

**BEFORE THE STATE OF NEW JERSEY
OFFICE OF ADMINISTRATIVE LAW
BOARD OF PUBLIC UTILITIES**

**IN THE MATTER OF THE PETITION) BPU DKT. NO. GR09030195
OF PIVOTAL UTILITY HOLDINGS, INC.) OAL DKT. NO. PUC-03655-2009N
D/B/A ELIZABETHTOWN GAS FOR)
APPROVAL OF INCREASED BASE TARIFF)
RATES AND CHARGES FOR GAS SERVICE)
AND OTHER TARIFF REVISIONS)**

**DIRECT TESTIMONY OF RICHARD LELASH
ON BEHALF OF THE
NEW JERSEY DEPARTMENT OF THE PUBLIC ADVOCATE
DIVISION OF RATE COUNSEL**

PUBLIC VERSION -- REDACTED

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PIVOTAL UTILITY HOLDINGS, INC.
DOCKET NO. GR09030195
TESTIMONY OF RICHARD W. LELASH

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1 I. STATEMENT OF QUALIFICATIONS

2

3 Q. PLEASE STATE YOUR NAME AND BUSINESS ADDRESS FOR THE
4 RECORD.

5 A. My name is Richard W. LeLash and my business address is 18 Seventy Acre
6 Road, Redding, Connecticut.

7

8 Q. WHAT IS YOUR CURRENT BUSINESS AFFILIATION?

9 A. I am an independent financial and regulatory consultant working on behalf of
10 several state public utility commissions and consumer advocates.

11

12 Q. PRIOR TO YOUR WORK AS AN INDEPENDENT CONSULTANT, WHAT
13 WAS YOUR BUSINESS AFFILIATION, AND WHAT WAS YOUR
14 REGULATORY EXPERIENCE?

15 A. I was a principal with the Georgetown Consulting Group for twenty years. During
16 my affiliation with Georgetown, and continuing to date, I testified on cost of
17 service, rate of return, and regulatory policy issues in more than 300 regulatory
18 proceedings. These testimonies were presented before the Philadelphia Gas
19 Commission, the Federal Energy Regulatory Commission and in the following
20 jurisdictions: Alabama, Arizona, Colorado, Delaware, District of Columbia,
21 Georgia, Illinois, Kansas, Maine, Maryland, Minnesota, Missouri, New Jersey,

1 New Mexico, New York, Ohio, Oklahoma, Pennsylvania, Rhode Island,
2 U.S. Virgin Islands, and Vermont.

3
4 Q. MR. LELASH, WHAT IS YOUR EDUCATIONAL BACKGROUND?

5 A. I graduated in 1967 from the Wharton School with a BS in Economics and in 1969
6 from the Wharton Graduate School with an MBA.

7
8 Q. DURING THE COURSE OF YOUR REGULATORY WORK, WHAT HAS
9 BEEN YOUR EXPERIENCE WITH GAS POLICY AND REGULATION?

10 A. Since 1980, I have worked extensively on gas utility matters. In my Appendix
11 there is a listing of the recent cases in which I have sponsored testimony. In
12 addition to these cases, I have reviewed and analyzed many other gas filings which
13 were resolved through stipulation. Among other issues, my testimonies have
14 involved gas service unbundling, physical and economic bypass, base rate levels,
15 gas plant remediation costs, gas price hedging, demand and capacity planning, gas
16 service measures, regulatory policy, and least cost gas standards. In addressing
17 these issues, I have analyzed gas regulatory filings and have provided testimony
18 involving more than 30 different gas utilities.

19
20 Q. DO YOU HAVE ANY SPECIFIC EXPERIENCE WITH RESPECT TO THE
21 OPERATIONS OF ELIZABETHTOWN GAS?

1 A. Yes. Previously I have worked in various proceedings involving the Company.
2 The testimonies have involved affiliate audits, MGP gas remediation, gas
3 procurement, merger issues, and general gas policy matters.
4

5 Q. DO YOU HAVE ANY SPECIFIC EXPERIENCE WITH RESPECT TO POLICY
6 MATTERS FOR NATURAL GAS DISTRIBUTION COMPANIES IN NEW
7 JERSEY?

8 A. Yes. In the past, I have worked on and testified on behalf of Rate Counsel and its
9 predecessor, the Ratepayer Advocate, on various matters concerning all four of
10 New Jersey's gas distribution companies.

1 II. SCOPE AND PURPOSE OF TESTIMONY

2

3 Q. WOULD YOU PLEASE STATE THE SCOPE AND PURPOSE OF YOUR
4 TESTIMONY IN THIS PROCEEDING?

5 A. I was hired by the New Jersey Rate Counsel (“Rate Counsel”) to review the filing
6 made by Pivotal Utility Holdings (“Company” or “ETG”) and evaluate various
7 policy issues using established regulatory standards. My review focused on
8 Conservation Incentive Program (“CIP”), merger related, and performance issues
9 for the Company.

10 The purpose of my testimony is to present findings and recommendations
11 to the New Jersey Board of Public Utilities (“Board” or “BPU”) concerning issues
12 raised by the Company’s filing.

13

14 Q. IN PERFORMING YOUR REVIEW AND ANALYSIS, WHAT DATA
15 SOURCES DID YOU UTILIZE?

16 A. My review and analysis encompassed the Company’s filing, responses to
17 discovery requests and information provided in previous proceedings.

18

19 Q. WERE THERE ANY LIMITATIONS PLACED ON YOUR REVIEW AND
20 ANALYSIS OF THE COMPANY’S FILING?

1 A. As of the time this testimony was prepared, the Company had recently made its
2 6+6 updated filing, and the discovery process on the update had not been
3 completed. Additionally, certain issue areas in the case will be addressed in Rate
4 Counsel's testimonies that are to be filed by other witnesses. Accordingly, I
5 would like to reserve the right to amend or supplement this testimony concerning
6 the Company's updates and policy issues that may be subsequently filed by other
7 Rate Counsel witnesses.

8 Portions of this testimony were also developed in collaboration with Dian
9 Callaghan, another Rate Counsel witness. We worked together on the
10 specification of service metrics and performance benchmarks for gas utilities in
11 general and for the operations of the Company specifically as discussed in her
12 testimony.

13

14 Q. WAS THIS TESTIMONY PREPARED BY YOU OR UNDER YOUR DIRECT
15 SUPERVISION?

16 A. Yes, this testimony was prepared by me.

1 III. OVERVIEW AND CONCLUSIONS

2

3 - Rate Counsel's Issues and Witnesses

4

5 Q. WOULD YOU PLEASE PROVIDE A DESCRIPTION OF YOUR TESTIMONY
6 AND THE TESTIMONIES THAT ARE BEING FILED BY OTHER RATE
7 COUNSEL WITNESSES?

