

1 **DELMARVA POWER & LIGHT COMPANY**
2 **REBUTTAL TESTIMONY OF JOSEPH F. JANOCHA**
3 **BEFORE THE DELAWARE PUBLIC SERVICE COMMISSION**
4 **CONCERNING AN INCREASE IN GAS BASE RATES**
5 **DOCKET NO. 10-237**

6 **1. Q: Please state your name and position, and business address.**

7 **A:** My name is Joseph F. Janocha. I am Manager of Rate Economics for
8 Delmarva Power & Light (Delmarva, or the Company) and Atlantic City Electric
9 Company (ACE) in the Rates and Technical Services Section of Pepco Holdings
10 Inc. (PHI). My business address is P.O. Box 9239, Newark, DE 19714. I
11 submitted Direct Testimony on behalf of Delmarva in this case on July 2, 2010.
12 That testimony contains my educational background and professional
13 qualifications.

14 **2. Q: What is the purpose of your rebuttal testimony?**

15 **A:** The purpose of my testimony is:

- 16 • To incorporate the modified revenue requirement of \$10.163 million
17 included in the Rebuttal Testimony of Company Witness VonSteuben
18 into the proposed gas delivery rate design;
- 19 • To address a correction to the treatment of balancing fee revenue
20 identified during the discovery process that the Company committed to
21 correct at the time of rebuttal testimony;
- 22 • To address revenue allocation, rate design and tariff modification
23 issues raised in the Direct Testimony of Delaware Public Service
24 Commission Staff (DPSC Staff or Staff) Witnesses Howard Solganick

1 and Ralph Smith. I will address each of the issues raised by these
2 witnesses in separate sections of my testimony.

3 **3. Q: Please explain the modifications to the rate design that result from**
4 **incorporating the revised revenue requirement of \$10.163 million proposed**
5 **by Company Witness VonSteuben.**

6 A: Schedule JFJ R-1 provides the modified revenue allocation incorporating
7 the revised revenue requirement of \$10.163 million into Table 2. Additionally,
8 the modification to the AMI-related revenue requirement allocation has been
9 included in Table 3. The total revenue requirement allocation is provided in
10 Table 4. I have used the same principles delineated in my direct testimony of July
11 2, 2010 to allocate the revised revenue requirement among the gas delivery rate
12 service classifications.

13 The results from Schedule JFJ R-1 are carried through to Schedule JFJ R-
14 4, which provides the detailed rate design for each gas delivery service
15 classification. The bill impacts associated with the updated rate design are
16 provided in Schedule JFJ R-5. Since there was no change to the rate design
17 billing determinants, the revenue neutral rate design and associated bill impact
18 analyses, previously provided in Schedule JFJ-5 Updated for 12+0 through
19 Schedule JFJ-7 Updated for 12+0, are not changed and no corresponding Rebuttal
20 Schedules have been developed.

21 **4. Q: Please describe the correcting adjustment that you are supporting that was**
22 **highlighted during the discovery process.**

1 A: In response to Staff Data Request PSC-COS-21, it was identified that
2 revenues from balancing fees, applicable to medium and large volume
3 transportation customers, were inadvertently included in test period gas delivery
4 revenues. The balancing fee revenue, amounting to \$342,158 during the test
5 period, is actually included in the Gas Cost Recovery mechanism. The
6 adjustment is included Schedule WMV R-5 in the Rebuttal Testimony of
7 Company Witness VonSteuben.

8 5. Q: Please summarize the areas of Staff Witness Solganick's testimony that you
9 will address.

10 A: There are six items in Staff Witness Solganick's testimony that I will
11 address in my rebuttal.

- 12 1. The identification of differences between the values of Class Demand,
13 Customer and Commodity components as presented in Schedule JFJ-3
14 and Schedule EPT-2.
- 15 2. The allocation of the proposed revenue requirement to Service
16 Classification GL (Gas Lighting) as presented in Schedule JFJ-1.
- 17 3. The use of a separate allocation mechanism for Advanced Metering
18 Infrastructure (AMI)-related costs.
- 19 4. The apparent omission of the description of the treatment of customers
20 with default Delivery Demand Contribution (DDC) Factors in tariff
21 language filed by the Company in this proceeding.
- 22 5. The treatment of Late Payment, Restoration and Premise Collection
23 Charges in the development of billing determinants.

1 6. The modification of tariff language proposed by the Company
2 regarding terms and conditions related to the administration of
3 Contract Maximum Daily Quantity (Contract MDQ) and proposed
4 changes to the charge for Unauthorized Overruns.

5 **6. Q: Please address the Staff Witness Solganick's concern regarding the Class**
6 **Demand, Commodity and Customer components delineated in Schedule JFJ-**
7 **3.**

8 A: Staff Witness Solganick notes that the Class Demand, Commodity and
9 Customer components of Schedule JFJ-3 differ from those presented in Schedule
10 EPT-2¹. These components are used in the rate design process to develop the
11 proposed customer and demand-related rates for each service classification and
12 the results from both of the noted schedules should be identical. As Mr.
13 Solganick notes, the differences are minor and have negligible impact on the
14 ultimate rate design. However, I have opted to update my schedule, which is
15 provided as Schedule JFJ R-3 to reflect the CCROSS results provided in response
16 to Staff Data Request PSC-COS-1.

17 **7. Q: Please address the Staff Witness Solganick's concern regarding the revenue**
18 **allocation to Service Classification GL.**

19 A: Staff Witness Solganick concurs with the Company's approach to revenue
20 requirement allocation in the event the Commission approves a revenue increase.
21 However, he notes that the revenue allocation to Service Classification GL results
22 in a percentage increase in class revenue which exceeds 150% of the overall

¹ Direct Testimony of Howard Solganick, page 7, lines 24-28

1 proposed percentage revenue increase². As noted in my Direct Testimony, I
2 proposed using a class-specific percentage revenue increase limit of 150% of the
3 overall percentage increase. For Service Classification GL, this limit was
4 exceeded, due in large part to the extremely small revenue requirement of
5 approximately \$240.³ By similar reasoning, I have re-evaluated the revenue
6 allocation to Service Classification GL and have now limited the proposed
7 percentage increase to the limit of 150% of the overall percentage increase. The
8 revised allocation is reflected in Schedule JFJ R-1.

9 **8. Q: Please address the Staff Witness Solganick's concern regarding the use of a**
10 **separate allocation for AMI costs as proposed by the Company.**

11 A: Staff Witness Solganick notes that, due to the small amount of AMI costs
12 included in the Company's AMI Supplemental Testimony, the separate allocation
13 of AMI costs presented in Tables 3 and 4 of Schedule JFJ-1 are not necessary⁴.
14 While I agree that the level of costs under consideration may be considered small
15 (a revenue requirement of approximately \$151,000), it remains important to
16 separately allocate these costs. Since AMI costs have not been included in the per
17 books Class Cost of Service Study (CCOSS), the functional relationships for
18 customer, demand and commodity costs developed in the CCOSS are not
19 reflective of them. While very small, this introduces an avoidable level of
20 inaccuracy in the cost signals the CCOSS provides for the design of customer and
21 demand charges. By providing the separate allocation, AMI costs are
22 incorporated completely into the customer-related function and a more

² Direct Testimony of Howard Solganick, page 9, lines 18-20

³ AMI Supplemental Testimony of Joseph F. Janocha, Schedule JFJ-1 Update for AMI, page 1 of 1.

1 appropriate level of cost can be established for the design of the service
2 classification customer charges.

3 **9. Q: Please address the Staff Witness Solganick's concern regarding proposed**
4 **tariff language detailing treatment of customer premises with default DDC's.**

5 A: Staff Witness Solganick notes a perceived discrepancy between my
6 Supplemental Testimony Regarding the 12+0 Update and the language on
7 proposed Tariff Leaf 36b concerning the mechanism to update DDC's for
8 customer premises that initially are assigned a default DDC. Mr. Solganick
9 indicates that my testimony describes the mechanism, while Tariff Leaf 36b,
10 which should include comparable language, does not.⁵ However, as part of my
11 Supplemental Testimony Regarding the 12+0 Update, I included a new Schedule
12 JFJ-15. That schedule provides the proposed updated Tariff Sheet 36b, including
13 the language describing the mechanism for updating customer premises with
14 default DDC's.

15 **10. Q: Please address the Staff Witness Solganick's concern regarding the**
16 **completeness of billing determinants.**

17 A: Staff Witness Solganick indicates that the billing determinants filed by the
18 Company are not complete since they do not address revenues associated with
19 Late Payment, Restoration and Premise Collection Charges.⁶ These revenues are
20 included as Other Gas Revenues in the System Gas Earnings Workpaper
21 (Workpaper 17) provided in the Company's 12+0 Update. A further breakdown
22 of these revenues is provided in Workpaper 34. Since there is no change to the

⁴ Direct Testimony of Howard Solganick, page 10, lines 8-13

⁵ Direct Testimony of Howard Solganick, page 11, lines 19-21

1 rates being proposed, the revenues have not been included in the billing
2 determinant development as they are not required to validate the billing
3 determinants used to develop retail sales-related rates.

4 **11. Q: Please discuss Staff Witness Solganick's review of the tariff language changes**
5 **proposed by the Company.**

6 A: Mr. Solganick provided testimony related to the following proposed tariff
7 language changes:

- 8 • The addition of language to Contract MDQ language to Service
9 Classification GG;
- 10 • The process for notifying customers with regard to usage levels below
11 contract MDQ amounts;
- 12 • The proposed increase in the charge for Unauthorized Overruns.

13 **12. Q: Please discuss Staff Witness Solganick's concern regarding the inclusion of**
14 **Contract MDQ provisions within the terms and conditions of Service**
15 **Classification GG.**

16 Mr. Solganick recommends that the proposed addition of Contract MDQ
17 language to Leaf 41 a, providing the terms and conditions for Service
18 Classification GG, is not appropriate and could lead to customer confusion.⁷
19 Upon further evaluation of the proposed language, in an effort to avoid any
20 potential confusion, the Company is withdrawing the proposed change. The
21 intent was to provide MDQ related information to GVFT customers in order to
22 facilitate their understanding and dealings with external gas marketers and in

⁶ Direct Testimony of Howard Solganick, page 25, lines 19-25

⁷ Direct Testimony of Howard Solganick, page 24, lines 7-14

1 nominating their daily gas loads. The company was not proposing to use Contract
2 MDQ of the Design Day Contribution for Service Classifications GG or GVFT.

