

BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION

Petition Of Duquesne Light Company :
For Approval Of Default Service Plan : Docket No. P-_____
For The Period January 1, 2008 :
Through December 31, 2010 :

DIRECT TESTIMONY OF
MORGAN K. O'BRIEN

DOCUMENT
FOLDER

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Dated: January 25, 2007

1 Q. PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.

2 A. My name is Morgan K. O'Brien. My business address is 411 Seventh Avenue,
3 Pittsburgh, Pennsylvania 15219.

4

5 Q. WHAT IS YOUR CURRENT POSITION?

6 A. I am President and Chief Executive Officer of Duquesne Light Holdings, Inc. and of
7 Duquesne Light Company ("Duquesne Light" or the "Company").

8

9 Q. PLEASE DESCRIBE YOUR EDUCATIONAL AND PROFESSIONAL
10 EXPERIENCE.

11 A. I graduated in 1982 with a Bachelor of Arts degree in Business Administration and a
12 Master of Science degree in 1985 from Robert Morris College. Thereafter, I was
13 employed in public accounting with Coopers & Lybrand and also with Deloitte &
14 Touche. In 1991, I began my employment with Duquesne Light Company. Since that
15 time, I have held numerous positions with the Company, including Controller and
16 Treasurer, Vice President of Corporate Development, and Chief Operating Officer. I
17 assumed my present position of President and Chief Executive Officer of Duquesne Light
18 Holdings (formerly DQE, Inc.) in September 2001 and President and Chief Executive
19 Officer of Duquesne Light in August 2003. Additional information regarding my
20 qualifications, work experience and background are attached as Exhibit MKO-1.

21

22

23

1 **Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY?**

2 **A.** The purpose of my testimony is to provide an overview of Duquesne Light's plan for
3 default service for the period from January 1, 2008 through December 31, 2010 ("Default
4 Service Plan" or "Plan"). Part I of my testimony summarizes Duquesne Light's proposed
5 Default Service Plan for 2008 through 2010. Part II provides a general background on
6 Duquesne Light's prior restructuring and three prior default service plans. This
7 experience helped form the design of the proposed Default Service Plan. Part III
8 identifies the major policy considerations associated with Duquesne Light's development
9 of its Default Service Plan. Part IV provides some further details of the Default Service
10 Plan and explains how Duquesne Light balanced the major policy considerations in
11 developing this Plan.

12
13 **I. SUMMARY OF THE DEFAULT SERVICE PLAN**

14 **Q. PLEASE PROVIDE A SUMMARY OF THE DEFAULT SERVICE PLAN.**

15 **A.** The Default Service Plan is a comprehensive program under which Duquesne Light will
16 provide default service to its customers for 2008 through 2010. This three-year period
17 was selected because it provides a critically important three-year bridge to 2011, when
18 generation rate caps expire for most other major Pennsylvania electric distribution
19 companies ("EDCs"). Approval of this Plan will assure that Duquesne Light's residential
20 customers receive default service under terms and conditions similar to the service
21 received by other Pennsylvanians. In addition, we have included in our Plan a number of
22 measures that are designed to further promote retail competition in the Duquesne Light
23 service territory. The primary elements of the Default Service Plan are as follows:

1 **Large C&I Customers**

- 2 • The default service rate for Large Commercial & Industrial (“Large C&I”)
3 customers will be hourly pricing. Per the Commission’s POLR III Order,
4 Duquesne Light will no longer provide a fixed price option to Large C&I
5 customers beginning June 1, 2007.

6 **Small C&I Customers**

- 7 • Rates for Small Commercial & Industrial (“Small C&I”) customers will be based
8 on the prevailing market price, at the time of the filing, for a three-year (2008-
9 2010) fixed price, full requirements contract. During the Plan period, rates will be
10 adjusted annually for 2009 and 2010 based upon a market index adjustment factor
11 that will reflect changes in market price levels from the time rates were
12 developed.
- 13 • Supply related demand charges and declining energy blocks for Small C&I
14 customers will be eliminated over a three-year period.
- 15 • For 2010 and thereafter, there will be a single energy rate for Small C&I
16 customers.

17 **Residential & Lighting Customers**

- 18 • Rates for Residential and Lighting customers will be based on the prevailing
19 market price, at the time of the filing, for a three-year (2008-2010) fixed price,
20 full requirements contract.
- 21 • Declining energy blocks for Residential heating customers will be eliminated over
22 a three-year period.
- 23 • For 2010 and thereafter, there will be a single energy rate for Residential
24 customers.

25 **Market Enhancement Measures**

- 26 • Duquesne Light is proposing a purchase of receivables (“POR”) program to
27 purchase EGS billings to Residential and Small C&I customers. The POR
28 program was developed in discussions arising out of Duquesne Light’s recent
29 distribution rate case and reflects a consensus proposal with broad support from
30 many parties.
- 31 • As explained above, Duquesne Light proposes, over a three-year period, to
32 simplify its rate structure to flat energy prices for Residential and Small C&I
33 customers, which will allow customers and EGSs to more easily compare
34 competitive offers.

- 1 • Pursuant to the settlement of its recent distribution rate proceeding, Duquesne
2 Light will convene regular meetings with EGSs to discuss supplier issues.
- 3 • Pursuant to the settlement of its recent distribution rate proceeding, Duquesne
4 Light has performed a cost allocation analysis and determined that it properly
5 allocates costs out of its regulated business and has protections in place to
6 separate regulated and unregulated businesses.
- 7 • Duquesne Light will strengthen enforcement of its Code of Conduct by having
8 key employees annually commit in writing to follow its terms.

9 As an initial matter, I want to emphasize that this Plan was not developed in a vacuum.

10 As explained in more detail by Mr. Eichenmiller, Duquesne Light has undertaken
11 extensive efforts to meet with interested parties to develop a default service plan that
12 balances the interests of customers, EGSs and Duquesne Light as competitive markets
13 continue to develop. Duquesne Light also has built upon the success achieved in
14 promoting competition through its prior default service plans and proposes significant
15 steps to further promote retail competition in its service territory. Taken together, the
16 Default Service Plan provides customers with just and reasonable rates for default service
17 based on prevailing market prices, actively promotes the further development of retail
18 competition and provides a balanced and pro-active bridge to 2011 when generation rate
19 caps for the majority of electric customers in the Commonwealth expire. Duquesne
20 Light strongly believes that the Plan reflects an appropriate balance of these competing
21 interests and should be approved.

1 Q. PLEASE INTRODUCE THE TESTIMONY OF DUQUESNE LIGHT'S OTHER
2 WITNESSES.

3 A. Duquesne Light is submitting the testimony of five other witnesses. Frederick
4 Eichenmiller, Director of Rates and Regulatory Affairs, will describe the process used to
5 prepare the filing, an overview of the key steps Duquesne Light is proposing to transition
6 to competitive markets, and measures that Duquesne Light takes to promote
7 conservation. Neil Fisher, an expert on retail markets from The Northbridge Group,
8 provides support for Duquesne Light's proposal to offer three types of default service by
9 customer type and provides market evidence that the fixed prices offered to Residential,
10 Lighting and Small C&I customers reflect prevailing market prices. Mr. Fisher also
11 describes the market index adjustment factor for Small C&I rates. William Pfrommer,
12 Manager of Rates, will describe the proposed default service rates and associated tariff
13 rules. Nancy Krajovic, Manager of Regulatory Affairs, describes the considerable effort
14 made prior to this filing by Duquesne Light and the other parties to develop a new POR
15 program. Susan Betta, Duquesne Light's Controller, provides an analysis addressing
16 whether any portion of Duquesne Light's operations is subsidizing its affiliates, including
17 its affiliate EGS, Duquesne Light Energy.

18
19 **II. REGULATORY BACKGROUND**

20 Q. WHAT TOPICS DO YOU ADDRESS IN THIS SECTION OF YOUR
21 TESTIMONY?

22 A. I first provide a brief summary of certain aspects of Duquesne Light's prior restructuring
23 and default service proceedings that may be relevant in assessing the proposed Default

1 Service Plan. I then provide a brief summary of the status of the Commission's default
2 service regulations, and Duquesne Light's position regarding these regulations.

3
4 **Q. PLEASE DESCRIBE DUQUESNE LIGHT'S ELECTRIC RESTRUCTURING**
5 **PLAN TO THE EXTENT IT RELATES TO THIS PROCEEDING.**

6 **A.** The important part of Duquesne Light's restructuring plan, as pertinent to this
7 proceeding, is the sale of Duquesne Light's generating plants and the resulting mitigation
8 of stranded costs. In 1998, the Commission approved a plan whereby Duquesne Light
9 would (i) swap its partial interests in certain coal and nuclear plants with FirstEnergy for
10 wholly-owned interests in other coal-fired generating plants, and (ii) subsequently sold
11 the assets received from FirstEnergy, together with Duquesne Light's other wholly-
12 owned fossil units, to third parties through a formal bidding process. The winning bidder
13 in this auction was Orion Power Midwest, Inc. ("Orion"), an entity later purchased by
14 Reliant Resources, Inc. ("Reliant"). This auction was very successful in mitigating
15 stranded costs. As a result of the auction, Duquesne Light's transition period for
16 collecting a competitive transition charge ("CTC") was shortened from 2007 to 2002 for
17 most customers, and Duquesne Light became the first major utility in the Commonwealth
18 to terminate stranded cost recovery, resulting in substantial rate reductions for customers.

1 **Q. GIVEN THAT DUQUESNE LIGHT DIVESTED ITS GENERATION, HOW DID**
2 **DUQUESNE LIGHT PROCURE POWER ON BEHALF OF ITS DEFAULT**
3 **SERVICE CUSTOMERS?**

4 A. Duquesne Light initially purchased its default service supply requirements at wholesale
5 from Orion. The generation auction included a wholesale requirements contract under
6 which Orion would supply power for Duquesne Light's default service load at prices
7 consistent with the statutory rate cap then in effect. This contract terminated at the end of
8 the transition period for each rate schedule. Specifically, after termination of the CTC for
9 a given rate schedule, Orion no longer had an obligation to supply loads in that rate
10 schedule. In addition, under the Competition Act, rate caps for those customers expired.

11
12 **Q. HOW DID DUQUESNE LIGHT ADDRESS ITS DEFAULT SERVICE SUPPLY**
13 **REQUIREMENTS FOLLOWING TERMINATION OF THE CTC?**

14 A. Soon after closing of the auction, Duquesne Light commenced negotiations with Orion to
15 procure the power necessary to provide post-transition period default service. The
16 product of those negotiations was a full requirements agreement (commonly referred to
17 as the "POLR II Agreement") under which Orion would supply power to meet Duquesne
18 Light's default service supply requirements through December 31, 2004. The agreement
19 was similar in most respects to the first agreement with Orion and allowed Duquesne
20 Light to continue to provide default service at fixed rates to all of its customers.
21 Although the wholesale rates charged by Orion increased under the second full
22 requirements agreement, termination of the CTC meant that residential customers

1 received a net rate reduction of 21% under POLR II. On a system-wide basis, the
2 average net rate reduction was 17%.

3
4 **Q. DID THE COMMISSION APPROVE THE RATES AND TERMS OF DEFAULT**
5 **SERVICE FOR THIS PERIOD?**

6 **A.** Yes. Duquesne Light filed its proposal, commonly referred to as the “POLR II Plan,” on
7 June 30, 2000. The POLR II petition was assigned to a stakeholder negotiation
8 conducted by then-Chairman Quain and Commissioner Fitzpatrick. Most of the active
9 parties to the proceeding were thereafter able to reach a settlement (“POLR II
10 Settlement”). The settlement was approved on November 30, 2000. *Pennsylvania Public*
11 *Utility Commission v. Duquesne Light Company; Petition for Approval of Plan for Post-*
12 *Transition Period POLR Service*, Docket No. R-00974104 (Order entered Nov. 30,
13 2000).

14
15 **Q. HOW DID DUQUESNE LIGHT ADDRESS ITS DEFAULT SERVICE**
16 **REQUIREMENTS AFTER POLR II?**

17 **A.** On December 9, 2003, Duquesne Light filed a Petition requesting approval of its Plan for
18 Provider of Last Resort (“POLR III”) for the period of January 1, 2005 through
19 December 31, 2010. In its POLR III Petition, Duquesne Light proposed to offer
20 Residential and Small C&I customers default service at fixed rates for the period January
21 1, 2005 through December 31, 2010. The POLR III rates, as filed, reflected an increase
22 of 11.5% in January 2005, followed by a 9.3% increase in January 2008. To obtain
23 power for these small customers, Duquesne Light proposed to rely on its affiliate,

1 Duquesne Power, to procure power through a combination of generation assets owned by
2 Duquesne Power and wholesale market purchases. Duquesne Light chose a six-year
3 period to align Duquesne Light's customers with the large majority of other default
4 service customers in the Commonwealth. Under the POLR III Plan as proposed,
5 Duquesne Light's small customers would have had fixed rates through 2010, when rate
6 caps for the majority of electric customers in the Commonwealth expire.

7
8 The second element of the POLR III plan provided for competitive solicitations to
9 procure power to serve Large C&I customers taking default service. Duquesne Light
10 proposed to offer an hourly market price service ("HPS") under which the customer
11 would pay the real-time market clearing prices within PJM applicable to its location as
12 well as a capacity payment to satisfy PJM's capacity obligation. Duquesne Light also
13 proposed a Fixed-Price Default Service ("FPDS") under which default service rates
14 would be fixed for a one-year period.

15
16 **Q. DID THE COMMISSION APPROVE THE POLR III PLAN?**

17 **A.** In part. The Commission approved Duquesne Light's POLR III Plan with certain
18 modifications. *Petition of Duquesne Light Company for Approval of Plan For Post-*
19 *Transition Period Provider of Last Resort Service*, Docket No. P-00032071, Order
20 entered August 23, 2004 ("*POLR III Order*"). Of importance here, the Commission
21 limited the term of the POLR III Plan to three years. While the Commission did not
22 adopt a six-year term, the Commission did find that Duquesne Light's proposed rates for
23 the first three years were consistent with prevailing market prices. In finding that

1 Duquesne Light's proposed rates were market based, the Commission relied on Duquesne
2 Light's testimony regarding recent supply auctions in a neighboring jurisdiction in PJM
3 and evidence presented by the Office of Consumer Advocate that several market price
4 analyses in the record supported the proposed rates.

5
6 In addition, the Commission approved Duquesne Light's plan to offer both HPS and
7 FPDS to Large C&I customers. The Commission modified the structure of the POLR III
8 proposal to make HPS the default option and ordered that FPDS terminate as a default
9 service option on May 31, 2007. (Reconsideration Order entered October 5, 2004.)

10
11 **Q. WHAT IS THE STATUS OF THE COMMISSION'S DEFAULT SERVICE**
12 **REGULATIONS?**

13 **A.** In late 2004, the Commission commenced a rulemaking proceeding to adopt default
14 service regulations. *Rulemaking Re Electric Distribution Companies' Obligation to*
15 *Serve Retail Customers at the Conclusion of the Transition Period Pursuant to 66 Pa.*
16 *C.S. § 2807(e)(2), Docket No. L-00040169 (Order entered December 16, 2004).*
17 Proposed regulations were published in the Pennsylvania Bulletin on February 26, 2005
18 and the public comment period concluded on June 27, 2005. The Independent
19 Regulatory Review Commission ("IRRC") issued its comments on the proposed
20 regulations on July 27, 2005. On November 10, 2005, the Commission issued an Order
21 reopening the public comment period for the proposed default service regulations to
22 receive comments regarding the interaction of default service with the Alternative Energy

1 Portfolio Standards Act of 2004 (“AEPS”) and the mandates of the Energy Policy Act of
2 2005, as well as specific issues raised by IRRC.

3
4 On March 8, 2006, Duquesne Light submitted Comments in accordance with the
5 Commission’s schedule. In its Comments, Duquesne Light expressed its concerns with
6 the proposed default service regulations, and especially the provisions that would adopt a
7 competitive wholesale solicitation process as the only model for procuring default supply
8 service and determining default service prices. Duquesne Light noted the recent
9 experience of Pike County Light & Power where default prices rose 129%, high prices
10 resulting from auctions in New Jersey and Delaware, and Duquesne Light’s success in
11 two post-transition default service plans as support for its position. Duquesne Light
12 proposed that the Commission incorporate greater flexibility in its regulations for both
13 pricing of default service and the acquisition of default supply. Duquesne Light also
14 commented that if default service regulations are adopted, they should not be made
15 effective until 2011, when the transition periods of other major electric distribution
16 companies expire. In addition, Duquesne Light commented on the questions specifically
17 identified by the Commission.

18
19 On April 7, 2006, Duquesne Light filed Reply Comments. In its Reply Comments,
20 Duquesne Light urged the Commission not to apply regulations prior to 2011 when all
21 major EDCs had emerged from rate caps. Duquesne Light also requested that the
22 Commission provide flexibility with respect to alternatives for how: a) default suppliers
23 acquire supply, b) prevailing market prices are established, and c) costs are reconciled.

1 Duquesne Light commented that flexibility was especially important because wholesale
2 and retail market development is an evolving process.

3
4 At this time, the Commission has not issued any further order with regard to its proposed
5 default service regulations.

6
7 **III. POLICY CONSIDERATIONS AND DEFAULT SERVICE SUPPLY OPTIONS**

8 **Q. AS AN INITIAL MATTER, IS DUQUESNE LIGHT'S DEFAULT SERVICE**
9 **PLAN INTENDED TO ESTABLISH PRECEDENT FOR OTHER EDCS?**

10 **A.** No. Duquesne Light's Default Service Plan is not intended to establish a precedent for
11 the rest of Pennsylvania, but rather is an interim plan intended to bridge the gap between
12 when POLR III expires on December 31, 2007, and January 1, 2011, when all
13 Pennsylvania EDCs will no longer be subject to rate caps.

14
15 **Q. WHAT WERE THE IMPORTANT POLICY CONSIDERATIONS ASSOCIATED**
16 **WITH DEVELOPING THE DEFAULT SERVICE PLAN?**

17 **A.** We considered several important policy issues in developing our proposed Default
18 Service Plan. Two of the most important issues were: (i) the effect of the plan on
19 competition, and (ii) the level of price certainty and rate stability provided by the plan for
20 different customer groups. Other important considerations included the risks to be
21 assumed by Duquesne Light, the transitional nature of the filing, the impact of legacy rate
22 designs and conservation.

1 Q. CAN THERE BE TENSION AMONG THESE POLICY CONSIDERATIONS?

2 A. Yes. For example, customers may prefer a lower rate for default service, but such rates
3 may provide less opportunity for EGSs to compete to serve retail customers and less
4 opportunity for the default service provider to be compensated for the risks assumed in
5 procuring default supply and providing default service. Similar concerns arise in
6 considering the time period for setting default prices. A longer term, fixed rate plan
7 provides more price certainty and less price volatility for customers but can increase risk
8 to the default supplier and can, in certain circumstances, inhibit the development of retail
9 competition.

10

11 Q. ARE THERE RISKS ASSOCIATED WITH PROVIDING LONG-TERM, FIXED
12 RATE DEFAULT SERVICE OPTIONS?

13 A. Yes. Long-term arrangements to supply default service at fixed prices provide increased
14 certainty and predictability of electric rates for customers; however, they also, by their
15 nature, involve increased risks for the default service supplier. The wholesale electric
16 markets can be quite volatile. Price volatility poses significant risks for any supplier that
17 commits to sell electricity at a fixed price, as Duquesne Power is doing in this
18 proceeding. Moreover, the risks associated with price volatility increase with a longer-
19 term arrangement.

20

21

22

23

1 Q. WHAT OTHER CONSIDERATIONS WERE IMPORTANT TO DUQUESNE
2 LIGHT IN DESIGNING ITS DEFAULT SERVICE PLAN?

3 A. Duquesne Light also was cognizant of the different characteristics of, and circumstances
4 facing, our small and large customer groups. There is more competition by EGSs to
5 serve Large C&I customers than Residential and Small C&I customers and, in addition,
6 larger customers generally are better able to weigh the benefits and risks of various power
7 supply options. For these reasons, we have proposed significantly different default
8 service plans for these different customer groups.

9
10 Finally, in developing the Default Service Plan, we gave significant consideration to the
11 fact that the majority of electric customers in the Commonwealth are still under rate caps
12 until 2011 and that Duquesne Light's existing rates have certain legacy features that
13 require some continued rate design measures to avoid individual customer rate
14 dislocation.

15
16 Q. HOW DOES DUQUESNE LIGHT'S DEFAULT SERVICE PLAN ADDRESS
17 THESE POLICY CONSIDERATIONS?

18 A. Duquesne Light's Default Service Plan is designed to fairly balance the policy
19 considerations outlined above in light of the circumstances faced by Duquesne Light at
20 this time. This does not mean that our Plan has generic applicability to other utilities in
21 the Commonwealth or the state-wide rules for post-transition period default service that
22 the Commission will ultimately adopt. Rather, Duquesne Light's Default Service Plan

1 addresses the particular circumstances it faces and the fact that most EDC rates in
2 Pennsylvania will continue to be subject to rate caps until 2011.

4 IV. DEFAULT SERVICE PLAN

5 **Q. PLEASE SUMMARIZE THE RATES PROPOSED BY DUQUESNE LIGHT IN**
6 **THIS PROCEEDING?**

7 **A.** The proposed average supply rates are presented in Mr. Pfrommer's testimony as Exhibit
8 WVP-3. Under the Plan, the average supply rate for Residential Rate RS customers
9 would increase by 17.6%, as compared to current POLR III levels. The average supply
10 rate for Small C&I Rate GS/GM customers would increase by 13.6%. On the same
11 basis, the average supply rates for Lighting customers would increase by 29.5%. As
12 explained by Mr. Pfrommer, Duquesne Light's POLR III supply rates include ancillary
13 service charges and PJM administrative charges. The Company is proposing to recover
14 these costs in its retail transmission rates. However, in order to provide comparable
15 figures, the rate comparisons set forth above include ancillary service and PJM
16 administrative costs in the supply rates.

17
18 **Q. HOW WERE THESE RATES DEVELOPED?**

19 **A.** In order to establish the proposed fixed rate levels for Residential and Small C&I
20 customers, Duquesne Light reviewed the market price results of recent solicitations to
21 supply full requirements default service. Mr. Fisher describes the solicitations that were
22 reviewed and the analysis of the results in his testimony. As part of this analysis,
23 Duquesne Light considered relevant market information (including Duquesne-specific

1 customer load patterns and differences in Duquesne Zone market prices) as well as
2 potential rate impacts for certain customer classes. The rate design and rate impact issues
3 considered are described in Mr. Pfrommer's testimony.
4

5 **Q. HOW DID DUQUESNE LIGHT BALANCE THE POLICY CONSIDERATIONS**
6 **DESCRIBED IN SECTION III OF YOUR TESTIMONY?**

7 **A.** As noted in Section III above, important policy issues that were considered in developing
8 the Default Service Plan include promoting competition, providing price certainty and
9 rate stability for Residential and Small C&I customers, providing an effective transition
10 from the POLR III plan to 2011 when generation rate caps for the majority of customers
11 in the Commonwealth expire and eliminating legacy rate designs that do not encourage
12 conservation. The Default Service Plan effectively balances these important
13 considerations.
14

15 The Default Service Plan promotes competition for Residential customers by setting
16 default rates to reflect prevailing market prices and eliminating declining energy blocks
17 over a three-year period. By setting rates to reflect prevailing market prices, marketers
18 will have a better opportunity to serve these customers. Eliminating declining energy
19 blocks should also promote competition. By 2010, Duquesne Light will have a single
20 energy rate for all Residential customers. This simplified rate structure should promote
21 competition by making it easy for marketers and customers to compare rate offers.
22

1 At the same time, the Default Service Plan balances the need for price certainty and rate
2 stability for Residential customers by providing fixed rates for the three-year period 2008
3 through 2010. The Plan also serves as an effective transition for Residential customers to
4 2011 by raising rates to prevailing market levels to mitigate potential rate shock and
5 eliminating declining energy blocks for residential heating customers over a three-year
6 period. Eliminating declining energy blocks also encourages conservation.

7
8 For Small C&I customers, the Plan promotes competition by setting rates to reflect
9 prevailing market prices, annually adjusting the rates based upon a market index,
10 eliminating declining energy blocks and supply related demand charges and creating a
11 single energy rate for all usage over a three-year period. By setting rates to reflect
12 prevailing market prices, marketers should have a better opportunity to serve these
13 customers because the proposed rates are higher than current rates under the POLR III
14 plan. In addition, by making annual adjustments to rates, marketers have assurance that
15 the rates will change with market conditions. Eliminating declining energy blocks and
16 demand charges should also promote competition. By 2010, Duquesne Light will have a
17 single energy rate for all Small C&I customers. This should promote competition
18 because it will make it easier for marketers and customers to compare rate offers.

19
20 At the same time, the Plan balances the need to provide price certainty and rate stability
21 to Small C&I customers by fixing rates over one-year terms. The Plan also serves as an
22 effective transition to 2011 by raising rates to reflect prevailing market prices,

1 eliminating declining energy blocks and eliminating demand charges. Eliminating
2 declining energy blocks also promotes conservation.

3
4 The weighting of policy considerations is somewhat different for Large C&I customers
5 than for the other customer classes. Large C&I customers are generally better prepared
6 to make informed supply decisions and do not require the same level of price stability as
7 Residential and Small C&I customers. Moreover, competition for these customers is the
8 most robust. As of December 2006, approximately 98% of the Large C&I customer load
9 in Duquesne Light's service territory was shopping with a competitive supplier.
10 Duquesne Light, therefore, proposes to offer hourly priced default service to these
11 customers with no fixed price service. Pursuant to the Commission's Reconsideration
12 Order entered on October 5, 2004 in the POLR III proceeding, Duquesne Light's fixed
13 price service for Large C&I customers expires on May 31, 2007. After May 31, 2007,
14 Duquesne Light proposes to rely on EGSs to offer these customers fixed price service.

15
16 **Q. IS IT POSSIBLE, HOWEVER, THAT SOME LARGE CUSTOMERS WOULD**
17 **PREFER FIXED RATES AS ARE BEING OFFERED TO SMALL CUSTOMERS?**

18 **A.** Yes, that is certainly possible. However, it has proven difficult for Duquesne Light to
19 offer a fixed price service in a manner that is attractive to Large C&I customers. Recent
20 competitive solicitations conducted by Duquesne Light attracted few bidders and
21 customers did not elect the resulting fixed price service. If a Large C&I customer desires
22 fixed rates, it can negotiate such an arrangement with an EGS and structure that
23 arrangement to meet its particular needs.

