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July 25, 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 October operations which will be utilized in the September 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 September, which is scheduled to begin with customer meter read and billing cycle #1 on the 1st and finish with cycle #21 on September 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 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 25TH Day of JULY, 2016, personally came before me, the subscriber, a Notary Public in and for the State and County aforesaid Gary R. Stockbridge, Vice 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 Vice 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 25TH day of JULY 2016,



Terrell L. Goodman (D.E. Bar No. 3096)
Notary ~~Public~~

My Commission expires: NA

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

Line	Forecasted QFCP Revenues and Costs		
1	Table 1		
2			
3		October 2016	
4			
5	Contract Cost	\$	3,564,213
6	less Market -Based Revenue	\$	606,987
7	Above Market QFCP Costs (Margin)	\$	2,957,226
8			
9	Administrative and Other O&M charges	\$	9,000
10			
11	(Less) Plus Carrying Charge	\$	147
12			
13	Net QFCP Project Charge	\$	2,966,373
14	(Less) plus prior month(s) true-up	\$	(171,488)
15	Monthly QFCP Project Charge	\$	2,794,885
	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	September 2016	= 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- 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	175,609,639	189,342,313	0.2670	\$ 746,329	\$ 0.004250	1.013223	\$ 0.004306
29	Residential- Space Heating	1.07820	72,579,360	78,255,066	0.1104	\$ 308,457	\$ 0.004250	1.013223	\$ 0.004306
30	Residential Time-of-Use "R-TOU" (Deleted 5/1/2014)		-						
31	Residential Time-of-Use NON-Demand "R-TOU-ND"	1.07820	108,309	116,779	0.0002	\$ 460	\$ 0.004250	1.013223	\$ 0.004306
32	Small General Service - Sec Non-Demand "SGS-ND"	1.07820	10,846,379	11,694,566	0.0165	\$ 46,096	\$ 0.004250	1.013223	\$ 0.004306
33	Space Heating Sec Serv "SGS-ND" and "MGS-S"	1.07820	1,712,172	1,846,064	0.0026	\$ 7,277	\$ 0.004250	1.013223	\$ 0.004306
34	Water Heating Sec Serv "SGS-ND" and "MGS-S"	1.07820	42,451	45,770	0.0001	\$ 180	\$ 0.004250	1.013223	\$ 0.004306
35	Outdoor Recreational Lighting Svc - Sec "ORL"	1.07820	43,272	46,655	0.0001	\$ 184	\$ 0.004250	1.013223	\$ 0.004306
36	Medium General Service - Secondary "MGS-S"	1.07820	101,475,569	109,410,959	0.1543	\$ 431,264	\$ 0.004250	1.013223	\$ 0.004306
37	Large General Service - Secondary "LGS-S"	1.07820	51,330,974	55,345,057	0.0781	\$ 218,153	\$ 0.004250	1.013223	\$ 0.004306
38	General Service - Primary "GS-P"	1.05669	188,626,297	199,319,522	0.2811	\$ 785,656	\$ 0.004165	1.013223	\$ 0.004220
39	General Service - Transmission "GS-T"	1.03193	57,756,357	59,600,518	0.0841	\$ 234,927	\$ 0.004068	1.013223	\$ 0.004121
40	PL	1.07820	1,056,210	1,138,806	0.0016	\$ 4,489	\$ 0.004250	1.013223	\$ 0.004306
41	SL	1.07820	2,685,300	2,895,291	0.0041	\$ 11,412	\$ 0.004250	1.013223	\$ 0.004306
42	Total kWh		663,872,291	709,057,365	1.0000	\$ 2,794,885			
43						\$ -	<=Checksum vs Forecast should be zero		

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

October 2016 Projection (To be billed in September 2016)

