



Kathleen H. Richard
Senior Counsel

NCRH 20 / P.O. Box 1551
Raleigh, NC 27602

o: 919.546.6776

Kathleen.Richard@duke-energy.com

August 11, 2023

VIA ELECTRONIC FILING

Ms. A. Shonta Dunston
Chief Clerk
North Carolina Utilities Commission
4325 Mail Service Center
Raleigh, North Carolina 27699-4300

**RE: Duke Energy Carolinas, LLC's Final Semiannual Vegetation
Management Performance Report
Docket No. E-7, Sub 1146 and E-7, Sub 1182**

Dear Ms. Dunston:

Pursuant to the Commission's Orders issued November 4, 2019 and December 3, 2019 in Docket No. E-7, Sub 1146, please find enclosed for filing Duke Energy Carolinas, LLC's Final Semiannual Report on its Vegetation Management Program Performance in the above-referenced dockets.

Please do not hesitate to contact me if you have any questions or need additional information.

Sincerely,

Kathleen H. Richard

Enclosure

cc: Parties of Record

OFFICIAL COPY

Aug 11 2023

STATE OF NORTH CAROLINA
UTILITIES COMMISSION
RALEIGH

DOCKET NO. E-7, SUB 1146

DOCKET NO. E-7, SUB 1182

BEFORE THE NORTH CAROLINA UTILITIES COMMISSION

DOCKET NO. E-7, SUB 1146)

In the Matter of:)

Application by Duke Energy Carolinas, LLC,)

for Adjustment of Rates and Charges)

Applicable to Electric Utility Service in North)

Carolina)

**DUKE ENERGY CAROLINAS, LLC’S
FINAL SEMIANNUAL
VEGETATION MANAGEMENT
PERFORMANCE REPORT**

DOCKET NO. E-7, SUB 1182)

In the Matter of:)

Duke Energy Carolinas, LLC, Petition for)

Clarification or Limited Waiver of)

Regulatory Condition No. 3.3)

Pursuant to the Commission’s *Order Declining to Accept Annual Vegetation Management Report and Requiring Compliance Filing*, issued on June 18, 2019 in Docket No. E-7, Sub 1146 (the “June 18 Order”), and its *Order Accepting Revised Vegetation Management Plan*¹ issued November 4, 2019 in Docket No. E-7, Sub 1146, Duke Energy Carolinas, LLC (“DEC” or the “Company”) submits its Semiannual Vegetation Management Plan (the “Plan”) detailing actual and projected tree-trimming activities and spending from 2018 through 2023. The Plan reflects the Company’s continued progress to eliminate the 13,467 miles of existing tree-trimming backlog (“Existing Backlog” or “Off-Cycle Miles”) within five years after rates approved in this

¹ On December 3, 2019, the Commission issued its *Order Revising Vegetation Management Reporting Schedule*, which changed the due dates to February 15 and August 15, with DEC’s first report being due on February 17, 2020.

proceeding on June 22, 2018 went into effect, while still ensuring that all miles previously trimmed within their 5, 7, or 9-year timeframe based on the identified circuit category (“On-Cycle Miles”) are trimmed on schedule per the Company’s 5/7/9 Plan. The attached appendices provide the Plan’s details in the format required by the Commission’s June 18 Order. Appendix A reflects the number of overhead distribution line miles trimmed thru July 29, 2023. Appendix A also indicates that all Existing Backlog miles have been trimmed within the five year period and that the requirements of the rate case Stipulation referenced in the June 18 Order have been met. Accordingly, this is the Company’s final semiannual vegetation management performance report to be filed under the Stipulation in these dockets.

Respectfully submitted, this 11th day of August, 2023.



Kathleen H. Richard
Senior Counsel
Duke Energy Corporation
P.O. Box 1551/NCRH 20
Raleigh, North Carolina 27602
(919) 546-6776

Duke Energy Carolinas Semi-Annual Backlog Mileage Report
Docket Nos. E-7 Sub 1146 and E-7 Sub 1182

