Docket No. E-100, Sub 147

NC Renewable Energy & Energy Efficiency Portfolio Standard (NC REPS) Compliance Plan

Disclosed August 2021

Table 2: Current and Projected Avoided Cost Rates Table

CURRENT AVOIDED ENERGY AND CAPACITY COST(approved in E-100, Sub 140)			
	On-Peak Energy [1] ($/MWh)	**Off-Peak Energy [1] ($/MWh)**	**Capacity Cost – Installed CT Cost [2] ($/kW)**
2018	35.04	32.17	635
2019	30.89	28.33	635
2020	31.96	31.07	635
PROJECTED AVOIDED ENERGY AND CAPACITY COST (filed in E-100, Sub 148) [4]			
	On-Peak Energy ($/MWh)	**Off-Peak Energy ($/MWh)**	**Capacity Cost – Installed CT Cost [3] ($/kW)**
2018	34.94	30.02	635
2019	32.87	28.40	635
2020	33.72	27.03	635

Notes:
(1) On-peak and off-peak energy rates based on Option B hours and information derived using methodology filed in Docket No. E-100, Sub 148.
(2) Capacity Cost column provides the installed CT cost with AFUDC /nominal capacity filed in Docket No. E-100, Sub 148.
(3) The capacity cost shown is a placeholder based on current avoided cost filing.
(4) Does not incorporate additional considerations used in rate calculation and is subject to change.

EXHIBIT A

Duke Energy Progress, LLC's 2017 REPS Compliance Plan
Duke Energy Progress' Renewable Resource Procurement from 3rd Parties
(signed contracts as of June 30, 2017)

[BEGIN CONFIDENTIAL]

Resource Supplier	Contract Duration	REC Only	Estimated RECs		
SOLAR RESOURCES			2017	2018	2019
[redacted]	10 year		61	61	-
[redacted]	20 year		644	641	638
[redacted]	20 year		314	312	310
[redacted]	20 year		40	40	40
[redacted]	20 year		16	16	16
[redacted]	15 year		2,880	2,866	2,851
[redacted]	15 year		7,143	7,108	7,072
[redacted]	15 year		8,234	8,168	8,102
[redacted]	15 year		3,180	3,164	3,148
[redacted]	20 year		630	627	624
[redacted]	20 year		302	300	299
[redacted]	20 year		635	632	629
[redacted]	20 year		316	314	312
[redacted]	15 year		8,132	8,091	8,051
[redacted]	15 year		8,253	8,212	8,171
[redacted]	20 year		14	14	14
[redacted]	20 year		16	16	16
[redacted]	15 year		8,177	8,136	8,095

[redacted]	10 year	93	93	-
[redacted]	20 year	32	32	32
[redacted]	20 year	29	29	29
[redacted]	15 year	32,978	32,747	32,518
[redacted]	20 year	639	636	633
[redacted]	15 year	8,436	8,394	8,352
[redacted]	15 year	7,846	7,807	7,768
[redacted]	15 year	8,436	8,394	8,352
[redacted]	15 year	7,851	7,812	7,773
[redacted]	15 year	7,944	7,905	7,865
[redacted]	15 year	7,895	7,855	7,816
[redacted]	15 year	7,808	7,769	7,730
[redacted]	20 year	810	806	802
[redacted]	20 year	312	310	308
[redacted]	20 year	312	310	308
[redacted]	15 year	3,815	3,784	3,754
[redacted]	15 year	7,340	7,303	7,267
[redacted]	20 year	1,530	1,522	1,514
[redacted]	15 year	8,312	8,270	8,229
[redacted]	15 year	9,409	9,334	9,260
[redacted]	15 year	7,855	7,816	7,777
[redacted]	15 year	7,960	7,920	7,880
[redacted]	15 year	38	38	38
[redacted]	15 year			