1 Q. PLEASE DESCRIBE OTHER WAYS THE DEFAULT SERVICE PLAN
2 PROMOTES COMPETITION.

3 A. The Plan also implements other important market enhancement measures which are
4 designed to promote competition and apply to more than one customer class. Under the
5 Plan, Duquesne Light is implementing a POR program under which Duquesne Light has
6 agreed to purchase the accounts receivable, without recourse, associated with EGS sales
7 of retail electricity to Residential and Small C&I customers in Duquesne Light's service
8 territory. Duquesne Light will purchase the accounts receivable at a small discount and
9 then seek to recover EGS receivables from customers consistent with Duquesne Light's
10 existing collection procedures.

11
12 The POR program should promote competition for these customers because it will
13 eliminate EGSs' risks of serving payment troubled customers and allow EGSs to expand
14 their markets without incurring costs associated with upfront credit analysis of customers,
15 collection activities or uncollectible accounts in the event of non-payment. Under the
16 POR program, EGSs cannot reject customers based on credit-related issues. This should
17 promote access to competitive options for customers that might otherwise not be served
18 by EGSs.

19
20 Duquesne Light has implemented other important market enhancement measures that are
21 designed to promote competition. Duquesne Light will strengthen enforcement of its
22 Code of Conduct by requiring key employees to annually commit in writing that they will
23 follow its terms. This will benefit marketers by ensuring that Duquesne Light will not

1 provide preferential treatment to its affiliates. In addition, as agreed to in its last rate
2 case, Duquesne Light will convene multiple meetings each calendar year with EGSs to
3 facilitate market development. This should also promote competition by providing an
4 avenue for EGSs to communicate their concerns about market development. Pursuant to
5 the rate case Settlement, Duquesne Light has also reviewed its cost allocation procedures
6 and has determined that its cost assignment and allocation practices properly allocate
7 costs between its regulated business and its unregulated businesses and that it has
8 protections in place to separate regulated and unregulated business activities. This
9 promotes competition because it ensures that Duquesne Light is not subsidizing its
10 affiliated EGS, Duquesne Light Energy.

11
12 **Q. HOW WILL DUQUESNE LIGHT ACQUIRE THE POWER NECESSARY TO**
13 **SUPPLY DEFAULT SERVICE TO RESIDENTIAL AND SMALL C&I**
14 **CUSTOMERS?**

15 **A.** Duquesne Light will procure supply for residential and Small C&I customers through a
16 full requirements contract with its affiliate, Duquesne Power. The Commission has
17 already approved this basic supply agreement for the 2008-2010 period between
18 Duquesne and Duquesne Power in its *POLR III Order*:

19 Duquesne has also requested approval of the Duquesne – Duquesne Power supply
20 arrangements as an affiliated interest agreement pursuant to Section 2102(b) of
21 the Code...We agree that the affiliated interest agreement for supply
22 arrangements is in the public interest and we will approve that agreement as
23 required by Section 2102(b) of the Code. In doing so, we acknowledge that the
24 term of the power supply agreement extends beyond the term of the Small
25 Customer Plan as approved herein. As we have discussed at length, nothing in
26 this Opinion and Order prevents Duquesne from seeking to recover market based
27 prices for energy acquired for POLR supply subsequent to the term mandated
28 herein. (*POLR III Order*, p. 53.)

1 Furthermore, the Federal Energy Regulatory Commission has already granted Duquesne
2 Power the authority to establish market-based rates and has already granted a waiver of
3 the affiliate sales prohibitions and code of conduct requirement. (FERC Order
4 Authorizing Disposition of Jurisdictional Facilities and Accepting Market-Based Rate
5 Tariff, Docket EC04-36-000, August 6, 2004).

6
7 Under the Default Service Plan, Duquesne Light will amend its contract with Duquesne
8 Power to update the prices that are paid for power and to make other minor modifications
9 that are necessary to implement the Plan. After the amendments are finalized, Duquesne
10 Light will submit the updated agreement to the Commission for review and approval in
11 this proceeding. Because the Commission has previously approved the form of the
12 agreement and the modifications are minor, Duquesne Light does not anticipate that this
13 agreement will be controversial.

14
15 In addition, as a part of this Plan, Duquesne Power has agreed to rely on competitive
16 wholesale market purchases in PJM to obtain 100% of its supply obligations for
17 Duquesne Light's customers. In order to acquire electricity at prevailing market prices,
18 Duquesne Power may enter into bilateral contracts with third party suppliers, conduct
19 RFPs, and/or purchase spot electricity in the competitive wholesale market. Duquesne
20 Power will assume market price, regulatory approval, customer switching, load following
21 and other regulatory and business related risks associated with providing fixed price
22 default service supply. Duquesne Power also will procure alternative energy credits in
23 order to comply with AEPS.

1 Q. DUQUESNE LIGHT IS HOLDING ITS FIXED-RATE OFFER FOR
2 RESIDENTIAL AND SMALL C&I CUSTOMERS OPEN DURING THE
3 REGULATORY APPROVAL PERIOD. WHY IS THAT?

4 A. We believe that this approach gives the Commission the best information upon which to
5 base its decision. Rather than have the Commission approve a solicitation process with
6 an uncertain future outcome, Duquesne Light has developed rates that are known at the
7 time of this filing. The Commission and the parties in this proceeding will have adequate
8 time to evaluate these rate levels and consider the impact on customers and retail
9 competition. Duquesne Power, and not retail customers, bears the risk of market price
10 movements between now and the time this Plan is approved. This is a significant
11 difference between Duquesne Light's Default Service Plan and solicitation processes
12 recently conducted in Maryland and New Jersey. Duquesne Light, therefore, developed
13 rates that would adequately compensate for all risks being undertaken, including the risk
14 of changes in market prices during the regulatory approval period. However, because of
15 this risk, Duquesne Light is requesting expedited approval of the Default Service Plan.

16
17 Q. ARE THOSE RISKS SIGNIFICANT?

18 A. Yes. As discussed by Mr. Fisher, Duquesne Power faces a wide range of risks, including
19 changes in prices, quantity, length of regulatory review period, changes in load shape due
20 to shopping, and other risks in agreeing to provide full requirements, default supply for
21 Duquesne Light's customers. The risks are built into the prices proposed in the Default
22 Service Plan. This is appropriate, in my view, because it provides fixed rates for

1 customers, and all else equal, results in somewhat higher prices which will further
2 promote retail competition.

3
4 **Q. WHAT PREMIUM IS DUQUESNE POWER PROPOSING TO CHARGE TO**
5 **COVER THE COSTS AND RISKS ASSOCIATED WITH HOLDING ITS FIXED**
6 **PRICE OPEN DURING THE REGULATORY REVIEW PERIOD?**

7 **A.** In exchange for being the supplier in Duquesne's Default Service Plan, Duquesne Power
8 is willing to provide this benefit for a charge of 0.3 cents per kWh for Residential
9 customers and 0.15 cents per kWh for Small C&I customers. While the length of the
10 regulatory review period is expected to be the same for both customer classes, the level
11 of risk is greater for Residential customers than for Small C&I customers due to the
12 longer term of the fixed price commitment.

13
14 **Q. DID DUQUESNE LIGHT CONSIDER PURCHASING POWER FOR DEFAULT**
15 **CUSTOMERS THROUGH A STRUCTURED SOLICITATION PROCESS LIKE**
16 **THAT USED IN EITHER MARYLAND OR NEW JERSEY?**

17 **A.** Yes. Duquesne Light considered obtaining default supply through a solicitation process
18 but believes that its proposal is better than a solicitation process at this time. Many prior
19 solicitation processes have had little or no success or have resulted in very significant rate
20 increases for customers. As mentioned above, Pike County Light & Power Company
21 conducted an auction to set default service rates which resulted in a 129% increase in
22 generation rates. Also, as mentioned by the Commission in its Investigation Order
23 entered May 24, 2006, in *Policies to Mitigate Potential Electricity Price Increases*,

1 Docket No. M-00061957, in Delaware, Delmarva Power Company residential customers
2 faced a 59% rate increase on May 1, 2006, and in Maryland, residential customers of
3 Baltimore Gas & Electric Company faced a 72% increase in electric bills on July 1, 2006,
4 subject to deferral through a rate stabilization plan.

5
6 Likewise, as discussed by Mr. Fisher, Duquesne Light conducted a competitive RFP
7 process three times for Large C&I customers – in October 2004, March 2006, and May
8 2006. The first RFP process received six bids, most of which offered to supply only a
9 limited number of tranches. The second RFP conducted in March 2006 resulted in no
10 bids from any suppliers at any price. The Commission in its May 4, 2006 Order then
11 made several changes to the RFP process in order to make the product more attractive to
12 potential bidders and encourage supplier participation. Even after these changes,
13 Duquesne Light only received one bid, and that was from its affiliate, Duquesne Power.

14 As this demonstrates, there is considerable uncertainty in the outcome of a solicitation
15 process, not only as to rates but as to the number of bidders. In addition, if Duquesne
16 Light were to implement a structured solicitation procurement process to obtain power,
17 this would create additional implementation costs that would need to be recovered from
18 customers. In this regard, a solicitation process to obtain default supply may make more
19 sense in 2011 as procurement processes and documents become more standardized and
20 markets continue to develop. Duquesne Light is currently participating in a Commission
21 working group to address the potential for developing standardized procurement
22 processes and documents for the entire Commonwealth.

23

1 Q. UNDER THE DEFAULT SERVICE PLAN, DOES DUQUESNE LIGHT
2 PROPOSE TO RECONCILE THE COSTS ASSOCIATED WITH MEETING
3 NEW REQUIREMENTS RELATED TO RENEWABLE SUPPLY OR PJM
4 CAPACITY REQUIREMENTS?

5 A. No, Duquesne Light proposes to fix the supply rates without reconciliation for
6 Residential and Small C&I customers. This will provide greater rate certainty to both
7 customers and EGSs that wish to market to customers. The only market adjustment the
8 Company proposes is the annual adjustment to Small C&I customer rates that is
9 described by Mr. Fisher.

10

11 Q. IS DUQUESNE REQUESTING ANY ADDITIONAL APPROVALS FROM THE
12 COMMISSION?

13 A. Yes. When Duquesne Light submitted its Comments and Reply Comments on the
14 Commission's proposed default service regulations, Duquesne Light suggested that if the
15 Commission adopts final default service regulations, they should not be made effective
16 until 2011 when rate caps for all EDCs in the Commonwealth expire. As Duquesne Light
17 commented, it is concerned that until the transition period has ended for all EDCs, the
18 market for acquiring default service energy may not be fully functional. However, in the
19 event that the Commission approves final default service regulations prior to the
20 expiration of the Default Service Plan, Duquesne Light respectfully requests that the
21 Commission order that the regulations will not apply to the Default Service Plan because
22 it was filed prior to the effective date of the regulations.

23

1 Duquesne Light is also requesting that the Commission approve the POR program and
2 any waivers that may be necessary for Duquesne Light to implement this program as
3 filed. The waivers requested by Duquesne Light with respect to the POR program are
4 described in further detail in the testimony of Ms. Krajovic.

5

6 In addition, as explained above, Duquesne Light is updating its power supply contract
7 with Duquesne Power in order to procure supply to serve Small C&I, Residential and
8 Lighting customers. Duquesne Light will submit that contract to the Commission when
9 the amendments are finalized and requests that the Commission approve the power
10 supply contract in this proceeding.

11

12 **Q. DOES THIS CONCLUDE YOUR TESTIMONY AT THIS TIME?**

13 **A. Yes.**

Morgan K. O'Brien

Education

B.S. Business Administration – Accounting, Robert Morris College, 1982
M.S. Taxation – Robert Morris College, 1984
Certified Public Accountant, 1984

Employment History

Duquesne Light Holdings, Inc. (DQB) – President and CEO since September 14, 2001. Chief Operating Officer from August 2000 to September 14, 2001. Executive Vice President – Corporate Development from January 2000 to August 2000. Vice President – Corporate Development from July 1999 to January 2000. Vice President, Controller and Treasurer from November 1998 to July 1999. Vice President and Controller from October 1997 to November 1998. Controller from October 1995 to October 1997. Assistant Controller from December 1993 to October 1995.

Duquesne Light Company – President and CEO from August 2003. Vice President – Finance from November 1998 to May 2000; Vice President – Finance, Treasurer & Controller in November 1998; Vice President & Controller from October 1997 to November 1998; Controller from September 1996 to October 1997; Controller and Principal Accounting Officer from October 1995 to April 1996; Assistant Controller from December 1993 to October 1995; Manager, Corporate Taxes from September 1991 to December 1993. Director since June 1999.

PNC Bank – Assistant Vice President, Taxes, 1990-1991.

Deloitte & Touche – Senior Manager, 1986-1990.

Coopers & Lybrand – Staff Accountant and Manager, 1982-1986.

Outside Affiliations

United Way of Allegheny County – Director
Catholic Charities of Pittsburgh – Director
Allegheny Conference on Community Development – Director
Edison Electric Institute – Director
Association of Edison Illuminating Companies – Director

BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION

Petition Of Duquesne Light Company :
For Approval Of Default Service Plan : Docket No. P- _____
For The Period January 1, 2008 :
Through December 31, 2010 :

DIRECT TESTIMONY OF
FREDERICK J. EICHENMILLER

DOCUMENT
FOLDER

DOCKETED
MAY 08 2007

Dated: January 25, 2007

1 **DIRECT TESTIMONY OF FREDERICK J. EICHENMILLER**

2

3 **Q. Please state your full name and business address.**

4 A. My name is Frederick J. Eichenmiller. My business address is Duquesne Light
5 Company, 411 Seventh Avenue, Pittsburgh, PA 15219.

6

7 **Q. What is your position at Duquesne Light Company?**

8 A. I am currently employed as the Director of Rates and Regulatory Affairs.

9

10 **Q. How long have you worked at Duquesne Light?**

11 A. I have been employed by Duquesne Light Company (“Duquesne” or “the
12 Company”) for over 33 years.

13

14 **Q. What are your qualifications and educational background?**

15 A. I have a Bachelor of Science Degree in Electrical Engineering from Grove City
16 College, and I am a graduate of the Management Program for Executives from the
17 Katz Graduate School of Business at the University of Pittsburgh. I am a licensed
18 professional engineer in the Commonwealth of Pennsylvania.

19

20 **Q. What has been your business experience?**

21 A. I began my career as an electrical engineer with Duquesne in 1973, and I have
22 over 33 years of varied experience in line, staff and administrative positions. I
23 have held line positions related to almost all aspects of the distribution
24 engineering, operations, and operations support functions.

1 In addition, from 1987 to 1989, I served as Executive Assistant to the President,
2 CEO and Chairman of Duquesne. Subsequently, I held the position of Director of
3 Operations Support, which provides supply chain (purchasing and materials
4 management), transportation and fleet management, and facilities management
5 services for the Company. Since then, I have held management and leadership
6 responsibilities for key processes that have direct impacts on system reliability
7 and customer satisfaction. Specifically, as Director of Work Management and as
8 Director of Operations and Underground, I have been responsible for the
9 company's work management processes, including operations and maintenance
10 management, construction, engineering, and vegetation management. In these
11 positions, I had oversight of the company's service centers located in
12 communities throughout the Duquesne service territory. In 2004, I assumed my
13 current position as Director of Rates and Regulatory Affairs.

14
15 **Q. Please describe your current responsibilities as the Director of Rates and**
16 **Regulatory Affairs?**

17 **A.** I am responsible for the oversight and direction of activities related to Duquesne's
18 rates and regulatory matters. My primary responsibilities are to assure continued
19 compliance with regulatory requirements, and to ensure that regulatory issues and
20 strategies are appropriately considered and deployed in Duquesne's business
21 plans. More recently, I have been responsible for the development, oversight and
22 direction of Duquesne's recent distribution rate case filed at the Pennsylvania
23 Public Utility Commission ("Commission") and Duquesne's transmission rate

1 case filing at FERC. Finally, I am also responsible for certain aspects of the
2 planning, oversight and direction of Duquesne's filing in this proceeding
3 ("Default Service Plan" or "Plan").
4

5 **Q. What is the purpose of your testimony?**

6 A. The purpose of my testimony is to describe the key features of Duquesne's
7 Default Service Plan that will support the further development of the competitive
8 market, and to summarize how the Plan reflects the input and concerns of various
9 stakeholders, including customers and competitive electric generation suppliers
10 ("EGS"). Additionally, I will discuss what measures and initiatives Duquesne has
11 implemented in support of conservation and demand side response efforts.
12

13 **Q. Please summarize your main conclusions?**

14 A. For the 2008-2010 period, Duquesne is proposing significant steps to continue the
15 successful development and further promotion of retail competition in its service
16 area. In developing its Default Service Plan, Duquesne has undertaken an
17 extensive effort to meet with the parties to develop a Plan that balances the
18 interest of customers, EGSs and Duquesne. Additionally, Duquesne is making a
19 commitment as part of this filing to enhance the communication and enforcement
20 of its code of conduct with its employees.
21

22 **Q. Do you recommend that the default service structure outlined in Duquesne's**
23 **Plan should be used to set a precedent for default service in Pennsylvania?**

1 A. No. This plan is not intended to set precedent. It is a plan specifically designed
2 to transition Duquesne, its customers, and other market participants, to the time
3 when generation rate caps expire for other major Pennsylvania electric utilities.
4 The Plan also is specifically tailored for the level of market development
5 experienced in Duquesne's service territory, and may not be appropriate for other
6 electric distribution companies.

7
8 **Q. Does the Plan represent your recommendation for the structure of default
9 service in a fully developed competitive retail market?**

10 A. Because the retail market in Pennsylvania is not yet fully developed, this plan is
11 designed to be an "interim," or "transition" plan, and not necessarily a final plan
12 for default service in a fully developed competitive retail market. Interim plans
13 (e.g., POLR II and POLR III) have been adopted in Duquesne's service territory
14 since Duquesne's generation rate caps expired in 2002 for most customers. Each
15 interim plan involved resetting supply rates to market levels and implementing
16 features that accommodated the needs of customers at that time while supporting
17 the development of the competitive market. The Plan proposed in this proceeding
18 recognizes that the market is still not yet fully developed for all customers. As a
19 result, this Plan was developed in coordination with market participants to move
20 us further along the continuum to a more fully developed retail market.

21
22 Furthermore, the Plan provides a default service structure that will be in effect
23 until the end of 2010, when the majority of customers in Pennsylvania will

1 experience the expiration of their generation rate caps. This will allow more time
2 for both wholesale and retail markets to develop further, and will provide
3 regulators with more time to observe the relative benefits of this Plan and the
4 default service plans adopted outside of Duquesne's service territory.

5
6 Unlike most of the state, Duquesne has implemented a variety of successful post-
7 transition period default service plans. Duquesne has the highest level of
8 customer shopping in the Commonwealth, with over 50% of its customer load
9 receiving service from an EGS. As reported by the Office of Consumer Advocate
10 on January 1, 2007, Duquesne's service territory accounts for 95% of the
11 residential shopping load, 81% of the commercial shopping load, and 90% of the
12 industrial shopping load in Pennsylvania. This success was achieved by
13 implementing default service plans, each tailored to the market conditions and
14 particular customer needs at the time. Duquesne's Plan builds on this success and
15 will continue to make progress toward a more competitive retail market.

16
17 **Q. What features of this Plan support the development of a competitive market?**

18 **A.** The Plan incorporates several features, which together support the development of
19 the competitive market for all customer classes.

20
21 With respect to large C&I customers, who have demonstrated the ability to
22 participate in a retail market, the default rate will reflect hourly market prices. As
23 a result, large C&I customers will be provided direct market signals and EGSs

1 will have substantial opportunities to offer fixed rate services, or other types of
2 services, to these customers. Consistent with the Commission's POLR III Order,
3 as of June 1, 2007, Duquesne will not provide a fixed rate offering for large C&I
4 customers. As of December 2006, approximately 98% of large C&I customer
5 load in Duquesne's service territory is already shopping with an EGS, and
6 Duquesne's efforts to obtain a reasonable fixed price for these customers using a
7 solicitation process has proven to be difficult.

8
9 With respect to small C&I customers, for whom the retail market is not yet fully
10 developed, the Plan incorporates substantial steps to further competition. Small
11 C&I customers' rates are reset to prevailing market levels for calendar year 2008,
12 and will be further adjusted in 2009 and in 2010 by a market index that reflects
13 subsequent changes in market prices. This will provide EGSs with an increased
14 opportunity to compete for these customers, while not exposing small C&I
15 customers to short-term market price fluctuations that they may not be equipped
16 to handle. The Plan also modifies the small C&I rate structure by eliminating all
17 supply related demand charges and below market declining energy blocks so that
18 by 2010 there will be a single energy rate for all small C&I customers. This will
19 simplify price comparisons with EGS offerings, thereby promoting competition.

20
21 With respect to residential customers, for whom the market is the least developed,
22 the Plan provides the greatest amount of price stability, while still promoting
23 competition. Under the Plan, residential customer rates are reset to market levels,

1 thereby providing EGSs further opportunities to compete for these customers.

2 The Plan also modifies the residential rate structure by phasing out below market
3 declining energy blocks for residential heating customers, so that by 2010 there
4 will be a single energy rate for all residential customers. Again, this will simplify
5 price comparisons with EGSs and promote customer shopping.

6
7 In another significant step to further develop the competitive market for
8 residential and small C&I customers, Duquesne negotiated with EGSs, customer
9 groups, and other parties a new purchase of receivables (“POR”) program,
10 whereby Duquesne will offer to purchase the receivables of EGSs serving
11 residential and small C&I customers. This will allow EGSs to more easily market
12 to low-income and poor-credit customers and eliminate the uncertainty
13 surrounding their credit and collection activities. Likewise, this program should
14 also provide customers with greater access to competitive markets. All parties in
15 the distribution rate case (plus Dominion Retail) have agreed to support or not
16 oppose this negotiated POR program, and the supporting parties consider it to be a
17 significant and important positive step forward. Duquesne witness Ms. Krajovic
18 describes the POR program in greater detail in her testimony.

19
20 Finally, as I will explain later, Duquesne has committed to strengthen its code of
21 conduct related to interactions and communications between Duquesne and its
22 unregulated affiliates, Duquesne Energy (“DLE”) and Duquesne Power.

23

1 **Q** **Please describe the actions that the Company took to ensure that various**
2 **stakeholders had the opportunity to participate in the development of the**
3 **Plan?**

4 A. Duquesne made a formal commitment, as part of its settlement of its most recent
5 distribution rate case, to provide certain stakeholders an opportunity to actively
6 participate in the development of the Plan in advance of the filing. The Company
7 has met this commitment and, in fact, Duquesne has gone far beyond the terms of
8 the settlement.

9
10 To ensure that the input of customers was considered in the development of the
11 Plan, Duquesne met with and had phone conversations with advocates and certain
12 customers during various stages of its development.

13
14 In order to ensure that the input of the EGSs was considered, Duquesne, over a
15 period of five months prior to this filing, worked closely and at length with
16 several EGSs to develop the framework of the Plan. Duquesne committed to a
17 series of meetings with several EGSs to discuss the framework and features of the
18 Plan. The Company also held a collaborative session on October 19th, and
19 invited all active and licensed EGSs in its service territory to attend and express
20 their opinions about the appropriate default service for 2008-2010.

21
22 In summary, Duquesne and other stakeholders have collectively invested
23 significant time and resources in the development of this Plan.

1 Q. What input and concerns were communicated to Duquesne by customer
2 stakeholders?

3 A. There was no clear consensus among customers and customer advocates
4 regarding the structure of the Plan. As a result, and because different types of
5 customers have different needs, the Plan's default service structure differs across
6 the different types of customers.

7

8 With that said, there was a recurring theme on several issues:

9 (1) Most parties agreed that the 2008-2010 period is an ideal time to
10 implement practices that help customers who do not currently have the
11 ability or sophistication to participate in the competitive market to
12 transition toward such a market.

13 (2) Most parties expressed concern about exposing customers to short-term
14 market prices or prices set based on a one time solicitation for supply
15 while competitive markets are still developing, instead preferring varying
16 levels of rate stability during the transition to a fully competitive market.

17 (3) For smaller customers, there was general agreement that declining energy
18 block and demand charges should be eliminated, but that this step should
19 be taken over time to mitigate rate shock for this customer segment.

20 (4) There was a preference to structure the plan so that residential and small
21 C&I customers are offered separate default service plans tailored to meet
22 their specific needs.

1 (5) While there was an interest in advanced metering options with time-of-use
2 and/or seasonal rates, these measures should be implemented only if they
3 were optional and did not impose additional costs on customers.
4

5 **Q. What input and concerns were communicated to Duquesne by EGSs?**

6 A. All of the participants agreed that the Plan must not step backward from the goal
7 of developing a competitive market. The EGSs realized that the Duquesne
8 territory enjoys the highest level of customer shopping in the Commonwealth,
9 although it was also understood that the future of the retail market within the
10 Duquesne service territory is still uncertain. EGSs expressed concern that a
11 poorly-designed default service plan could quickly reverse the progress of the
12 market; so, there was a strong interest to work together toward a plan that
13 promoted retail competition. For example, EGSs asserted that the health of the
14 competitive retail market would be jeopardized if Duquesne provided multiple
15 default service options (e.g., optional time-of-use or seasonal rates) to customers,
16 or if Duquesne promoted its default service. I think it is also fair to say that most
17 of the EGSs we spoke with were primarily concerned with serving large C&I and
18 small C&I customers during the interim period. There were only a few EGSs that
19 expressed significant interest in serving the residential market at this time.
20

21 One area that was supported or unopposed by all of the EGSs and other market
22 participants was the development of a POR program.
23

1 EGSs also voiced concerns about interaction and information exchange between
2 Duquesne and its unregulated affiliate, DLE. As I will explain later in my
3 testimony, Duquesne has responded to these concerns with strengthened
4 communications of the Code of Conduct Policy.

5
6 Finally, EGSs also were very interested in participating in Duquesne-sponsored
7 meetings and/or workshops in conjunction with other EGSs and customers. As I
8 will explain later in my testimony, Duquesne has committed to these types of
9 meetings commencing this year.

10

11 **Q. Was there a clear consensus among the EGSs regarding specific features that**
12 **should be included in the Plan in order to enhance competition without**
13 **jeopardizing the market?**

14 **A.** No. There are many differing points of view and opinions on certain aspects of
15 the Plan. There was no clear consensus about specific aspects of the Plan. For
16 example, some EGSs recommended that default service supply be acquired
17 through an RFP or an auction. Other EGSs strongly opposed this type of
18 procurement process, especially if it involved a laddering of supply contracts
19 entered into at different points in time such that the retail rates, in their view, are
20 not reflective of prevailing market prices at any point in time.

