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March 31, 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 Lighting Conversion Progress
Report (April 2022)
Docket No. E-7, Sub 1146**

Dear Ms. Dunston:

Pursuant to the March 2, 2018 Amended Partial Settlement Agreement with the North Carolina League of Municipalities, City of Concord, City of Kings Mountain and City of Durham, which was approved in the Commission's June 22, 2018 *Order Accepting Stipulation, Deciding Contested Issues and Requiring Revenue Reduction*, I enclose Duke Energy Carolinas, LLC's ("DEC") Semiannual Lighting Conversion Report (the "Report") for filing in connection with the referenced matter. The Report documents the actual progress of DEC's mercury vapor ("MV") lighting fixture replacement program through December 31, 2021, as well as a projection through December 31, 2022. It includes the geographic areas targeted, the number of MV fixtures to be replaced, the number and type of fixtures that replaced existing MV fixtures and an estimate of the revenue impact associated with those fixtures on an annual basis. This data is provided by the DEC operation center, which supports municipalities within its respective region. Please note that these projections only reflect actual and planned proactive replacements, and exclude any customer-requested replacements.

If you have any questions, please do not hesitate to contact me. Thank you for your attention to this matter.

Sincerely,

Jack E. Jirak

Enclosures

cc: Parties of Record

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Mar 31 2022

Duke Energy Carolinas, LLC
 Outdoor Lighting Schedule PL
 Mercury Vapor Conversion Project Semiannual Report
 2020 - 2022 Schedule By Duke Energy Operations Center
 April 2022

