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June 28, 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

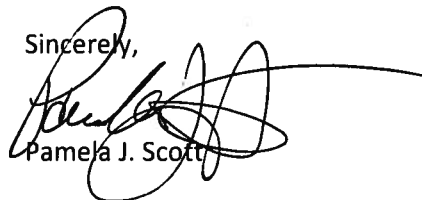
Dear Ms. Nickerson:

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 September 2017 operations which will be utilized in the August 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, 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 at 302-429-3143, or Robert Coan at (302) 451-5287, with any questions related to this matter.

Sincerely,

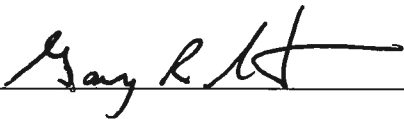


Pamela J. Scott

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

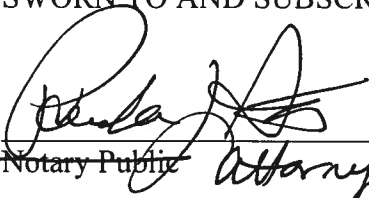
On this 26th Day of June, 2017, personally came before me, the subscriber, a Notary Public in and for the State and County Gary R. Stockbridge, President, Delmarva Power & Light Company, a corporation existing under the laws of the State of Delaware, party to this Application, known to me personally 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 26th day of June 2017,



~~Notary Public~~ Attorney-at-Law (DE)

My Commission expires: N/A

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

Line	Forecasted QFCP Revenues and Costs		
Table 1			
<u>September 2017</u>			
5	Contract Cost	\$ 3,528,566	
6	less Market -Based Revenue	\$ 550,230	
7	Above Market QFCP Costs (Margin)	\$ 2,978,336	
9	Administrative and Other O&M charges	\$ 9,000	
11	(Less) Plus Carrying Charge	\$ 70	
13	Net QFCP Project Charge	\$ 2,987,406	
14	(Less) plus prior month(s) true-up	\$ 26,973	
15	Monthly QFCP Project Charge	\$ 3,014,379	
			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	
26	Table 3 Rate Calculation		August 2017	= 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	273,498,174	294,885,731	0.3220	\$ 970,546	\$ 0.003549	1.016456	\$ 0.003607
29	Residential- Space Heating	1.07820	94,326,803	101,703,159	0.1110	\$ 334,732	\$ 0.003549	1.016456	\$ 0.003607
30	Residential Time-of-Use "R-TOU" (Deleted 5/1/2014)		-						
31	Residential Time-of-Use NON-Demand "R-TOU-ND"	1.07820	333,469	359,547	0.0004	\$ 1,183	\$ 0.003549	1.016456	\$ 0.003607
32	Small General Service - Sec Non-Demand "SGS-ND"	1.07820	14,622,505	15,765,985	0.0172	\$ 51,890	\$ 0.003549	1.016456	\$ 0.003607
33	Space Heating Sec Serv "SGS-ND" and "MGS-S"	1.07820	2,324,641	2,506,428	0.0027	\$ 8,249	\$ 0.003549	1.016456	\$ 0.003607
34	Water Heating Sec Serv "SGS-ND" and "MGS-S"	1.07820	86,371	93,126	0.0001	\$ 307	\$ 0.003549	1.016456	\$ 0.003607
35	Outdoor Recreational Lighting Svc - Sec "ORL"	1.07820	58,766	63,361	0.0001	\$ 209	\$ 0.003549	1.016456	\$ 0.003607
36	Medium General Service - Secondary "MGS-S"	1.07820	121,047,662	130,513,589	0.1425	\$ 429,554	\$ 0.003549	1.016456	\$ 0.003607
37	Large General Service - Secondary "LGS-S"	1.07820	60,639,047	65,381,021	0.0714	\$ 215,186	\$ 0.003549	1.016456	\$ 0.003607
38	General Service - Primary "GS-P"	1.05669	229,203,492	242,197,038	0.2644	\$ 797,134	\$ 0.003478	1.016456	\$ 0.003535
39	General Service - Transmission "GS-T"	1.03193	55,983,830	57,771,393	0.0631	\$ 190,141	\$ 0.003396	1.016456	\$ 0.003452
40	PL	1.07820	1,347,296	1,452,654	0.0016	\$ 4,781	\$ 0.003549	1.016456	\$ 0.003607
41	SL	1.07820	2,949,889	3,180,571	0.0035	\$ 10,468	\$ 0.003549	1.016456	\$ 0.003607
42	Total kWh		856,421,946	915,873,603	1.0000	\$ 3,014,379			
43								\$ -	<=Checksum vs Forecast should be zero

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

September 2017 Projection (To be billed in August 2017)

