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October 25, 2017

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 2018 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 at 302-429-3786 or Robert Coan at (302) 451-5287, with any questions related to this matter.

Sincerely,



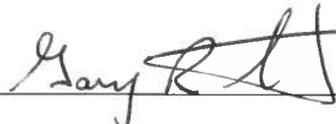
Todd L. Goodman

STATE OF DELAWARE)
)
COUNTY OF NEW CASTLE)

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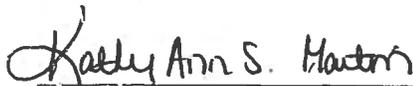
On this 18th Day of October, 2017, personally came before me, the subscriber, a Notary Public in and for the State and County Gary R. Stockbridge, President, Delmarva Power & Light Company, a corporation existing under the laws of the State of Delaware, party to this Application, known to me personally 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 18th day of October 2017,



Notary Public

My Commission expires: 1-5-19

**RJC-1
Delmarva Power & Light Company
September 2017 Actual Billed Revenue**

January 2018 Projection (To be billed in December 2017)

Line	Forecasted QFCP Revenues and Costs	
1	Table 1	Forecasted QFCP Revenues and Costs
2		
3		<u>January 2018</u>
4		
5	Contract Cost	\$ 4,190,653
6	less Market -Based Revenue	\$ 1,081,970
7	Above Market QFCP Costs (Margin)	\$ 3,108,683
8		
9	Administrative and Other O&M charges	\$ 9,000
10		
11	(Less) Plus Carrying Charge	\$ 53
12		
13	Net QFCP Project Charge	\$ 3,117,736
14	(Less) plus prior month(s) true-up	\$ (129,405)
15	Monthly QFCP Project Charge	\$ 2,988,332
	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

Line	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
25				= Col. 3 Lines 28- 41 / Col. 3			RCF/(1- RCF*UNC		
26	Table 3 Rate Calculation	December 2017	= Col. 1 x Col. 2	Line 42	= Col. 4 x Line 15	2	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	149,786,801	161,500,129	0.2323	\$ 694,163	\$ 0.004634	1.016456	\$ 0.004711
29	Residential- Space Heating	1.07820	102,798,808	110,837,675	0.1594	\$ 476,404	\$ 0.004634	1.016456	\$ 0.004711
30	Residential Time-of-Use "R-TOU" (Deleted 5/1/2014)		-						
31	Residential Time-of-Use NON-Demand "R-TOU-ND"	1.07820	197,187	212,607	0.0003	\$ 914	\$ 0.004634	1.016456	\$ 0.004711
32	Small General Service - Sec Non-Demand "SGS-ND"	1.07820	9,604,169	10,355,215	0.0149	\$ 44,509	\$ 0.004634	1.016456	\$ 0.004711
33	Space Heating Sec Serv "SGS-ND" and "MGS-S"	1.07820	1,524,315	1,643,517	0.0024	\$ 7,064	\$ 0.004634	1.016456	\$ 0.004711
34	Water Heating Sec Serv "SGS-ND" and "MGS-S"	1.07820	56,636	61,064	0.0001	\$ 262	\$ 0.004634	1.016456	\$ 0.004711
35	Outdoor Recreational Lighting Svc - Sec "ORL"	1.07820	38,534	41,547	0.0001	\$ 179	\$ 0.004634	1.016456	\$ 0.004711
36	Medium General Service - Secondary "MGS-S"	1.07820	80,116,877	86,382,017	0.1242	\$ 371,289	\$ 0.004634	1.016456	\$ 0.004711
37	Large General Service - Secondary "LGS-S"	1.07820	40,143,445	43,282,662	0.0623	\$ 186,038	\$ 0.004634	1.016456	\$ 0.004711
38	General Service - Primary "GS-P"	1.05669	194,058,607	205,059,790	0.2949	\$ 881,391	\$ 0.004542	1.016456	\$ 0.004617
39	General Service - Transmission "GS-T"	1.03193	69,707,181	71,932,931	0.1035	\$ 309,183	\$ 0.004435	1.016456	\$ 0.004508
40	PL	1.07820	890,551	960,192	0.0014	\$ 4,127	\$ 0.004634	1.016456	\$ 0.004711
41	SL	1.07820	2,763,737	2,979,862	0.0043	\$ 12,808	\$ 0.004634	1.016456	\$ 0.004711
42	Total kWh		651,686,848	695,249,208	1.0000	\$ 2,988,332			
43						\$ -	<=Checksum vs Forecast should be zero		

RJC-2
Delmarva Power & Light Company
September 2017 Actual Billed Revenue

January 2018 Projection (To be billed in December 2017)