ZONE	OP CENTER	MV_PRICE_SCHED_NAME	Actual YE 2020			Actual YE 2021				
			Quantity	Mo. Price Diff.	Annual Price Diff.	Quantity	Mo. Price Diff.	Annual Price Diff.		
CENTRAL METRO	LITTLE ROCK	PL-MV152-URB-IN-NC	329	\$98.76	\$1,185.07	474	\$142.09	\$1,705.08		
		PL-MV152-URB-OUT-NC	2	-\$0.11	-\$1.29	3	-\$0.15	-\$1.85		
		PL-MV393-URB-IN-NC	7	-\$55.42	-\$665.00	10	-\$79.73	-\$956.81		
		PL-MV41-SUB-IN-NC	13	\$36.15	\$433.86	19	\$52.02	\$624.23		
		PL-MV75-SUB-IN-NC	2,163	\$2,617.80	\$31,413.66	3,113	\$3,766.49	\$45,197.94		
		PL-MV75-SUB-OUT-NC	6	\$4.87	\$58.49	8	\$7.01	\$84.16		
		PL-MV75-URB-IN-NC	76	\$27.48	\$329.73	110	\$39.53	\$474.42		
		PL-MV75-URB-OUT-NC	1	\$0.00	\$0.00	2	\$0.00	\$0.00		
		LITTLE ROCK TOTAL			2,598	\$2,729.54	\$32,754.51	3,738	\$3,927.26	\$47,127.16
		NEWELL/KANNAPOLIS	NEWELL/KANNAPOLIS	PL-MV75-SUB-OUT-NC				9	\$7.50	\$89.96
PL-MV75-SUB-IN-NC						1,134	\$1,372.44	\$16,469.22		
PL-MV41-SUB-IN-NC						5	\$13.14	\$157.72		
PL-MV152-URB-IN-NC						49	\$14.60	\$175.25		
PL-MV75-URB-IN-NC						20	\$7.30	\$87.62		
NEWELL/KANNAPOLIS TOTAL							1,217	\$1,414.98	\$16,979.78	
CENTRAL WEST	GASTONIA	PL-MV152-URB-IN-NC	40	\$11.97	\$143.68	31	\$9.21	\$110.49		
		PL-MV152-URB-OUT-NC	0	-\$0.03	-\$0.33	0	-\$0.02	-\$0.26		
		PL-MV41-SUB-IN-NC	132	\$357.11	\$4,285.29	102	\$274.63	\$3,295.55		
		PL-MV75-SUB-IN-NC	999	\$1,208.98	\$14,507.79	768	\$929.75	\$11,157.04		
		PL-MV75-SUB-OUT-NC	8	\$7.02	\$84.20	6	\$5.40	\$64.75		
		PL-MV75-URB-IN-NC	15	\$5.35	\$64.15	11	\$4.11	\$49.34		
		GASTONIA TOTAL			1,195	\$1,590.40	\$19,084.79	919	\$1,223.08	\$14,676.92
SHELBY	SHELBY	PL-MV75-SUB-IN-NC				428	\$517.29	\$6,207.48		
		PL-MV41-SUB-IN-NC				246	\$664.24	\$7,970.91		
		PL-MV75-SUB-OUT-NC				14	\$12.16	\$145.87		
SHELBY TOTAL						688	\$1,193.69	\$14,324.27		
MOUNTAINS EAST	BREVARD	PL-MV152-URB-IN-NC								
		PL-MV75-SUB-IN-NC								
		PL-MV75-URB-IN-NC								
	BREVARD TOTAL									
	HENDERSONVILLE	HENDERSONVILLE	PL-MV152-URB-IN-NC	120	\$35.91	\$430.91				
			PL-MV152-URB-OUT-NC	7	-\$0.44	-\$5.26				
			PL-MV41-SUB-IN-NC	32	\$85.11	\$1,021.36				
			PL-MV75-SUB-IN-NC	367	\$444.45	\$5,333.43				
			PL-MV75-SUB-OUT-NC	18	\$14.97	\$179.60				
			PL-MV75-URB-IN-NC	11	\$3.78	\$45.39				
	HENDERSONVILLE TOTAL			556	\$583.79	\$7,005.44				
	SPINDALE	SPINDALE	PL-MV152-URB-IN-NC				29	\$8.59	\$103.02	
			PL-MV152-URB-OUT-NC				17	-\$0.99	-\$11.90	
			PL-MV393-URB-IN-NC				1	-\$5.09	-\$61.13	
			PL-MV41-SUB-IN-NC				438	\$1,183.02	\$14,196.28	
PL-MV75-SUB-IN-NC						151	\$182.37	\$2,188.39		
PL-MV75-SUB-OUT-NC						25	\$21.37	\$256.41		
