

Note: Please complete the form, print it, have it signed, notarized, make 15 copies and send them to the Chief Clerk of the Commission. Be sure to print a copy for your records as you cannot save data onto the form, nor can you file it online. Be sure to attach additional information, such as maps, as required.

Application to Register a Renewable Energy Facility or New Renewable Energy Facility Pursuant to Rule R8-66

(Applicants should consult Rule R8-66 while completing this form in order to ensure they provide sufficient information.)

Facility name:	Mark Martner
Full and correct name of the owner of the facility:	Mark Martner
Business address:	1197 Point Lookout Drive Wilkesboro NC 28697
Electronic mailing address:	edcatjones@wilkes.net
Telephone number:	336-341-6179
Owner's agent for purposes of this application, if applicable:	Eddie Jones
Agent's business address:	979 Roope Ridge Rd Hays NC 28635
Agent's electronic mailing address:	edcatjones@wilkes.net
Agent's telephone number:	336-341-6179
The owner is: Mark Martner	<input checked="" type="checkbox"/> Individual <input type="checkbox"/> Partnership <input type="checkbox"/> Corporation (including LLC)
If a corporation, state and date of incorporation.	State _____ Date _____

If a corporation that is incorporated outside of North Carolina, is it domesticated in North Carolina?	<input type="checkbox"/> Yes <input type="checkbox"/> No
If a partnership, the name and business address of each general partner. (Add additional sheets if necessary.)	
Nature of the renewable energy facility:	To Net Meter
1. Describe the facility, including its technology, and the source of its power and fuel(s). Thermal facilities should describe how its host uses the facility's thermal energy output. (Add additional sheets if necessary.)	Solar PV 6.120 Watts, 24 Astronergy 255 Watt Panels, 24 -250 Watts Enphase Micro inverters
2. Whether it produces electricity, useful thermal energy, or both.	Electricity
3. Nameplate capacity in kW/MW (AC) and/or maximum Btu per hour for thermal facilities.	6.120 KW

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The location of the facility set forth in terms of local highways, streets, rivers, streams, or other generally known local landmarks. Attach a map, such as a county road map, with the location indicated on the map.	Hwy 421W to Hwy 268W to Jim Caudill on Right, T/L on Higgings Rd, continue until road name changes to Point Lookout Drive, House is at the end of the road on right
Site ownership:	Mark Martner
1. Is the site owner other than the facility owner? If yes, who is the site owner?	No
2. What is the facility owner's legal interest in the site?	Trying to Net Meter
List the approvals that are required to build and/or operate this facility, and attach copies of those that have been obtained. Wind facilities with multiple turbines, where each turbine is licensed separately, may provide copies of approvals for one such turbine but shall add an attestation that approvals for all of the turbines are available for inspection.	
1. Federal permits and licenses:	N/A
2. State permits and licenses:	Wilkes County Building Permit # M22270
3. Exemptions required for construction and operation of the facility:	N/A
4. Statement of whether each has been obtained or applied for (attach copy of those that have been obtained with this application):	Wilkes County Building Permit has been obtained and a copy is included.

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If the facility has been placed into service, on what date did the facility begin operating?	Has not been placed in service
If the facility is not yet operating, on what date is the facility projected to be placed into service?	March 17, 2015
If the facility is already operating, what is the amount of energy produced by the facility, net of station use, for the most recent 12-month or calendar-year period? Energy production data for a shorter time period is acceptable for facilities that have not yet operated for a full year.	N/A
What entity does (or will) read the facility's energy production meter(s) for the purpose of issuing renewable energy certificates?	Duke Energy and Enphase
For thermal energy facilities, describe the method to be used to determine the facility's thermal energy production, in BTUs, that is eligible for REC issuance.	N/A
Does the facility participate in a REC tracking system and if so, which one? If not, which tracking system will the facility participate in for the purpose of REC issuance?	North Carolina State Renewable Energy Credit

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If this facility has already been the subject of a proceeding or submittal before the Commission, such as a Report of Proposed Construction or a Certificate of Public Convenience and Necessity, please provide the Commission Docket Number, if available.

