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February 23, 2018

**Via DelaFile Submission**

Ms. Donna Nickerson, Secretary  
Delaware Public Service Commission  
861 Silver Lake Boulevard  
Cannon Building, Suite 100  
Dover, DE 19904

**RE: MONTHLY FILING - IN THE MATTER OF THE APPLICATION OF DELMARVA POWER AND LIGHT COMPANY FOR APPROVAL OF QUALIFIED FUEL CELL PROVIDER PROJECT TARIFFS**

Dear Ms. Nickerson:

Included with the filing, submitted via DelaFile, is Delmarva Power's monthly computation of the Service Classification QFCP-RC charges, including current factors and reconciliation factors as required in Order No. 8136, dated April 17, 2012 in Docket 11-362 and outlined in Tariff Leaf No. 74d. The filing computes rates based on the forecasted QFCP May 2018 operations which will be utilized in the April customer billing.

As required in the Order, this filing was made at least 30 days prior to applying the QFCP-RC charges to customer bills effective billing month April, which is scheduled to begin with customer meter read and billing cycle #1 on the 1st and finish with cycle #21 on April 30<sup>th</sup>. The approved monthly rates can be found on the Delmarva Power Website at "<https://www.delmarva.com/MyAccount/MyBillUsage/Pages/DE/Electric/CurrentTariffs.aspx>" in the RPCR Table.

Please contact me at 302-429-3786 or Robert Coan at (302) 451-5287, with any questions related to this matter.

Sincerely,




Todd L. Goodman


STATE OF DELAWARE )  
 ) SS.  
COUNTY OF NEW CASTLE )

On this 13<sup>th</sup> Day of February, 2018, personally came before me, the subscriber, a Notary Public in and for the State and County Gary R. Stockbridge, President, Delmarva Power & Light Company, a corporation existing under the laws of the State of Delaware, party to this Application, known to me personally to be such, and acknowledged this Application to be his act and deed and the act and deed of such Corporation, that the signature of such President is in his own proper handwriting, and that the facts set forth in this Application are true and correct to the best of his knowledge and belief.

REGARDING: Qualified Fuel Cell Provider Monthly tariff updates.

  
\_\_\_\_\_  
Gary R. Stockbridge  
President – Delmarva Power

SWORN TO AND SUBSCRIBED before me this 13<sup>th</sup> day of February 2018,

  
\_\_\_\_\_  
Notary Public Notary Public Officer No. 013 3096 (Teddy Goodman)

My Commission expires: NA

**RJC-1**  
**Delmarva Power & Light Company**  
**Fuel Cell - Renewable Capable Power Production - Monthly Rate Calculation**  
**May 2018 Projection (To be billed in April 2018)**