8 A. My testimony addresses several issues, principally those dealing with matters
9 related to the merger, service levels, the initiation of an Efficiency and Usage
10 Adjustment ("EUA") mechanism, and general policy areas. Additionally, other
11 testimonies addressing the Company's base rate filing will be sponsored by the
12 following Rate Counsel witnesses:

13

14 1. Robert Henkes of Henkes Consulting will testify about the Company's
15 revenue requirements and related accounting and regulatory policy issues,
16 as well as addressing the testimony of Michael Morley.

17

18 2. Dian Callaghan of the McFadden Consulting Group will testify about
19 service standards and the Company's overall performance measures and
20 will address the testimony of Connie McIntyre.

21

1 3. Matthew Kahal of Exeter Associates will testify concerning the appropriate
2 rate of return for the Company and will address Roger Morin’s testimony.

3
4 4. Brian Kalcic of Excel Consulting will testify about cost of service and rate
5 design issues as well as addressing the filed testimony of Daniel Yardley.

6
7 5. Michael J. Majoros, Jr. of Snavelly King Majoros O’Connor & Lee will
8 testify about the appropriate approach for establishing depreciation rates for
9 the Company and the testimony of Kimbugwe Kateregga.

10
11 6. Michael J. McFadden, A. E. Middents and John Peters of the McFadden
12 Consulting Group will address Don Carter’s testimony concerning the
13 Company’s operations, construction program and its operation and
14 maintenance of its gas system.

15
16 7. David Peterson of Chesapeake Regulatory Consultants will testify about the
17 Company’s determination of its cash working capital and will address
18 Robert DePriest’s lead lag study.

19
20
21

1 - Summary of Findings and Recommendations

2
3 Q. WOULD YOU PLEASE SUMMARIZE YOUR DIRECT TESTIMONY IN THIS
4 MATTER?

5 A. Based on my review and analysis, I propose that the Board adopt the following
6 findings and recommendations:

7
8
9 1. The Company’s proposed revenue decoupling mechanism should not be
10 authorized in this proceeding. The results of such mechanisms authorized
11 for the New Jersey Natural Gas Company (“NJNG”) and South Jersey Gas
12 Company (“SJG”) as pilot programs will be evaluated at the end of their
13 current programs. Accordingly, any prospective decoupling mechanism
14 needs full evaluation by various stakeholders in order to determine both the
15 desirability and the structure of such riders in the future.

16
17 2. In order to fully examine decoupling mechanisms and their impact on gas
18 utilities and their ratepayers, the Board should initiate a generic proceeding
19 for its gas utilities to consider the existing pilot programs, the program
20 proposed by ETG, and any decoupling mechanisms to be authorized
21 prospectively.

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3. The Company’s transition costs associated with the relocation of its call center should not be charged to its ratepayers. Ratepayers have already paid for ineffective call center relocations and they have had to endure inferior service levels for a considerable period of time. On this basis, the Company should be required to absorb its one-time transition costs of \$740,386 associated with its call center operation.

4. The Company has also proposed that its internal remediation adjustment clause (“RAC”) costs be recovered through base rates. However, there is no logic to segregating such internal costs from all of the other remediation expenditures. An established procedure is in place for all of the Company’s manufactured gas plant (“MGP”) remediation costs and the referenced internal costs should be subject to this annual review process rather than the infrequent base rate investigations.

5. Additionally, the Company is seeking base rate recovery of \$940,000 of conservation costs. However, since all other conservation costs are recovered through the Regional Greenhouse Gas Initiative (“RGGI”) tariff, there appears to be no reason to not have this amount also recovered through the RGGI tariff. It is not reasonable to assume that \$940,000 of

1 conservation costs will be representative of future cost levels, and thus,
2 base rate recovery of a fixed amount is inappropriate.

3
4 6. Unfortunately, there has been a disconnect between the on-going affiliate
5 and management audits of the Company and this base rate proceeding.
6 Because of the delay in the audits, the Board's order in this proceeding
7 should be made subject to modification if the audits find that the Company
8 has not fulfilled its merger requirements. Such modifications, based on
9 appropriate evidence, should include adjustments to revenue requirements
10 or the imposition of penalties for the Company.

11
12 7. Several of the operating areas that were to benefit from the merger have not
13 shown any major improvement. Centralization of certain functions by
14 AGL Services Company ("AGLSC") has not improved operations. Basic
15 performance measures, concerning various customer related activities,
16 show limited improvement, and in several areas, the Company's
17 performance is not up to industry standards. The Company's call center, its
18 responses to leak reports, and its overall level of customer complaints still
19 need improvements more than four years after the merger became effective.

20

1 8. Under the Board’s merger order in Docket No. GM04070721, the Company
2 was to develop a set of service standards and file them with the Board.
3 Then it was to work with the Parties to establish appropriate base-line
4 metrics to measure performance in the areas of safety, reliability, and
5 customer service. Absent a consensus between the Company and the
6 Parties, the Company was to submit its position to the Board. While the
7 Company did develop a set of standards and met with the Parties, no
8 standards or base line metrics were ever finalized or filed with the Board.
9 Thus, the Company could not agree on performance benchmarks, nor
10 remedy certain deficiencies that it was expected to address.

11
12 9. Based on the lack of improvement in certain areas and the Company’s
13 failure to follow the Board’s order, it is recommended that the Company’s
14 shareholders be penalized. Considering all of the factors involved, an
15 annual penalty of some amount would be appropriate until such time as the
16 service standards are finalized and any deficiencies relative to accepted
17 industry standards are remedied.

1 IV. REVENUE REQUIREMENTS AND POLICY ISSUES

2

3 Q. WOULD YOU BEGIN BY PUTTING THE COMPANY'S CURRENT FILING
4 INTO PERSPECTIVE BASED ON THE MERGER OF THE COMPANY WITH
5 AGL RESOURCES, INC. ("AGLR")?

6 A. Prior to the Board's merger order in Docket No. GM04070721, the Company's
7 operation faced several problems. Based on various factors, the rating agencies
8 had downgraded the Company which, in turn, resulted in the Board requiring a
9 focused audit. The subsequent audit performed by the Liberty Consulting Group
10 disclosed deficiencies in the practices of NUI Corporation ("NUI") and its non-
11 regulated subsidiaries. As a result, the Company was required to return \$28
12 million to its ratepayers and pay a \$2 million penalty. Additionally, there were
13 identified problems associated with the Company's service levels and various
14 other operating issues as identified in the Liberty audit report. As a result, efforts
15 were undertaken for an ownership change in order to remedy what was
16 characterized as a regrettable episode in New Jersey regulatory history.

