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December 20, 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 March 2018 operations which will be utilized in the February 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 February, which is scheduled to begin with customer meter read and billing cycle #1 on the 1st and finish with cycle #21 on February 28th. 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,

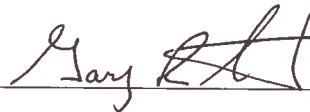


Todd L. Goodman

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


On this 15th Day of December, 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 15 day of December 15th 2017,

 #3096
Notary Public *Notary Officer*

My Commission expires: NA

RJC-1
Delmarva Power & Light Company
Fuel Cell - Renewable Capable Power Production - Monthly Rate Calculation
March 2018 Projection (To be billed in February 2018)

Line										
1	Table 1 Forecasted QFCP Revenues and Costs									
2										
3	<u>March 2018</u>									
4										
5	Contract Cost			\$	3,806,362					
6	less Market -Based Revenue			\$	748,694					
7	Above Market QFCP Costs (Margin)			\$	3,057,667					
8										
9	Administrative and Other O&M charges			\$	9,000					
10										
11	(Less) Plus Carrying Charge			\$	276					
12										
13	Net QFCP Project Charge			\$	3,066,943					
14	(Less) plus prior month(s) true-up			\$	161,140					
15	Monthly QFCP Project Charge			\$	3,228,083					
	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								
24										
25	Col. 1 Col. 2 Col. 3 Col. 4 Col. 5 Col. 6 Col. 7 Col. 8									
26	Table 3 Rate Calculation February 2018 = Col. 1 x Col. 2 = Col. 3 = Col. 4 x Line 15 = Col. 5 / Col. 2 RCF/(1- 41 / Col. 3 Line 42 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 Uncollecta ble	Final QFCP Rate (\$/kWh)	
28	Residential	1.07820	160,833,610	173,410,799	0.2346	\$ 757,286	\$ 0.004709	1.016456	\$ 0.004786	
29	Residential- Space Heating	1.07820	136,855,557	147,557,661	0.1996	\$ 644,385	\$ 0.004709	1.016456	\$ 0.004786	
30	Residential Time-of-Use "R-TOU" (Deleted 5/1/2014)		-							
31	Residential Time-of-Use NON-Demand "R-TOU-ND"	1.07820	219,265	236,411	0.0003	\$ 1,032	\$ 0.004709	1.016456	\$ 0.004786	
32	Small General Service - Sec Non-Demand "SGS-ND"	1.07820	11,454,593	12,350,342	0.0167	\$ 53,934	\$ 0.004709	1.016456	\$ 0.004786	
33	Space Heating Sec Serv "SGS-ND" and "MGS-S"	1.07820	1,820,672	1,963,048	0.0027	\$ 8,573	\$ 0.004709	1.016456	\$ 0.004786	
34	Water Heating Sec Serv "SGS-ND" and "MGS-S"	1.07820	67,647	72,937	0.0001	\$ 319	\$ 0.004709	1.016456	\$ 0.004786	
35	Outdoor Recreational Lighting Svc - Sec "ORL"	1.07820	46,026	49,625	0.0001	\$ 217	\$ 0.004709	1.016456	\$ 0.004786	
36	Medium General Service - Secondary "MGS-S"	1.07820	94,906,508	102,328,197	0.1384	\$ 446,868	\$ 0.004709	1.016456	\$ 0.004786	
37	Large General Service - Secondary "LGS-S"	1.07820	47,544,781	51,262,783	0.0693	\$ 223,865	\$ 0.004709	1.016456	\$ 0.004786	
38	General Service - Primary "GS-P"	1.05669	185,477,174	195,991,875	0.2651	\$ 855,898	\$ 0.004615	1.016456	\$ 0.004691	
39	General Service - Transmission "GS-T"	1.03193	48,343,289	49,886,890	0.0675	\$ 217,856	\$ 0.004506	1.016456	\$ 0.004581	
40	PL	1.07820	1,030,828	1,111,439	0.0015	\$ 4,854	\$ 0.004709	1.016456	\$ 0.004786	
41	SL	1.07820	2,760,137	2,975,980	0.0040	\$ 12,996	\$ 0.004709	1.016456	\$ 0.004786	
42			Total kWh	691,360,087	739,197,988	1.0000	\$ 3,228,083			
43										\$ - <=Checksum vs Forecast should be zero

RJC-2
Delmarva Power & Light Company
Fuel Cell - Renewable Capable Power Production
March 2018 Projection (To be billed in February 2018)