		4,736	4,713	4,689
[redacted]	15 year	8,201	8,160	8,119
[redacted]	15 year	8,161	8,121	8,080
[redacted]	15 year	7,249	7,213	7,177
[redacted]	15 year	8,173	8,132	8,091
[redacted]	20 year	256	255	254
[redacted]	10 year	68	-	-
[redacted]	15 year	7,076	6,722	6,718
[redacted]	20 year	26	26	26
[redacted]	15 year	7,411	7,374	7,337
[redacted]	15 year	8,933	8,888	8,844
[redacted]	15 year	3,995	3,975	3,955
[redacted]	20 year	14	14	14
[redacted]	15 year	9,687	9,639	9,591
[redacted]	15 year	8,536	8,493	8,451
[redacted]	15 year	7,639	7,601	7,563
[redacted]	15 year	7,847	7,807	7,768
[redacted]	20 year	633	630	626
[redacted]	10 year	7,847	7,807	7,768
[redacted]	15 year	2,959	2,945	2,930
[redacted]	20 year	1,621	1,613	1,605
[redacted]	20 year	39	39	39
[redacted]	20 year	1,475	1,463	1,451
[redacted]	20 year	659	656	653

[redacted]	20 year		99	99	98
[redacted]	15 year		6,715	6,682	6,648
[redacted]	15 year		2,519	2,505	2,493
[redacted]	15 year		8,393	8,351	8,310
[redacted]	10 year		311	309	307
[redacted]	20 year		122	121	120
[redacted]	20 year		119	118	117
[redacted]	15 year		6,547	6,514	6,481
[redacted]	15 year		7,238	7,202	7,166
[redacted]	15 year		7,600	7,562	7,524
[redacted]	15 year	Y	100	100	100
[redacted]	15 year	Y	200	200	200
[redacted]	15 year		8,481	8,439	8,396
[redacted]	15 year		3,884	3,853	3,822
[redacted]	15 year		8,479	8,437	8,395
[redacted]	15 year		8,479	8,437	8,395
[redacted]	15 year		8,479	8,437	8,395
[redacted]	15 year		7,286	7,249	7,213
[redacted]	15 year		8,148	8,107	8,067
[redacted]	15 year		3,269	3,252	3,236
[redacted]	20 year		638	635	632
[redacted]	20 year		3,859	3,840	3,821
[redacted]	20 year		315	313	311
[redacted]	20 year				

		265	264	263
[redacted]	15 year	6,541	6,508	6,476
[redacted]	15 year	7,791	7,752	7,714
[redacted]	15 year	3,254	3,238	3,222
[redacted]	20 year	193	192	190
[redacted]	20 year	143	142	141
[redacted]	15 year	8,128	8,087	8,047
[redacted]	15 year	7,271	7,235	7,198
[redacted]	15 year	7,887	7,847	7,808
[redacted]	15 year	37,947	37,700	37,455
[redacted]	20 year	254	253	252
[redacted]	15 year	2,085	2,075	2,064
[redacted]	15 year	7,634	7,596	7,558
[redacted]	15 year	166,224	165,393	164,566
[redacted]	15 year	8,124	8,084	8,043
[redacted]	15 year	2,721	2,708	2,694
[redacted]	15 year	1,283	1,277	1,271
[redacted]	15 year	1,283	1,277	1,271
[redacted]	15 year	7,315	7,279	7,242
[redacted]	15 year	8,156	8,115	8,075
[redacted]	20 year	32	32	32
[redacted]	20 year	32	32	32
[redacted]	20 year	32	32	32
[redacted]	15 year	8,177	8,136	8,095

