

Delmarva Power
PO Box 9239
Newark, DE 19714-9239
800.375.7117

delmarva.com

92DC42
500 N. Wakefield Drive
Newark, DE 19702

Todd Goodman
Associate General Counsel

302.429.3786 – Telephone
302.429.3801 – Facsimile

todd.goodman@pepcoholdings.com

January 30, 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 April 2017 operations which will be utilized in the March 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 March, which is scheduled to begin with customer meter read and billing cycle #1 on the 1st and finish with cycle #21 on March 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, 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 30th Day of January, 2017, personally came before me, the subscriber, a Notary Public in and for the State and County aforesaid 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.



Gary R. Stockbridge
President – Delmarva Power

SWORN TO AND SUBSCRIBED before me this 30th day of January 2017,

Notary Public *Notary Allison
T. Goodman #3096*

My Commission expires: N/A

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

Line	Forecasted QFCP Revenues and Costs		
1	Table 1		
2			
3	<u>April 2017</u>		
4			
5	Contract Cost	\$ 3,600,975	
6	less Market -Based Revenue	\$ 643,753	
7	Above Market QFCP Costs (Margin)	\$ 2,957,222	
8			
9	Administrative and Other O&M charges	\$ 9,000	
10			
11	(Less) Plus Carrying Charge	\$ (80)	
12			
13	Net QFCP Project Charge	\$ 2,966,142	
14	(Less) plus prior month(s) true-up	\$ (215,246)	
15	Monthly QFCP Project Charge	\$ 2,750,896	
			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				= Col. 3 Lines 28- 41 / Col. 3			RCF/(1- Factor)		
26	Table 3 Rate Calculation	March 2017	= Col. 1 x Col. 2	Line 42	= Col. 4 x Line 15	= Col. 5 / Col. 2	= 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	159,225,987	171,677,459	0.2519	\$ 692,976	\$ 0.004352	1.013223	\$ 0.004410
29	Residential- Space Heating	1.07820	118,164,107	127,404,540	0.1869	\$ 514,268	\$ 0.004352	1.013223	\$ 0.004410
30	Residential Time-of-Use "R-TOU" (Deleted 5/1/2014)		-						
31	Residential Time-of-Use NON-Demand "R-TOU-ND"	1.07820	130,218	140,401	0.0002	\$ 567	\$ 0.004352	1.013223	\$ 0.004410
32	Small General Service - Sec Non-Demand "SGS-ND"	1.07820	7,915,771	8,534,785	0.0125	\$ 34,451	\$ 0.004352	1.013223	\$ 0.004410
33	Space Heating Sec Serv "SGS-ND" and "MGS-S"	1.07820	2,195,311	2,366,984	0.0035	\$ 9,554	\$ 0.004352	1.013223	\$ 0.004410
34	Water Heating Sec Serv "SGS-ND" and "MGS-S"	1.07820	66,730	71,948	0.0001	\$ 290	\$ 0.004352	1.013223	\$ 0.004410
35	Outdoor Recreational Lighting Svc - Sec "ORL"	1.07820	14,936	16,104	0.0000	\$ 65	\$ 0.004352	1.013223	\$ 0.004410
36	Medium General Service - Secondary "MGS-S"	1.07820	79,300,212	85,501,489	0.1255	\$ 345,127	\$ 0.004352	1.013223	\$ 0.004410
37	Large General Service - Secondary "LGS-S"	1.07820	41,940,769	45,220,537	0.0664	\$ 182,533	\$ 0.004352	1.013223	\$ 0.004410
38	General Service - Primary "GS-P"	1.05669	164,973,691	174,326,050	0.2558	\$ 703,667	\$ 0.004265	1.013223	\$ 0.004322
39	General Service - Transmission "GS-T"	1.03193	60,083,656	62,002,127	0.0910	\$ 250,271	\$ 0.004165	1.013223	\$ 0.004220
40	PL	1.07820	909,813	980,960	0.0014	\$ 3,960	\$ 0.004352	1.013223	\$ 0.004410
41	SL	1.07820	3,025,691	3,262,300	0.0048	\$ 13,168	\$ 0.004352	1.013223	\$ 0.004410
42	Total kWh		637,946,892	681,505,684	1.0000	\$ 2,750,896			
43							\$ -	<=Checksum vs Forecast should be zero	

