**Eligibility:** Only residential homeowners served by Duke Energy Progress (“DEP”) are eligible to apply. The Applicant must : (1) own the solar PV system (“System”), (2) own and occupy the residence upon which the System is installed, and (3) own all non-energy attributes of the System, including environmental attributes and/or the renewable energy certificates (“RECs”) attributable to the amount of energy generated by the System.
**System Requirements:** The System must be: (1) installed on real property owned by a residential customer of DEP, located in North Carolina with electric service to the site being supplied by DEP, (2) installed and operated in accordance with governmental and industry standards and comply with the National Electric Code requirements, and (3) between 2 kilowatt (kW) AC and 10 kW AC capacity rating (on an aggregate basis).

**Interconnection:** DEP’s acceptance of this Application and Applicant’s submittal of the Certificate of Completion shall satisfy all requirements for Applicant to submit an Interconnection Request for solar PV systems served under the Residential Service SunSense Solar Rebate Rider SSR.

**Renewable Energy Certificates (RECs)** All RECs produced by the solar PV system will be provided to DEP. While service is received under Rider SSR, DEP assumes all responsibility regarding registration and reporting of Applicant’s RECs to the regulatory body having jurisdiction.

**Approval and Installation Requirement:** DEP, in its sole and absolute discretion, may accept or reject any Application for any reason. Upon DEP’s acceptance of an Application, DEP will notify the Applicant. System installation, including Applicant’s submittal of the Certificate of Completion, must occur within ninety (90) days of Company’s Application acceptance. **If System construction or installation occurs before Application acceptance, then DEP may, in its sole and absolute discretion, determine that the Applicant’s System is ineligible. In such event, DEP shall have no obligation to make any payment to Applicant**.
**Payment Terms:** Upon installation of the System and submittal to DEP of a Certificate of Completion, Applicant will receive a one-time payment as stated in Rider SSR of $500 per kW AC for the System RECs, subject to acceptance and Applicant’s compliance with all terms, conditions, and obligations of DEP’s Residential Service Time-of-Use Schedule R-TOUD, Net Metering for Renewable Energy Facilities Rider NM, and Rider SSR.

**Please click each box to complete the form below; then print, sign and return to the address given.**

|  |
| --- |
| **SECTION 1: APPLICANT INFORMATION (if residence is jointly owned, include both owners’ names and signatures)** |
|  NAME      | DUKE ENERGY PROGRESS ACCOUNT NO.      |
| HOME ADDRESS (physical address of proposed PV system)      | CITY      | STATE   | ZIP      |
| PRIMARY PHONE       | SECONDARY PHONE      |
| MAILING ADDRESS (if different from home address)      | EMAIL      |
| **SECTION 2: INSTALLER INFORMATION** |
| COMPANY NAME      | CONTACT NAME       |
| MAILING ADDRESS      | CITY      | STATE   | ZIP      |
| BUSINESS PHONE      | MOBILE PHONE      |
| EMAIL      | ELECTRICAL CONTRACTOR LICENSE NO. (REQUIRED)       | NABCEP PV INSTALLATION PROF. CERT. NO (REQUIRED)      |
| **SECTION 3: SYSTEM INFORMATION** |
| MODULE MFG       | MODULE MODEL #       | # OF MODULES       |  DC RATED CAPACITY      kW  | DERATE FACTOR\*x       | AC RATED CAPACITY      =kW | TOTAL SYSTEM COST$       |
| TECHNOLOGY (CHOOSE ONE): THIN FILM [ ]  CRYSTALLINE [ ]  | INVERTER UL 1741 LISTED? IF YES, MFG/MODEL:       |
| **\*\*\*REQUIRED – Attach Installer’s quote AND PV Watts Documentation\*\*\*** |

**\* See Section 4. Derate factor obtained using PV Watts v2. Consult your Installer with any questions.**

**Questions regarding this application should be directed to** DEPhomesolar@duke-energy.com. **Send completed Application with installer’s quote to one of the following:**

|  |  |
| --- | --- |
| **1) EMAIL (scanned with signature):**DEPhomesolar@duke-energy.com |  **2) MAIL – Duke Energy Progress** **Residential Solar PV Program** **PO Box 1551, NC14** **Raleigh, NC 27602** |
|  |  |