17 In response, a joint petition was filed by NUI and AGLR in July 2004 for a
18 change in ownership and control. In the joint petition, AGLR stated its interest to
19 address the Company's financial condition and to make operational and
20 infrastructure improvements to the utility. In the resulting proceeding, AGLR
21 personnel provided numerous commitments concerning debt restructuring,

1 centralization of several functions through AGLSC and the initiation of “best
2 practices” in the overall utility operation.

3
4 Q. IN ITS FILING, HAS THE COMPANY ADDRESSED THE COMPANY’S
5 PROGRESS RELATIVE TO THE VARIOUS COMMITMENTS THAT WERE
6 MADE AT THE TIME OF THE MERGER?

7 A. In some regards it has, while in others it has not. In her testimony, Ms. Gidley, the
8 president of the Company, does address such issues as AGLR’s centralized
9 management structure, various initiatives to enhance customer service, increased
10 capital expenditures, the restructuring of the utility’s finances, and the institution
11 of industry leading best practices.

12 However, there are several aspects of the commitments that are not
13 adequately discussed. The Company has yet to establish formal service standards
14 and its on-going performance has been inadequate in certain areas. The transfer of
15 the Company’s call center from Florida to Georgia then to India and now back to
16 New Jersey has resulted in erratic call center performance. Likewise, the
17 Company has continued to use a performance metric (calls answered in 60
18 seconds) which is well above industry levels (calls answered in 30 seconds).
19 Customer complaints to the Board have also been erratic with high levels in 2006
20 and 2007.

1 There also has been a negative impact associated with the transfer of many
2 functions to Atlanta, Georgia. The New Jersey based staff has been reduced
3 dramatically with many functions being directed by Atlanta based personnel.
4 Likewise, contracts that were historically placed with New Jersey firms are now
5 being made with Georgia based firms. While Ms. Gidley discusses the creation of
6 50 new jobs in the state because of the new customer call center, she does not
7 discuss the Company's overall employment in the state since the merger.

8
9 Q. ARE THERE ANY OTHER SIGNIFICANT ISSUES THAT WERE NOT
10 ADDRESSED IN MS. GIDLEY'S TESTIMONY?

11 A. Perhaps the most relevant factor, the level of rates that will be paid by New Jersey
12 ratepayers, was not discussed in her testimony. There was an implicit
13 commitment made in the merger case to realize cost reductions which would
14 mitigate rate increases in the future. The refinancing of the NUI debt with
15 reductions in interest expense, the savings associated with centralized services
16 performed by AGLSC and the institution of best practices were all envisioned to
17 bring about acquisition related synergies. Indeed, in testimony submitted by
18 AGLR in the merger case there were references to AGLR's retention of future
19 synergies (Madden Rebuttal Testimony, p.7). Accordingly, with the Company
20 transitioning from NUI to AGLR ownership, there was an implicit belief that
21 operations would improve and rates would be stabilized.

1 While a \$24.8 million or 4.7% rate increase may not appear excessive, it
2 certainly is not compatible with the expectation that AGLR ownership would
3 benefit ratepayers. To put this amount into perspective, it should be noted that
4 AGLR, through its Sequent Energy Management affiliate, has realized millions of
5 dollars in gross margins through its asset management agreement with the
6 Company and only a low portion of these margins were credited back to the New
7 Jersey operation. These gross margins were shared with the Company's
8 ratepayers receiving the first \$4.0 million per year. **[Begin Confidential**

9 **information:** [REDACTED]

10 [REDACTED]

11 [REDACTED]

12 [REDACTED]

13 [REDACTED]

. End Confidential information]. While

14 this was a windfall level of gross margins, the Company's affiliate, Sequent
15 Energy Management never made any effort to equitably share the windfall.

16
17 - Revenue Decoupling Mechanism

18
19 Q. IN MR. YARDLEY'S TESTIMONY HE PROPOSES A REVENUE
20 DECOUPLING MECHANISM THAT IS QUITE SIMILAR TO PILOT
21 PROGRAMS THAT ARE CURRENTLY IN EFFECT AT NEW JERSEY

1 NATURAL GAS AND SOUTH JERSEY GAS. WOULD YOU PLEASE
2 COMMENT ON HIS PROPOSAL AND THE ADOPTION OF SUCH A
3 PROGRAM AT THIS TIME?

4 A. Mr. Yardley proposes a EUA tariff rider for ETG which is quite similar to the
5 Conservation Incentive Program (“CIP”) mechanism that is utilized in those two
6 pilot programs. These programs were to end in October 2009 unless they are
7 extended by the Board, and there is a pending request before the Board to extend
8 them until October 2010.

9 While Mr. Kalcic discusses the proposed mechanics of the proposed EUA,
10 there are several associated policy issues that will be addressed here. The first
11 involves the fact that while such mechanisms are being supported as a matter of
12 public policy, they may have the effect of negating certain aspects of the
13 regulatory formula.

14 Under the accepted regulatory framework, a utility is provided the
15 opportunity to earn a fair rate of return. There are no guarantees and indeed the
16 presumption has been that once a utility is provided its fair rate of return, it will
17 hold off earnings attrition through efficient operation and cost control.

18 In the case of revenue decoupling, an additional factor is being introduced
19 into the formula. In order to promote energy conservation, risk is being shifted
20 from stockholders to the utilities’ ratepayers. Therefore, at a minimum, the
21 utility’s authorized rate of return should reflect the lower risk for the operation. A

1 decoupling rider furthers the interests of shareholders who already benefit from
2 manufactured gas plant remediation and pipeline integrity riders along with
3 incentive sharing mechanisms.

4 As discussed in a paper by the Electricity Consumers Resource Council
5 (“ELCON”) (www.elcon.org/Documents/Publications/3-1RevenueDecoupling),
6 revenue decoupling makes a utility “indifferent to the impact of sales levels” or
7 whether the sales vary because of “changing economic conditions, weather, or
8 new technologies.” Under a decoupling mechanism, ELCON further notes that,
9 “conservation efforts are rewarded with higher future rates, while excessive
10 consumption paradoxically produces bill credits.” Indeed, decoupling
11 mechanisms “actually undermine incentives for customers to invest in more
12 efficient appliances and equipment because the reward for reducing consumption
13 is higher rates in the future.” And finally, during economic slowdowns such as we
14 have now, decoupling “neutralizes the financial incentive to attract new
15 commercial and industrial business - and new job opportunities - to the utility’s
16 franchise area.”

17
18 Q. ARE THERE ANY OTHER CONSIDERATIONS THAT SHOULD BE TAKEN
19 INTO ACCOUNT WHEN EVALUATING DECOUPLING MECHANISMS?