3 **13. Q: Please discuss Staff Witness Solganick's recommendation regarding the**
4 **notification process to notify customers whose actual MDQ falls below their**
5 **Contract MDQ level.**

6 In response to Staff Data Request PSC-WA-1, the Company described its
7 process for monitoring and notifying customers whose actual MDQ levels fall
8 below 70% of Contract MDQ levels. Mr. Solganick recommends that the process
9 be modified such that the Company provide written notice to the customer if the
10 measured MDQ levels fall to 80% of Contract MDQ for the twelve months
11 ending June 30th.⁸ The Company does not object to changing its internal trigger
12 level for initiating discussions related to MDQ changes with customers from 70%
13 to 80 %. However, affected customers have specific executed contracts which
14 have varying execution dates. Using the 12 month ending June 30th consumption
15 date for every customer could act to create customer confusion. In lieu of the
16 June 30th date, the Company proposes that the timing of notification remain the
17 responsibility of the Company and be done on a contract-specific basis to better
18 address customer-specific circumstances.

19 **14. Q: Please discuss Staff Witness Solganick's recommendation regarding the**
20 **modification to the charge for Unauthorized Overruns.**

21 Mr. Solganick reviewed the Company change in unauthorized Overrun
22 penalties. Mr. Solganick provided a summary of local Company penalties and
23 correctly states "the Company's present unauthorized overrun penalty is lower

1 that these other utilities.”⁹ The Company has proposed increasing its charge for
2 Unauthorized Overruns from \$20 per MCF to \$50 per MCF. Additionally, the
3 Company proposed that the charge for Unauthorized Overruns during curtailment
4 periods be increased from \$35 to \$60. Mr. Solganick recommends that the new
5 charge levels be set to \$30 and \$50 per MCF, respectively.¹⁰

6 **15. Q: Do you agree with Staff Witness Solganick’s recommendation regarding the**
7 **modification to the charge for Unauthorized Overruns.**

8 No. Historically, the Company Penalty Charges have reflected the
9 Transco Tariff rate in section 18.4 and 18.5 (below; emphasis added) charges
10 which the Company would be subject to during such occurrences.

11 “18.4 Overrun Charges and Penalties

12 **Buyer shall pay Seller for all such unauthorized daily overrun**
13 **quantities** taken on such day, an overrun charge equal to Seller's
14 Rate Schedule IT rate per dt calculated from Zone 3 to the zone in
15 which Buyer receives such quantities and such quantities shall be
16 treated as deliveries under Seller's applicable rate schedule(s) and as
17 an imbalance thereunder. If Buyer takes on any day unauthorized
18 overrun quantities in excess of the allowable daily dispatch
19 variations set forth in Section 18.2, Buyer shall pay in lieu of such
20 IT charge a penalty of \$2.50 per dt up to 50 dt, in excess of that
21 allowable variation for the particular day, and for **any quantity of**
22 **additional unauthorized daily overrun taken on such day, a**
23 **penalty equal to the higher of (i) \$50 per dt** or (ii) three times the
24 highest weekly Reference Spot Price for the current month (as set
25 forth in Section 37.1(a) of the General Terms and Conditions)
26 applicable to the zone(s) in which the unauthorized daily overrun
27 occurs.

28 18.5 Unauthorized Overruns During Periods of Curtailment

29 **In addition to the provisions for unauthorized daily overruns and**
30 **penalties therefore under Sections 18.3 and 18.4 hereof, any**
31 **quantity taken by Buyer in excess of its Entitlement under Section**
32 **13 of the General Terms and Conditions by an amount of 100 dt or**
33 **two-tenths (0.2) percent of such Entitlement, whichever is greater,**

⁸ Direct Testimony of Howard Solganick, page 25, lines 7-15

⁹ Direct Testimony of Howard Solganick, page 23, lines 10-16

¹⁰ Direct Testimony of Howard Solganick, page 23, lines 18-25

1 shall constitute an unauthorized overrun, for which Buyer shall pay
2 Seller a **penalty of \$10 per dt** for any such unauthorized overrun.”¹¹
3

4 The Company’s intent in the subject filing is simply to update the penalty
5 charges based on most recent Transco tariffs. The Company proposed rates should
6 be approved. However, if the Commission elects to use Mr. Solganick’s values,
7 the 10 % threshold should be eliminated as well.

8 **16. Q: Please respond to Staff Witness Smith’s recommendation regarding the**
9 **treatment of the UFRC.**

10 **A:** Staff Witness Smith recommends that the Company’s proposed UFRC
11 Rider be removed from this case until administrative rules are adopted to
12 administer the UFRC.¹² This recommendation is not appropriate for a number of
13 reasons. First, Section 315 of Title 26 of the Delaware Code authorizes electric
14 and gas utilities to fix rate schedules establishing a UFRC. It does not prescribe
15 the establishment of administrative rules as a prerequisite for the establishment of
16 these rate schedules.

17 Second, Section 315 subjects the electric and gas utilities to the same
18 statutory requirements as water utilities seeking to implement a Distribution
19 System Improvement Charge (DSIC), as delineated in Section 314 of Title 26.
20 Section 314 includes a series of administrative requirements which would be
21 applicable to UFRC filings. It also includes the same language giving the
22 Commission the discretion to adopt rules to administer the DSIC. However,
23 while no administrative rules have been established, public water utilities have

¹¹ Note that the term “dt” in the quoted section of the Transco Tariff refers to “decatherm” and is a measure of gas heating value. For purposes of the subject charge, the level of the charge on a per therm or per MCF basis is essentially the same.

1 been and currently are implementing DSIC rates. It seems contradictory that the
2 UFRC, which is subject to the same statutory requirements as a DSIC, should be
3 deferred, while DSIC rates are currently in place.

4 Third, as noted in my Direct Testimony and in the testimony of Mr. Smith,
5 the Company is proposing a UFRC adjustment of 0% in this proceeding. The
6 major objective of including it in this filing is to establish the framework for the
7 UFRC to facilitate future filings, which the Company is already authorized to
8 make.

9 These objections notwithstanding, consistent with the position taken by
10 the Company in Commission Docket No. 09-414, the Company is amenable to the
11 prompt initiation of a proceeding by the Commission to enact any necessary
12 regulations and administrative rules.

13 **17. Q: Does this conclude your testimony?**

14 A: Yes, it does.

¹² Direct Testimony of Ralph Smith, page 70

Delmarva Power & Light Company - Delaware
Development of Proposed Gas Delivery Rates
Rate Class Allocation of Delivery Revenue Requirements

TABLE 1 Allocation of Operating Income Based on Per Books Cost of Service Study Results

	TOTAL Delaware RETAIL	RESIDENTIAL + RESIDENTIAL SPACE HEATING	GENERAL SERVICE	MEDIUM VOLUME SERVICE	LARGE VOLUME SERVICE	LIGHTING SERVICE	LARGE VOLUME INTERRUPTIBLE SERVICE
Cost of Service Study Results (Schedule EPT-1)							
Operating Income	\$ 15,003,864	\$ 8,747,636	\$ 4,675,800	\$ 832,246	\$ 748,162	\$ 21	
Delivery Rate Base	\$ 224,513,446	\$ 143,720,758	\$ 59,101,392	\$ 9,027,814	\$ 12,661,575	\$ 1,907	
ROR	6.68%	6.09%	7.91%	9.22%	5.91%	1.09%	
Unitized ROR	1.00	0.91	1.18	1.38	0.88	0.16	
Revenue Requirements Results (Schedule WMV.2)							
Operating Income (Allocated Based on COSS Results)	\$13,000,499	\$ 7,579,623	\$ 4,051,472	\$ 721,121	\$ 648,265	\$ 18	
Less AMI-Related Operating Income (Schedule JFJ-1A)	\$0	\$ -	\$ -	\$ -	\$ -	\$ -	
Non-AMI Operating Income	\$ 13,000,499	\$ 7,579,623	\$ 4,051,472	\$ 721,121	\$ 648,265	\$ 18	
Delivery Rate Base (Allocated Based on COSS Results)	\$236,490,525	\$ 151,387,804	\$ 62,254,284	\$ 9,509,420	\$ 13,337,029	\$ 2,009	
Less AMI Delivery Rate Base (Schedule JFJ-1A)	\$ (606,671)	\$ (545,320)	\$ (56,984)	\$ (2,825)	\$ (1,542)	\$ -	
Non-AMI Rate Base	\$ 235,883,853	\$ 150,842,483	\$ 62,197,299	\$ 9,506,595	\$ 13,335,487	\$ 2,009	
ROR - Based on Non-AMI Results	5.51%	5.02%	6.51%	7.59%	4.85%	0.89%	
Unitized ROR	1.00	0.91	1.18	1.38	0.88	0.16	

TABLE 2 Cost of Service Class Revenue Increase Allocation

	TOTAL Delaware RETAIL	RESIDENTIAL + RESIDENTIAL SPACE HEATING	GENERAL SERVICE	MEDIUM VOLUME SERVICE	LARGE VOLUME SERVICE	LIGHTING SERVICE	LARGE VOLUME INTERRUPTIBLE SERVICE
Revenue Requirement (Schedule WMV.2 less AMI Revenue Requirement)	\$10,010,173						
Operating Income Deficiency (Schedule WMV.2 less AMI Revenue Requirement)	\$ 5,922,724						
ROR (Schedule WMV.2 less AMI Revenue Requirement)	8.00%						
Proposed Revenue Allocation							
UROR Adjustment Factor	1.00	1.00	0.96	1.00	0.70	0.64	
ROR	8.00%	1.00	1.01	1.00	0.96	0.70	
Incremental Income	\$ 5,922,724	\$ 4,533,949	\$ 988,125	\$ 39,792	\$ 380,764	\$ 94	
Revenue Conversion Factor	1.69013	1.69013	1.69013	1.69013	1.69013	1.69013	
Revenue Requirement	\$ 10,010,173	\$ 7,662,964	\$ 1,636,256	\$ 67,254	\$ 643,540	\$ 159	
Final Unitized ROR	1.00	1.00	1.01	1.00	0.96	0.70	
Test Period Delivery Revenue	\$ 66,889,080	\$ 43,001,115	\$ 17,192,321	\$ 2,915,550	\$ 2,873,444	\$ 710	\$ 326,978
Revenue Change (\$)	\$ 10,010,173	\$ 7,662,964	\$ 1,636,256	\$ 67,254	\$ 643,540	\$ 159	\$ -
Proposed Revenue	\$ 76,899,252	\$ 50,664,079	\$ 18,828,577	\$ 2,982,804	\$ 3,516,984	\$ 869	\$ 326,978
Revenue Change based on Annualized Current Delivery Revenue (%)	15.0%	17.8%	9.5%	2.3%	22.4%	22.3%	
Service Classification Rate Change as a Percentage of Overall Delivery Change		119%	64%	15%	150%	149%	

TABLE 3 AMI Revenue Requirement Adjustment

Delivery Rate Base	\$ 606,671	\$ 545,320	\$ 56,984	\$ 2,825	\$ 1,542	\$ -
Incremental Income	\$ 90,616	\$ 81,452	\$ 8,511	\$ 422	\$ 230	\$ -
Revenue Conversion Factor	1.69013	1.69013	1.69013	1.69013	1.69013	1.69013
Revenue Requirement	\$ 153,152	\$ 137,665	\$ 14,385	\$ 713	\$ 389	\$ -
Test Period Delivery Revenue	\$ 66,889,080	\$ 43,001,115	\$ 17,192,321	\$ 2,915,550	\$ 2,873,444	\$ 710
Revenue Change based on Annualized Current Delivery Revenue (%)	0.2%	0.3%	0.1%	0.0%	0.0%	0.0%