Line										
1	<b>Table 1</b> Forecasted QFCP Revenues and Costs									
2										
3	<u>May 2018</u>									
4										
5	Contract Cost		\$	3,650,601						
6	less Market -Based Revenue		\$	613,798						
7	Above Market QFCP Costs (Margin)		\$	3,036,803						
8										
9	Administrative and Other O&M charges		\$	9,000						
10										
11	(Less) Plus Carrying Charge		\$	(635)						
12										
13	Net QFCP Project Charge		\$	3,045,169						
14	(Less) plus prior month(s) true-up		\$	844,731						
15	Monthly QFCP Project Charge		\$	3,889,899						
	Checksum vs Forecast Tab should be 0 ==>									\$ -
Voltage Level Loss (DPL Zone Loss Factors) -										
Adjustment Factor										
16	RESIDENTIAL			1.07820						
17	RES SPACE HEAT			1.07820						
18	Res TOU ND			1.07820						
19	SGS			1.07820						
20	MGS			1.07820						
21	LGS			1.07820						
22	GSP			1.05669						
23	GST			1.03193						
24										
25		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
26	<b>Table 3 Rate Calculation</b>	<b>April 2018</b>		= Col. 1 x Col. 2	= Col. 3 Lines 28-41 / Col. 3	= Col. 4 x Line 15	= Col. 5 / Col. 2	RCF/(1-RCF*UNC Factor)	= Col. 6 x Col. 7	
27	Rate Class	Loss Factor	Sales @ Customer (kWh) (BD)	Sales @ Bulk System - Including Losses	Allocation Factor	Allocated Revenue Requirements	QFCP Rate (\$/kWh)	Revenue Conversion Factor Inc Uncollectable	Final QFCP Rate (\$/kWh)	
28	Residential	1.07820	137,578,674	148,337,326	0.2407	\$ 936,202	\$ 0.006805	1.016456	\$ 0.006917	
29	Residential- Space Heating	1.07820	64,133,712	69,148,968	0.1122	\$ 436,420	\$ 0.006805	1.016456	\$ 0.006917	
30	Residential Time-of-Use "R-TOU" (Deleted 5/1/2014)		-							
31	Residential Time-of-Use NON-Demand "R-TOU-ND"	1.07820	172,495	185,984	0.0003	\$ 1,174	\$ 0.006805	1.016456	\$ 0.006917	
32	Small General Service - Sec Non-Demand "SGS-ND"	1.07820	10,689,152	11,525,043	0.0187	\$ 72,738	\$ 0.006805	1.016456	\$ 0.006917	
33	Space Heating Sec Serv "SGS-ND" and "MGS-S"	1.07820	1,698,750	1,831,593	0.0030	\$ 11,560	\$ 0.006805	1.016456	\$ 0.006917	
34	Water Heating Sec Serv "SGS-ND" and "MGS-S"	1.07820	63,117	68,052	0.0001	\$ 429	\$ 0.006805	1.016456	\$ 0.006917	
35	Outdoor Recreational Lighting Svc - Sec "ORL"	1.07820	42,944	46,302	0.0001	\$ 292	\$ 0.006805	1.016456	\$ 0.006917	
36	Medium General Service - Secondary "MGS-S"	1.07820	88,626,734	95,557,345	0.1550	\$ 603,092	\$ 0.006805	1.016456	\$ 0.006917	
37	Large General Service - Secondary "LGS-S"	1.07820	44,399,727	47,871,786	0.0777	\$ 302,133	\$ 0.006805	1.016456	\$ 0.006917	
38	General Service - Primary "GS-P"	1.05669	177,510,341	187,573,402	0.3043	\$ 1,183,833	\$ 0.006669	1.016456	\$ 0.006779	
39	General Service - Transmission "GS-T"	1.03193	48,463,891	50,011,343	0.0811	\$ 315,637	\$ 0.006513	1.016456	\$ 0.006620	
40	PL	1.07820	937,633	1,010,956	0.0016	\$ 6,380	\$ 0.006805	1.016456	\$ 0.006917	
41	SL	1.07820	2,940,369	3,170,306	0.0051	\$ 20,009	\$ 0.006805	1.016456	\$ 0.006917	
42		<b>Total kWh</b>	<b>577,257,538</b>	<b>616,338,406</b>	<b>1.0000</b>	<b>\$ 3,889,899</b>				
43										\$ - <=Checksum vs Forecast should be zero

**RJC-2**  
**Delmarva Power & Light Company**  
**Fuel Cell - Renewable Capable Power Production**  
**May 2018 Projection (To be billed in April 2018)**