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The owner of the renewable energy facility shall provide the following attestations, signed and notarized:

1. ☒ Yes ☐ No I certify that the facility is in substantial compliance with all federal and state laws, regulations, and rules for the protection of the environment and conservation of natural resources.
2. ☒ Yes ☐ No I certify that the facility satisfies the requirements of G.S. 62-133.8(a)(5) or (7) as a:
☐ renewable energy facility, or
☒ new renewable energy facility,
 and that the facility will be operated as a:
☐ renewable energy facility, or
☒ new renewable energy facility.
3. ☒ Yes ☐ No I certify that 1) my organization is not simultaneously under contract with NC GreenPower to sell our RECs emanating from the same electricity production being tracked in NC-RETS; and 2) any renewable energy certificates (whether or not bundled with electric power) sold to an electric power supplier to comply with G.S. 62-133.8 have not, and will not, be remarketed or otherwise resold for any other purpose, including another renewable energy portfolio standard or voluntary purchase of renewable energy certificates in North Carolina (such as NC GreenPower) or any other state or country, and that the electric power associated with the certificates will not be offered or sold with any representation that the power is bundled with renewable energy certificates.
4. ☒ Yes ☐ No I certify that I consent to the auditing of my organization's books and records by the Public Staff insofar as those records relate to transactions with North Carolina electric power suppliers, and agree to provide the Public Staff and the Commission access to our books and records, wherever they are located, and to the facility.
5. ☐ Yes ☒ No I certify that the information provided is true and correct for all years that the facility has earned RECs for compliance with G.S. 62-133.8.
6. ☒ Yes ☐ No I certify that I am the owner of the renewable energy facility or am duly authorized to act on behalf of the owner for the purpose of this filing.

(Signature)

(Title)

(Name - Printed or Typed)

(Date)

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VERIFICATION

STATE OF North Carolina COUNTY OF Wilkes

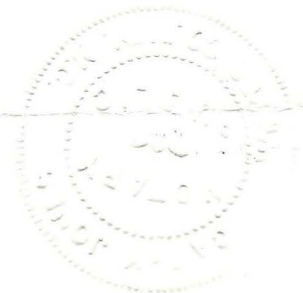
[Signature], personally appeared before me this day and, being first duly sworn, says that the facts stated in the foregoing application and any exhibits, documents, and statements thereto attached are true as he or she believes.

WITNESS my hand and notarial seal, this _____ day of _____, 20____.

My Commission Expires: 9-4-2019

Cathy Jones
Signature of Notary Public

Cathy Jones
Name of Notary Public – Typed or Printed



The name of the person who completes and signs the application must be typed or printed by the notary in the space provided in the verification. The notary's name must be typed or printed below the notary's seal. This original verification must be affixed to the original application, and a copy of this verification must be affixed to each of the copies that are also submitted to the Commission.

Included in this quote are the following products. If you have any questions please call 800-472-1142 and ask for Wil

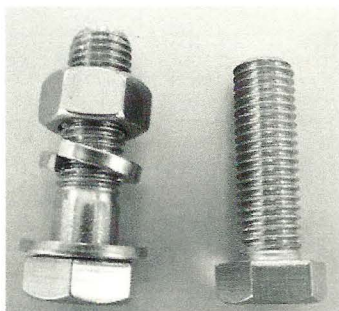


1970255

Astronergy 255 watt Module Silver MC4 CHSM6610P-255 -

60-cell polycrystalline module
Mfg. warranty backed by 3rd party
25 year linear performance warranty

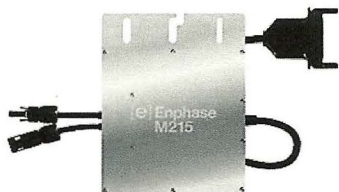
<http://www.wholesalesolar.com/products.folder/module-folder/Astronergy/CHSM6610P-255.html>



1898685

Enphase M215/M250 Mounting Hardware kit for Ironridge

Properly secure your micro-inverter to the rails

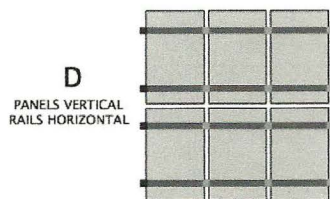


2977568

Enphase M215-IG - Micro Inverter, 208/240 VAC for MC4

Best bang for your buck grid tie inverter
Easy to install
Great monitoring available
25 year warranty
Best warranty in it's class

<http://www.wholesalesolar.com/products.folder/inverter-folder/M215-IG-enphase-energy.html>



6913221

IronRidge XR100 Option D racks per 65" X 39" Module inc.