TABLE 4 Final Revenue Requirement

Base Revenue Requirement	\$ 10,010,173	\$ 7,662,964	\$ 1,636,256	\$ 67,254	\$ 643,540	\$ 159
AMI-Related Revenue Requirement	\$ 153,152	\$ 137,665	\$ 14,385	\$ 713	\$ 389	\$ -
Total	\$ 10,163,325	\$ 7,800,628	\$ 1,650,642	\$ 67,967	\$ 643,930	\$ 159
Test Period Delivery Revenue	\$ 66,889,080	\$ 43,001,115	\$ 17,192,321	\$ 2,915,550	\$ 2,873,444	\$ 710
Revenue Change (\$)	\$ 10,163,325	\$ 7,800,628	\$ 1,650,642	\$ 67,967	\$ 643,930	\$ 159
Proposed Revenue	\$ 77,052,405	\$ 50,801,743	\$ 18,842,963	\$ 2,983,517	\$ 3,517,374	\$ 869
Revenue Change based on Annualized Current Delivery Revenue (%)	15.2%	18.1%	9.6%	2.3%	22.4%	22.3%

Delmarva Power & Light Company - Delaware
Development of Proposed Gas Delivery Rates
Rate Class Allocation of Delivery Revenue Requirements
AMI Revenue Requirement Adjustment

	RG	RGH	GG	MVG	LVG
AMI Allocation Factors					
Present Meter Investment	15.045%	80.978%	3.977%	0.000%	0.000%
AMI Capital Expenditures	8.492%	81.386%	9.393%	0.466%	0.254%
Number of New AMI Indexes	8.610%	82.893%	8.360%	0.089%	0.048%
Non Transportation New Indexes	8.621%	82.995%	8.336%	0.043%	0.005%
Cost Category					
Stranded Cost Adjustment					
AMI Plant Additions and Deferred AMI Costs					
O&M Expense					
AMI Savings					
Adjusted Net Rate Base					
AMI Net Plant Additions	\$ -	\$ -	\$ -	\$ -	\$ -
AMI Stranded Costs	\$ -	\$ -	\$ -	\$ -	\$ -
AMI Deferred Costs	\$ 51,516	\$ 493,805	\$ 56,984	\$ 2,825	\$ 1,542
	\$ 51,516	\$ 493,805	\$ 56,984	\$ 2,825	\$ 1,542
Required Rate of Return	8.04%	8.04%	8.04%	8.04%	8.04%
Required Operating Income					
AMI O&M Expense	\$ -	\$ -	\$ -	\$ -	\$ -
AMI O&M Savings	\$ -	\$ -	\$ -	\$ -	\$ -
AMI Net Plant Additions	\$ -	\$ -	\$ -	\$ -	\$ -
AMI Stranded Costs	\$ -	\$ -	\$ -	\$ -	\$ -
AMI Deferred Costs	\$ 4,142	\$ 39,702	\$ 4,582	\$ 227	\$ 124
	\$ 4,142	\$ 39,702	\$ 4,582	\$ 227	\$ 124
Pro-Forma Operating Income					
AMI O&M Expense	\$ -	\$ -	\$ -	\$ -	\$ -
AMI O&M Savings	\$ -	\$ -	\$ -	\$ -	\$ -
AMI Net Plant Additions	\$ -	\$ -	\$ -	\$ -	\$ -
AMI Stranded Costs	\$ -	\$ -	\$ -	\$ -	\$ -
AMI Deferred Costs	\$ (3,553)	\$ (34,055)	\$ (3,930)	\$ (195)	\$ (106)
	\$ (3,553)	\$ (34,055)	\$ (3,930)	\$ (195)	\$ (106)
Operating Income Deficiency					
AMI O&M Expense	\$ -	\$ -	\$ -	\$ -	\$ -
AMI O&M Savings	\$ -	\$ -	\$ -	\$ -	\$ -
AMI Net Plant Additions	\$ -	\$ -	\$ -	\$ -	\$ -
AMI Stranded Costs	\$ -	\$ -	\$ -	\$ -	\$ -
AMI Deferred Costs	\$ 90,616	\$ 73,757	\$ 8,511	\$ 422	\$ 230
	\$ 90,616	\$ 73,757	\$ 8,511	\$ 422	\$ 230
Revenue Conversion Factor	1.69013	1.69013	1.69013	1.69013	1.69013
Revenue Requirement					
AMI O&M Expense	\$ -	\$ -	\$ -	\$ -	\$ -
AMI O&M Savings	\$ -	\$ -	\$ -	\$ -	\$ -
AMI Net Plant Additions	\$ -	\$ -	\$ -	\$ -	\$ -
AMI Stranded Costs	\$ -	\$ -	\$ -	\$ -	\$ -
AMI Deferred Costs	\$ 13,005	\$ 124,660	\$ 14,385	\$ 713	\$ 389
	\$ 13,005	\$ 124,660	\$ 14,385	\$ 713	\$ 389

Delmarva Power & Light Company - Delaware
 Development of Proposed Gas Delivery Rates
 Rate Class Allocation of Delivery Revenue Requirements
 AMI Revenue Requirement Adjustment

	Present Index Retirement	AMI Project CAP EX	Number of New Indexes	Stranded Cost	Allocation Factors		
					AMI Investment	AMI O&M	AMI Savings
Plant Data	\$ 4,752,885	\$ 12,625,126	123,924				
RESIDENTIAL	\$ 715,084	\$ 1,072,070	10,670	0.1505	0.0849	0.0861	0.0862
RESIDENTIAL HEAT	\$ 3,848,776	\$ 10,276,310	102,724	0.8098	0.8140	0.8289	0.8300
ALL RESIDENTIAL	\$ 4,563,860	\$ 11,348,380	113,394				
GG	\$ 189,025	\$ 1,163,393	10,318	0.0398	0.0921	0.0833	0.0834
GVFT	\$ -	\$ 22,469	42	-	0.0018	0.0003	
MVG	\$ -	\$ 28,293	53	-	0.0022	0.0004	0.0004
MVFT	\$ -	\$ 26,213	49	-	0.0021	0.0004	
LVG	\$ -	\$ 3,210	6	-	0.0003	0.0000	0.0000
LVFT	\$ -	\$ 23,538	44	-	0.0019	0.0004	
MVIT	\$ -	\$ 4,280	8	-	0.0003	0.0001	
LVIT	\$ -	\$ 5,350	10	-	0.0004	0.0001	
				1.0000	1.0000	1.0000	1.0000

	TOTAL COMPANY (1)	RESIDENTIAL HEATING (2)	RESIDENTIAL HEATING (3)	RESIDENTIAL + RESIDENTIAL HEATING (4)	GENERAL SERVICE (5)	MEDIUM VOLUME GENERAL (6)	LARGE VOLUME GENERAL (7)	LIGHTING (8)
1 <u>Summary Analysis of COSS Results</u>								
2 Demand Rev Req (\$)	\$ 33,391,562	\$ 439,764	\$ 17,732,874	\$ 18,172,638	\$ 9,946,686	\$ 2,032,902	\$ 3,239,135	\$ 201
3 Commodity Rev Req (\$)	\$ 7,181,443	\$ 128,251	\$ 4,412,080	\$ 4,540,332	\$ 2,363,141	\$ 201,106	\$ 76,776	\$ 89
4 Customer Rev Req (\$)	\$ 30,788,500	\$ 2,420,936	\$ 22,556,620	\$ 24,977,557	\$ 5,018,626	\$ 536,324	\$ 255,352	\$ 641
5 Total Base Rev Req (\$)	\$ 71,361,506	\$ 2,988,952	\$ 44,701,575	\$ 47,690,527	\$ 17,328,453	\$ 2,770,332	\$ 3,571,262	\$ 932
6								
7 Incremental AMI Revenue Requirement	\$ 153,152	\$ 13,005	\$ 124,660	\$ 137,665	\$ 14,385	\$ 713	\$ 389	\$ -
8 Total	\$ 71,514,658	\$ 3,001,957	\$ 44,826,234	\$ 47,828,191	\$ 17,342,839	\$ 2,771,045	\$ 3,571,652	\$ 932
9 Demand Rev Req (%)		14.65%	39.56%	38.00%	57.35%	73.36%	90.69%	21.59%
10 Commodity Rev Req (%)		4.27%	9.84%	9.49%	13.63%	7.26%	2.15%	9.58%
11 Customer Rev Req (%)		81.08%	50.60%	52.51%	29.02%	19.38%	7.16%	68.83%

Delmarva Power & Light Company - Delaware
 Development of Proposed Gas Delivery Rates
 Development of Aggregate Design Day Contribution Factor

	<u>Residential</u>	<u>GG</u>
1 Sales Jan - Feb 2010 (MCF)	3,231,701	1,636,481
2 Customers Jan-Feb 2010	113,438	9,471
3 August 2009 Monthly Sales (MCF)	132,378	111,602
4 August 2009 Average Daily Usage (MCF) = Line 3/31	4,270	3,600
5 Customers - August 2009	112,441	9,341
6 Non-Heating Usage (MCF) = Line 4 / Line 5 x (31 + 28) x Line 2	254,163	215,345
7 Heating Usage (MCF) = Line 1 - Line 6	2,977,538	1,421,136
8 Heating Degree Days: Jan - Feb 2010	2,019	2,019
9 Heating Usage per Degree Day per Customer (=Line 7/ Line 8 / Line 2)	0.01300	0.07433
10 Design Day Degrees	65	65
11 Peak Day Heating Usage = Line 2 x Line 9 x Line 10	95,871	45,758
12 Peak Day Non Heating Usage = Line 6 / (31+ 28)	4,308	3,650
13 Design Day Contribution (MCF) = Line 11 + Line 12	100,179	49,408
14 Design Day Contribution per Customer (MCF) =Line 13 / Line 2	0.88312	5.21703

Delmarva Power & Light Company - Delaware
Development of Proposed Gas Delivery Rates
Residential Gas Service Rate Design
Using Twelve Months Ending December 2009 Actual Data

Revenue Required \$ 50,801,743

Existing Rate Design

Proposed Rate Design

Rate Element	Billing Determinants	Current Rate	Annualized Revenue	Billing Determinants	Revenue Neutral Rate Targets	Annualized Revenue at Revenue Neutral Rates	Recovery Allocation at Revenue Neutral Rates	Proposed Rate	Proposed Revenue
Customer Charge (\$ per month)	1,356,454 \$	9.56 \$	12,967,700	1,356,454 \$	13.00 \$	17,633,902	0.4101 \$	15.36 \$	20,832,784
First 50 CCF Commodity Rate	39,492,299 \$	0.42101 \$	16,626,653						
Winter Over 50 CCF Commodity Rate	39,683,762 \$	0.33784 \$	13,406,762						
Design Day Contribution Rate (\$ per CCF of DDC per Year)				12,021,483 \$	2.11016 \$	25,367,213	0.5899 \$	2.49295 \$	29,968,959
Total			<u>\$ 43,001,115</u>			<u>\$ 43,001,115</u>			<u>\$ 50,801,743</u>