PL-MV75-URB-IN-NC						7	\$3.52	\$30.22		
PL-MV75-URB-OUT-NC						2	\$0.00	\$0.00		
SPINDALE TOTAL						669	\$1,391.77	\$16,701.29		
MARION	MARION	PL-MV75-SUB-OUT-NC				-	\$0.00	\$0.00		
		PL-MV75-SUB-IN-NC				-	\$0.00	\$0.00		
		PL-MV41-SUB-IN-NC				-	\$0.00	\$0.00		
		PL-MV152-URB-IN-NC				-	\$0.00	\$0.00		
		PL-MV75-URB-IN-NC				-	\$0.00	\$0.00		
		PL-MV75-URB-OUT-NC				-	\$0.00	\$0.00		
		MARION TOTAL								
CHEROKEE/FRANKLIN/ROBBI	CHEROKEE/FRANKLIN/ROBBI	PL-MV75-SUB-IN-NC				415	\$502.15	\$6,025.80		
		CHEROKEE/FRANKLIN/ROBBI TOTAL						415	\$502.15	\$6,025.80
HICKORY	HICKORY	PL-MV75-SUB-OUT-NC				15	\$12.70	\$152.40		
		PL-MV75-SUB-IN-NC				1,128	\$1,365.19	\$16,382.27		
		PL-MV41-SUB-IN-NC				424	\$1,146.06	\$13,752.70		
		PL-MV152-URB-IN-NC				125	\$37.65	\$451.76		
		PL-MV75-URB-IN-NC				181	\$65.04	\$780.50		
HICKORY TOTAL						1,874	\$2,626.64	\$31,519.62		
TRIAD NORTH	FAIRFAX	PL-MV152-URB-IN-NC	182	\$54.53	\$654.39	204	\$61.21	\$734.53		
		PL-MV152-URB-OUT-NC	3	\$0.00	\$(2.42)	4	-\$0.23	-\$2.71		
		PL-MV41-SUB-IN-NC	1,638	\$424.50	\$3,087.30	1,839	\$4,965.73	\$59,588.72		
		PL-MV75-SUB-IN-NC	470	\$68.00	\$3,201.60	527	\$638.02	\$7,656.27		
		PL-MV75-SUB-OUT-NC	4	\$3.00	\$12.00	4	\$3.56	\$42.75		
		PL-MV75-URB-IN-NC	18	\$6.00	\$108.00	20	\$7.12	\$85.50		
		PL-MV75-URB-OUT-NC	4	\$0.00	\$0.00	5	\$0.00	\$0.00		
		FAIRFAX TOTAL			2,319	\$5,056.21	\$60,674.46	2,603	\$5,675.42	\$68,106.05
BURLINGTON	BURLINGTON	PL-MV75-SUB-OUT-NC				12	\$10.16	\$121.92		
		PL-MV75-SUB-IN-NC				583	\$705.42	\$8,465.06		
		PL-MV41-SUB-IN-NC				614	\$1,656.81	\$19,881.76		
		PL-MV152-URB-IN-NC				81	\$24.43	\$299.19		
		PL-MV75-URB-IN-NC				30	\$10.74	\$128.89		
		BURLINGTON TOTAL						1,320	\$2,407.57	\$28,890.82
HIGH POINT	HIGH POINT	PL-MV75-SUB-OUT-NC				2	\$1.87	\$22.42		
		PL-MV75-SUB-IN-NC				23	\$27.45	\$329.45		
		PL-MV41-SUB-IN-NC				34	\$92.09	\$1,105.11		
		PL-MV152-URB-IN-NC				11	\$3.43	\$41.11		
		PL-MV75-URB-IN-NC				4	\$1.28	\$15.38		
HIGH POINT TOTAL						74	\$126.12	\$1,513.46		
KERNERSVILLE	KERNERSVILLE	PL-MV152-URB-IN-NC								
		PL-MV152-URB-OUT-NC								
		PL-MV41-SUB-IN-NC								
		PL-MV75-SUB-IN-NC								
		PL-MV75-SUB-OUT-NC								
		PL-MV75-URB-IN-NC								
		PL-MV75-URB-OUT-NC								
KERNERSVILLE TOTAL										
NWILKES/MT. AIRY	NWILKES/MT. AIRY	PL-MV152-URB-IN-NC								
		PL-MV152-URB-OUT-NC								
		PL-MV41-SUB-IN-NC								
		PL-MV75-SUB-IN-NC								
		PL-MV75-URB-IN-NC								
NWILKES/MT. AIRY TOTAL										
ELKIN	ELKIN	PL-MV152-URB-IN-NC								
		PL-MV152-URB-OUT-NC								
		PL-MV41-SUB-IN-NC								