20 A. Yes. It should be remembered that the decoupling pilot program in New Jersey is
21 scheduled to end in October of this year, although there is a pending request

1 before the Board to extend the program until October 2010. It is assumed that,
2 based on the pilot, both NJNG and South Jersey, as well as other parties, may wish
3 to modify the existing CIP mechanism. Based on such potential changes, it would
4 be beneficial for the Board to establish specific proceedings to evaluate gas
5 decoupling mechanisms. This would ensure that lessons from the pilot programs
6 would be incorporated and that there would be specific mechanisms for gas
7 utilities. Both NJNG's and SJG's CIPs incorporate savings and rate of return
8 criteria, while ETG's proposal does not. Likewise, the Board might want to place
9 limits on which parties should bear the economic impact of conservation. Based
10 on various considerations, perhaps the decoupling impact could be shared by
11 stockholders and ratepayers rather than implicitly placing all economic
12 consequences on the very ratepayers that will be making conservation work.

13 The gas distribution utilities face relatively unique demand considerations.
14 In many instances, gas utilization is seen as one of the more environmentally
15 desirable energy alternatives. Thus, the gas utilities have and will experience
16 growth as electric generators, commercial and industrial consumers as well as
17 residential customers switch to gas vs. other fuels. This is all the more relevant
18 since the majority of gas supplies are available domestically, unlike oil which is
19 heavily imported.

20 Therefore, it is recommended that any decision on the Company's initiation
21 of a decoupling mechanism be deferred and addressed in a separate gas utility

1 proceeding. This would give all stakeholders the opportunity to have input into a
2 very complex modification to the checks and balances of the current regulatory
3 framework. My local oil delivery company has a goal that is very applicable to
4 the gas distribution utilities. Namely, the goal to sell less oil to more people. In a
5 gas related decoupling proceeding, perhaps a similar conceptual goal could be
6 sought.

7
8 - Accounting Related Issues

9
10 Q. BASED ON YOUR REVIEW OF THE FILING, ARE THERE ANY
11 ACCOUNTING RELATED ISSUES WHICH YOU BELIEVE SHOULD BE
12 DISCUSSED?

13 A. Yes. There are several changes that I would recommend that the Board consider.
14 The first involves the charges associated with the Company's relocation of its call
15 center to Union, New Jersey. The Company is treating \$740,386 of transition
16 costs associated with the relocation as a one-time expense subject to amortization
17 over five years. In my opinion, such transition expenses should not be charged to
18 New Jersey ratepayers.

19 Presumably, the Company's ratepayers have already paid costs associated
20 with the transition of the call center from Florida to Georgia, and from Georgia to
21 India. Accordingly, to seek recovery of costs for a third transition is unwarranted.

1 Various parties objected initially to the outsourcing of the call center to India,
2 including Rate Counsel, and despite such opposition, the Company went forward
3 with the move. As Ms. Gidley now notes in her testimony, the Company's
4 "customer base presents certain unique challenges for our call center operations."
5 Despite such unique challenges and the fact that, to my knowledge, no other
6 United States utility had at that time done such outsourcing to India, the Company
7 proceeded to implement an unproven call center option.

8 As a result, the Company's ratepayers have already paid for call center
9 relocations and have had to endure inferior service and may have to do so
10 prospectively as the New Jersey call center is established. Additionally, it has
11 been disclosed that about 85% of the one-time transition costs are associated with
12 potential contract penalties and legal fees stemming from its termination of the
13 Company's contractor in India (Company Response RCR-A-171). Given such
14 considerations, it is AGLR stockholders and not the Company's ratepayers that
15 should fund such service remediation efforts.

16
17 Q. YOU STATED THAT YOU HAD SEVERAL RECOMMENDED
18 ACCOUNTING CHANGES. WOULD YOU PLEASE DISCUSS YOUR NEXT
19 RECOMMENDED CHANGE?

20 A. The second accounting change involves the recovery of expenses associated with
21 the Company's MGP remediation efforts. In its filing the Company has proposed

1 the recovery of its internal remediation labor costs in its base rates. The basis for
2 this appears to be a request by the Board's audit staff. Such internal MGP labor
3 costs involve about \$65,000 per year.

4 While this is a relatively small expenditure amount, it seems illogical to
5 separate internal labor costs from all of the other remediation expenses. At the
6 current time there are annual MGP remediation reviews that encompass all
7 remediation activities with analysis of associated invoices and an evaluation of
8 related activities. To segregate internal labor costs from such reviews is
9 unnecessary and would subject such costs to limited oversight in base rate
10 proceedings. The Board has authorized the RAC clause for MGP cost recoveries,
11 and that mechanism should be all inclusive.

12
13 Q. DO YOU HAVE ANY ADDITIONAL ACCOUNTING CHANGES THAT THE
14 BOARD SHOULD CONSIDER?

15 A. Yes. There is one last change related to conservation program expenses. The
16 Company has requested that \$940,000 of such costs be included in base rates.
17 However, it is my understanding that all other conservation related expenses are
18 recovered through the Regional Greenhouse Gas Initiative ("RGGI") tariff. In its
19 response to request RCR-A-187, the Company acknowledged it would be possible
20 to obtain rate recovery through its next RGGI filing if no base rate recovery was
21 obtained in this case.

1 Since conservation expenses are variable, it would seem beneficial to make
2 provisions for their recovery under the RGGI tariff based on actual expenditures.
3 By recovering such expenses through RGGI, the cost would be recovered annually
4 based on actual incurred expenses rather than at a fixed level. Such a procedure
5 would protect both the Company and its ratepayers.

6
7 - Affiliate and Management Audit Issues

8
9 Q. WOULD YOU PLEASE DESCRIBE THE AUDITS OF THE COMPANY THAT
10 ARE CURRENTLY IN PROCESS?

11 A. The Board in Docket No. GA07100795 issued a request for proposal (“RFP”)
12 solicitation for affiliated transactions and management audits for the Company.
13 The initial RFP specified that these two audits would be performed in two
14 concurrent phases that were to be completed within 280 days from the date of any
15 contract award.

16 These audits were seen as an appropriate initiative given the terms and
17 conditions of the merger stipulation and the anticipated filing of this base case by
18 the Company. The two prior audits concerning Competitive Service Offerings and
19 Affiliate Standards that were performed in 2000 and 2003 were one of the factors
20 that gave rise to the petition for a change in ownership and control in Docket No.
21 GM04070721.

1 Q. WAS IT ANTICIPATED THAT THE RESULTS OF THESE AUDITS WOULD
2 BE AVAILABLE BEFORE THE CURRENT RATE CASE WAS RESOLVED?

3 A. Yes, it was. The availability of such audit reports would allow the parties to
4 determine whether AGLR had satisfied many of the conditions of the merger. It
5 should be remembered that various management and control issues as well as
6 affiliate transactions played a large role in the need for an ownership change.