	Projected Apr-17	Projected May-17	Projected Jun-17	Projected Jul-17	Projected Aug-17	Projected Sep-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)	26.3	26.3	26.3	25.7	25.7	25.7
5 Maximum Monthly Hours of Production	720	744	720	744	744	720
6 Total Contract Costs	\$ 3,153,843	\$ 3,258,971	\$ 3,153,843	\$ 3,184,480	\$ 3,184,480	\$ 3,081,755
7						
8 Gas Supply Costs						
9 Gas Monthly Fixed Costs	\$ 44,877	\$ 44,877	\$ 52,106	\$ 52,106	\$ 52,106	\$ 52,106
10 Gas Cost per Dt	\$ 2.75	\$ 2.67	\$ 2.77	\$ 3.30	\$ 3.13	\$ 2.69
11 Heat rate	7.39	7.57	7.57	7.57	7.57	7.57
12 Monthly Gas Requirements (Dt) (=Line 4 x Line 5 x Line 11)	139,595	147,842	143,073	144,463	144,463	139,803
13 Monthly Cost of Gas= (Line 10 x Line 12)+Line 9+Tax	\$ 447,132	\$ 457,605	\$ 466,880	\$ 551,309	\$ 525,104	\$ 446,811
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)	21,600	22,320	21,600	22,320	22,320	21,600
24 Estimated Unit Capacity Factor	0.875	0.875	0.875	0.855	0.855	0.855
25 Forecasted Monthly Output (=Line 23 x Line 24)	18,900	19,530	18,900	19,084	19,084	18,468
26 LMP @ DPL N Zone (assumed)	\$ 28.04	\$ 25.84	\$ 25.78	\$ 33.49	\$ 28.80	\$ 22.41
27 Total PJM Energy Revenue per month (Line 25 x Line 26)	\$ 529,885	\$ 504,729	\$ 487,244	\$ 639,139	\$ 549,589	\$ 413,959
28						
29 PJM Capacity Revenue						
30 Contract Capacity from PJM	\$ 102,928	\$ 106,359	\$ 102,337	\$ 104,415	\$ 129,508	\$ 125,331
31 Other PJM Revenue and Expenses	\$ 10,940	\$ 10,940	\$ 10,940	\$ 10,940	\$ 10,940	\$ 10,940
32 Total Capacity Revenue per Month	\$ 113,868	\$ 117,299	\$ 113,277	\$ 115,355	\$ 140,448	\$ 136,270
33						
34 (Less) plus prior month(s) true-up						
35 Retail Revenue Deferral+Actual vs Forecast	(215,306)	259,522	342,607	(6,072)	460,198	26,973
36						
37 (Less) Plus Carrying Charge	\$ (80)	\$ 126	\$ 203	\$ 19	\$ 272	\$ 70
38						
39 Monthly QFCP Project Charge	\$ 2,750,836	\$ 3,363,196	\$ 3,372,013	\$ 2,984,244	\$ 3,489,018	\$ 3,014,379
40 Contract+Gas Cost-Banking+Admin-Revenue+/-True Up+/- Interest						
41						
42 QFCP-RC Rates						
43 Residential	\$ 0.004410	\$ 0.005426	\$ 0.006208	\$ 0.004853	\$ 0.004924	\$ 0.003607
44 Residential- Space Heating	\$ 0.004410	\$ 0.005426	\$ 0.006208	\$ 0.004853	\$ 0.004924	\$ 0.003607
45 Residential Time-of-Use "R-TOU" (Deleted 5/1/2014)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
46 Residential Time-of-Use NON-Demand "R-TOU-ND"	\$ 0.004410	\$ 0.005426	\$ 0.006208	\$ 0.004853	\$ 0.004924	\$ 0.003607
47 Small General Service - Sec Non-Demand "SGS-ND"	\$ 0.004410	\$ 0.005426	\$ 0.006208	\$ 0.004853	\$ 0.004924	\$ 0.003607
48 Space Heating Sec Service "SGS-ND" and "MGS-S"	\$ 0.004410	\$ 0.005426	\$ 0.006208	\$ 0.004853	\$ 0.004924	\$ 0.003607
49 Water Heating Sec Service "SGS-ND" and "MGS-S"	\$ 0.004410	\$ 0.005426	\$ 0.006208	\$ 0.004853	\$ 0.004924	\$ 0.003607
50 Outdoor Recreational Lighting Svc - Secondary "ORL"	\$ 0.004410	\$ 0.005426	\$ 0.006208	\$ 0.004853	\$ 0.004924	\$ 0.003607
51 Medium General Service - Secondary "MGS-S"	\$ 0.004410	\$ 0.005426	\$ 0.006208	\$ 0.004853	\$ 0.004924	\$ 0.003607
52 Large General Service - Secondary "LGS-S"	\$ 0.004410	\$ 0.005426	\$ 0.006208	\$ 0.004853	\$ 0.004924	\$ 0.003607
53 General Service - Primary "GS-P"	\$ 0.004322	\$ 0.005318	\$ 0.006084	\$ 0.004757	\$ 0.004826	\$ 0.003535
54 General Service - Transmission "GS-T"	\$ 0.004220	\$ 0.005193	\$ 0.005942	\$ 0.004645	\$ 0.004713	\$ 0.003452
55 Outdoor Lighting PL	\$ 0.004410	\$ 0.005426	\$ 0.006208	\$ 0.004853	\$ 0.004924	\$ 0.003607
56 Outdoor Lighting SL	\$ 0.004410	\$ 0.005426	\$ 0.006208	\$ 0.004853	\$ 0.004924	\$ 0.003607