Duke Energy Carolinas, LLC
 Outdoor Lighting Schedule PL
 Mercury Vapor Conversion Project Semiannual Report
 2020 - 2022 Schedule By Duke Energy Operations Center
 April 2022

ZONE	OP CENTER	MV_PRICE_SCHED_NAME	Actual YE 2020			Actual YE 2021		
			Quantity	Mo. Price Diff.	Annual Price Diff.	Quantity	Mo. Price Diff.	Annual Price Diff.
CENTRAL EAST	ELKIN TOTAL	PL-MV75-SUB-IN-NC						
		PL-MV75-SUB-OUT-NC						
		PL-MV75-URB-IN-NC						
		PL-MV75-URB-OUT-NC						
	MARSHVILLE/MATTHEWS	PL-MV152-URB-IN-NC						
		PL-MV41-SUB-IN-NC						
		PL-MV75-SUB-IN-NC						
		PL-MV75-SUB-OUT-NC						
	MARSHVILLE/MATTH TOTAL	PL-MV75-URB-IN-NC						
		PL-MV152-URB-IN-NC						
		PL-MV41-SUB-IN-NC						
		PL-MV75-SUB-IN-NC						
	MOORESVILLE	PL-MV75-SUB-OUT-NC						
		PL-MV75-URB-IN-NC						
PL-MV75-URB-OUT-NC								
PL-MV75-URB-IN-NC								
MOORESVILLE TOTAL	PL-MV75-URB-OUT-NC							
	PL-MV152-URB-IN-NC							
	PL-MV41-SUB-IN-NC							
	PL-MV75-SUB-IN-NC							
SALISBURY	PL-MV75-SUB-OUT-NC							
	PL-MV75-URB-IN-NC							
	PL-MV75-URB-IN-NC							
	PL-MV75-URB-OUT-NC							
SALISBURY TOTAL	PL-MV75-URB-IN-NC							
	PL-MV75-URB-OUT-NC							
	PL-MV152-URB-IN-NC							
	PL-MV152-URB-OUT-NC							
Total Conversions			6,668	\$9,959.93	\$119,519.19	13,517	\$20,488.68	\$245,864.18