[redacted]	15 year	3,149	3,133	3,118
[redacted]	15 year	7,405	7,368	7,332
[redacted]	15 year	4,906	4,882	4,857
[redacted]	15 year	7,249	7,213	7,177
[redacted]	15 year	3,180	3,164	3,148
[redacted]	15 year	7,851	7,812	7,773
[redacted]	20 year	13	13	13
[redacted]	15 year	92,184	91,723	91,264
[redacted]	20 year	14	14	14
[redacted]	15 year	8,177	8,136	8,095
[redacted]	15 year	2,901	2,886	2,872
[redacted]	15 year	8,575	8,507	8,438
[redacted]	15 year	8,575	8,507	8,438
[redacted]	20 year	15	15	15
[redacted]	20 year	30	30	29
[redacted]	20 year	15	15	15
[redacted]	15 year	7,646	7,608	7,570
[redacted]	20 year	18	18	18
[redacted]	15 year	9,456	9,408	9,361
[redacted]	15 year	7,920	7,880	7,841
[redacted]	15 year	8,351	8,310	8,268
[redacted]	15 year	7,920	7,880	7,841
[redacted]	15 year	9,245	9,199	9,153
[redacted]	15 year			

		37,872	37,682	37,494
[redacted]	15 year	8,177	8,136	8,095
[redacted]	15 year	7,768	7,729	7,691
[redacted]	15 year	7,834	7,795	7,756
[redacted]	15 year	6,371	6,339	6,308
[redacted]	15 year	7,565	7,527	7,489
[redacted]	15 year	8,160	8,119	8,079
[redacted]	15 year	3,220	3,204	3,188
[redacted]	20 year	21	21	21
[redacted]	20 year	234	-	-
[redacted]	15 year	8,436	8,394	8,352
[redacted]	20 year	3,062	3,047	3,032
[redacted]	15 year	3,326	3,299	3,273
[redacted]	15 year	8,509	8,505	8,500
[redacted]	15 year	8,173	8,132	8,091
[redacted]	15 year	9,737	9,688	9,640
[redacted]	15 year	9,105	9,032	8,959
[redacted]	20 year	1,582	1,574	1,566
[redacted]	20 year	3,828	3,809	3,790
[redacted]	15 year	8,124	8,083	8,043
[redacted]	20 year	635	632	629
[redacted]	15 year	6,096	6,065	6,035
[redacted]	15 year	8,395	8,353	8,311
[redacted]	15 year	7,503	7,465	7,428

[redacted]	15 year		8,783	8,713	8,643
[redacted]	15 year		8,393	8,351	8,310
[redacted]	15 year		3,147	3,131	3,115
[redacted]	20 year		639	636	633
[redacted]	20 year		312	310	308
[redacted]	15 year		8,476	8,434	8,392
[redacted]	15 year		7,554	7,517	7,479
[redacted]	15 year		8,489	8,447	8,404
[redacted]	15 year		3,028	3,013	2,998
[redacted]	20 year		1,913	1,903	1,893
[redacted]	15 year		7,920	7,880	7,841
[redacted]	10 year		1,247	1,241	-
[redacted]	15 year	Y	120	120	120
[redacted]	15 year	Y	150	150	150
[redacted]	15 year		8,328	8,286	8,245
[redacted]	15 year		3,783	3,753	3,723
[redacted]	20 year		639	636	633
[redacted]	15 year		9,011	8,939	8,867
[redacted]	15 year		9,136	9,090	9,045
[redacted]	15 year		7,588	7,551	7,513
[redacted]	15 year		7,847	7,807	7,768
[redacted]	15 year		5,574	5,546	5,519
[redacted]	15 year		8,975	8,930	8,885
[redacted]	15 year				

			9,197	9,151	9,106
[redacted]	15 year		7,947	7,908	7,868
[redacted]	15 year		7,812	7,773	7,734
[redacted]	15 year		4,902	4,877	4,853
[redacted]	15 year		7,840	7,800	7,761
[redacted]	20 year		1,509	1,501	1,493
[redacted]	15 year		7,600	7,562	7,524
[redacted]	20 year		312	310	308
[redacted]	15 year		312	8,270	8,229
[redacted]	15 year		8,173	8,132	8,091
[redacted]	20 year		30	30	30
[redacted]	20 year		509	506	503
[redacted]	15 year	Y	120	120	120
[redacted]	15 year		8,436	8,394	8,352
[redacted]	15 year		7,437	7,399	7,362
[redacted]	15 year		7,238	7,202	7,166
[redacted]	15 year		8,098	8,057	8,017
[redacted]	15 year		7,916	7,876	7,837
[redacted]	15 year		3,800	3,629	3,466
[redacted]	15 year		7,947	7,908	7,868
[redacted]	15 year		8,146	8,106	8,065
[redacted]	15 year		8,146	8,106	8,065
[redacted]	15 year		8,161	8,121	8,080
[redacted]	15 year		9,150	9,104	9,059

