

Docket No. 13-76-02

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Todd Goodman  
Associate General Counsel

DELAWARE P.S.C.

February 21, 2013

92DC42  
500 N. Wakefield Drive  
Newark, DE 19702

P.O. Box 6066  
Newark, DE 19714-6066

302.429.3786 - Telephone  
302.429.3801 - Facsimile

todd.goodman@pepcoholdings.com

**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. 12-173-## 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 May operations which will be utilized in the April 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 April, which begins April 1st and ends April 29th

Please contact me or Jim Jacoby at (302) 454-4893 with any questions related to this matter.

Sincerely,

Todd Goodman

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

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

Line	Forecasted QFCP Revenues and Costs	
1	<b>Table 1</b>	
2		
3		<u>May-13</u>
4		
5	Contract Cost	\$ 1,211,537
6	less Market-Based Revenue	\$ 232,363
7	Above Market QFCP Costs (Margin)	\$ 979,173
8		
9	Administrative and Other O&M charges	\$ 11,046
10		
11	(Less) Plus Carrying Charge	\$ 3
12		
13	Total Period QFCP Costs	\$ 990,221
14	(Less) plus prior month(s) true-up	\$ 120,162
15	Adjusted Period QFCP Costs	\$ 1,110,383

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)	= Col. 6 x Col. 7
26	<b>Table 3 Rate Calculation</b>	<b>Apr-13</b>	= Col. 1 x Col. 2	Line 42	= Col. 4 x Line 15	= Col. 5 / Col. 2		

Line	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)
27	Residential	1.06368	126,306,908	134,350,296	0.1953	\$ 216,888	\$ 0.001717	1.013878	\$ 0.001741
28	Residential- Space Heating	1.06368	81,273,529	86,449,133	0.1257	\$ 139,559	\$ 0.001717	1.013878	\$ 0.001741
29	Residential Time-of-Use "R-TOU"	1.06368	2,487	2,645	0.0000	\$ 4	\$ 0.001717	1.013878	\$ 0.001741
30	Residential Time-of-Use NON-Demand "R-TOU-ND"	1.06368	113,243	120,454	0.0002	\$ 194	\$ 0.001717	1.013878	\$ 0.001741
31	Small General Service - Sec Non-Demand "SGS-ND"	1.06368	10,986,610	11,686,252	0.0170	\$ 18,866	\$ 0.001717	1.013878	\$ 0.001741
32	Space Heating Sec Serv "SGS-ND" and "MGS-S"	1.06368	1,667,187	1,773,355	0.0026	\$ 2,863	\$ 0.001717	1.013878	\$ 0.001741
33	Water Heating Sec Serv "SGS-ND" and "MGS-S"	1.06368	99,909	106,271	0.0002	\$ 172	\$ 0.001717	1.013878	\$ 0.001741
34	Outdoor Recreational Lighting Svc - Sec "ORL"	1.06368	47,746	50,787	0.0001	\$ 82	\$ 0.001717	1.013878	\$ 0.001741
35	Medium General Service - Secondary "MGS-S"	1.06368	91,037,726	96,835,126	0.1408	\$ 156,326	\$ 0.001717	1.013878	\$ 0.001741
36	Large General Service - Secondary "LGS-S"	1.06368	53,506,507	56,913,871	0.0827	\$ 91,879	\$ 0.001717	1.013878	\$ 0.001741
37	General Service - Primary "GS-P"	1.04030	213,288,099	221,882,991	0.3226	\$ 358,197	\$ 0.001650	1.013878	\$ 0.001673
38	General Service - Transmission "GS-T"	1.02190	71,434,694	72,999,457	0.1061	\$ 117,847	\$ 0.001650	1.013878	\$ 0.001673
39	PL	1.06368	1,225,394	1,303,429	0.0019	\$ 2,104	\$ 0.001717	1.013878	\$ 0.001741
40	SL	1.06368	3,146,161	3,346,512	0.0049	\$ 5,402	\$ 0.001717	1.013878	\$ 0.001741
41									
42	<b>Total kWh</b>		<b>654,136,199</b>	<b>687,820,580</b>	<b>1.0000</b>	<b>\$ 1,110,383</b>			

