

## **DEC Exhibit 12**

### **DEC's New ESS Retrofit Avoided Cost Rates**

**Docket No. E-100, Sub 175**

**DUKE ENERGY CAROLINAS, LLC**  
**New ESS Retrofit Avoided Cost Rates**  
 Uncontrolled Solar

Remaining Years	<u>Interconnected to Distribution</u>								
	<u>2 Year</u>	<u>3 Year</u>	<u>4 Year</u>	<u>5 Year</u>	<u>6 Year</u>	<u>7 Year</u>	<u>8 Year</u>	<u>9 Year</u>	<u>10 Year</u>
<b><u>Energy Credits (¢/kwh)</u></b>									
On-Peak kWh:									
a. Summer	3.53	3.41	3.35	3.32	3.28	3.28	3.42	3.55	3.66
b. Winter									
1 Morning Hours	4.18	4.12	4.13	4.05	4.15	4.19	4.24	4.30	4.34
2 Evening Hours	4.69	4.64	4.66	4.62	4.70	4.68	4.72	4.76	4.85
c. Premium Peak									
1 Summer	3.90	3.73	3.68	3.65	3.63	3.63	3.77	3.86	3.95
2 Winter	5.54	5.59	5.56	5.49	5.43	5.55	5.62	5.70	5.75
d. Shoulder	3.66	3.56	3.50	3.48	3.45	3.43	3.54	3.61	3.68
Off-Peak kWh:									
a. Summer	3.16	3.12	3.10	3.07	3.06	3.08	3.19	3.29	3.38
b. Winter	3.91	3.84	3.71	3.71	3.71	3.73	3.79	3.84	3.91
c. Shoulder	2.79	2.73	2.67	2.66	2.64	2.62	2.69	2.77	2.86
<b><u>Capacity Credits (¢/kwh)</u></b>									
a. Winter	4.95	6.63	7.50	8.04	8.41	8.69	8.91	9.09	9.24

**New ESS Retrofit Avoided Cost Rates**  
 Uncontrolled Solar

Remaining Years	<u>Interconnected to Transmission</u>								
	<u>2 Year</u>	<u>3 Year</u>	<u>4 Year</u>	<u>5 Year</u>	<u>6 Year</u>	<u>7 Year</u>	<u>8 Year</u>	<u>9 Year</u>	<u>10 Year</u>
<b><u>Energy Credits (¢/kwh)</u></b>									
On-Peak kWh:									
a. Summer	3.45	3.33	3.27	3.24	3.20	3.21	3.35	3.47	3.58
b. Winter									
1 Morning Hours	4.11	4.05	4.06	3.98	4.08	4.12	4.17	4.23	4.27
2 Evening Hours	4.60	4.56	4.58	4.54	4.62	4.60	4.64	4.68	4.77
c. Premium Peak									
1 Summer	3.81	3.64	3.60	3.56	3.55	3.55	3.68	3.77	3.85
2 Winter	5.41	5.46	5.43	5.37	5.31	5.43	5.50	5.57	5.62
d. Shoulder	3.62	3.52	3.46	3.44	3.41	3.39	3.50	3.57	3.64
Off-Peak kWh:									
a. Summer	3.12	3.08	3.06	3.03	3.02	3.04	3.15	3.25	3.34
b. Winter	3.86	3.79	3.67	3.67	3.66	3.68	3.75	3.80	3.86
c. Shoulder	2.76	2.70	2.65	2.63	2.61	2.59	2.67	2.75	2.84
<b><u>Capacity Credits (¢/kwh)</u></b>									
a. Winter	4.88	6.53	7.38	7.91	8.28	8.56	8.77	8.95	9.10

**DUKE ENERGY CAROLINAS, LLC**  
**New ESS Retrofit Avoided Cost Rates**  
Other than Uncontrolled Solar

Remaining Years	<u>Interconnected to Distribution</u>									
	<u>2 Year</u>	<u>3 Year</u>	<u>4 Year</u>	<u>5 Year</u>	<u>6 Year</u>	<u>7 Year</u>	<u>8 Year</u>	<u>9 Year</u>	<u>10 Year</u>	
<b><u>Energy Credits (¢/kwh)</u></b>										
On-Peak kWh:										
a. Summer	3.76	3.64	3.58	3.55	3.51	3.51	3.65	3.78	3.89	
b. Winter										
1 Morning Hours	4.41	4.35	4.36	4.28	4.38	4.42	4.47	4.53	4.57	
2 Evening Hours	4.92	4.87	4.89	4.85	4.93	4.91	4.95	4.99	5.08	
c. Premium Peak										
1 Summer	4.13	3.96	3.91	3.88	3.86	3.86	4.00	4.09	4.18	
2 Winter	5.77	5.82	5.79	5.72	5.66	5.78	5.85	5.93	5.98	
d. Shoulder	3.89	3.79	3.73	3.71	3.68	3.66	3.77	3.84	3.91	
Off-Peak kWh:										
a. Summer	3.39	3.35	3.33	3.30	3.29	3.31	3.42	3.52	3.61	
b. Winter	4.14	4.07	3.94	3.94	3.94	3.96	4.02	4.07	4.14	
c. Shoulder	3.02	2.96	2.90	2.89	2.87	2.85	2.92	3.00	3.09	
<b><u>Capacity Credits (¢/kwh)</u></b>										
a. Winter	4.95	6.63	7.50	8.04	8.41	8.69	8.91	9.09	9.24	

**New ESS Retrofit Avoided Cost Rates**  
Other than Uncontrolled Solar

Remaining Years	<u>Interconnected to Transmission</u>									
	<u>2 Year</u>	<u>3 Year</u>	<u>4 Year</u>	<u>5 Year</u>	<u>6 Year</u>	<u>7 Year</u>	<u>8 Year</u>	<u>9 Year</u>	<u>10 Year</u>	
<b><u>Energy Credits (¢/kwh)</u></b>										
On-Peak kWh:										
a. Summer	3.68	3.56	3.50	3.47	3.43	3.44	3.58	3.70	3.81	
b. Winter										
1 Morning Hours	4.34	4.28	4.29	4.21	4.31	4.35	4.40	4.46	4.50	
2 Evening Hours	4.83	4.79	4.81	4.77	4.85	4.83	4.87	4.91	5.00	
c. Premium Peak										
1 Summer	4.04	3.87	3.83	3.79	3.78	3.78	3.91	4.00	4.08	
2 Winter	5.64	5.69	5.66	5.60	5.54	5.66	5.73	5.80	5.85	
d. Shoulder	3.85	3.75	3.69	3.67	3.64	3.62	3.73	3.80	3.87	
Off-Peak kWh:										
a. Summer	3.35	3.31	3.29	3.26	3.25	3.27	3.38	3.48	3.57	
b. Winter	4.09	4.02	3.90	3.90	3.89	3.91	3.98	4.03	4.09	
c. Shoulder	2.99	2.93	2.88	2.86	2.84	2.82	2.90	2.98	3.07	
<b><u>Capacity Credits (¢/kwh)</u></b>										
a. Winter	4.88	6.53	7.38	7.91	8.28	8.56	8.77	8.95	9.10	