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August 29, 2018

**VIA ELECTRONIC FILING**

M. Lynn Jarvis, Chief Clerk  
North Carolina Utilities Commission  
4325 Mail Service Center  
Raleigh, North Carolina 27699-4300

**RE: Duke Energy Carolinas, LLC's' 2014 Revised REPS Compliance Plan  
and Duke Energy Progress, LLC's 2014 Revised REPS Compliance  
Plan  
Docket No. E-100, Sub 141**

Dear Ms. Jarvis:

Pursuant to the Commission's June 3, 2013 *Order Granting in Part and Denying in Part Motion for Disclosure* in Docket No. E-100, Sub 137 (the "June 3, 2013 Order"), enclosed please find Duke Energy Carolinas, LLC's ("DEC") Revised Table 2 (page 174) and Revised Exhibit A of its 2014 Renewable Energy and Energy Efficiency Portfolio Standard ("REPS") Compliance Plan and Duke Energy Progress, LLC's ("DEP") Revised Table 2 (page 173) and Revised Exhibit A of its 2014 REPS Compliance Plan. The June 3, 2013 Order required DEC and DEP to annually review their REPS compliance plans from four years earlier and disclose any redacted information that is no longer considered a trade secret.

DEC and DEP have reviewed their 2014 REPS Compliance Plans and determined that certain information contained in their respective Table 2's and Exhibit A's ("Exhibit A") no longer qualifies as a trade secret: combustion turbine costs, contract duration, estimated MWhs and estimated Renewable Energy Certificates ("RECs") for compliance with REPS set-aside requirements. However, certain information in Exhibit A remains a trade secret and commercially sensitive information, and both DEC and DEP renew their earlier request to treat this information confidentially pursuant to N.C. Gen. Stat. § 132-1.2. The redacted information includes the names of counterparties with whom DEC and DEP have contracted for RECs. Public disclosure of this information would harm DEC's ability to negotiate and procure cost-effective purchases and discourage potential bidders from participating in requests for proposals.

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Aug 29 2018

Because the confidential data filed on September 2, 2014 has not changed, DEC and DEP are not re-filing the confidential version of those pages. Parties to the docket may contact DEC and DEP to obtain copies pursuant to an appropriate confidentiality agreement.

If you have any questions, please let me know.

Sincerely,

A handwritten signature in black ink, appearing to read "Kendrick C. Fentress". The signature is written in a cursive, flowing style.

Kendrick C. Fentress

Enclosures

cc: Parties of Record

#### IV. COST IMPLICATIONS OF REPS COMPLIANCE PLAN

##### A. CURRENT AND PROJECTED AVOIDED COST RATES

The current avoided cost rates represent the annualized avoided cost rates in Schedule PP-N (NC), Distribution Interconnection, approved in the Commission's *Order Establishing Standard Rates and Contract Terms for Qualifying Facilities*, issued in Docket No. E-100, Sub 127 (July 27, 2011). The projected avoided cost rates represent the annualized avoided cost rates proposed by the Company in Docket No. E-100, Sub 136.

The projected avoided costs rates contained herein are subject to change, particularly as the underlying assumptions change and as the methodology for determining the avoided cost is addressed by the North Carolina Utilities Commission in pending Docket No. E-100, Sub 140. Primary assumptions that impact avoided cost rates are turbine costs, fuel price projections, and the expansion plans. Changes to these assumptions are addressed in greater detail in the current Integrated Resource Plan.

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

<b>CURRENT AVOIDED ENERGY AND CAPACITY COST (from E-100 Sub 136)</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>
<b>2015</b>	52.19	41.05	615 <sup>(3)</sup>
<b>2016</b>	50.82	41.22	615 <sup>(3)</sup>
<b>2017</b>	51.67	42.89	615 <sup>(3)</sup>

<b>PROJECTED 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>
<b>2015</b>	48.07	39.31	582
<b>2016</b>	48.31	38.32	582
<b>2017</b>	50.01	38.56	582

Notes: (1) On-peak and off-peak energy rates based on Option B hours and information and assumptions available concurrent with the 2014 IRP and derived using methodology approved in Docket No. E-100, Sub 136

(2) Capacity Cost column provides the installed CT cost with AFUDC

(3) Turbine cost agreed upon in E-100 Sub 136 settlement

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

**EXHIBIT A**

**Duke Energy Carolinas, LLC's 2014 REPS Compliance Plan  
Duke Energy Carolinas' Renewable Resource Procurement from 3<sup>rd</sup> Parties  
(signed contracts)**

