER WATTAGE	
<input type="text" value="Enphase Energy"/>	<input type="text" value="IQ7Plus - 72-2-US"/>	<input type="text" value="6"/>	<input type="text" value="290.00"/>	<input data-bbox="1900 933 1942 982" type="button" value="+"/>

### New Battery Information

\* (REQUIRED) IS BATTERY STORAGE USED?

TOTAL BATTERY CAPACITY KW DC

BATTERY MANUFACTURER

BATTERY MODEL

BATTERY QUANTITY

## Additional Equipment Information

If additional equipment is being installed, attach the equipment type, manufacturer/model, quantity and wattage on the Attachments page of this application prior to submission.

### Installation Details

Estimated Installation Date

08/28/2020

Estimated In-Service Date

08/31/2020

\* (REQUIRED) INSURANCE COMPANY NAME

USAA

\* Insurance Expiration Date

04/21/2021

## Attachments

### Required Attachments

Electrical One Line diagram\*

7-10-2020 Hensley, Devin & Katelynn Plans

Browse

Copy of Insurance\*

028 COL - Hensley, Devin & Katelynn

Browse

Specification Sheets\*

Hyundai HiA -S360HI 365 370 375 380 385

Browse

Inverter Specification Sheet\*

ENPHASE IQ7plus data sheet

Browse

The following is required for NC applications only.

[Browse](#)

Please attach copy of lease, additional spec sheets, additional equipment documentation and your electrical inspection in the Additional Attachments section below.

Attachments

[Add](#)

## Acknowledgements

### Electronic Signature

To officially sign this application and submit, complete the steps below. If you are re-submitting your application, you must generate a new pdf when you are ready to submit the requested changes.

1. Click Generate Owner PDF.
2. Review the PDF and click Send to obtain signature.
3. Click the Submit IR button after sending the PDF. **IMPORTANT:** Completion Status under the wizard bar will change from “Draft” to “Submitted”. If “Draft” continues to display, click Submit IR again. Your application will not be reviewed while in Draft status.

Note: The PDF will be sent to below mentioned email address to E-Sign the Interconnection Request.

Customer Email Address: [devin.hensley@icloud.com](mailto:devin.hensley@icloud.com) (mailto:devin.hensley@icloud.com)

[Generate PDF](#)



# Payment

If Net Metering Waitlist (for SC Duke Energy Carolinas Only), fee is waived for submission until confirmation. For all other applications, Non-refundable fee below is required upon submission.

**Application Fee =**

# Finish

## Thank you for your submission

Your application is under review and will only be considered complete when all required documents and payments have been received. The status of your request is available at the bottom of the Interconnection Request page. We will contact you by email with information regarding the completeness of your request.

## Next Steps: Contingent Approval & Certificate of Completion

Once your application is reviewed, a certificate of completion will then be required. The form is included at the end of the electronic pdf.

When final inspection is complete, proof of a successful inspection will be required. We will ask you to provide the inspection document, which must include the service address, state "Solar" or "Photovoltaic (PV)", date passed and a final "Pass" status.

## NC Solar Rebates

Thank you for submitting your application for interconnection. Once we have reviewed and verified the information provided, you will receive a letter of completion that contains your unique ID. Upon receipt, please return to this page and follow the link below to apply for your rebate.

Program capacity is limited and a waiting list may already be in place. For details, terms and conditions of these rebates, please visit our **[Duke Energy NC Solar Rebate Program](https://www.duke-energy.com/home/products/renewable-energy/nc-solar-rebates/)** (<https://www.duke-energy.com/home/products/renewable-energy/nc-solar-rebates/>) webpage.

**[APPLY FOR NC REBATE](https://www.duke-energy.com/home/products/renewable-energy/nc-solar-rebates/apply-online#startStop)** (<https://www.duke-energy.com/home/products/renewable-energy/nc-solar-rebates/apply-online#startStop>)

# Certificate of Completion

Electrician

**ELECTRICIAN CONTACT STATE**

-- None --

## Attachments

Proof of Inspection

Browse

**COC SUBMISSION STATUS : PENDING**

Save As Draft

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