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April 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 July 2017 operations which will be utilized in the June 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 June, which is scheduled to begin with customer meter read and billing cycle #1 on the 1st and finish with cycle #21 on June 30th. 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,



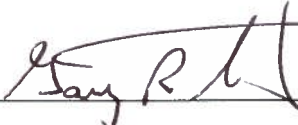
Todd L. Goodman

STATE OF DELAWARE)
)
COUNTY OF NEW CASTLE)

 SS.


On this 25th Day of Apr. 1, 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 25th day of April 2017,



De. Bar. ID 3096 (F.M.L. Landman)
Notary Public

My Commission expires: N.A.

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

Line	Forecasted QFCP Revenues and Costs		
1	Table 1		
2			
3	<u>July 2017</u>		
4			
5	Contract Cost	\$ 3,735,790	
6	less Market -Based Revenue	\$ 754,494	
7	Above Market QFCP Costs (Margin)	\$ 2,981,296	
8			
9	Administrative and Other O&M charges	\$ 9,000	
10			
11	(Less) Plus Carrying Charge	\$ 19	
12			
13	Net QFCP Project Charge	\$ 2,990,315	
14	(Less) plus prior month(s) true-up	\$ (6,072)	
15	Monthly QFCP Project Charge	\$ 2,984,244	
			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		June 2017	= Col. 1 x Col. 2	= Col. 3 Lines 28-41 / Col. 3 Line 42	= Col. 4 x Line 15	= Col. 5 / Col. 2 RCF/(1- 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	168,336,331	181,500,232	0.2693	\$ 803,775	\$ 0.004775	1.016456	\$ 0.004853
29	Residential- Space Heating	1.07820	58,624,521	63,208,958	0.0938	\$ 279,921	\$ 0.004775	1.016456	\$ 0.004853
30	Residential Time-of-Use "R-TOU" (Deleted 5/1/2014)		-	-					
31	Residential Time-of-Use NON-Demand "R-TOU-ND"	1.07820	205,410	221,473	0.0003	\$ 981	\$ 0.004775	1.016456	\$ 0.004853
32	Small General Service - Sec Non-Demand "SGS-ND"	1.07820	11,855,479	12,782,577	0.0190	\$ 56,608	\$ 0.004775	1.016456	\$ 0.004853
33	Space Heating Sec Serv "SGS-ND" and "MGS-S"	1.07820	1,884,509	2,031,878	0.0030	\$ 8,998	\$ 0.004775	1.016456	\$ 0.004853
34	Water Heating Sec Serv "SGS-ND" and "MGS-S"	1.07820	70,018	75,494	0.0001	\$ 334	\$ 0.004775	1.016456	\$ 0.004853
35	Outdoor Recreational Lighting Svc - Sec "ORL"	1.07820	47,640	51,365	0.0001	\$ 227	\$ 0.004775	1.016456	\$ 0.004853
36	Medium General Service - Secondary "MGS-S"	1.07820	98,199,491	105,878,691	0.1571	\$ 468,884	\$ 0.004775	1.016456	\$ 0.004853
37	Large General Service - Secondary "LGS-S"	1.07820	49,194,041	53,041,015	0.0787	\$ 234,892	\$ 0.004775	1.016456	\$ 0.004853
38	General Service - Primary "GS-P"	1.05669	189,939,144	200,706,794	0.2978	\$ 888,831	\$ 0.004680	1.016456	\$ 0.004757
39	General Service - Transmission "GS-T"	1.03193	48,499,239	50,047,819	0.0743	\$ 221,637	\$ 0.004570	1.016456	\$ 0.004645
40	PL	1.07820	1,046,411	1,128,240	0.0017	\$ 4,996	\$ 0.004775	1.016456	\$ 0.004853
41	SL	1.07820	2,965,073	3,196,942	0.0047	\$ 14,158	\$ 0.004775	1.016456	\$ 0.004853
42	Total kWh		630,867,306	673,871,479	1.0000	\$ 2,984,244			
43							\$ -	<=Checksum vs Forecast should be zero	

RJC-2
Delmarva Power & Light Company
Fuel Cell – Renewable Capable Power Production
July 2017 Projection (To be billed in June 2017)