	Projected Oct-17	Projected Nov-17	Projected Dec-17	Projected Jan-18	Projected Feb-18
1 Costs					
2 QFCP – Renewable Capable Power Production					
3 Contract Price	\$ 166.87	\$ 166.87	\$ 166.87	\$ 166.87	\$ 166.87
4 Projected Output Rate (MW)	25.7	25.7	25.7	26.0	26.0
5 Maximum Monthly Hours of Production	744	720	744	744	672
6 Total Contract Costs	\$ 3,184,480	\$ 3,081,755	\$ 3,184,480	\$ 3,221,726	\$ 2,909,946
7					
8 Gas Supply Costs					
9 Gas Monthly Fixed Costs	\$ 52,106	\$ 52,106	\$ 52,106	\$ 52,106	\$ 52,106
10 Gas Cost per Dt	\$ 2.40	\$ 3.23	\$ 4.07	\$ 5.94	\$ 6.11
11 Heat rate	7.65	7.65	7.65	7.65	7.65
12 Monthly Gas Requirements (Dt) (=Line 4 x Line 5 x Line 11)	145,990	141,280	145,990	147,697	133,404
13 Monthly Cost of Gas= (Line 10 x Line 12)+Line 9+Tax	\$ 418,826	\$ 529,903	\$ 673,066	\$ 968,927	\$ 904,282
14					
15 Gas Tracking - Banking Penalty	\$ -	\$ -	\$ -	\$ -	\$ -
16					
17 Administrative and Other O&M charges	\$ 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
20					
21 Revenues					
22 PJM Energy Revenue					
23 Estimated Max Monthly Output (MWh)	22,320	21,600	22,320	22,320	20,160
24 Estimated Unit Capacity Factor	0.855	0.855	0.855	0.865	0.865
25 Forecasted Monthly Output (=Line 23 x Line 24)	19,084	18,468	19,084	19,307	17,438
26 LMP @ DPL N Zone (assumed)	\$ 20.13	\$ 24.89	\$ 26.31	\$ 48.51	\$ 47.00
27 Total PJM Energy Revenue per month (Line 25 x Line 26)	\$ 384,230	\$ 459,742	\$ 502,056	\$ 936,664	\$ 819,593
28					
29 PJM Capacity Revenue					
30 Contract Capacity from PJM	\$ 134,366	\$ 130,032	\$ 134,366	\$ 134,366	\$ 121,363
31 Other PJM Revenue and Expenses	\$ 10,940	\$ 10,940	\$ 10,940	\$ 10,940	\$ 10,940
32 Total Capacity Revenue per Month	\$ 145,306	\$ 140,972	\$ 145,306	\$ 145,306	\$ 132,303
33					
34 (Less) plus prior month(s) true-up					
35 Retail Revenue Deferral+Actual vs Forecast	(436,868)	(146,262)	(36,551)	(129,405)	(48,823)
36					
37 (Less) Plus Carrying Charge	\$ (295)	\$ (110)	\$ 107	\$ 53	\$ 131
38					
39 Monthly QFCP Project Charge	\$ 2,645,606	\$ 2,873,572	\$ 3,182,741	\$ 2,988,332	\$ 2,822,641
40 Contract+Gas Cost-Banking+Admin-Revenue+/-True Up+/- Interest					
41					
42 QFCP-RC Rates	Rates Sep-17	Rates Oct-17	Rates Nov-17	Rates Dec-17	Rates Jan-18
43 Residential	\$ 0.004052	\$ 0.004752	\$ 0.005828	\$ 0.004711	\$ 0.003783
44 Residential- Space Heating	\$ 0.004052	\$ 0.004752	\$ 0.005828	\$ 0.004711	\$ 0.003783
45 Residential Time-of-Use "R-TOU" (Deleted 5/1/2014)	\$ -	\$ -	\$ -	\$ -	\$ -
46 Residential Time-of-Use NON-Demand "R-TOU-ND"	\$ 0.004052	\$ 0.004752	\$ 0.005828	\$ 0.004711	\$ 0.003783
47 Small General Service - Sec Non-Demand "SGS-ND"	\$ 0.004052	\$ 0.004752	\$ 0.005828	\$ 0.004711	\$ 0.003783
48 Space Heating Sec Service "SGS-ND" and "MGS-S"	\$ 0.004052	\$ 0.004752	\$ 0.005828	\$ 0.004711	\$ 0.003783
49 Water Heating Sec Service "SGS-ND" and "MGS-S"	\$ 0.004052	\$ 0.004752	\$ 0.005828	\$ 0.004711	\$ 0.003783
50 Outdoor Recreational Lighting Svc - Secondary "ORL"	\$ 0.004052	\$ 0.004752	\$ 0.005828	\$ 0.004711	\$ 0.003783
51 Medium General Service - Secondary "MGS-S"	\$ 0.004052	\$ 0.004752	\$ 0.005828	\$ 0.004711	\$ 0.003783
52 Large General Service - Secondary "LGS-S"	\$ 0.004052	\$ 0.004752	\$ 0.005828	\$ 0.004711	\$ 0.003783
53 General Service - Primary "GS-P"	\$ 0.003971	\$ 0.004657	\$ 0.005712	\$ 0.004617	\$ 0.003707
54 General Service - Transmission "GS-T"	\$ 0.003878	\$ 0.004548	\$ 0.005578	\$ 0.004508	\$ 0.003621
55 Outdoor Lighting PL	\$ 0.004052	\$ 0.004752	\$ 0.005828	\$ 0.004711	\$ 0.003783
56 Outdoor Lighting SL	\$ 0.004052	\$ 0.004752	\$ 0.005828	\$ 0.004711	\$ 0.003783