

Docket NO. 13-76-03

Docket  
Pam  
Janis  
Malika  
RuthAnn  
Donna  
Alisa  
JO



A PHI Company

Pamela Scott  
Associate General Counsel

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DELAWARE P.S.C.

March 20, 2013

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**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 June operations which will be utilized in the May 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 May which begins April 30th and ends May 29th

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

Sincerely,

Pamela 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**  
 June Projection (To be billed in May)

Line	Forecasted QFCP Revenues and Costs	
	<u>Jun-13</u>	
1	<b>Table 1</b>	
2		
3		
4		
5	Contract Cost	\$ 1,337,663
6	less Market -Based Revenue	\$ 305,831
7	Above Market QFCP Costs (Margin)	\$ 1,031,832
8		
9	Administrative and Other O&M charges	\$ 12,482
10		
11	(Less) Plus Carrying Charge	\$ 28
12		
13	Total Period QFCP Costs	\$ 1,044,342
14	(Less) plus prior month(s) true-up	\$ (13,887)
15	Adjusted Period QFCP Costs	\$ 1,030,455

Checksum vs Forecast Tab should be 0 ==>

	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

	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
26	<b>Table 3 Rate Calculation</b>		May-13	= 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

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 Uncollectabl e	Final QFCP Rate (\$/kWh)
28 Residential	1.06368	129,001,749	137,216,748	0.1997	\$ 205,750	\$ 0.001595	1.012463	\$ 0.001615
29 Residential- Space Heating	1.06368	66,983,370	71,248,958	0.1037	\$ 106,834	\$ 0.001595	1.012463	\$ 0.001615
30 Residential Time-of-Use "R-TOU"	1.06368	250	266	0.0000	\$ 0	\$ 0.001595	1.012463	\$ 0.001615
31 Residential Time-of-Use NON-Demand "R-TOU-ND"	1.06368	108,703	115,625	0.0002	\$ 173	\$ 0.001595	1.012463	\$ 0.001615
32 Small General Service - Sec Non-Demand "SGS-ND"	1.06368	10,359,966	11,019,703	0.0160	\$ 16,523	\$ 0.001595	1.012463	\$ 0.001615
33 Space Heating Sec Serv "SGS-ND" and "MGS-S"	1.06368	1,424,165	1,514,858	0.0022	\$ 2,271	\$ 0.001595	1.012463	\$ 0.001615
34 Water Heating Sec Serv "SGS-ND" and "MGS-S"	1.06368	73,604	78,292	0.0001	\$ 117	\$ 0.001595	1.012463	\$ 0.001615
35 Outdoor Recreational Lighting Svc - Sec "ORL"	1.06368	85,621	91,073	0.0001	\$ 137	\$ 0.001595	1.012463	\$ 0.001615
36 Medium General Service - Secondary "MGS-S"	1.06368	93,088,141	99,016,115	0.1441	\$ 148,470	\$ 0.001595	1.012463	\$ 0.001615
37 Large General Service - Secondary "LGS-S"	1.06368	54,822,666	58,313,844	0.0849	\$ 87,439	\$ 0.001595	1.012463	\$ 0.001615
38 General Service - Primary "GS-P"	1.04030	222,160,627	231,113,056	0.3363	\$ 346,543	\$ 0.001560	1.012463	\$ 0.001579
39 General Service - Transmission "GS-T"	1.02190	71,285,847	72,847,349	0.1060	\$ 109,231	\$ 0.001532	1.012463	\$ 0.001551
40 PL	1.06368	1,241,237	1,320,281	0.0019	\$ 1,980	\$ 0.001595	1.012463	\$ 0.001615
41 SL	1.06368	3,126,601	3,325,706	0.0048	\$ 4,987	\$ 0.001595	1.012463	\$ 0.001615
42	<b>Total kWh</b>	<b>653,762,547</b>	<b>687,221,874</b>	<b>1.0000</b>	<b>\$ 1,030,455</b>			