Delmarva Power & Light Company - Delaware
Development of Proposed Gas Delivery Rates
General Gas Service Rate Design
Using Twelve Months Ending December 2009 Actual Data

Total \$ 18,842,963

Rate Element	Existing Rate Design			Proposed Rate Design				Proposed Revenue
	Billing Determinants	Current Rate	Annualized Revenue	Billing Determinants	Revenue Neutral Rate Targets	Annualized Revenue at Revenue Neutral Rates	Recovery Allocation at Revenue Neutral Rates	
Customer Charge (\$ per month)								
GG	112,681 \$	27.31 \$	3,077,318	112,681 \$	40.00 \$	4,507,240	\$	43.94 \$
GVFT	408 \$	302.31 \$	123,342	408 \$	315.00 \$	128,520	\$	318.94 \$
						4,635,760	0.2696	\$
First 750 CCF Commodity Rate	20,819,001 \$	0.34975 \$	7,281,446					
Over 750 CCF Commodity Rate	25,685,033 \$	0.26125 \$	6,710,215					
Design Day Contribution Rate (\$ per CCF of DDC per Month)				5,928,943 \$	2.11784 \$	12,556,561	0.7304 \$	2.32118 \$
Total			\$ 17,192,321			\$ 17,192,321		\$ 18,842,963

Delmarva Power & Light Company - Delaware
Development of Proposed Gas Delivery Rates
Medium Volume Gas (MVG) Service Rate Design
Medium Volume Firm Transportation Service
Using Twelve Months Ending December 2009 Actual Data

Total	\$	2,983,517
Customer	\$	578,215
Demand	\$	2,188,776
Commodity	\$	216,526

	Rate Element	Billing Determinants	Current Rate	Annualized Revenue	Proposed Rate	Proposed Revenue
MVG	Customer Charge (\$ per month)	339	\$ 419.27	\$ 142,133	\$ 646.04	\$ 219,009
	Demand MDQ MCF Rate	54,480	\$ 13.39	\$ 729,487	\$ 15.77	\$ 859,383
	Commodity MCF Rate	383,496	\$ 0.42979	\$ 164,823	\$ 0.14434	\$ 55,356
				<u>\$ 1,036,442</u>		<u>\$ 1,133,747</u>
MVFT	Customer Charge (\$ per month)	390	\$ 694.27	\$ 270,765	\$ 921.04	\$ 359,207
	Demand MDQ MCF Rate	84,276	\$ 13.39	\$ 1,128,456	\$ 15.77	\$ 1,329,393
	Commodity MCF Rate	1,116,561	\$ 0.429790	\$ 479,887	\$ 0.14434	\$ 161,170
				<u>\$ 1,879,108</u>		<u>\$ 1,849,770</u>
	Total			<u>\$ 2,915,550</u>		<u>\$ 2,983,517</u>

Delmarva Power & Light Company - Delaware
 Development of Proposed Gas Delivery Rates
 Large Volume Gas (LVG) Service Rate Design
 Large Volume Firm Transportation Service
 Using Twelve Months Ending December 2009 Actual Data

Total	\$	3,517,374
Customer	\$	251,855
Demand	\$	3,189,910
Commodity	\$	75,609

	Rate Element	Billing Determinants	Current Rate	Annualized Revenue	Proposed Rate	Proposed Revenue
LVG	Customer Charge (\$ per month)	24	\$ 634.58	\$ 15,230	\$ 1,263.42	\$ 30,322
	Demand MDQ MCF Rate	6,972	\$ 8.24721	\$ 57,500	\$ 11.50	\$ 80,155
	Commodity MCF Rate	165,787	\$ 0.103390	\$ 17,141	\$ 0.01781	\$ 2,953
				<u>\$ 89,870</u>		<u>\$ 113,429</u>
LVFT	Customer Charge (\$ per month)	144	\$ 909.58	\$ 130,980	\$ 1,538.42	\$ 221,533
	Demand MDQ MCF Rate	270,492	\$ 8.24721	\$ 2,230,804	\$ 11.50	\$ 3,109,755
	Commodity MCF Rate	4,079,601	\$ 0.103390	\$ 421,790	\$ 0.01781	\$ 72,656
	Total			<u>\$ 2,783,574</u>		<u>\$ 3,403,944</u>
	Total			<u>\$ 2,873,444</u>		<u>\$ 3,517,374</u>

Delmarva Power & Light Company - Delaware
 Development of Proposed Gas Delivery Rates
 Gas Lighting Sales Service (GL) Rate Design
 Using Twelve Months Ending December 2009 Actual Data

Total	\$	869
Customer	\$	869

Rate Element	Billing Determinants	Current Rate	Annualized Revenue	Proposed Rate	Proposed Revenue
Customer Charge (\$ per month)	120 \$	5.92 \$	710 \$	7.24 \$	869 \$
Total			<u>\$ 710</u>		<u>\$ 869</u>

	Monthly Usage Levels (CCF)												Estimated DDC
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
60	60	60	48.6	29.4	12.9	7.7	5.7	5.1	5.3	8.7	18.1	35.1	3,714.41
80	80	80	64.8	39.2	17.2	10.3	7.6	6.9	7.0	11.6	24.2	46.8	4,952.55
100	100	100	81.0	48.9	21.5	12.9	9.5	8.6	8.8	14.5	30.2	58.5	6,190.69
120	120	120	97.3	58.7	25.8	15.5	11.4	10.3	10.5	17.4	36.3	70.1	7,428.82
140	140	140	113.5	68.5	30.1	18.0	13.3	12.0	12.3	20.3	42.3	81.8	8,666.96
160	160	160	129.7	78.3	34.4	20.6	15.3	13.7	14.1	23.2	48.3	93.5	9,905.10
180	180	180	145.9	88.1	38.7	23.2	17.2	15.4	15.8	26.1	54.4	105.2	11,143.24
200	200	200	162.1	97.9	43.0	25.8	19.1	17.2	17.6	29.1	60.4	116.9	12,381.37
300	300	300	243.1	146.8	64.5	38.6	28.6	25.7	26.4	43.6	90.6	175.4	18,572.06

	Current Monthly Bill (\$)												Annual Total Bill Current Rates
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
\$	90.49	90.49	75.82	49.58	27.13	20.09	17.36	16.57	16.74	21.44	34.26	57.35	\$ 517.32
\$	116.08	116.08	96.68	62.92	32.98	23.60	19.95	18.91	19.14	25.40	42.50	73.29	\$ 647.51
\$	141.67	141.67	117.41	76.26	38.84	27.11	22.55	21.25	21.53	29.36	50.73	88.51	\$ 776.89
\$	167.26	167.26	138.15	88.87	44.70	30.62	25.15	23.59	23.93	33.31	58.96	103.47	\$ 905.27
\$	192.85	192.85	158.89	101.39	50.55	34.12	27.75	25.92	26.32	37.27	67.20	118.43	\$ 1,033.56
\$	218.44	218.44	179.63	113.92	56.41	37.63	30.35	28.26	28.72	41.23	75.43	133.39	\$ 1,161.85
\$	244.03	244.03	200.37	126.44	62.26	41.14	32.95	30.60	31.11	45.19	83.30	148.35	\$ 1,289.78
\$	269.62	269.62	221.11	138.97	68.12	44.65	35.55	32.94	33.51	49.15	91.03	163.31	\$ 1,417.57
\$	397.57	397.57	324.81	201.59	96.20	62.20	48.54	44.63	45.48	69.95	129.69	238.10	\$ 2,055.31

	Proposed Monthly Bill (\$)												Annual Total Bill Difference (\$)	Average Monthly Bill Difference (\$)	Annual Total Bill Difference (%)	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec				
\$	81.12	81.12	70.41	52.27	36.76	31.89	30.01	29.46	29.58	32.83	41.69	57.65	\$ 574.78	\$ 57.46	\$ 4.79	11.11%
\$	103.04	103.04	88.76	64.58	43.89	37.40	34.89	34.17	34.32	38.65	50.46	71.74	\$ 704.94	\$ 57.43	\$ 4.79	8.87%
\$	124.96	124.96	107.11	76.88	51.03	42.92	39.77	38.67	39.07	44.47	59.24	85.84	\$ 835.10	\$ 58.21	\$ 4.85	7.49%
\$	146.88	146.88	125.46	89.18	58.16	48.43	44.65	43.57	43.81	50.29	68.02	99.93	\$ 965.26	\$ 59.99	\$ 5.00	6.63%
\$	168.80	168.80	143.81	101.49	65.29	53.94	49.53	48.27	48.55	56.12	76.79	114.03	\$ 1,095.41	\$ 61.86	\$ 5.15	5.98%
\$	190.72	190.72	162.16	113.79	72.43	59.45	54.42	52.97	53.29	61.94	85.57	128.12	\$ 1,225.57	\$ 63.72	\$ 5.31	5.48%
\$	212.63	212.63	180.51	126.10	79.56	64.96	59.30	57.68	58.03	67.76	94.35	142.22	\$ 1,355.73	\$ 65.95	\$ 5.50	5.11%
\$	234.55	234.55	198.86	138.40	86.69	70.47	64.18	62.38	62.77	73.58	103.12	156.32	\$ 1,485.89	\$ 68.32	\$ 5.69	4.82%
\$	344.15	344.15	290.61	199.93	122.36	98.03	88.59	85.89	86.48	102.69	147.01	226.79	\$ 2,136.69	\$ 81.37	\$ 6.78	3.96%

Delmarva Power Light Company - Delaware Gas
General Gas Service Classification
Bill Impact Analysis