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ZONE	OP CENTER	MV_PRICE_SCHED_NAME	Forecast January - June 2022			Forecast July - December 2022			Forecast - 2022 Year End				
			Quantity	Mo. Price Diff.	Annual Price Diff.	Quantity	Mo. Price Diff.	Annual Price Diff.	Quantity	Mo. Price Diff.	Annual Price Diff.		
CENTRAL METRO	LITTLE ROCK	PL-MV152-URB-IN-NC	258	\$77.51	\$930.08	219	\$65.69	\$788.22	477	\$143.19	\$1,718.30		
		PL-MV152-URB-OUT-NC	1	-\$0.08	-\$1.01	1	-\$0.07	-\$0.86	3	-\$0.16	-\$1.86		
		PL-MV393-URB-IN-NC	5	-\$43.49	-\$521.92	5	-\$36.86	-\$442.31	10	-\$80.35	-\$964.23		
		PL-MV41-SUB-IN-NC	11	\$28.38	\$340.50	9	\$24.05	\$288.57	19	\$52.42	\$629.07		
		PL-MV75-SUB-IN-NC	1,698	\$2,054.54	\$24,654.52	1,439	\$1,741.17	\$20,894.07	3,137	\$3,795.72	\$45,548.59		
		PL-MV75-SUB-OUT-NC	5	\$3.83	\$45.91	4	\$3.24	\$38.90	8	\$7.07	\$84.81		
		PL-MV75-URB-IN-NC	60	\$21.57	\$258.78	51	\$18.28	\$219.31	111	\$39.84	\$478.10		
		PL-MV75-URB-OUT-NC	1	\$0.00	\$0.00	1	\$0.00	\$0.00	2	\$0.00	\$0.00		
		LITTLE ROCK TOTAL			2,039	\$2,142.24	\$25,706.87	1,728	\$1,815.49	\$21,785.91	3,767	\$3,957.73	\$47,492.78
		NEWELL/KANNAPOLIS	NEWELL/KANNAPOLIS TOTAL	PL-MV75-SUB-OUT-NC									
PL-MV75-SUB-IN-NC													
PL-MV41-SUB-IN-NC													
PL-MV152-URB-IN-NC													
PL-MV75-URB-IN-NC													
CENTRAL WEST	GASTONIA	PL-MV152-URB-IN-NC											
		PL-MV152-URB-OUT-NC											
		PL-MV41-SUB-IN-NC											
		PL-MV75-SUB-IN-NC											
		PL-MV75-SUB-OUT-NC											
GASTONIA TOTAL													
SHELBY	SHELBY TOTAL	PL-MV75-SUB-IN-NC											
		PL-MV41-SUB-IN-NC											
		PL-MV75-SUB-OUT-NC											
MOUNTAINS EAST	BREVARD	PL-MV152-URB-IN-NC											
		PL-MV75-SUB-IN-NC											
		PL-MV75-URB-IN-NC											
		BREVARD TOTAL											
		HENDERSONVILLE	HENDERSONVILLE TOTAL	PL-MV152-URB-IN-NC									
	PL-MV152-URB-OUT-NC												
	PL-MV41-SUB-IN-NC												
	PL-MV75-SUB-IN-NC												
	PL-MV75-SUB-OUT-NC												
	HENDERSONVILLE TOTAL												
SPINDALE	SPINDALE TOTAL	PL-MV152-URB-IN-NC											
		PL-MV152-URB-OUT-NC											
		PL-MV393-URB-IN-NC											
		PL-MV41-SUB-IN-NC											
		PL-MV75-SUB-IN-NC											
		PL-MV75-SUB-OUT-NC											
		PL-MV75-URB-IN-NC											
		PL-MV75-URB-OUT-NC											
		SPINDALE TOTAL											
		MARION	MARION TOTAL	PL-MV75-SUB-OUT-NC									
PL-MV75-SUB-IN-NC													
PL-MV41-SUB-IN-NC													
PL-MV152-URB-IN-NC													
PL-MV75-URB-IN-NC													
MARION TOTAL													
CHEROKEE/FRANKLIN/ROBBI	CHEROKEE/FRANKLIN/ROBBINSVILLE TOTAL	PL-MV75-SUB-IN-NC											
		HICKORY											
		PL-MV75-SUB-OUT-NC	27	\$23.06	\$276.74	27	\$23.06	\$276.74	27	\$23.06	\$276.74		
		PL-MV75-SUB-IN-NC	2,049	\$2,479.05	\$29,748.59	2,049	\$2,479.05	\$29,748.59	2,049	\$2,479.05	\$29,748.59		
		PL-MV41-SUB-IN-NC	771	\$2,081.13	\$24,973.54	771	\$2,081.13	\$24,973.54	771	\$2,081.13	\$24,973.54		
PL-MV152-URB-IN-NC	228	\$68.36	\$820.34	228	\$68.36	\$820.34	228	\$68.36	\$820.34				
PL-MV75-URB-IN-NC	328	\$118.11	\$1,417.32	328	\$118.11	\$1,417.32	328	\$118.11	\$1,417.32				
HICKORY TOTAL			3,403	\$4,769.71	\$57,236.54	3,403	\$4,769.71	\$57,236.54	3,403	\$4,769.71	\$57,236.54		
TRIAD NORTH	FAIRFAX	PL-MV152-URB-IN-NC											
		PL-MV152-URB-OUT-NC											
		PL-MV41-SUB-IN-NC											
		PL-MV75-SUB-IN-NC											
		PL-MV75-SUB-OUT-NC											
		PL-MV75-URB-IN-NC											
		PL-MV75-URB-OUT-NC											
		FAIRFAX TOTAL											
		BURLINGTON	BURLINGTON TOTAL	PL-MV75-SUB-OUT-NC									
				PL-MV75-SUB-IN-NC									
PL-MV41-SUB-IN-NC													
PL-MV152-URB-IN-NC													
PL-MV75-URB-IN-NC													
HIGH POINT	HIGH POINT TOTAL	PL-MV75-SUB-OUT-NC											
		PL-MV75-SUB-IN-NC											
		PL-MV41-SUB-IN-NC											
		PL-MV152-URB-IN-NC											
		PL-MV75-URB-IN-NC											
KERNERSVILLE	KERNERSVILLE TOTAL	PL-MV152-URB-IN-NC	82	\$24.68	\$296.17	70	\$20.90	\$250.79	152	\$45.58	\$546.95		
		PL-MV152-URB-OUT-NC	2	-\$0.12	-\$1.49	2	-\$0.11	-\$1.26	4	-\$0.23	-\$2.75		
		PL-MV41-SUB-IN-NC	1,686	\$4,551.49	\$54,617.94	1,427	\$3,854.06	\$46,248.67	3,113	\$8,405.55	\$100,866.60		
		PL-MV75-SUB-IN-NC	432	\$522.14	\$6,265.73	365	\$442.13	\$5,305.62	797	\$964.28	\$11,571.35		
		PL-MV75-SUB-OUT-NC	10	\$8.26	\$99.10	8	\$6.99	\$83.91	18	\$15.25	\$183.01		
		PL-MV75-URB-IN-NC	42	\$15.09	\$181.05	35	\$12.78	\$153.31	77	\$27.86	\$334.36		
		PL-MV75-URB-OUT-NC	5	\$0.00	\$0.00	4	\$0.00	\$0.00	9	\$0.00	\$0.00		
		KERNERSVILLE TOTAL			2,258	\$5,121.54	\$61,458.50	1,912	\$4,336.75	\$52,041.03	4,170	\$9,458.29	\$113,499.53
		NWILKES/MT. AIRY	NWILKES/MT. AIRY TOTAL	PL-MV152-URB-IN-NC				50	\$14.93	\$179.17	50	\$14.93	\$179.17
				PL-MV152-URB-OUT-NC				9	-\$0.56	-\$6.76	9	-\$0.56	-\$6.76
PL-MV41-SUB-IN-NC						153	\$413.28	\$4,959.41	153	\$413.28	\$4,959.41		
PL-MV75-SUB-IN-NC						1,239	\$1,498.74	\$17,984.02	1,239	\$1,498.74	\$17,984.02		
PL-MV75-SUB-OUT-NC						68	\$56.79	\$681.54	68	\$56.79	\$681.54		
PL-MV75-URB-IN-NC						54	\$19.27	\$231.24	54	\$19.27	\$231.24		
PL-MV75-URB-OUT-NC													
NWILKES/MT. AIRY TOTAL							1,572	\$2,002.46	\$24,029.51	1,572	\$2,002.46	\$24,029.51	
ELKIN	ELKIN TOTAL			PL-MV152-URB-IN-NC				23	\$6.84	\$82.13	23	\$6.84	\$82.13
				PL-MV152-URB-OUT-NC				3	-\$0.18	-\$2.19	3	-\$0.18	-\$2.19
		PL-MV41-SUB-IN-NC				101	\$272.04	\$3,264.51	101	\$272.04	\$3,264.51		