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

	Projected Feb-13	Projected Mar-13	Projected Apr-13	Projected May-13	Projected Jun-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	8.2	8.2	8.2	9.2
5 Maximum Monthly Hours of Production	672	744	720	744	720
6 Total Contract Costs	\$ 958,768	\$ 1,018,040	\$ 985,200	\$ 1,018,040	\$ 1,100,541
<b>8 Gas Supply Costs</b>					
9 Gas Monthly Fixed Costs	\$ 40,612	\$ 40,612	\$ 40,612	\$ 40,612	\$ 40,840
10 Gas Cost per Dt	\$ 4.94	\$ 3.71	\$ 3.74	\$ 3.40	\$ 4.09
11 Heat rate	6.55	6.67	6.99	7.00	6.93
12 Monthly Gas Requirements (Dt) (=Line 4 x Line 5 x Line 11)	37,634	40,692	41,275	42,706	45,672
13 Monthly Cost of Gas= (Line 10 x Line 12)+Line 9+Tax	\$ 226,601	\$ 191,580	\$ 203,137	\$ 193,496	\$ 237,122
14					
15 Gas Tracking - Banking Penalty	\$ -	\$ -	\$ -	\$ -	\$ -
16					
17 Administrative and Other O&M charges	\$ 12,481	\$ 6,613	\$ 5,311	\$ 10,712	\$ 12,482
18 Other Indirect Costs	\$ -	\$ -	\$ (28,000)	\$ 334	\$ -
19 Total Administrative and Other O&M costs	\$ 12,481	\$ 6,613	\$ (22,688)	\$ 11,046	\$ 12,482
20					
<b>21 Revenues</b>					
<b>22 PJM Energy Revenue</b>					
23 Estimated Max Monthly Output (MWh)	5,914	6,547	6,336	6,316	6,827
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)	5,713	6,325	6,121	6,101	6,595
26 LMP @ DPL N Zone (assumed)	\$ 49.95	\$ 39.54	\$ 40.87	\$ 38.09	\$ 44.57
27 Total PJM Energy Revenue per month (Line 25 x Line 26)	\$ 285,317	\$ 250,052	\$ 250,175	\$ 232,363	\$ 293,970
28					
<b>29 PJM Capacity Revenue</b>					
30 Contract Capacity from PJM	\$ -	\$ -	\$ -	\$ -	\$ 11,861
31 Other PJM Revenue and Expenses	\$ -	\$ -	\$ -	\$ -	\$ -
32 Total Capacity Revenue per Month	\$ -	\$ -	\$ -	\$ -	\$ 11,861
33					
<b>34 (Less) plus prior month(s) true-up</b>					
35 Retail Revenue Deferral+Actual vs Forecast	\$ (48,571)	\$ (37,124)	\$ 120,643	\$ 120,162	\$ (13,887)
36					
<b>37 (Less) Plus Carrying Charge</b>					
38	\$ (5)	\$ (8)	\$ 17	\$ 3	\$ 28
<b>39 Net Margin (to be returned to rate payers or charges to rate payers)</b>	\$ 863,957	\$ 929,050	\$ 1,036,134	\$ 1,110,383	\$ 1,030,455
40 Contract+Gas Cost-Banking+Admin-Revenue+/-True Up+/- Interest					
<b>41 Monthly Margin due from (to) customers</b>	\$ 863,957	\$ 929,050	\$ 1,036,134	\$ 1,110,383	\$ 1,030,455
42					
<b>43 QFCP-RC Rates</b>	<b>Rates Jan-13</b>	<b>Rates Feb-13</b>	<b>Rates Mar-13</b>	<b>Rates Apr-13</b>	<b>Rates May-13</b>
44 Residential	\$0.001121	\$ 0.001224	\$ 0.001466	\$ 0.001741	\$ 0.001615
45 Residential- Space Heating	\$0.001121	\$ 0.001224	\$ 0.001466	\$ 0.001741	\$ 0.001615
46 Residential Time-of-Use "R-TOU"	\$0.001121	\$ 0.001224	\$ 0.001466	\$ 0.001741	\$ 0.001615
47 Residential Time-of-Use NON-Demand "R-TOU-ND"	\$0.001121	\$ 0.001224	\$ 0.001466	\$ 0.001741	\$ 0.001615
48 Small General Service - Sec Non-Demand "SGS-ND"	\$0.001121	\$ 0.001224	\$ 0.001466	\$ 0.001741	\$ 0.001615
49 Space Heating Sec Service "SGS-ND" and "MGS-S"	\$0.001121	\$ 0.001224	\$ 0.001466	\$ 0.001741	\$ 0.001615
50 Water Heating Sec Service "SGS-ND" and "MGS-S"	\$0.001121	\$ 0.001224	\$ 0.001466	\$ 0.001741	\$ 0.001615
51 Outdoor Recreational Lighting Svc - Secondary "ORL"	\$0.001121	\$ 0.001224	\$ 0.001466	\$ 0.001741	\$ 0.001615
52 Medium General Service - Secondary "MGS-S"	\$0.001121	\$ 0.001224	\$ 0.001466	\$ 0.001741	\$ 0.001615
53 Large General Service - Secondary "LGS-S"	\$0.001121	\$ 0.001224	\$ 0.001466	\$ 0.001741	\$ 0.001615
54 General Service - Primary "GS-P"	\$0.001096	\$ 0.001197	\$ 0.001434	\$ 0.001703	\$ 0.001579
55 General Service - Transmission "GS-T"	\$0.001077	\$ 0.001176	\$ 0.001409	\$ 0.001673	\$ 0.001551
56 Outdoor Lighting PL	\$0.001121	\$ 0.001224	\$ 0.001466	\$ 0.001741	\$ 0.001615
57 Outdoor Lighting SL	\$0.001121	\$ 0.001224	\$ 0.001466	\$ 0.001741	\$ 0.001615