

BEFORE THE NORTH CAROLINA UTILITIES COMMISSION

DOCKET NO. E-2, SUB 1167
DOCKET NO. E-7, SUB 1166

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

This informational filing is provided to the North Carolina Utilities Commission (“Commission”) in accordance with the April 3, 2018, *Order Modifying and Approving Riders Implementing the Solar Rebate Program*, the November 6, 2020 *Order Modifying Fourth Year of Solar Rebate Program and Requesting Additional Comments*, and 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 annual informational filing for the 2023 calendar year in these proceedings.

Overview of the 2023 Program Year

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 2023 program year, a total of 545 rebates were paid, with an associated installed capacity of approximately 4,819 kilowatts (“kW”).

Participation Rates

Appendix A provides details regarding the breakout of rebates paid as well as rates of participation by customer class, including reserved and approved installed capacity for each participant class and those for which a set-aside capacity is reserved. Appendix B provides details regarding the average rebate awarded by kW and the average rebate reflecting payments for each customer type from 2023 as of March 6, 2024.

Program Costs

Program costs were \$ 7.5 million for calendar year ending December 31, 2023, as shown in the table below.

	DEC	DEP
Rebates Paid to Customers	\$3,117,043.5 0	\$4,013,251. 50
Program Administrative Labor Costs	\$57,165.29	\$90,320.30
Program Administrative Expenses (<i>including marketing</i>)	\$12,411.14	\$23,505.94
Total Program Costs	\$3,186,619.9 3	\$4,127,077. 74

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 details regarding the number of applications rejected during the 2023 program year, and reasons those applications were rejected.

	DEC	DEP	Total
Residential	108	182	290
Non-residential	17	3	20
Non-Profit	1	2	3
Non-Profit (NC Greenpower)	0	0	0
Total Number of Applications Rejected	126	187	313

Reason Application was Rejected	Number Rejected
DEC	
Duplicate Application	3
Interconnection request (project ID) draft never submitted	13
Interconnection request has been Withdrawn	5
Interconnection request has been Cancelled/Terminated	16
Customer did not acknowledge	6
Interconnection Request has been superseded	8
Project was completed more than 90 days prior to application submission	73
Project was not completed by the deadline	1
Customer is not eligible because it is not a new system (transfer of ownership)	1
DEP	
Duplicate Application	9
Interconnection request (project ID and customer name) cannot be found	1
Interconnection request (project ID) draft never submitted	5
Interconnection request has been Withdrawn	8
Interconnection request has been Cancelled/Terminated	21
Customer did not increase AC size	1
Project was completed more than 90 days prior to application submission	111
Project was not completed by the deadline	6
Customer did not acknowledge	9

Interconnection Request was never submitted	7
Customer is not eligible because it is not a new system (transfer of ownership)	2
Customer's additional install is not eligible because already received max rebate	3
Interconnection Request has been superseded	4

Applications Cancelled at Year-End

January 2023 residential applications that did not complete installation by June 15, 2023, were cancelled. Residential applications that were pulled from the waitlist prior to August 2023 and did not complete installation by December 15, 2023, were cancelled pursuant to the Commission's July 8, 2021 *Order Modifying Reservation Install Period*. Non-residential applications that communicated they were not going to meet the 365-day time-frame were also cancelled. All applications on the waitlist from January 2023 will remain until all rebate reservations have been paid out.

Early Termination

Per the Solar Rebate Rider, the contract period for service under the rider is 10 years from the date of initial participation. An early termination fee applies unless the termination is for good cause or a new customer takes over the site and assumes the previous customer's obligations under the rider. Prior to payment of the rebate, customers must be participating in the Net Metering Rider NM. On a quarterly basis, the Solar Rebate Program team performs a review to ensure all customers paid a rebate have not disconnected their service and are still participating in the Net Metering Rider NM. In 2023 one early termination fee was assessed for a DEC customer who disconnected service, and the succeeding new customer did not take service under the Net Metering Rider NM after approximately 90 days. Attempts to reach the new customer were unsuccessful; therefore, DEC invoked the

fee clause under the rider. To date, none of these customers have paid the early termination fee. Program management will continue its due diligence in billing the early termination fees when it confirms the new account holder refuses to participate the Net Metering rider, or determines termination was not for good cause. Program management will continue to watch for instances like this.