\$ - <=Checksum vs Forecast should be zero

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

	Projected Jan-13	Projected Feb-13	Projected Mar-13	Projected Apr-13	Projected May-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)	8.55	8.55	8.2	8.2	8.2
5 Maximum Monthly Hours of Production	744	672	744	720	744
6 Total Contract Costs	\$ 1,061,493	\$ 958,768	\$ 1,018,040	\$ 985,200	\$ 1,018,040
<b>8 Gas Supply Costs</b>					
9 Gas Monthly Fixed Costs	\$ 40,612	\$ 40,612	\$ 40,612	\$ 40,612	\$ 40,612
10 Gas Cost per Dt	\$ 4.98	\$ 4.94	\$ 3.71	\$ 3.74	\$ 3.40
11 Heat rate	6.50	6.55	6.67	6.99	7.00
12 Monthly Gas Requirements (Dt) (=Line 4 x Line 5 x Line 11)	41,348	37,634	40,692	41,275	42,706
13 Monthly Cost of Gas= (Line 10 x Line 12)+Line 9+Tax	\$ 246,400	\$ 226,601	\$ 191,580	\$ 203,137	\$ 193,496
14					
15 Gas Tracking - Banking Penalty	\$ -	\$ -	\$ -	\$ -	\$ -
16					
17 Administrative and Other O&M charges	\$ 4,471	\$ 12,481	\$ 6,613	\$ 5,311	\$ 10,712
18 Other Indirect Costs	\$ -	\$ -	\$ -	\$ (28,000)	\$ 334
19 Total Administrative and Other O&M costs	\$ 4,471	\$ 12,481	\$ 6,613	\$ (22,688)	\$ 11,046
20					
<b>21 Revenues</b>					
<b>22 PJM Energy Revenue</b>					
23 Estimated Max Monthly Output (MWh)	6547.2	5,914	6,547	6,336	6,316
24 Estimated Unit Capacity Factor (96.6 %)	0.966	0.966	0.966	0.966	0.966
25 Forecasted Monthly Output (=Line 23 x Line 24)	6,325	5,713	6,325	6,121	6,101
26 LMP @ DPL N Zone (assumed)	\$ 59.86	\$ 49.95	\$ 39.54	\$ 40.87	\$ 38.09
27 Total PJM Energy Revenue per month (Line 25 x Line 26)	\$ 378,611	\$ 285,317	\$ 250,052	\$ 250,175	\$ 232,363
28					
<b>29 PJM Capacity Revenue</b>					
30 Contract Capacity from PJM	\$ -	\$ -	\$ -	\$ -	\$ -
31 Other PJM Revenue and Expenses	\$ -	\$ -	\$ -	\$ -	\$ -
32 Total Capacity Revenue per Month	\$ -	\$ -	\$ -	\$ -	\$ -
33					
<b>34 (Less) plus prior month(s) true-up</b>					
35 Retail Revenue Deferral+Actual vs Forecast	\$ (43,066)	\$ (48,571)	\$ (37,124)	\$ 120,643	\$ 120,162
36					
<b>37 (Less) Plus Carrying Charge</b>	\$ (7)	\$ (5)	\$ (8)	\$ 17	\$ 3
38					
<b>Net Margin (to be returned to rate payers or</b>					
<b>39 charges to rate payers)</b>	\$ 890,679	\$ 863,957	\$ 929,050	\$ 1,036,134	\$ 1,110,383
40 Contract+Gas Cost-Banking+Admin-Revenue+/-True Up+/- Interest					
41 <b>Monthly Margin due from (to) customers</b>	\$ 890,679	\$ 863,957	\$ 929,050	\$ 1,036,134	\$ 1,110,383
42					
<b>43 QFCP-RC Rates</b>	<b>Rates Dec-12</b>	<b>Rates Jan-13</b>	<b>Rates Feb-13</b>	<b>Rates Mar-13</b>	<b>Rates Apr-13</b>
44 Residential	\$ 0.001316	\$ 0.001121	\$ 0.001224	\$ 0.001466	\$ 0.001741
45 Residential- Space Heating	\$ 0.001316	\$ 0.001121	\$ 0.001224	\$ 0.001466	\$ 0.001741
46 Residential Time-of-Use "R-TOU"	\$ 0.001316	\$ 0.001121	\$ 0.001224	\$ 0.001466	\$ 0.001741
47 Residential Time-of-Use NON-Demand "R-TOU-ND"	\$ 0.001316	\$ 0.001121	\$ 0.001224	\$ 0.001466	\$ 0.001741
48 Small General Service - Sec Non-Demand "SGS-ND"	\$ 0.001316	\$ 0.001121	\$ 0.001224	\$ 0.001466	\$ 0.001741
49 Space Heating Sec Service "SGS-ND" and "MGS-S"	\$ 0.001316	\$ 0.001121	\$ 0.001224	\$ 0.001466	\$ 0.001741
50 Water Heating Sec Service "SGS-ND" and "MGS-S"	\$ 0.001316	\$ 0.001121	\$ 0.001224	\$ 0.001466	\$ 0.001741
51 Outdoor Recreational Lighting Svc - Secondary "ORL"	\$ 0.001316	\$ 0.001121	\$ 0.001224	\$ 0.001466	\$ 0.001741
52 Medium General Service - Secondary "MGS-S"	\$ 0.001316	\$ 0.001121	\$ 0.001224	\$ 0.001466	\$ 0.001741
53 Large General Service - Secondary "LGS-S"	\$ 0.001316	\$ 0.001121	\$ 0.001224	\$ 0.001466	\$ 0.001741
54 General Service - Primary "GS-P"	\$ 0.001287	\$ 0.001096	\$ 0.001197	\$ 0.001434	\$ 0.001703
55 General Service - Transmission "GS-T"	\$ 0.001264	\$ 0.001077	\$ 0.001176	\$ 0.001409	\$ 0.001673
56 Outdoor Lighting PL	\$ 0.001316	\$ 0.001121	\$ 0.001224	\$ 0.001466	\$ 0.001741
57 Outdoor Lighting SL	\$ 0.001316	\$ 0.001121	\$ 0.001224	\$ 0.001466	\$ 0.001741