MONTHLY WINTER SALES (CCF)	Non-Winter Usage (as a percentage of Average Summer Usage)										
	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
0	-	-	-	-	-	-	-	-	-	-	-
25	2.50	5.00	7.50	10.00	12.50	15.00	17.50	20.00	22.50	25.00	-
50	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	45.00	50.00	-
75	7.50	15.00	22.50	30.00	37.50	45.00	52.50	60.00	67.50	75.00	-
100	10.00	20.00	30.00	40.00	50.00	60.00	70.00	80.00	90.00	100.00	-
200	20.00	40.00	60.00	80.00	100.00	120.00	140.00	160.00	180.00	200.00	-
300	30.00	60.00	90.00	120.00	150.00	180.00	210.00	240.00	270.00	300.00	-
400	40.00	80.00	120.00	160.00	200.00	240.00	280.00	320.00	360.00	400.00	-
500	50.00	100.00	150.00	200.00	250.00	300.00	350.00	400.00	450.00	500.00	-
1000	100.00	200.00	300.00	400.00	500.00	600.00	700.00	800.00	900.00	1,000.00	-
1500	150.00	300.00	450.00	600.00	750.00	900.00	1,050.00	1,200.00	1,350.00	1,500.00	-
2000	200.00	400.00	600.00	800.00	1,000.00	1,200.00	1,400.00	1,600.00	1,800.00	2,000.00	-
2500	250.00	500.00	750.00	1,000.00	1,250.00	1,500.00	1,750.00	2,000.00	2,250.00	2,500.00	-
3000	300.00	600.00	900.00	1,200.00	1,500.00	1,800.00	2,100.00	2,400.00	2,700.00	3,000.00	-
3500	350.00	700.00	1,050.00	1,400.00	1,750.00	2,100.00	2,450.00	2,800.00	3,150.00	3,500.00	-
4000	400.00	800.00	1,200.00	1,600.00	2,000.00	2,400.00	2,800.00	3,200.00	3,600.00	4,000.00	-
4500	450.00	900.00	1,350.00	1,800.00	2,250.00	2,700.00	3,150.00	3,600.00	4,050.00	4,500.00	-
5000	500.00	1,000.00	1,500.00	2,000.00	2,500.00	3,000.00	3,500.00	4,000.00	4,500.00	5,000.00	-
6000	600.00	1,200.00	1,800.00	2,400.00	3,000.00	3,600.00	4,200.00	4,800.00	5,400.00	6,000.00	-
7000	700.00	1,400.00	2,100.00	2,800.00	3,500.00	4,200.00	4,900.00	5,600.00	6,300.00	7,000.00	-
8000	800.00	1,600.00	2,400.00	3,200.00	4,000.00	4,800.00	5,600.00	6,400.00	7,200.00	8,000.00	-
9000	900.00	1,800.00	2,700.00	3,600.00	4,500.00	5,400.00	6,300.00	7,200.00	8,100.00	9,000.00	-
10000	1,000.00	2,000.00	3,000.00	4,000.00	5,000.00	6,000.00	7,000.00	8,000.00	9,000.00	10,000.00	-
12000	1,200.00	2,400.00	3,600.00	4,800.00	6,000.00	7,200.00	8,400.00	9,600.00	10,800.00	12,000.00	-
14000	1,400.00	2,800.00	4,200.00	5,600.00	7,000.00	8,400.00	9,800.00	11,200.00	12,600.00	14,000.00	-
16000	1,600.00	3,200.00	4,800.00	6,400.00	8,000.00	9,600.00	11,200.00	12,800.00	14,400.00	16,000.00	-
18000	1,800.00	3,600.00	5,400.00	7,200.00	9,000.00	10,800.00	12,600.00	14,400.00	16,200.00	18,000.00	-
20000	2,000.00	4,000.00	6,000.00	8,000.00	10,000.00	12,000.00	14,000.00	16,000.00	18,000.00	20,000.00	-

Delmarva Power Light Company - Delaware Gas
General Gas Service Classification
Bill Impact Analysis

MONTHLY WINTER SALES (CCF)	Non-Winter Usage (as a percentage of Average Winter Usage) →											
	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	
0												
25	1.74520	1.65977	1.57434	1.48891	1.40348	1.31805	1.23262	1.14719	1.06176	0.97633	0.89090	
50	3.49040	3.31954	3.14868	2.97782	2.80696	2.63610	2.46524	2.29438	2.12352	1.95266	1.78179	
75	5.23560	4.97931	4.72302	4.46673	4.21044	3.95415	3.69786	3.44156	3.18527	2.92898	2.67269	
100	6.98080	6.63908	6.29736	5.95564	5.61392	5.27220	4.93047	4.58875	4.24703	3.90531	3.56359	
200	13.96161	13.27818	12.59472	11.91128	11.22782	10.54439	9.86095	9.17750	8.49406	7.81062	7.12717	
300	20.94241	19.91724	18.89208	17.86691	16.84175	15.81659	14.79142	13.76626	12.74109	11.71593	10.69076	
400	27.92321	26.55632	25.18944	23.82255	22.45567	21.08878	19.72189	18.35501	16.98812	15.62124	14.25435	
500	34.90401	33.19541	31.48680	29.77819	28.06958	26.36098	24.65237	22.94376	21.23515	19.52654	17.81794	
1000	69.80803	66.39081	62.97360	59.55638	56.13917	52.72195	49.30473	45.88752	42.47030	39.05309	35.63587	
1500	104.71204	99.58622	94.46040	89.33457	84.20875	79.08293	73.95710	68.83128	63.70546	58.57963	53.45381	
2000	139.61606	132.78162	125.94719	119.11276	112.27833	105.44390	98.60947	91.77504	84.94061	78.10618	71.27174	
2500	174.52007	165.97703	157.43399	148.89095	140.34791	131.80488	123.26184	114.71880	106.17576	97.63272	89.08968	
3000	209.42408	199.17244	188.92079	178.66914	168.41750	158.16585	147.91420	137.66256	127.41091	117.15926	106.90762	
3500	244.32810	232.36784	220.40759	208.44733	196.48708	184.52683	172.56657	160.60632	148.64606	136.68581	124.72555	
4000	279.23211	265.56325	251.89439	238.22552	224.55666	210.88780	197.21894	183.55008	169.88121	156.21235	142.54349	
4500	314.13613	298.75866	283.38119	268.00372	252.62625	237.24878	221.87131	206.49384	191.11637	175.73890	160.36143	
5000	349.04014	331.95406	314.86798	297.78191	280.69583	263.60975	246.52367	229.43760	212.35152	195.26544	178.17936	
6000	418.84817	398.34487	377.84158	357.33829	336.83499	316.33170	295.82841	275.32511	254.82182	234.31853	213.81523	
7000	488.65620	464.73569	440.81518	416.89467	392.97416	369.05365	345.13314	321.21263	297.29212	273.37162	249.45111	
8000	558.46422	531.12650	503.78877	476.45105	449.11333	421.77560	394.43788	367.10015	339.76243	312.42470	285.08698	
9000	628.27225	597.51731	566.76237	536.00743	505.25249	474.49755	443.74261	412.98767	382.23273	351.47779	320.72285	
10000	698.08028	663.90812	629.73597	595.56381	561.39166	527.21950	493.04735	458.87519	424.70303	390.53088	356.35872	
12000	837.69634	796.68975	755.68316	714.67657	673.66999	632.66340	591.65681	550.65023	509.64364	468.63705	427.63047	
14000	977.31239	929.47137	881.63036	833.78934	785.94832	738.10730	690.26628	642.42527	594.58425	546.74323	498.90221	
16000	1,116.92845	1,062.25300	1,007.57755	952.90210	898.22665	843.55120	788.87575	734.20030	679.52486	624.84941	570.17396	
18000	1,256.54450	1,195.03462	1,133.52474	1,072.01486	1,010.50498	948.99510	887.48522	825.97534	764.46546	702.95558	641.44570	
20000	1,396.16056	1,327.81625	1,259.47194	1,191.12762	1,122.78331	1,054.43900	986.09469	917.75038	849.40607	781.06176	712.71745	

Delmarva Power Light Company - Delaware Gas
General Gas Service Classification
Bill Impact Analysis