21

22 **Q. Please identify the specific features of the Plan that were included in response**
23 **to the input and concerns voiced by stakeholders.**

1 A. While I have already mentioned several features of the Plan that support the
2 development of a competitive market, I will summarize some of the features of
3 Duquesne's Default Service Plan that were included (or not included) in response
4 to the input and concerns voiced by stakeholders.

5

6 1. In response to customer-focused stakeholders, Duquesne developed a
7 tailored Plan that reflects the different circumstances, preferences and
8 market conditions faced by different customer groups, e.g., residential,
9 small C&I and large C&I.

10

11 2. In response to EGS concerns, and our past experience, we did not propose
12 to continue to offer large C&I customers a fixed rate option. This is
13 appropriate given that 98% of the large C&I load is already shopping.
14 Duquesne found it difficult to obtain fixed prices for these customers in
15 past solicitations, and it is consistent with the Commission's POLR III
16 Order.

17

18 3. In response to EGS input that it was important for Duquesne to make
19 further progress toward exposing more customers to shorter-term market
20 price signals, Duquesne decided to reset small C&I customer rates in 2009
21 and 2010 based on a market price index, so that retail rates for these
22 customers (approximately 55,000 customers) would change from current
23 levels for each year of the three year period.

1 4. In response to input we received from several parties, and earlier motions
2 filed by Commissioners, Duquesne decided to eliminate declining energy
3 blocks and demand charges over a three-year period and to simplify the
4 Company's supply rate structure.

5
6 5. After considerable thought and discussion, Duquesne decided not to
7 propose time-of-use or seasonal rates for residential and small C&I
8 customers at this time due to a lack of consensus among the parties.
9 Consumer groups generally supported such rate offerings only if they were
10 adopted on a voluntary basis and questioned the ability of small customers
11 to respond to such price signals. In general, they supported such
12 measures only if they were economic and did not impose additional costs
13 on customers. Meanwhile, EGSs generally did not want Duquesne to
14 offer multiple default service options to customers, such as seasonal or
15 time-of-use rates. Additionally, with the establishment of the current DSR
16 working group charged with making specific recommendations, Duquesne
17 did not want to start down one path at a time when the Commission may
18 adopt other standards or initiatives. For these reasons, Duquesne chose
19 not to undertake these potentially expensive initiatives at this time.

20
21 6. In response to certain EGSs, the Company agreed to implement a POR
22 program whereby Duquesne will purchase EGS receivables for residential
23 and small C&I customers. In response to small consumer advocates,

1 Duquesne agreed not to terminate or disconnect service under the POR
2 program if a customer failed to pay EGS charges in excess of the default
3 service rates.

4
5 7. In response to EGS concerns about the interactions and communications
6 between Duquesne and its unregulated affiliate, DLE, Duquesne has taken
7 several actions that will be discussed later in the Code of Conduct
8 comments.

9
10 8. Duquesne, as agreed to in its distribution rate case settlement, has
11 submitted in this case an analysis addressing whether any portion of its
12 operations is subsidizing its unregulated affiliates. As part of this analysis,
13 Duquesne has made several improvements in the method it uses to allocate
14 costs among its affiliated companies. This analysis and improvements in
15 cost allocation procedures are described in the testimony of Duquesne
16 witness Susan S. Betta.

17
18 9. In response to EGS concerns about Duquesne service to EGSs and
19 communication with C&I customers, Duquesne agreed, as a part of its
20 distribution rate case settlement, to conduct a series of meetings to
21 improve communications among market participants. Duquesne will
22 convene one meeting per calendar year among Duquesne, all interested
23 EGSs, and interested C&I customers to discuss customer choice issues.

1 Duquesne also will convene semi-annual service meetings with interested
2 EGSs, and include participation from Duquesne's Supplier Service Center
3 and the operational personnel of EGSs that are serving customers in
4 Duquesne's service territory, to discuss retail supplier issues.

5
6 10. In response to certain EGSs, Duquesne Power will obtain 100% of the
7 power required to serve residential, small C&I and lighting customers
8 from the competitive wholesale market from non-affiliated competitive
9 wholesale suppliers. In order to satisfy its default service obligations,
10 Duquesne Power can rely on a variety of market purchases, including but
11 not limited to bilateral negotiated contracts, supply obtained from requests
12 for proposals, and/or purchases in the short-term market.

13
14 11. Also as agreed to in Duquesne's distribution rate case settlement,
15 Duquesne will utilize a consolidated billing program, which accepts "rate
16 ready" bill information from participating EGSs.

17
18 **Q. Has Duquesne reached any specific agreement with any parties regarding its**
19 **Default Service Plan?**

20 **A.** Yes. After several meetings and extensive discussions with several parties,
21 Reliant Energy and Dominion Retail have agreed to support the basic structure of
22 Duquesne's Default Service Plan. I would also note that we are continuing

1 discussions with other interested parties and expect to enter into further
2 agreements with other parties as this case proceeds.

3
4 **Q. Please discuss Duquesne's commitment to its Code of Conduct?**

5 A. During the early stages of discussions with EGSs, it became apparent that there
6 were misperceptions and concerns about interaction and information exchange
7 between Duquesne's employees and its unregulated affiliate DLE , and
8 specifically, communication between major account representatives and DLE.

9
10 These discussions provided us with an opportunity to discuss and subsequently
11 strengthen the level of communications and commitment to the Code of Conduct
12 in key areas of the company. Duquesne has met with management of key areas
13 that have regular communications with customers and with EGSs. These key
14 areas include Duquesne's Supplier Service Center, Information Technology (IT)
15 Application Unit and Major Account Representatives who have relationships with
16 larger customers in Duquesne's service territory. This year, Duquesne
17 management in each of these areas will review the revised Code of Conduct
18 Policy and have each employee in those areas sign a letter committing to the
19 terms of the policy. This process will be conducted on a regular basis each year
20 and assures key employees will be reminded of and commit in writing to the
21 principles of the Code of Conduct.

22

1 **Q. What are the responsibilities of Duquesne's Major Customer Account**
2 **Representatives?**

3 A. Duquesne's account representatives assist commercial and industrial customers in
4 determining how to best integrate their physical installations into Duquesne's
5 physical transmission and distribution ("T&D") plant, including the application of
6 the T&D tariff requirements. They also provide support for all account
7 maintenance and billing issues. Account maintenance issues include mailing and
8 billing address changes, facilitating account ownership changes, etc. Billing
9 issues include estimated and corrected billing reconciliation. In addition, the
10 account representatives provide around-the-clock support for these customers
11 during unscheduled interruptions.

12

13 **Q. Where are the offices of the Duquesne account representative located?**

14 A. The Duquesne account representatives' offices are located at various Duquesne
15 facilities throughout our service territory, but none are physically located at the
16 Company's headquarters at 411 Seventh Avenue. Therefore, the Duquesne
17 account representatives are not physically located in the same building as the
18 employees of either DP or DLE

19

20 **Q. Does Duquesne market or otherwise promote default or POLR service, or**
21 **promote its affiliate EGS, DLE by providing any preference or advantage**
22 **over any other EGS?**

1 A. No, in accordance with the Commission's Order in Duquesne's POLR III
2 proceeding, Duquesne employees are not permitted to, and they do not market or
3 promote default or POLR service, or promote DLE by providing it with any
4 preference or advantage over any other EGS.

5

6 **Q. Has Duquesne considered any energy conservation programs proposed by**
7 **outside parties in this proceeding?**

8 A. Yes. In the Settlement of its last distribution rate proceeding, Duquesne agreed to
9 evaluate the proposals of other parties relating to energy conservation and
10 education, time of use metering and economic development and to make
11 proposals deemed by Duquesne to be appropriate as to such matters in this default
12 service filing. In that proceeding, Citizens For Pennsylvania's Future made
13 certain proposals related to these topics.

14

15 Duquesne has considered the issues and does not believe that it is appropriate to
16 make those additional proposals in this proceeding. With regard to energy
17 conservation and education, Duquesne is contributing \$6 million to fund
18 renewable energy projects and/or energy efficiency education projects in its
19 service territory from 2007 to 2010. As also explained in later testimony,
20 Duquesne has several other programs in place to promote conservation. With
21 regard to economic development, Duquesne is proposing an economic
22 development program in its merger proceeding under which eligible customers

1 will receive a discount of \$3 per MWh below market prices if they create new
2 load or expand existing load and create new jobs.

3
4 Also, in its discussions with parties, Duquesne determined that there is a lack of
5 consensus among the parties on these issues. Some parties generally supported
6 such proposals, but only if they were voluntary and did not impose additional
7 costs on customers. Others believed that these types of proposals should not be
8 provided by the default service provider, but by other market participants. In
9 addition, the Default Service Plan is a short term plan. Given the lack of
10 consensus and the short term of the Plan, Duquesne believes that these types of
11 issues may be more appropriately considered on a statewide basis after rate caps
12 for all EDCs have expired. As noted later, the Commission has established a DSR
13 working group to investigate reasonable, cost-effective programs that EDCs,
14 EGSs and other stakeholders can implement to help customers conserve energy or
15 use it more efficiently. Duquesne is an active party in the DSR working group
16 and supports the Commission's efforts to address these issues through a statewide
17 proceeding.

18
19 **Q. Please describe aspects of the Default Service Plan that address or promote**
20 **the efficient use of energy and conservation?**

21 A. Duquesne offers large C&I customers (approximately 46% of its total system
22 load) hourly price default service. This service clearly makes these customers

1 aware of the dramatic price variations that can exist in the market and sends
2 strong market price signals to conserve energy during high priced hours.

3
4 In addition, Duquesne's Plan eliminates declining energy blocks and demand
5 charges which are not reflective of market prices and may encourage uneconomic
6 consumption. By eliminating these legacy rate structures, and moving to a single
7 energy charge, customers on these rates will be encouraged to conserve and use
8 electricity more efficiently than under current rates. Likewise, resetting rates to
9 prevailing market prices for residential and small C&I customers, as well as using
10 a market index to adjust small C&I rates on an annual basis also will improve
11 price signals to smaller size customers.

12
13 **Q. Has Duquesne made any recent commitments to energy conservation in its**
14 **rate case settlement?**

15 A. Yes. Duquesne also will contribute \$1.5 million per year for each of the four
16 years 2007 through 2010 the Pennsylvania Energy Development Authority
17 (PEDA) to fund renewable energy projects that meet the requirements of Tier 1
18 technologies which include solar energy specified in the Alternative Energy
19 Portfolio Act (Act 213) and/or to fund energy efficiency and energy education
20 projects.

21
22 **Q. Does Duquesne offer or participate in Load Response Programs with**
23 **customers?**

1 A. Yes. Duquesne has a real time economic Load Response Program. This voluntary
2 program compensates customers for reducing electrical demand (kilowatts). The
3 program applies to certain Duquesne commercial and industrial customers who
4 have on-site generation or operational flexibility to reduce electrical usage for
5 short periods of time, typically during normal business hours. The Load
6 Response Program seeks to register those customers who wish to be considered
7 for notification and given an opportunity to enter into a demand reduction
8 agreement.

9
10 With advanced notice, Duquesne may declare a voluntary load curtailment, when
11 the market price for generation is anticipated to reach a level that makes load
12 reduction economically attractive for both the customer and the Company. Under
13 this voluntary program, customers request to be notified of the opportunity for
14 curtailing electrical load in exchange for financial reimbursement.

15
16 **Q. Does Duquesne offer any DSR programs to small customers?**

17 A. Yes. Duquesne has a Direct Load Control Pilot Program, offered to residential
18 and small commercial customers who own their home or place of business, have
19 central air conditioning and have no outstanding balance on their Duquesne
20 account. The pilot program was first offered in 2002 and currently allows for
21 enrollment of up to 200 participants.

22 **Q. What are the terms of the program?**

1 A. Under the terms of the program, a load control device is installed on the power
2 supply to participants' air conditioning units. During the program period of June
3 through September, the Company may initiate "events" or interruptions of the air
4 conditioning load for up to four hours when the temperature reaches 85 degrees.
5 These interruptions may last for up to four hours and are limited to no more than
6 eight events over the program period.

7
8 **Q. Are there benefits for the customers for participating in the program?**

9 A. Yes. Participants receive a monthly bill credit based upon their chosen program
10 option. Under Option A the participants' air conditioners may be interrupted for
11 up to four continuous hours during each event. Option B cycles the air
12 conditioners off for 45 minutes and on for 15 minutes over a period of up to four
13 hours. Participants receive monthly bill credits of \$10 or \$5 during the program
14 period.

15
16 **Q. Are there other programs that Duquesne offers customers to educate or help
17 them manage and conserve electricity?**

18 A. Yes. Duquesne has several programs to assist and aid customers with energy
19 conservation. For example, Duquesne just launched a new "Wise-Use Segment"
20 on its website. Duquesne's customers now can receive fast and free advice on
21 how to manage their home energy usage via Duquesne's online Home Energy
22 Calculator. The calculator is one of many helpful tools available on the
23 company's new Home Energy Center. Users answer general questions about their

1 home, such as the number of people living there, type of windows and
2 temperature setting for the thermostat. Once that information has been inputted,
3 the calculator estimates the monthly and annual energy usage and costs for the
4 customer's home. The calculator automatically factors in local electricity and
5 natural gas prices, providing customers with a direct ability to manage and
6 conserve their energy usage.

7
8 The calculator's estimate provides customers with a starting point to compare
9 potential energy-saving measures, such as adjusting thermostat settings, adding
10 double-pane windows, etc. Along with the calculator, the new Home Energy
11 Center offers online tools for estimating energy savings for appliances and
12 lighting, an interactive home designed to help customers understand where and
13 how energy is used and an extensive home energy library.

14
15 Other programs/communications Duquesne offers featuring wise-use information
16 include:

- 17 1. Customer Newsletter – The Company's "ServiceLine" newsletter, inserted
18 with monthly customer bills, regularly includes wise-use tips that correspond
19 with the season.
- 20 2. New Movers Guide – Duquesne's New Movers Guide, which is sent to all
21 consumers moving within the service territory, continues to include
22 information on how to manage energy use wisely. Approximately 30,000
23 New Movers Guides are issued in a 12-month period.

1 3. Watt Do You Know? School Program – Beginning in 2002, Duquesne has
2 presented its “Watt Do You Know?” wise energy use program to more than
3 50 schools, reaching 12,000 students. Targeted to grades 4-6, the program
4 was developed with the following objectives:

- 5 a. Encourage the wise use of energy among elementary and middle
6 school students in order to build lifelong habits.
- 7 b. Heighten awareness of the relationship between wise energy usage and
8 the environment.
- 9 c. Encourage students to share the information with their parents,
10 teachers and, most importantly, one another.

11 4. Home and Garden Show – Duquesne has incorporated wise use educational
12 materials and exhibits during the 10-day Pittsburgh Home and Garden show
13 that attracts an estimated 350,000 attendees per year. The 2007 show will
14 feature a new hands-on exhibit detailing the difference between compact
15 florescent and incandescent light bulbs.

16 5. Speakers Team – Wise-use messages are being incorporated into these
17 presentations to community-based organizations and civic groups. This
18 grassroots approach is particularly helpful in reaching the senior audience.
19

20 **Q. What do you conclude about Duquesne’s Default Service Plan?**

21 A. Duquesne is committed to the successful development of the competitive market,
22 and is striving to ensure that stakeholders’ needs, including EGSs, customers and
23 the environment, continue to be addressed. While there are still considerable

1 differences of opinion among the parties with respect to whether and how utilities
2 should provide default service in the post-transition period, I believe that
3 Duquesne has proposed a fair and balanced Plan that will continue to support
4 retail competition in a manner that benefits customers in Duquesne's service
5 territory.

6

7 **Q. Does this conclude your testimony?**

8 **A. Yes.**

BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION

Petition Of Duquesne Light Company :
For Approval Of Default Service Plan : Docket No. P-_____
For The Period January 1, 2008 :
Through December 31, 2010 :

DIRECT TESTIMONY OF
NEIL S. FISHER

DOCUMENT
FOLDER

DOCKETED
MAY 08 2007

Dated: January 25, 2007

1 I. **Introduction**

2 Q. **Please state your name and business address.**

3 A. My name is Neil S. Fisher. My business address is 30 Monument Square, Suite
4 105, Concord, Massachusetts, 01742.

5
6 Q. **What is your current position?**

7 A. I am a Principal with The NorthBridge Group (“NorthBridge”), an economic and
8 strategic consulting firm for the electric and natural gas industries. NorthBridge
9 has advised Duquesne Light Company (“Duquesne” or the “Company”) on
10 restructuring matters for many years. I have advised Duquesne on supply rate
11 design and rate matters, including issues relating to its provider-of-last-resort
12 service (“POLR” or “default service”) since the start of retail access, including
13 Duquesne’s pilot, POLR I, POLR II, and POLR III programs.

14
15 Q. **Please describe your educational and professional experience.**

16 A. I graduated from Swarthmore College with a Bachelor of Arts degree in
17 Economics with Honors. I graduated from Yale University with a Masters in
18 Business Administration. I joined NorthBridge in 1993. Before that, I worked as
19 a consultant at Putnam, Hayes & Bartlett, where I concentrated on electric and
20 natural gas restructuring. As a consultant, I have assisted regulated electric utility
21 clients in several states design default service and prepare for retail access. I have
22 also developed strategies for unregulated retail electric providers interested in
23 participating in retail markets.

24

1 Q. **Have you testified previously before this Commission?**

2 A. Yes, I testified in Docket A-110150F0035 and A-311233F3002, Duquesne's
3 pending merger application; Docket R-00061346, Duquesne's most recent
4 distribution rate case; Docket P-00032071, Duquesne's Petition for Approval of
5 Plan for Post-Transition Period POLR Service ("POLR III"); and in Docket P-
6 00021969, Duquesne's Petition Requesting Modification to POLR II Plan to
7 Permit Participation in PJM. I also participated in Duquesne's POLR II
8 collaborative led by several Pennsylvania Commissioners.

9

10 Q. **What is the purpose of your testimony?**

11 A. The purpose of my testimony is to:

- 12 • Provide support for Duquesne's post-transition period interim default
13 service plan ("Default Service Plan" or "Plan") to offer three types of
14 default service tailored to each customer class:
- 15 1. Hourly supply rates for large commercial and industrial ("Large C&I")
16 customers,
 - 17 2. Fixed annual supply rates for small C&I ("Small C&I") customers
18 subject to a market price index adjustment, and
 - 19 3. Three-year fixed supply rates for residential customers.
- 20 • I also describe how the fixed supply rates were established for residential
21 and Small C&I customers, and.
- 22 • Describe the market price index used to adjust the fixed supply rates for
23 Small C&I customers.

24

1 Q. Please summarize your conclusions.

2 A. My main conclusions are summarized below:

- 3 • Duquesne's Default Service Plan for the period 2008-2010 represents
- 4 sound public policy.
- 5 • Market evidence demonstrates that the proposed supply rates are based on
- 6 prevailing market prices and recover reasonable costs.
- 7 • Duquesne's methodology to adjust (up or down) its fixed supply rates for
- 8 Small C&I customers relies on changes in visible market prices that can be
- 9 measured in a verifiable and objective manner.

10 Each of these conclusions is described in more detail below.

11

12 Q. Are you sponsoring any exhibits?

13 A. Yes, I sponsor seventeen exhibits:

- 14 **Exhibit NSF-1** Shopping Levels in the United States by Customer Type
- 15 **Exhibit NSF-2** Utilities with Hourly Price Default Service for Large C&I
- 16 Customers
- 17 **Exhibit NSF-3** Fixed Supply Rate Expiration Dates for Major Pennsylvania
- 18 Utilities
- 19 **Exhibit NSF-4** Comparison of Residential Shopping Levels – Duquesne vs.
- 20 Utilities that Rely on Solicitations
- 21 **Exhibit NSF-5** Residential Customer Supply Rate Reductions Relative to
- 22 Restructuring Generation Rate Cap (1996-2010)
- 23 **Exhibit NSF-6** List of Reviewed Solicitations
- 24 **Exhibit NSF-7** Comparison of Duquesne's Proposed Rates and the Results of
- 25 Recent Solicitations
- 26 **Exhibit NSF-8** Summary of Key Definitional Differences in Recent
- 27 Solicitations

1	Exhibit NSF-9	Comparison of Duquesne's Proposed Rates and the Results of
2		Recent Solicitations Adjusted for Definitional Differences
3	Exhibit NSF-10	Locational Spot Energy Basis Differentials Between
4		Duquesne and Other Utility Zones
5	Exhibit NSF-11	Comparison of Duquesne's Proposed Rates and the Results of
6		Recent Solicitations Adjusted for Definitional, Locational,
7		and Timing Differences
8	Exhibit NSF-12	Illustration of Potential Market Price Movements During the
9		Regulatory Review Period
10	Exhibit NSF-13	Derivation of Class Average Rates
11	Exhibit NSF-14	PJM Western Hub Electricity Market Prices (1998-2006)
12	Exhibit NSF-15	Henry Hub Natural Gas Prices (1998-2006)
13	Exhibit NSF-16	Description of the Market Price Multiplier
14	Exhibit NSF-17	Duquesne Zone versus PJM Northern Illinois Hub ("NiHub")
15		Spot Prices
16		

17 **II. Duquesne's Default Service Plan Represents Sound Public Policy**

18 **Q. Please summarize why Duquesne's Default Service Plan for the period 2008-**
19 **2010 represents sound public policy.**

20 **A. There are five main reasons:**

- 21 1. Duquesne's Default Service Plan appropriately balances competing
22 interests and objectives.
- 23 2. Duquesne's Default Service Plan is tailored to meet the needs of its
24 customers taking into account the different market situations that exist for
25 each customer class.
- 26 3. Duquesne's Default Service Plan will continue to promote and further
27 advance retail competition in Duquesne's service area.

1 4. Duquesne's Default Service Plan provides a "bridge" or "interim plan" to
2 2011 when generation rate caps for most other Pennsylvania utility
3 customers expire.

4 5. Duquesne's Default Service Plan will continue to provide residential and
5 Small C&I customers with a safe and reliable source of supply at stable
6 and reasonable rates while retail markets continue to develop.

7
8 *a) Balances Competing Interests*

9 **Q. Explain what you mean by balancing competing interests and objectives.**

10 A. The Pennsylvania Public Utility Commission ("Commission") should balance the
11 interests of customers, Electric Generation Suppliers ("EGSs"), and Duquesne
12 when considering a default service plan. Customers want Duquesne to provide a
13 safe and reliable source of supply at stable and reasonable rates that do not expose
14 them to wholesale market price volatility while competitive retail markets
15 continue to develop. This is especially true for smaller customers (residential and
16 Small C&I customers), for whom there are relatively few opportunities to shop
17 for competitive supply. EGSs generally want market-based default service rates
18 that frequently adjust with changes in market conditions and/or are established at
19 high levels. Such default service rates may allow EGSs to offer price security or
20 may provide significant headroom (i.e., the difference between the retail rate and
21 the market cost to serve), but are less attractive to customers. Duquesne, like
22 other suppliers offering a fixed-price service, seeks adequate compensation for the
23 costs and risks that it assumes on behalf of customers.

1 The Commission should not be surprised that customers want the lowest
2 possible stable rates or that EGSs want customers to be exposed to default service
3 rates that adjust frequently or that include significant headroom to encourage
4 customers to leave utility default service. The Commission must balance these
5 competing goals.

6 The ultimate policy question facing the Commission is what form of
7 default service makes the most sense given that a) wholesale electricity markets
8 are and will likely continue to be volatile, b) the vast majority of residential and
9 Small C&I customers remain on default service, c) small customers, especially
10 residential customers, want rate stability and do not want to be exposed to short-
11 term volatile wholesale electric prices, and d) retail markets, especially for
12 smaller customers, have been slow to develop throughout much of the United
13 States.

14
15 **Q. How does Duquesne's Plan balance these competing interests?**

16 **A.** Duquesne's Default Service Plan continues to provide rate stability to smaller
17 customers, while expanding market opportunities to more customers in order to
18 promote retail competition.

- 19 • For Customers: Duquesne's Default Service Plan continues to provide
20 residential and Small C&I customers with a safe and reliable source of
21 supply at stable and reasonable rates, while gradually exposing more of
22 Duquesne's customers to market prices that change more frequently than
23 they do today. The proposed purchase of receivables ("POR") program

1 should also expand competitive opportunities to shop, especially to low-
2 income and poor credit customers.

- 3 • For EGSs: Duquesne's Default Service Plan continues to promote and
4 further advance retail competition in Duquesne's service area by resetting
5 supply rates to reflect prevailing market prices, eliminating demand
6 charges, eliminating below market declining energy blocks, providing
7 only an hourly price default service for Large C&I customers, beginning
8 to adjust Small C&I rates more frequently, simplifying rate structures and
9 EGS price comparisons, implementing a POR program for residential and
10 Small C&I customers, committing to meet with EGSs and customers
11 during each year, enhancing communication and enforcement of
12 Duquesne's code of conduct, and improving cost allocations among its
13 affiliates.

- 14 • For Duquesne and its supplier: Duquesne's Default Service Plan
15 continues to compensate for the costs and risks, including the significant
16 risks assumed by proposing fixed prices for one or three years and holding
17 these rate offers open during the regulatory review period and thereafter.

18
19 *b) Tailors Plan To Customer Type and Market Situation*

20 **Q. Do you support Duquesne's Plan to tailor its default service offering by**
21 **customer type?**

22 A. Yes. For Large C&I customers (representing over 46% of Duquesne's total
23 system load), Duquesne's Default Service Plan would offer hourly price service
24 (Rider No. 9) as market prices change hour to hour. Duquesne proposes to

1 eliminate its existing Fixed Price Option (Rider No. 8) and the Generation Rate
2 Adjustment switching rule (Rider No. 23).

3 For approximately 55,000 Small C&I customers (or 24% of Duquesne's
4 total system load), Duquesne's Plan offers fixed supply rates, but begins to expose
5 these customers to annual market price adjustments. In addition, Duquesne
6 proposes to redesign the rates of Small C&I customers to align the rates more
7 closely with the competitive market by phasing out demand charges and declining
8 energy blocks over the three-year period. These changes, along with the POR
9 program, should expand opportunities for most Small C&I customers to shop for
10 electricity.

11 For residential customers (representing 29% of Duquesne's total system
12 load), Duquesne's plan offers fixed supply rates like that being offered by most
13 other Pennsylvania utilities through 2010. The fixed supply rates provide rate
14 stability as wholesale and retail markets continue to evolve. A fixed supply rate
15 for residential customers is especially important given the limited competitive
16 retail opportunities provided to these customers in Duquesne's service area. At
17 the same time, Duquesne proposes several market enhancements that should
18 increase opportunities for residential customers to shop for their electricity
19 (including rate simplification, resetting the rates to reflect prevailing market
20 prices, phasing out declining energy blocks and below market energy charges for
21 residential heating customers over the three-year period, and implementing a POR
22 program.)

