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 $100 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

Name:	Anita Bolz
Contact Person:	Carl Bolz
Email Address:	bolzca3@gmail.com
Address:	66 Sherman Pines Drive
City:	Fuquay-Varina
State:	NC
Zip:	27526
County:	Harnett
Telephone (Day):	9195770984
(Evening):	
Fax:	

Contact (if different than Interconnection Customer)

Name:	John Leonard
Email Address:	johnleonard@emeraldenergync.com
Address:	8673 Harps Mill Rd
City:	Raleigh
State:	NC
Zip:	27615
County:	Wake
Telephone (Day):	9192473670
(Evening):	
Fax:	

Owner(s) of the Generating Facility:	

Generating Facility Information

Facility Location (if different from above):

Address:	66 Sherman Pines Drive
City:	Fuquay-Varina
State:	NC
Zip:	27526
County:	Harnett
Utility	Duke Energy Progress
Account Number:	7036237720

For photovoltaic sources only:

Inverter Manufacturer:	Inverter: 1 x SolarEdge Technologies 3.7 kW (Model SE3800H-US (240V)) Inverter Rating (ea): 3.747 kW AC Efficiency: 99% PV Module Array: 16 x SolarWorld 295W (Model Sunmodule Plus SWA 295 mono black) Module Rating (ea): 295 W DC, 266.7 W PTC Tilt: 30 Azimuth: 160 Tracking: Fixed Nameplate Rating: 4.72 kW DC AC Rating: 4.225 kW CEC-AC Estimated Annual Production: 6916 kWh Design Factor: 96.4 %
Model:	
Total panel capacity:	
Nameplate Rating (each inverter):	3.8 $kVA_{(AC)}$ (each inverter)
	240 $Volts_{(AC)}$ (each inverter)

Phase:	Single Phase
System Design Capacity:	4.72$kVA_{(AC)}$
Maximum Physical Export Capability Requested:	$kW_{(AC)}$
Prime Mover	Photovoltaic

ENERGY SOURCE TABLE

Renewable	Non-Renewable
H-1. Solar – Photovoltaic	

Is the equipment UL 1741 Listed?	

If Yes, attach manufacturer's cut-sheet showing UL 1741 listing

Estimated Installation Date	2/11/2019
Estimated In-Service Date	2/12/2019

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 Attachments 3 and 4 of the North Carolina Interconnection Procedures, or the Utility has reviewed the design or tested the proposed Generating Facility and is satisfied that it is safe to operate.

List components of the Generating Facility equipment package that are currently certified:

Number	Equipment Type	Certifying Entity
1.		
2.		
3.		
4.		
5.		

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.

Signed: DocuSigned by: Anita Boh AB C4C260EE3DCF4A9...

Title: _____ Date: 1/11/2019

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: DocuSigned by: Brooke Pate F8443FD14830401...

Title: Smart Energy Specialist Date: 1/30/2019

Interconnection Request ID number: INTCO-15202

Utility waives inspection/witness test? No