

Docket NO. 13-76-07

Docket Rm  
Pam  
Janis  
Malika  
Toni  
Donna  
A 159  
JD



A PHI Company

Pamela J. Scott  
Associate General Counsel

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RECEIVED

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July 25, 2013

DELAWARE P.S.C.

**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 October operations which will be utilized in the September 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 September which begins August 29th and ends September 29<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

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

Line	Forecasted QFCP Revenues and Costs	
1	<b>Table 1</b>	
2		
3		<u>Oct 2013</u>
4		
5	Contract Cost	\$ 3,029,356
6	less Market -Based Revenue	\$ 563,046
7	Above Market QFCP Costs (Margin)	\$ 2,466,310
8		
9	Administrative and Other O&M charges	\$ 9,000
10		
11	(Less) Plus Carrying Charge	\$ 21
12		
13	Total Period QFCP Costs	\$ 2,475,331
14	(Less) plus prior month(s) true-up	\$ 154,347
15	Adjusted Period QFCP Costs	\$ 2,629,678
		Checksum vs Forecast Tab should be 0 ==>

Line	Voltage Level Loss (Energy & Capacity) - Adjustment Factor	
16	<b>Table 2</b>	
17	RESIDENTIAL	1.0636813
18	RES SPACE HEAT	1.0636813
19	Res TOU ND	1.0636813
20	SGS	1.0636813
21	MGS	1.0636813
22	LGS	1.0636813
23	GSP	1.0402971
24	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>Sep 2013</b>	= Col. 1 x Col. 2	Line 42	= Col. 4 x Line 15	= Col. 5 / Col. 2		= Col. 6 x Col. 7	
27	<b>Rate Class</b>	<b>Loss Factor</b>	<b>Sales @ Customer (kWh) (BD)</b>	<b>Sales @ Bulk System - Including Losses</b>	<b>Allocation Factor</b>	<b>Allocated Revenue Requirements</b>	<b>QFCP Rate (\$/kWh)</b>	<b>Revenue Conversion Factor Inc Uncollectable</b>	<b>Final QFCP Rate (\$/kWh)</b>
28	Residential	1.06368	167,521,429	178,189,411	0.2410	\$ 633,718	\$ 0.003783	1.012463	\$ 0.003830
29	Residential- Space Heating	1.06368	72,771,782	77,405,984	0.1047	\$ 275,289	\$ 0.003783	1.012463	\$ 0.003830
30	Residential Time-of-Use "R-TOU"	1.06368	250	266	0.0000	\$ 1	\$ 0.003783	1.012463	\$ 0.003830
31	Residential Time-of-Use NON-Demand "R-TOU-ND"	1.06368	129,891	138,163	0.0002	\$ 491	\$ 0.003783	1.012463	\$ 0.003830
32	Small General Service - Sec Non-Demand "SGS-ND"	1.06368	14,272,617	15,181,516	0.0205	\$ 53,992	\$ 0.003783	1.012463	\$ 0.003830
33	Space Heating Sec Serv "SGS-ND" and "MGS-S"	1.06368	1,885,567	2,005,642	0.0027	\$ 7,133	\$ 0.003783	1.012463	\$ 0.003830
34	Water Heating Sec Serv "SGS-ND" and "MGS-S"	1.06368	39,477	41,991	0.0001	\$ 149	\$ 0.003783	1.012463	\$ 0.003830
35	Outdoor Recreational Lighting Svc - Sec "ORL"	1.06368	37,810	40,218	0.0001	\$ 143	\$ 0.003783	1.012463	\$ 0.003830
36	Medium General Service - Secondary "MGS-S"	1.06368	95,912,133	102,019,942	0.1380	\$ 362,827	\$ 0.003783	1.012463	\$ 0.003830
37	Large General Service - Secondary "LGS-S"	1.06368	52,806,061	56,168,819	0.0760	\$ 199,761	\$ 0.003783	1.012463	\$ 0.003830
38	General Service - Primary "GS-P"	1.04030	222,423,753	231,386,785	0.3129	\$ 822,911	\$ 0.003700	1.012463	\$ 0.003746
39	General Service - Transmission "GS-T"	1.02190	70,888,444	72,441,241	0.0980	\$ 257,632	\$ 0.003634	1.012463	\$ 0.003680
40	PL	1.06368	1,006,656	1,070,762	0.0014	\$ 3,808	\$ 0.003783	1.012463	\$ 0.003830
41	SL	1.06368	3,124,972	3,323,974	0.0045	\$ 11,821	\$ 0.003783	1.012463	\$ 0.003830
42	<b>Total kWh</b>		<b>702,820,843</b>	<b>739,414,715</b>	<b>1.0000</b>	<b>\$ 2,629,678</b>			

**JBJ-2**  
**Delmarva Power & Light Company**  
**Fuel Cell – Renewable Capable Power Production**  
**Oct 2013 Projection (To be billed in Sep 2013)**