7 Given that these audits have not been completed and that no other
8 comprehensive operations or affiliate reviews have been conducted since the
9 merger, it is not possible to determine whether certain elements of the Company's
10 revenue requirements are just and reasonable. This concern is all the more
11 relevant because AGLR itself has had problems with its own affiliate transactions
12 and has been required to provide credits based on various regulatory orders.

13

14 Q. GIVEN THE CURRENT STATUS OF THE AUDITS, IS THERE ANYTHING
15 THAT THE BOARD SHOULD CONSIDER RELATIVE TO ANY RATE
16 AUTHORIZATIONS MADE IN THIS PROCEEDING?

17 A. Yes. It is recommended that any Board order in this proceeding be made subject
18 to modifications if indicated. Thus, any Board order would stand unless
19 challenged by a party on the basis of findings and recommendations contained in
20 the anticipated final audit reports. In effect, the revenue requirement in this
21 proceeding assumes that in many areas the Company has fulfilled its merger

1 requirements. If subsequently there is evidence that it has not, then there should
2 be a procedural mechanism for parties to challenge the level of revenue
3 requirements and/or to request that penalties be imposed on the Company.
4

5 - Service Levels and Penalty
6

7 Q. WOULD YOU PLEASE DISCUSS HOW SERVICE STANDARDS WERE
8 INVOLVED IN THE MERGER PROCEEDING AND WHY THEY WERE
9 CONSIDERED TO BE CRITICAL?

10 A. Prior to the merger, the Company had problems with its financial condition and
11 various affiliate interest abuses, and its overall customer service levels had
12 deteriorated. Thus, there was an inherent mandate for any potential acquirer to
13 stabilize the Company's finances, its governance, and its service to its ratepayers.
14 AGLR, the ultimate purchaser, was specifically authorized by the Board to make
15 necessary changes, and it stated that, "while no specific commitments have been
16 made, AGLR is confident that improvements can be made in customer service as
17 well as the safety and reliability records at NUI." (Response NJLEUC-
18 AGLR/NUI-96 in Docket No. GM04070721).
19

20 Q. BY LOOKING AT VARIOUS PERFORMANCE MEASURES THAT HAVE
21 BEEN COMPILED BY THE COMPANY BOTH BEFORE AND AFTER THE

1 MERGER, CAN ONE IDENTIFY SPECIFIC RESULTS FOR CERTAIN
2 SERVICE AREAS?

3 A. Yes. There is sufficient data to track the Company's performance in several areas.
4 The schedules attached to this testimony provide data on several service metrics
5 which are addressed in Ms. Callaghan's direct testimony where she explains the
6 metrics and recommends what she and I believe are reasonable standards
7 commensurate with standard service levels in the utility industry. The basic
8 metrics involve field operations, meter reading and billing, call center operation,
9 and overall service. Each of the performance measures in these areas is important
10 because they all reflect interaction between the Company and its customers.
11 Whether it involves call center operations, billings, or field personnel, these are
12 the components that determine customer satisfaction.

13
14 Q. WOULD YOU BEGIN BY DISCUSSING THE COMPANY'S PERFORMANCE
15 IN FIELD OPERATIONS?

16 A. Yes. The first area reviewed involved the Company's service appointments met or
17 appointment attainment. This activity includes appointments for disconnects and
18 reconnects, billing investigations, and starting and final meter readings. The gas
19 industry typically utilizes a standard of 95% attainment or higher. As shown on
20 page 1 of Schedule 1, the Company, since the merger, has been close to the
21 standard for all years but 2007. During that year, there were seven months when

1 the percentage was 90% or lower. However, whatever the issue that year, the
2 Company returned to acceptable performance by year end.

3 The second measure of field operations involves perhaps the most critical
4 metric in the gas industry. This measures response time for customer gas leak
5 calls between the time the call is received until qualified utility personnel arrive at
6 the customer's premise. The metric is normally a 95% response within 30 to 60
7 minutes.

8 On page 2 of Schedule 1, the Company's data is shown by year for the
9 period 2005-2008 using the Company's 45 minutes requirement. As a general
10 matter, none of the years show an acceptable level of leak response when
11 compared against the industry benchmark of 95%. While there was improvement
12 from 2005 to 2006, the response levels fell thereafter with leak response
13 percentages at 90% or less in 16 out of the 24 months. Given the importance of
14 this measure, the Company should be maintaining at least a 95% level of
15 compliance.

16
17 Q. TURNING TO THE SECOND AREA OF SERVICE METRICS INVOLVING
18 METER READING AND BILLING, HAS THERE BEEN IMPROVED
19 PERFORMANCE?

20 A. Yes. Referring to Schedule 2, the Company's percentage of actual meter reads has
21 increased continuously since 2003. From averages below 45% in 2002-2003 the

1 Company achieved a level of 95% in 2008, which is the typical industry
2 benchmark. This improvement is presumably linked to the Company achieving a
3 high penetration percentage for its Automated Meter Reading (“AMR”) program.

4 As for billing accuracy, the Company did not provide any data which
5 showed re-billed levels. However, the roll out of the AMR program probably had
6 some favorable impact in reducing billing errors and the need for re-bills.

7
8 Q. WOULD YOU NOW DISCUSS THE COMPANY’S PERFORMANCE
9 RELATIVE TO ITS CALL CENTER OPERATIONS?

10 A. In order to analyze the Company’s call center, three service metrics were
11 evaluated. The first involves the Company’s average call answering time, which
12 reflects the average time it takes for a customer to reach a customer representative.
13 Based on the data shown on page 1 of Schedule 3, the Company went from a 25
14 second average in 2002 to a 282 second average in 2004. Since that time there
15 have been mixed results with the best results being achieved in the last half of
16 2008.

17 In addition to monitoring call answering times, the Company tracked calls
18 answered within 60 seconds. This is in contrast to a typical industry metric which
19 records calls answered in 30 seconds. A comparison between the 30 and 60
20 second metrics data for 2002-2004 is provided on page 2 of Schedule 3. To put
21 this comparative data into perspective, the industry standard is 80% of calls being

1 answered in 30 seconds. As shown by the data, historically the Company was far
2 from meeting the industry standard, and did not meet an 80% standard even with
3 the higher 60 second metric during 2003 and 2004. Simply stated, these statistics
4 show that, between 2002 and 2004, the Company call center operation was
5 deficient.

6
7 Q. WHAT HAS BEEN THE COMPANY'S PERFORMANCE SINCE THE
8 MERGER?