**[BEGIN CONFIDENTIAL]**

Resource Supplier	Contract Duration	Estimated RECs		
		2014	2015	2016
SOLAR RESOURCES				
	5 Years*	115	115	115
	15 Years*	8,490	8,422	8,354
	15 Years*	6,791	6,737	6,683
	15 Years*	7,096	7,096	7,096
	20 Years*	415	412	408
	15 Years*	7,065	8,478	8,436
	15 Years*	8,500	8,432	8,365
	15 Years*	-	8,515	8,473
	15 Years*	3,359	3,332	3,305
	20 Years	8,000	8,000	8,000
	15 Years	3,359	3,332	3,305
	15 Years*	8,514	8,446	8,378
	5 Years	132	132	132
	5 Years	32	32	32
	5 Years	92	92	92
	5 Years	106	106	106
	5 Years*	80	80	80
	15 Years*	165	1,985	1,975
	15 Years*	707	8,478	8,436
	5 Years*	200	200	200
	15 Years*	-	8,515	8,473
	15 Years*	8,514	8,446	8,378
	5 Years*	103	103	42
	15 Years*	8,447	8,379	8,312
	15 Years*	8,475	8,407	8,340
	15 Years*	707	8,478	8,436
	5 Years*	300	300	-
	15 Years	134	134	134
	15 Years	3,359	3,332	3,305
	5 Years*	-	8,515	8,473

	15 Years*	6,838	6,784	6,729
	20 Years*	28,756	28,613	28,469
	15 Years*	240	240	240
	15 Years*	8,432	8,365	8,298
	15 Years*	8,514	8,446	8,378
	15 Years*	3,359	3,332	3,305
	15 Years*	8,478	8,410	8,343
<b>Total 3rd party solar resources</b>		<b>157,873</b>	<b>201,222</b>	<b>199,627</b>

		<b>2014</b>	<b>2015</b>	<b>2016</b>
<b>BIOMASS RESOURCES</b>				
	10 Years	217,362	217,362	217,362
	10 Years*	40,953	54,355	54,355
	15 Years*	17,067	74,475	74,475
	10 Years	15,000	15,000	15,000
	7 Years	542	8,000	8,000
	7 Years	-	5,000	30,000
	6 Years	70,000	70,000	70,000
	7 Years	97,500	60,000	60,000
	7 Years	50,000	70,000	70,000
	15 Years*	3,500	5,000	5,000
	20 Years*	11,914	11,914	11,914
	20 Years*	71,405	71,405	71,405
	20 Years*	13,000	13,000	13,000
	20 Years*	24,835	24,835	24,835
	10 Years*	20,000	20,000	34,059
	10 Years*	18,000	22,000	22,000
	9 Years*	10,500	11,000	11,500
	20 Years*	20,893	20,893	20,893
	15 Years*	16,819	16,819	16,819
	10 Years	32,331	32,331	32,331
<b>Total 3rd party biomass resources</b>		<b>751,621</b>	<b>823,389</b>	<b>862,948</b>

<b>POULTRY WASTE TO ENERGY RESOURCES</b>		<b>2014</b>	<b>2015</b>	<b>2016</b>
	7 Years	2,167	15,500	15,500
	7 Years	-	10,000	60,000
		<b>2014</b>	<b>2015</b>	<b>2016</b>
<b>POULTRY WASTE TO ENERGY RESOURCES</b>				

	6 Years	50,000	70,000	70,000
	6 Years	15,000	70,000	70,000
	10 Years	-	7,000	70,000
	Spot Purchase	100,000	-	-
	3 Years	5,000	15,000	15,000
<b>Total 3rd party poultry resources</b>		<b>172,167</b>	<b>187,500</b>	<b>300,500</b>

<b>SWINE WASTE TO ENERGY RESOURCES</b>		<b>2014</b>	<b>2015</b>	<b>2016</b>
	10 Years	512	512	512
	20 Years	4,541	4,541	4,541
	20 Years	-	11,353	11,353
	20 Years	-	-	13,624
	20 Years	4,205	4,205	4,205
	10 Years	20,828	20,000	20,000
<b>Total 3rd party swine resources</b>		<b>30,086</b>	<b>40,611</b>	<b>54,235</b>

