

BEFORE THE NORTH CAROLINA UTILITIES COMMISSION

DOCKET NO. E-2, SUB 1167

DOCKET NO. E-7, SUB 1166

In the Matter of:)	
)	
Application of Duke Energy Progress, LLC)	DUKE ENERGY PROGRESS,
and Duke Energy Carolinas, LLC Requesting)	LLC'S AND DUKE ENERGY
Approval of Solar Rebate Program Pursuant to)	CAROLINAS, LLC'S JOINT
N.C. Gen. Stat. § 62-155(f))	BIANNUAL SOLAR
)	REBATE PROGRAM
)	REPORT
)	
)	

This biannual informational filing is provided to the North Carolina Utilities Commission ("Commission") in accordance with the March 23, 2021, Order Modifying Solar Rebate Program and Allowing Comments in the above-captioned dockets. Duke Energy Carolinas, LLC ("DEC") and Duke Energy Progress, LLC ("DEP", collectively "Duke Energy" or the "Companies") make their biannual informational filing for the January 2022 allocation period, in these proceedings.

Overview of the January 2022 Allocation Period

The goal of the Solar Rebate Program is to provide an economic incentive for residential, non-residential and non-profit customers in North Carolina to adopt solar power by reducing the upfront costs of installing solar equipment. During the January 2022 allocation period (January 5, 2022 through June 30, 2022), a total of 891 rebates were paid, so far, with an associated installed capacity of approximately 7,220 kilowatts ("kW").¹

¹ For the January 2022 application window: Residential customers must complete installation by June 15, 2022. Non-residential customer with system's 20 kW or below must complete installation by June 15, 2022. Nonprofit customers with projects 20 kW or below, must complete installation no later than 365 days from the date the rebate reservation was obtained. All other non-residential and non-profit customers must complete installation no later than 365 days from the date of an executed interconnection agreement by the Companies or the date of the rebate reservation, whichever is later.

Participation Rates

Appendix A provides detail regarding the breakout of rebates paid as well as rates of participation by customer class for the January 2022 allocation period, including reserved and approved installed capacity for each participant class and those for which a set-aside capacity is reserved, as of September 19, 2022.

Program Costs

The Solar Rebate Program rebate payments and costs are still ongoing for this year. Program costs for calendar year ending December 31, 2022, will be included in the April 1, 2023 biannual program filing.

Fraud

No potential instances of fraud were identified within the rebate application process.

Rejected Applications

In accordance with the program terms and conditions, applications may be rejected for several reasons if they do not meet all the criteria to be eligible for a rebate. The charts below provide detail regarding the number of applications rejected as of September 19, 2022, for the January 2022, allocation period, and reasons those applications were rejected.

	DEC	DEP	Total
Residential	145	123	276
Non-residential	25	10	35
Non-Profit	6	7	12
Non-Profit (NC Greenpower)	3	0	3
Total Number of Applications Rejected	179	140	326

Reason Application was Rejected	Number Rejected
DEC	
Duplicate Application	3
Interconnection request (project ID and customer name) cannot be found	2
Interconnection request has been Withdrawn	20
Interconnection request has been Cancelled/Terminated	3
Customer is not on a Net Metering rate schedule	0
Not a Duke Energy North Carolina customer	0
Project was completed more than 90 days prior to application submission	90
Residential customer applied as Nonprofit after the allocation was reserved	30
Interconnection Request was superseded	1
Project did not meet completion deadline	29
Customer is not eligible because it is not a new system (transfer of ownership)	1
DEP	
Duplicate Application	0
Interconnection request (project ID and customer name) cannot be found	0
Interconnection request has been Withdrawn	14
Interconnection request has been Cancelled/Terminated	7
Customer is not on a Net Metering rate schedule	0
Not a Duke Energy North Carolina customer	0
Project was completed more than 90 days prior to application submission	76
Project was not completed by the deadline	24
Residential customer applied as Nonprofit after the allocation was reserved	18
Customer is not eligible because it is not a new system (transfer of ownership)	1

Applications Cancelled at Completion Deadlines and Year-End

The following applications will be cancelled at the end of the calendar year: 1) January 2022 residential applications and non-residential applications with a system size of 20 kW AC or less that were pulled from the January 2022 waitlist that do not complete installation by December 15, 2022, 2) all other applications that communicated they were not going meet the 365-day timeframe, and 3) all July 2022 applications on the waitlist. As stated in DEP's Solar Rebate Rider SRR-3 and DEC's Solar Rebate Rider SRR (collectively, the "Solar Rebate Rider"), All waitlisted applications will be rejected and cancelled at the end of each application period. Applications may be submitted no earlier than the first day of the application period, and are applicable to both new installations and installations completed within 90 days of the application period. This Rider shall be available to new applicants until the later of December 31, 2022 or when the 10,000 kW annual capacity limit is achieved for all program years. Details regarding the number of applications cancelled at year-end will be included in the April 1, 2023 program filing. The chart below details the number of waitlisted applications cancelled June 30, 2022.