20 Year Warranty
Stamped engineering letters for 37 states
Made in the USA

<http://www.wholesalesolar.com/ironridge.html>

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Permit # M22270

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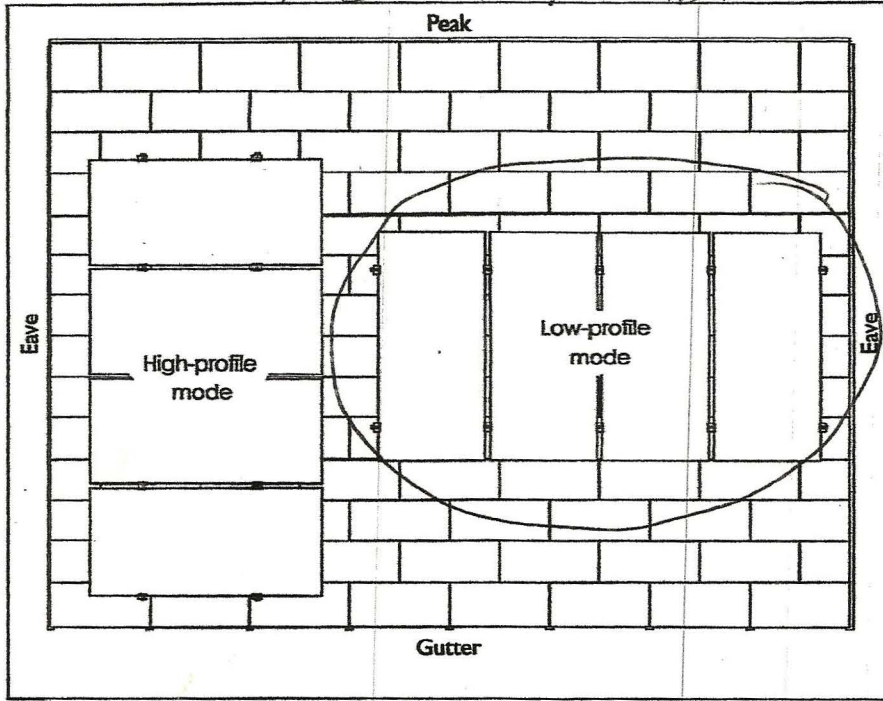
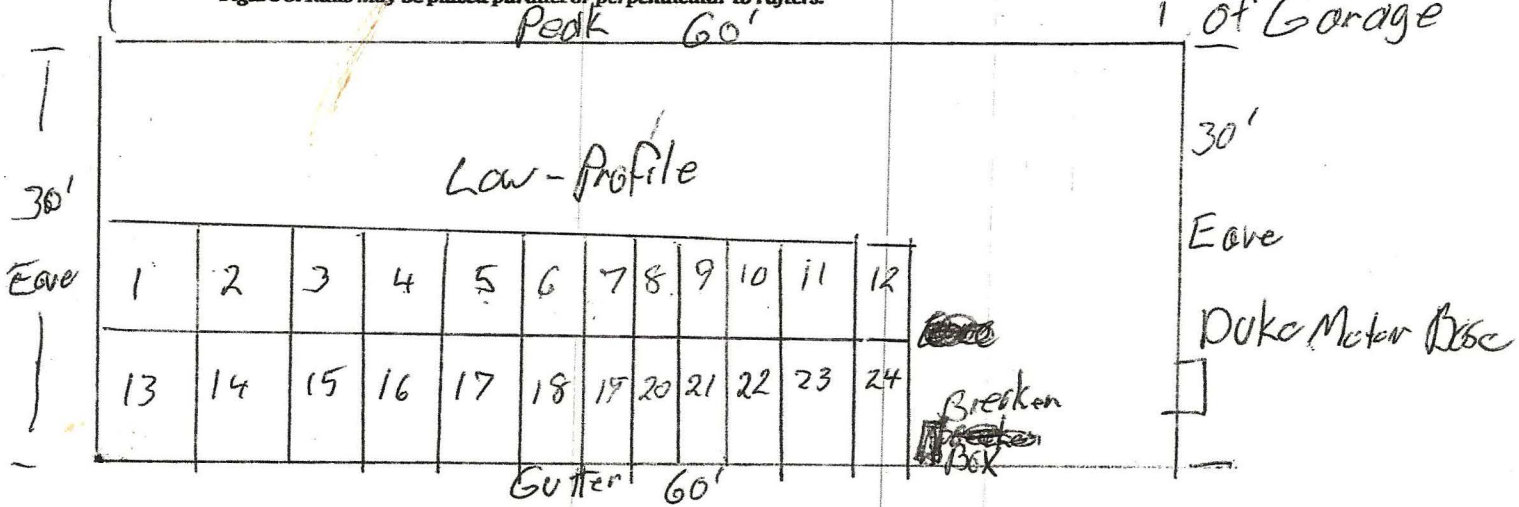