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ZONE	OP CENTER	MV_PRICE_SCHED_NAME	Forecast January - June 2022			Forecast July - December 2022			Forecast - 2022 Year End		
			Quantity	Mo. Price Diff.	Annual Price Diff.	Quantity	Mo. Price Diff.	Annual Price Diff.	Quantity	Mo. Price Diff.	Annual Price Diff.
		PL-MV75-SUB-IN-NC				230	\$278.80	\$3,345.54	230	\$278.80	\$3,345.54
		PL-MV75-SUB-OUT-NC				8	\$7.03	\$84.32	8	\$7.03	\$84.32
		PL-MV75-URB-IN-NC				25	\$9.17	\$110.05	25	\$9.17	\$110.05
		PL-MV75-URB-OUT-NC				1	\$0.00	\$0.00	1	\$0.00	\$0.00
	ELKIN TOTAL					392	\$573.70	\$6,884.36	392	\$573.70	\$6,884.36
CENTRAL EAST	MARSHVILLE/MATTHEWS	PL-MV152-URB-IN-NC	76	\$22.86	\$274.27				76	\$22.86	\$274.27
		PL-MV41-SUB-IN-NC	63	\$169.56	\$2,034.76				63	\$169.56	\$2,034.76
		PL-MV75-SUB-IN-NC	1,071	\$1,295.56	\$15,546.71				1,071	\$1,295.56	\$15,546.71
		PL-MV75-SUB-OUT-NC	3	\$2.59	\$31.13				3	\$2.59	\$31.13
		PL-MV75-URB-IN-NC	77	\$27.80	\$333.57				77	\$27.80	\$333.57
	MARSHVILLE/MATTH TOTAL		1,290	\$1,518.37	\$18,220.44				1,290	\$1,518.37	\$18,220.44
	MOORESVILLE	PL-MV152-URB-IN-NC	7	\$1.96	\$23.50	19	\$5.83	\$69.98	26	\$7.79	\$93.48
		PL-MV41-SUB-IN-NC	45	\$122.63	\$1,471.50	135	\$365.15	\$4,381.80	181	\$487.78	\$5,853.30
		PL-MV75-SUB-IN-NC	56	\$67.73	\$812.72	167	\$201.67	\$2,400.09	223	\$269.40	\$3,232.81
		PL-MV75-SUB-OUT-NC	1	\$0.82	\$9.80	3	\$2.43	\$29.18	4	\$3.25	\$38.98
		PL-MV75-URB-IN-NC	25	\$9.00	\$108.00	74	\$26.80	\$321.60	99	\$35.80	\$429.60
		PL-MV75-URB-OUT-NC	1	\$0.00	\$0.00	3	\$0.00	\$0.00	4	\$0.00	\$0.00
	MOORESVILLE TOTAL		135	\$202.13	\$2,425.52	402	\$601.89	\$7,222.65	537	\$804.01	\$9,648.17
	SALISBURY	PL-MV152-URB-IN-NC				57	\$17.17	\$206.01	57	\$17.17	\$206.01
		PL-MV152-URB-OUT-NC				1	-\$0.08	-\$0.98	1	-\$0.08	-\$0.98
		PL-MV41-SUB-IN-NC				470	\$1,269.20	\$15,230.36	470	\$1,269.20	\$15,230.36
		PL-MV75-SUB-IN-NC				156	\$188.77	\$2,265.26	156	\$188.77	\$2,265.26
		PL-MV75-SUB-OUT-NC				8	\$6.58	\$78.97	8	\$6.58	\$78.97
		PL-MV75-URB-IN-NC				6	\$2.33	\$27.96	6	\$2.33	\$27.96
		PL-MV75-URB-OUT-NC				1	\$0.00	\$0.00	1	\$0.00	\$0.00
	SALISBURY TOTAL					700	\$1,483.97	\$17,807.59	700	\$1,483.97	\$17,807.59
	Total Conversions		9,125	\$13,753.99	\$165,047.86	6,706	\$10,814.25	\$129,771.05	15,831	\$24,568.24	\$294,818.91

