



## ATTACHMENT I:

### **The Duke Energy Progress NC Renewable Energy & Energy Efficiency Portfolio Standard (NC REPS) Compliance Plan 4-Year Review (August 2022)**



**Table 2: Current and Projected Avoided Cost Rates Table**

<b>CURRENT AVOIDED ENERGY AND CAPACITY COST<sup>(4)</sup></b>			
	<b>On-Peak Energy<sup>(1)</sup> (\$/MWh)</b>	<b>Off-Peak Energy<sup>(1)</sup> (\$/MWh)</b>	<b>Capacity Cost – Installed CT Cost <sup>(2)</sup> (\$/kW)</b>
2019	35.48	30.41	639
2020	34.10	31.14	639
2021	39.35	33.75	639
<b>PROJECTED AVOIDED ENERGY AND CAPACITY COST<sup>(4)</sup></b>			
	<b>On-Peak Energy (\$/MWh)</b>	<b>Off-Peak Energy (\$/MWh)</b>	<b>Capacity Cost – Installed CT Cost <sup>(3)</sup> (\$/kW)</b>
2019	33.24	28.04	639
2020	30.23	27.28	639
2021	35.56	24.36	639

Notes:

(1) On-peak and off-peak energy rates based on Option B hours and information derived using methodology approved in Docket No. E-100, Sub 148.

(2) Capacity Cost column provides the installed CT cost with AFUDC /nominal capacity approved in Docket No. E-100, Sub 148.

(3) The capacity cost shown is a placeholder based on current avoided capacity cost.

(4) Does not incorporate additional considerations used in rate calculation and is subject to change.

**EXHIBIT A**

**Duke Energy Carolinas, LLC's 2018 REPS Compliance Plan  
Duke Energy Carolinas' Renewable Resource Procurement from 3<sup>rd</sup> Parties  
(signed contracts as of June 30, 2018)**

**[BEGIN CONFIDENTIAL]**

Resource Supplier	Contract Duration	REC Only?	Estimated RECs		
SOLAR RESOURCES			2018	2019	2020
[REDACTED]	15 years	N	3,748	3,729	3,720
[REDACTED]	Spot Purchase	Y	30,000	0	0
[REDACTED]	15 years	N	5,594	5,566	5,551
[REDACTED]	10 years	N	9,276	9,230	9,206
[REDACTED]	15 years	N	9,184	9,138	9,114
[REDACTED]	15 years	N	9,138	9,092	9,069
[REDACTED]	15 years	N	5,594	5,566	5,551
[REDACTED]	15 years	N	39,803	39,604	39,502
[REDACTED]	15 years	N	9,362	9,315	9,292
[REDACTED]	15 years	N	7,458	7,421	7,402
[REDACTED]	15 years	N	7,310	7,274	7,255
[REDACTED]	15 years	N	9,230	9,184	9,160
[REDACTED]	15 years	N	501	9,230	9,206
[REDACTED]	15 years	N	5,538	5,510	5,496
[REDACTED]	15 years	N	7,421	7,384	7,365
[REDACTED]	15 years	N	7,458	7,421	7,402
[REDACTED]	15 years	N	9,230	9,184	9,160
[REDACTED]	15 years	N	9,276	9,230	9,206
[REDACTED]	15 years	N	9,370	9,323	9,299
[REDACTED]	15 years	N	3,727	3,709	3,699
[REDACTED]	15 years	N	9,230	9,184	9,160
[REDACTED]	15 years	N	9,184	9,138	9,114
[REDACTED]	20 years	N	7,274	7,237	7,219
[REDACTED]	15 years	N	8,307	8,265	8,244
[REDACTED]	15 years	Y	3,312	3,295	3,279
[REDACTED]	15 years	N	6,493	6,461	6,444
[REDACTED]	15 years	N	1,132	5,538	5,524
[REDACTED]	15 years	N	3,709	3,690	3,681
[REDACTED]	15 years	N	9,184	9,138	9,114