MONTHLY WINTER SALES (CCF)	Annual Average Bill (Existing Rates)										
	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
0	\$ 327.72	\$ 327.72	\$ 327.72	\$ 327.72	\$ 327.72	\$ 327.72	\$ 327.72	\$ 327.72	\$ 327.72	\$ 327.72	\$ 327.72
25	\$ 485.50	\$ 507.59	\$ 529.68	\$ 551.77	\$ 573.85	\$ 595.94	\$ 618.03	\$ 640.12	\$ 662.21	\$ 684.30	\$ 706.39
50	\$ 643.28	\$ 687.46	\$ 731.63	\$ 775.81	\$ 819.99	\$ 864.17	\$ 908.35	\$ 952.52	\$ 996.70	\$ 1,040.88	\$ 1,085.06
75	\$ 801.06	\$ 867.32	\$ 933.59	\$ 999.86	\$ 1,066.12	\$ 1,132.39	\$ 1,198.66	\$ 1,264.93	\$ 1,331.19	\$ 1,397.46	\$ 1,463.73
100	\$ 958.84	\$ 1,047.19	\$ 1,135.55	\$ 1,223.90	\$ 1,312.26	\$ 1,400.62	\$ 1,488.97	\$ 1,577.33	\$ 1,665.68	\$ 1,754.04	\$ 1,842.40
200	\$ 1,589.95	\$ 1,766.66	\$ 1,943.37	\$ 2,120.09	\$ 2,296.80	\$ 2,473.51	\$ 2,650.22	\$ 2,826.94	\$ 3,003.65	\$ 3,180.36	\$ 3,357.07
300	\$ 2,221.07	\$ 2,486.13	\$ 2,751.20	\$ 3,016.27	\$ 3,281.34	\$ 3,546.41	\$ 3,811.47	\$ 4,076.54	\$ 4,341.61	\$ 4,606.68	\$ 4,871.75
400	\$ 2,852.18	\$ 3,205.60	\$ 3,559.03	\$ 3,912.45	\$ 4,265.88	\$ 4,619.30	\$ 4,972.73	\$ 5,326.15	\$ 5,679.58	\$ 6,033.00	\$ 6,386.42
500	\$ 3,483.30	\$ 3,925.08	\$ 4,366.86	\$ 4,808.64	\$ 5,250.42	\$ 5,692.20	\$ 6,133.98	\$ 6,575.76	\$ 7,017.54	\$ 7,459.32	\$ 7,901.10
1000	\$ 6,528.25	\$ 7,411.81	\$ 8,295.37	\$ 9,178.93	\$ 10,062.49	\$ 10,946.05	\$ 11,829.61	\$ 12,713.17	\$ 13,596.73	\$ 14,480.29	\$ 15,363.85
1500	\$ 9,462.57	\$ 10,787.91	\$ 12,113.25	\$ 13,438.59	\$ 14,763.94	\$ 16,089.28	\$ 17,414.62	\$ 18,739.96	\$ 20,065.30	\$ 21,390.64	\$ 22,715.98
2000	\$ 12,396.90	\$ 14,164.02	\$ 15,931.14	\$ 17,698.26	\$ 19,465.38	\$ 21,232.50	\$ 22,999.62	\$ 24,766.74	\$ 26,533.86	\$ 28,300.98	\$ 30,068.10
2500	\$ 15,331.22	\$ 17,540.12	\$ 19,749.03	\$ 21,957.93	\$ 24,166.84	\$ 26,375.74	\$ 28,584.64	\$ 30,793.54	\$ 32,999.99	\$ 35,206.44	\$ 37,412.89
3000	\$ 18,265.55	\$ 20,916.23	\$ 23,566.91	\$ 26,217.59	\$ 28,868.27	\$ 31,518.95	\$ 34,169.63	\$ 36,820.31	\$ 39,471.00	\$ 42,121.68	\$ 44,772.36
3500	\$ 21,199.87	\$ 24,292.33	\$ 27,384.80	\$ 30,477.27	\$ 33,569.74	\$ 36,662.21	\$ 39,754.68	\$ 42,847.15	\$ 45,939.62	\$ 49,032.09	\$ 52,124.56
4000	\$ 24,134.20	\$ 27,668.44	\$ 31,171.71	\$ 34,655.15	\$ 38,148.49	\$ 41,641.83	\$ 45,135.17	\$ 48,628.51	\$ 52,121.85	\$ 55,615.19	\$ 59,108.53
4500	\$ 27,068.52	\$ 31,044.54	\$ 34,927.64	\$ 38,812.89	\$ 42,688.14	\$ 46,553.49	\$ 50,423.84	\$ 54,294.19	\$ 58,164.54	\$ 62,034.89	\$ 65,905.24
5000	\$ 30,002.85	\$ 34,420.65	\$ 38,838.58	\$ 43,257.52	\$ 47,686.45	\$ 52,115.38	\$ 56,544.31	\$ 60,973.24	\$ 65,402.17	\$ 69,831.10	\$ 74,260.03
6000	\$ 35,871.50	\$ 41,172.86	\$ 46,485.45	\$ 51,795.12	\$ 57,117.43	\$ 62,439.74	\$ 67,762.05	\$ 73,084.36	\$ 78,406.67	\$ 83,728.98	\$ 89,051.29
7000	\$ 41,740.15	\$ 47,925.07	\$ 53,707.32	\$ 59,489.57	\$ 65,271.82	\$ 71,054.07	\$ 76,836.32	\$ 82,618.57	\$ 88,400.82	\$ 94,183.07	\$ 100,000.00
8000	\$ 47,608.80	\$ 54,646.31	\$ 61,219.20	\$ 67,792.08	\$ 74,364.97	\$ 80,937.86	\$ 87,510.75	\$ 94,083.64	\$ 100,656.52	\$ 107,229.41	\$ 113,802.30
9000	\$ 53,477.45	\$ 61,336.57	\$ 68,731.07	\$ 76,125.57	\$ 83,520.07	\$ 90,914.57	\$ 98,309.06	\$ 105,703.56	\$ 113,098.06	\$ 120,492.56	\$ 127,887.06
10000	\$ 59,346.10	\$ 68,026.83	\$ 76,242.94	\$ 84,459.05	\$ 92,675.16	\$ 100,891.27	\$ 109,107.38	\$ 117,323.49	\$ 125,539.60	\$ 133,755.71	\$ 141,971.82
12000	\$ 71,083.40	\$ 81,407.35	\$ 91,266.68	\$ 101,126.02	\$ 110,985.35	\$ 120,844.68	\$ 130,704.01	\$ 140,563.34	\$ 150,422.68	\$ 160,282.01	\$ 170,141.34
14000	\$ 82,820.70	\$ 94,787.87	\$ 106,290.43	\$ 117,792.98	\$ 129,295.54	\$ 140,798.09	\$ 152,300.64	\$ 163,803.20	\$ 175,305.75	\$ 186,808.31	\$ 198,310.86
16000	\$ 94,558.00	\$ 108,168.40	\$ 121,314.17	\$ 134,459.95	\$ 147,605.72	\$ 160,751.50	\$ 173,897.28	\$ 187,043.05	\$ 200,188.83	\$ 213,334.60	\$ 226,480.38
18000	\$ 106,295.30	\$ 121,548.92	\$ 136,337.92	\$ 151,126.91	\$ 165,915.91	\$ 180,704.91	\$ 195,493.91	\$ 210,282.91	\$ 225,071.90	\$ 239,860.90	\$ 254,649.90
20000	\$ 118,032.60	\$ 134,929.44	\$ 151,361.66	\$ 167,793.88	\$ 184,226.10	\$ 200,658.32	\$ 217,090.54	\$ 233,522.76	\$ 249,954.98	\$ 266,387.20	\$ 282,819.42

Delmarva Power Light Company - Delaware Gas
General Gas Service Classification
Bill Impact Analysis

MONTHLY WINTER SALES (CCF)	Annual Average Bill (Proposed Rates)										
	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
0	\$ 527.23	\$ 527.23	\$ 527.23	\$ 527.23	\$ 527.23	\$ 527.23	\$ 527.23	\$ 527.23	\$ 527.23	\$ 527.23	\$ 527.23
25	\$ 693.55	\$ 707.64	\$ 721.74	\$ 735.84	\$ 749.94	\$ 764.04	\$ 778.14	\$ 792.24	\$ 806.34	\$ 820.44	\$ 834.54
50	\$ 859.86	\$ 888.06	\$ 916.26	\$ 944.46	\$ 972.66	\$ 1,000.86	\$ 1,029.05	\$ 1,057.25	\$ 1,085.45	\$ 1,113.65	\$ 1,141.85
75	\$ 1,026.18	\$ 1,068.48	\$ 1,110.78	\$ 1,153.07	\$ 1,195.37	\$ 1,237.67	\$ 1,279.97	\$ 1,322.26	\$ 1,364.56	\$ 1,406.86	\$ 1,449.16
100	\$ 1,192.50	\$ 1,248.89	\$ 1,305.29	\$ 1,361.69	\$ 1,418.09	\$ 1,474.48	\$ 1,530.88	\$ 1,587.28	\$ 1,643.67	\$ 1,700.07	\$ 1,756.47
200	\$ 1,857.77	\$ 1,970.56	\$ 2,083.35	\$ 2,196.15	\$ 2,308.94	\$ 2,421.74	\$ 2,534.53	\$ 2,647.33	\$ 2,760.12	\$ 2,872.91	\$ 2,985.71
300	\$ 2,523.04	\$ 2,692.23	\$ 2,861.42	\$ 3,030.61	\$ 3,199.80	\$ 3,368.99	\$ 3,538.18	\$ 3,707.38	\$ 3,876.57	\$ 4,045.76	\$ 4,214.95
400	\$ 3,188.30	\$ 3,413.89	\$ 3,639.48	\$ 3,865.07	\$ 4,090.66	\$ 4,316.25	\$ 4,541.84	\$ 4,767.42	\$ 4,993.01	\$ 5,218.60	\$ 5,444.19
500	\$ 3,853.57	\$ 4,135.56	\$ 4,417.54	\$ 4,699.53	\$ 4,981.52	\$ 5,263.50	\$ 5,545.49	\$ 5,827.47	\$ 6,109.46	\$ 6,391.45	\$ 6,673.43
1000	\$ 7,179.92	\$ 7,743.89	\$ 8,307.86	\$ 8,871.83	\$ 9,435.80	\$ 9,999.78	\$ 10,563.75	\$ 11,127.72	\$ 11,691.69	\$ 12,255.66	\$ 12,819.63
1500	\$ 10,506.26	\$ 11,352.22	\$ 12,198.18	\$ 13,044.14	\$ 13,890.09	\$ 14,736.05	\$ 15,582.01	\$ 16,427.96	\$ 17,273.92	\$ 18,119.88	\$ 18,965.84
2000	\$ 13,832.61	\$ 14,960.55	\$ 16,088.50	\$ 17,216.44	\$ 18,344.38	\$ 19,472.32	\$ 20,600.27	\$ 21,728.21	\$ 22,856.15	\$ 23,984.10	\$ 25,112.04
2500	\$ 17,158.95	\$ 18,568.88	\$ 19,978.81	\$ 21,388.74	\$ 22,798.67	\$ 24,208.60	\$ 25,618.53	\$ 27,028.46	\$ 28,438.38	\$ 29,848.31	\$ 31,258.24
3000	\$ 20,485.30	\$ 22,177.21	\$ 23,869.13	\$ 25,561.04	\$ 27,252.96	\$ 28,944.87	\$ 30,636.79	\$ 32,328.70	\$ 34,020.62	\$ 35,712.53	\$ 37,404.44
3500	\$ 23,811.65	\$ 25,785.55	\$ 27,759.45	\$ 29,733.35	\$ 31,707.25	\$ 33,681.15	\$ 35,655.05	\$ 37,628.95	\$ 39,602.85	\$ 41,576.75	\$ 43,550.65
4000	\$ 27,137.99	\$ 29,393.88	\$ 31,649.76	\$ 33,905.65	\$ 36,161.53	\$ 38,417.42	\$ 40,673.31	\$ 42,929.19	\$ 45,185.08	\$ 47,440.96	\$ 49,696.85
4500	\$ 30,464.34	\$ 33,002.21	\$ 35,540.08	\$ 38,077.95	\$ 40,615.82	\$ 43,153.69	\$ 45,691.57	\$ 48,229.44	\$ 50,767.31	\$ 53,305.18	\$ 55,843.05
5000	\$ 33,790.68	\$ 36,610.54	\$ 39,430.40	\$ 42,250.25	\$ 45,070.11	\$ 47,889.97	\$ 50,709.83	\$ 53,529.68	\$ 56,349.54	\$ 59,169.40	\$ 61,989.26
6000	\$ 40,443.37	\$ 43,827.20	\$ 47,211.03	\$ 50,594.86	\$ 53,978.69	\$ 57,362.52	\$ 60,746.35	\$ 64,130.18	\$ 67,514.00	\$ 70,897.83	\$ 74,281.66
7000	\$ 47,096.06	\$ 51,043.86	\$ 54,991.66	\$ 58,939.46	\$ 62,887.27	\$ 66,835.07	\$ 70,782.87	\$ 74,730.67	\$ 78,678.47	\$ 82,626.27	\$ 86,574.07
8000	\$ 53,748.75	\$ 58,260.53	\$ 62,772.30	\$ 67,284.07	\$ 71,795.84	\$ 76,307.61	\$ 80,819.39	\$ 85,331.16	\$ 89,842.93	\$ 94,354.70	\$ 98,866.47
9000	\$ 60,401.44	\$ 65,477.19	\$ 70,552.93	\$ 75,628.68	\$ 80,704.42	\$ 85,780.16	\$ 90,855.91	\$ 95,931.65	\$ 101,007.39	\$ 106,083.14	\$ 111,158.88
10000	\$ 67,054.14	\$ 72,693.85	\$ 78,333.57	\$ 83,973.28	\$ 89,613.00	\$ 95,252.71	\$ 100,892.42	\$ 106,532.14	\$ 112,171.85	\$ 117,811.57	\$ 123,451.28
12000	\$ 80,359.52	\$ 87,127.17	\$ 93,894.83	\$ 100,662.49	\$ 107,430.15	\$ 114,197.81	\$ 120,965.46	\$ 127,733.12	\$ 134,500.78	\$ 141,268.44	\$ 148,036.10
14000	\$ 93,664.90	\$ 101,560.50	\$ 109,456.10	\$ 117,351.70	\$ 125,247.30	\$ 133,142.90	\$ 141,038.50	\$ 148,934.10	\$ 156,829.71	\$ 164,725.31	\$ 172,620.91
16000	\$ 106,970.28	\$ 115,993.82	\$ 125,017.37	\$ 134,040.91	\$ 143,064.46	\$ 152,088.00	\$ 161,111.54	\$ 170,135.09	\$ 179,158.63	\$ 188,182.17	\$ 197,205.72
18000	\$ 120,275.66	\$ 130,427.15	\$ 140,578.64	\$ 150,730.12	\$ 160,881.61	\$ 171,033.10	\$ 181,184.58	\$ 191,336.07	\$ 201,487.56	\$ 211,639.04	\$ 221,790.53
20000	\$ 133,581.04	\$ 144,860.47	\$ 156,139.90	\$ 167,419.33	\$ 178,698.76	\$ 189,978.19	\$ 201,257.62	\$ 212,537.05	\$ 223,816.48	\$ 235,095.91	\$ 246,375.34