9 A. The third page of Schedule 3 shows the applicable data. It should be noted that
10 this data is based on the higher 60 second response interval. As is apparent, even
11 with this less stringent standard, the Company only achieved 80% or higher
12 compliance beginning in May 2007.

13 At the bottom of the schedule yearly data is shown for the same period
14 based on actual levels using a 60 second interval and as extrapolated for a 30
15 second interval. As the data shows, on an annual basis the Company never
16 achieved 80% compliance under a 30 second standard. Thus, while there has been
17 steady improvement since 2004, the Company has yet to achieve performance
18 levels comparable to the industry benchmark.

19
20 Q. WHAT OTHER METRICS DID YOU ANALYZE TO ASSESS THE
21 COMPANY'S CALL CENTER OPERATION?

1 A. The last measure reviewed involved the number of calls that were terminated
2 before reaching a customer service representative. This service metric is perhaps
3 the most informative because it is effectively measuring customer satisfaction.
4 When a customer terminates a call, it is a very good indication that the customer
5 was dissatisfied with the Company's ability to meet the customer's expectation.

6 While the Company was requested in discovery to provide data on all of its
7 performance metrics, no data was included for the Company's abandoned call
8 percentage ("APC"). However, previously in various submissions by the
9 Company, APC data had been provided for the 2002 through 2004 period (see
10 Schedule 3, page 4). This data provided the number of customers that abandoned
11 their calls before reaching a customer service representative. While this data is not
12 expressed as a percentage of calls tendered, which is the typical industry metric, it
13 does show relative performance. During 2002 and 2003 the average of monthly
14 calls that were abandoned were between 1,400 and 2,700 per month. In contrast,
15 for the first nine months of 2004, such abandoned calls increased to an average of
16 17,400 per month.

17 As recommended in Ms. Callaghan's testimony, this should be an on-going
18 metric for the Company, and it should be reported as the percentage of calls that
19 were terminated (or abandoned). Prospectively, the standard for this service
20 metric should be a 5% or lower percentage of abandoned calls.

21

1 Q. YOUR LAST IDENTIFIED PERFORMANCE AREA WAS OVERALL
2 SERVICE. CAN YOU EXPLAIN HOW THIS IS MEASURED AND WHAT
3 HAS BEEN THE TREND FOR THE METRIC?

4 A. The last measure involves the number of customer complaints. This is measured
5 by complaints made to the BPU which does not include complaints that were
6 made to the Company directly. One can assume, that at least in many cases,
7 complaints to the BPU reflect instances where the customer contacted the
8 Company and could not resolve the associated problem.

9 The number of complaints to the BPU are shown by month on page 1 of
10 Schedule 4. There are also averages shown at the bottom of the schedule for the
11 2001-2003 and the 2005-2007 periods reflecting performance both before and
12 after the merger. Based on this data, there was no material improvement during
13 the post merger period.

14 In order to put these customer complaint levels into context, the level of
15 complaints are shown on a complaints per 1,000 customers basis. As a general
16 guideline, the industry standard is less than 1 complaint per year per 1,000
17 customers. On page 2 of Schedule 4 this data is shown for the Company between
18 2001 and 2008. As indicated, while the last four years had better performance
19 (lower complaints) than in 2004, the level has still not met the accepted industry
20 benchmark.

21

1 Q. BASED ON YOUR REVIEW, PLEASE DISCUSS THE SERVICE METRICS,
2 THE COMPANY'S RELATIVE PERFORMANCE, AND ACTIONS THAT THE
3 BOARD SHOULD CONSIDER.

4 A. As an initial matter, the Board needs to require that the Company complete and
5 finalize appropriate service metrics. This will involve several steps. The metrics
6 themselves need to be identified and benchmark or baseline levels need to be
7 established. Based on the data provided by the Company, there are a few areas
8 where additional metrics are necessary. For example, in the area of field
9 operations, the leak response data should be augmented with exception reporting.
10 In instances where the established metric is not met, the Company should report
11 the actual response time and there should be a discussion of why the 45 minute
12 response time was not met. While the Company's metric requires a response in 45
13 minutes 95% of the time, there is no way of evaluating the nature of responses that
14 exceed the time interval. While 5 or 10 minutes may be acceptable, if the delays
15 are excessive, then such performance needs to be addressed. Exception reporting
16 allows evaluation and appropriate remedial action as required.

17 A second area that should be incorporated into the metrics would involve
18 data on billing accuracy. Typically, utilities monitor the number of rebills as a
19 percentage of total billing. This is an industry metric with a benchmark of less
20 than 20 rebills per 1,000 customers. And finally, a metric should be developed for
21 the Company's abandoned call percentage. The Company apparently has

1 compiled such data in the past, but such information has not been provided in
2 recent years.

3 Assuming that these additional metrics and their benchmarks were required,
4 the Board then needs to determine whether there is a need for a penalty associated
5 with the Company's performance since the merger. Since the Company has been
6 under new ownership for almost five years, it is reasonable to conclude that certain
7 areas of improvement in service have not been accomplished and that the
8 Company has not satisfied certain Board requirements established as part of the
9 merger approval. Accordingly, it is recommended that an annual penalty of \$1.0
10 million be imposed until such time as the Company's service measures are
11 finalized and any deficiencies relative to accepted industry standards are remedied.
12 This penalty is appropriate and can be avoided by the Company in the future by
13 fulfilling the Board's requirements and bringing the Company service up to
14 industry levels.

15 As a final observation, it should be recognized that utility service measures
16 have their nexus to utility regulation as a result of merger activity. Too frequently,
17 acquiring utilities, in their efforts to consolidate operations and potentially address
18 associated acquisition premiums paid as part of the merger, have reduced staffing
19 and operating expenses. In certain cases, overall performance has suffered and
20 regulatory commissions have responded by imposing service standards. As such,
21 the specification of service metrics and the filing of service data periodically has

1 become a necessary adjunct to the merger process. The Company, therefore,
2 should accept the need for such monitoring, and the Board should enforce
3 monitoring as required.

4

5 Q. MR. LELASH, DOES THIS CONCLUDE YOUR DIRECT TESTIMONY IN
6 THIS MATTER?

7 A. Yes, it does at this time.

SUPPORTING SCHEDULES

Elizabethtown Gas Company
Appointment Attainment %

	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>
January	94%	99%	95%	93%
February	90	98	83	96
March	92	97	87	95
April	93	97	88	96
May	92	98	89	95
June	96	99	93	96
July	94	99	92	93
August	98	98	90	93
September	97	99	90	95
October	92	98	93	93
November	96	97	90	93
December	97	99	95	93
Averages	94%	98%	90%	94%

SOURCE: Company Response RCR-CSV-12.1.