Resource Supplier	Contract Duration	REC Only?	Estimated RECs		
SOLAR RESOURCES			2018	2019	2020
[REDACTED]	15 years	N	9,276	9,230	9,206
[REDACTED]	20 years	Y	8,000	7,875	6,000
[REDACTED]	15 years	Y	3,312	3,295	3,279
[REDACTED]	15 years	N	9,304	9,258	9,234
[REDACTED]	15 years	N	6,493	6,461	6,444
[REDACTED]	15 years	N	5,566	5,538	5,524
[REDACTED]	10 years	N	9,509	32,895	32,810
[REDACTED]	15 years	N	0	2,769	2,762
[REDACTED]	15 years	N	9,184	9,138	9,114
[REDACTED]	15 years	N	9,273	9,226	9,203
[REDACTED]	15 years	N	9,323	9,276	9,252
[REDACTED]	15 years	N	9,230	9,184	9,160
[REDACTED]	15 years	N	3,685	3,666	3,657
[REDACTED]	15 years	N	3,685	3,666	3,657
[REDACTED]	15 years	N	3,675	3,657	3,647
[REDACTED]	15 years	N	3,690	3,672	3,662
[REDACTED]	15 years	N	4,638	4,615	4,603
[REDACTED]	15 years	N	3,711	3,692	3,682
[REDACTED]	Spot Purchase	Y	50,000	0	0
[REDACTED]	15 years	N	0	1,887	9,252
[REDACTED]	15 years	N	3,711	3,692	3,682
[REDACTED]	15 years	N	9,321	9,274	9,251
[REDACTED]	15 years	N	7,384	7,347	7,328
[REDACTED]	15 years	N	3,727	3,709	3,699
[REDACTED]	15 years	N	9,321	9,274	9,251
[REDACTED]	15 years	N	9,138	9,092	9,069
[REDACTED]	15 years	N	9,092	9,046	9,023
[REDACTED]	10 years	N	44,512	153,990	153,593
[REDACTED]	15 years	N	9,323	9,276	9,252
[REDACTED]	15 years	N	9,273	9,226	9,203
[REDACTED]	15 years	N	5,594	5,566	5,551
[REDACTED]	15 years	N	5,594	5,566	5,551
[REDACTED]	15 years	N	9,273	9,226	9,203
[REDACTED]	15 years	N	9,138	9,092	9,069
[REDACTED]	15 years	N	9,319	9,273	9,249
[REDACTED]	15 years	N	9,092	9,046	9,023

Resource Supplier	Contract Duration	REC Only?	Estimated RECs		
SOLAR RESOURCES			2018	2019	2020
	15 years	N	3,692	3,673	3,664
	15 years	N	9,230	9,184	9,160
	15 years	N	2,188	3,744	3,735
	15 years	N	501	9,230	9,206
	15 years	N	9,323	9,276	9,252
	16 years	Y	134	134	134
	15 years	N	8,406	8,363	8,342
	15 years	N	3,711	3,692	3,682
	15 years	N	6,424	6,392	6,375
	15 years	N	9,276	9,230	9,206
	15 years	Y	3,312	3,295	3,279
	15 years	N	3,692	3,673	3,664
	15 years	N	9,044	8,999	8,976
	15 years	N	9,138	9,092	9,069
	15 years	N	8,391	8,349	8,327
	15 years	N	0	9,226	9,203
	15 years	N	9,360	9,314	9,290
	15 years	N	9,323	9,276	9,252
	15 years	N	0	0	1,811
	15 years	N	8,307	8,265	8,244
	20 years	N	15,406	15,329	15,289
	5 years	N	320	318	317
	20 years	N	452	450	449
	15 years	N	9,230	9,184	9,160
	15 years	N	9,319	9,273	9,249
	15 years	N	9,184	9,138	9,114
	15 years	N	1,492	1,484	1,480
	15 years	N	9,092	9,046	9,023
	15 years	Y	3,252	3,226	3,201
	15 years	N	9,273	9,226	9,203
	15 years	N	9,184	9,138	9,114
	15 years	N	3,733	3,714	3,705
	15 years	N	6,456	6,424	6,408
	15 years	N	3,506	3,489	3,480
Total 3rd Party Solar Resources			783,754	870,597	875,646

