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August 15, 2022

**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 Semiannual Vegetation Management  
Performance Report  
Docket Nos. 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 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 15 2022

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	)	<b>DUKE ENERGY CAROLINAS,</b>
Carolina	)	<b>LLC’S SEMIANNUAL</b>
	)	<b>VEGETATION MANAGEMENT</b>
DOCKET NO. E-7, SUB 1182	)	<b>PERFORMANCE REPORT</b>
	)	
In the Matter of:	)	
Duke Energy Carolinas, LLC, Petition for	)	
Clarification or Limited Waiver of	)	
Regulatory Condition No. 3.3	)	
	)	

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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*<sup>1</sup> 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-

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<sup>1</sup> 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.

Cycle Miles”) within five years after rates approved in this 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 June 30, 2022. In addition, the Company has adjusted the Appendix A schedule to reflect recent guidance the Company has received from the U.S. Fish & Wildlife Service that has impacted the trim plan in the Nantahala area. The Company has reviewed these changes with the NC Public Staff. It includes a 177-mile reduction in the 2022 Nantahala trim plan and the adjustment of the Nantahala circuits to a 9-year trim cycle.

Respectfully submitted, this 15<sup>th</sup> day of August, 2022.



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Duke Energy Carolinas Semiannual 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 Original	2022 Annual Target	2022 YTD Actual	2022 Remaining Miles as of 7/2/22	2023 Target	Total <sup>1</sup>
<b>Old Urban (5 year)</b>										
On-Cycle	95	231	320	395	131	131	56	74	306	1,478
Off-Cycle	86	228	137	57	305	306	211	95	130	944
<b>Total Old Urban</b>	<b>181</b>	<b>459</b>	<b>458</b>	<b>452</b>	<b>436</b>	<b>437</b>	<b>268</b>	<b>169</b>	<b>436</b>	<b>2,422</b>
<b>Mountain (7 year)</b>										
On-Cycle	344	164	670	770	1,164	976	505	472	760	3,685
Off-Cycle	400	1,003	711	600	199	206	138	68	197	3,117
<b>Total Mountain</b>	<b>744</b>	<b>1,167</b>	<b>1,381</b>	<b>1,370</b>	<b>1,363</b>	<b>1,182</b>	<b>643</b>	<b>540</b>	<b>957</b>	<b>6,801</b>
<b>Other (9 year)</b>										
On-Cycle	1,052	2,130	2,624	3,053	4,541	4,545	2,364	2,181	5,045	18,448
Off-Cycle	3,582	3,201	2,271	1,765	264	279	186	93	-	11,098
<b>Total Other</b>	<b>4,634</b>	<b>5,331</b>	<b>4,895</b>	<b>4,818</b>	<b>4,805</b>	<b>4,823</b>	<b>2,550</b>	<b>2,273</b>	<b>5,045</b>	<b>29,546</b>
<b>Trim Year</b>										
Total On-Cycle Miles	1,491	2,525	3,614	4,218	5,835	5,652	2,925	2,727	6,111	23,611
Total Off-Cycle Miles	4,068	4,432	3,120	2,421	768	791	535	255	327	15,159
<b>Total Annual Workplan</b>	<b>5,559</b>	<b>6,957</b>	<b>6,734</b>	<b>6,639</b>	<b>6,603</b>	<b>6,442</b>	<b>3,460</b>	<b>2,982</b>	<b>6,438</b>	<b>38,769</b>
<b>Cumulative Backlog Remaining</b>										
	<b>11,121</b>	<b>6,689</b>	<b>3,569</b>	<b>1,148</b>	<b>380</b>	<b>327</b>			<b>0</b>	