23

1 Q. Do you support Duquesne's proposal to eliminate the fixed price option for
2 Large C&I customers at this time?

3 A. Yes. This is consistent with the Commission's POLR III order and is appropriate
4 given the current situation in Duquesne's service area. Large C&I customers
5 have more opportunities to shop for competitive supply and are better prepared to
6 make informed supply decisions than residential and Small C&I customers.
7 Large C&I customers throughout the United States and within Duquesne's service
8 area have relatively high levels of retail shopping as compared to smaller
9 customers. See Exhibit NSF-1. In fact, Duquesne appears to have the highest
10 retail shopping rate among Large C&I customers in the country with about 98%
11 of the Large C&I customer load already switched to an EGS.¹

12 Duquesne has found it very difficult to obtain fixed price bids at attractive
13 price levels to provide default service supply to these customers using a
14 competitive RFP process. Duquesne conducted a competitive RFP process three
15 times on behalf of Large C&I customers – in October 2004, March 2006, and
16 May 2006. Prior to the issuance of the RFPs, the Company spent considerable
17 time and effort developing RFP guidelines, a supply contract, bid sheets, bidder
18 qualification requirements, and so forth. The first RFP process resulted in six
19 bids, most of which offered to supply only a limited number of tranches. In
20 addition, the bids received included a wide variation in price, with the highest
21 price bid almost twice that of the lowest bid. Few customers elected the resulting
22 fixed rate option. The second RFP conducted in March 2006 resulted in no bids
23 from any suppliers at any price. The Commission in its May 4, 2006 Order then

¹ As of December 15, 2006, there were nine EGSs serving Large C&I customers.

1 made several changes to the RFP process in order to make the product more
2 attractive to potential bidders and encourage supplier participation. The
3 Commission capped the amount of load eligible for the RFP price to provide
4 greater certainty to potential bidders. If the load exceeded this amount, the
5 winning supplier was allowed to offer another price subject to Commission
6 approval. The Commission also allowed suppliers to adjust the winning bid price
7 for upcoming regulatory changes related to capacity markets (i.e., the PJM
8 Reliability Pricing Model or "RPM"). The Commission allowed Duquesne's
9 affiliate, Duquesne Power, to bid in the RFP. Even after these changes, Duquesne
10 only received one bid and that was from its affiliate, Duquesne Power. In sum,
11 the Company devoted significant time and effort on these RFP solicitations to
12 obtain supply at fixed prices. The RFPs attracted very little interest among
13 bidders, and given the resulting price levels, there was very little interest among
14 customers for Duquesne's fixed price option. As of December 15, 2006, there
15 were only six customers on the fixed price product, which represent less than four
16 MW of non-coincident peak load.

17
18 **Q. Do other states treat Large C&I customers differently than residential and**
19 **Small C&I customers?**

20 A. Yes. Differentiating between Large C&I and other customer groups has become
21 increasingly common. In Texas, Large C&I customers greater than one MW were
22 not offered "Price-To-Beat" service. In New Jersey, Maryland, New York and
23 Illinois, large customers are exposed to shorter-term market price signals than are
24 smaller customers. While jurisdictions have different definitions of what

1 constitutes a "large" customer, "Large C&I customers are generally expected to
2 be well-informed buyers with wide energy procurement experience. As such,
3 some states determined that large C&I customers are more likely to be able to
4 quickly obtain the benefits of retail competition without additional help from state
5 regulators provided in the form of fixed price POLR prices."²
6

7 **Q. Do other utilities offer Large C&I customers hourly price default service?**

8 A. Yes. I am aware of 16 utilities in five states that offer hourly price default
9 service. These are shown in Exhibit NSF-2. Of those, 10 of the 16 utilities offer
10 real-time hourly prices, including those utilities in Maryland, New Jersey, Illinois
11 and Pennsylvania (Duquesne).³ Given Duquesne's current situation, I believe this
12 type of default service plan will continue to promote retail competition in
13 Duquesne's service area.
14

15 **Q. Please explain why Duquesne's Default Service Plan treats Small C&I
16 customers differently than residential customers.**

17 A. As Exhibit NSF-1 shows, Small C&I customers in the United States generally
18 have somewhat higher switching levels than residential customers, indicating that
19 Small C&I customers are somewhat more sophisticated about their service
20 options and have more opportunities to shop than do residential customers. As a
21 result, it is appropriate at this stage of market development to provide Small C&I

² Draft Report to Congress on Competition in the Wholesale and Retail Markets for Electric Energy, Docket No. AD05-17-000, Electric Energy Market Competition Task Force and the FERC, June 2006, at 87.

³ Duquesne's program currently appears to have the lowest kW threshold among those utilities offering hourly price default service.

1 customers with more exposure to market price adjustments, rather than fix their
2 rates for three years. This will further promote retail competition, while not
3 exposing these customers to the same market price movements that Duquesne
4 proposes for Large C&I customers.

5 Duquesne's Plan attempts to tailor default service by customer type and
6 market situation in a manner that balances the interests of customers and
7 competitive suppliers while further developing retail competition.

8
9 *c) Continues to Promote and Advance Retail Competition*

10 **Q. How does Duquesne's retail access program compare with that of other**
11 **utilities in the United States?**

12 **A.** Duquesne has one of the most successful retail access programs in the country.
13 Duquesne has achieved relatively high customer switching rates, as shown in
14 Exhibit NSF-1. Duquesne has the highest percentage of Large C&I customer load
15 switched in the entire United States and the ninth highest percentage of residential
16 load switched in the United States. Within Pennsylvania, the OCA reports that
17 the vast majority of customer load – 95% of residential load, 81% of commercial
18 load and 90% of industrial load – that is currently shopping in Pennsylvania is
19 located in Duquesne's service area.⁴

20 Many industry observers point to Texas as having the most advanced retail
21 market in the country. According to the most recent Texas commission report on
22 the state of competition, "56% of electricity sold in the competitive market in

⁴ Pennsylvania Electric Shopping Statistics, January 1, 2007.

1 Texas is supplied by providers other than the traditional affiliated REP.”⁵ By
2 comparison, Duquesne has 54% of its total system load being supplied by
3 competitive suppliers. Of course, the Texas market is certainly much bigger in
4 terms of market size and its ability to attract competitive suppliers, but on a
5 percentage basis, Duquesne is similar to Texas in terms of encouraging customers
6 to shop for their electricity. This is a significant accomplishment.

7 While some parties may argue that having the utility remain in the
8 commodity business or having the utility offer a fixed price will pose a barrier to
9 retail competition, the fact is, relative to most retail access jurisdictions, Duquesne
10 has developed one of the most successful retail access programs in the United
11 States.

12
13 **Q. Explain how, and by what standards, you determined that Duquesne has one**
14 **of the most successful programs.**

15 A. My statement is based on a number of factors, that when considered together,
16 make Duquesne’s restructuring program one of the most successful in the United
17 States.

- 18 • Duquesne was one of the first utilities in the nation to recover its stranded
19 costs and move to market-based pricing.
- 20 • Duquesne provided retail customers with one of the largest rate reductions
21 in the country when it eliminated its competitive transition charge
22 (“CTC”).

⁵ Report to the 80th Texas Legislature, Scope of Competition in Electric Markets, PUCT, January 2007, at 51.

- 1 • Duquesne has achieved relatively high shopping levels in the United
- 2 States without exposing small customers to significant rate increases,
- 3 without the use of opt-out customer assignment programs, and without
- 4 exposing small customers to short-term market price volatility.
- 5 • Duquesne was one of the first utilities in the nation to offer hourly pricing
- 6 to all customers greater than 300 kW.
- 7 • Unlike other utilities that have divested their generation and have
- 8 attempted to offer customers fixed default service rates, Duquesne has
- 9 effectively managed its supply costs and risks, thereby avoiding the
- 10 problems experienced in California.
- 11 • Throughout much of the post-transition period process, Duquesne has
- 12 been able to obtain support from various parties for its default service
- 13 plans (e.g., POLR II Settlement and POLR III Stipulations).

14

15 **Q. Why do you think Duquesne's retail access program has been relatively**

16 **successful?**

17 **A.** There are several reasons.

18 First, Duquesne has attempted to establish default service rates to reflect

19 market price levels in order to promote retail competition. In contrast,

20 jurisdictions that have established fixed default service rates at below market

21 levels have virtually eliminated retail competition. In some instances, "blended"

22 default service rates, which are based on the average prices from a mix of

23 wholesale supply contracts resulting from solicitations, have virtually eliminated

24 retail competition. While blended rates may provide customers rate stability, they

1 do not represent prevailing market prices for a particular time period. As a result,
2 EGSs often cannot contract for their supply needs at prices that allow them to
3 offer attractive rates to retail customers, especially during prolonged periods of
4 rising market prices. I believe this has contributed to the lack of retail shopping
5 among residential and small C&I customers in New Jersey.

6 The key question for policymakers is how often utility default service
7 rates should adjust to changes in market prices. The optimal frequency depends
8 upon a number of factors, including customer sophistication, market price
9 volatility, the number of competitive service alternatives, what customers are
10 accustomed to, and the costs and benefits associated with exposing customers to
11 greater price volatility. Duquesne's Plan tailors its default service for each
12 customer group taking into account these considerations.

13 Second, Duquesne's management has been committed to retail access
14 from the start of customer choice in Pennsylvania. Throughout the restructuring
15 process and post-transition period, Duquesne's management has taken significant
16 actions to promote retail competition while balancing the interests of its
17 customers and shareholders. For example, Duquesne's management proposed a
18 market determination of stranded costs through the voluntary divestiture of its
19 generation assets. Duquesne's management structured an innovative asset swap
20 to maximize the value of its existing generation asset portfolio. These steps by
21 Duquesne's management transformed assets that were valued administratively at
22 approximately \$110 million in Duquesne's restructuring case⁶ and ultimately led

⁶ Application of Duquesne Light Company for Approval of its Restructuring Plan Under Section 2806 of the Public Utility Code, Docket R-00974104, May 21, 1998, at 130.

1 to the asset divestiture at market for \$1.7 billion. These voluntary actions taken
2 by Duquesne's management provided enormous benefits to customers in the form
3 of accelerated recovery of stranded costs and significant rate reductions.

4 Duquesne's management also initiated at the start of retail access a "jump
5 start" supply program for EGSs serving retail customers in its service area.⁷ This
6 program provided wholesale supply to EGSs at prices below Duquesne's default
7 service rates in order to encourage supplier entry. Duquesne's management also
8 offered to extend this program to EGSs during POLR II.⁸ Duquesne's
9 management periodically proposed increases in supply rates over time (both in
10 POLR II and in POLR III) to better track changes in market prices. In another
11 effort to foster retail competition at the start of POLR II, Duquesne's management
12 agreed to levelize supply rates at the request of EGSs.⁹ During POLR II
13 discussions, Duquesne's management also adopted several other suggestions
14 requested by EGSs, which included modifying its procedure for determining
15 responsibility for losses and calculating load responsibility, expanding EGS

⁷ Duquesne initiated and developed its first "Jump Start" program in the fall of 1998. The price for Jump Start power was \$26.00 per MWH. Supply in the program came from Duquesne's owned generation plants. The program began in January 1999 and lasted for six months through June 1999. At the end of the program, Duquesne allowed EGSs to retain the Jump Start customers with no action required by the supplier. During the program, Duquesne was responsible for procuring and scheduling power on an hourly basis on behalf of the supplier. Duquesne did not charge for this service. No forecasting, supply or scheduling actions by an EGS was necessary for "Jump Start" power. All ancillary services associated with "Jump Start" power was provided by Duquesne at no additional cost. Suppliers could enroll up to 600 MW of customer load in total. Approximately 17 suppliers signed up for the Jump Start program.

⁸ Duquesne's management also proposed another Jump Start program during POLR II - called "Jump Start II". Duquesne's management negotiated supply arrangements with Orion and proposed Jump Start II to ensure EGSs could procure energy at below the POLR II shopping credits. EGSs could buy at the same prices Orion sold power to Duquesne. However, at the request of the Mid-Atlantic Power Supply Association ("MAPSA"), the Jump Start II program was deleted from the Duquesne POLR II Plan.

⁹ In POLR II, Duquesne's management proposed to increase generation rates every year to better track changes in market prices. At the request of EGSs, Duquesne modified its original proposal and levelized POLR II generation rate increases over the three year period. Rates were levelized to further promote retail competition at the start of the POLR II period.

1 access to customer information,¹⁰ and developing an hourly pricing program for
2 Large C&I customers once a visible and liquid spot market price was available.
3 Later in POLR III, Duquesne management voluntarily developed and proposed an
4 hourly pricing program for all customers with peak demands greater than 300 kW.
5

6 **Q. What do you conclude about the actions of Duquesne's management with**
7 **respect to promoting retail competition?**

8 A. In my view, Duquesne has succeeded in balancing the interests of customers,
9 EGSs, and shareholders in a manner that is quite remarkable in the industry.
10 During the post-transition period, Duquesne has explored a variety of alternative
11 methods to establish prevailing market prices that included relying on a fully
12 negotiated bilateral contract in POLR II to using an hourly market index formula
13 rate and a wholesale market solicitation process in POLR III. Throughout this
14 period, the majority of Duquesne's customers have experienced significant rate
15 reductions and stable rates, while customer shopping levels are among the highest
16 in the country.

17
18 **Q. Even with all that Duquesne has done, is it possible that Duquesne's retail**
19 **access program could be improved?**

¹⁰ In the POLR II Joint Petition For Settlement, Docket No. R-0974104, Duquesne agreed to provide all EGSs access to customer information in a similar fashion as provided in the Joint Petition for Settlement in Docket No. A-110550F0147, paragraphs 46a and 46b, approved by Commission Order adopted on June 22, 2000 involving the merger of PECO Energy Co. and Unicom Corporation. Specifically, Duquesne agreed to provide to EGSs, for all customers who have authorized the release of their information, the most recent available twelve individual months of historical monthly electric usage and billed demand, per customer account, and the customer's service anniversary date. This information, which was to be provided on Duquesne's web site, was to be updated quarterly and would continue to be available through December 31, 2004. However, Duquesne is still offering EGSs access to this customer information, and Duquesne currently updates the eligibility list monthly rather than quarterly. Duquesne does not impose a charge for furnishing this information to EGSs.

1 A. Yes, and Duquesne has proposed many improvements in this filing. Mr.
2 Eichenmiller provides an overview of these changes. I would expect that
3 implementation of these improvements will contribute to the continued success of
4 Duquesne's retail access program.

5
6 *d) Provides Interim Bridge to 2011 When Generation Rate Caps for Most Other*
7 *Utility Customers Expire*

8
9 **Q. Are there other reasons why Duquesne's Default Service Plan represents**
10 **sound public policy?**

11 A. Yes. Given Duquesne's situation and that of other major Pennsylvania utilities,
12 Duquesne's Default Service Plan represents a "bridge" or "interim default service
13 plan" to 2011. Duquesne's fixed supply rates expire on December 31, 2007.
14 Meanwhile, the majority of customers in Pennsylvania, including those served by
15 PECO Energy, PPL Electric Utilities ("PPL"), West Penn Power Co.,
16 Pennsylvania Electric Co. and Metropolitan Edison Co., have fixed supply rates
17 through December 31, 2010 (or December 31, 2009 in the case of PPL). (See
18 Exhibit NSF-3.)

19 Duquesne's Default Service Plan offers residential customers a level of
20 rate stability that is consistent with that enjoyed by most other Pennsylvania
21 electric utility consumers. Meanwhile, Duquesne's Plan begins to expose
22 approximately 55,000 Small C&I customers to annual adjustments in supply rates.
23 For these customers, this represents a reasonable transition to market prices that
24 adjust more often.

1 Duquesne's interim Default Service Plan will allow more time for a)
2 wholesale and retail markets to develop further in Pennsylvania, b) the
3 Commission to develop its regulations for post-transition period default service
4 throughout the Commonwealth, and c) the Commission to learn from the default
5 service experiences outside the Commonwealth. As of this month, Texas
6 eliminated the Price-to-Beat service for residential and other small customers that
7 are less than 1 MW. In New York, several utilities expose customers to variable
8 rates. Elsewhere, statewide or utility specific solicitations (both with laddered
9 contracts and non-laddered contracts) are being conducted. There is much that
10 can be learned from these default service models in terms of impacts on rates and
11 retail competition. Pennsylvania regulators should take this opportunity to
12 evaluate the results of these alternative approaches before committing to any
13 particular approach for the state of Pennsylvania.

14 As Commissioner Fitzpatrick has stated:

15 The electric utilities serving a great majority of the customers in
16 Pennsylvania remain in the transition period, and will generally
17 continue in this transition period until 2010-2011. It is a challenge
18 to craft regulations now that will remain appropriate in light of
19 conditions that may exist five years from now, and this difficulty
20 would have been even greater had the Commission promulgated
21 the regulations sometime in the past. Anyone who doubts the truth
22 of that statement should ponder the unforeseen events that have
23 taken place in the energy sector during the past five years.¹¹
24

25 Duquesne's interim Plan provides a bridge to when generation rate caps
26 expire for most other Pennsylvania customers across the state.

¹¹ Concurring Statement from Commissioner Fitzpatrick, Petitions for Reconsideration of Duquesne Light Company and Constellation Power Source, Inc. and Constellation NewEnergy, Inc. Opinion and Order approving Post-Transition Period Provider of Last Resort Service, September 30, 2004.

1

2 **Q. Did the Commission recognize that a three-year extension of Duquesne's**
3 **default service plan may be appropriate?**

4 A. Yes. In the Commission's POLR III Order, the Commission stated that it is
5 possible that a second three-year term with a price adjustment will be adopted and
6 suggested that the Commission would review the competitive market and
7 regulatory landscape at that time.¹² The Commission also found [at 51] that
8 Duquesne demonstrated that it met the requirements of Section 2807(e)(3) of the
9 Competition Act and there was nothing in the POLR III Order that would prevent
10 Duquesne from obtaining the same determination for a subsequent three-year
11 period, depending on the evidence presented at that time.¹³

12 In fact, the Commission approved the six-year supply agreement between
13 Duquesne and Duquesne Power:

14 Duquesne has also requested approval of the Duquesne – Duquesne Power
15 supply arrangements as an affiliated interest agreement pursuant to
16 Section 2102(b) of the Code... We agree that the affiliated interest
17 agreement for supply arrangements is in the public interest and we will
18 approve that agreement as required by Section 2102(b) of the Code. In
19 doing so, we acknowledge that the term of the power supply agreement
20 extends beyond the term of the Small Customer Plan as approved herein.
21 As we have discussed at length, nothing in this Opinion and Order
22 prevents Duquesne from seeking to recover market based prices for energy
23 acquired for POLR supply subsequent to the term mandated herein.¹⁴
24

¹² Opinion and Order, Petition of Duquesne Light Company for Approval of Plan for Post-Transition Period Provider of Last Resort Service ("POLR III Order"), P00032071, August 23, 2004, at 17.

¹³ Ibid., at 51.

¹⁴ Ibid., at 53.

1 Q. Should the Commission's decision whether to approve the Default Service
2 Plan be influenced by whether wholesale solicitations might be used in future
3 default service regulations?

4 A. Even if the Commission determines that wholesale solicitations are appropriate in
5 future default service regulations, a state-wide or multi-jurisdictional solicitation
6 process may prove to be the most economic and efficient means to procure default
7 service supplies. The Commission should not require Duquesne on a stand-alone
8 basis to implement a wholesale solicitation process prior to 2011.¹⁵ Wholesale
9 solicitations do not provide the same level of price certainty to retail customers
10 (i.e., a known price held open during an extended regulatory review period), nor
11 have wholesale solicitations proven to result in higher levels of shopping than
12 currently experienced in Duquesne's service area. In fact, as shown in Exhibit
13 NSF-4, Duquesne currently has significantly higher residential shopping levels
14 than other jurisdictions that have relied on solicitations to establish default service
15 prices.

16 Duquesne is also concerned that repeated attempts to conduct RFPs
17 limited to its service area have not produced a large number of bidders. Duquesne
18 must compete with larger RFP processes being conducted in neighboring states.
19 Given the relatively high levels of switching in Duquesne's service area, bidders

¹⁵ The Commission also acknowledged the importance of ensuring that "regulations promulgated now be flexible enough to accommodate markets as they continue to evolve. . . . Consequently, the Commission seeks to avoid overly prescriptive language that may infringe on both its and all other interested parties' ability to manage the default service obligations." Default Rulemaking at 6. Further, the proposed rules provide that "each default service provider should have the option of proposing a default service implementation plan best suited to its service territory." Default Rulemaking at 10.

1 may also perceive greater switching risks associated with supplying default
2 service than experienced in other solicitations.¹⁶

3 Though I agree that a solicitation process is *one* reasonable way to procure
4 power, it is not necessarily the *most* reasonable method for all utilities under all
5 market conditions. Indeed, in Duquesne's POLR III proceeding, the Commission
6 explicitly recognized that "a competitive procurement process is not the exclusive
7 method to arrive at a prevailing market price." Reconsideration Order at 26.

8
9 *e) Provides Stable and Reasonable Rates to Small Customers*

10 **Q. Why is it important that Duquesne's Default Service Plan continue to**
11 **provide residential and Small C&I customers with a safe and reliable source**
12 **of supply at stable and reasonable rates?**

13 A. Retail and wholesale markets are still evolving. Given the volatility of electric
14 prices, the uncertain development of competitive retail markets for smaller
15 customers, and the customers' preference for fixed prices, Duquesne's residential
16 and Small C&I customers should continue to be offered fixed rate default
17 service.¹⁷

18 Smaller customers, and especially residential customers, do not want to be
19 exposed to short-term wholesale market price volatility while competitive retail

¹⁶ For instance, Duquesne has approximately 90,000 residential customers who are currently shopping with one supplier. A potential bidder could be concerned that all of these customers could return suddenly to default service at a time when market prices have increased.

¹⁷ Stable default service rates will not necessarily harm or promote retail competition. Stable rates can be set at below market levels, at market levels, or above market levels with differing impacts on retail competition. In some cases, a fixed price default service may provide a benchmark against which EGSs may compete and allow EGSs to market "known savings" off of that benchmark. If variable default service rates are unknown in the future, then it becomes difficult for an EGS to guarantee savings while providing the customer price security.

1 markets continue to develop. Retail competition has not developed as quickly as
2 hoped at the time of restructuring. A recent draft report to Congress summarized
3 retail competition as follows:

4 Although it has been almost a decade since states started to
5 implement retail competition, residential customers in most of
6 these states still have very little choice among suppliers. Few
7 residential customers have switched to alternative suppliers or
8 marketers in these states. Commercial and industrial customers,
9 however, have more choices and options than residential customers
10 ...One of the main impediments to market-based competition has
11 been the lack of entry by alternative suppliers and marketers to
12 serve retail customers.¹⁸
13

14 Customer switching among residential customers, in particular, has been
15 slow to materialize. As Exhibit NSF-1 shows, most utilities with retail access in
16 the United States have more than 95 percent of their residential load remaining on
17 utility default service.

18
19 **Q. Would it be prudent to rely on EGSs, instead of the default service provider,**
20 **to provide rate stability at reasonable prices to all residential and Small C&I**
21 **customers?**

22 **A.** No. Many obstacles still remain in the development of retail markets for smaller
23 customers throughout the nation (e.g., customer inertia, high EGS retailing costs,
24 credit and financial concerns, etc.).¹⁹ These hurdles have created high barriers for
25 EGS success throughout much of the United States. As indicated by the generally

¹⁸ Draft Report to Congress on Competition in the Wholesale and Retail Markets for Electric Energy, Docket No. AD05-17-000, Electric Energy Market Competition Task Force and the FERC, June 2006, at 71.

¹⁹ For example, the Pennsylvania Consumer Advocate identified several factors that depressed retail entry by suppliers to serve residential customers, including "the acquisition costs associated with marketing programs to reach residential customers, the costs of serving such customers once acquired, and the rising prices for generation supply service in the wholesale market." *Ibid.*, at 85.

1 low migration levels shown in Exhibit NSF-1, in most jurisdictions in the country
2 including Duquesne's, suppliers generally have not yet provided small customers
3 the variety of price and service packages that were anticipated in a more mature
4 market. Therefore, I do not believe at this stage of market development EGSs can
5 be relied on to provide fixed price protection to all residential and Small C&I
6 customers. The Commission should not assume that EGSs will suddenly appear,
7 offer fixed price services at reasonable prices to all customers, and remain in
8 business for years into the future.

9
10 **Q. Will setting the rates based on current market prices result in significant rate**
11 **increases?**

12 A. No. The total average rate increase in 2008 for a residential (RS) and a Small
13 C&I (GS/GM) customer is 9.2% and 9.3%, respectively. Mr. Pfrommer describes
14 the rate impacts in more detail.

15
16 **Q. Will fixing rates for three years for residential customers result in significant**
17 **rate impacts in 2011?**

18 A. Not necessarily. Duquesne has reset its supply rates to market levels every few
19 years as it moved from POLR I to POLR II to POLR III and now in this Plan.
20 This frequency of resetting rates has resulted in manageable rate impacts for
21 customers at each reset. Unlike other utilities both within and outside
22 Pennsylvania that have abruptly moved from long-term generation rate caps to
23 solicitations, Duquesne has successfully avoided sharp rate increases and
24 provided customers with stable rates over time.

1 Recent events in Pennsylvania, Maryland, and Delaware have
2 shown that consumers of electricity can be exposed to sudden,
3 dramatic price increases when long-term generation price caps,
4 mandated or agreed upon as part of various state restructuring
5 proceedings, expire. Here in Pennsylvania, the 4,400 customers of
6 Pike County Light and Power Co. ("Pike") experienced an increase
7 of over 70% in their total electric bill at the beginning of 2006. In
8 Delaware, Delmarva Power Co. ("Delmarva") increased rates for
9 residential customers by 59% effective May 1, 2006. In Maryland,
10 residential customers of Baltimore Gas & Electric Co. ("BG & E")
11 will face a 72% increase in their electric bills on July 1, 2006.
12 Sudden price increases of this magnitude produce what is referred
13 to as "price shock," making it very difficult for customers to adjust
14 their budgets and their usage.²⁰
15

16 By comparison, Duquesne's POLR II and POLR III plans, both of which
17 extended for about three years, resulted in modest rate impacts for residential
18 customers. It is very possible that the 2010-2011 rate impact will also be very
19 manageable. Furthermore, if the Default Service Plan is implemented, the 2010-
20 2011 rate impact for Duquesne's smaller customers could very well be much less
21 than that of other Pennsylvania utilities' customers, because most other
22 Pennsylvania utilities' rates were established long ago during the restructuring
23 process and therefore may be further from market levels.
24

25 **Q. While most Pennsylvania customers continue to be served under generation**
26 **rate caps, how do Duquesne's supply rates compare to the regulated**
27 **generation rate cap approved in Duquesne's restructuring proceeding?**

28 **A.** The Default Service Plan is a part of one of the largest and longest sustained
29 supply rate reductions in the country. As compared to the generation rate caps
30 approved in Duquesne's restructuring case in May of 1998, residential and Small

²⁰ Motion of Commissioner Terrance J. Fitzpatrick, Policies to Mitigate Potential Electricity Price Increases, Public Meeting May 19, 2006, at 1.