<b>HYDRO ELECTRIC RESOURCES</b>		<b>2014</b>	<b>2015</b>	<b>2016</b>
	5 years*	16,320	16,320	16,320
	5 years*	5,000	5,000	5,000
	5 Years*	14,000	14,000	14,000
	5 Years*	350	350	350
	5 Years*	1,800	1,800	1,800
	5 years*	4,000	4,000	4,000
	5 Years*	5,000	5,000	5,000
	5 Years*	3,800	3,800	3,800
	9 Years*	12,465	12,465	12,465
	5 Years*	4,000	4,000	4,000
	5 Years*	3,200	3,200	3,200
	5 Years*	4,500	4,500	4,500
	5 Years*	9,000	9,000	9,000
	5 Years*	6,000	6,000	6,000
	5 Years*	1,500	1,500	1,500
	5 Years*	12,000	12,000	-
	5 Years*	18,000	18,000	-
	5 Years*	400	400	400
	5 Years*	1,500	1,500	1,500
	5 years*	7,000	7,000	7,000
<b>Total 3rd party hydroelectric resources</b>		<b>129,835</b>	<b>129,835</b>	<b>99,835</b>

WIND ELECTRIC RESOURCES		2014	2015	2016
	Spot Purchase	200,000	-	-
	Spot Purchase	500,000	-	-
	Spot Purchase	150,000	-	-
	Spot Purchase	100,000	-	-
<i>Total 3rd party wind resources</i>		<b>950,000</b>	-	-

Notes:

\*indicates bundle purchase of RECs and energy, as opposed to REC-only.

[END CONFIDENTIAL]

### EXHIBIT B

#### **Duke Energy Carolinas, LLC's 2014 REPS Compliance Plan Duke Energy Carolinas, LLC's EE Programs and Projected REPS Impacts**

Forecast Annual Energy Efficiency Impacts for the REPS Compliance Planning Period 2014-2016 (MWhs)			
Residential Programs	2014	2015	2016
Residential Energy Assessments	4,929	4,929	4,929
Smart Saver® for Residential Customers	43,063	46,881	47,585
Low Income Energy Efficiency and Weatherization Assistance	1,562	1,562	1,562
Energy Efficiency Education Program for Schools	5,226	5,226	5,716
Residential Retrofit Pilot	-	-	-
Appliance Recycle	16,819	16,819	16,819
Residential Neighborhood Low Income Program	8,362	8,362	8,362
My Home Energy Report	50,032	-	-
New Products	25,000	25,000	25,000
<b>Sub Total</b>	<b>154,993</b>	<b>108,780</b>	<b>109,974</b>
Non Residential Programs	2014	2015	2016
Smart Saver® for Non-Res Customers Lighting	65,275	69,216	72,730
Smart Saver® for Non-Res Customers Motors	5,698	5,983	6,282
Smart Saver® for Non-Res Customers - Other Prescriptive	77	80	84
Smart Saver® for Non-Res Customers - Energy Star Food Svc	1,066	1,369	1,363
Smart Saver® for Non-Res Customers - HVAC	5,934	6,287	6,664
Smart Saver® for Non-Res Customers - Custom Rebate	97,797	100,564	111,204
Smart Energy Now	-	-	-
New Products	25,000	25,000	25,000
<b>Sub Total</b>	<b>200,847</b>	<b>208,499</b>	<b>223,327</b>
<b>Grand Total</b>	<b>355,840</b>	<b>317,279</b>	<b>333,301</b>

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

<b>CURRENT AVOIDED ENERGY AND CAPACITY COST (from E-100 Sub 136)</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>
<b>2015</b>	46.37	37.35	615 <sup>(3)</sup>
<b>2016</b>	47.44	38.53	615 <sup>(3)</sup>
<b>2017</b>	47.05	40.20	615 <sup>(3)</sup>

<b>PROJECTED AVOIDED ENERGY AND CAPACITY COST</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>
<b>2015</b>	41.61	37.00	534
<b>2016</b>	40.72	38.67	534
<b>2017</b>	45.11	39.30	534

Notes: (1) On-peak and off-peak energy rates based on Option B hours and information and assumptions available concurrent with the 2014 IRP and derived using methodology approved in Docket No. E-100, Sub 136  
(2) Capacity Cost column provides the installed CT cost with AFUDC  
(3) Turbine cost agreed upon in E-100 Sub 136 settlement  
(4) Does not incorporate additional considerations used in rate calculation.