Appendix A

Trimming in miles

	2018 (Actuals)	2019 (Actuals)	2020 (Actuals)	2021 (Actuals)	2022 (Actuals)	2023 Revised Annual Plan Target	2023 YTD Actual as of 7/29/23	2023 Remaining Miles as of 7/29/23	Total
Old Urban (5 year)									
On-Cycle	95	231	320	395	115	296	202	94	1,452
Off-Cycle	86	228	137	57	316	132	132	0	956
Total Old Urban	181	459	458	452	431	428	334	94	2,408
Mountain (7 year)									
On-Cycle	344	164	670	770	895	612	361	251	3,455
Off-Cycle	400	1,003	711	600	201	221	221	0	3,135
Total Mountain	744	1,167	1,381	1,370	1,095	833	582	251	6,590
Other (9 year)									
On-Cycle	1,052	2,130	2,624	3,053	4,303	4,679	2,909	1,770	17,841
Off-Cycle	3,582	3,201	2,271	1,765	278	144	144	0	11,241
Total Other	4,634	5,331	4,895	4,818	4,581	4,823	3,053	1,770	29,082
Trim Year									
Total On-Cycle Miles	1,491	2,525	3,614	4,218	5,313	5,587	3,471	2,115	22,747
Total Off-Cycle Miles	4,068	4,432	3,120	2,421	794	497	497	0	15,332
Total Annual Workplan	5,559	6,957	6,734	6,639	6,107	6,084	3,969	2,115	38,079
Cumulative Backlog Remaining	11,121	6,689	3,569	1,148	497	0			

Appendix B

Spending in millions

	2018 (Actuals)	2019 (Actuals)	2020 (Actuals)	2021 (Actuals)	2022 (Actuals)	2023 (Target)	2023 YTD Actual Spend as of 7/29/23	2023 Remaining Target as of 7/29/23	Total
Old Urban (5 year)									
On-Cycle	\$ 1.31	\$ 2.80	\$ 5.32	\$ 6.08	\$ 1.65	\$ 3.44	\$ 3.68	\$ (0.24)	\$ 20.61
Off-Cycle	\$ 1.19	\$ 2.77	\$ 2.28	\$ 0.88	\$ 4.55	\$ 1.53	\$ 2.40	\$ (0.87)	\$ 13.19
Total Old Urban	\$ 2.50	\$ 5.57	\$ 7.60	\$ 6.96	\$ 6.20	\$ 4.97	\$ 6.08	\$ (1.11)	\$ 33.80
Mountain (7 year)									
On-Cycle	\$ 3.94	\$ 2.31	\$ 8.84	\$ 9.08	\$ 15.04	\$ 7.11	\$ 5.76	\$ 1.35	\$ 46.31
Off-Cycle	\$ 4.58	\$ 14.10	\$ 9.38	\$ 7.07	\$ 3.37	\$ 2.56	\$ 3.55	\$ (0.98)	\$ 41.07
Total Mountain	\$ 8.52	\$ 16.41	\$ 18.21	\$ 16.15	\$ 18.41	\$ 9.68	\$ 9.31	\$ 0.37	\$ 87.38
Other (9 year)									
On-Cycle	\$ 8.81	\$ 17.49	\$ 23.40	\$ 26.94	\$ 41.35	\$ 54.40	\$ 28.46	\$ 25.94	\$ 172.39
Off-Cycle	\$ 29.99	\$ 26.28	\$ 20.26	\$ 15.58	\$ 2.67	\$ 1.68	\$ 1.41	\$ 0.27	\$ 96.45
Total Other	\$ 38.80	\$ 43.76	\$ 43.67	\$ 42.52	\$ 44.02	\$ 56.08	\$ 29.87	\$ 26.20	\$ 268.84
Trim Year									
Total On-Cycle Miles	\$ 14.06	\$ 22.59	\$ 37.56	\$ 42.10	\$ 58.04	\$ 64.95	\$ 37.90	\$ 27.05	\$ 239.31
Total Off-Cycle Miles	\$ 35.76	\$ 43.15	\$ 31.92	\$ 23.52	\$ 10.59	\$ 5.78	\$ 7.36	\$ (1.59)	\$ 150.71
Total Annual Work Plan	\$ 49.82	\$ 65.74	\$ 69.48	\$ 65.62	\$ 68.62	\$ 70.73	\$ 45.27	\$ 25.46	\$ 390.02

Maintenance & Removal \$\$\$ are included Appendix B
Negative Variance indicates Actuals above Target in Appendix B

CERTIFICATE OF SERVICE

I certify that a copy of Duke Energy Carolinas, LLC's Final Semiannual Vegetation Management Performance Report, in Docket Nos. E-7, Sub 1146 and E-7, Sub 1182, has been served by electronic mail, hand delivery, or by depositing a copy in the United States Mail, 1st Class Postage Prepaid, properly addressed to parties of record.

This the 11th day of August, 2023.



Kathleen H. Richard
Senior Counsel
Duke Energy Corporation
P.O. Box 1551 / NCRH 20
Raleigh, NC 27602
Tel 919.546.6776
Kathleen.Richard@duke-energy.com