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February 27, 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 May 2017 operations which will be utilized in the April 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 April, which is scheduled to begin with customer meter read and billing cycle #1 on the 1st and finish with cycle #21 on April 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 27 Day of FEBRUARY, 2017, personally came before me, the subscriber, a Notary Public in and for the State and County Kevin M. McGowan, 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.



Kevin M. McGowan
Vice President

SWORN TO AND SUBSCRIBED before me this 27th day of February 2017,

Kathy Ann S. Martin
Notary Public

My Commission expires: 1/5/19

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

Line	Forecasted QFCP Revenues and Costs		
1	Table 1		
2			
3		<u>May 2017</u>	
4			
5	Contract Cost	\$	3,716,576
6	less Market -Based Revenue	\$	622,027
7	Above Market QFCP Costs (Margin)	\$	3,094,549
8			
9	Administrative and Other O&M charges	\$	9,000
10			
11	(Less) Plus Carrying Charge	\$	126
12			
13	Net QFCP Project Charge	\$	3,103,675
14	(Less) plus prior month(s) true-up	\$	259,397
15	Monthly QFCP Project Charge	\$	3,363,072
	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	April 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- 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	139,359,335	150,257,234	0.2219	\$ 746,271	\$ 0.005355	1.013223	\$ 0.005426
29	Residential- Space Heating	1.07820	83,678,718	90,222,393	0.1332	\$ 448,101	\$ 0.005355	1.013223	\$ 0.005426
30	Residential Time-of-Use "R-TOU" (Deleted 5/1/2014)		-						
31	Residential Time-of-Use NON-Demand "R-TOU-ND"	1.07820	112,459	121,253	0.0002	\$ 602	\$ 0.005355	1.013223	\$ 0.005426
32	Small General Service - Sec Non-Demand "SGS-ND"	1.07820	12,248,958	13,206,827	0.0195	\$ 65,593	\$ 0.005355	1.013223	\$ 0.005426
33	Space Heating Sec Serv "SGS-ND" and "MGS-S"	1.07820	1,958,433	2,111,583	0.0031	\$ 10,487	\$ 0.005355	1.013223	\$ 0.005426
34	Water Heating Sec Serv "SGS-ND" and "MGS-S"	1.07820	100,894	108,784	0.0002	\$ 540	\$ 0.005355	1.013223	\$ 0.005426
35	Outdoor Recreational Lighting Svc - Sec "ORL"	1.07820	34,512	37,210	0.0001	\$ 185	\$ 0.005355	1.013223	\$ 0.005426
36	Medium General Service - Secondary "MGS-S"	1.07820	90,001,042	97,039,123	0.1433	\$ 481,957	\$ 0.005355	1.013223	\$ 0.005426
37	Large General Service - Secondary "LGS-S"	1.07820	50,095,825	54,013,319	0.0798	\$ 268,264	\$ 0.005355	1.013223	\$ 0.005426
38	General Service - Primary "GS-P"	1.05669	197,854,628	209,071,007	0.3088	\$ 1,038,377	\$ 0.005248	1.013223	\$ 0.005318
39	General Service - Transmission "GS-T"	1.03193	55,497,503	57,269,538	0.0846	\$ 284,436	\$ 0.005125	1.013223	\$ 0.005193
40	PL	1.07820	1,109,540	1,196,306	0.0018	\$ 5,942	\$ 0.005355	1.013223	\$ 0.005426
41	SL	1.07820	2,299,796	2,479,640	0.0037	\$ 12,315	\$ 0.005355	1.013223	\$ 0.005426
42	Total kWh		634,351,642	677,134,218	1.0000	\$ 3,363,072			
43						\$ -	<=Checksum vs Forecast should be zero		