BIOMASS RESOURCES			2018	2019	2020
	16 years	Y	917	11,000	22,000
	20 years	N	6,732	6,732	6,751
	20 years	N	66,434	66,434	66,616
	5 years	Y	225,000	225,000	225,000
	10 years	Y	289,742	289,742	289,742
	20 years	N	13,120	13,120	13,156
	20 years	N	16,609	16,609	16,655
	20 years	N	28,790	28,790	28,868
	10 years	N	29,319	29,319	29,399
	5 years	N	8,641	0	0
	10 years	N	19,893	19,893	19,947
	10 years	N	12,173	12,173	12,207
	20 years	Y	60,000	60,000	60,000
	15 years	N	0	0	84,950
	Spot Purchase	Y	283,086	0	0
	10 years	Y	11,000	11,000	11,000
	15 years	Y	3,398	13,590	13,590
	20 years	Y	15,000	15,000	15,000
	5 years	N	191	63	0
	6 years	Y	48,000	0	0
	7 years	Y	32,000	0	0
	5 years	N	5,000	5,000	4,167
	15 years	N	14,604	14,604	14,644
Total 3rd Party Biomass Resources			1,189,648	838,069	933,692

POULTRY WASTE-TO-ENERGY RESOURCES			2018	2019	2020
[REDACTED]	16 years	Y	0	10,000	31,250
[REDACTED]	15 years	Y	0	15,000	36,410
[REDACTED]	15 years	N	0	0	55,000
[REDACTED]	15 years	Y	6,838	20,513	27,350
[REDACTED]	15 years	Y	10,000	30,000	40,000
[REDACTED]	20 years	Y	10,000	72,000	72,000
[REDACTED]	15 years	Y	0	0	6,100
[REDACTED]	15 years	Y	0	0	6,400
[REDACTED]	20 years	Y	15,000	20,000	30,000
[REDACTED]	18 years	Y	100	100	100
[REDACTED]	6 years	Y	52,000	100,000	100,000
[REDACTED]	7 years	Y	55,000	87,000	87,000
[REDACTED]	5 years	N	11,000	11,000	9,167
[REDACTED]	Spot purchase	Y	122,871	0	0
Total 3rd Party Poultry Resources			282,809	365,613	500,777
SWINE WASTE-TO-ENERGY RESOURCES			2018	2019	2020
[REDACTED]	20 years	Y	2,286	5,143	6,858
[REDACTED]	10 years	Y	16,700	16,700	16,700
[REDACTED]	7 years	Y	300	300	300
[REDACTED]	15 years	N	0	17,750	42,600
[REDACTED]	Spot Purchase	Y	1,714	0	0
[REDACTED]	20 years	Y	1,271	1,271	1,271
[REDACTED]	20 years	Y	3,500	3,500	3,500
Total 3rd Party Swine Resources			25,771	44,664	71,229

HYDROELECTRIC ENERGY RESOURCES			2018	2019	2020
[REDACTED]	2 years	N	4,121	4,121	677
[REDACTED]	5 years	N	6,779	6,779	1,114
[REDACTED]	5 years	N	346	346	29
[REDACTED]	5 years	N	4,379	0	0
[REDACTED]	5 years	N	1,449	1,449	1,453
[REDACTED]	15 years	N	5,439	5,439	5,454
[REDACTED]	15 years	N	3,710	3,710	3,720
[REDACTED]	10 years	N	3,312	3,312	3,322
[REDACTED]	10 years	N	4,926	4,926	4,939
[REDACTED]	10 years	N	4,601	4,601	4,613
[REDACTED]	15 years	N	3,801	3,801	3,811
[REDACTED]	10 years	N	4,664	4,664	0
[REDACTED]	15 years	N	3,451	3,451	3,460
[REDACTED]	5 years	N	366	366	366
[REDACTED]	5 years	N	7,423	7,423	7,423
[REDACTED]	5 years	N	1,714	1,714	1,714
[REDACTED]	5 years	N	9,986	9,986	9,986
[REDACTED]	5 years	N	5,319	5,319	874
[REDACTED]	5 years	N	7,156	7,156	1,176
[REDACTED]	2 years	N	1,013	1,013	1,015
[REDACTED]	10 years	N	1,697	1,697	1,702
[REDACTED]	15 years	N	833	833	835
[REDACTED]	10 years	N	8,500	8,500	8,523
Total 3rd Party Hydroelectric Resources			94,984	90,605	66,208
WIND ENERGY RESOURCES			2018	2019	2020
[REDACTED]	Spot purchase	Y	250,000	0	0
[REDACTED]	Spot purchase	Y	250,000	0	0
[REDACTED]	Spot purchase	Y	250,000	0	0
[REDACTED]	Spot purchase	Y	100,000	0	0
Total 3rd Party Wind Resources			850,000	0	0

[END CONFIDENTIAL]