	Projected Aug-17	Projected Sep-17	Projected Oct-17	Projected Nov-17	Projected Dec-17	Projected Jan-18
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)	25.7	25.7	25.7	25.7	25.7	26.0
5 Maximum Monthly Hours of Production	744	720	744	720	744	744
6 Total Contract Costs	\$ 3,184,480	\$ 3,081,755	\$ 3,184,480	\$ 3,081,755	\$ 3,184,480	\$ 3,221,726
7						
8 Gas Supply Costs						
9 Gas Monthly Fixed Costs	\$ 52,106	\$ 52,106	\$ 52,106	\$ 52,106	\$ 52,106	\$ 52,106
10 Gas Cost per Dt	\$ 3.13	\$ 2.69	\$ 2.40	\$ 3.23	\$ 4.07	\$ 5.94
11 Heat rate	7.57	7.57	7.65	7.65	7.65	7.65
12 Monthly Gas Requirements (Dt) (=Line 4 x Line 5 x Line 11)	144,463	139,803	145,990	141,280	145,990	147,697
13 Monthly Cost of Gas= (Line 10 x Line 12)+Line 9+Tax	\$ 525,104	\$ 446,811	\$ 418,826	\$ 529,903	\$ 673,066	\$ 968,927
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	21,600	22,320	22,320
24 Estimated Unit Capacity Factor	0.855	0.855	0.855	0.855	0.855	0.865
25 Forecasted Monthly Output (=Line 23 x Line 24)	19,084	18,468	19,084	18,468	19,084	19,307
26 LMP @ DPL N Zone (assumed)	\$ 28.80	\$ 22.41	\$ 20.13	\$ 24.89	\$ 26.31	\$ 48.51
27 Total PJM Energy Revenue per month (Line 25 x Line 26)	\$ 549,589	\$ 413,959	\$ 384,230	\$ 459,742	\$ 502,056	\$ 936,664
28						
29 PJM Capacity Revenue						
30 Contract Capacity from PJM	\$ 129,508	\$ 125,331	\$ 134,366	\$ 130,032	\$ 134,366	\$ 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	\$ 140,448	\$ 136,270	\$ 145,306	\$ 140,972	\$ 145,306	\$ 145,306
33						
34 (Less) plus prior month(s) true-up						
35 Retail Revenue Deferral+Actual vs Forecast	460,198	26,973	(436,868)	(146,262)	(36,551)	(129,405)
36						
37 (Less) Plus Carrying Charge	\$ 272	\$ 70	\$ (295)	\$ (110)	\$ 107	\$ 53
38						
39 Monthly QFCP Project Charge	\$ 3,489,018	\$ 3,014,379	\$ 2,645,606	\$ 2,873,572	\$ 3,182,741	\$ 2,988,332
40 Contract+Gas Cost-Banking+Admin-Revenue+/-True Up+/- Interest						
41						
42 QFCP-RC Rates						
43 Residential	\$ 0.004924	\$ 0.003607	\$ 0.004052	\$ 0.004752	\$ 0.005828	\$ 0.004711
44 Residential- Space Heating	\$ 0.004924	\$ 0.003607	\$ 0.004052	\$ 0.004752	\$ 0.005828	\$ 0.004711
45 Residential Time-of-Use "R-TOU" (Deleted 5/1/2014)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
46 Residential Time-of-Use NON-Demand "R-TOU-ND"	\$ 0.004924	\$ 0.003607	\$ 0.004052	\$ 0.004752	\$ 0.005828	\$ 0.004711
47 Small General Service - Sec Non-Demand "SGS-ND"	\$ 0.004924	\$ 0.003607	\$ 0.004052	\$ 0.004752	\$ 0.005828	\$ 0.004711
48 Space Heating Sec Service "SGS-ND" and "MGS-S"	\$ 0.004924	\$ 0.003607	\$ 0.004052	\$ 0.004752	\$ 0.005828	\$ 0.004711
49 Water Heating Sec Service "SGS-ND" and "MGS-S"	\$ 0.004924	\$ 0.003607	\$ 0.004052	\$ 0.004752	\$ 0.005828	\$ 0.004711
50 Outdoor Recreational Lighting Svc - Secondary "ORL"	\$ 0.004924	\$ 0.003607	\$ 0.004052	\$ 0.004752	\$ 0.005828	\$ 0.004711
51 Medium General Service - Secondary "MGS-S"	\$ 0.004924	\$ 0.003607	\$ 0.004052	\$ 0.004752	\$ 0.005828	\$ 0.004711
52 Large General Service - Secondary "LGS-S"	\$ 0.004924	\$ 0.003607	\$ 0.004052	\$ 0.004752	\$ 0.005828	\$ 0.004711
53 General Service - Primary "GS-P"	\$ 0.004826	\$ 0.003535	\$ 0.003971	\$ 0.004657	\$ 0.005712	\$ 0.004617
54 General Service - Transmission "GS-T"	\$ 0.004713	\$ 0.003452	\$ 0.003878	\$ 0.004548	\$ 0.005578	\$ 0.004508
55 Outdoor Lighting PL	\$ 0.004924	\$ 0.003607	\$ 0.004052	\$ 0.004752	\$ 0.005828	\$ 0.004711
56 Outdoor Lighting SL	\$ 0.004924	\$ 0.003607	\$ 0.004052	\$ 0.004752	\$ 0.005828	\$ 0.004711