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March 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:

Please see the attached monthly Qualified Fuel Cell filing. Included with the filing 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 June 2018 operations, which will be utilized in the May customer billing.

As required, this filing has been made at least 30 days prior to applying the QFCP-RC charges to customer bills effective in the billing month of May, which is scheduled to begin with customer meter read and billing cycle #1 on May 1<sup>st</sup> and finish with cycle #21 on May 31<sup>st</sup>. The 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 feel free to contact either me at 302-429-3786 or Robert Coan at (302) 451-5287, if you have any questions related to this matter.

Respectfully,

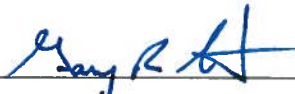
  
Todd L. Goodman

att.

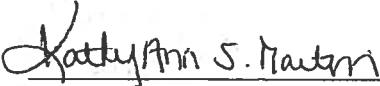
STATE OF DELAWARE            )  
  )  
COUNTY OF NEW CASTLE        )        SS.

On this 16<sup>th</sup> Day of March, 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 16<sup>th</sup> day of March, 2018,

  
\_\_\_\_\_  
Notary Public

My Commission expires: 1-5-19

**RJC-1  
Delmarva Power & Light Company  
February 2018 Actual Billed Revenue**

**June 2018 Projection (To be billed in May 2018)**

<b>Line</b>	<b>Table 1</b>	Forecasted QFCP Revenues and Costs	
1			
2			
3		<u>June 2018</u>	
4			
5	Contract Cost	\$	3,554,539
6	less Market -Based Revenue	\$	625,504
7	Above Market QFCP Costs (Margin)	\$	2,929,035
8			
9	Administrative and Other O&M charges	\$	9,000
10			
11	(Less) Plus Carrying Charge	\$	376
12			
13	Net QFCP Project Charge	\$	2,938,411
14	(Less) plus prior month(s) true-up	\$	214,681
15	Monthly QFCP Project Charge	\$	3,153,092
			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

25		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
					= Col. 3 Lines 28- 41 / Col. 3			RCF/(1- RCF*UNC Factor)	
26	<b>Table 3 Rate Calculation</b>	<b>May 2018</b>		= Col. 1 x Col. 2	Line 42	= Col. 4 x Line 15	2	= Col. 5 / Col. 2	= 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	135,460,391	146,053,394	0.2409	\$ 759,435	\$ 0.005606	1.013931	\$ 0.005684
29	Residential- Space Heating	1.07820	52,219,249	56,302,794	0.0928	\$ 292,758	\$ 0.005606	1.013931	\$ 0.005684
30	Residential Time-of-Use "R-TOU" (Deleted 5/1/2014)		-						
31	Residential Time-of-Use NON-Demand "R-TOU-ND"	1.07820	197,372	212,806	0.0004	\$ 1,107	\$ 0.005606	1.013931	\$ 0.005684
32	Small General Service - Sec Non-Demand "SGS-ND"	1.07820	11,078,974	11,945,350	0.0197	\$ 62,112	\$ 0.005606	1.013931	\$ 0.005684
33	Space Heating Sec Serv "SGS-ND" and "MGS-S"	1.07820	1,606,334	1,731,949	0.0029	\$ 9,006	\$ 0.005606	1.013931	\$ 0.005684
34	Water Heating Sec Serv "SGS-ND" and "MGS-S"	1.07820	61,803	66,636	0.0001	\$ 346	\$ 0.005606	1.013931	\$ 0.005684
35	Outdoor Recreational Lighting Svc - Sec "ORL"	1.07820	45,953	49,547	0.0001	\$ 258	\$ 0.005606	1.013931	\$ 0.005684
36	Medium General Service - Secondary "MGS-S"	1.07820	95,349,786	102,806,139	0.1695	\$ 534,562	\$ 0.005606	1.013931	\$ 0.005684
37	Large General Service - Secondary "LGS-S"	1.07820	49,651,548	53,534,299	0.0883	\$ 278,363	\$ 0.005606	1.013931	\$ 0.005684
38	General Service - Primary "GS-P"	1.05669	179,627,612	189,810,702	0.3130	\$ 986,960	\$ 0.005494	1.013931	\$ 0.005571
39	General Service - Transmission "GS-T"	1.03193	38,318,036	39,541,531	0.0652	\$ 205,604	\$ 0.005366	1.013931	\$ 0.005440
40	PL	1.07820	1,108,039	1,194,688	0.0020	\$ 6,212	\$ 0.005606	1.013931	\$ 0.005684
41	SL	1.07820	2,919,822	3,148,152	0.0052	\$ 16,369	\$ 0.005606	1.013931	\$ 0.005684
42	<b>Total kWh</b>		<b>567,644,920</b>	<b>606,397,987</b>	<b>1.0000</b>	<b>\$ 3,153,092</b>			
43						\$ -		<=Checksum vs Forecast should be zero	