1 C&I customers in Duquesne's service area are expected to realize about \$950
2 million in savings (nominal dollars) over the 1999-2010 period, if the
3 Commission approves Duquesne's Default Service Plan. In addition, to the extent
4 that customers have realized and will continue to realize even greater savings by
5 shopping for electricity, the total savings resulting from Duquesne's restructuring
6 are even larger.

7 For example, Duquesne's Default Service Plan provides fixed supply rates
8 for a residential RS customer that are on average 9% (2008-2010) below the
9 generation rate cap levels (including CTC) approved in Duquesne's restructuring
10 case. Adjusting for inflation, a residential customer in Duquesne's service area is
11 expected to experience a 37% real rate decrease in 2010 as compared to the 1996
12 rate levels in effect when the restructuring legislation was enacted. (See Exhibit
13 NSF-5.) This is a remarkable result, especially given the large increases in fuel
14 and electricity market prices during this period.²¹

15
16 **Q. Do others share your view that stable supply rates are necessary for small
17 customers as markets continue to evolve?**

18 **A. Yes.** Throughout the restructuring process and the development of Duquesne's
19 default service plans, Pennsylvania consumer groups have consistently stressed

²¹ Commission Fitzpatrick summarized the change in fuel prices during this period as follows: "According to the EIA, monthly natural gas prices at Henry Hub have increased from \$3.39/Mcf in January 1997 to \$7.18/Mcf in April 2006 (112% increase); Delivered natural gas prices to Pennsylvania city gates has increased from \$4.24/Mcf in December 1996 to \$10.72/Mcf in February 2006 (152% increase); Distillate (#2) oil prices used in combustion turbines in the New York region have increased from 72.808 cents/gal in December 1996 to 210.800 cents/gal in December 1996 to 121.57 cents/gal in April 2006 (133% increase); Average delivered to utility plan coal prices in Pennsylvania, including long-term coal contracts, have increased from \$1.38/mmbtu in 1996 to \$1.58/mmbtu in 2005 (14.5%); Current Northern Appalachian coal spot prices, according to Coal News and Markets Report, have increased from \$22.50 per ton in July 2000 to \$42.00 per ton in May 2006 (87% increase)." Motion of Commissioner Terrance J. Fitzpatrick, Policies to Mitigate Potential Electricity Price Increases, Public Meeting May 19, 2006, at 2, Fn5.

1 the importance of having stable and predictable rates. The limited competitive
2 options available, when coupled with significant market price volatility and
3 structural change in wholesale power markets, have caused both national and
4 Pennsylvania consumer organizations to advocate for rate stability and certainty
5 in the provision of default service. The Consumer Energy Council of America
6 ("CECA")²² released a report in April 2003 concluding, in relevant part, that:

7 Electric industry restructuring should not expose residential and
8 small business consumers to volatile prices...Designing default
9 service rates to be volatile or reflect short-term wholesale market
10 conditions in order to spur customers to migrate to alternative
11 providers creates the potential for hardship for customers who do
12 not enter the competitive market or whose marketer fails to provide
13 them with service. (p. VII.) One of the underlying attributes of an
14 optimal electric power system is the provision of stable and
15 predictable prices for electric service. Residential and small
16 business consumers who have historically been provided electric
17 service at stable rates should not have to suffer price volatility and
18 extreme increases in monthly electric bills as the "price" of
19 adopting a competitive market. Such a result would be particularly
20 harmful to residential and small commercial customers, especially
21 since they generally have no way to respond to or protect
22 themselves against such price volatility. (p. VI.)²³
23

24 Echoing these conclusions, a consumer report prepared for the National Center for
25 Appropriate Technology stated "reliance on short-term wholesale market prices to
26 provide vital electric service to most consumers is a dangerous and risky

²² CECA is a public policy organization focusing on energy issues from the perspective of consumers, particularly residential and small business consumers. In January 2002, CECA convened a year-long Electric Industry Restructuring Forum to address the experiences to date of electric industry restructuring efforts at both the state and federal levels.

²³ CECA, "Positioning the Consumer for the Future: A Roadmap to an Optimal Electric Power System," April 2003.

1 business.”²⁴ More recently, the National Association of State Utility Consumer

2 Advocates provided the following comments.

3 The most important attribute of retail competitive markets -- at
4 least for residential customers -- is the establishment of just and
5 reasonable default service rates for customers who do not or cannot
6 shop for alternative generation service. The vast majority of
7 residential customers in restructured states have continued to
8 purchase generation from their traditional distribution utility or
9 some state-established surrogate for that company. In NASUCA’s
10 view, the default service (also referred to as standard offer or
11 provider of last resort service) must be as good as or better than the
12 traditional regulated service that customers received before
13 restructuring. That means that the service should be stable and
14 affordable, not volatile and expensive.²⁵

15
16 The Pennsylvania Office of Consumer Advocate (“OCA”) issued a similar press
17 release stressing the need to provide consumers with stable, reasonably priced
18 electric service:

19 ‘The last thing American electricity consumers need is high,
20 volatile electricity prices,’ [Pennsylvania Consumer Advocate]
21 Popowsky said. ‘The purpose of electric restructuring is to make
22 consumers better off, not to expose them to uncontrolled price
23 spikes from immature markets.’ The CECA report recommends
24 that ‘default service should be designed to assure stable,
25 predictable and equitable prices’ and that such service should be
26 the ‘benchmark’ against which competitive offerings can be
27 compared. ‘This is a critical recommendation,’ Popowsky stated.
28 ‘All customers should continue to be able to receive safe and
29 adequate service at reasonable prices from a default service
30 provider. In most states, that provider will be the incumbent
31 utility. To the extent that competitors can provide service that is
32 either cheaper in price or greater in value to consumers -- such as
33 green or renewable power -- then consumers will benefit even
34 more from restructuring. But in no case should consumers be made
35 worse off.’²⁶

24 “Managing Default Service To Provide Consumer Benefits in Restructured States: Avoiding Short-Term Price Volatility,” Barbara Alexander, NCAT, June 2003, p. 2.

25 Comments of the Pennsylvania Office of Consumer Advocate on Wholesale and Retail Electricity Competition, Electric Energy Market Competition Task Force, Docket No. AD05-17-000, November 18, 2005, at 36.

26 PA OCA press release, April 24, 2003.

1 The Pa. OCA does not support policies and programs that are
2 designed to harm consumers by exposing them to short term,
3 volatile default prices; making default service “ugly” and
4 unaffordable; or transferring customers to competitive suppliers
5 without their knowledge or consent. There is no basis in law or
6 policy for the notion that residential customers must be exposed to
7 more short term price volatility or higher prices in order to see
8 “benefits” from retail restructuring.²⁷
9

10 Duquesne’s Default Service Plan provides residential customers the type of
11 default service supported by consumer representatives -- a dependable, stable
12 price option at reasonable rates.
13

14 **Q. Could rate stability be achieved with a solicitation process?**

15 A. While it may be possible to obtain a three year fixed price in a solicitation
16 process, residential and Small C&I customers would be exposed to greater price
17 uncertainty than under Duquesne’s Default Service Plan. Duquesne is proposing
18 fixed supply rates that reflect prevailing market prices and is willing to hold those
19 fixed prices open during the regulatory review period. In contrast, if rates were
20 instead set by a solicitation, Duquesne’s retail customers would assume all market
21 price risks between now and the time that the solicitation is complete. While
22 Duquesne’s affiliate, Duquesne Power LP (“Duquesne Power”), will acquire
23 electricity at prevailing market prices to supply default service, the critical
24 difference is that Duquesne Power (and not the retail customer) will assume the
25 costs and risks associated with future market price movements from the time of
26 this filing to the time of delivery. Unlike the solicitations conducted in Maryland,

²⁷ Comments of the National Association of State Utility Consumer Advocates on Wholesale and Retail Electricity Competition, Electric Energy Market Competition Task Force, Docket No. AD05-17-000, November 18, 2005, at 6.

1 New Jersey, and elsewhere, the Commission will have more time to review and
2 approve the supply rates as opposed to approving a process with an uncertain
3 price outcome. In these other jurisdictions, the state commission typically has
4 only a few days in which to consider the rate levels and customer impacts
5 established in the solicitation process.

6
7 **Q. Wouldn't it be more economically efficient and promote competition to allow**
8 **retail rates to float with short-term market price movements?**

9 A. This is a complicated policy question. First, it is important to remember that
10 Duquesne proposes to expose over 46% of its total system load (Large C&I
11 customers) to hourly market prices. Second, to improve market price signals
12 during the 2008-2010 period, the Company proposes to begin adjusting supply
13 rates annually to reflect changes in market price levels for approximately 55,000
14 Small C&I customers (or approximately 24% of the Company's total system
15 load). As a result, more than 70% of Duquesne's total system load will be subject
16 to default service rates that adjust annually or hourly. Third, as described more
17 fully in Mr. Pfrommer's testimony, Duquesne also proposes significant changes to
18 its rate design for residential and Small C&I customers to better reflect market
19 prices. These improved price signals will provide incentives for more efficient
20 customer consumption decisions and investment in conservation and demand side
21 management measures.

22 Finally, while some parties may argue that smaller customers should be
23 exposed to even shorter-term (e.g., quarterly or monthly) market prices for
24 economic efficiency and competition reasons, this is not appropriate. Smaller

1 customers should not be forced onto a regulated default service that exposes them
2 to price volatility with limited opportunities to hedge those risks in the
3 competitive market.

4 Providing customers dynamic and volatile price signals to encourage
5 economically efficient load response is especially difficult for residential and
6 Small C&I customers. In some jurisdictions, customers experience significant
7 price volatility with little economic benefit. In the absence of cost-effective
8 enabling technology (e.g., advanced metering, communications, and metering
9 data management systems) for smaller customers, there is little benefit to sending
10 customers volatile market price signals,²⁸ and in the absence of EGSs willing to
11 serve that market, there is little customers can do to mitigate the impact of volatile
12 market prices.

13
14 **Q. What has been the experience in service areas that have attempted to expose
15 smaller customers to shorter-term market price signals?**

16 **A.** Customers have been exposed to more market price volatility, but retail shopping
17 levels are not necessarily higher in those service areas than in Duquesne's service
18 area. For example, as reported in the draft report to Congress on retail
19 competition, "Massachusetts based the generation portion of the POLR service on

²⁸ Without such technology, utilities must take metered usage and allocate it to hours in the month using deemed load shapes regardless of the customer's actual usage. Therefore, there is little economic incentive for a customer to change consumption without the necessary enabling technology to support those actions. Utilities also typically have limited ability to communicate price signals in advance to allow customers to respond to short-term price signals. Monthly prices are billed long after consumption occurs and price information is not revealed until after-the-fact. Furthermore, while there have been numerous studies and pilot programs attempting to measure customer response to market prices, the specifics regarding the magnitude of price movements, the frequency and timing of price movements, how prices are communicated to customers, and specific customer characteristics may impact the ability of customers to respond to the market prices even with the appropriate enabling technology.

1 the price of supply procured in wholesale markets through fixed-priced, short-
2 term (three or six months) supply contracts. Rates for the generation portion of
3 POLR service in the Boston Edison (north) territory increased from 7.5 to 12.7
4 cents per KWh from 2005 to 2006.²⁹ Meanwhile, very few EGSs are providing
5 residential customers with fixed price protection.

6
7 **III. Market Evidence Demonstrates That The Proposed Supply Rates Are Based**
8 **On Prevailing Market Prices And Recover Reasonable Costs**

9
10 **Q. Briefly summarize the Electricity Competition Act's requirements for the**
11 **post-transition period as it relates to default service.**

12 **A.** Section 2807 (e)(3) of the Competition Act simply states that the electric
13 distribution company or commission-approved alternative supplier "shall acquire
14 electric energy at prevailing market prices and shall recover fully all reasonable
15 costs."

16
17 **Q. Does the Competition Act define "prevailing" or "reasonable costs"?**

18 **A.** No, the legislature could have, but did not, specify a single method or test for
19 establishing "prevailing market prices." I am aware, however, that there has been
20 extensive debate among EDCs, wholesale and retail electric suppliers, consumer
21 groups, and Pennsylvania Commission staff regarding the proper interpretation of

²⁹ Draft Report to Congress on Competition in the Wholesale and Retail Markets for Electric Energy, Docket No. AD05-17-000, Electric Energy Market Competition Task Force and the FERC, June 2006, at 71.

1 this requirement.³⁰ In particular, parties disagree on the frequency in which retail
2 rates should be reset to market levels, which impacts the extent to which
3 customers are exposed to market price volatility, and on the methods that electric
4 distribution companies (“EDCs”) may employ to procure their electricity supply.
5

6 **Q. Do you believe the Commission should require a single method for**
7 **establishing prevailing market prices at this stage of market development?**

8 A. No, I believe that the interpretation of “prevailing market prices” should remain
9 flexible. The Commission should permit alternative supply procurement
10 methods and allow for the use of short and/or long-term products to set prevailing
11 market prices.

12 Prevailing market prices may be established by comparisons with other
13 market prices in the region, through a market price index formula, or by a
14 solicitation. In fact, Duquesne already has experience establishing default
15 service rates deemed to be in compliance with the Competition Act using each of
16 these different methods.³¹ The Commission explicitly recognized in Duquesne’s

³⁰ This debate has occurred in the litigation of post-transition period default service plans for Duquesne Light, UGI, Penn Power, and PPL, as well as in the Pennsylvania Commission’s effort to develop default service regulations for the Commonwealth.

³¹ The Company started serving default service customers from its owned generation. Duquesne subsequently divested its generating assets and served its default service customers by means of negotiated full-requirements supply contracts with a non-affiliate during the POLR I and POLR II periods. In POLR III, Duquesne treated Large C&I customers differently from residential and Small C&I customers. Large C&I customers were supplied with a PJM hourly market index formula rate. Alternatively, Large C&I customers could elect a fixed rate established by a solicitation. Meanwhile, POLR III residential and Small C&I customers on default service were supplied at a three-year fixed price based on an agreement with Duquesne’s affiliate, where the rate levels were established based on comparisons with recent solicitations. Each of these methods to supply and establish default service rates was approved by the Commission, and presumably, considered consistent with establishing rates at “prevailing market” prices per the Pennsylvania Competition Act.

1 POLR III proceeding that “a competitive procurement process is not the exclusive
2 method to arrive at a prevailing market price.”³²

3 Furthermore, at any point in time, there can be a variety of products in the
4 marketplace, each with its own prevailing market price. For example, when
5 someone purchases a mortgage for their home, he or she has a choice between
6 variable, five-year fixed, ten-year fixed, and thirty-year fixed mortgage rates. At
7 any point in time, the mortgage rates, associated risks, and product features (e.g.,
8 closing costs) may differ by product. If that person were to choose a five-year
9 fixed rate mortgage, he or she would pay the prevailing market rate for that
10 product given the specific terms and conditions. It would be incorrect to argue
11 that mortgages of only one term length reflect prevailing market interest rates.
12 The type of mortgage that is most appropriate varies by situation, just as different
13 types of default service are appropriate for different types of electricity customers,
14 especially since the level of retail competition varies across customer classes.³³

15 During the development of its POLR II and POLR III plans, Duquesne
16 found it necessary to apply different supply procurement methods and use
17 different approaches to establish market prices given the specific circumstances
18 that Duquesne and its customers faced at the time each default service plan was
19 implemented. Based on this experience, I believe that the appropriate method for
20 establishing prevailing market prices will depend on numerous factors (e.g.,
21 customer characteristics, EGS market participation, customer shopping activity,

³² Reconsideration Order at 26.

³³ I am not suggesting that there should be numerous default service offerings that could potentially interfere with the development of retail markets. Rather, I am suggesting that the type of default service should be tailored to the market conditions and customer characteristics at the time the default service is established.

1 market price volatility, ability of customers to respond to market price signals,
2 financial stability of market players, etc.). Given the current state of market
3 development in Duquesne's service area, I believe it would be bad public policy
4 to interpret the statutory provision in a manner that requires default service rates
5 to be based solely on short-term market prices or market prices established only
6 by solicitations, in all situations for all types of customers.

7
8 **Q. In the POLR III Order, did the Commission find that Duquesne was able to**
9 **demonstrate that the proposed fixed default service rates for a three-year**
10 **period met the requirements of the Competition Act?**

11 A. Yes. In the POLR III Order, the Commission found that "Duquesne has
12 established, by a preponderance of the evidence, that its proposed rates for the
13 Small Customer Plan satisfy the Act's requirements that such rates reflect
14 prevailing market prices for the three-year term period beginning January 1, 2005,
15 through December 31, 2007."³⁴

16
17 **Q. Did Duquesne rely on similar market price evidence to establish its proposed**
18 **rates in this proceeding?**

19 A. Yes. As described further below, I examined the results of recent solicitations
20 and available market price and customer information to establish Duquesne's
21 proposed retail rates. Except, unlike the POLR III proceeding, which primarily
22 focused on an analysis of the New Jersey auction results, I now have had an
23 opportunity to examine a broader range of solicitations and also have had the

³⁴ POLR III Order at 22.

1 benefit of more visible market price information within Duquesne's service area,
2 since Duquesne is now a member of PJM.
3

4 **Q. Briefly summarize the proposed supply rates under Duquesne's Default**
5 **Service Plan and describe how they compare with those approved in POLR**
6 **III.**

7 A. The proposed average supply rates for residential (RS) and Small C&I (GS/GM)
8 customers are 7.156 and 7.083 cents per kWh, respectively. As described by Mr.
9 Pfrommer, however, there are a few changes in the supply rate cost components.
10 Unlike POLR III supply rates, the proposed supply rates include the costs and
11 risks associated with meeting new requirements for RPM capacity and the
12 Alternative Energy Portfolio Standards Act of 2004 ("AEPS"). Unlike the POLR
13 III supply rates, which included ancillary service charges and PJM administrative
14 charges within the fixed bundled rate, the Company includes these costs in its
15 transmission rate adjustment mechanism, and will adjust these charges as actual
16 costs billed by PJM change.³⁵ Adding Duquesne's estimate of the ancillary
17 service and PJM administrative costs to the proposed supply rates suggests that
18 the average supply rates in 2008 for residential (RS) and Small C&I (GS/GM)
19 customers exceeds the current POLR III supply rates by an average of about
20 17.6% and 13.6%, respectively.
21

³⁵ Supply, transmission, ancillary services, and PJM administrative charges will continue to be included in the Price-to-Compare.

1 Q. What is the basis for the increase in supply rates above current POLR III
2 levels?

3 A. The proposed rates allow Duquesne to charge prevailing market prices and
4 recover reasonable costs for the default service products Duquesne is offering to
5 retail customers. Substantial market evidence demonstrates the need to increase
6 supply rates above POLR III levels, including:

7 1) The results of recent solicitations indicate that Duquesne's supply rates
8 need to be increased in order to reflect prevailing market prices and to
9 recover reasonable costs.

10 2) In addition, historical wholesale spot electricity prices and natural gas
11 prices have increased by 33% and 23% since calendar year 2003, the
12 year that Duquesne's POLR III rates were developed.

13 3) Furthermore, as described by Mr. O'Brien, the proposed supply rates
14 will be a pass-through of the price charged to Duquesne by Duquesne
15 Power, which reflects the costs and risks incurred by Duquesne Power
16 to acquire power at prevailing market prices in the competitive
17 wholesale market.

18 Each of these points is described further below.

19
20 a) *The Results of Recent Solicitations Indicate that Duquesne's Proposed*
21 *Default Service Rates Are Consistent With Prevailing Market Prices*

22 Q. Have you reviewed the market price results of recent solicitations to supply
23 full requirements default service?

1 A. Yes, this was the most important factor in establishing Duquesne's proposed rate
2 levels for residential and Small C&I customers.

3

4 **Q. Please summarize how Duquesne's retail rates were developed.**

5 A. I reviewed the market price results of recent solicitations to supply full
6 requirements default service to residential and Small C&I customers. The results
7 were adjusted for significant differences relating to the supply product definition,
8 timing, location, and associated risks. Based on this analysis, I developed average
9 rates for the three year period by customer class.

10 The class average rates were used by Mr. Pfrommer to develop retail rates
11 by rate schedule. As described by Mr. Pfrommer, the Company also considered
12 market-based changes in retail rate components (such as the elimination of
13 supply-related demand charges and declining energy blocks) and potential rate
14 impacts for certain customer classes, primarily affecting residential and Small
15 C&I heating customers.³⁶

16 Finally, as described by Mr. O'Brien, Duquesne Power has agreed to
17 provide default service to Duquesne at these rate levels and hold open these prices
18 during the regulatory review period.

19

20 **Q. What do you conclude from this analysis?**

³⁶ Based on the customer load patterns and how they impact energy, capacity and load following costs, there appears to be little market justification for the significant differences in Duquesne's current average rate levels between heating and non-heating customers. As described by Mr. Pfrommer, Duquesne proposes to eliminate these differences over a three-year period in order to simplify the rate structure and better align the average rates by rate schedule with market levels.

1 A. The market prices observed in these solicitations, appropriately adjusted to reflect
2 the differences in product structure and market conditions, are consistent with
3 those proposed in Duquesne's Default Service Plan. Therefore, I conclude that
4 Duquesne's proposed default service rates reflect prevailing market prices and
5 recover reasonable costs.

6
7 **Q. Why should the Commission consider the results of recent full requirements**
8 **solicitations?**

9 A. Full requirements solicitations provide a good measure of prevailing market
10 prices at the time of the solicitation for the default service supply product being
11 offered to customers in a particular location. This supply product involves certain
12 types of costs (e.g., energy, capacity, load following, etc.) and risks (e.g.,
13 customer switching, general load/weather uncertainty, future market price risks,
14 regulatory risks, etc.), and Duquesne must incur many of the same types of costs
15 and must assume similar risks when serving its residential and Small C&I
16 customers. Several utilities in other service areas have outsourced the
17 responsibility for these costs and risks to suppliers through solicitations to provide
18 full requirements default supply at fixed prices to residential and Small C&I
19 customers. These solicitations take the form of an auction or an RFP, and in
20 response to these solicitations prospective default service suppliers indicate the
21 prices at which they are willing to provide default service supply. The resulting
22 price represents a fair indication of the prevailing market price for the supply of
23 full requirements default service for the product in the solicitation.

24

1 **Q. Briefly describe what you mean by “full requirements” default service?**

2 A. “Full requirements” default service means that the default service supplier must
3 satisfy a fixed percentage of all of the default service customers’ supply
4 requirements throughout the delivery period, regardless of the customers’
5 instantaneous changes in energy consumption, and regardless of how frequently
6 customers switch onto or off of default service.

7
8 **Q. What are the contributors to the prevailing market price of full requirements
9 default service?**

10 A. There are many components that comprise the full requirements default service
11 obligation. These components represent services or benefits provided to the
12 customer and, correspondingly, costs and risks to the supplier. For example, full
13 requirements default service supply includes the obligation to meet the energy and
14 capacity requirements (and sometimes transmission service) necessary to serve
15 the load of retail customers. Full requirements default service suppliers may be
16 required to satisfy any renewable resource requirements and must also incur the
17 administrative costs associated with their obligations.

18 In addition, full requirements default service suppliers face costs and risks
19 associated with customer switching. If the default service is being provided at a
20 fixed rate to customers, customers are likely to elect default service when market
21 prices are higher than the default service rates, and not elect default service when
22 market prices are lower than the default service rates. This customer switching
23 option can be very valuable for customers, but very expensive for default service
24 suppliers.

1 Full requirements default service suppliers also assume some degree of
2 regulatory risk; that is, the risk that potential future changes in regulatory policy
3 will affect the default service, the expected cost of the default service, or the
4 utility's or customers' ability to compensate the default service supplier under the
5 terms of the agreement.

6 Finally, full requirements default service suppliers assume costs and risks
7 associated with the regulatory review period. Specifically, when a supplier offers
8 to provide full requirements default service at a fixed price, it assumes the risk
9 associated with market price movements between the time that the price is
10 proposed and the time of regulatory approval. The applicable regulatory body has
11 the duration of the review period to decide whether to approve the offered default
12 service supply price. This standing offer to perform at the specified price levels
13 protects the customers if market prices rise and the regulatory body approves the
14 proposal, resulting in increased costs to the supplier to meet its obligations, costs
15 from which customers are shielded. This is a benefit to the customers, at the
16 expense of the supplier.

17
18 **Q. Which solicitations for full requirements default service supply to residential
19 and Small C&I customers did you analyze?**

20 **A.** I reviewed the recent competitive auctions in the New Jersey service areas of
21 Atlantic City Electric Company ("AECO"), Jersey Central Power & Light
22 Company ("JCPL"), Public Service Gas & Electric Company ("PSEG"), and
23 Rockland Electric Company ("RECO"). Also, I considered the recent competitive
24 RFPs in the Maryland service areas of Baltimore Gas & Electric Company

1 (“BGE”), Allegheny Power (“Allegheny”), Delmarva Power (“Delmarva”), and
2 the Potomac Electric Power Company (“Pepco”). Finally, I examined the recent
3 solicitations in the service areas of Commonwealth Edison (“ComEd”), Penn
4 Power and Pike County. Exhibit NSF-6 provides a list of the solicitations I
5 considered and summarizes the term, customers included, and the date of the
6 solicitation.

7
8 **Q. Why did you consider these solicitations?**

9 A. These solicitations satisfy several key criteria. First, these solicitations involve
10 full requirements default service supply to residential and/or Small C&I
11 customers. Second, these solicitations were completed primarily within the last
12 12 months, so the winning bids are relatively “fresh.”³⁷ Third, these solicitations
13 (with a few exceptions) involve supply in service areas that are part of PJM. Even
14 though Penn Power and Pike County are not in PJM, I reviewed these solicitations
15 in my analysis because these service areas are geographically close to Duquesne
16 and located in Pennsylvania. Fourth, I relied on solicitations where there was
17 enough available market information to adequately analyze the solicitation.