Elizabethtown Gas Company
45 Minutes Leak Response %

	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>
January	79%	93%	91%	90%
February	82	93	85	89
March	83	93	88	90
April	85	95	84	91
May	85	93	91	92
June	85	94	92	92
July	85	93	89	91
August	86	94	90	91
September	85	91	90	88
October	75	89	89	87
November	84	92	86	88
December	89	93	90	87
Averages	84%	93%	89%	90%

SOURCE: Company Response RCR-CSV-12.1.

Elizabethtown Gas Company
Percent Actual Meter Read

	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>
January	47%	44%	41%	65%	73%	89%	95%
February	44	41	43	68	72	91	95
March	36	44	44	68	78	90	92
April	38	38	45	70	73	90	92
May	45	46	46	58	76	91	96
June	33	42	46	53	78	91	94
July	48	44	44	55	79	89	93
August	44	42	44	58	80	91	96
September	40	38	48	69	83	92	96
October	40	48	-	70	82	90	97
November	39	42	-	71	84	91	92
December	38	40	49	72	86	93	96
Averages	41%	42%	45%	65%	79%	91%	95%

SOURCES: Company Response RCR-CSV-12.1 and Company Letter, May 23, 2005.

Elizabethtown Gas Company
Call Answering Time - Seconds

	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>
January	40	40	204	190	76	190	161
February	32	70	347	179	74	332	79
March	26	60	519	193	64	169	36
April	33	30	691	54	43	110	33
May	32	40	299	41	53	41	38
June	21	31	286	54	52	52	28
July	21	31	475	65	56	36	11
August	24	26	279	282	43	40	13
September	8	61	126	248	60	33	14
October	14	104	41	210	68	46	13
November	19	168	61	49	73	91	8
December	24	123	51	18	68	60	10
Averages	25	65	282	132	61	100	37

SOURCES: Company Response RCR-CSV-12.1 and Company Letter, May 23, 2005.

Elizabethtown Gas Company
60 vs. 30 Second Call Response %

	<u>Response in 60 Seconds</u>			<u>Response in 30 Seconds</u>		
	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2002</u>	<u>2003</u>	<u>2004</u>
January	80	81	44	51	50	39
February	82	66	28	52	32	24
March	87	73	15	48	48	13
April	84	87	8	33	71	7
May	87	83	40	43	73	36
June	91	84	43	60	73	38
July	91	86	18	59	72	14
August	88	89	41	36	78	33
September	98	77	58	34	68	51
October	93	62	85	34	55	81
November	90	50	75	33	43	70
December	87	59	80	34	53	69
Averages	88	75	45	43	60	40

SOURCE: Company Call Center Response Information.

Elizabethtown Gas Company
60 Second Call Response %

	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>
January	80	81	44	49	67	47	53
February	82	66	28	52	66	39	71
March	87	73	15	54	72	62	84
April	84	87	8	75	77	73	85
May	87	83	40	77	74	82	84
June	91	84	43	69	69	80	88
July	91	86	18	65	69	87	94
August	88	89	41	26	75	83	93
September	98	77	58	36	67	87	94
October	93	62	85	40	63	82	93
November	90	50	75	78	53	65	96
December	87	59	80	91	63	77	95
Averages 60	88	75	45	59	68	72	86
Averages 30	43	60	40	41	47	50	59

SOURCES: Company Response RCR-CSV-12.1 and Company Letter, May 23, 2005.

Elizabethtown Gas Company
Abandoned Calls (000's)

	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>
January	2.5	1.7	13.5				
February	2.1	2.8	19.4				
March	1.3	2.8	24.1				
April	2.1	1.1	29.3				
May	1.9	1.8	12.5				
June	1.8	1.1	16.5				
July	1.2	1.3	19.5				
August	1.4	1.0	12.4				
September	0.5	2.6	9.6				
October	0.6	4.4					
November	0.6	6.5					
December	0.8	5.1					
Averages	1.4	2.7	17.4				

SOURCES: Company Letter, May 23, 2005.

Elizabethtown Gas Company
Customer BPU Complaints

	<u>2001</u>	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>
January	65	56	86	160	94	91	77
February	51	49	83	156	80	71	111
March	80	46	57	149	90	125	173
April	89	56	91	232	71	89	125
May	83	54	80	150	77	104	111
June	72	48	70	113	68	79	65
July	86	42	83	104	70	47	61
August	75	47	33	119	89	58	66
September	54	38	100	92	86	64	62
October	63	101	179	123	147	100	57
November	63	68	93	92	91	83	67
December	46	79	137	124	86	88	38
Totals	827	684	1,092	1,614	1,049	999	1,013
Averages		868		-		1,020	

SOURCES: Company Response RCR-CSV-12.1 and Company Letter, May 23, 2005.

Elizabethtown Gas Company
Complaints Per 1,000 Customers

<u>Year</u>	<u>Complaints</u>	<u>Customers</u>	<u>Per 1,000</u>
2001	827	255,700	3.23
2002	684	258,600	2.65
2003	1,092	260,900	4.19
2004	1,656	263,200	6.29
2005	1,050	266,100	3.95
2006	999	268,900	3.72
2007	1,013	271,800	3.73
2008	810	274,700	2.95

Note: Customer levels are approximate annual averages.

SOURCE: Annual Performance Reports, Company Letter, May 23, 2005 and Schedule 4, page 1.