<sup>1</sup>Total includes 2022 Annual Target in lieu of 2022 Original

Appendix B

Spending in millions																				
	2018 (Budget)	2018 (Actuals)	2019 (Actuals)	2020 (Actuals)	2021 (Actuals)	2022 Annual Projection	2022 YTD Spend as of 7/2/22	2022 Remaining Target as of 7/2/22	2023 Target	Total										
<b>Old Urban (5 year)</b>																				
On-Cycle	\$	1.31	\$	2.80	\$	5.32	\$	6.08	\$	1.46	\$	0.57	\$	0.89	\$	3.25	\$	20.23		
Off-Cycle	\$	1.19	\$	2.77	\$	2.28	\$	0.88	\$	3.41	\$	2.15	\$	1.27	\$	1.38	\$	11.91		
<b>Total Old Urban</b>	<b>\$</b>	<b>4.33</b>	<b>\$</b>	<b>2.50</b>	<b>\$</b>	<b>5.57</b>	<b>\$</b>	<b>7.60</b>	<b>\$</b>	<b>6.96</b>	<b>\$</b>	<b>4.88</b>	<b>\$</b>	<b>2.72</b>	<b>\$</b>	<b>2.15</b>	<b>\$</b>	<b>4.63</b>	<b>\$</b>	<b>32.14</b>
<b>Mountain (7 year)</b>																				
On-Cycle	\$	3.94	\$	2.31	\$	8.84	\$	9.08	\$	10.90	\$	5.13	\$	5.77	\$	8.08	\$	43.14		
Off-Cycle	\$	4.58	\$	14.10	\$	9.38	\$	7.07	\$	2.30	\$	1.41	\$	0.90	\$	2.09	\$	39.52		
<b>Total Mountain</b>	<b>\$</b>	<b>10.16</b>	<b>\$</b>	<b>8.52</b>	<b>\$</b>	<b>16.41</b>	<b>\$</b>	<b>18.21</b>	<b>\$</b>	<b>16.15</b>	<b>\$</b>	<b>13.20</b>	<b>\$</b>	<b>6.54</b>	<b>\$</b>	<b>6.66</b>	<b>\$</b>	<b>10.17</b>	<b>\$</b>	<b>82.66</b>
<b>Other (9 year)</b>																				
On-Cycle	\$	8.81	\$	17.49	\$	23.40	\$	26.94	\$	50.75	\$	24.04	\$	26.70	\$	53.61	\$	181.00		
Off-Cycle	\$	29.99	\$	26.28	\$	20.26	\$	15.58	\$	3.11	\$	1.89	\$	1.22	\$	-	\$	95.22		
<b>Total Other</b>	<b>\$</b>	<b>34.92</b>	<b>\$</b>	<b>38.80</b>	<b>\$</b>	<b>43.76</b>	<b>\$</b>	<b>43.67</b>	<b>\$</b>	<b>42.52</b>	<b>\$</b>	<b>53.86</b>	<b>\$</b>	<b>25.94</b>	<b>\$</b>	<b>27.92</b>	<b>\$</b>	<b>53.61</b>	<b>\$</b>	<b>276.22</b>
<b>Trim Year</b>																				
Total On-Cycle Miles	\$	-	\$	14.06	\$	22.59	\$	37.56	\$	42.10	\$	63.11	\$	29.75	\$	33.36	\$	64.94	\$	244.36
Total Off-Cycle Miles	\$	-	\$	35.76	\$	43.15	\$	31.92	\$	23.52	\$	8.83	\$	5.45	\$	3.38	\$	3.47	\$	146.65
<b>Total Annual Workplan</b>	<b>\$</b>	<b>49.41</b>	<b>\$</b>	<b>49.82</b>	<b>\$</b>	<b>65.74</b>	<b>\$</b>	<b>69.48</b>	<b>\$</b>	<b>65.62</b>	<b>\$</b>	<b>71.94</b>	<b>\$</b>	<b>35.20</b>	<b>\$</b>	<b>36.74</b>	<b>\$</b>	<b>68.41</b>	<b>\$</b>	<b>391.01</b>

Maintenance & Removal \$\$\$ in Appendix B

CERTIFICATE OF SERVICE

I certify that a copy of Duke Energy Carolinas, LLC's 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, 1<sup>st</sup> Class Postage Prepaid, properly addressed to parties of record.

This the 15<sup>th</sup> day of August, 2022.



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