Figure 6. Rails may be placed parallel or perpendicular to rafters.

Back of roof
of Garage



24 Panels Total 6kw
For Mark Moutnen

Address 197 Point Lookout Dr Wilkesboro NC

Permit # M22270

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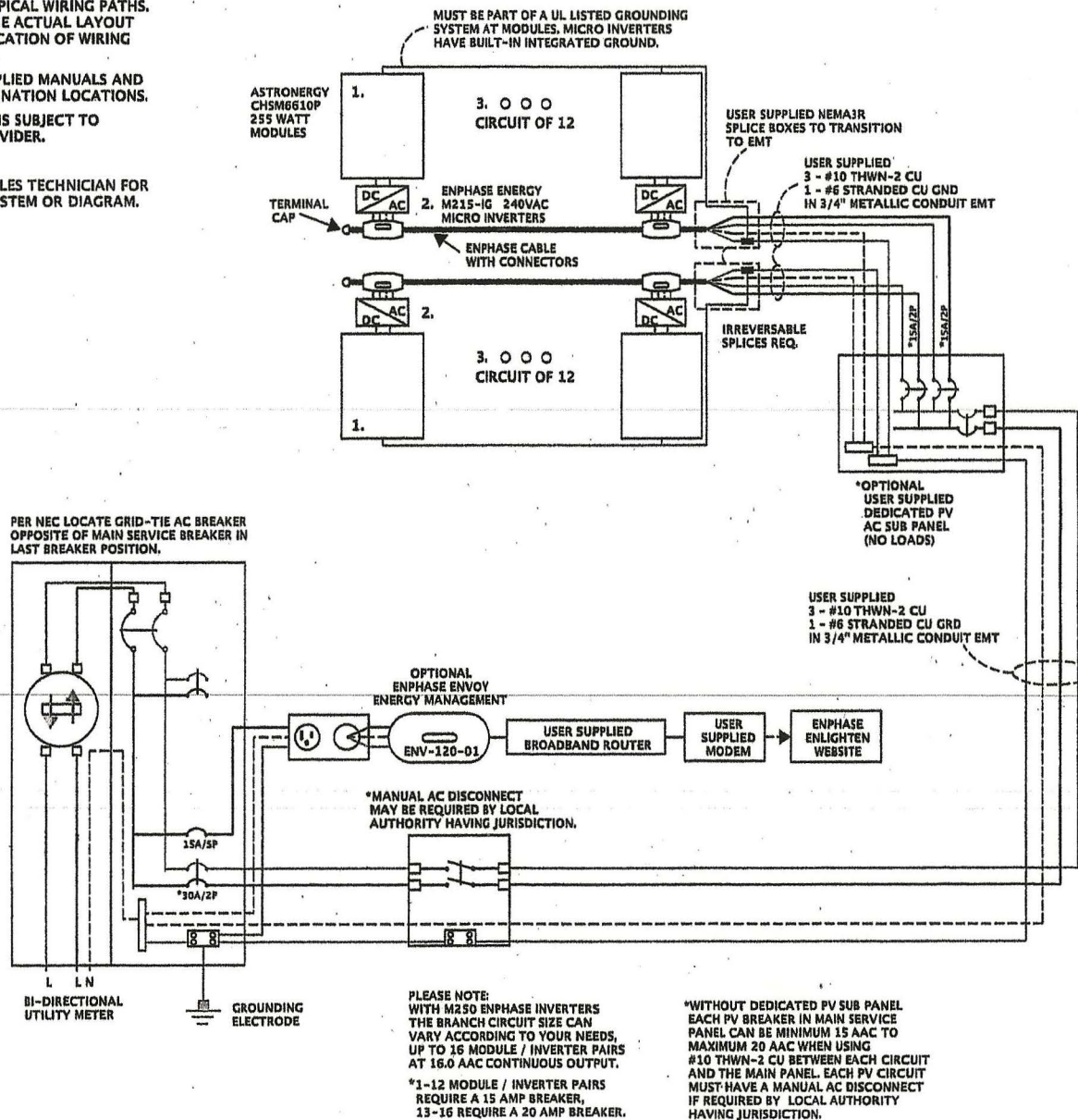
IMPORTANT: READ ALL MANUALS COMPLETELY PRIOR TO INSTALLATION OF SYSTEM COMPONENTS AND WIRING FOR CRITICAL SAFETY INFORMATION, INSTALLATION SEQUENCES, ENVOY SETTINGS IF PRESENT, AND OPERATION PROCEDURES.