	Projected Jun-13	Projected Jul-13	Projected Aug-13	Projected Sep-13	Projected Oct-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)	9.2	14.3	15.3	17.8	20.7
5 Maximum Monthly Hours of Production	720	744	744	720	744
6 Total Contract Costs	\$ 1,100,541	\$ 1,777,846	\$ 1,899,515	\$ 2,132,599	\$ 2,569,931
<b>8 Gas Supply Costs</b>					
9 Gas Monthly Fixed Costs	\$ 40,840	\$ 40,840	\$ 40,840	\$ 41,067	\$ 41,067
10 Gas Cost per Dt	\$ 4.09	\$ 4.41	\$ 4.35	\$ 3.90	\$ 3.61
11 Heat rate	6.93	6.88	6.85	6.71	7.18
12 Monthly Gas Requirements (Dt) (=Line 4 x Line 5 x Line 11)	45,672	73,300	77,975	85,703	110,578
13 Monthly Cost of Gas= (Line 10 x Line 12)+Line 9+Tax	\$ 237,122	\$ 379,262	\$ 395,857	\$ 391,392	\$ 459,424
14					
15 Gas Tracking - Banking Penalty	\$ -	\$ -	\$ -	\$ -	\$ -
16					
17 Administrative and Other O&M charges	\$ 12,482	\$ 6,138	\$ 9,000	\$ 9,000	\$ 9,000
18 Other Indirect Costs	\$ -	\$ -	\$ -	\$ -	\$ -
19 Total Administrative and Other O&M costs	\$ 12,482	\$ 6,138	\$ 9,000	\$ 9,000	\$ 9,000
20					
<b>21 Revenues</b>					
<b>22 PJM Energy Revenue</b>					
23 Estimated Max Monthly Output (MWh)	6,827	11,029	12,603	14,044	16,924
24 Estimated Unit Capacity Factor	0.966	0.966	0.903	0.910	0.910
25 Forecasted Monthly Output (=Line 23 x Line 24)	6,595	10,654	11,383	12,780	15,401
26 LMP @ DPL N Zone (assumed)	\$ 44.57	\$ 61.36	\$ 51.76	\$ 43.91	\$ 35.76
27 Total PJM Energy Revenue per month (Line 25 x Line 26)	\$ 293,970	\$ 653,774	\$ 589,153	\$ 561,170	\$ 550,789
28					
<b>29 PJM Capacity Revenue</b>					
30 Contract Capacity from PJM	\$ 11,861	\$ 12,257	\$ 12,257	\$ 12,257	\$ 12,257
31 Other PJM Revenue and Expenses	\$ -	\$ -	\$ -	\$ -	\$ -
32 Total Capacity Revenue per Month	\$ 11,861	\$ 12,257	\$ 12,257	\$ 12,257	\$ 12,257
33					
<b>34 (Less) plus prior month(s) true-up</b>					
35 Retail Revenue Deferral+Actual vs Forecast	\$ (13,887)	\$ (76,813)	\$ (37,468)	\$ (37,117)	\$ 154,347
36					
<b>37 (Less) Plus Carrying Charge</b>					
38	\$ 28	\$ (4)	\$ 9	\$ 25	\$ 21
<b>Net Margin (to be returned to rate payers or charges to rate payers)</b>					
39	\$ 1,030,455	\$ 1,420,398	\$ 1,665,504	\$ 1,922,472	\$ 2,629,678
40 Contract+Gas Cost-Banking+Admin-Revenue+/-True Up+/- Interest					
<b>41 Monthly Margin due from (to) customers</b>	<b>\$ 1,030,455</b>	<b>\$ 1,420,398</b>	<b>\$ 1,665,504</b>	<b>\$ 1,922,472</b>	<b>\$ 2,629,678</b>
42					
<b>43 QFCP-RC Rates</b>	<b>Rates May-13</b>	<b>Rates Jun-13</b>	<b>Rates Jul-13</b>	<b>Rates Aug-13</b>	<b>Rates Sep-13</b>
44 Residential	\$ 0.001615	\$ 0.001945	\$ 0.002074	\$ 0.002462	\$ 0.003830
45 Residential- Space Heating	\$ 0.001615	\$ 0.001945	\$ 0.002074	\$ 0.002462	\$ 0.003830
46 Residential Time-of-Use "R-TOU"	\$ 0.001615	\$ 0.001945	\$ 0.002074	\$ 0.002462	\$ 0.003830
47 Residential Time-of-Use NON-Demand "R-TOU-ND"	\$ 0.001615	\$ 0.001945	\$ 0.002074	\$ 0.002462	\$ 0.003830
48 Small General Service - Sec Non-Demand "SGS-ND"	\$ 0.001615	\$ 0.001945	\$ 0.002074	\$ 0.002462	\$ 0.003830
49 Space Heating Sec Service "SGS-ND" and "MGS-S"	\$ 0.001615	\$ 0.001945	\$ 0.002074	\$ 0.002462	\$ 0.003830
50 Water Heating Sec Service "SGS-ND" and "MGS-S"	\$ 0.001615	\$ 0.001945	\$ 0.002074	\$ 0.002462	\$ 0.003830
51 Outdoor Recreational Lighting Svc - Secondary "ORL"	\$ 0.001615	\$ 0.001945	\$ 0.002074	\$ 0.002462	\$ 0.003830
52 Medium General Service - Secondary "MGS-S"	\$ 0.001615	\$ 0.001945	\$ 0.002074	\$ 0.002462	\$ 0.003830
53 Large General Service - Secondary "LGS-S"	\$ 0.001615	\$ 0.001945	\$ 0.002074	\$ 0.002462	\$ 0.003830
54 General Service - Primary "GS-P"	\$ 0.001579	\$ 0.001902	\$ 0.002029	\$ 0.002408	\$ 0.003746
55 General Service - Transmission "GS-T"	\$ 0.001551	\$ 0.001868	\$ 0.001993	\$ 0.002365	\$ 0.003680
56 Outdoor Lighting PL	\$ 0.001615	\$ 0.001945	\$ 0.002074	\$ 0.002462	\$ 0.003830
57 Outdoor Lighting SL	\$ 0.001615	\$ 0.001945	\$ 0.002074	\$ 0.002462	\$ 0.003830