Delmarva Power Light Company - Delaware Gas
General Gas Service Classification
Bill Impact Analysis

MONTHLY WINTER SALES (CCF)	Annual Average Bill Impact (\$)										
	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
0	\$ 199.51	\$ 199.51	\$ 199.51	\$ 199.51	\$ 199.51	\$ 199.51	\$ 199.51	\$ 199.51	\$ 199.51	\$ 199.51	\$ 199.51
25	\$ 208.05	\$ 200.05	\$ 192.06	\$ 184.07	\$ 176.09	\$ 168.11	\$ 160.11	\$ 152.12	\$ 144.13	\$ 136.14	\$ 128.15
50	\$ 216.58	\$ 200.60	\$ 184.63	\$ 168.65	\$ 152.67	\$ 136.69	\$ 120.70	\$ 104.73	\$ 88.75	\$ 72.77	\$ 56.79
75	\$ 225.12	\$ 201.16	\$ 177.19	\$ 153.21	\$ 129.25	\$ 105.28	\$ 81.31	\$ 57.33	\$ 33.37	\$ 9.40	\$ (14.57)
100	\$ 233.66	\$ 201.70	\$ 169.74	\$ 137.79	\$ 105.83	\$ 73.86	\$ 41.91	\$ 9.95	\$ (22.01)	\$ (53.97)	\$ (85.93)
200	\$ 267.82	\$ 203.90	\$ 139.98	\$ 76.06	\$ 12.14	\$ (51.77)	\$ (115.69)	\$ (178.61)	\$ (243.53)	\$ (307.45)	\$ (371.36)
300	\$ 301.97	\$ 206.10	\$ 110.22	\$ 14.34	\$ (81.54)	\$ (177.42)	\$ (273.29)	\$ (369.16)	\$ (465.04)	\$ (560.92)	\$ (656.80)
400	\$ 336.12	\$ 208.29	\$ 80.45	\$ (47.38)	\$ (175.22)	\$ (303.05)	\$ (430.89)	\$ (558.73)	\$ (686.57)	\$ (814.40)	\$ (942.23)
500	\$ 370.27	\$ 210.48	\$ 50.68	\$ (109.11)	\$ (268.90)	\$ (428.70)	\$ (588.49)	\$ (748.29)	\$ (908.08)	\$ (1,067.87)	\$ (1,227.67)
1000	\$ 651.67	\$ 332.08	\$ 12.49	\$ (307.10)	\$ (626.69)	\$ (946.27)	\$ (1,285.86)	\$ (1,585.45)	\$ (1,874.07)	\$ (2,131.71)	\$ (2,389.35)
1500	\$ 1,043.69	\$ 584.31	\$ 84.93	\$ (394.45)	\$ (873.85)	\$ (1,353.23)	\$ (1,739.68)	\$ (2,126.15)	\$ (2,512.61)	\$ (2,899.06)	\$ (3,285.52)
2000	\$ 1,435.71	\$ 796.53	\$ 157.36	\$ (481.82)	\$ (1,090.03)	\$ (1,605.31)	\$ (2,120.58)	\$ (2,635.86)	\$ (3,151.15)	\$ (3,666.42)	\$ (4,181.70)
2500	\$ 1,827.73	\$ 1,028.76	\$ 229.78	\$ (569.19)	\$ (1,213.29)	\$ (1,857.38)	\$ (2,501.48)	\$ (3,145.58)	\$ (3,789.69)	\$ (4,433.78)	\$ (5,077.88)
3000	\$ 2,219.75	\$ 1,260.98	\$ 302.22	\$ (653.63)	\$ (1,336.54)	\$ (2,109.47)	\$ (2,892.38)	\$ (3,655.30)	\$ (4,428.21)	\$ (5,201.14)	\$ (5,974.06)
3500	\$ 2,611.78	\$ 1,493.22	\$ 374.65	\$ (743.06)	\$ (1,459.80)	\$ (2,361.54)	\$ (3,263.28)	\$ (4,165.01)	\$ (5,066.75)	\$ (5,968.49)	\$ (6,870.23)
4000	\$ 3,003.79	\$ 1,725.44	\$ 478.05	\$ (838.50)	\$ (1,583.07)	\$ (2,613.62)	\$ (3,644.17)	\$ (4,674.74)	\$ (5,705.29)	\$ (6,735.86)	\$ (7,766.41)
4500	\$ 3,395.82	\$ 1,957.67	\$ 612.44	\$ (934.94)	\$ (1,706.32)	\$ (2,865.70)	\$ (4,025.07)	\$ (5,184.45)	\$ (6,343.83)	\$ (7,503.21)	\$ (8,662.59)
5000	\$ 3,787.83	\$ 2,189.89	\$ 746.82	\$ (1,031.39)	\$ (1,829.58)	\$ (3,117.78)	\$ (4,405.97)	\$ (5,694.18)	\$ (6,982.37)	\$ (8,270.57)	\$ (9,558.76)
6000	\$ 4,571.87	\$ 2,694.34	\$ 1,015.58	\$ (1,302.26)	\$ (2,076.09)	\$ (3,621.33)	\$ (5,167.77)	\$ (6,713.60)	\$ (8,259.45)	\$ (9,805.28)	\$ (11,351.12)
7000	\$ 5,355.91	\$ 3,118.79	\$ 1,284.34	\$ (1,579.14)	\$ (2,322.61)	\$ (4,128.09)	\$ (5,929.56)	\$ (7,733.04)	\$ (9,536.52)	\$ (11,339.99)	\$ (13,143.47)
8000	\$ 6,139.95	\$ 3,614.22	\$ 1,553.10	\$ (1,858.01)	\$ (2,569.13)	\$ (4,630.25)	\$ (6,691.36)	\$ (8,752.48)	\$ (10,813.59)	\$ (12,874.71)	\$ (14,935.83)
9000	\$ 6,923.99	\$ 4,140.62	\$ 1,821.86	\$ (2,136.88)	\$ (2,815.65)	\$ (5,134.41)	\$ (7,453.15)	\$ (9,771.91)	\$ (12,090.67)	\$ (14,409.42)	\$ (16,728.18)
10000	\$ 7,708.04	\$ 4,667.02	\$ 2,090.63	\$ (2,416.77)	\$ (3,062.16)	\$ (5,638.56)	\$ (8,214.96)	\$ (10,791.35)	\$ (13,367.75)	\$ (15,944.14)	\$ (18,520.54)
12000	\$ 9,276.12	\$ 5,719.82	\$ 2,628.15	\$ (3,053.53)	\$ (3,555.20)	\$ (6,646.87)	\$ (9,738.55)	\$ (12,830.22)	\$ (15,921.90)	\$ (19,013.57)	\$ (22,105.24)
14000	\$ 10,844.20	\$ 6,772.63	\$ 3,165.67	\$ (3,688.24)	\$ (4,048.24)	\$ (7,655.19)	\$ (11,262.14)	\$ (14,869.10)	\$ (18,476.04)	\$ (22,083.00)	\$ (25,689.95)
16000	\$ 12,412.28	\$ 7,825.42	\$ 3,703.20	\$ (4,319.04)	\$ (4,541.26)	\$ (8,663.50)	\$ (12,785.74)	\$ (16,907.96)	\$ (21,030.20)	\$ (25,152.43)	\$ (29,274.66)
18000	\$ 13,980.36	\$ 8,878.23	\$ 4,240.72	\$ (4,996.79)	\$ (5,034.30)	\$ (9,671.81)	\$ (14,309.33)	\$ (18,946.84)	\$ (23,584.34)	\$ (28,221.86)	\$ (32,859.37)
20000	\$ 15,548.44	\$ 9,931.03	\$ 4,778.24	\$ (5,674.55)	\$ (5,527.34)	\$ (10,680.13)	\$ (15,832.92)	\$ (20,985.71)	\$ (26,138.50)	\$ (31,291.29)	\$ (36,444.08)

Delmarva Power Light Company - Delaware Gas
General Gas Service Classification
Bill Impact Analysis