	Projected Dec-17	Projected Jan-18	Projected Feb-18	Projected Mar-18	Projected Apr-18	Projected May-18
<b>1 Costs</b>						
<b>2 QFCP – Renewable Capable Power Production</b>						
3 Contract Price	\$ 166.87	\$ 166.87	\$ 166.87	\$ 166.87	\$ 166.87	\$ 166.87
4 Projected Output Rate (MW)	25.7	26.0	26.0	26.0	26.0	26.1
5 Maximum Monthly Hours of Production	744	744	672	744	720	744
6 Total Contract Costs	\$ 3,184,480	\$ 3,221,726	\$ 2,909,946	\$ 3,232,899	\$ 3,128,612	\$ 3,240,348
7						
<b>8 Gas Supply Costs</b>						
9 Gas Monthly Fixed Costs	\$ 52,106	\$ 52,106	\$ 52,106	\$ 52,106	\$ 52,106	\$ 52,106
10 Gas Cost per Dt	\$ 4.07	\$ 5.94	\$ 6.11	\$ 3.45	\$ 2.56	\$ 2.38
11 Heat rate	7.65	7.65	7.65	7.46	7.39	7.39
12 Monthly Gas Requirements (Dt) (=Line 4 x Line 5 x Line 11)	145,990	147,697	133,404	144,509	138,479	143,424
13 Monthly Cost of Gas=(Line 10 x Line 12)+Line 9+Tax	\$ 673,066	\$ 968,927	\$ 904,282	\$ 573,463	\$ 423,489	\$ 410,253
14						
15 Gas Tracking - Banking Penalty	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
16						
17 Administrative and Other O&M charges	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000
18 Other Indirect Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
19 Total Administrative and Other O&M costs	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000
20						
<b>21 Revenues</b>						
<b>22 PJM Energy Revenue</b>						
23 Estimated Max Monthly Output (MWh)	22,320	22,320	20,160	22,320	21,600	22,320
24 Estimated Unit Capacity Factor	0.855	0.865	0.865	0.868	0.868	0.870
25 Forecasted Monthly Output (=Line 23 x Line 24)	19,084	19,307	17,438	19,374	18,749	19,418
26 LMP @ DPL N Zone (assumed)	\$ 26.31	\$ 48.51	\$ 47.00	\$ 31.14	\$ 22.62	\$ 24.13
27 Total PJM Energy Revenue per month (Line 25 x Line 26)	\$ 502,056	\$ 936,664	\$ 819,593	\$ 603,388	\$ 424,154	\$ 468,492
28						
<b>29 PJM Capacity Revenue</b>						
30 Contract Capacity from PJM	\$ 134,366	\$ 134,366	\$ 121,363	\$ 134,366	\$ 130,032	\$ 134,366
31 Other PJM Revenue and Expenses	\$ 10,940	\$ 10,940	\$ 10,940	\$ 10,940	\$ 10,940	\$ 10,940
32 Total Capacity Revenue per Month	\$ 145,306	\$ 145,306	\$ 132,303	\$ 145,306	\$ 140,972	\$ 145,306
33						
<b>34 (Less) plus prior month(s) true-up</b>						
35 Retail Revenue Deferral+Actual vs Forecast	(36,551)	(129,405)	(48,823)	161,140	24,188	844,731
36						
<b>37 (Less) Plus Carrying Charge</b>	\$ 107	\$ 53	\$ 131	\$ 276	\$ 67	\$ (635)
38						
<b>39 Monthly QFCP Project Charge</b>	\$ 3,182,741	\$ 2,988,332	\$ 2,822,641	\$ 3,228,083	\$ 3,020,230	\$ 3,889,899
40 Contract+Gas Cost-Banking+Admin-Revenue+/-True Up+/- Interest						
41						
<b>42 QFCP-RC Rates</b>	<b>Rates Nov-17</b>	<b>Rates Dec-17</b>	<b>Rates Jan-18</b>	<b>Rates Feb-18</b>	<b>Rates Mar-18</b>	<b>Rates Apr-18</b>
43 Residential	\$ 0.005828	\$ 0.004711	\$ 0.003783	\$ 0.004786	\$ 0.004357	\$ 0.006917
44 Residential- Space Heating	\$ 0.005828	\$ 0.004711	\$ 0.003783	\$ 0.004786	\$ 0.004357	\$ 0.006917
45 Residential Time-of-Use "R-TOU" (Deleted 5/1/2014)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
46 Residential Time-of-Use NON-Demand "R-TOU-ND"	\$ 0.005828	\$ 0.004711	\$ 0.003783	\$ 0.004786	\$ 0.004357	\$ 0.006917
47 Small General Service - Sec Non-Demand "SGS-ND"	\$ 0.005828	\$ 0.004711	\$ 0.003783	\$ 0.004786	\$ 0.004357	\$ 0.006917
48 Space Heating Sec Service "SGS-ND" and "MGS-S"	\$ 0.005828	\$ 0.004711	\$ 0.003783	\$ 0.004786	\$ 0.004357	\$ 0.006917
49 Water Heating Sec Service "SGS-ND" and "MGS-S"	\$ 0.005828	\$ 0.004711	\$ 0.003783	\$ 0.004786	\$ 0.004357	\$ 0.006917
50 Outdoor Recreational Lighting Svc - Secondary "ORL"	\$ 0.005828	\$ 0.004711	\$ 0.003783	\$ 0.004786	\$ 0.004357	\$ 0.006917
51 Medium General Service - Secondary "MGS-S"	\$ 0.005828	\$ 0.004711	\$ 0.003783	\$ 0.004786	\$ 0.004357	\$ 0.006917
52 Large General Service - Secondary "LGS-S"	\$ 0.005828	\$ 0.004711	\$ 0.003783	\$ 0.004786	\$ 0.004357	\$ 0.006917
53 General Service - Primary "GS-P"	\$ 0.005712	\$ 0.004617	\$ 0.003707	\$ 0.004691	\$ 0.004270	\$ 0.006779
54 General Service - Transmission "GS-T"	\$ 0.005578	\$ 0.004508	\$ 0.003621	\$ 0.004581	\$ 0.004170	\$ 0.006620
55 Outdoor Lighting PL	\$ 0.005828	\$ 0.004711	\$ 0.003783	\$ 0.004786	\$ 0.004357	\$ 0.006917
56 Outdoor Lighting SL	\$ 0.005828	\$ 0.004711	\$ 0.003783	\$ 0.004786	\$ 0.004357	\$ 0.006917