18
19 **Q. Please provide a comparison of the winning bid prices in these solicitations
20 and Duquesne’s proposed default service rates.**

21 A. Exhibit NSF-7 shows the winning bid prices as compared to Duquesne’s proposed
22 retail rates. As can be seen in the exhibit, there appears to be significant
23 differences across solicitations, and in most instances, the bid prices were

³⁷ The earliest bid date of all of these solicitations is December 2005.

1 significantly higher than Duquesne's proposed retail rates. This cursory look at
2 the winning bids would suggest that Duquesne's proposed rates are too low.

3
4 **Q. Is this a fair comparison?**

5 A. No. Looking at the raw data can be confusing and misleading. In order to
6 properly compare the results of these solicitations with Duquesne's proposed
7 rates, several adjustments are necessary to express these results on an apples-to-
8 apples basis with Duquesne's proposed rates.

9
10 **Q. Summarize the approach you used to compare the results of these**
11 **solicitations with Duquesne's proposed rates.**

12 A. First, I removed the Pennsylvania gross receipts tax ("GRT") and line losses from
13 Duquesne's proposed rates.³⁸ By removing 5.9% for GRT, and 6.9% and 6.1%
14 for line losses, the resulting rates are \$63.02/MWH for residential and
15 \$62.80/MWH for Small C&I customers, respectively.

16 Next, I adjusted the results of the solicitations so that they could be
17 compared on an apples-to-apples basis with Duquesne's rates, net of line losses
18 and GRT. These adjustments were organized into three categories:

19 1. **Major definitional differences** – removing components that may be
20 included in the bid price (e.g., transmission, ancillary services, line
21 losses, taxes) that are not included in Duquesne's proposed rates (net
22 of GRT and line losses).

³⁸ For the purposes of this analysis, I used the average rates in 2010 for the residential and Small C&I customer classes. Duquesne's average supply rates for 2008 and 2009 are somewhat lower.

- 1 2. **Locational and timing differences** – adjusting for the market cost
2 differences (e.g., differences in locational energy prices, load shapes,
3 capacity prices, etc.) and adjusting for timing differences (e.g.,
4 differences between market conditions at the time of the solicitation
5 versus Duquesne’s filing, and the term of the supply delivery period).
6 3. **Asymmetric risk differences** – considering the differences in costs
7 associated with asymmetric risks; that is, risks that have greater
8 downside than upside, such as risks related to the regulatory review
9 period and customer switching.

10 I describe each of these adjustments in greater detail later. Some of these
11 adjustments are quite simple to explain and relatively easy to quantify. Others are
12 just as real, and may be significant, but are more difficult to measure.

13 Furthermore, it is important to note that while I have identified certain
14 asymmetric risk differences between Duquesne’s Plan and other solicitations,
15 there certainly are other risks that are assumed by a default service supplier,
16 whether it is Duquesne Power or a bidder in a solicitation.

17
18 **Q. Briefly describe these other risks that Duquesne Power will assume as the**
19 **default service supplier.**

20 **A.** Duquesne Power must assume numerous risks when providing a fixed rate under
21 the Company’s Default Service Plan, including:

- 22 • **Price (unhedged positions).** The risk that wholesale market prices will
23 rise once the fixed rates are established. This could occur for numerous
24 reasons (higher fuel costs, increased demand, impact of the new RPM

1 capacity structure, higher than expected costs of renewables, impact of
2 marginal transmission losses, etc.).

- 3 • **Quantity.** The risk that retail customers use more or less load than
4 expected, due to weather or other factors, such as changes in the
5 economy.³⁹
- 6 • **Load shape.** The risk that retail customers use more during peak periods
7 when market prices are high, and less during off-peak periods, than was
8 expected.
- 9 • **Basis differential.** The risk that prices rise in the Duquesne Zone as
10 transmission congestion is reduced and lower cost generation can move
11 from the Duquesne Zone to higher priced areas in PJM (i.e., the historical
12 basis differential between the Duquesne Zone and other PJM regions
13 diminishes).
- 14 • **Unexpected changes in regulatory requirements, market rules, and**
15 **laws.** The risk of unforeseen changes in market rules, regulations and
16 laws that could increase supply costs.
- 17 • **Supplier default.** The risk that Duquesne Power could be forced to
18 obtain replacement power at higher prices if its suppliers default on their
19 contracts.
- 20 • **Collateral.** The risk that downward price movements or other
21 circumstances would require Duquesne Power to post significant collateral
22 under its contracts to purchase its supply.

³⁹ Customer switching risks are related to quantity risk, but are discussed later in the asymmetric risk category.

1 Like Duquesne Power, default service suppliers that bid in structured
2 solicitations typically assume similar risks, and seek compensation in their bids.
3 Therefore, even though Duquesne Power will assume these risks, I did not make
4 any adjustments for these risks to the results of the solicitations.
5

6 **Q. Please describe the first category of adjustments -- accounting for major**
7 **definitional differences.**

8 A. The winning bids in New Jersey and Penn Power solicitations include the cost of
9 transmission service, while Duquesne's supply rates do not, so it was necessary to
10 remove the cost associated with this service from the winning bids in these
11 solicitations. Similarly, the winning bids in Maryland's and Pike County's⁴⁰
12 solicitations include the cost of line losses, so I netted the effect of these line
13 losses from these bids. The Pike County rate also includes GRT, so this too was
14 removed. Finally, the cost associated with ancillary services was removed from
15 all of the bids because they include coverage of ancillary services costs, but
16 Duquesne's proposed supply rates do not.⁴¹ Exhibit NSF-8 summarizes the
17 definitional adjustments that were made, and Exhibit NSF-9 shows the resulting
18 price comparison after adjusting for these definitional differences.
19

20 **Q. Is this a fair comparison?**

⁴⁰ For Pike County I reviewed the retail rates that resulted from the most recent solicitation.

⁴¹ For purposes of discussion, I combined ancillary services and PJM administration costs together and refer to the combined costs as "ancillary services."

1 A. No. While it is more accurate than looking at the raw bid results, this comparison
2 still ignores several very important differences – namely locational and timing
3 differences.

4
5 **Q. Describe your second category of adjustments – locational and timing**
6 **differences.**

7 A. Locational differences arise mainly because energy and capacity market prices
8 differ by region. These differences can largely be attributed to differences in
9 supply and demand in particular market areas, and transmission constraints
10 between market areas. Exhibit NSF-10 shows the differences in the average spot
11 energy prices between the utility zones where the solicitations were held and the
12 Duquesne Zone for the most recent 12 month period. As can be seen in the
13 exhibit, some of these basis differentials historically have been quite significant,
14 ranging anywhere from \$2 per MWH to \$27 per MWH. Large differences in
15 market prices at different locations can also be observed by studying the
16 differences in forward market prices (i.e., market prices for future delivery).
17 Besides the basis differential, locational differences in the market cost of energy
18 and capacity are driven by differences in customer consumption patterns (i.e.,
19 load shapes).

20 In addition, there are two important timing differences. First, the
21 solicitations occurred at different points in time. Therefore, I considered how
22 market conditions have changed since each solicitation was conducted. Second,
23 the solicitations have different delivery periods, ranging from 12 months to 36
24 months. Even if everything else is equal, the prevailing market price for supply

1 over a shorter delivery period will likely be different than the prevailing market
2 price for supply over a longer delivery period due to different market costs and
3 expectations over the different periods. In addition, if a delivery period covers
4 exactly one, two or three full years, the cost to provide load following energy and
5 capacity will be different than if the delivery period includes a disproportionate
6 number of non-summer or summer months.

7
8 **Q. Summarize briefly how you adjusted for the locational and timing**
9 **differences.**

10 A. In order to adjust a given solicitation's result for locational and timing
11 differences, I used available market price information as of the time of that
12 solicitation and associated load data to quantify cost components related to
13 energy, capacity, load shaping, etc.⁴² I then summed these market values for the
14 given solicitation's default service. Next, I used a consistent methodology to
15 determine and sum the current market values of each of the same cost components
16 for Duquesne's default service supply. I then subtracted from that sum the
17 aggregated value that I calculated for the given solicitation to calculate the
18 quantifiable differences related to locational and timing differences. For a given
19 solicitation, the net result reflects differences relative to the Duquesne Zone

⁴² My analysis considered the differences between the customer load patterns for each utility solicitation and the applicable Duquesne customer class load pattern. Differences in Auction Revenue Rights credits were also accounted for in my analysis.

1 attributable to energy and capacity prices, load shapes,⁴³ delivery periods, and the
2 point in time when the prices were established.⁴⁴

3 Exhibit NSF-11 shows the price comparison with adjustments for the
4 definitional differences as well as the locational and timing differences across
5 solicitations. The average price of the solicitations that included residential load
6 was \$60.02/MWH and the average price of the solicitations that included Small
7 C&I load was \$61.30/MWH.⁴⁵ This exhibit demonstrates that the results across
8 solicitations are more consistent than they first appeared before any adjustments,
9 as shown in Exhibit NSF-7.

10
11 **Q. Please explain the third category of adjustments -- differences in asymmetric**
12 **risks.**

13 **A. Duquesne and Duquesne Power assume several asymmetric risks (i.e., risks that**
14 **have greater downside than upside) when providing a fixed rate under the**
15 **Company's Default Service Plan, including regulatory review period risk and**
16 **customer switching risk. Winning bidders in solicitations may face similar types**
17 **of asymmetric risks to some extent, but as I will explain later, the costs associated**
18 **with these risks are significantly different under Duquesne's Default Service Plan**
19 **than they are in the solicitations analyzed. As a result, Duquesne's rates should**

⁴³ In some instances, the solicitations combined supply procurement for residential and Small C&I customers (e.g., New Jersey and ComEd). My analysis reflects the differences between the combined load shape used for the solicitation and the appropriate Duquesne load shape for a particular rate class (i.e., residential or Small C&I customers).

⁴⁴ I generally did not consider the processes utilities used to translate winning wholesale bid prices to retail rate schedules because my analysis already accounts for differences in line losses and customer load shapes. Other differences, such as averaging the results of the most recent solicitation with the results of solicitations in prior years as they do in New Jersey, are not applicable.

⁴⁵ These figures do not include transmission, ancillary services, line losses or GRT.

1 be considered in light of the product and risk differences when comparing the
2 proposed rates with the results of structured solicitations.

3
4 **Q. Please describe the first type of asymmetric risk that you identified, the
5 regulatory review period risk faced by Duquesne Power.**

6 A. To the extent that Duquesne Power chooses not to buy power in advance of
7 regulatory approval (a “short” position), there is a risk that wholesale market
8 prices will increase during the review period, the Commission will approve the
9 Plan, and Duquesne Power will be forced to procure supply at the higher prices.
10 To the extent that Duquesne Power chooses to procure power in advance of
11 regulatory approval (a “long” position), there is a risk that wholesale market
12 prices will fall during the review period, the Commission will not approve the
13 Plan, and Duquesne Power will be forced to sell its contracted supply at the lower
14 prices.

15 Clearly, the Commission has an option to accept or reject the proposed
16 fixed rates. While the Commission will consider many factors in its decision, this
17 option provides price protection for Duquesne’s customers, and regardless of
18 Duquesne Power’s supply procurement strategy, this price protection is provided
19 at the expense of the default service supplier.

20
21 **Q. Please explain why the regulatory review period risk assumed by the default
22 service supplier is significantly greater, and the associated price protection
23 provided to retail customers is significantly greater, under Duquesne’s Plan
24 than in the solicitations.**

1 A. Duquesne (and Duquesne's supplier, Duquesne Power) is offering to hold open its
2 fixed price while this docketed proceeding takes place to consider the offer. In
3 comparison, winning bidders in the solicitations typically only hold open their
4 fixed bid prices for less than five business days before the state commission must
5 decide whether or not to accept the bids. Therefore, bidders in competitive
6 solicitations assume a much smaller portion of the risk associated with market
7 price movements than Duquesne Power does under Duquesne's Plan.

8 Duquesne's offer to hold the fixed price open during a multi-month
9 regulatory review period represents a fundamental difference between Duquesne's
10 Plan and a solicitation. Under either approach, a multi-month regulatory
11 proceeding is necessary, and somebody must assume the risk of market price
12 movements during the duration of the proceeding. Duquesne's Plan provides a
13 significant benefit to customers in the form of greater certainty and known rates.
14 At the same time, Duquesne's Plan provides the Commission and parties in this
15 proceeding with sufficient time to evaluate the Plan and the resulting rate impacts.

16
17 **Q. Couldn't Duquesne request that the Commission approve its Plan within a**
18 **short time period (e.g., 5 business days) to mitigate the regulatory review**
19 **period risk?**

20 A. This would significantly reduce the risks to Duquesne Power, but Duquesne does
21 not believe that it is realistic to request Commission approval of its Plan within
22 such a short time period.

23

1 Q. Why couldn't the Commission approve and conduct a solicitation process
2 immediately, and approve the results of the solicitation within a few days in
3 order to lock in rates at current prevailing market prices and mitigate this
4 regulatory review period risk?

5 A. Even if all parties somehow immediately agreed to conduct a solicitation, many
6 significant and potentially contentious issues would still need to be resolved
7 before the solicitation could be conducted.⁴⁶ For example, some parties would
8 likely advocate for a Maryland-style RFP process, while others would likely
9 support a New Jersey or Illinois declining-clock auction approach. Some parties
10 may favor the laddering of supply contracts, while others would not. Some would
11 desire the use of long-term contracts, while others would support only the use of
12 short-term products, and still others may advocate a certain blend of long and
13 short-term products. Some may favor supply to be procured in the form of a fixed
14 price full requirements product, while others may favor other forms of the supply
15 product that shift more of the price and volume risk from suppliers to retail
16 customers. In addition to these issues regarding the format of the solicitation and
17 the definition of the supply product, many other questions would need to be
18 answered. Who will be the solicitation manager? Will it be the utility or a third
19 party? What will be the structure and rules regarding communications between
20 the bidders and the solicitation manager? Who, if anyone, will monitor the
21 solicitation process to ensure that protocols are properly followed? What are the
22 qualification criteria and application process to be a bidder, and what credit and

⁴⁶ We have already observed many differences of opinion with regard to solicitations and their logistics, in prior Pennsylvania default service proceedings as well as in default service proceedings in other states.

1 collateral requirements must be met? Will caps be placed on the amount of
2 supply that can be awarded to any single bidder? What is the contingency plan if
3 the solicitation fails, and what constitutes failure in the first place? All of these
4 issues would need to be resolved, associated documents would need to be drafted,
5 and this takes time. In fact, in response to some parties' desire to adopt
6 solicitation processes for default service throughout the state, the Commission
7 established a working group to reach some agreement on the issues related to such
8 a process. The initial meeting of the working group was held on July 26, 2006.
9 While the working group is working to reach some consensus on the issues, none
10 of the issues has yet to be resolved.

11 During the time required to resolve these issues and obtain final
12 Commission approval of any solicitation plan, market prices are likely to change.
13 In a solicitation, retail customers would bear the risks of these changes in market
14 prices. Conducting a solicitation does not eliminate the regulatory review period
15 risk; it merely shifts this risk from the default service supplier to retail customers.

16 It is also important to remember that there is considerable uncertainty
17 surrounding the success of a new solicitation. What events may impact market
18 prices prior to the bid? What if the solicitation is not structured appropriately?
19 Will potential bidders be comfortable with the level of customer switching risks
20 and basis differentials in Duquesne's service area? What additional costs and
21 risks would customers need to assume in order to attract bidders in a solicitation?
22 How many suppliers will bid? What prices will they bid? Obviously, customer
23 rate impacts would remain uncertain until the solicitation is finally completed. In
24 Maryland and Illinois, several stakeholders have argued that the solicitations have

1 resulted in “unacceptable” rates, and this has led to hard-fought battles to change
2 the rates after the solicitations were completed. In several jurisdictions, utilities,
3 regulators, and/or politicians have been forced to consider cost deferral programs
4 and rate freezes, and this adds to the risk that utilities may not be able to recover
5 their full procurement costs resulting from a solicitation.⁴⁷ Duquesne’s Plan
6 avoids the uncertainty and costs associated with the solicitation process and its
7 outcome.

8 Finally, it is not at all clear from market evidence that conducting a
9 solicitation will actually promote retail competition. Duquesne already has
10 relatively higher levels of residential customer shopping than most, if not all,
11 service areas that rely on a structured solicitation process.

12
13 **Q. What compensation is Duquesne Power proposing to charge to cover its costs**
14 **and risks associated with holding its fixed price offer open during the**
15 **regulatory review period?**

16 A. Duquesne Power is willing to provide this benefit for a charge of 0.3 cents per
17 kWh for residential customers and 0.15 cents per kWh for Small C&I customers.
18 While the length of the regulatory review period is expected to be the same for
19 both customer classes, the level of risk is greater for residential customers than for
20 Small C&I customers due to the longer term of the fixed price commitment.

21

⁴⁷ Based on my analysis of the solicitations and Duquesne’s customer load patterns, I expect residential (RH) and Small C&I (GMH) heating customers would experience large and immediate rate increases as a result of a solicitation process. As described by Mr. Pfrommer, Duquesne, as a part of its Plan, has proposed to phase-in the supply rate increases for these customers over a three year period.

1 **Q. Couldn't Duquesne Power hedge its regulatory review period risk to reduce**
2 **the expected cost?**

3 A. Duquesne Power may develop a strategy to hedge this risk (e.g., take a "long"
4 position, take a "short" position, or some combination), but this strategy will only
5 be useful in reducing its losses under certain outcomes (with respect to future
6 market prices and the regulatory approval decision). A supply strategy will not
7 reduce the expected cost of this risk, and the strategy itself may be costly. For
8 example, Duquesne Power may decide to procure its supply now, or it may wait
9 for Commission approval of the Plan. Under either strategy, Duquesne Power
10 will assume considerable risk during the regulatory review period. Even if
11 Duquesne Power tried to purchase options to hedge its regulatory review period
12 risk, the options would need to be purchased at a cost with no guarantee of future
13 recovery.

14
15 **Q. In order to assess whether Duquesne Power is offering a reasonable charge to**
16 **provide customers price certainty during a multi-month regulatory review**
17 **period, did you attempt to quantify the potential risk associated with the**
18 **regulatory review period?**

19 A. Yes, I have performed an analysis that illustrates the size of this risk and indicates
20 that Duquesne Power's offer is reasonable. Before I explain my analysis, I
21 believe that it is important to note that estimating the potential magnitude of
22 future risks is a more subjective science than is predicting other types of items,
23 such as a cost category in a distribution rate case. Still, the risk that I have
24 discussed is very real and significant, and my quantification provides a reasonable

1 illustration of the potential magnitude of the regulatory review period risk that is
2 shifted from retail customers to Duquesne Power under Duquesne's Plan.

3 In order to illustrate the size of this risk, I recognized that a key driver of
4 the risk is the magnitude of the potential market price movements during the
5 regulatory review period. Therefore, I studied actual historical market price
6 movements. Specifically, for each trade date since March 30, 2005 (the first date
7 in which adequate market price data was available), I tabulated the New York
8 Mercantile Exchange's ("NYMEX") reported forward market price for around-
9 the-clock ("ATC") energy⁴⁸ delivered at PJM Western Hub for calendar year
10 2007. Using this data, I calculated the percentage change in forward market
11 prices from each given trade date to the date six months later. Each of these
12 percentages represents an actual market scenario that occurred. As a result, the
13 entire set of percentages is the distribution of market price movements witnessed
14 in the market over the specified period of time. This distribution is shown in
15 Exhibit NSF-12. Assuming that the regulatory review period is about six months
16 long, this distribution can be used to illustrate the possibilities, with regard to
17 market price movements, during the regulatory review period.

18 Next, I identified the 90th percentile scenario; that is, the percentage price
19 increase such that 10 percent of the scenarios had a percentage price increase that
20 was higher. The percentage price increase in this scenario is 23.0%. This implies
21 that there is a 10% probability that market prices could increase by more than
22 23.0% during the regulatory review period. Such a scenario would be costly to

⁴⁸ ATC energy is by far the largest component and driver of full requirements market value, and other components of the full requirements market value are correlated with the ATC energy price.

1 Duquesne Power if it had not purchased supply in advance of regulatory approval
2 and the Commission decided to approve the default service rate that is offered in
3 the Plan, because Duquesne Power would need to obtain supply at the higher
4 market prices. Applying this percentage market price increase to a market value
5 of approximately \$64/MWH (before GRT), translates into a cost to Duquesne
6 Power and a benefit to customers of over \$14/MWH.

7
8 **Q. Could Duquesne Power avoid this cost by procuring its supply now?**

9 A. If Duquesne Power procures its supply now, it no longer incurs significant costs
10 when market prices increase, but it instead incurs significant costs when market
11 prices decrease. Over the historical period that I studied, the 10th percentile
12 scenario for the percentage price change over six months is -17.2%. This implies
13 that there is a 10% probability that market prices could decrease by more than
14 17.2% during the regulatory review period. Applying this percentage market
15 price decrease to a market value of approximately \$64/MWH (before GRT),
16 translates into a cost of about \$11/MWH.

17
18 **Q. What do you conclude about the regulatory review period risk?**

19 A. Under the Default Service Plan, small retail customers are provided a significant
20 benefit due to Duquesne Power's willingness to assume the regulatory review
21 period risk that I have described. Customers would not be provided this benefit
22 under a solicitation approach. A solicitation process does not make this risk
23 disappear; it merely transfers the risk from the default service supplier to retail
24 customers. Actual market evidence indicates that the charge that Duquesne

1 Power is offering (0.3 and 0.15 c/kWh for residential and Small C&I customers,
2 respectively) as compensation for assuming this risk, instead of requiring retail
3 customers to shoulder it, is less than the potential costs associated with this risk.
4

5 **Q. Please describe the second type of asymmetric risk that you identified,**
6 **customer switching risk.**

7 A. When a default service supplier such as Duquesne Power provides supply at a
8 fixed rate that is passed through to customers, customers have the incentive to
9 elect the rate when it is lower than EGSs' offers, and they have the incentive not
10 to elect the rate when it is higher than EGSs' offers. As a result, customers are
11 likely to elect default service when market prices are higher than the default
12 service rates, and not elect default service when market prices are lower than the
13 default service rates. This customer switching option can be very valuable for
14 customers, but very expensive for default service suppliers. The customer
15 switching risk results in possible losses for default service suppliers, and the size
16 and likelihood of these losses are largely dependent upon market price volatility
17 and the likelihood that customers will take advantage of this switching option.
18

19 **Q. Why do you believe that customer switching risks are higher in Duquesne's**
20 **service area than in other service areas where solicitations were held?**

21 A. Like many other service areas, Duquesne no longer has any switching rules or
22 restrictions on residential and Small C&I customers to prevent them from

1 switching back and forth between fixed price default service and EGS service.⁴⁹
2 However, unlike most of the service areas that rely on solicitations, Duquesne
3 currently has significantly higher levels of residential shopping. The principal
4 switching risk associated with the residential customers currently served by EGSs
5 is that they will return to default service unexpectedly at a time when market
6 prices are high, forcing Duquesne Power to obtain additional supplies at a cost
7 exceeding the default service contract prices. Duquesne's switching risk is
8 exacerbated by the large concentration of shopping load served by a single EGS
9 who can suddenly decide to switch all of its customers back to Duquesne
10 whenever it chooses. EGSs serving residential customers have in the past
11 threatened to switch back large numbers of residential customers onto default
12 service all at once.⁵⁰ Also, it is important to note that in Duquesne's POLR II
13 settlement the parties agreed to a switching rule trigger if over 50,000 residential
14 customers were returned to default service within a three-month time period, and
15 that switching rule was triggered only several months after the POLR II
16 settlement was approved.

17 In addition, other states have been able to adopt certain measures to
18 mitigate customer switching and gaming risks. In Maryland, there is a volumetric
19 rate adjustment mechanism in the event customer switching levels increase
20 significantly. Unlike Duquesne's proposal, this provision transfers risks from the
21 default supplier to retail customers. Some states have approved seasonal rates

⁴⁹ During the early years of retail access, significant numbers of customers returned to Duquesne's default service during the summer months and then elected to be served by EGSs during the non-summer months. This led to the development of switching rules for residential and Small C&I customers during POLR II. These switching restrictions were eliminated by the Commission in the POLR III Order.

⁵⁰ Allegheny Energy Supply threatened to return over 100,000 residential customers in early 2001 and has since sold its EGS business in Duquesne's service area.

1 (e.g., New Jersey), but for reasons described in Mr. Eichenmiller's testimony,
2 Duquesne has found it difficult to reach consensus among consumer groups and
3 EGSs on this issue.

4 For all of these reasons, customer switching risks in Duquesne's service
5 area are likely to be higher than they are in many other regions.

6
7 **Q. Is Duquesne or Duquesne Power requesting any compensation in this filing
8 to cover the costs associated with these additional customer switching risks?**

9 A. No, it is not. But it is important to note that, should a solicitation be held in
10 Duquesne's service area at some time in the future, unless changes are made to
11 the rules regarding customer switching and/or pricing, bidders would likely seek
12 compensation for these additional customer switching risks.

13
14 **Q. Are there other risks that the wires business is assuming as a part of the
15 Company's Default Service Plan?**

16 A. Yes. The Company will assume several additional potential risks, including a) the
17 risk that Duquesne may experience greater fluctuation in revenues due to changes
18 in consumption (due to weather, demand response, business activity, or other
19 unrelated factors) with the elimination of supply demand charges and declining
20 energy blocks, and b) the risk that higher supply rates and the new POR program
21 could increase total credit and collection costs.

22
23 **Q. Is Duquesne requesting any compensation in this filing to cover these other
24 additional risks you mentioned?**

1 A. No, as part of its Default Service Plan, Duquesne is willing to assume these risks
2 at no additional cost to customers during the 2008-2010 period.

3

4 **Q. Other than the regulatory review period risk adjustment described above,**
5 **what other adjustments did you make to the average of the solicitation**
6 **results shown in Exhibit NSF-11?**

7 A. I added the cost of the applicable line losses for the Duquesne service area and
8 Pennsylvania GRT. Exhibit NSF-13 shows the average supply rates for
9 residential, Small C&I and lighting customers that I provided to Mr. Pfrommer so
10 that he could develop the retail rates by rate schedule and rate component.

11

12 **Q. Briefly describe how the average rate levels for lighting customers were**
13 **developed.**

14 A. Lighting customers generally consume a higher proportion of their electricity
15 consumption during off-peak hours. Therefore, both the energy and capacity
16 costs are lower than that of residential and Small C&I customers.⁵¹ I calculated a
17 lower average rate level for lighting customers based on these differences in load
18 patterns and capacity obligations.

19

20 **Q. Do the prices in the solicitations that you reviewed typically include retailing**
21 **costs that an EGS must incur?**

⁵¹ The MTS rate schedule, which applies to street traffic lights, is an exception. Traffic lights operate during peak hours and are more similar to the Small C&I customer class.

