

Docket No. 13-76-09

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A PHI Company

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September 23, 2013

**Via E-mail and Overnight Delivery**

Ms. Alisa C. Bentley, 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 PSC DOCKET  
NO. 13-76-## QUALIFIED FUEL CELL PROVIDER PROJECT TARIFFS**

Dear Ms. Bentley:

Enclosed for filing are the original and ten copies of 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 Section F. This forecast computes rates based on the forecasted QFCP's November operations which will be utilized in the October customer billing.

As required in the Order, this filing is made at least 30 days prior to applying the QFCP-RC charges to customer bills effective billing month November which begins October 29th and ends November 26<sup>th</sup>.

Please contact me or Kristin McEvoy at (302) 454-4187 with any questions related to this matter.

Sincerely,

Pamela J. Scott

cc: Janis Dillard, DE Public Service Commission  
Pam Knotts, DE Public Service Commission  
Heather G. Hall, DPL

**KMM-1**  
**Delmarva Power & Light Company**  
**Fuel Cell – Renewable Capable Power Production - Monthly Rate Calculation**  
**Dec 2013 Projection (To be billed in Nov 2013)**

Line	Forecasted QFCP Revenues and Costs		
1	<b>Table 1</b>		
2			
3		<u>Dec 2013</u>	
4			
5	Contract Cost	\$ 3,869,366	
6	less Market -Based Revenue	\$ 858,975	
7	Above Market QFCP Costs (Margin)	\$ 3,010,391	
8			
9	Administrative and Other O&M charges	\$ 9,000	
10			
11	(Less) Plus Carrying Charge	\$ (41)	
12			
13	Total Period QFCP Costs	\$ 3,019,350	
14	(Less) plus prior month(s) true-up	\$ (228,273)	
15	Adjusted Period QFCP Costs	\$ 2,791,077	
			Checksum vs Forecast Tab should be 0 ==> \$

Line	Voltage Level Loss (Energy & Capacity) - Adjustment Factor	
16	RESIDENTIAL	1.0636813
17	RES SPACE HEAT	1.0636813
18	Res TOU ND	1.0636813
19	SGS	1.0636813
20	MGS	1.0636813
21	LGS	1.0636813
22	GSP	1.0402971
23	GST	1.0219048

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-RCF*UNC Factor)		
26	<b>Table 3 Rate Calculation</b>	<b>Nov 2013</b>	= 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	1.06368	131,515,781	139,890,877	0.2035	\$ 567,865	\$ 0.004318	1.012463	\$ 0.004372
29	Residential- Space Heating	1.06368	76,239,445	81,094,472	0.1179	\$ 329,190	\$ 0.004318	1.012463	\$ 0.004372
30	Residential Time-of-Use "R-TOU"	1.06368	250	266	0.0000	\$ 1	\$ 0.004318	1.012463	\$ 0.004372
31	Residential Time-of-Use NON-Demand "R-TOU-ND"	1.06368	106,438	113,216	0.0002	\$ 460	\$ 0.004318	1.012463	\$ 0.004372
32	Small General Service - Sec Non-Demand "SGS-ND"	1.06368	11,035,351	11,738,096	0.0171	\$ 47,649	\$ 0.004318	1.012463	\$ 0.004372
33	Space Heating Sec Serv "SGS-ND" and "MGS-S"	1.06368	1,428,830	1,519,820	0.0022	\$ 6,169	\$ 0.004318	1.012463	\$ 0.004372
34	Water Heating Sec Serv "SGS-ND" and "MGS-S"	1.06368	79,549	84,614	0.0001	\$ 343	\$ 0.004318	1.012463	\$ 0.004372
35	Outdoor Recreational Lighting Svc - Sec "ORL"	1.06368	50,131	53,323	0.0001	\$ 216	\$ 0.004318	1.012463	\$ 0.004372
36	Medium General Service - Secondary "MGS-S"	1.06368	90,975,947	96,769,414	0.1407	\$ 392,820	\$ 0.004318	1.012463	\$ 0.004372
37	Large General Service - Secondary "LGS-S"	1.06368	54,811,326	58,301,783	0.0848	\$ 236,667	\$ 0.004318	1.012463	\$ 0.004372
38	General Service - Primary "GS-P"	1.04030	203,203,446	211,391,955	0.3074	\$ 858,113	\$ 0.004223	1.012463	\$ 0.004276
39	General Service - Transmission "GS-T"	1.02190	80,222,864	81,980,130	0.1192	\$ 332,786	\$ 0.004148	1.012463	\$ 0.004200
40	PL	1.06368	1,236,275	1,315,002	0.0019	\$ 5,338	\$ 0.004318	1.012463	\$ 0.004372
41	SL	1.06368	3,116,897	3,315,385	0.0048	\$ 13,458	\$ 0.004318	1.012463	\$ 0.004372
42	<b>Total kWh</b>		<b>654,022,529</b>	<b>687,568,353</b>	<b>1.0000</b>	<b>\$ 2,791,077</b>			

**KMM-2**  
**Delmarva Power & Light Company**  
**Fuel Cell – Renewable Capable Power Production**  
**Dec 2013 Projection (To be billed in Nov 2013)**

