

North Carolina

Lumina (Solar Installer)

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North Carolina Market Guide

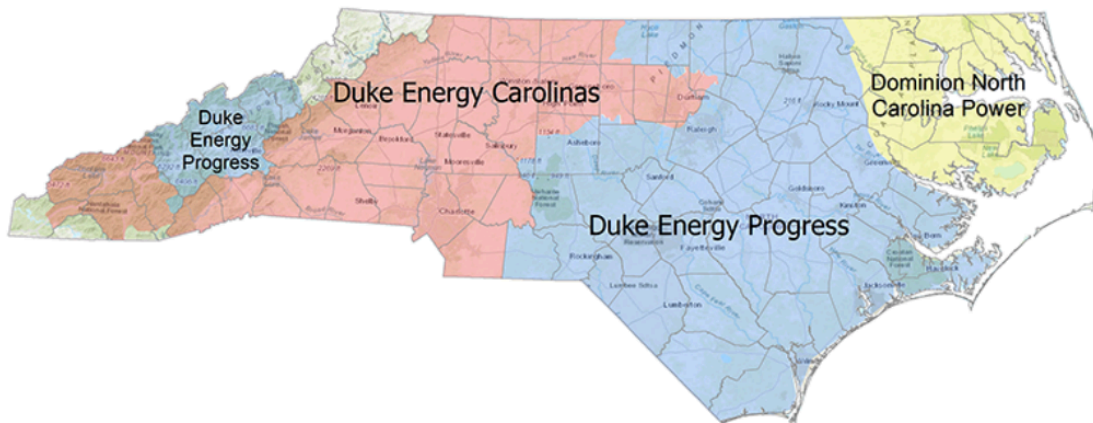
Overview of North Carolina Electricity Market

North Carolina is a regulated electricity market, which means that homeowners are not permitted to choose their electricity supplier.

The major Investor Owned Utilities (“IOUs”) in North Carolina are:

- Dominion Energy NC
- Duke Energy NC, broken down into two distribution territories:
 - ☒ Duke Energy Progress NC
 - ☒ Duke Energy Carolinas NC

North Carolina Investor Owned Utility Coverage Map



Source: North Carolina's Public Utility Infrastructure & Regulatory Climate Presented by North Carolina Utilities Commission (October 2017)

Incentives

- ☐ **Property Tax Abatement** - North Carolina offers a property tax exemption on 100% of customer-owned photovoltaic systems and 80% of leased photovoltaic systems.
- ☐ **Solar Right** - Cities and counties in North Carolina generally may not adopt ordinances prohibiting the installation of "a solar collector that gathers solar radiation as a substitute for traditional energy for water heating, active space heating and cooling, passive heating, or generating electricity for residential property." However, there are limits and conditions.
- ☐ **Net Metering**
 - ___ Annual retail net metering (i.e. one-for-one kWh credits) is required to be offered by the state's two IOUs, Duke Energy (both Progress and Carolinas) and Dominion Energy at this time
 - ___ HB 589, signed in July 2017, requires that each Investor Owned Utility file revised net metering rates with the North Carolina Utilities Commission (NCUC) at some point in the future. These new rates must "ensure that net metering customers pay their full fixed cost of service, which may include fixed monthly energy and demand charges"
 - ___ Until these new rates are approved by the NCUC, the current net metering policy will remain in place
 - ___ Customers who interconnect under the current net metering policy may remain on the existing tariffs until January 1, 2027. Once that date passes, customers will be required to move to the existing net metering tariffs in place at that time

Duke Energy Solar Rebate Program

- Both Duke Energy Progress and Carolinas offer rebates to customers who install PV systems
- Rebate amount is \$.60/W on the first 10kW (i.e. \$6,000 maximum incentive)
- Each utility offers 10MW of rebates per year; rebates are awarded on a first-come, first-served basis
- Rebates will not be guaranteed to customers. Freedom Forever will do everything possible to secure rebates for our customers, however those that sign with Freedom Forever are agreeing to install with or without the rebate
- Rebates will be awarded by Duke on two dates in 2021: Jan 6th and July 7th
- Approved rebates are paid to customers directly by Duke Energy
- All customers in Duke NC will be required to sign a rebate acknowledgement:

DUKE ENERGY CUSTOMER ACKNOWLEDGEMENT

Customer Name: _____
Installation Address: _____

Duke Energy offers customers in North Carolina who install residential solar systems a rebate in the amount of \$.60 per watt installed, up to a maximum of \$6,000. This one-time rebate is designed to help make going solar more affordable for homeowners. Rebate availability, however, is limited and awarded on a first-come first-served basis.

Freedom Forever will manage and submit all rebate applications to Duke Energy on behalf of our customers. Because the program is fully subscribed based on the applications received, there is no guarantee that any project will be accepted into the program and awarded a rebate. Due to the volume of interest in the solar rebate program, a waiting list is in place. Projects are approved or waitlisted in the order in which they are received by Duke, so the earlier an application is submitted, the higher on the list they will be. Rebates are awarded by Duke Energy twice per year: once on January 6th 2021 and once on July 7th 2021. Customers who are awarded a rebate will receive the rebate from Duke Energy directly.

While Freedom Forever makes every effort possible to secure rebates for our customers, there is no guarantee that a rebate will be awarded based on the limited availability.

By signing this acknowledgement and moving forward with Freedom Forever, you are acknowledging that you understand the above information, that you have not been promised a Duke Energy solar rebate and that your decision to install a solar system with Freedom Forever is not contingent upon receiving the solar rebate offered by Duke Energy.

CUSTOMER	CUSTOMER (IF APPLICABLE)
SIGNATURE: _____	SIGNATURE: _____
DATE: _____	DATE: _____
NAME: _____	NAME: _____

Utility Overview

	Dominion Energy	Duke Energy Progress NC	Duke Energy Carolinas NC
Number of residential customers (estimated)			
Average annual usage (kWh)			
Deregulated			
TPO Systems Allowed			
Net metering offered			
True-up frequency			
Max system to qualify NEM			

Net Excess Generation	Net excess generation during a billing period is carried forward to the following billing period at the utility's full retail rate, and then surrendered to the utility – with no compensation for the customer – at the beginning of each summer billing season.	
Monthly Customer Charge	\$10.67	\$14.00
Energy Charges per kWh	Summer (June-Sept) \$.108312 Winter (Oct-May) \$.093796	Summer (June-Sept) \$.108312 Winter (Oct-May) \$.093796
Required to Install	1. Interconnection Application* 2. Net Metering Interconnection Notification Form	1. Interconnection Application* 2. Rebate acknowledgement