THIS DIAGRAM DEPICTS TYPICAL WIRING PATHS. IT MAY NOT REPRESENT THE ACTUAL LAYOUT OF THE EQUIPMENT OR LOCATION OF WIRING TERMINATION LOCATIONS.

PLEASE REFER TO THE SUPPLIED MANUALS AND LABELS FOR ACTUAL TERMINATION LOCATIONS. LOCATION OF EQUIPMENT IS SUBJECT TO APPROVAL OF UTILITY PROVIDER.

PLEASE CONTACT YOUR SALES TECHNICIAN FOR QUESTIONS ABOUT THIS SYSTEM OR DIAGRAM.

WHOLESALE SOLAR
1-800-472-1142



WHOLESALE SOLAR

Gridtie Wiring Diagram
with Enphase Inverters for
6.12 kW System 1890315

- SOLAR PV MODULES**
ASTRONERGY
NC4 CHSM6610P-255
PMAX 255 WATTS
VMPP 30.68 VDC
VOC 38.40 VDC
IMPP 8.33 ADC
ISC 8.69 ADC
- MICRO INVERTERS**
ENPHASE ENERGY
M215-60-2LL-IG
DC INPUT
PMAX 255 WATTS
AC OUTPUT
240 VAC / 60 HZ
PMAX 225 WATTS
- PV / MICRO INVERTER
BRANCH CIRCUITS**
CONTINUOUS OUTPUT
215 WATTS @ 240 VAC
12 INVERTERS
2,580 WATTS AC CONT.
10.75 AAC CONT.

ALL WIRING MUST COMPLY WITH NEC GUIDELINES AND LOCAL AUTHORITY HAVING JURISDICTION.

DIAGRAM NOTATIONS REFLECT BREAKER SIZES, AND MINIMUM WIRE AND CONDUIT SIZES FOR SIZE OF SYSTEM AS SHOWN AND ACCORDING TO 2011 NEC REGULATIONS FOR SAFETY.