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

	Projected Nov-16	Projected Dec-16	Projected Jan-17	Projected Feb-17	Projected Mar-17	Projected Apr-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	26.2	26.3	26.3	26.3	26.3
5 Maximum Monthly Hours of Production	720	744	744	672	744	720
6 Total Contract Costs	\$ 3,145,433	\$ 3,252,764	\$ 3,258,971	\$ 2,943,587	\$ 3,258,971	\$ 3,153,843
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	\$ 2.42	\$ 4.17	\$ 6.71	\$ 5.98	\$ 4.04	\$ 2.75
11 Heat rate	7.39	7.39	7.39	7.39	7.39	7.39
12 Monthly Gas Requirements (Dt) (=Line 4 x Line 5 x Line 11)	139,204	143,954	144,249	130,289	144,229	139,595
13 Monthly Cost of Gas=(Line 10 x Line 12)+Line 9+Tax	\$ 397,685	\$ 672,436	\$ 1,056,505	\$ 859,229	\$ 653,632	\$ 447,132
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)	21,666	22,406	22,448	20,276	22,320	21,600
24 Estimated Unit Capacity Factor	0.870	0.870	0.870	0.870	0.875	0.875
25 Forecasted Monthly Output (=Line 23 x Line 24)	18,850	19,493	19,530	17,640	19,530	18,900
26 LMP @ DPL N Zone (assumed)	\$ 27.58	\$ 31.07	\$ 56.60	\$ 51.11	\$ 37.59	\$ 28.04
27 Total PJM Energy Revenue per month (Line 25 x Line 26)	\$ 519,840	\$ 605,581	\$ 1,105,405	\$ 901,537	\$ 734,097	\$ 529,885
28						
29 PJM Capacity Revenue						
30 Contract Capacity from PJM	\$ 102,928	\$ 106,359	\$ 106,359	\$ 96,066	\$ 106,359	\$ 102,928
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	\$ 117,299	\$ 107,006	\$ 117,299	\$ 113,868
33						
34 (Less) plus prior month(s) true-up						
35 Retail Revenue Deferral+Actual vs Forecast	\$ 426,732	\$ (217,280)	\$ (639,209)	82,121	(5,116)	(215,306)
36						
37 (Less) Plus Carrying Charge	\$ 176	\$ (128)	\$ (229)	\$ 107	\$ 37	\$ (80)
38						
39 Monthly QFCP Project Charge	\$ 3,345,319	\$ 2,993,911	\$ 2,462,335	\$ 2,885,502	\$ 3,065,129	\$ 2,750,836
40 Contract+Gas Cost-Banking+Admin-Revenue+/-True Up+/- Interest						
41						
42 QFCP-RC Rates						
43 Residential	\$ 0.005694	\$ 0.005413	\$ 0.003869	\$ 0.003808	\$ 0.004450	\$ 0.004410
44 Residential- Space Heating	\$ 0.005694	\$ 0.005413	\$ 0.003869	\$ 0.003808	\$ 0.004450	\$ 0.004410
45 Residential Time-of-Use "R-TOU" (Deleted 5/1/2014)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
46 Residential Time-of-Use NON-Demand "R-TOU-ND"	\$ 0.005694	\$ 0.005413	\$ 0.003869	\$ 0.003808	\$ 0.004450	\$ 0.004410
47 Small General Service - Sec Non-Demand "SGS-ND"	\$ 0.005694	\$ 0.005413	\$ 0.003869	\$ 0.003808	\$ 0.004450	\$ 0.004410
48 Space Heating Sec Service "SGS-ND" and "MGS-S"	\$ 0.005694	\$ 0.005413	\$ 0.003869	\$ 0.003808	\$ 0.004450	\$ 0.004410
49 Water Heating Sec Service "SGS-ND" and "MGS-S"	\$ 0.005694	\$ 0.005413	\$ 0.003869	\$ 0.003808	\$ 0.004450	\$ 0.004410
50 Outdoor Recreational Lighting Svc - Secondary "ORL"	\$ 0.005694	\$ 0.005413	\$ 0.003869	\$ 0.003808	\$ 0.004450	\$ 0.004410
51 Medium General Service - Secondary "MGS-S"	\$ 0.005694	\$ 0.005413	\$ 0.003869	\$ 0.003808	\$ 0.004450	\$ 0.004410
52 Large General Service - Secondary "LGS-S"	\$ 0.005694	\$ 0.005413	\$ 0.003869	\$ 0.003808	\$ 0.004450	\$ 0.004410
53 General Service - Primary "GS-P"	\$ 0.005580	\$ 0.005305	\$ 0.003791	\$ 0.003732	\$ 0.004362	\$ 0.004322
54 General Service - Transmission "GS-T"	\$ 0.005450	\$ 0.005181	\$ 0.003703	\$ 0.003645	\$ 0.004259	\$ 0.004220
55 Outdoor Lighting PL	\$ 0.005694	\$ 0.005413	\$ 0.003869	\$ 0.003808	\$ 0.004450	\$ 0.004410
56 Outdoor Lighting SL	\$ 0.005694	\$ 0.005413	\$ 0.003869	\$ 0.003808	\$ 0.004450	\$ 0.004410