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| --- |
| **SECTION 4: SYSTEM INTALLATION INFORMATION** |
| Productivity of PV systems is sensitive to the specifics of the installation method and location. System output is impacted by shading and PV orientation, referred to as panel tilt angle and azimuth. Any System that annually produces less than 1,200 kWh per each kW-AC installed (as estimated using PV Watts v2 NREL FlexViewer)\*\* will not be eligible for an incentive. The azimuth is the compass direction the System faces. Tilt angle is the tilt of the solar panel in relation to horizontal. The System should be free of any obstructions, including current and future tree shading. |
| Proposed Array Azimuth Angle (degrees)      | Proposed Tilt Angle Above Horizontal (degrees)      |
| kWh Annual Production (as calculated by PV Watts v2 NREL FlexViewer)       |

**\*\*Available at:** <http://pvwattsbeta.nrel.gov/>

**(“AC Energy & Cost Savings” and “Calculator for Overall DC to AC Derate Factor” required, with a Solmetric SunEye or Pathfinder software-generated shade analysis report.)**

* 1. I certify that I will participate in the Residential Service (Experimental) SunSense Solar Rebate Rider SSR for a period of not less than 5 years (“Term”) and during that Term I understand that all RECs shall be the sole possession of DEP. I also understand and herein request electric service be received under the Residential Service Time-of-Use Schedule R-TOUD and Net Metering for Renewable Energy Facilities Rider NM as a condition of receiving the monthly SSR Credit.
	2. Even though it is not necessary to formally apply to interconnect my renewable generation System, I agree to comply with the terms and conditions necessary to ensure safe operation of the System as required in the applicable state-jurisdictional interconnection standard as long as the System is installed and operating. A link to the current state interconnection standard is as follows:

North Carolina customers [click here](https://www.progress-energy.com/assets/www/docs/home/2012%20NC%20Interconnection%20Standards%20%286-16-09%29%20102012.pdf.pdf)

* 1. I certify that I am in substantial compliance with all federal and state laws, regulations, and rules for the protection of the environment and conservation of federal resources.
	2. I certify that I am a residential customer of DEP, that I own the System, and that I own and occupy the residence at the above address upon which the System is installed.
	3. **I certify that I have the authority to convey all RECs produced by the System to DEP and that the RECs 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 or any other state or country for a period of not less than 5 years.**
	4. **I certify that I have selected the System and the System installer, and I agree that DEP shall have no responsibility or liability for any loss, injury, claim, liability or damage of any kind resulting from, arising out of, or in any way related to operation or the quality, condition or delivery of the System at my residence or for any acts or omissions of the installer, and DEP shall have no responsibility or liability for any warranty, express or implied, including without limitation any implied warranty of merchantability or fitness for a particular purpose.**

**In accordance with the State of North Carolina Utilities Commission, approval document Docket No E-2, Sub 979, the SunSense Solar Rebate Rider is approved as a part of DEP’s renewable energy and energy efficiency portfolio standard compliance program. Participants in the SunSense Solar Rebate Rider agree that all non-energy attributes of the System, including environmental attributes and/or any renewable energy certificates (“RECs”) attributable to the amount of energy generated by the System, belong to DEP in support of this SunSense Solar Rebate Rider.**

**I certify that all information provided herein is true and accurate.**

|  |  |
| --- | --- |
| Applicant Signature | Applicant Signature (if home is co-owned) |
| Applicant Name (print) | Applicant Name (print) |
| Date | Date |

**Questions regarding this application should be directed to** DEPhomesolar@duke-energy.com. **Send completed Application with installer’s quote to one of the following:**

|  |  |
| --- | --- |
| **1) EMAIL (scanned with signature):**DEPhomesolar@duke-energy.com |  **2) MAIL – Duke Energy Progress** **Residential Solar PV Program** **PO Box 1551, NC14** **Raleigh, NC 27602** |

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