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

	Projected Dec-16	Projected Jan-17	Projected Feb-17	Projected Mar-17	Projected Apr-17	Projected May-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)	26.2	26.3	26.3	26.3	26.3	26.3
5 Maximum Monthly Hours of Production	744	744	672	744	720	744
6 Total Contract Costs	\$ 3,252,764	\$ 3,258,971	\$ 2,943,587	\$ 3,258,971	\$ 3,153,843	\$ 3,258,971
7						
8 Gas Supply Costs						
9 Gas Monthly Fixed Costs	\$ 44,877	\$ 44,877	\$ 44,877	\$ 44,877	\$ 44,877	\$ 44,877
10 Gas Cost per Dt	\$ 4.17	\$ 6.71	\$ 5.98	\$ 4.04	\$ 2.75	\$ 2.67
11 Heat rate	7.39	7.39	7.39	7.39	7.39	7.57
12 Monthly Gas Requirements (Dt) (=Line 4 x Line 5 x Line 11)	143,954	144,249	130,289	144,229	139,595	147,842
13 Monthly Cost of Gas= (Line 10 x Line 12)+Line 9+Tax	\$ 672,436	\$ 1,056,505	\$ 859,229	\$ 653,632	\$ 447,132	\$ 457,605
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)	22,406	22,448	20,276	22,320	21,600	22,320
24 Estimated Unit Capacity Factor	0.870	0.870	0.870	0.875	0.875	0.875
25 Forecasted Monthly Output (=Line 23 x Line 24)	19,493	19,530	17,640	19,530	18,900	19,530
26 LMP @ DPL N Zone (assumed)	\$ 31.07	\$ 56.60	\$ 51.11	\$ 37.59	\$ 28.04	\$ 25.84
27 Total PJM Energy Revenue per month (Line 25 x Line 26)	\$ 605,581	\$ 1,105,405	\$ 901,537	\$ 734,097	\$ 529,885	\$ 504,729
28						
29 PJM Capacity Revenue						
30 Contract Capacity from PJM	\$ 106,359	\$ 106,359	\$ 96,066	\$ 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	\$ 117,299	\$ 117,299	\$ 107,006	\$ 117,299	\$ 113,868	\$ 117,299
33						
34 (Less) plus prior month(s) true-up						
35 Retail Revenue Deferral+Actual vs Forecast	\$ (217,280)	\$ (639,209)	82,121	(5,116)	(215,306)	259,521
36						
37 (Less) Plus Carrying Charge	\$ (128)	\$ (229)	\$ 107	\$ 37	\$ (80)	\$ 126
38						
39 Monthly QFCP Project Charge	\$ 2,993,911	\$ 2,462,335	\$ 2,885,502	\$ 3,065,129	\$ 2,750,836	\$ 3,363,196
40 Contract+Gas Cost-Banking+Admin-Revenue+/-True Up+/- Interest						
41						
42 QFCP-RC Rates	Rates Nov-16	Rates Dec-16	Rates Jan-17	Rates Feb-17	Rates Mar-17	Rates Apr-17
43 Residential	\$ 0.005413	\$ 0.003869	\$ 0.003808	\$ 0.004450	\$ 0.004410	\$ 0.005426
44 Residential- Space Heating	\$ 0.005413	\$ 0.003869	\$ 0.003808	\$ 0.004450	\$ 0.004410	\$ 0.005426
45 Residential Time-of-Use "R-TOU" (Deleted 5/1/2014)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
46 Residential Time-of-Use NON-Demand "R-TOU-ND"	\$ 0.005413	\$ 0.003869	\$ 0.003808	\$ 0.004450	\$ 0.004410	\$ 0.005426
47 Small General Service - Sec Non-Demand "SGS-ND"	\$ 0.005413	\$ 0.003869	\$ 0.003808	\$ 0.004450	\$ 0.004410	\$ 0.005426
48 Space Heating Sec Service "SGS-ND" and "MGS-S"	\$ 0.005413	\$ 0.003869	\$ 0.003808	\$ 0.004450	\$ 0.004410	\$ 0.005426
49 Water Heating Sec Service "SGS-ND" and "MGS-S"	\$ 0.005413	\$ 0.003869	\$ 0.003808	\$ 0.004450	\$ 0.004410	\$ 0.005426
50 Outdoor Recreational Lighting Svc - Secondary "ORL"	\$ 0.005413	\$ 0.003869	\$ 0.003808	\$ 0.004450	\$ 0.004410	\$ 0.005426
51 Medium General Service - Secondary "MGS-S"	\$ 0.005413	\$ 0.003869	\$ 0.003808	\$ 0.004450	\$ 0.004410	\$ 0.005426
52 Large General Service - Secondary "LGS-S"	\$ 0.005413	\$ 0.003869	\$ 0.003808	\$ 0.004450	\$ 0.004410	\$ 0.005426
53 General Service - Primary "GS-P"	\$ 0.005305	\$ 0.003791	\$ 0.003732	\$ 0.004362	\$ 0.004322	\$ 0.005318
54 General Service - Transmission "GS-T"	\$ 0.005181	\$ 0.003703	\$ 0.003645	\$ 0.004259	\$ 0.004220	\$ 0.005193
55 Outdoor Lighting PL	\$ 0.005413	\$ 0.003869	\$ 0.003808	\$ 0.004450	\$ 0.004410	\$ 0.005426
56 Outdoor Lighting SL	\$ 0.005413	\$ 0.003869	\$ 0.003808	\$ 0.004450	\$ 0.004410	\$ 0.005426