APPENDIX: PRIOR R.W. LELASH TESTIMONIES

R. W. LELASH'S REGULATORY TESTIMONIES
(2003 to Present)

262. Rhode Island, New England Gas Company (Docket No. 3476) Service Quality Surrebuttal Testimony for the Division of Public Utilities (February, 2003).
263. Pennsylvania, Philadelphia Gas Works (Docket No. R-00038173) Gas Procurement and Policy Testimony for the Pennsylvania Office of Consumer Advocate (April, 2003).
264. New Jersey, Elizabethtown Gas Company (Docket No. GA02020099) Comments Concerning Affiliate Audit for the New Jersey Division of the Ratepayer Advocate (June, 2003).
265. Maine, Northern Utilities (Docket No. 2002-140) Management Audit and Service Quality Report for the Maine Public Utilities Commission (June, 2003).
266. New Jersey, Public Service Electric & Gas Company (Docket No. GR03050400) Pipeline Refund Allocation Testimony for the New Jersey Division of the Ratepayer Advocate (August, 2003).
267. Ohio, Vectren Energy Delivery of Ohio (Case No. 02-220-GA-GCR) Gas Procurement and Policy Testimony for the Ohio Consumers' Counsel (November, 2003).
268. Delaware, Delmarva Power & Light Company (Docket No. 03-378F) Evaluation of Gas Procurement and Price Hedging Testimony for the Delaware Public Service Commission (February, 2004).
269. Pennsylvania, Philadelphia Gas Works (Docket Nos. R-00049157 and P-00042090) Purchased Gas Cost Testimony for the Pennsylvania Office of Consumer Advocate (May, 2004)
270. Pennsylvania, Philadelphia Gas Works (Docket Nos. R-00049157 and P-00042090) Purchased Gas Cost Rebuttal Testimony for the Pennsylvania Office of Consumer Advocate (May, 2004)
271. Delaware, Chesapeake Utilities Corporation (Docket No. 02-287F) Gas Supply Plan Review for Chesapeake Utilities and the Delaware Public Service Commission (July, 2004).
272. Georgia, Atmos Energy Corporation (Docket No. 18509-U) Procurement and Capacity Plan Testimony for the Georgia Public Service Commission (August, 2004).
273. Georgia, Atlanta Gas Light Company (Docket Nos. 18437-U and 8516-U) Procurement and Capacity Plan Testimony for the Georgia Public Service Commission (August, 2004).
274. New Jersey, NUI Utilities and AGL Resources (Docket No. GM04070721) Terms and Conditions of Merger Testimony for the New Jersey Ratepayer Advocate (September, 2004).
275. Georgia, Atlanta Gas Light Company (Docket No. 18638-U) Business Risk Testimony for the Georgia Public Service Commission (February, 2005).
276. Pennsylvania, Philadelphia Gas Works (Docket No. R-00050264) Purchase Gas Cost Testimony for the Pennsylvania Office of Consumer Advocate (April, 2005).
277. Federal Energy Regulatory Commission, Exelon and Public Service Enterprise Group (Docket No. EC05-43-000) Market Power Testimony by Affidavits for the New Jersey Division of the Ratepayer Advocate (April and May, 2005).

278. Pennsylvania, PECO Energy Company (Docket No. R-00050537) Gas Procurement and Policy Testimony for the Pennsylvania Office of Consumer Advocate (July, 2005).
279. Georgia, Atmos Energy Corporation (Docket No. 20528-U) Gas Supply Plan Testimony for the Georgia Public Service Commission (August, 2005).
280. New Jersey, Public Service Electric & Gas/Exelon (Docket No. EM05020106) Gas Related Merger Testimony for the New Jersey Ratepayer Advocate (November, 2005).
281. New Jersey, Public Service Electric & Gas/Exelon (Docket No. EM05020106) Gas Related Merger Surrebuttal Testimony for the New Jersey Ratepayer Advocate (December, 2005).
282. New Jersey, Pivotal Utilities Holdings (Docket No. GR05040371) Pipeline Replacement Cost Recovery Testimony for the New Jersey Ratepayer Advocate (February, 2006).
283. New Jersey, Public Service Electric & Gas Company (Docket No. GR05050470) Gas Supply Requirements Testimony for the New Jersey Ratepayer Advocate (May, 2006).
284. New Jersey, Public Service Electric & Gas Company (Docket No. GR05100845) Base Rate Gas Policy Testimony for the New Jersey Ratepayer Advocate (June, 2006).
285. Vermont, Vermont Gas Systems (Docket No. 7109/7160) Report on Gas Price Hedging for Vermont Gas Systems (December, 2006).
286. Delaware, Chesapeake Utilities Corporation (Docket No. 06-287F) Report on Gas Price Hedging for Chesapeake Utilities Corporation (March 2007).
287. Delaware, Chesapeake Utilities Corporation (Docket No. 06-287F) Gas Procurement and Policy Testimony for the Delaware Public Service Commission (March, 2007).
288. Pennsylvania, Philadelphia Gas Works (Docket No. R-00061931) Base Rate Case Testimony for the Pennsylvania Office of Consumer Advocate (April, 2007).
289. Pennsylvania, Philadelphia Gas Works (Docket No. R-00072110) Gas Cost Rate Testimony for the Pennsylvania Office of Consumer Advocate (April 2007)
290. Pennsylvania, Philadelphia Gas Works (Docket No. R-00061931) Base Rate Rebuttal Testimony for the Pennsylvania Office of Consumer Advocate (May 2007).
291. Pennsylvania, Philadelphia Gas Works (Docket No. R-0001931) Base Rate Surrebuttal Testimony for the Pennsylvania Office of Consumer Advocate (May 2007).
292. Pennsylvania, PECO Energy Company (Docket No. R-00072331) Gas Procurement and Policy Testimony for the Pennsylvania Office of Consumer Advocate (July, 2007).
293. Georgia, Atlanta Gas Light Company (Docket No. 18437-U) Capacity Supply Plan Testimony for the Georgia Public Service Commission (August, 2007)
294. Delaware, Chesapeake Utilities Corporation (Docket No. 07-186) Gas Policy Testimony for the Delaware Public Service Commission (December, 2007).

295. Delaware, Chesapeake Utilities Corporation (Docket No. 07-246F) Gas Procurement and Policy Testimony for the Delaware Public Service Commission (April, 2008).
296. Pennsylvania, Philadelphia Gas Works (Docket No. R-2008-2021348) Gas Cost Rate Testimony for the Pennsylvania Office of Consumer Advocate (April, 2008).
297. New Jersey, New Jersey Natural Gas Company (Docket No. GR07110889) Base Rate Policy Testimony for the Division of Rate Counsel (April, 2008).
298. Georgia, Atmos Energy Corporation (Docket No. 27168) Gas Supply Plan Testimony for the Georgia Public Service Commission (August, 2008).
299. Pennsylvania, Philadelphia Gas Works (Docket No. R-2008-2073938) Emergency Rate Relief Testimony for the Pennsylvania Office of Consumer Advocate (December, 2008).
300. Delaware, Delmarva Power & Light Company (Docket No. 08-266F) Gas Procurement and Policy Testimony for the Delaware Public Service Commission (February, 2009).
301. Delaware, Chesapeake Utilities Corporation (Docket No. 08-269F) Gas Procurement and Policy Testimony for the Delaware Public Service Commission (March, 2009).
302. Pennsylvania, Philadelphia Gas Works (Docket No. R-2009-2088076) Gas Procurement and Policy Testimony for the Pennsylvania Office of Consumer Advocate (April, 2009).
303. Pennsylvania, PECO Energy Company (Docket No. R-2009-2108705) Gas Procurement and Policy Testimony for the Pennsylvania Office of Consumer Advocate (July, 2009).
304. Delaware, Chesapeake Utilities Corporation (Docket No. 08-269F, Phase II) Gas Policy Testimony for the Delaware Public Service Commission (August, 2009).
305. Georgia, Atmos Energy Corporation (Docket No. 29554) Gas Supply Plan Testimony for the Georgia Public Service Commission (August, 2009).