PREPARED BY: LEE
CHECKED BY: JOSH
12.24.2014 REV 1

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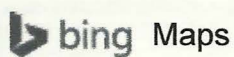
RECEIPT

COUNTY OF WILKES		35459
RECEIVED FROM		DATE 01/29/15
Unlimited Solar Energy		\$ 90.00
FOR: Mark [unclear]		DOLLARS
FOR M22270 (install 6 kW solar		
PV system backside		
of garage)		
AMOUNT OF ACCOUNT	<input type="checkbox"/> CASH	BY June W. Zol
THIS PAYMENT 90.00	<input checked="" type="checkbox"/> CHECK	# 1063
BALANCE DUE	<input type="checkbox"/> M.O.	THANK YOU

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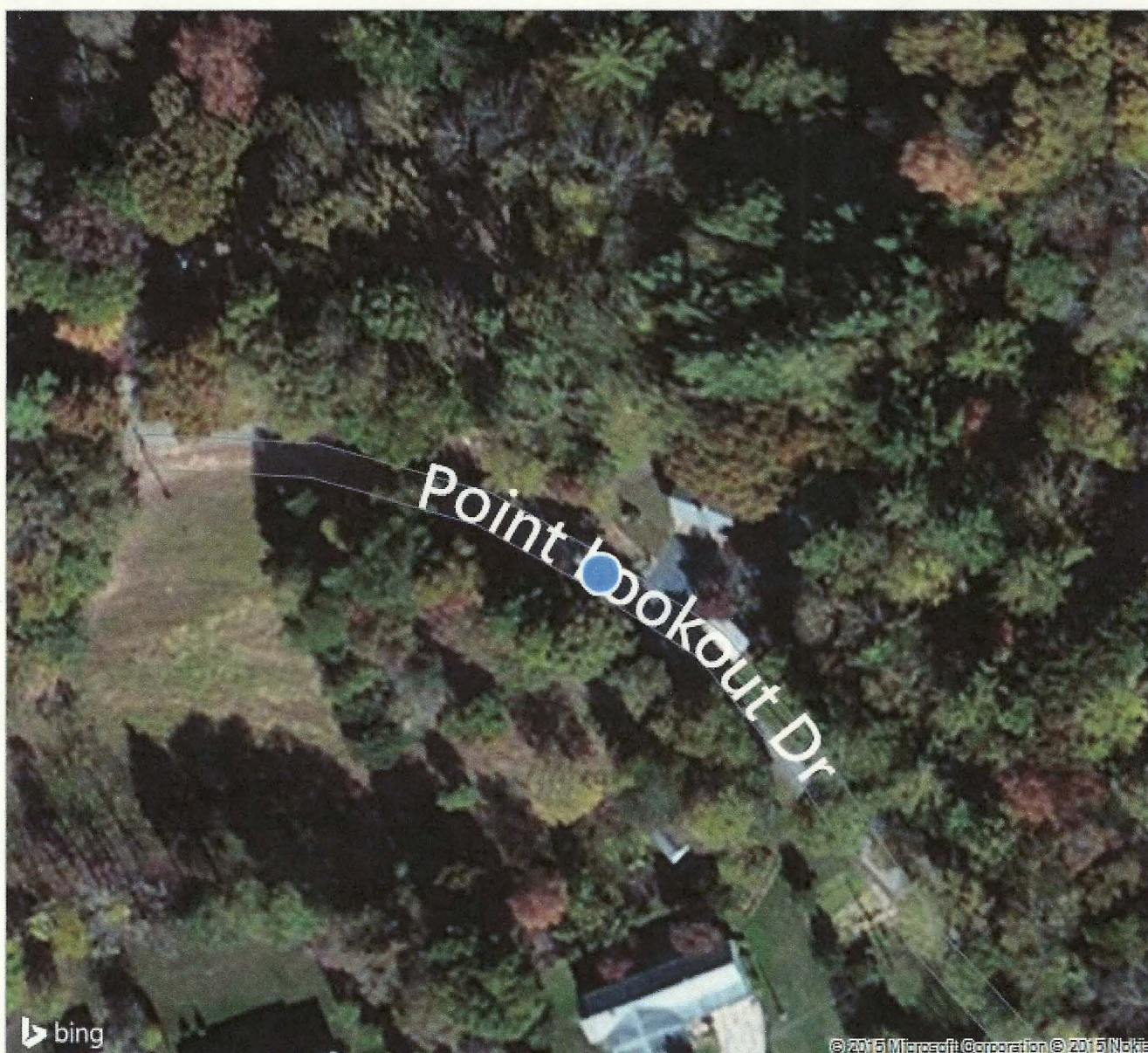
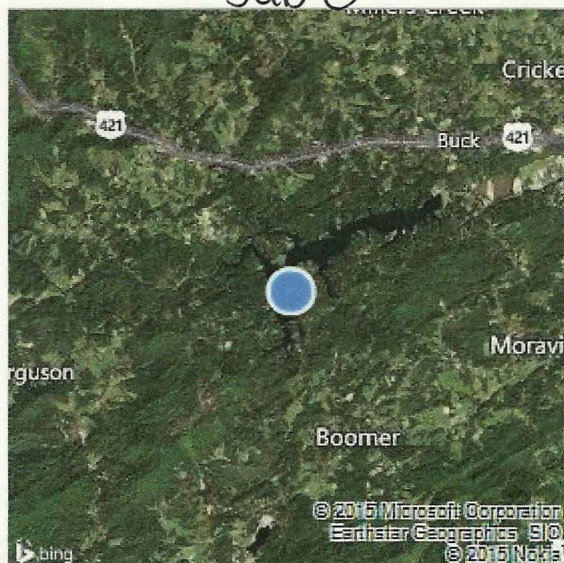


