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July 20, 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 October 2018 operations which will be utilized in the September 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 September, which is scheduled to begin with customer meter read and billing cycle #1 on the 1st and finish with cycle #21 on September 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 20<sup>th</sup> Day of JULY, 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 20<sup>th</sup> day of July 2018,



Kathy Ann S. Martin  
Notary Public

My Commission expires: 1-5-19

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

Line	Forecasted QFCP Revenues and Costs		
1	<b>Table 1</b>		
2			
3	<b>October 2018</b>		
4			
5	Contract Cost	\$ 3,616,976	
6	less Market -Based Revenue	\$ 610,960	
7	Above Market QFCP Costs (Margin)	\$ 3,006,017	
8			
9	Administrative and Other O&M charges	\$ 5,000	
10			
11	(Less) Plus Carrying Charge	\$ (215)	
12			
13	Net QFCP Project Charge	\$ 3,010,802	
14	(Less) plus prior month(s) true-up	\$ (179,453)	
15	Monthly QFCP Project Charge	\$ 2,831,349	
			Checksum vs Forecast Tab should be 0 ==> \$ -

Line	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

Line	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
25								
26	<b>Table 3 Rate Calculation</b>		September 2018	= 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

Line	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)	
27	Rate Class								
28	Residential	1.07820	198,847,264	0.3066	\$ 868,037	\$ 0.004365	1.013931	\$ 0.004426	
29	Residential- Space Heating	1.07820	82,833,189	0.1277	\$ 361,596	\$ 0.004365	1.013931	\$ 0.004426	
30	Residential Time-of-Use "R-TOU" (Deleted 5/1/2014)		-						
31	Residential Time-of-Use NON-Demand "R-TOU-ND"	1.07820	291,364	0.0004	\$ 1,272	\$ 0.004365	1.013931	\$ 0.004426	
32	Small General Service - Sec Non-Demand "SGS-ND"	1.07820	11,264,259	0.0174	\$ 49,172	\$ 0.004365	1.013931	\$ 0.004426	
33	Space Heating Sec Serv "SGS-ND" and "MGS-S"	1.07820	1,633,598	0.0025	\$ 7,131	\$ 0.004365	1.013931	\$ 0.004426	
34	Water Heating Sec Serv "SGS-ND" and "MGS-S"	1.07820	62,852	0.0001	\$ 274	\$ 0.004365	1.013931	\$ 0.004426	
35	Outdoor Recreational Lighting Svc - Sec "ORL"	1.07820	46,733	0.0001	\$ 204	\$ 0.004365	1.013931	\$ 0.004426	
36	Medium General Service - Secondary "MGS-S"	1.07820	96,834,715	0.1493	\$ 422,717	\$ 0.004365	1.013931	\$ 0.004426	
37	Large General Service - Secondary "LGS-S"	1.07820	50,403,731	0.0777	\$ 220,030	\$ 0.004365	1.013931	\$ 0.004426	
38	General Service - Primary "GS-P"	1.05669	174,116,557	0.2631	\$ 744,916	\$ 0.004278	1.013931	\$ 0.004338	
39	General Service - Transmission "GS-T"	1.03193	33,009,222	0.0487	\$ 137,913	\$ 0.004178	1.013931	\$ 0.004236	
40	PL	1.07820	1,198,135	0.0018	\$ 5,230	\$ 0.004365	1.013931	\$ 0.004426	
41	SL	1.07820	2,945,207	0.0045	\$ 12,857	\$ 0.004365	1.013931	\$ 0.004426	
42	<b>Total kWh</b>		<b>653,486,827</b>	<b>1.0000</b>	<b>\$ 2,831,349</b>				
43							\$ -	<=Checksum vs Forecast should be zero	