**EXHIBIT A**

**Duke Energy Progress, LLC's 2014 REPS Compliance Plan  
Duke Energy Progress' Renewable Resource Procurement from 3<sup>rd</sup> Parties  
(signed contracts as of July 1, 2014)**

**[BEGIN CONFIDENTIAL]**

Resource Supplier	Contract Duration	Estimated RECs		
		2014	2015	2016
SOLAR RESOURCES				
	10 years *	61	61	61
	20 years *	653	650	647
	20 years *	320	318	316
	20 years *	40	40	40
	20 years *	16	16	16
	15 years *	6,942	6,907	6,873
	15 years *	2,440	3,212	3,196
	20 years *	639	636	633
	20 years *	308	306	304
	20 years *	644	641	638
	20 years *	322	320	318
	20 years *	14	14	14
	20 years *	16	16	16
	10 years *	93	93	93
	20 years *	32	32	32
	20 years *	29	29	29

[REDACTED]	15 years *	-	4,951	4,926
[REDACTED]	20 years *	649	645	642
[REDACTED]	15 years *	2,840	8,521	8,478
[REDACTED]	15 years *	1,420	8,521	8,478
[REDACTED]	20 years *	822	818	814
[REDACTED]	20 years *	318	316	314
[REDACTED]	20 years *	318	316	314
[REDACTED]	15 years *	1,703	1,694	1,686
[REDACTED]	20 years *	1,554	1,546	1,538
[REDACTED]	15 years *	8,454	8,411	8,369
[REDACTED]	20 years *	38	38	38
[REDACTED]	20 years *	259	258	257
[REDACTED]	10 years	68	68	68
[REDACTED]	15 years *	-	7,840	7,448
[REDACTED]	20 years *	26	26	26
[REDACTED]	15 years *	2,131	7,840	7,448
[REDACTED]	15 years *	6,392	7,840	7,448
[REDACTED]	15 years *	2,440	3,212	3,196
[REDACTED]	20 years *	14	14	14
[REDACTED]	15 years *	2,826	8,478	8,436
[REDACTED]	20 years *	643	640	636
[REDACTED]	20 years *	1,645	1,637	1,629
[REDACTED]	20 years *	39	39	39

[REDACTED]	20 years *	1,425	1,418	1,411
[REDACTED]	15 years *	2,555	3,407	3,390
[REDACTED]	20 years *	100	100	99
[REDACTED]	20 years *	668	665	662
[REDACTED]	20 years *	13	13	13
[REDACTED]	20 years *	125	124	123
[REDACTED]	20 years *	317	315	313
[REDACTED]	20 years *	122	121	120
[REDACTED]	15 years *	6,817	6,783	6,749
[REDACTED]	15 years *	2,556	2,543	2,531
[REDACTED]	15 years *	101	100	100
[REDACTED]	15 years *	2,440	3,212	3,196
[REDACTED]	20 years *	647	644	641
[REDACTED]	20 years *	3,917	3,897	3,878
[REDACTED]	20 years *	321	319	317
[REDACTED]	20 years *	268	267	266
[REDACTED]	20 years *	198	197	196
[REDACTED]	20 years *	146	145	144
[REDACTED]	20 years *	257	256	255
[REDACTED]	20 years *	32	32	32
[REDACTED]	20 years *	32	32	32
[REDACTED]	20 years *	32	32	32
[REDACTED]	15 years *	3,047	3,032	3,017

██████████	15 years *	2,440	3,212	3,196
██████████████████	20 years *	14	14	14
██████████	15 years *	8,411	8,369	8,327
██████████	15 years *	8,411	8,369	8,327
██████████████████	20 years *	15	15	15
██████████████████████████	20 years *	18	18	18
██████████████████	20 years *	31	31	31
██████████████████	20 years *	15	15	15
██████████████████	15 years *	8,478	8,478	8,436
██████████████████	15 years *	8,478	8,436	8,393
██████████	15 years *	1,413	8,478	8,436
██████████████████	15 years *	-	-	28,547
██████████	15 years *	1,667	5,002	4,977
██████████████████████████	20 years *	21	21	21
██████████████████████████	20 years *	3,108	3,092	3,077
██████████████████████████	15 years *	3,407	3,390	3,373
██████████████████████████	15 years *	710	7,840	7,801
██████████	20 years *	1,423	1,416	1,409
██████████	15 years *	8,522	8,454	8,386
██████████	20 years *	1,606	1,598	1,590
██████████████████	20 years *	3,885	3,866	3,847
██████████	20 years *	644	641	638
██████████	15 years *	8,411	8,369	8,327

██████████	20 years *	648	645	642
██████████	20 years *	318	316	314
██████████	15 years *	-	5,074	5,049
██████████	20 years *	1,943	1,933	1,923
██████████	10 years*	1,265	1,259	1,253
██████████	15 years *	8,454	8,412	8,370
██████████	15 years *	1,703	1,694	3,380
██████████	20 years *	648	645	642
██████████	15 years *	3,550	8,521	8,478
██████████	15 years *	1,378	8,267	8,226
██████████	20 years *	1,533	1,525	1,517
██████████	20 years *	318	316	314
██████████	20 years *	30	30	30
██████████	20 years *	518	515	512
██████████	15 years *	2,840	8,521	8,478
██████████	15 years *	1,136	3,407	3,390
██████████	15 years *	2,947	5,052	5,027
██████████	20 years *	509	507	504
██████████	15 years *	8,411	8,369	8,327
██████████	15 years *	710	8,522	8,479
██████████	15 years *	4,261	8,522	8,479
██████████	15 years *	710	8,522	8,479
██████████	20 years *	128	127	126

