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October 20, 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:

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 January 2017 operations which will be utilized in the December 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 December, which is scheduled to begin with customer meter read and billing cycle #1 on the 1st and finish with cycle #21 on December 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.

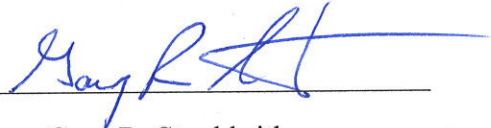
Sincerely,



Todd L. Goodman

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

On this 19th Day of OCTOBER, 2016, personally came before me, the subscriber, a Notary Public in and for the State and County aforesaid 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.



Gary R. Stockbridge
President – Delmarva Power

SWORN TO AND SUBSCRIBED before me this 19 day of October 2016,



Notary Public T. Goodman #3096 29 Del.C. 4323

My Commission expires: N.A.

RJC-1
Delmarva Power & Light Company
Fuel Cell – Renewable Capable Power Production - Monthly Rate Calculation
January 2017 Projection (To be billed in December 2016)

Line	Forecasted QFCP Revenues and Costs		
1	Table 1		
2			
3	<u>January 2017</u>		
4			
5	Contract Cost	\$ 4,315,476	
6	less Market -Based Revenue	\$ 1,222,704	
7	Above Market QFCP Costs (Margin)	\$ 3,092,772	
8			
9	Administrative and Other O&M charges	\$ 9,000	
10			
11	(Less) Plus Carrying Charge	\$ (229)	
12			
13	Net QFCP Project Charge	\$ 3,101,544	
14	(Less) plus prior month(s) true-up	\$ (639,209)	
15	Monthly QFCP Project Charge	\$ 2,462,335	
			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	Table 3 Rate Calculation		December 2016	= 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	133,635,345	144,085,629	0.2072	\$ 510,228	\$ 0.003818	1.013223	\$ 0.003869
29	Residential- Space Heating	1.07820	99,237,278	106,997,633	0.1539	\$ 378,894	\$ 0.003818	1.013223	\$ 0.003869
30	Residential Time-of-Use "R-TOU" (Deleted 5/1/2014)		-						
31	Residential Time-of-Use NON-Demand "R-TOU-ND"	1.07820	109,458	118,018	0.0002	\$ 418	\$ 0.003818	1.013223	\$ 0.003869
32	Small General Service - Sec Non-Demand "SGS-ND"	1.07820	10,339,611	11,148,169	0.0160	\$ 39,477	\$ 0.003818	1.013223	\$ 0.003869
33	Space Heating Sec Serv "SGS-ND" and "MGS-S"	1.07820	1,182,337	1,274,795	0.0018	\$ 4,514	\$ 0.003818	1.013223	\$ 0.003869
34	Water Heating Sec Serv "SGS-ND" and "MGS-S"	1.07820	68,387	73,735	0.0001	\$ 261	\$ 0.003818	1.013223	\$ 0.003869
35	Outdoor Recreational Lighting Svc - Sec "ORL"	1.07820	70,132	75,616	0.0001	\$ 268	\$ 0.003818	1.013223	\$ 0.003869
36	Medium General Service - Secondary "MGS-S"	1.07820	89,592,934	96,599,101	0.1389	\$ 342,072	\$ 0.003818	1.013223	\$ 0.003869
37	Large General Service - Secondary "LGS-S"	1.07820	47,830,278	51,570,605	0.0742	\$ 182,619	\$ 0.003818	1.013223	\$ 0.003869
38	General Service - Primary "GS-P"	1.05669	204,900,962	216,516,798	0.3114	\$ 766,718	\$ 0.003742	1.013223	\$ 0.003791
39	General Service - Transmission "GS-T"	1.03193	60,261,161	62,185,300	0.0894	\$ 220,207	\$ 0.003654	1.013223	\$ 0.003703
40	PL	1.07820	1,204,682	1,298,888	0.0019	\$ 4,600	\$ 0.003818	1.013223	\$ 0.003869
41	SL	1.07820	3,158,115	3,405,080	0.0049	\$ 12,058	\$ 0.003818	1.013223	\$ 0.003869
42	Total kWh		651,590,679	695,349,367	1.0000	\$ 2,462,335			
43							\$ -	<=Checksum vs Forecast should be zero	

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

January 2017 Projection (To be billed in December 2016)