1 A. The winning bids in these solicitations generally reflect all the costs of serving
2 full requirements default service load at the wholesale level. Since the default
3 service suppliers are providing supply to an aggregated load awarded to them in
4 the solicitation process, the winning bids, however, do not reflect the costs of
5 marketing and customer acquisition that an EGS typically would incur. On the
6 other hand, the default service supplier incurs costs and risks that an EGS
7 typically might not incur (or at least not of the same magnitude), such as
8 regulatory review period risk and increased customer switching risks. .

9 It is important to recognize that EGS offers and utility default service
10 offers do not always reflect the same terms and conditions. An EGS has much
11 more flexibility regarding the risks it is willing to assume, with whom, and when.
12 EGSs are not required to sell to all customers. EGSs can negotiate the length of
13 customer contracts. EGSs have more flexibility to update their pricing as market
14 conditions change (e.g., the price of a one-year contract offered today may be
15 very different than the price of a one-year contract offered next month). EGS
16 contracts may include price re-openers if market prices increase. EGSs can
17 potentially terminate existing offers or stop making new offers. Finally, unlike
18 the default supplier, an EGS may completely exit the business. In short, an EGS
19 has much more flexibility than the default supplier. This flexibility allows an
20 EGS to manage its risks through marketing, contracting, or entering and exiting
21 the market. The utility, as a default supplier, does not have this same flexibility
22 and should be compensated for the risks that it assumes. Consequently, EGS
23 price offers generally do not reflect all of the risks incurred by a default provider.
24 On the other hand, utility default service providers do not face the customer

1 acquisition and aggregation costs that EGSs typically incur. Therefore,
2 appropriately compensating the default supplier for customer switching and
3 regulatory review period risks may provide EGSs an opportunity to recover the
4 marketing and acquisition costs that a default supplier does not incur.

5
6 *b) Electricity and Natural Gas Prices Have Increased*

7 **Q. Is there other market evidence to support the need for an increase in supply**
8 **rates above current POLR III levels?**

9 A. Yes. Spot electricity prices have increased significantly since POLR III rate
10 levels were developed in 2003. Since then, PJM Western Hub electricity prices
11 have increased 33%. (See Exhibit NSF-14.) Spot natural gas prices also have
12 increased since the POLR III rate levels were developed. Since 2003, natural gas
13 prices have increased about 23%. (See Exhibit NSF-15.) While I did not rely on
14 historical spot price changes to develop rates in this proceeding, they provide an
15 indication of the overall magnitude of the level of price increases since
16 Duquesne's rates were last developed. I did, however, rely on market
17 expectations about future market prices when evaluating solicitation bids and
18 developing Duquesne's average rates.

19
20 *c) Duquesne Power Will Obtain Its Supply from the Competitive Market*

21 **Q. Is there any other evidence to suggest that the rates being offered by**
22 **Duquesne reflect prevailing market prices?**

23 A. Yes. Unlike many utilities in Maryland, New Jersey, and Pennsylvania,
24 Duquesne voluntarily divested its generation assets during its restructuring

1 process. Duquesne's affiliate, Duquesne Power, owns very little generation
2 (approximately 100 MW). As part of its merger application, the Company has
3 committed about half of those megawatts to expanding economic development
4 programs in its service area. As part of this filing, Duquesne Power has agreed to
5 purchase 100% of its default service supply in the competitive wholesale market.
6 In order to meet its default service obligations, Duquesne Power can enter into
7 negotiated bilateral contracts, conduct a more structured solicitation, and/or
8 acquire power in the spot market. In any case, it has little incentive to offer rates
9 below market prices when it will acquire electricity at prevailing market prices in
10 the competitive wholesale market.

11
12 **Q. What do you conclude about the level of Duquesne's proposed default service**
13 **supply rates?**

14 A. Duquesne's proposed supply rates represent prevailing market prices and recover
15 reasonable costs. The results of recent solicitations when adjusted properly for
16 definitional, locational, timing, and risk differences support this conclusion.
17 Other market price evidence shows that there have been significant increases in
18 electricity and natural gas prices since POLR III rates were developed. In
19 addition, relative to POLR III, the proposed rates include new risks and costs
20 associated with PJM-related RPM capacity and AEPS requirements. Finally,
21 Duquesne's affiliate will acquire its supply from unaffiliated suppliers in the
22 competitive market at prevailing market prices.

23

1 **IV. Duquesne's Methodology To Adjust The Small C&I Fixed Supply Rates**
2 **Each Year Relies On Changes In Visible Market Prices That Can Be**
3 **Measured In A Verifiable And Objective Manner**

4
5 **Q. Briefly describe how Duquesne will adjust the default service rates for Small**
6 **C&I customers based on changes in market prices.**

7 A. Duquesne proposes to serve Small C&I customers at fixed annual rates for 2008-
8 2010. Initial rates are based on prevailing market prices at the time of the filing
9 for the 2008-2010 period, but the 2009 and 2010 rates will be adjusted to reflect
10 subsequent changes in market prices. This adjustment will be accomplished
11 through application of a "Market Price Multiplier" to the initial rates set forth in
12 Exhibit WVP-1. The Market Price Multiplier will be calculated based on changes
13 in wholesale electricity forward prices from the date when rates are initially
14 established near the filing date, to the first day of October 2008 for 2009
15 deliveries, and to the first day of October 2009 for 2010 deliveries. For example,
16 on October 1, 2008 Duquesne will calculate the Market Price Multiplier for
17 calendar year 2009, which will be applied to the GS, GM, and GMH base rate
18 components for 2009 shown in Exhibit WVP-1. Depending on market price
19 movements over time, the Market Price Multiplier may be less than or greater
20 than 1, resulting in either a decrease or increase in rates. A similar rate
21 adjustment will be calculated on October 1, 2009 and become effective January 1,
22 2010. The steps involved in calculating the Market Price Multiplier are described
23 in more detail in Exhibit NSF-16. This exhibit also shows the calculation of the
24 2009 and 2010 base index prices.

1

2 **Q. Is the adjustment to Small C&I rates based on visible market prices that can**
3 **be measured in a verifiable and objective manner?**

4 A. Yes. The results can be replicated and are auditable. The Market Price Multiplier
5 will be calculated from a formula that uses the PJM NiHub electricity market
6 prices reported by NYMEX, a data source that reports electricity forward market
7 prices on a daily basis. Specifically, as explained in Exhibit NSF-16, the formula
8 used to calculate the Market Price Multiplier involves the averages of electricity
9 market prices reported by NYMEX over twenty-day periods.

10

11 **Q. Why do you rely on the PJM NiHub price as opposed to some other index?**

12 A. NiHub is a liquid trading hub located within PJM. As shown in Exhibit NSF-17,
13 price differences between NiHub and the Duquesne Zone historically have been
14 low and relatively stable.

15

16 **Q. Why does the calculation use the average of electricity market prices**
17 **reported by NYMEX spanning twenty trading days, rather than using the**
18 **price reported on a single trading day?**

19 A. A twenty-day period provides sufficient duration to smooth out anomalies that
20 might occur in a single day or in a week. Yet, a twenty-day period is short
21 enough that it is still representative of current market conditions.

22

23 **Q. Have other jurisdictions relied on averaging prices over twenty trading days**
24 **for the purpose of developing a market price index to set retail rates?**

1 A. Yes. In Texas, natural gas prices were averaged over twenty trading days to
2 adjust PTB rate levels.⁵² In New York, NYSEG and RG&E rely on a market
3 price index mechanism that incorporated electricity market prices over a twenty-
4 trading-day period. Likewise, the Power Purchase Option offered by Illinois
5 utilities was based on a market index mechanism that relied on a twenty-trading-
6 day average of electricity market prices.

7
8 **Q. Why are rates finalized October 1st prior to the start of the calendar year?**

9 A. The primary purpose is to provide both customers and EGSs sufficient notice of
10 the new rates prior to their effective date. This will allow EGSs time to market to
11 customers, and provide customers an opportunity to shop before the new rates
12 become effective.

13
14 **Q. Does that conclude your testimony?**

15 A. Yes, it does.

⁵² Unlike the Texas PTB mechanism, Duquesne will not have discretion over when to file for an adjustment. Duquesne's rates could decrease, not just increase, depending on market price movements.

NSF Exhibits

- Exhibit NSF-1** Shopping Levels in the United States by Customer Type
- Exhibit NSF-2** Utilities with Hourly Price Default Service for Large C&I Customers
- Exhibit NSF-3** Fixed Supply Rate Expiration Dates for Major Pennsylvania Utilities
- Exhibit NSF-4** Comparison of Residential Shopping Levels – Duquesne vs. Utilities that Rely on Solicitations
- Exhibit NSF-5** Residential Customer Supply Rate Reductions Relative to Restructuring Generation Rate Cap (1996-2010)
- Exhibit NSF-6** List of Reviewed Solicitations
- Exhibit NSF-7** Comparison of Duquesne’s Proposed Rates and the Results of Recent Solicitations
- Exhibit NSF-8** Summary of Key Definitional Differences in Recent Solicitations
- Exhibit NSF-9** Comparison of Duquesne’s Proposed Rates and the Results of Recent Solicitations Adjusted for Definitional Differences
- Exhibit NSF-10** Locational Spot Energy Basis Differentials Between Duquesne and Other Utility Zones
- Exhibit NSF-11** Comparison of Duquesne’s Proposed Rates and the Results of Recent Solicitations Adjusted for Definitional, Locational, and Timing Differences
- Exhibit NSF-12** Illustration of Potential Market Price Movements During the Regulatory Review Period
- Exhibit NSF-13** Derivation of Class Average Rates
- Exhibit NSF-14** PJM Western Hub Electricity Market Prices (1998-2006)
- Exhibit NSF-15** Henry Hub Natural Gas Prices (1998-2006)
- Exhibit NSF-16** Description of the Market Price Multiplier
- Exhibit NSF-17** Duquesne Zone versus PJM Northern Illinois Hub (“NiHub”) Spot Prices

U.S. Retail Access Shopping Statistics

Residential Customer Load				
Rank	Utility	State	Migration Rate	Notes
1	AEP Texas North Company	TX	52%	_a/
2	AEP Texas Central Company	TX	40%	_a/
3	Texas-New Mexico Power	TX	38%	_a/
4	Centerpoint	TX	36%	_a/
5	Orange and Rockland Utilities	NY	35%	_b/
6	TXU	TX	33%	_a/
7	Rochester Gas & Electric	NY	23%	
8	Ohio Edison	OH	18%	c/
9	Duquesne Light Co.	PA	18%	
10	NSTAR	MA	17%	_c/
11	Toledo Edison	OH	12%	_c/
12	Consolidated Edison	NY	10%	
13	Niagara Mohawk Power Corp.	NY	9%	
14	New York State Electric & Gas	NY	8%	
15	Cleveland Electric Illuminating	OH	8%	_c/
16	Potomac Electric Power Co.	MD	7%	
17	Western Massachusetts Electric Co.	MA	3%	
18	Massachusetts Electric Co.	MA	2%	
19	JCP&L	NJ	2%	
20	Maine Public Service Co.	ME	2%	
21	Cincinnati Gas & Electric	OH	2%	
22	Potomac Electric Power Co.	DC	2%	
23	Baltimore Gas & Electric	MD	1%	
24	PSEG	NJ	1%	
25	Central Hudson Gas & Electric	NY	1%	
26	Delmarva Power & Light	DE	1%	
27	Atlantic City Electric	NJ	1%	
28	Bangor Hydro Electric Co.	ME	1%	
28	Central Maine Power Co.	ME	1%	
30	PECO Energy Co.	PA	0%	
31	Delmarva Power & Light	MD	0%	
32	Narragansett Electric Co.	RI	0%	
33	Fitchburg Gas & Electric	MA	0%	
34	Detroit Edison	MI	0%	
35	AmerenCILCO	IL	0%	
35	AmerenCIPS	IL	0%	
35	Commonwealth Edison	IL	0%	
35	Illinois Power	IL	0%	
35	MidAmerican Energy Company	IL	0%	
35	Allegheny (Potomac Edison, Monongahela)	MD	0%	
35	Consumers Energy	MI	0%	
35	Rockland Electric	NJ	0%	
35	Columbus Southern Power Co.	OH	0%	
35	Dayton Power & Light	OH	0%	
35	Ohio Power Company	OH	0%	
35	Allegheny Power (West Penn Power)	PA	0%	
35	Met Ed / Penelec	PA	0%	
35	Pennsylvania Power & Light	PA	0%	
35	Pennsylvania Power Co.	PA	0%	

Notes:
Some differences exist in how jurisdictions define customer groups and in how they measure customer shopping.

_a/ Assigned to Texas PTB provider with natural gas price fuel factor index.
_b/ Customer referral program.
_c/ Opt-out customer assignment program.

Source: State websites; Duquesne figures based on Company billed kWh as of January 2007.

U.S. Retail Access Shopping Statistics

Small Customer Load				
Rank	Utility	State	Migration Rate	Notes
1	AEP Texas Central Company	TX	85%	_a/
2	AEP Texas North Company	TX	80%	_a/
3	TXU	TX	69%	_a/
4	Texas-New Mexico Power	TX	69%	_a/
5	Centerpoint	TX	60%	_a/
6	Potomac Electric Power Co.	MD	56%	
7	Niagara Mohawk Power Corp.	NY	56%	
8	Rochester Gas & Electric	NY	53%	
9	Baltimore Gas & Electric	MD	50%	
10	Consolidated Edison	NY	47%	
11	Orange and Rockland Utilities	NY	47%	_b/
12	New York State Electric & Gas	NY	46%	
13	Western Massachusetts Electric Co.	MA	43%	
14	Bangor Hydro Electric Co.	ME	41%	
14	Central Maine Power Co.	ME	41%	
16	Delmarva Power & Light	MD	38%	
17	Toledo Edison	OH	37%	_c/
18	Massachusetts Electric Co.	MA	36%	
19	NSTAR	MA	36%	_c/
20	Allegheny (Potomac Edison, Monongahela)	MD	35%	
21	Maine Public Service Co.	ME	32%	
22	Commonwealth Edison	IL	31%	
23	Ohio Edison	OH	27%	
24	Detroit Edison	MI	26%	
25	Central Hudson Gas & Electric	NY	24%	
26	Fitchburg Gas & Electric	MA	22%	
27	Duquesne Light Co.	PA	19%	d/
28	Cleveland Electric Illuminating	OH	17%	
29	Dayton Power & Light	OH	12%	
30	Consumers Energy	MI	11%	
31	PECO Energy Co.	PA	10%	
32	Narragansett Electric Co.	RI	10%	
33	Cincinnati Gas & Electric	OH	8%	
34	Pennsylvania Power Co.	PA	3%	
35	Illinois Power	IL	3%	
36	JCP&L	NJ	2%	
37	Columbus Southern Power Co.	OH	2%	
38	PSEG	NJ	1%	
39	Atlantic City Electric	NJ	1%	
40	AmerenCIPS	IL	1%	
41	AmerenCILCO	IL	0%	
42	Pennsylvania Power & Light	PA	0%	
42	MidAmerican Energy Company	IL	0%	
42	Rockland Electric	NJ	0%	
42	Ohio Power Company	OH	0%	
42	Allegheny Power (West Penn Power)	PA	0%	
42	Met Ed / Penelec	PA	0%	

Notes:
 Some differences exist in how jurisdictions define customer groups in terms of size and type, and in how they measure customer shopping.
 _a/ Assigned to Texas PTB provider with natural gas price fuel factor index.
 _b/ Customer referral program.
 _c/ Opt-out customer assignment program.
 _d/ Duquesne figures for small C&I customers <300 kW (billed kWh as of January 2007). OCA reports 49% shopping for all commercial customers in Duquesne's service area as of January 2007. The OCA's figure is comparable to those reported for other Pennsylvania utilities.

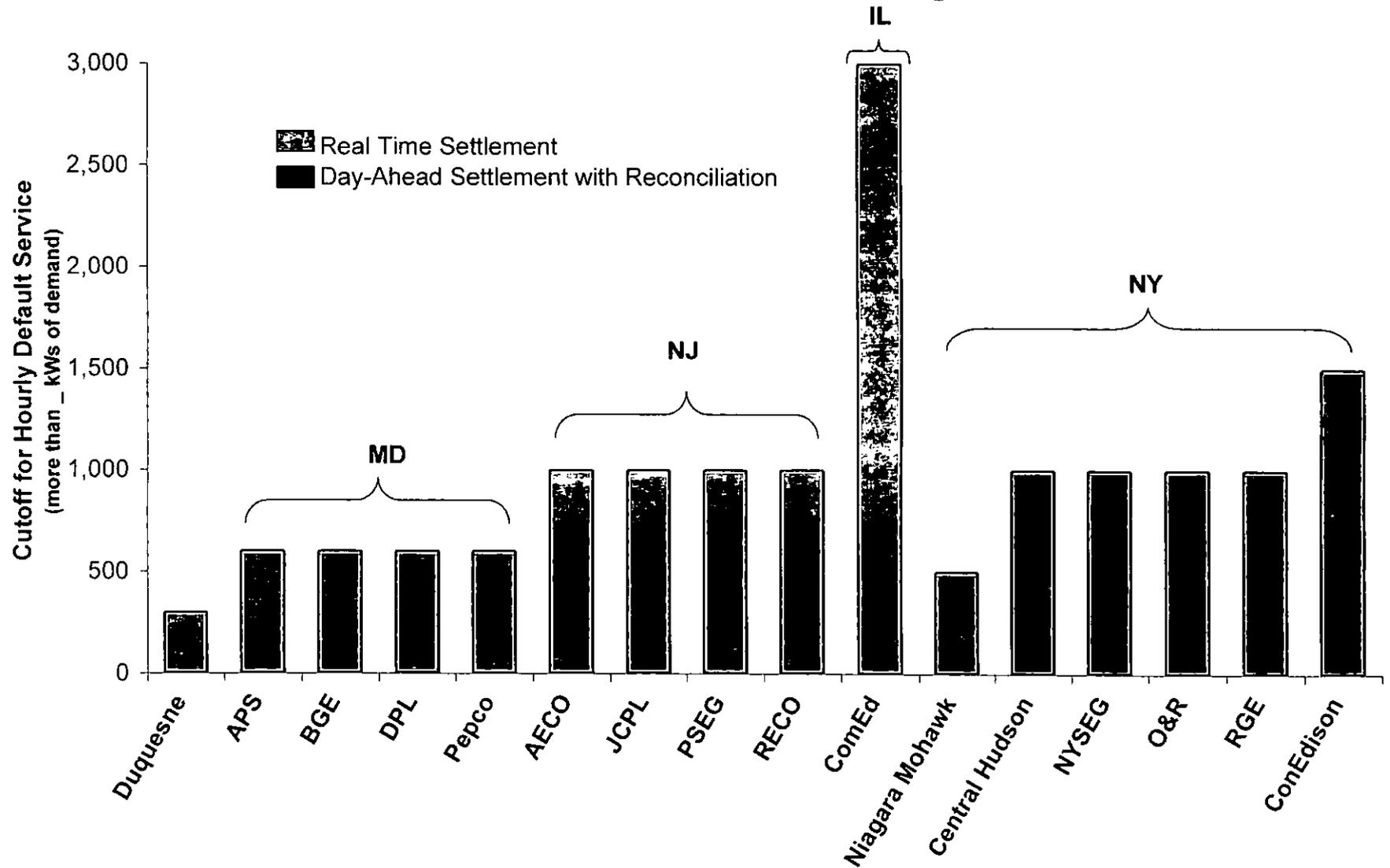
Source: State websites.

U.S. Retail Access Shopping Statistics

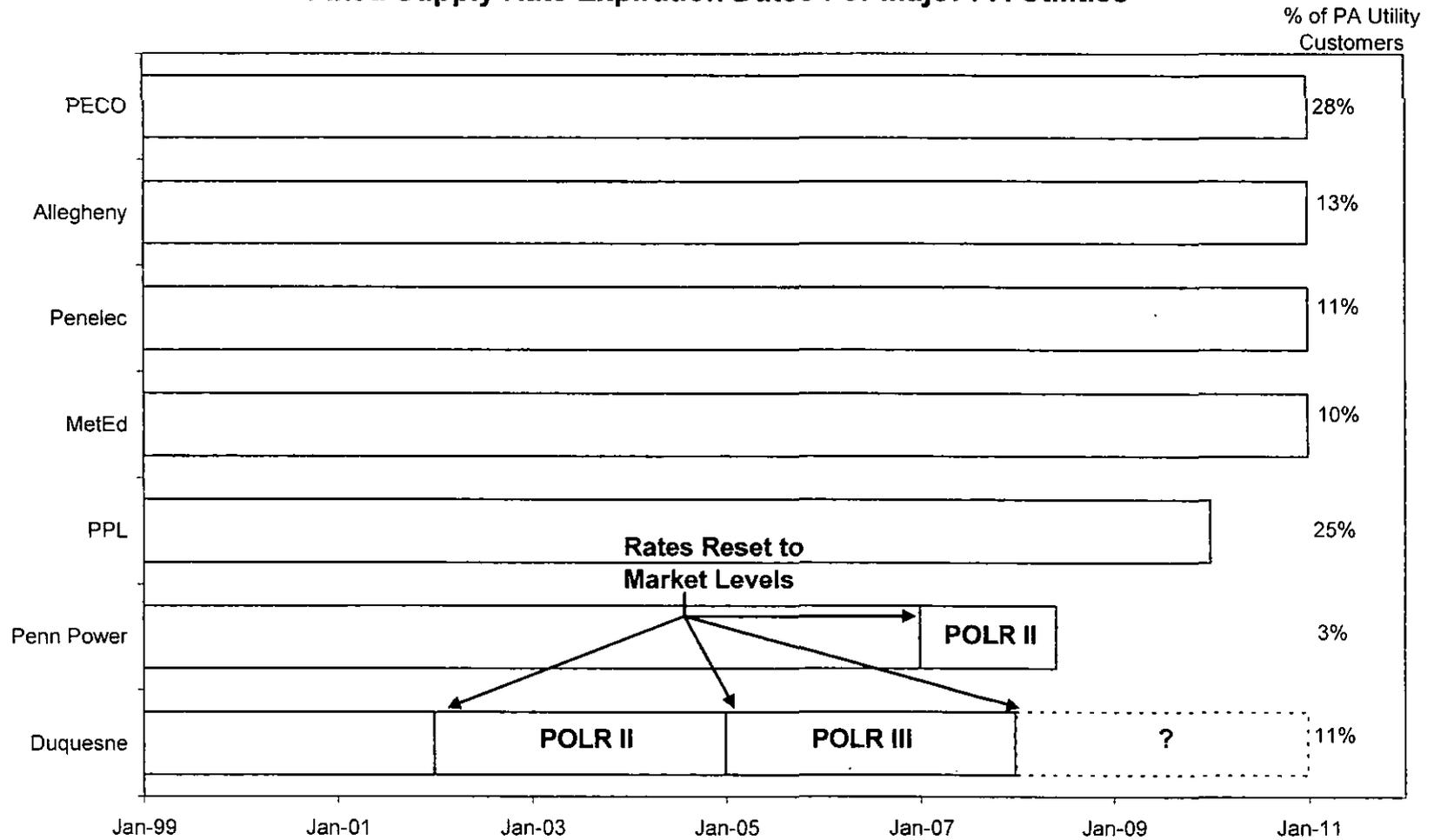
Large Customer Load				
Rank	Utility	State	Migration Rate	Notes
1	Duquesne Light Co.	PA	98%	a/
2	Baltimore Gas & Electric	MD	95%	
3	Atlantic City Electric	NJ	94%	
4	Fitchburg Gas & Electric	MA	94%	
5	Delmarva Power & Light	MD	94%	
6	Potomac Electric Power Co.	MD	93%	
7	Allegheny (Potomac Edison, Monongahela)	MD	92%	
8	Western Massachusetts Electric Co.	MA	92%	
9	Bangor Hydro Electric Co.	ME	91%	
9	Consolidated Edison	NY	91%	
11	Central Maine Power Co.	ME	90%	
12	Maine Public Service Co.	ME	88%	
13	JCP&L	NJ	86%	
14	Massachusetts Electric Co.	MA	86%	
15	PSEG	NJ	85%	
16	Central Hudson Gas & Electric	NY	82%	
17	NSTAR	MA	82%	
18	Rockland Electric	NJ	79%	
19	New York State Electric & Gas	NY	69%	
20	Niagara Mohawk Power Corp.	NY	66%	
21	Dayton Power & Light	OH	61%	
22	Rochester Gas & Electric	NY	61%	
23	Commonwealth Edison	IL	59%	
24	Narragansett Electric Co.	RI	42%	
25	Orange and Rockland Utilities	NY	39%	
26	AmerenCILCO	IL	33%	
27	Consumers Energy	MI	22%	
28	Ohio Edison	OH	18%	
29	Detroit Edison	MI	13%	
30	Pennsylvania Power Co.	PA	12%	
31	Cleveland Electric Illuminating	OH	11%	
32	Illinois Power	IL	11%	
33	Met Ed / Penelec	PA	7%	
34	AmerenCIPS	IL	2%	
35	Toledo Edison	OH	2%	
36	Cincinnati Gas & Electric	OH	0%	
37	PECO Energy Co.	PA	0%	
38	MidAmerican Energy Company	IL	0%	
38	Columbus Southern Power Co.	OH	0%	
38	Ohio Power Company	OH	0%	
38	Allegheny Power (West Penn Power)	PA	0%	
38	Pennsylvania Power & Light	PA	0%	

Notes:
Some differences exist in how jurisdictions define customer groups in terms of size and type, and in how they measure customer shopping.
Texas reports do not show shopping by service area for large C&I customers, but reports that primary and transmission voltage level customers, which tend to be large customers with a demand greater than 1 MW, have 68% of the MWh sold to this class provided by non-affiliated retail electric providers.
_a/ Duquesne figures for large C&I customers >300 kW (billed kWh as of January 2007). OCA reports 86% shopping for all industrial customers in Duquesne's service area as of January 2007. The OCA's figure is comparable to those reported for other Pennsylvania utilities.
Source: State websites.