[redacted]	20 year	502	499	497
[redacted]	15 year	8,780	8,710	8,640
[redacted]	15 year	437	8,395	8,353
[redacted]	15 year	8,437	8,395	8,353
[redacted]	15 year	8,437	8,395	8,353
[redacted]	15 year	7,803	7,764	7,725
[redacted]	20 year	125	124	123
[redacted]	15 year	8,858	8,813	8,769
[redacted]	15 year	7,246	7,210	7,174
[redacted]	15 year	7,955	7,916	7,876
[redacted]	15 year	7,101	7,066	7,030
[redacted]	15 year	7,086	7,051	7,016
[redacted]	15 year	8,617	8,574	8,531
[redacted]	15 year	7,634	7,596	7,558
[redacted]	15 year	7,646	7,608	7,570
Total 3rd party solar resources		**1,430,942**	**1,438,599**	**1,429,559**

BIOMASS RESOURCES		**2017**	**2018**	**2019**
[redacted]	10 year	75,000	100,915	100,915
[redacted]	10 year	130,780	130,780	130,780
[redacted]	10 year	242,338	242,338	242,338
[redacted]	15 year	13,876	13,876	13,876
[redacted]	6 year	321,667	-	-
[redacted]	15 year	75,098	75,098	75,098
[redacted]	10 year			

[redacted]			54,356	54,356	72,226
[redacted]	10 year		20,893	20,893	20,893
[redacted]	20 year	Y	27,528	27,528	27,528
[redacted]	15 year		14,542	14,542	14,542
[redacted]	20 year	Y	16,000	16,000	16,000
Total 3rd party biomass resources			**992,078**	**696,326**	**714,196**
POULTRY WASTE TO ENERGY RESOURCES			**2017**	**2018**	**2019**
[redacted]	15 year	Y	-	67,500	90,000
[redacted]	6 year	Y	25,000	-	-
[redacted]	15 year	Y	33,333	40,000	40,000
[redacted]	20 year	Y	28,862	37,407	85,036
[redacted]	20 year		29,000	29,000	60,000
[redacted]	Spot	Y	217,214	-	-
[redacted]	8 year	Y	-	-	60,000
[redacted]	20 year	Y	32,000	32,000	32,000
[redacted]	4 year	Y	4,000	8,000	8,000
[redacted]	1 year		5,000	7,500	11,400
[redacted]	10 year	Y	5,000	7,500	11,400
Total 3rd party poultry resources			**379,409**	**228,907**	**397,836**
SWINE WASTE TO ENERGY RESOURCES			**2017**	**2018**	**2019**
[redacted]	15 year	Y	-	46,875	62,500
[redacted]	20 year	Y	356	2,845	4,267
[redacted]	20 year			2,500	6,000
[redacted]	20 year	Y			

			1,000	1,000	40,000
[redacted]	10 year	Y	-	11,100	11,100
[redacted]	20 year	Y	-	4,059	6,958
[redacted]	20 year	Y	2,903	2,903	2,903
[redacted]	16 year	Y	-	-	1,742
Total 3rd party swine resources			**4,259**	**71,281**	**135,470**

HYDROELECTRIC ENERGY RESOURCES			**2017**	**2018**	**2019**
[redacted]	14 year		2,661	2,661	2,661
[redacted]	10 year		18,000	18,000	18,000
[redacted]	15 year		1,927	1,927	1,927
Total 3rd party hydroelectric resources			**22,588**	**22,588**	**22,588**

Contract list does not include Residential SunSense Solar PV participants

[END CONFIDENTIAL]