	Projected Aug-16	Projected Sep-16	Projected Oct-16	Projected Nov-16	Projected Dec-16	Projected Jan-17
1 Costs						
2 QFCP – Renewable Capable Power Production						
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	26.2	26.2	26.3
5 Maximum Monthly Hours of Production	744	720	744	720	744	744
6 Total Contract Costs	\$ 3,240,348	\$ 3,135,821	\$ 3,240,348	\$ 3,145,433	\$ 3,252,764	\$ 3,258,971
7						
8 Gas Supply Costs						
9 Gas Monthly Fixed Costs	\$ 44,877	\$ 44,877	\$ 44,877	\$ 44,877	\$ 44,877	\$ 44,877
10 Gas Cost per Dt	\$ 1.87	\$ 1.98	\$ 1.84	\$ 2.42	\$ 4.17	\$ 6.71
11 Heat rate	7.46	7.46	7.46	7.39	7.39	7.39
12 Monthly Gas Requirements (Dt) (=Line 4 x Line 5 x Line 11)	144,842	140,170	144,842	139,204	143,954	144,249
13 Monthly Cost of Gas= (Line 10 x Line 12)+Line 9+Tax	\$ 329,754	\$ 336,407	\$ 323,865	\$ 397,685	\$ 672,436	\$ 1,056,505
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						
21 Revenues						
22 PJM Energy Revenue						
23 Estimated Max Monthly Output (MWh)	22,320	21,600	22,320	21,666	22,406	22,448
24 Estimated Unit Capacity Factor	0.870	0.870	0.870	0.870	0.870	0.870
25 Forecasted Monthly Output (=Line 23 x Line 24)	19,418	18,792	19,418	18,850	19,493	19,530
26 LMP @ DPL N Zone (assumed)	\$ 32.27	\$ 23.58	\$ 25.22	\$ 27.58	\$ 31.07	\$ 56.60
27 Total PJM Energy Revenue per month (Line 25 x Line 26)	\$ 626,559	\$ 443,124	\$ 489,688	\$ 519,840	\$ 605,581	\$ 1,105,405
28						
29 PJM Capacity Revenue						
30 Contract Capacity from PJM	\$ 106,359	\$ 102,928	\$ 106,359	\$ 102,928	\$ 106,359	\$ 106,359
31 Other PJM Revenue and Expenses	\$ 10,940	\$ 10,940	\$ 10,940	\$ 10,940	\$ 10,940	\$ 10,940
32 Total Capacity Revenue per Month	\$ 117,299	\$ 113,868	\$ 117,299	\$ 113,868	\$ 117,299	\$ 117,299
33						
34 (Less) plus prior month(s) true-up						
35 Retail Revenue Deferral+Actual vs Forecast	\$ 529,165	\$ 306,674	\$ (171,488)	\$ 426,732	\$ (217,280)	\$ (639,209)
36						
37 (Less) Plus Carrying Charge	\$ 296	\$ 147	\$ (133)	\$ 176	\$ (128)	\$ (229)
38						
39 Monthly QFCP Project Charge	\$ 3,364,704	\$ 3,231,057	\$ 2,794,606	\$ 3,345,319	\$ 2,993,911	\$ 2,462,335
40 Contract+Gas Cost-Banking+Admin-Revenue+/-True Up+/- Interest						
41						
42 QFCP-RC Rates	Rates Jul-16	Rates Aug-16	Rates Sep-16	Rates Oct-16	Rates Nov-16	Rates Dec-16
43 Residential	\$ 0.004341	\$ 0.004065	\$ 0.004306	\$ 0.005694	\$ 0.005413	\$ 0.003869
44 Residential- Space Heating	\$ 0.004341	\$ 0.004065	\$ 0.004306	\$ 0.005694	\$ 0.005413	\$ 0.003869
45 Residential Time-of-Use "R-TOU" (Deleted 5/1/2014)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
46 Residential Time-of-Use NON-Demand "R-TOU-ND"	\$ 0.004341	\$ 0.004065	\$ 0.004306	\$ 0.005694	\$ 0.005413	\$ 0.003869
47 Small General Service - Sec Non-Demand "SGS-ND"	\$ 0.004341	\$ 0.004065	\$ 0.004306	\$ 0.005694	\$ 0.005413	\$ 0.003869
48 Space Heating Sec Service "SGS-ND" and "MGS-S"	\$ 0.004341	\$ 0.004065	\$ 0.004306	\$ 0.005694	\$ 0.005413	\$ 0.003869
49 Water Heating Sec Service "SGS-ND" and "MGS-S"	\$ 0.004341	\$ 0.004065	\$ 0.004306	\$ 0.005694	\$ 0.005413	\$ 0.003869
50 Outdoor Recreational Lighting Svc - Secondary "ORL"	\$ 0.004341	\$ 0.004065	\$ 0.004306	\$ 0.005694	\$ 0.005413	\$ 0.003869
51 Medium General Service - Secondary "MGS-S"	\$ 0.004341	\$ 0.004065	\$ 0.004306	\$ 0.005694	\$ 0.005413	\$ 0.003869
52 Large General Service - Secondary "LGS-S"	\$ 0.004341	\$ 0.004065	\$ 0.004306	\$ 0.005694	\$ 0.005413	\$ 0.003869
53 General Service - Primary "GS-P"	\$ 0.004254	\$ 0.003984	\$ 0.004220	\$ 0.005580	\$ 0.005305	\$ 0.003791
54 General Service - Transmission "GS-T"	\$ 0.004155	\$ 0.003890	\$ 0.004121	\$ 0.005450	\$ 0.005181	\$ 0.003703
55 Outdoor Lighting PL	\$ 0.004341	\$ 0.004065	\$ 0.004306	\$ 0.005694	\$ 0.005413	\$ 0.003869
56 Outdoor Lighting SL	\$ 0.004341	\$ 0.004065	\$ 0.004306	\$ 0.005694	\$ 0.005413	\$ 0.003869