	Projected May-16	Projected Jun-16	Projected Jul-16	Projected Aug-16	Projected Sep-16	Projected Oct-16
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)	25.8	25.8	26.0	26.1	26.1	26.1
5 Maximum Monthly Hours of Production	744	720	744	744	720	744
6 Total Contract Costs	\$ 3,203,103	\$ 3,099,777	\$ 3,227,933	\$ 3,240,348	\$ 3,135,821	\$ 3,240,348
7						
8 Gas Supply Costs						
9 Gas Monthly Fixed Costs	\$ 44,855	\$ 44,877	\$ 44,877	\$ 44,877	\$ 44,877	\$ 44,877
10 Gas Cost per Dt	\$ 1.57	\$ 1.46	\$ 1.70	\$ 1.87	\$ 1.98	\$ 1.84
11 Heat rate	7.53	7.53	7.43	7.46	7.46	7.46
12 Monthly Gas Requirements (Dt) (=Line 4 x Line 5 x Line 11)	144,597	139,933	143,726	144,842	140,170	144,842
13 Monthly Cost of Gas= (Line 10 x Line 12)+Line 9+Tax	\$ 283,427	\$ 260,353	\$ 301,353	\$ 329,754	\$ 336,407	\$ 323,865
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	22,234	22,320	21,600	22,320
24 Estimated Unit Capacity Factor	0.860	0.860	0.870	0.870	0.870	0.870
25 Forecasted Monthly Output (=Line 23 x Line 24)	19,195	18,576	19,344	19,418	18,792	19,418
26 LMP @ DPL N Zone (assumed)	\$ 27.13	\$ 27.04	\$ 34.50	\$ 32.27	\$ 23.58	\$ 25.22
27 Total PJM Energy Revenue per month (Line 25 x Line 26)	\$ 520,857	\$ 502,227	\$ 667,375	\$ 626,559	\$ 443,124	\$ 489,688
28						
29 PJM Capacity Revenue						
30 Contract Capacity from PJM	\$ 128,247	\$ 102,928	\$ 106,359	\$ 106,359	\$ 102,928	\$ 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	\$ 139,187	\$ 113,868	\$ 117,299	\$ 117,299	\$ 113,868	\$ 117,299
33						
34 (Less) plus prior month(s) true-up						
35 Retail Revenue Deferral+Actual vs Forecast	\$ 112,497	\$ (116,499)	\$ (123,432)	\$ 529,165	\$ 306,674	\$ (171,488)
36						
37 (Less) Plus Carrying Charge	\$ 91	\$ 31	\$ (103)	\$ 296	\$ 147	\$ 147
38						
39 Monthly QFCP Project Charge	\$ 2,948,074	\$ 2,636,566	\$ 2,630,077	\$ 3,364,704	\$ 3,231,057	\$ 2,794,885
40 Contract+Gas Cost-Banking+Admin-Revenue+/-True Up+/- Interest						
41						
42 QFCP-RC Rates						
43 Residential	\$ 0.004558	\$ 0.004730	\$ 0.004285	\$ 0.004341	\$ 0.004065	\$ 0.004306
44 Residential- Space Heating	\$ 0.004558	\$ 0.004730	\$ 0.004285	\$ 0.004341	\$ 0.004065	\$ 0.004306
45 Residential Time-of-Use "R-TOU" (Deleted 5/1/2014)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
46 Residential Time-of-Use NON-Demand "R-TOU-ND"	\$ 0.004558	\$ 0.004730	\$ 0.004285	\$ 0.004341	\$ 0.004065	\$ 0.004306
47 Small General Service - Sec Non-Demand "SGS-ND"	\$ 0.004558	\$ 0.004730	\$ 0.004285	\$ 0.004341	\$ 0.004065	\$ 0.004306
48 Space Heating Sec Service "SGS-ND" and "MGS-S"	\$ 0.004558	\$ 0.004730	\$ 0.004285	\$ 0.004341	\$ 0.004065	\$ 0.004306
49 Water Heating Sec Service "SGS-ND" and "MGS-S"	\$ 0.004558	\$ 0.004730	\$ 0.004285	\$ 0.004341	\$ 0.004065	\$ 0.004306
50 Outdoor Recreational Lighting Svc - Secondary "ORL"	\$ 0.004558	\$ 0.004730	\$ 0.004285	\$ 0.004341	\$ 0.004065	\$ 0.004306
51 Medium General Service - Secondary "MGS-S"	\$ 0.004558	\$ 0.004730	\$ 0.004285	\$ 0.004341	\$ 0.004065	\$ 0.004306
52 Large General Service - Secondary "LGS-S"	\$ 0.004558	\$ 0.004730	\$ 0.004285	\$ 0.004341	\$ 0.004065	\$ 0.004306
53 General Service - Primary "GS-P"	\$ 0.004435	\$ 0.004636	\$ 0.004200	\$ 0.004254	\$ 0.003984	\$ 0.004220
54 General Service - Transmission "GS-T"	\$ 0.004364	\$ 0.004527	\$ 0.004101	\$ 0.004155	\$ 0.003890	\$ 0.004121
55 Outdoor Lighting PL	\$ 0.004558	\$ 0.004730	\$ 0.004285	\$ 0.004341	\$ 0.004065	\$ 0.004306
56 Outdoor Lighting SL	\$ 0.004558	\$ 0.004730	\$ 0.004285	\$ 0.004341	\$ 0.004065	\$ 0.004306