	DEC	DEP	Total
Residential	889	1,251	2,140
Non-residential	48	50	98
Non-Profit	0	0	0
Non-Profit (NC Greenpower)	0	0	0
Total Number of Applications Cancelled	937	1,301	2,238


Early Termination

Per the Solar Rebate Rider, the contract period for service under the rider is 10 years from the date of initial participation and early termination fees will be assessed to any customer that received a rebate check but fails to maintain participation in the Net Metering Rider NM for the 10 year Solar Rebate Rider contract period unless the termination is for good cause or a new customer takes over the site and assumes the previous customer's obligations under the Net Metering Rider via submitting a Transfer of Ownership form. Prior to payment of the rebate, customers must be participating in the Net Metering Rider NM. The Solar Rebate Program team will periodically review the Net Metering Rider NM status of all customers paid a rebate to ensure service has not been disconnected and are still participating in the Net Metering Rider NM. So far this year, a total of forty-six DEC customers & twenty-three DEP customers disconnected service, and the succeeding new customers did not submit Transfer of Ownership forms to take service under the Net Metering Rider NM. After the Companies attempted to contact the new customers over time periods exceeding six months, DEC & DEP invoked the fee clause under the Solar Rebate Rider. To date, none of these customers have paid the early termination fees invoiced by the Companies. Program management will continue to report on early termination fee activities.

Incentive Amounts

In the March 23, 2021 Order Modifying Solar Rebate Program and Allowing Comments, the rebate amounts were reduced for residential and commercial customers to reflect the reasonable cost of these solar installations for the enrollment window opening on July 7, 2021 and enrollment periods that follow. The Companies do not recommend any changes to the solar rebate incentive amounts or any changes to the program.

Respectfully submitted this 5th day of October 2022.

By: 

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ATTORNEYS FOR DUKE ENERGY PROGRESS, LLC
AND DUKE ENERGY CAROLINAS, LLC

CERTIFICATE OF SERVICE

The undersigned hereby that a copy of DUKE ENERGY PROGRESS, LLC'S AND DUKE ENERGY CAROLINAS, LLC'S JOINT BIENNIAL SOLAR REBATE PROGRAM REPORT has been served on all parties of record on the service list by either electronic mail or by deposit in the U.S. mail, postage prepaid.

This, the 5th day of October, 2022.



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Rebates Paid and Rates of Participation by Customer Class
(all values presented in kW-AC unless otherwise noted)

DEC							
Customer Type	2022 Guidelines	Capacity Rolled From 2021 program year	Capacity Installed for January 2022 Allocation (Applications Accepted- Connected)	January 2022 Reserved Capacity to Carry Forward to July 2022 (Applications Accepted - Not Connected)	Total January 2022 Capacity Assigned (Includes the 2019 Roll over Capacity)	Total Unreserved Capacity to Carry Forward to July 2022 (included 2018,2019 capacity for Nonprofit)	Number of Customers Paid Rebates for January 2022 Allocation Period
Residential	3,750		3,131	40	3,671	79	446
Non- Residential			333	167			12
Non- Profit	1,225	1,421	90	1458	1,548	4,596	10
Non- Profit (NC Green Power)	25	40	15	0	15	150	3

DEP							
Customer Type	2022 Guidelines	Capacity Rolled From 2021 program year	Capacity Installed for January 2021 Allocation (Applications Accepted-Connected)	January 2022 Reserved Capacity to Carry Forward to July 2022 (Applications Accepted - Not Connected)	Total January 2022 Capacity Assigned (Includes the 2019 Roll over Capacity)	Total Unreserved Capacity to Carry Forward to July 2022 (included 2018,2019 capacity for Nonprofit)	Number of Customers Paid Rebates for January 2022 Allocation Period
Residential	3,750		2943	31	3,722	28	398
Non- Residential			172	576			7
Non- Profit	1,225	1,411	545	3,351	3,896	4,421	16
Non- Profit (NC Green Power)	25	50	5	0	5	185	1

Notes:

1 Some large non-residential projects accepted into the Rebates program in 2021 have not completed yet. Those projects are allowed 365 to install from the interconnection agreement date, per rider SRR. Numbers shown above reflect payments through September 19, 2022