**RJC-2**  
**Delmarva Power & Light Company**  
**February 2018 Actual Billed Revenue**

**June 2018 Projection (To be billed in May 2018)**

	Projected Jan-18	Projected Feb-18	Projected Mar-18	Projected Apr-18	Projected May-18	Projected Jun-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)	26.0	26.0	26.0	26.0	26.1	26.1
5 Maximum Monthly Hours of Production	744	672	744	720	744	720
6 Total Contract Costs	\$ 3,221,726	\$ 2,909,946	\$ 3,232,899	\$ 3,128,612	\$ 3,240,348	\$ 3,131,015
<b>7</b>						
<b>8 Gas Supply Costs</b>						
9 Gas Monthly Fixed Costs	\$ 52,106	\$ 52,106	\$ 52,106	\$ 52,106	\$ 52,106	\$ 48,819
10 Gas Cost per Dt	\$ 5.94	\$ 6.11	\$ 3.45	\$ 2.56	\$ 2.38	\$ 2.58
11 Heat rate	7.65	7.65	7.46	7.39	7.39	7.39
12 Monthly Gas Requirements (Dt) (=Line 4 x Line 5 x Line 11)	147,697	133,404	144,509	138,479	143,424	138,585
13 Monthly Cost of Gas=(Line 10 x Line 12)+Line 9+Tax	\$ 968,927	\$ 904,282	\$ 573,463	\$ 423,489	\$ 410,253	\$ 423,524
<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	\$ 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
<b>20</b>						
<b>21 Revenues</b>						
<b>22 PJM Energy Revenue</b>						
23 Estimated Max Monthly Output (MWh)	22,320	20,160	22,320	21,600	22,320	21,600
24 Estimated Unit Capacity Factor	0.865	0.865	0.868	0.868	0.870	0.869
25 Forecasted Monthly Output (=Line 23 x Line 24)	19,307	17,438	19,374	18,749	19,418	18,763
26 LMP @ DPL N Zone (assumed)	\$ 48.51	\$ 47.00	\$ 31.14	\$ 22.62	\$ 24.13	\$ 23.38
27 Total PJM Energy Revenue per month (Line 25 x Line 26)	\$ 936,664	\$ 819,593	\$ 603,388	\$ 424,154	\$ 468,492	\$ 438,693
<b>28</b>						
<b>29 PJM Capacity Revenue</b>						
30 Contract Capacity from PJM	\$ 134,366	\$ 121,363	\$ 134,366	\$ 130,032	\$ 134,366	\$ 175,871
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	\$ 132,303	\$ 145,306	\$ 140,972	\$ 145,306	\$ 186,811
<b>33</b>						
<b>34 (Less) plus prior month(s) true-up</b>						
35 Retail Revenue Deferral+Actual vs Forecast	(129,405)	(48,823)	161,140	24,188	844,731	214,681
<b>36</b>						
<b>37 (Less) Plus Carrying Charge</b>	\$ 53	\$ 131	\$ 276	\$ 67	\$ (635)	\$ 376
<b>38</b>						
<b>39 Monthly QFCP Project Charge</b>	\$ 2,988,332	\$ 2,822,641	\$ 3,228,083	\$ 3,020,230	\$ 3,889,899	\$ 3,153,092
40 Contract+Gas Cost-Banking+Admin-Revenue+/-True Up+/- Interest						
<b>41</b>						
<b>42 QFCP-RC Rates</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>	<b>Rates May-18</b>
43 Residential	\$ 0.004711	\$ 0.003783	\$ 0.004786	\$ 0.004357	\$ 0.006917	\$ 0.005684
44 Residential- Space Heating	\$ 0.004711	\$ 0.003783	\$ 0.004786	\$ 0.004357	\$ 0.006917	\$ 0.005684
45 Residential Time-of-Use "R-TOU" (Deleted 5/1/2014)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
46 Residential Time-of-Use NON-Demand "R-TOU-ND"	\$ 0.004711	\$ 0.003783	\$ 0.004786	\$ 0.004357	\$ 0.006917	\$ 0.005684
47 Small General Service - Sec Non-Demand "SGS-ND"	\$ 0.004711	\$ 0.003783	\$ 0.004786	\$ 0.004357	\$ 0.006917	\$ 0.005684
48 Space Heating Sec Service "SGS-ND" and "MGS-S"	\$ 0.004711	\$ 0.003783	\$ 0.004786	\$ 0.004357	\$ 0.006917	\$ 0.005684
49 Water Heating Sec Service "SGS-ND" and "MGS-S"	\$ 0.004711	\$ 0.003783	\$ 0.004786	\$ 0.004357	\$ 0.006917	\$ 0.005684
50 Outdoor Recreational Lighting Svc - Secondary "ORL"	\$ 0.004711	\$ 0.003783	\$ 0.004786	\$ 0.004357	\$ 0.006917	\$ 0.005684
51 Medium General Service - Secondary "MGS-S"	\$ 0.004711	\$ 0.003783	\$ 0.004786	\$ 0.004357	\$ 0.006917	\$ 0.005684
52 Large General Service - Secondary "LGS-S"	\$ 0.004711	\$ 0.003783	\$ 0.004786	\$ 0.004357	\$ 0.006917	\$ 0.005684
53 General Service - Primary "GS-P"	\$ 0.004617	\$ 0.003707	\$ 0.004691	\$ 0.004270	\$ 0.006779	\$ 0.005571
54 General Service - Transmission "GS-T"	\$ 0.004508	\$ 0.003621	\$ 0.004581	\$ 0.004170	\$ 0.006620	\$ 0.005440
55 Outdoor Lighting PL	\$ 0.004711	\$ 0.003783	\$ 0.004786	\$ 0.004357	\$ 0.006917	\$ 0.005684
56 Outdoor Lighting SL	\$ 0.004711	\$ 0.003783	\$ 0.004786	\$ 0.004357	\$ 0.006917	\$ 0.005684