**RJC-2**  
**Delmarva Power & Light Company**  
**Fuel Cell – Renewable Capable Power Production**

**October 2018 Projection (To be billed in September 2018)**

	Projected May-18	Projected Jun-18	Projected Jul-18	Projected Aug-18	Projected Sep-18	Projected Oct-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)	26.1	26.1	26.1	26.0	26.0	25.8
5 Maximum Monthly Hours of Production	744	720	744	744	720	744
6 Total Contract Costs	\$ 3,240,348	\$ 3,131,015	\$ 3,235,382	\$ 3,232,899	\$ 3,128,612	\$ 3,203,103
<b>7</b>						
<b>8 Gas Supply Costs</b>						
9 Gas Monthly Fixed Costs	\$ 52,106	\$ 48,819	\$ 48,819	\$ 48,819	\$ 49,550	\$ 49,550
10 Gas Cost per Dt	\$ 2.38	\$ 2.58	\$ 2.61	\$ 2.71	\$ 2.51	\$ 2.43
11 Heat rate	7.39	7.39	7.39	7.46	7.39	7.46
12 Monthly Gas Requirements (Dt) (=Line 4xLine 5xLine 11)	143,424	138,585	143,204	144,528	138,554	143,196
13 Monthly Cost of Gas= (Line 10 x Line 12)+Line 9+Tax	\$ 410,253	\$ 423,524	\$ 440,229	\$ 459,739	\$ 414,870	\$ 413,873
<b>14</b>						
15 Gas Tracking - Banking Penalty	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>16</b>						
17 Administrative and Other O&M charges	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000	\$ 5,000	\$ 5,000
18 Other Indirect Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
19 Total Administrative and Other O&M costs	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000	\$ 5,000	\$ 5,000
<b>20</b>						
<b>21 Revenues</b>						
<b>22 PJM Energy Revenue</b>						
23 Estimated Max Monthly Output (MWh)	22,320	21,600	22,320	22,320	21,600	22,320
24 Estimated Unit Capacity Factor	0.870	0.869	0.869	0.868	0.868	0.860
25 Forecasted Monthly Output (=Line 23 x Line 24)	19,418	18,763	19,389	19,374	18,749	19,195
26 LMP @ DPL N Zone (assumed)	\$ 24.13	\$ 23.38	\$ 28.04	\$ 26.88	\$ 21.11	\$ 21.79
27 Total PJM Energy Revenue per month (Line 25 x Line 26)	\$ 468,492	\$ 438,693	\$ 543,714	\$ 520,692	\$ 395,739	\$ 418,287
<b>28</b>						
<b>29 PJM Capacity Revenue</b>						
30 Contract Capacity from PJM	\$ 134,366	\$ 175,871	\$ 181,734	\$ 181,734	\$ 175,871	\$ 181,734
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	\$ 186,811	\$ 192,673	\$ 192,673	\$ 186,811	\$ 192,673
<b>33</b>						
<b>34 (Less) plus prior month(s) true-up</b>						
35 Retail Revenue Deferral+Actual vs Forecast	844,731	214,681	183,101	(7,043)	(574,751)	(179,453)
<b>36</b>						
<b>37 (Less) Plus Carrying Charge</b>	\$ (635)	\$ 376	\$ 506	\$ 288	\$ (802)	\$ (215)
<b>38</b>						
<b>39 Monthly QFCP Project Charge</b>	\$ 3,889,899	\$ 3,153,092	\$ 3,131,832	\$ 2,981,518	\$ 2,390,379	\$ 2,831,349
40 Contract+Gas Cost-Banking+Admin-Revenue+/-True Up+/- Interest						
<b>41</b>						
<b>42 QFCP-RC Rates</b>						
43 Residential	\$ 0.006917	\$ 0.005684	\$ 0.005007	\$ 0.004192	\$ 0.003039	\$ 0.004426
44 Residential- Space Heating	\$ 0.006917	\$ 0.005684	\$ 0.005007	\$ 0.004192	\$ 0.003039	\$ 0.004426
45 Residential Time-of-Use "R-TOU" (Deleted 5/1/2014)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
46 Residential Time-of-Use NON-Demand "R-TOU-ND"	\$ 0.006917	\$ 0.005684	\$ 0.005007	\$ 0.004192	\$ 0.003039	\$ 0.004426
47 Small General Service - Sec Non-Demand "SGS-ND"	\$ 0.006917	\$ 0.005684	\$ 0.005007	\$ 0.004192	\$ 0.003039	\$ 0.004426
48 Space Heating Sec Service "SGS-ND" and "MGS-S"	\$ 0.006917	\$ 0.005684	\$ 0.005007	\$ 0.004192	\$ 0.003039	\$ 0.004426
49 Water Heating Sec Service "SGS-ND" and "MGS-S"	\$ 0.006917	\$ 0.005684	\$ 0.005007	\$ 0.004192	\$ 0.003039	\$ 0.004426
50 Outdoor Recreational Lighting Svc - Secondary "ORL"	\$ 0.006917	\$ 0.005684	\$ 0.005007	\$ 0.004192	\$ 0.003039	\$ 0.004426
51 Medium General Service - Secondary "MGS-S"	\$ 0.006917	\$ 0.005684	\$ 0.005007	\$ 0.004192	\$ 0.003039	\$ 0.004426
52 Large General Service - Secondary "LGS-S"	\$ 0.006917	\$ 0.005684	\$ 0.005007	\$ 0.004192	\$ 0.003039	\$ 0.004426
53 General Service - Primary "GS-P"	\$ 0.006779	\$ 0.005571	\$ 0.004907	\$ 0.004108	\$ 0.002979	\$ 0.004338
54 General Service - Transmission "GS-T"	\$ 0.006620	\$ 0.005440	\$ 0.004792	\$ 0.004012	\$ 0.002909	\$ 0.004236
55 Outdoor Lighting PL	\$ 0.006917	\$ 0.005684	\$ 0.005007	\$ 0.004192	\$ 0.003039	\$ 0.004426
56 Outdoor Lighting SL	\$ 0.006917	\$ 0.005684	\$ 0.005007	\$ 0.004192	\$ 0.003039	\$ 0.004426