Point Lookout Dr, Wilkesboro, NC 28697

1197 POINT LOOKOUT DR
WILKESBORO NC 28697



On the go? Use m.bing.com to find maps, directions, businesses, and more





MARK A MAUTNER
1197 POINT LOOKOUT RD

Account Number 1918738823
Verification Code 9
Bill Date 01/06/2015
Current Charges Past Due After 01/20/2015

Service From: DEC 02 to JAN 05 (34 Days)

Your next scheduled meter reading will occur between FEB 03 and FEB 06

PREVIOUS BILL AMOUNT	PAYMENTS (-)	NEW CHARGES (+)	ADJUSTMENTS (+ OR -)	AMOUNT DUE (=)
\$50.65	\$50.65	\$59.06	\$0.00	\$59.06

METER NUMBER	METER READINGS: PREVIOUS PRESENT	MULTI- PLIER	TOTAL USAGE	RATE SCHEDULE DESCRIPTION	AMOUNT
252837	2353 2858	1	505 KWH	BC - Building Construction Service	53.98
				Renewable Energy Rider	1.22
				Sales Tax	3.86
Amount Due					59.06

Electricity Usage	This Month	Last Year
Total KWH	505	N/A
Days	34	N/A
AVG KWH per Day	15	N/A
AVG Cost per Day	\$1.59	N/A

Our records indicate your telephone number is ???-???-???? . If this is incorrect, please follow the instructions on the back of the bill.

A late payment charge of 1.0 % will be added to any past due utility balance not paid within 25 days of the bill date.

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For Correspondence:

PO BOX 1090 CHARLOTTE NC 28201-1090
DUKE PHONE: 800-777-9898 www.duke-energy.com

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Interconnection Customer Signature

I hereby certify that, to the best of my knowledge, the information provided in this Interconnection Request is true. I agree to abide by the Terms and Conditions for Interconnecting a Certified Inverter-Based Generating Facility No Larger than 10 kW and return the Certificate of Completion when the Generating Facility has been installed.

Signed: [Signature]

Title: Owner Date: 12-31/14

Systems' intended design:

- ☒ Rider NM (Net Metering)
☐ Rider SCG (Small Customer Generator)
☐ Rate Schedule PP-N or PP-H (Purchase Power)

If Selling Output to Duke Energy under Rate Schedule PP-N or PP-H, Length of Contract term chosen:

☐ Variable (annual) ☐ 5-Year Fixed ☐ 10-Year Fixed ☐ 15-Year Fixed

If Selling Output to Duke Energy under Rate Schedule PP-N or PP-H, Select Rate Option:

☐ Option A ☐ Option B

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 10 kW and return of the Certificate of Completion.

Utility Signature: _____

Title: _____ Date: _____

Interconnection Request ID number: _____

Utility waives inspection/witness test? Yes ☐ No ☐