[REDACTED]	15 years *	8,478	8,478	8,436
[REDACTED]	15 years *	8,522	8,479	8,437
[REDACTED]	15 years	200	200	200
[REDACTED]	15 years	270	270	270
[REDACTED]	15 years	120	120	120
[REDACTED]	15 years	50	50	50
<b>Total 3<sup>rd</sup> party solar resources</b>		<b>206,027</b>	<b>312,036</b>	<b>339,638</b>

<b>BIOMASS RESOURCES</b>		<b>2014</b>	<b>2015</b>	<b>2016</b>
[REDACTED]	6 years *	200,000	-	-
[REDACTED]	10 years *	88,780	88,780	88,780
[REDACTED]	10 years	111,298	42,000	42,000
[REDACTED]	10 years *	164,338	164,338	164,338
[REDACTED]	10 years	192,290	78,000	78,000
[REDACTED]	7 years *	321,667	321,667	321,667
[REDACTED]	20 years *	-	-	8,497
[REDACTED]	8 years	7,500	15,000	15,000
[REDACTED]	6 years *	50,000	-	-
[REDACTED]	10 years *	75,686	75,686	100,915
[REDACTED]	15 years *	13,876	13,876	13,876
[REDACTED]	16 years *	-	35,741	47,654
[REDACTED]	5 years *	19,316	-	-
[REDACTED]	10 years *	36,237	54,356	54,356
[REDACTED]	12 years *			

		20,893	20,893	20,893
	15 years *	9,695	14,542	14,542
<b>Total 3<sup>rd</sup> party biomass resources</b>		<b>1,311,576</b>	<b>924,879</b>	<b>970,518</b>

<b>SWINE WASTE TO ENERGY RESOURCES</b>		<b>2014</b>	<b>2015</b>	<b>2016</b>
	20 years	2,903	2,903	2,903
	20 years	-	7,267	7,267
	20 years	-	-	8,710
<b>Total 3<sup>rd</sup> party swine resources</b>		<b>2,903</b>	<b>10,170</b>	<b>18,880</b>

<b>POULTRY WASTE TO ENERGY RESOURCES</b>		<b>2014</b>	<b>2015</b>	<b>2016</b>
	7 years *	35,741	35,741	35,741
	20 years	-	-	76,471
	8 years	15,000	32,000	32,000
	3 years	5,000	15,000	15,000
	8 years	8,000	8,000	8,000
<b>Total 3<sup>rd</sup> party poultry resources</b>		<b>63,741</b>	<b>90,741</b>	<b>167,212</b>

<b>HYDRO ELECTRIC RESOURCES</b>		<b>2014</b>	<b>2015</b>	<b>2016</b>
	15 years *	2,661	2,661	2,661
	10 years *	18,000	18,000	18,000
	15 years *	1,927	1,927	1,927
<b>Total 3<sup>rd</sup> party hydroelectric resources</b>		<b>22,588</b>	<b>22,588</b>	<b>22,588</b>

<b>WIND ELECTRIC RESOURCES</b>		<b>2014</b>	<b>2015</b>	<b>2016</b>
	Spot purchase	80,595	-	-

[REDACTED]	Spot purchase	220,000	-	-
[REDACTED]	Spot purchase	250,000	-	-
[REDACTED]	Spot purchase	140,000	-	-
[REDACTED]	Spot purchase	210,000	-	-
[REDACTED]	Spot purchase	75,000	-	-
<b>Total 3rd party wind resources</b>		<b>975,595</b>	<b>-</b>	<b>-</b>

\*Indicates bundle purchase of RECs and energy, as opposed to REC-only purchase.  
Contract list does not include Residential SunSense Solar PV participants

[END CONFIDENTIAL]

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Aug 29 2018



### CERTIFICATE OF SERVICE

I certify that a copy of Duke Energy Carolinas, LLC's Revised Table 2 and Revised Exhibit A of its 2014 REPS Compliance Plan and Duke Energy Progress, LLC's Revised Table 2 and Revised Exhibit A of its 2014 REPS Compliance Plan in Docket No. E-100, Sub 141, has been served by electronic mail, hand delivery or by depositing a copy in the United States mail, postage prepaid to parties of record:

This is the 29<sup>th</sup> day of August, 2018.

By:   
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