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June 24 2016

**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**

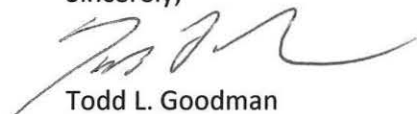
Dear Ms. Nickerson:

Attached please find 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 September operations which will be utilized in the August 2016 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 August 2016, which is scheduled to begin with customer meter read and billing cycle #1 on the 1st and finish with cycle #21 on August 31st. The approved monthly rates can be found on the Delmarva Power Website at "<http://www.delmarva.com/my-home/choices-and-rates/delaware/tariffs>" in the RPCR Table.

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

Sincerely,



Todd L. Goodman

Att.

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

On this 22 Day of June, 2016, personally came before me, the subscriber, a Notary Public in and for the State and County aforesaid Michael J. Sullivan, Sr. Vice 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 Sr. Vice 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.



Michael J. Sullivan  
Sr. Vice President - Delmarva Power

SWORN TO AND SUBSCRIBED before me this 22 day of June 2016,

  
Notary Public T. L. Gordon Bar L. 3096

My Commission expires: N.A.

**RJC-1**  
**Delmarva Power & Light Company**  
**Fuel Cell – Renewable Capable Power Production - Monthly Rate Calculation**  
**September 2016 Projection (To be billed in August 2016)**

Line	Forecasted QFCP Revenues and Costs		
1	<b>Table 1</b>		
2			
3	<u>September 2016</u>		
4			
5	Contract Cost	\$ 3,472,228	
6	less Market -Based Revenue	\$ 556,992	
7	Above Market QFCP Costs (Margin)	\$ 2,915,237	
8			
9	Administrative and Other O&M charges	\$ 9,000	
10			
11	(Less) Plus Carrying Charge	\$ 147	
12			
13	Net QFCP Project Charge	\$ 2,924,383	
14	(Less) plus prior month(s) true-up	\$ 306,674	
15	Monthly QFCP Project Charge	\$ 3,231,057	
			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>		= 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	235,930,423	254,380,182	0.2929	\$ 946,453	\$ 0.004012	1.013223	\$ 0.004065
29	Residential- Space Heating	1.07820	93,172,014	100,458,065	0.1157	\$ 373,767	\$ 0.004012	1.013223	\$ 0.004065
30	Residential Time-of-Use "R-TOU" (Deleted 5/1/2014)		-						
31	Residential Time-of-Use NON-Demand "R-TOU-ND"	1.07820	137,556	148,313	0.0002	\$ 552	\$ 0.004012	1.013223	\$ 0.004065
32	Small General Service - Sec Non-Demand "SGS-ND"	1.07820	12,183,623	13,136,383	0.0151	\$ 48,876	\$ 0.004012	1.013223	\$ 0.004065
33	Space Heating Sec Serv "SGS-ND" and "MGS-S"	1.07820	2,051,628	2,212,065	0.0025	\$ 8,230	\$ 0.004012	1.013223	\$ 0.004065
34	Water Heating Sec Serv "SGS-ND" and "MGS-S"	1.07820	45,625	49,193	0.0001	\$ 183	\$ 0.004012	1.013223	\$ 0.004065
35	Outdoor Recreational Lighting Svc - Sec "ORL"	1.07820	55,684	60,039	0.0001	\$ 223	\$ 0.004012	1.013223	\$ 0.004065
36	Medium General Service - Secondary "MGS-S"	1.07820	115,162,790	124,168,520	0.1430	\$ 461,985	\$ 0.004012	1.013223	\$ 0.004065
37	Large General Service - Secondary "LGS-S"	1.07820	56,987,951	61,444,409	0.0708	\$ 228,612	\$ 0.004012	1.013223	\$ 0.004065
38	General Service - Primary "GS-P"	1.05669	253,282,869	267,641,475	0.3082	\$ 995,794	\$ 0.003932	1.013223	\$ 0.003984
39	General Service - Transmission "GS-T"	1.03193	39,577,622	40,841,336	0.0470	\$ 151,955	\$ 0.003839	1.013223	\$ 0.003890
40	PL	1.07820	1,234,180	1,330,693	0.0015	\$ 4,951	\$ 0.004012	1.013223	\$ 0.004065
41	SL	1.07820	2,362,307	2,547,039	0.0029	\$ 9,477	\$ 0.004012	1.013223	\$ 0.004065
42	<b>Total kWh</b>		<b>812,184,273</b>	<b>868,417,712</b>	<b>1.0000</b>	<b>\$ 3,231,057</b>			
43							\$ -	<=Checksum vs Forecast should be zero	