	Projected Aug-13	Projected Sep-13	Projected Oct-13	Projected Nov-13	Projected Dec-13
<b>1 Costs</b>					
<b>2 QFCP – Renewable Capable Power Production</b>					
3 Contract Price	\$ 166.87	\$ 166.87	\$ 166.87	\$ 166.87	\$ 166.87
4 Projected Output Rate (MW)	15.3	17.8	20.7	22.5	26.0
5 Maximum Monthly Hours of Production	744	720	744	720	744
6 Total Contract Costs	\$ 1,899,515	\$ 2,132,599	\$ 2,569,931	\$ 2,703,294	\$ 3,227,933
<b>8 Gas Supply Costs</b>					
9 Gas Monthly Fixed Costs	\$ 40,840	\$ 41,067	\$ 41,067	\$ 41,067	\$ 28,344
10 Gas Cost per Dt	\$ 4.35	\$ 3.90	\$ 3.61	\$ 3.64	\$ 4.34
11 Heat rate	6.85	6.71	7.18	7.00	6.99
12 Monthly Gas Requirements (Dt) (=Line 4 x Line 5 x Line 11)	77,975	85,703	110,578	113,400	135,215
13 Monthly Cost of Gas= (Line 10 x Line 12)+Line 9+Tax	\$ 395,857	\$ 391,392	\$ 459,424	\$ 473,509	\$ 641,433
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					
<b>21 Revenues</b>					
<b>22 PJM Energy Revenue</b>					
23 Estimated Max Monthly Output (MWh)	12,603	14,044	16,924	17,609	20,800
24 Estimated Unit Capacity Factor	0.903	0.910	0.910	0.920	0.930
25 Forecasted Monthly Output (=Line 23 x Line 24)	11,383	12,780	15,401	16,200	19,344
26 LMP @ DPL N Zone (assumed)	\$ 51.76	\$ 43.91	\$ 35.76	\$ 39.32	\$ 43.77
27 Total PJM Energy Revenue per month (Line 25 x Line 26)	\$ 589,153	\$ 561,170	\$ 550,789	\$ 636,948	\$ 846,718
28					
<b>29 PJM Capacity Revenue</b>					
30 Contract Capacity from PJM	\$ 12,257	\$ 12,257	\$ 12,257	\$ 11,861	\$ 12,257
31 Other PJM Revenue and Expenses	\$ -	\$ -	\$ -	\$ -	\$ -
32 Total Capacity Revenue per Month	\$ 12,257	\$ 12,257	\$ 12,257	\$ 11,861	\$ 12,257
33					
<b>34 (Less) plus prior month(s) true-up</b>					
35 Retail Revenue Deferral+Actual vs Forecast	\$ (37,468)	\$ (37,117)	\$ 154,347	\$ (100,153)	\$ (228,273)
36					
<b>37 (Less) Plus Carrying Charge</b>					
38	\$ 9	\$ 25	\$ 21	\$ 20	\$ (41)
<b>Net Margin (to be returned to rate payers or charges to rate payers)</b>					
39	\$ 1,665,504	\$ 1,922,472	\$ 2,629,678	\$ 2,436,861	\$ 2,791,077
40 Contract+Gas Cost-Banking+Admin-Revenue+/- True Up+/- Interest					
<b>41 Monthly Margin due from (to) customers</b>	<b>\$ 1,665,504</b>	<b>\$ 1,922,472</b>	<b>\$ 2,629,678</b>	<b>\$ 2,436,861</b>	<b>\$ 2,791,077</b>
42					
<b>43 QFCP-RC Rates</b>					
44 Residential	\$ 0.002074	\$ 0.002462	\$ 0.003830	\$ 0.003980	\$ 0.004372
45 Residential- Space Heating	\$ 0.002074	\$ 0.002462	\$ 0.003830	\$ 0.003980	\$ 0.004372
46 Residential Time-of-Use "R-TOU"	\$ 0.002074	\$ 0.002462	\$ 0.003830	\$ 0.003980	\$ 0.004372
47 Residential Time-of-Use NON-Demand "R-TOU-ND"	\$ 0.002074	\$ 0.002462	\$ 0.003830	\$ 0.003980	\$ 0.004372
48 Small General Service - Sec Non-Demand "SGS-ND"	\$ 0.002074	\$ 0.002462	\$ 0.003830	\$ 0.003980	\$ 0.004372
49 Space Heating Sec Service "SGS-ND" and "MGS-S"	\$ 0.002074	\$ 0.002462	\$ 0.003830	\$ 0.003980	\$ 0.004372
50 Water Heating Sec Service "SGS-ND" and "MGS-S"	\$ 0.002074	\$ 0.002462	\$ 0.003830	\$ 0.003980	\$ 0.004372
51 Outdoor Recreational Lighting Svc - Secondary "ORL"	\$ 0.002074	\$ 0.002462	\$ 0.003830	\$ 0.003980	\$ 0.004372
52 Medium General Service - Secondary "MGS-S"	\$ 0.002074	\$ 0.002462	\$ 0.003830	\$ 0.003980	\$ 0.004372
53 Large General Service - Secondary "LGS-S"	\$ 0.002074	\$ 0.002462	\$ 0.003830	\$ 0.003980	\$ 0.004372
54 General Service - Primary "GS-P"	\$ 0.002029	\$ 0.002408	\$ 0.003746	\$ 0.003893	\$ 0.004276
55 General Service - Transmission "GS-T"	\$ 0.001993	\$ 0.002365	\$ 0.003680	\$ 0.003824	\$ 0.004200
56 Outdoor Lighting PL	\$ 0.002074	\$ 0.002462	\$ 0.003830	\$ 0.003980	\$ 0.004372
57 Outdoor Lighting SL	\$ 0.002074	\$ 0.002462	\$ 0.003830	\$ 0.003980	\$ 0.004372