	Projected Feb-17	Projected Mar-17	Projected Apr-17	Projected May-17	Projected Jun-17	Projected Jul-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	26.3	26.3	25.7
5 Maximum Monthly Hours of Production	672	744	720	744	720	744
6 Total Contract Costs	\$ 2,943,587	\$ 3,258,971	\$ 3,153,843	\$ 3,258,971	\$ 3,153,843	\$ 3,184,480
7						
8 Gas Supply Costs						
9 Gas Monthly Fixed Costs	\$ 44,877	\$ 44,877	\$ 44,877	\$ 44,877	\$ 52,106	\$ 52,106
10 Gas Cost per Dt	\$ 5.98	\$ 4.04	\$ 2.75	\$ 2.67	\$ 2.77	\$ 3.30
11 Heat rate	7.39	7.39	7.39	7.57	7.57	7.57
12 Monthly Gas Requirements (Dt) (=Line 4 x Line 5 x Line 11)	130,289	144,229	139,595	147,842	143,073	144,463
13 Monthly Cost of Gas=(Line 10 x Line 12)+Line 9+Tax	\$ 859,229	\$ 653,632	\$ 447,132	\$ 457,605	\$ 466,880	\$ 551,309
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)	20,276	22,320	21,600	22,320	21,600	22,320
24 Estimated Unit Capacity Factor	0.870	0.875	0.875	0.875	0.875	0.855
25 Forecasted Monthly Output (=Line 23 x Line 24)	17,640	19,530	18,900	19,530	18,900	19,084
26 LMP @ DPL N Zone (assumed)	\$ 51.11	\$ 37.59	\$ 28.04	\$ 25.84	\$ 25.78	\$ 33.49
27 Total PJM Energy Revenue per month (Line 25 x Line 26)	\$ 901,537	\$ 734,097	\$ 529,885	\$ 504,729	\$ 487,244	\$ 639,139
28						
29 PJM Capacity Revenue						
30 Contract Capacity from PJM	\$ 96,066	\$ 106,359	\$ 102,928	\$ 106,359	\$ 102,337	\$ 104,415
31 Other PJM Revenue and Expenses	\$ 10,940	\$ 10,940	\$ 10,940	\$ 10,940	\$ 10,940	\$ 10,940
32 Total Capacity Revenue per Month	\$ 107,006	\$ 117,299	\$ 113,868	\$ 117,299	\$ 113,277	\$ 115,355
33						
34 (Less) plus prior month(s) true-up						
35 Retail Revenue Deferral+Actual vs Forecast	82,121	(5,116)	(215,306)	259,522	342,607	(6,072)
36						
37 (Less) Plus Carrying Charge	\$ 107	\$ 37	\$ (80)	\$ 126	\$ 203	\$ 19
38						
39 Monthly QFCP Project Charge	\$ 2,885,502	\$ 3,065,129	\$ 2,750,836	\$ 3,363,196	\$ 3,372,013	\$ 2,984,244
40 Contract+Gas Cost-Banking+Admin-Revenue+/-True Up+/- Interest						
41						
42 QFCP-RC Rates						
43 Residential	\$ 0.003808	\$ 0.004450	\$ 0.004410	\$ 0.005426	\$ 0.006208	\$ 0.004853
44 Residential- Space Heating	\$ 0.003808	\$ 0.004450	\$ 0.004410	\$ 0.005426	\$ 0.006208	\$ 0.004853
45 Residential Time-of-Use "R-TOU" (Deleted 5/1/2014)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
46 Residential Time-of-Use NON-Demand "R-TOU-ND"	\$ 0.003808	\$ 0.004450	\$ 0.004410	\$ 0.005426	\$ 0.006208	\$ 0.004853
47 Small General Service - Sec Non-Demand "SGS-ND"	\$ 0.003808	\$ 0.004450	\$ 0.004410	\$ 0.005426	\$ 0.006208	\$ 0.004853
48 Space Heating Sec Service "SGS-ND" and "MGS-S"	\$ 0.003808	\$ 0.004450	\$ 0.004410	\$ 0.005426	\$ 0.006208	\$ 0.004853
49 Water Heating Sec Service "SGS-ND" and "MGS-S"	\$ 0.003808	\$ 0.004450	\$ 0.004410	\$ 0.005426	\$ 0.006208	\$ 0.004853
50 Outdoor Recreational Lighting Svc - Secondary "ORL"	\$ 0.003808	\$ 0.004450	\$ 0.004410	\$ 0.005426	\$ 0.006208	\$ 0.004853
51 Medium General Service - Secondary "MGS-S"	\$ 0.003808	\$ 0.004450	\$ 0.004410	\$ 0.005426	\$ 0.006208	\$ 0.004853
52 Large General Service - Secondary "LGS-S"	\$ 0.003808	\$ 0.004450	\$ 0.004410	\$ 0.005426	\$ 0.006208	\$ 0.004853
53 General Service - Primary "GS-P"	\$ 0.003732	\$ 0.004362	\$ 0.004322	\$ 0.005318	\$ 0.006084	\$ 0.004757
54 General Service - Transmission "GS-T"	\$ 0.003645	\$ 0.004259	\$ 0.004220	\$ 0.005193	\$ 0.005942	\$ 0.004645
55 Outdoor Lighting PL	\$ 0.003808	\$ 0.004450	\$ 0.004410	\$ 0.005426	\$ 0.006208	\$ 0.004853
56 Outdoor Lighting SL	\$ 0.003808	\$ 0.004450	\$ 0.004410	\$ 0.005426	\$ 0.006208	\$ 0.004853