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

**September 2016 Projection (To be billed in August 2016)**

	Projected Apr-16	Projected May-16	Projected Jun-16	Projected Jul-16	Projected Aug-16	Projected Sep-16
<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)	25.8	25.8	25.8	26.0	26.1	26.1
5 Maximum Monthly Hours of Production	720	744	720	744	744	720
6 Total Contract Costs	\$ 3,099,777	\$ 3,203,103	\$ 3,099,777	\$ 3,227,933	\$ 3,240,348	\$ 3,135,821
<b>8 Gas Supply Costs</b>						
9 Gas Monthly Fixed Costs	\$ 44,855	\$ 44,855	\$ 44,877	\$ 44,877	\$ 44,877	\$ 44,877
10 Gas Cost per Dt	\$ 1.91	\$ 1.57	\$ 1.46	\$ 1.70	\$ 1.87	\$ 1.98
11 Heat rate	7.61	7.53	7.53	7.43	7.46	7.46
12 Monthly Gas Requirements (Dt) (=Line 4 x Line 5 x Line 11)	141,345	144,597	139,933	143,726	144,842	140,170
13 Monthly Cost of Gas=(Line 10 x Line 12)+Line 9+Tax	\$ 327,835	\$ 283,427	\$ 260,353	\$ 301,353	\$ 329,754	\$ 336,407
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
<b>21 Revenues</b>						
<b>22 PJM Energy Revenue</b>						
23 Estimated Max Monthly Output (MWh)	21,600	22,320	21,600	22,234	22,320	21,600
24 Estimated Unit Capacity Factor	0.860	0.860	0.860	0.870	0.870	0.870
25 Forecasted Monthly Output (=Line 23 x Line 24)	18,576	19,195	18,576	19,344	19,418	18,792
26 LMP @ DPL N Zone (assumed)	\$ 30.79	\$ 27.13	\$ 27.04	\$ 34.50	\$ 32.27	\$ 23.58
27 Total PJM Energy Revenue per month (Line 25 x Line 26)	\$ 571,867	\$ 520,857	\$ 502,227	\$ 667,375	\$ 626,559	\$ 443,124
28						
<b>29 PJM Capacity Revenue</b>						
30 Contract Capacity from PJM	\$ 124,110	\$ 128,247	\$ 102,928	\$ 106,359	\$ 106,359	\$ 102,928
31 Other PJM Revenue and Expenses	\$ 10,940	\$ 10,940	\$ 10,940	\$ 10,940	\$ 10,940	\$ 10,940
32 Total Capacity Revenue per Month	\$ 135,050	\$ 139,187	\$ 113,868	\$ 117,299	\$ 117,299	\$ 113,868
33						
<b>34 (Less) plus prior month(s) true-up</b>						
35 Retail Revenue Deferral+Actual vs Forecast	\$ (221,300)	\$ 112,497	\$ (116,499)	\$ (123,432)	\$ 529,165	\$ 306,674
36						
<b>37 (Less) Plus Carrying Charge</b>	\$ (30)	\$ 91	\$ 31	\$ (103)	\$ 296	\$ 147
38						
<b>39 Monthly QFCP Project Charge</b>	\$ 2,508,364	\$ 2,948,074	\$ 2,636,566	\$ 2,630,077	\$ 3,364,704	\$ 3,231,057
40 Contract+Gas Cost-Banking+Admin-Revenue+/-True Up+/- Interest						
41						
<b>42 QFCP-RC Rates</b>						
43 Residential	\$ 0.004065	\$ 0.004558	\$ 0.004730	\$ 0.004285	\$ 0.004341	\$ 0.004065
44 Residential- Space Heating	\$ 0.004065	\$ 0.004558	\$ 0.004730	\$ 0.004285	\$ 0.004341	\$ 0.004065
45 Residential Time-of-Use "R-TOU" (Deleted 5/1/2014)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
46 Residential Time-of-Use NON-Demand "R-TOU-ND"	\$ 0.004065	\$ 0.004558	\$ 0.004730	\$ 0.004285	\$ 0.004341	\$ 0.004065
47 Small General Service - Sec Non-Demand "SGS-ND"	\$ 0.004065	\$ 0.004558	\$ 0.004730	\$ 0.004285	\$ 0.004341	\$ 0.004065
48 Space Heating Sec Service "SGS-ND" and "MGS-S"	\$ 0.004065	\$ 0.004558	\$ 0.004730	\$ 0.004285	\$ 0.004341	\$ 0.004065
49 Water Heating Sec Service "SGS-ND" and "MGS-S"	\$ 0.004065	\$ 0.004558	\$ 0.004730	\$ 0.004285	\$ 0.004341	\$ 0.004065
50 Outdoor Recreational Lighting Svc - Secondary "ORL"	\$ 0.004065	\$ 0.004558	\$ 0.004730	\$ 0.004285	\$ 0.004341	\$ 0.004065
51 Medium General Service - Secondary "MGS-S"	\$ 0.004065	\$ 0.004558	\$ 0.004730	\$ 0.004285	\$ 0.004341	\$ 0.004065
52 Large General Service - Secondary "LGS-S"	\$ 0.004065	\$ 0.004558	\$ 0.004730	\$ 0.004285	\$ 0.004341	\$ 0.004065
53 General Service - Primary "GS-P"	\$ 0.003955	\$ 0.004435	\$ 0.004636	\$ 0.004200	\$ 0.004254	\$ 0.003984
54 General Service - Transmission "GS-T"	\$ 0.003892	\$ 0.004364	\$ 0.004527	\$ 0.004101	\$ 0.004155	\$ 0.003890
55 Outdoor Lighting PL	\$ 0.004065	\$ 0.004558	\$ 0.004730	\$ 0.004285	\$ 0.004341	\$ 0.004065
56 Outdoor Lighting SL	\$ 0.004065	\$ 0.004558	\$ 0.004730	\$ 0.004285	\$ 0.004341	\$ 0.004065