Future Reports

In its biannual report, filed on October 2, 2023, the Companies requested to provide annual reports on April 1 of each calendar year going forward. In accordance with the March 23, 2021, *Order Modifying Solar Rebate Program and Allow Comments*, the Companies began filing biannual Solar Rebate Reports when the Solar Rebate Program began offering biannual application periods. The Companies no longer have application periods because under N.C. Gen. Stat. § 62-155(f) there is no more rebate capacity except for the capacity that was reserved in the final January 2023 rollover application period. As such, the Companies respectfully renew their requests to provide annual reports on April 1 of each calendar year going forward until the final rebate has been paid and the waitlist is cancelled.

WHEREFORE, the Companies respectfully request that the Commission accept this joint annual report on the Solar Rebate Program for 2024 and allow the Companies to file annual reports on April 1 of each calendar year going forward until the final rebate has been paid and the waitlist is cancelled.

Respectfully submitted this 1st day of April, 2024.

By:  _____

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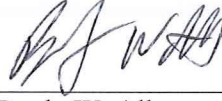
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ATTORNEYS FOR DUKE ENERGY PROGRESS,LLC.
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CERTIFICATE OF SERVICE

The undersigned hereby certifies that a copy of Duke Energy Progress, LLC and Duke Energy Carolinas, LLC's **JOINT ANNUAL SOLAR REBATE PROGRAM REPORT** have been served by electronic mail (e-mail) to parties of record.

This, the 1st day of April, 2024.



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Appendix A

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

Note: Capacity already installed represents the operational projects at the time the rebate reservations were awarded. Capacity Reserved represents the projects that were not operational at the time the rebate reservations were awarded,

1/31/2023 DEC Status as of 3/5/2024						
Customer Type	Capacity Carryforward Made Available in Jan 2023	Capacity already installed for Jan 2023 application period (<i>applications accepted-connected</i>)	Capacity Reserved for Jan 2023 application period (<i>applications accepted-not connected</i>)	Total January Capacity assigned	Number of Customers Paid Rebates for 2023 Carryforward	All Reserved Capacity from 2022 allocation and 2023 carryforward (<i>Application Accepted-Not Connected</i>)
Residential	1,188	449.52	226.57	676.09	84	28.75
Nonresidential		0	441.4	441.4	3	451.98
Nonprofit		0	0	0	0	1,828.40
Nonprofit (NC GreenPower)		0	0	0	0	0

1/31/2023 DEP Status as of 3/5/2024						
Customer Type	Capacity Carryforward Made Available in Jan 2023	Capacity already installed for Jan 2023 application period (<i>application accepted-connected</i>)	Capacity Reserved for Jan 2023 application period (application accepted-not connected)	Total January Capacity assigned	Number of Customers Paid Rebates for 2023 Carryforward	All Reserved Capacity from 2022 allocation and 2023 carryforward (<i>Application Accepted-Not Connected</i>)
Residential	2,132	1261.39	709.58	1970.97	199	81.38
Nonresidential		0	160	160	1	0
Nonprofit		0	0	0	0	1,579.80
Nonprofit (NC GreenPower)		0	0	0	0	0

Appendix B

JAN 2023 DEC Approved Capacity as of 3.06.2024			
Customer Type	Rebate Qty Awards	Rebate kW-AC	Rebate Avg Payment
Residential	103	6.51	\$2,604.00
Nonresidential	6	51.6	\$15,480.00
Nonprofit	0	0	N/A
Nonprofit (NC GreenPower)	0	0	N/A

JAN 2023 DEP Approved Capacity as of 3.06.2024			
Customer Type	Rebate Qty Awards	Rebate kW-AC	Rebate Avg Payment
Residential	243	7.33	\$2,932.00
Nonresidential	4	55	\$16,500.00
Nonprofit	0	0	N/A
Nonprofit (NC GreenPower)	0	0	N/A