MONTHLY WINTER SALES (CCF)	Annual Average Bill Impact (%)										
	Non-Winter Usage (as a percentage of Average Winter Usage) ----->										
	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
0	60.9%	60.9%	60.9%	60.9%	60.9%	60.9%	60.9%	60.9%	60.9%	60.9%	60.9%
25	42.9%	39.4%	36.3%	33.4%	30.7%	28.2%	25.9%	23.8%	21.8%	19.9%	18.1%
50	33.7%	29.2%	25.2%	21.7%	18.6%	15.8%	13.3%	11.0%	8.9%	7.0%	5.2%
75	28.1%	23.2%	19.0%	15.3%	12.1%	9.3%	6.8%	4.5%	2.5%	0.7%	-1.0%
100	24.4%	19.3%	14.9%	11.3%	8.1%	5.3%	2.8%	0.6%	-1.3%	-3.1%	-4.7%
200	16.8%	11.5%	7.2%	3.6%	0.5%	-2.1%	-4.4%	-6.4%	-8.1%	-9.7%	-11.1%
300	13.6%	8.3%	4.0%	0.5%	-2.5%	-5.0%	-7.2%	-9.1%	-10.7%	-12.2%	-13.5%
400	11.8%	6.5%	2.3%	-1.2%	-4.1%	-6.6%	-8.7%	-10.5%	-12.1%	-13.5%	-14.8%
500	10.6%	5.4%	1.2%	-2.3%	-5.1%	-7.5%	-9.6%	-11.4%	-12.9%	-14.3%	-15.5%
1000	10.0%	4.5%	0.2%	-3.3%	-6.2%	-8.6%	-10.7%	-12.5%	-13.8%	-14.8%	-15.7%
1500	11.0%	5.2%	0.7%	-2.9%	-5.9%	-8.4%	-10.0%	-11.5%	-12.7%	-13.8%	-14.8%
2000	11.6%	5.6%	1.0%	-2.7%	-5.6%	-7.6%	-9.3%	-10.8%	-12.1%	-13.3%	-14.3%
2500	11.9%	5.9%	1.2%	-2.6%	-5.1%	-7.1%	-8.9%	-10.4%	-11.8%	-12.9%	-14.0%
3000	12.2%	6.0%	1.3%	-2.2%	-4.7%	-6.8%	-8.6%	-10.2%	-11.5%	-12.7%	-13.8%
3500	12.3%	6.1%	1.4%	-1.8%	-4.4%	-6.6%	-8.4%	-10.0%	-11.3%	-12.6%	-13.6%
4000	12.4%	6.2%	1.5%	-1.6%	-4.2%	-6.4%	-8.2%	-9.8%	-11.2%	-12.4%	-13.5%
4500	12.5%	6.3%	1.8%	-1.4%	-4.0%	-6.2%	-8.1%	-9.7%	-11.1%	-12.3%	-13.4%
5000	12.6%	6.4%	1.9%	-1.3%	-3.9%	-6.1%	-8.0%	-9.6%	-11.0%	-12.3%	-13.4%
6000	12.7%	6.4%	2.2%	-1.0%	-3.7%	-5.9%	-7.8%	-9.5%	-10.9%	-12.1%	-13.3%
7000	12.8%	6.5%	2.4%	-0.9%	-3.6%	-5.8%	-7.7%	-9.4%	-10.8%	-12.1%	-13.2%
8000	12.9%	6.6%	2.5%	-0.7%	-3.5%	-5.7%	-7.6%	-9.3%	-10.7%	-12.0%	-13.1%
9000	12.9%	6.8%	2.7%	-0.7%	-3.4%	-5.6%	-7.6%	-9.2%	-10.7%	-12.0%	-13.1%
10000	13.0%	6.9%	2.7%	-0.6%	-3.3%	-5.6%	-7.5%	-9.2%	-10.6%	-11.9%	-13.0%
12000	13.0%	7.0%	2.9%	-0.5%	-3.2%	-5.5%	-7.5%	-9.1%	-10.6%	-11.9%	-13.0%
14000	13.1%	7.1%	3.0%	-0.4%	-3.1%	-5.4%	-7.4%	-9.1%	-10.5%	-11.8%	-12.9%
16000	13.1%	7.2%	3.1%	-0.3%	-3.1%	-5.4%	-7.4%	-9.0%	-10.5%	-11.8%	-12.9%
18000	13.2%	7.3%	3.1%	-0.3%	-3.0%	-5.4%	-7.3%	-9.0%	-10.5%	-11.8%	-12.9%
20000	13.2%	7.4%	3.2%	-0.2%	-3.0%	-5.3%	-7.3%	-9.0%	-10.5%	-11.7%	-12.9%

DELAWARE GAS BILLING COMPARISON
MEDIUM VOLUME GAS (MVG)

Current Rates Effective November 1, 2009
vs.
Proposed Rates

Monthly Sales (MCF)	MO2	Loss Factor	SUMMER - TOTAL BILL			WINTER - TOTAL BILL			ANNUAL IMPACT - TOTAL BILL		
			Present Base	Proposed GCR	Total	Present Base	Proposed GCR	Total	Present Base	Proposed GCR	Total
3,000	395	75	\$7,059	\$7,481	\$14,540	\$7,059	\$7,481	\$14,540	\$7,059	\$7,481	\$14,540
3,000	197	50	\$4,408	\$4,022	\$8,430	\$4,408	\$4,022	\$8,430	\$4,408	\$4,022	\$8,430
3,000	132	75	\$3,588	\$2,968	\$6,556	\$3,588	\$2,968	\$6,556	\$3,588	\$2,968	\$6,556
3,000	82	75	\$3,588	\$3,035	\$6,623	\$3,588	\$3,035	\$6,623	\$3,588	\$3,035	\$6,623
4,000	202	40	\$5,274	\$4,721	\$9,995	\$5,274	\$4,721	\$9,995	\$5,274	\$4,721	\$9,995
4,000	175	75	\$4,584	\$3,728	\$8,312	\$4,584	\$3,728	\$8,312	\$4,584	\$3,728	\$8,312
4,000	125	75	\$4,584	\$3,728	\$8,312	\$4,584	\$3,728	\$8,312	\$4,584	\$3,728	\$8,312
5,000	329	25	\$11,482	\$10,269	\$21,751	\$11,482	\$10,269	\$21,751	\$11,482	\$10,269	\$21,751
5,000	219	75	\$7,076	\$6,452	\$13,528	\$7,076	\$6,452	\$13,528	\$7,076	\$6,452	\$13,528
5,000	179	75	\$5,604	\$4,122	\$9,726	\$5,604	\$4,122	\$9,726	\$5,604	\$4,122	\$9,726
6,000	395	75	\$13,659	\$12,523	\$26,182	\$13,659	\$12,523	\$26,182	\$13,659	\$12,523	\$26,182
6,000	285	75	\$9,411	\$8,117	\$17,528	\$9,411	\$8,117	\$17,528	\$9,411	\$8,117	\$17,528
6,000	203	75	\$6,543	\$4,948	\$11,491	\$6,543	\$4,948	\$11,491	\$6,543	\$4,948	\$11,491
7,000	921	25	\$15,904	\$14,117	\$30,021	\$15,904	\$14,117	\$30,021	\$15,904	\$14,117	\$30,021
7,000	481	50	\$9,745	\$8,740	\$18,485	\$9,745	\$8,740	\$18,485	\$9,745	\$8,740	\$18,485
7,000	307	75	\$7,083	\$6,274	\$13,357	\$7,083	\$6,274	\$13,357	\$7,083	\$6,274	\$13,357
8,000	1,063	75	\$13,122	\$11,280	\$24,402	\$13,122	\$11,280	\$24,402	\$13,122	\$11,280	\$24,402
8,000	628	40	\$8,155	\$7,156	\$15,311	\$8,155	\$7,156	\$15,311	\$8,155	\$7,156	\$15,311
8,000	351	75	\$6,175	\$5,401	\$11,576	\$6,175	\$5,401	\$11,576	\$6,175	\$5,401	\$11,576
9,000	1,184	25	\$10,336	\$9,044	\$19,380	\$10,336	\$9,044	\$19,380	\$10,336	\$9,044	\$19,380
9,000	592	50	\$6,399	\$5,601	\$11,999	\$6,399	\$5,601	\$11,999	\$6,399	\$5,601	\$11,999
9,000	356	75	\$5,120	\$4,503	\$9,623	\$5,120	\$4,503	\$9,623	\$5,120	\$4,503	\$9,623
10,000	1,316	25	\$12,544	\$11,058	\$23,602	\$12,544	\$11,058	\$23,602	\$12,544	\$11,058	\$23,602
10,000	658	50	\$7,734	\$6,855	\$14,589	\$7,734	\$6,855	\$14,589	\$7,734	\$6,855	\$14,589
10,000	433	75	\$5,021	\$4,349	\$9,370	\$5,021	\$4,349	\$9,370	\$5,021	\$4,349	\$9,370

Monthly Sales (MCF)	MO2	Loss Factor	SUMMER - TOTAL BILL			WINTER - TOTAL BILL			ANNUAL IMPACT - TOTAL BILL		
			Present Base	Proposed GCR	Total	Present Base	Proposed GCR	Total	Present Base	Proposed GCR	Total
3,000	395	75	\$7,059	\$7,481	\$14,540	\$7,059	\$7,481	\$14,540	\$7,059	\$7,481	\$14,540
3,000	197	50	\$4,408	\$4,022	\$8,430	\$4,408	\$4,022	\$8,430	\$4,408	\$4,022	\$8,430
3,000	132	75	\$3,588	\$2,968	\$6,556	\$3,588	\$2,968	\$6,556	\$3,588	\$2,968	\$6,556
3,000	82	75	\$3,588	\$3,035	\$6,623	\$3,588	\$3,035	\$6,623	\$3,588	\$3,035	\$6,623
4,000	202	40	\$5,274	\$4,721	\$9,995	\$5,274	\$4,721	\$9,995	\$5,274	\$4,721	\$9,995
4,000	175	75	\$4,584	\$3,728	\$8,312	\$4,584	\$3,728	\$8,312	\$4,584	\$3,728	\$8,312
4,000	125	75	\$4,584	\$3,728	\$8,312	\$4,584	\$3,728	\$8,312	\$4,584	\$3,728	\$8,312
5,000	329	25	\$11,482	\$10,269	\$21,751	\$11,482	\$10,269	\$21,751	\$11,482	\$10,269	\$21,751
5,000	219	75	\$7,076	\$6,452	\$13,528	\$7,076	\$6,452	\$13,528	\$7,076	\$6,452	\$13,528
5,000	179	75	\$5,604	\$4,122	\$9,726	\$5,604	\$4,122	\$9,726	\$5,604	\$4,122	\$9,726
6,000	395	75	\$13,659	\$12,523	\$26,182	\$13,659	\$12,523	\$26,182	\$13,659	\$12,523	\$26,182
6,000	285	75	\$9,411	\$8,117	\$17,528	\$9,411	\$8,117	\$17,528	\$9,411	\$8,117	\$17,528
6,000	203	75	\$6,543	\$4,948	\$11,491	\$6,543	\$4,948	\$11,491	\$6,543	\$4,948	\$11,491
7,000	921	25	\$15,904	\$14,117	\$30,021	\$15,904	\$14,117	\$30,021	\$15,904	\$14,117	\$30,021
7,000	481	50	\$9,745	\$8,740	\$18,485	\$9,745	\$8,740	\$18,485	\$9,745	\$8,740	\$18,485
7,000	307	75	\$7,083	\$6,274	\$13,357	\$7,083	\$6,274	\$13,357	\$7,083	\$6,274	\$13,357
8,000	1,063	75	\$13,122	\$11,280	\$24,402	\$13,122	\$11,280	\$24,402	\$13,122	\$11,280	\$24,402
8,000	628	40	\$8,155	\$7,156	\$15,311	\$8,155	\$7,156	\$15,311	\$8,155	\$7,156	\$15,311
8,000	351	75	\$6,175	\$5,401	\$11,576	\$6,175	\$5,401	\$11,576	\$6,175	\$5,401	\$11,576
9,000	1,184	25	\$10,336	\$9,044	\$19,380	\$10,336	\$9,044	\$19,380	\$10,336	\$9,044	\$19,380
9,000	592	50	\$6,399	\$5,601	\$11,999	\$6,399	\$5,601	\$11,999	\$6,399	\$5,601	\$11,999
9,000	356	75	\$5,120	\$4,503	\$9,623	\$5,120	\$4,503	\$9,623	\$5,120	\$4,503	\$9,623
10,000	1,316	25	\$12,544	\$11,058	\$23,602	\$12,544	\$11,058	\$23,602	\$12,544	\$11,058	\$23,602
10,000	658	50	\$7,734	\$6,855	\$14,589	\$7,734	\$6,855	\$14,589	\$7,734	\$6,855	\$14,589
10,000	433	75	\$5,021	\$4,349	\$9,370	\$5,021	\$4,349	\$9,370	\$5,021	\$4,349	\$9,370