Duke Energy Carolinas, LLC
 Outdoor Lighting Schedule PL
 Mercury Vapor Conversion Project Semiannual Report
 2020 - 2022 Schedule By Duke Energy Operations Center

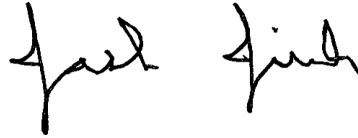
Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	2020 H1 AC		
			HENDERSONVILLE - 132			132		
			FAIRFAX - 652			652		
			GASTONIA - 174			174		
			LITTLE ROCK - 78			78		
Grand Total						1036		
Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	2020 H2 AC	EOY AC	CUMUL
HENDERSONVILLE - Projected 1126						424	556	556
FAIRFAX - Projected 1269						1667	2319	2319
GASTONIA - Projected 1514						1021	1195	1195
LITTLE ROCK - Projected 1522						2520	2598	2598
Grand Total						5632	6668	6668
Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	2021 H1 AC	EOY PC	CUMUL
SPINDALE - Projected 888, Actual 669		CHEROKEE, FRANKLIN ROBBINSVILLE - Projected 460, Actual 415		MARION - Projected 720, Actual 0		1084		
Triangle - Proj 735, Actual 441		FAIRFAX - Projected 2063, Actual 2162				2603		
GASTONIA - Projected 864, Actual 919			SHELBY - Projected 999, Actual 688			1607		
LITTLE ROCK - Projected 1728, Actual 2321						2321		
Grand Total						7615		14283
Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	2021 H2 AC	EOY AC	CUMUL
MARION - Projected 720, Actual 823		HICKORY - Projected 2070, Actual 1051				1874	2958	
BURLINGTON - Projected 1260, Actual 1320				HIGH POINT - PROJECTED 479, Actual 74		1394	3997	
NEWELL/KANNAPOLIS - Projected 1478, Actual 1217						1217	2824	
LITTLE ROCK - Projected 1728, Actual 1417						1417	3738	
Grand Total						5902	13517	20185
Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	2022 H1 PC	EOY PC	CUMUL
HICKORY - PROJ 3403						3403		
KERNERSVILLE - PROJ 2258						2258		
MARSHVILLE/MATTH - PROJ 1290				MOORESVILLE - PROJ 135		1425		
LITTLE ROCK - Projected 2039						2039		
Grand Total						9125		29310
Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	2022 H2 PC	EOY PC	CUMUL
NWILKES/MT AIRY - PROJ 1572				ELKIN - PROJ 392		1,964	5,367	
KERNERSVILLE - PROJ 1912						1,912	4,170	
MOORESVILLE - 402			SALISBURY - PROJ 700			1,102	2,527	
LITTLE ROCK - Projected 1728						1,728	3,767	
Grand Total						6,706	15,831	36,016

AC = Actual Completions
 PC = Projected Completions
 EOY PC = End of Year Projected Completions
 EOY AC = End of Year Actual Completions

CERTIFICATE OF SERVICE

I certify that a copy of Duke Energy Carolinas, LLC's Semiannual Lighting Conversion Progress Report, in Docket No. E-7, Sub 1146, 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 31st day of March, 2022.



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