Utilities with Hourly Price Default Service for Large C&I Customers

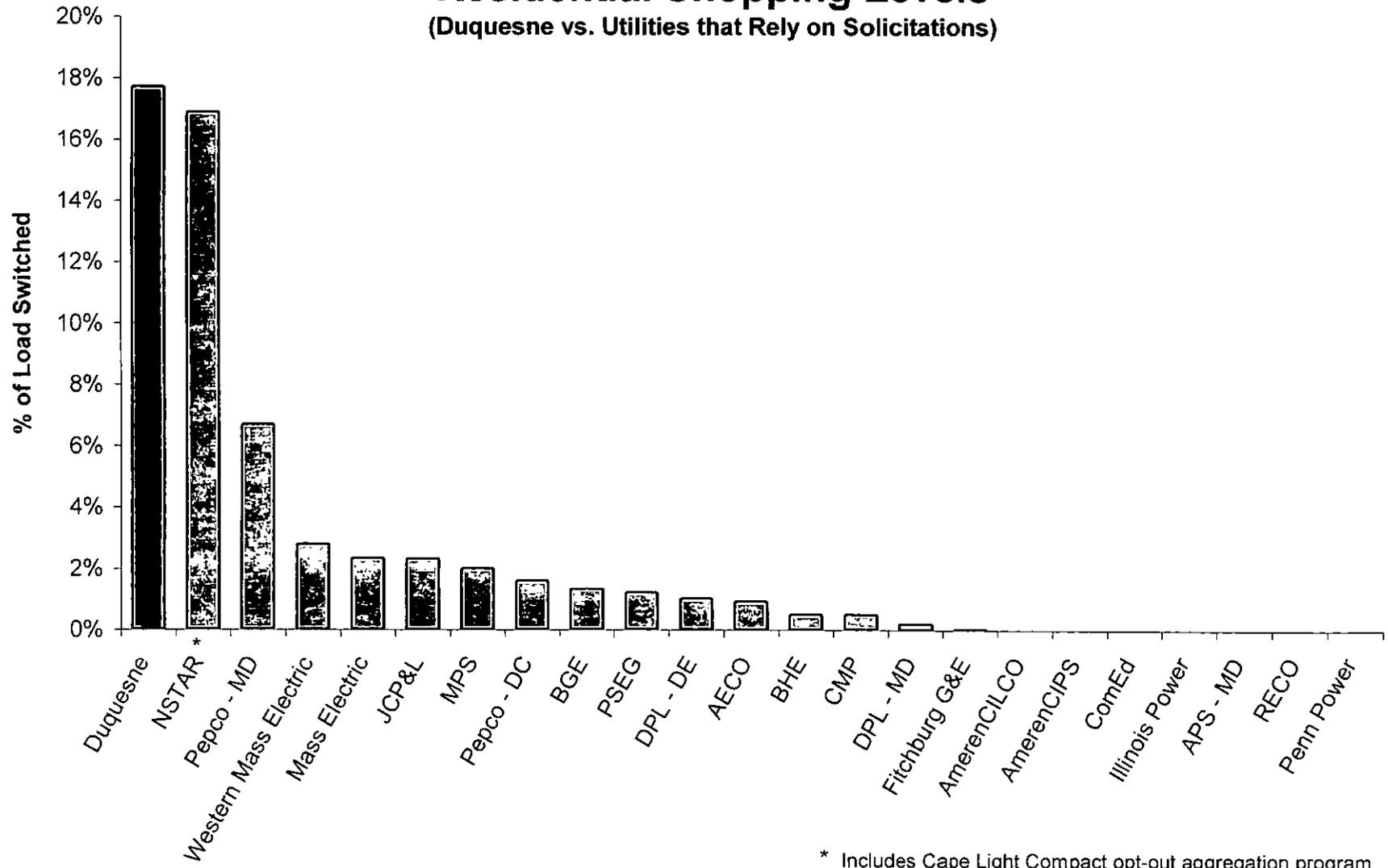


Fixed Supply Rate Expiration Dates For Major PA Utilities

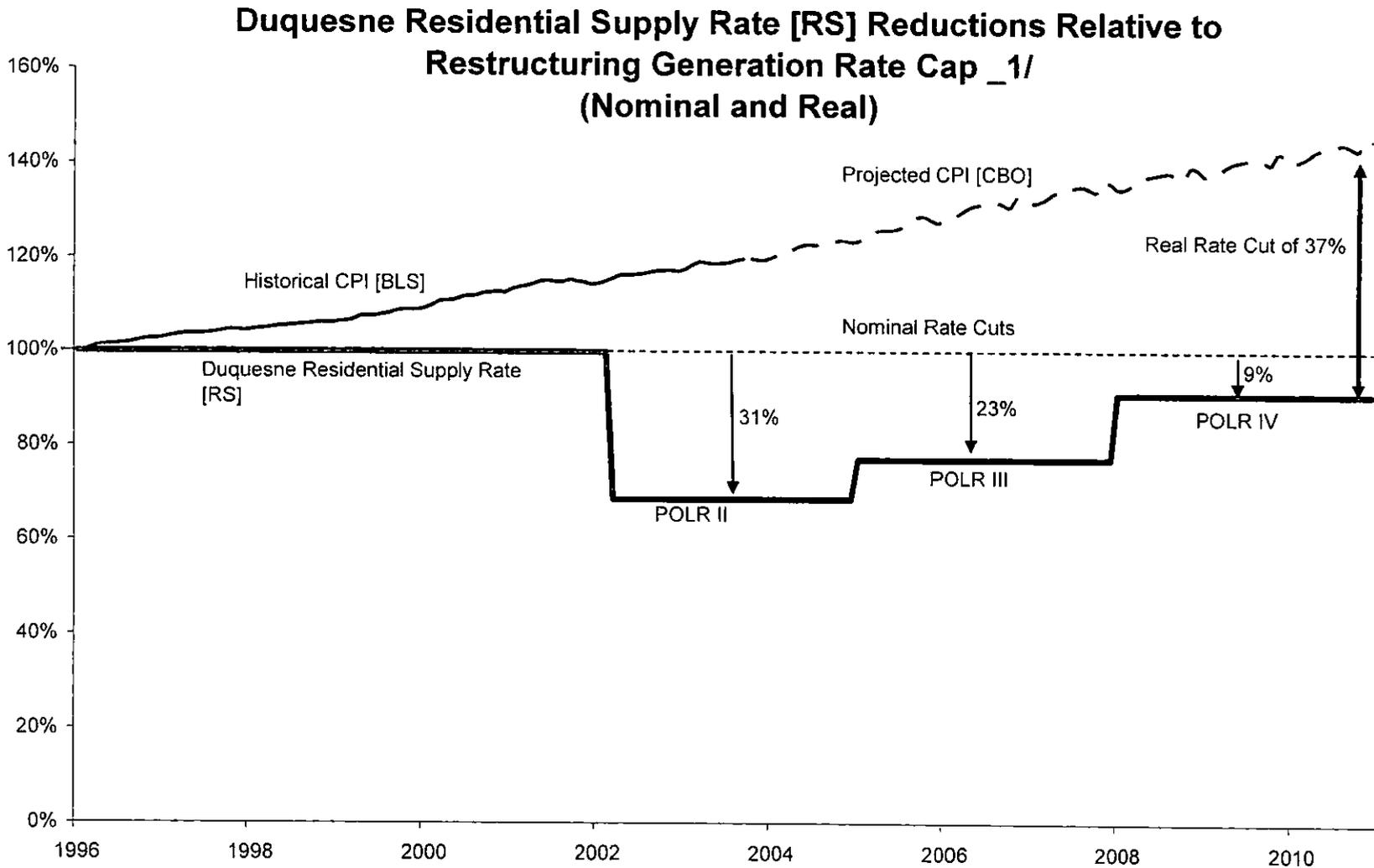


Source: Numbers of customers served from 2005 FERC Form 1.

Residential Shopping Levels (Duquesne vs. Utilities that Rely on Solicitations)



* Includes Cape Light Compact opt-out aggregation program.



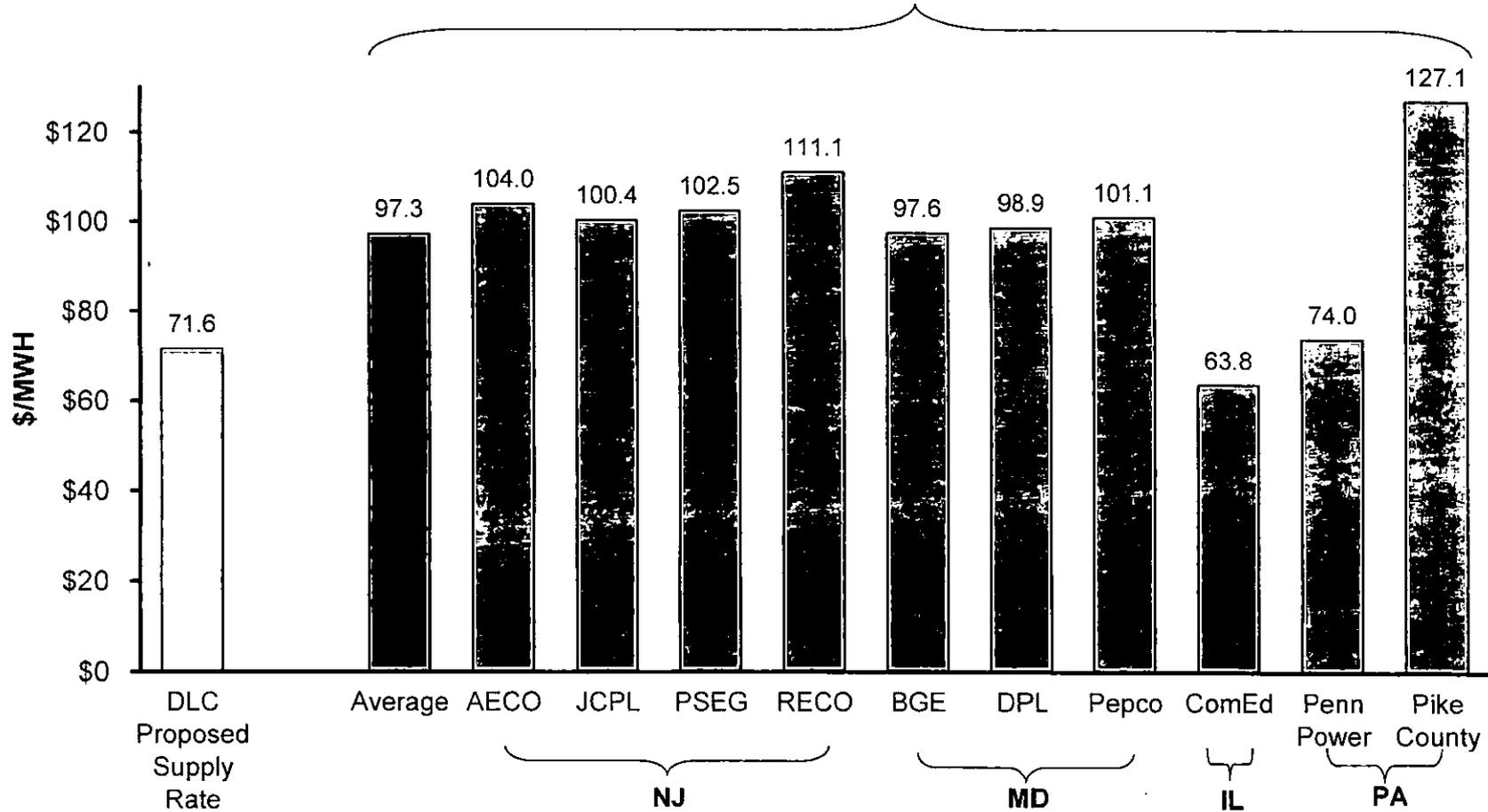
_1/ Duquesne's pre-restructuring rates were established in a 1987 rate case and are adjusted for GRT @ 5.9%. POLR IV supply rates have been adjusted to include ancillary services and the PJM surcharge. POLR IV rates also cover new costs associated with PJM-RPM and renewable portfolio standards.

SOLICITATIONS REVIEWED

Utility Solicitation	Term	Customer Class	C&I Breakdown	Date
<u>New Jersey</u>				
AECO	36 Months	Residential and Small C&I	up to 1250 kW	2/7/2006
JCPL	36 Months	Residential and Small C&I	up to 1250 kW	2/7/2006
PSEG	36 Months	Residential and Small C&I	up to 1250 kW	2/7/2006
RECO	36 Months	Residential and Small C&I	up to 1250 kW	2/7/2006
<u>Maryland</u>				
BGE	11,23,35 Months	Residential		12/5/05, 1/23/06, 2/21/06
BGE	12,24 Months	Type I C&I	up to 60 kW	12/5/05, 1/23/06, 2/21/06
BGE	12 Months	Type II-B C&I	60-100 kW	12/5/05, 1/23/06, 2/21/06
APS	12,24 Months	Type I C&I	up to 50 kW	12/5/05, 1/23/06, 2/21/06
DPL	12,24 Months	Residential		12/5/05, 1/23/06, 2/21/06
DPL	12,24 Months	Type I C&I	up to 60 kW	12/5/05, 1/23/06, 2/21/06
Pepco	12,24 Months	Residential		12/5/05, 1/23/06, 2/21/06
Pepco	12,24 Months	Type I C&I	up to 25 kW	12/5/05, 1/23/06, 2/21/06
Pepco	12 Months	Type II-B C&I	25-100 kW	12/5/05, 1/23/06, 2/21/06
<u>ComEd</u>				
ComEd	17 Months	Residential and Small C&I	up to 400 kW	9/8/2006
ComEd	29 Months	Residential and Small C&I	up to 400 kW	9/8/2006
ComEd	41 Months	Residential and Small C&I	up to 400 kW	9/8/2006
<u>Pennsylvania</u>				
Penn Power	17 Months	Residential		5/31/06, 7/18/06
Penn Power	17 Months	Small C&I	All Secondary Voltages	5/31/06, 7/18/06
Pike County	19 Months	Residential and C&I	All Secondary Voltages	4/26/2006
Duquesne's Default Service Plan				
<u>DUQUESNE</u>				
	36 Months	Residential		Jan-07
	12 Months	Small C&I	up to 300 kW	Jan-07

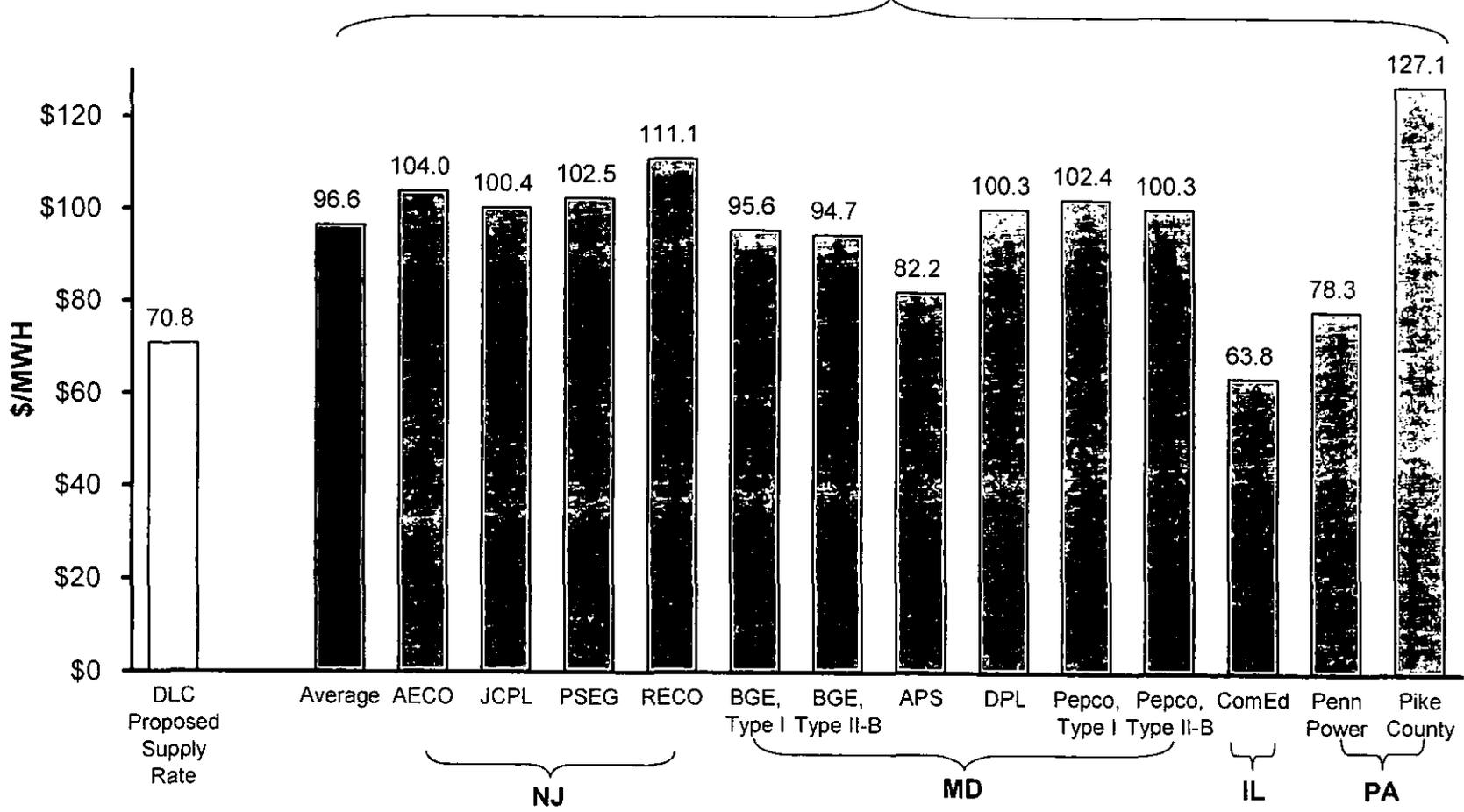
Duquesne's Proposed Rate vs. Winning Bid Prices (Residential)

Winning Bid Prices From Recent Solicitations (including residential)



Duquesne's Proposed Rate vs. Winning Bid Prices (Small C&I)

Winning Bid Prices From Recent Solicitations (including small C&I)



Key Definitional Differences: Solicitations vs. Duquesne's Supply Rates

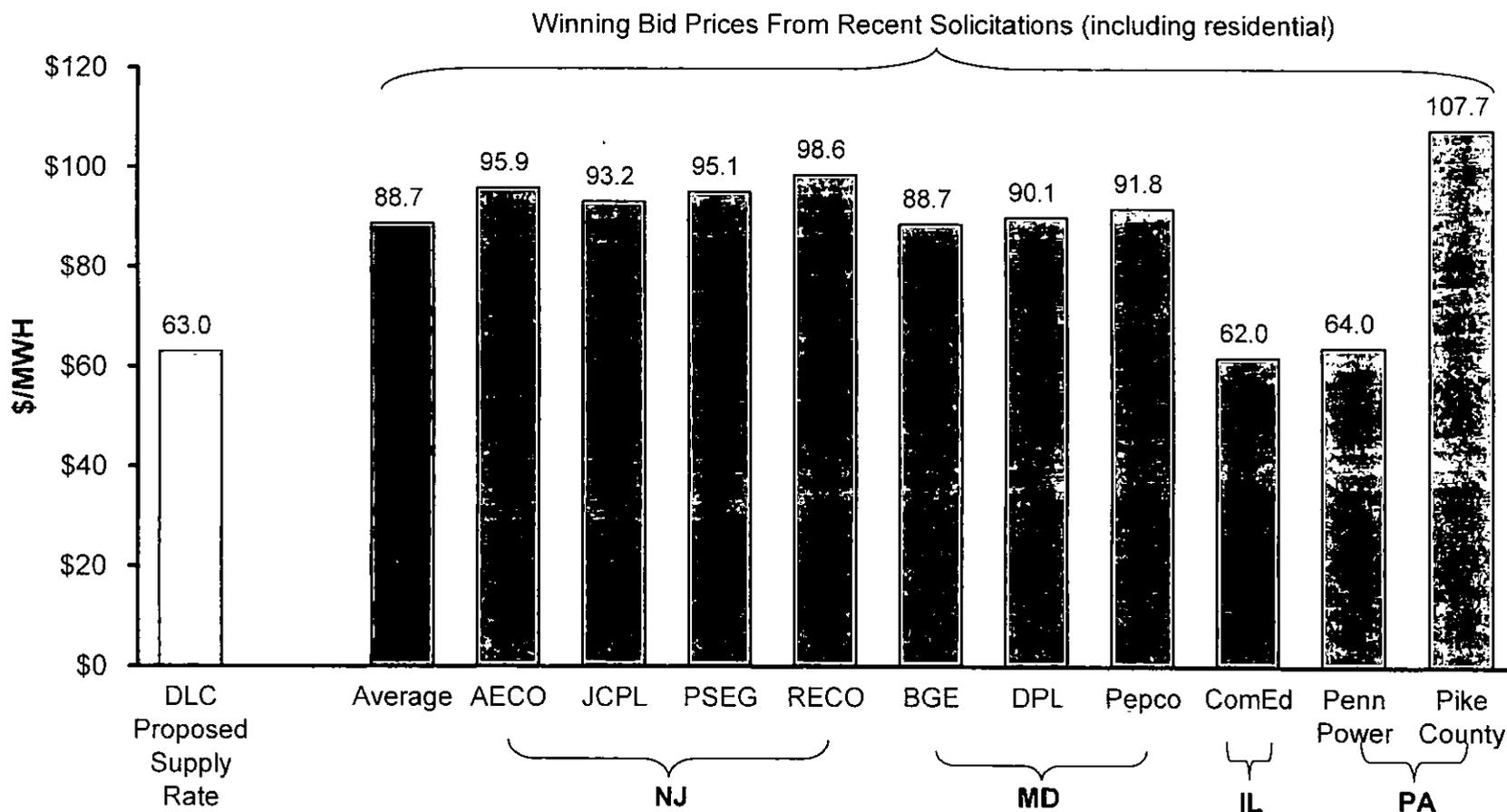
Utility Solicitation Bids	Components Included In Solicitation				Definitional Adjustments <u>a/</u>
	Line Losses	Network Transmission	Ancillary Services <u>b/</u>	Gross Receipts Taxes	
<u>New Jersey</u>					
AECO	No	Yes	Yes	No	Transmission and ancillary services were subtracted from bid prices.
JCPL	No	Yes	Yes	No	
PSEG	No	Yes	Yes	No	
RECO	No	Yes	Yes	No	
<u>Maryland</u>					
BGE	Yes	No	Yes	No	Line losses and ancillary services were subtracted from bid prices.
DPL	Yes	No	Yes	No	
Peppco	Yes	No	Yes	No	
<u>Illinois</u>					
ComEd	No	No	Yes	No	Ancillary services were subtracted from bid prices.
<u>Pennsylvania</u>					
Penn Power	No	Yes	Yes	No	Transmission and ancillary services were subtracted from bid prices.
Pike County <u>c/</u>	Yes	No	Yes	Yes	Line losses, ancillary services and GRT were subtracted from retail rates.
Duquesne's Supply Rates					
Duquesne	Yes	No	No	Yes	Line losses and GRT were subtracted from retail rates.

a/ When available, values for each component were based on data specific to each utility.

b/ Including RTO administrative costs.

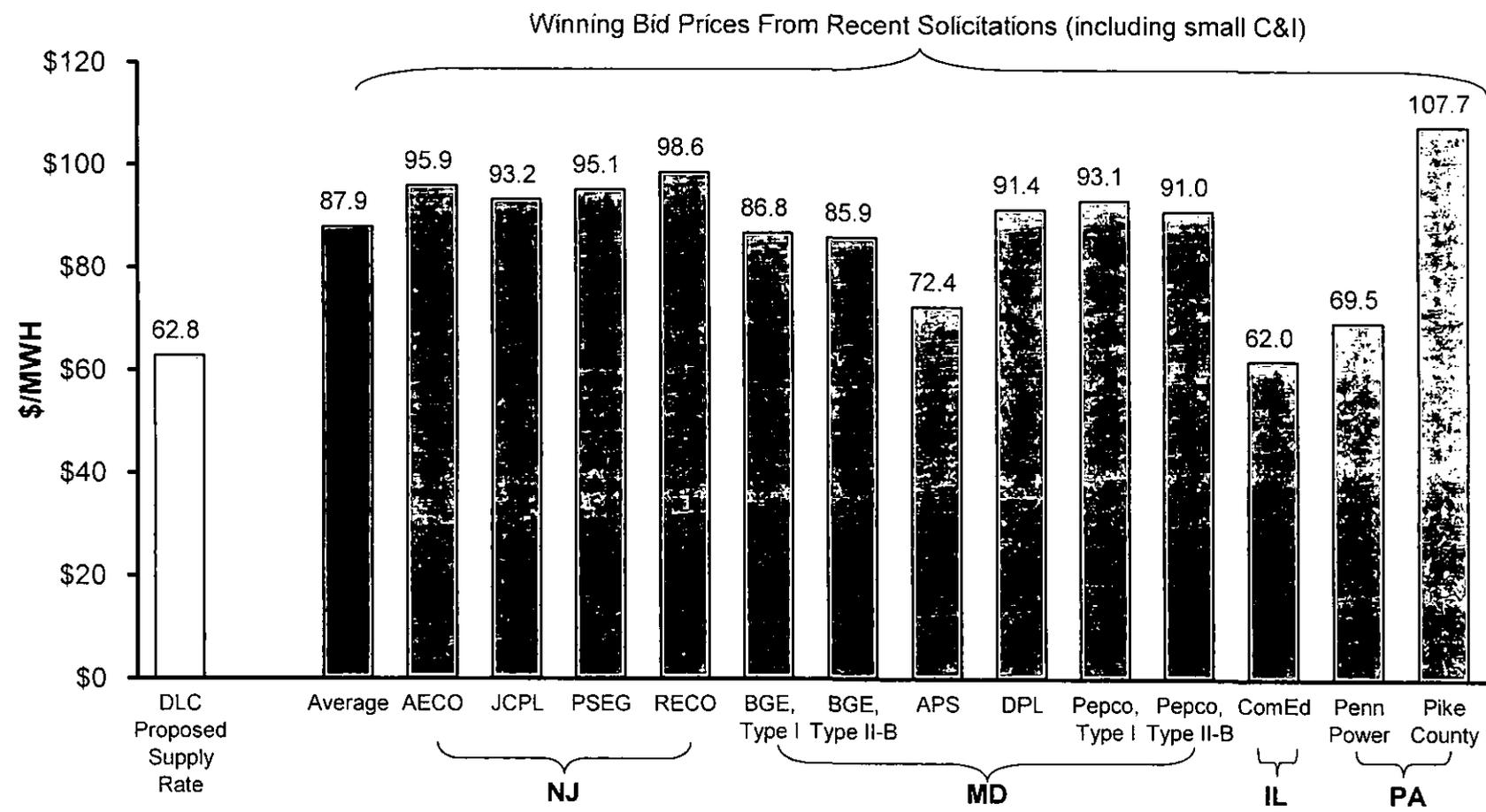
c/ For Pike County, the retail rates resulting from the solicitation in April 2006 were used.

**Duquesne's Proposed Rate vs. Winning Bid Prices (Residential)
Adjusted for Definitional Differences**

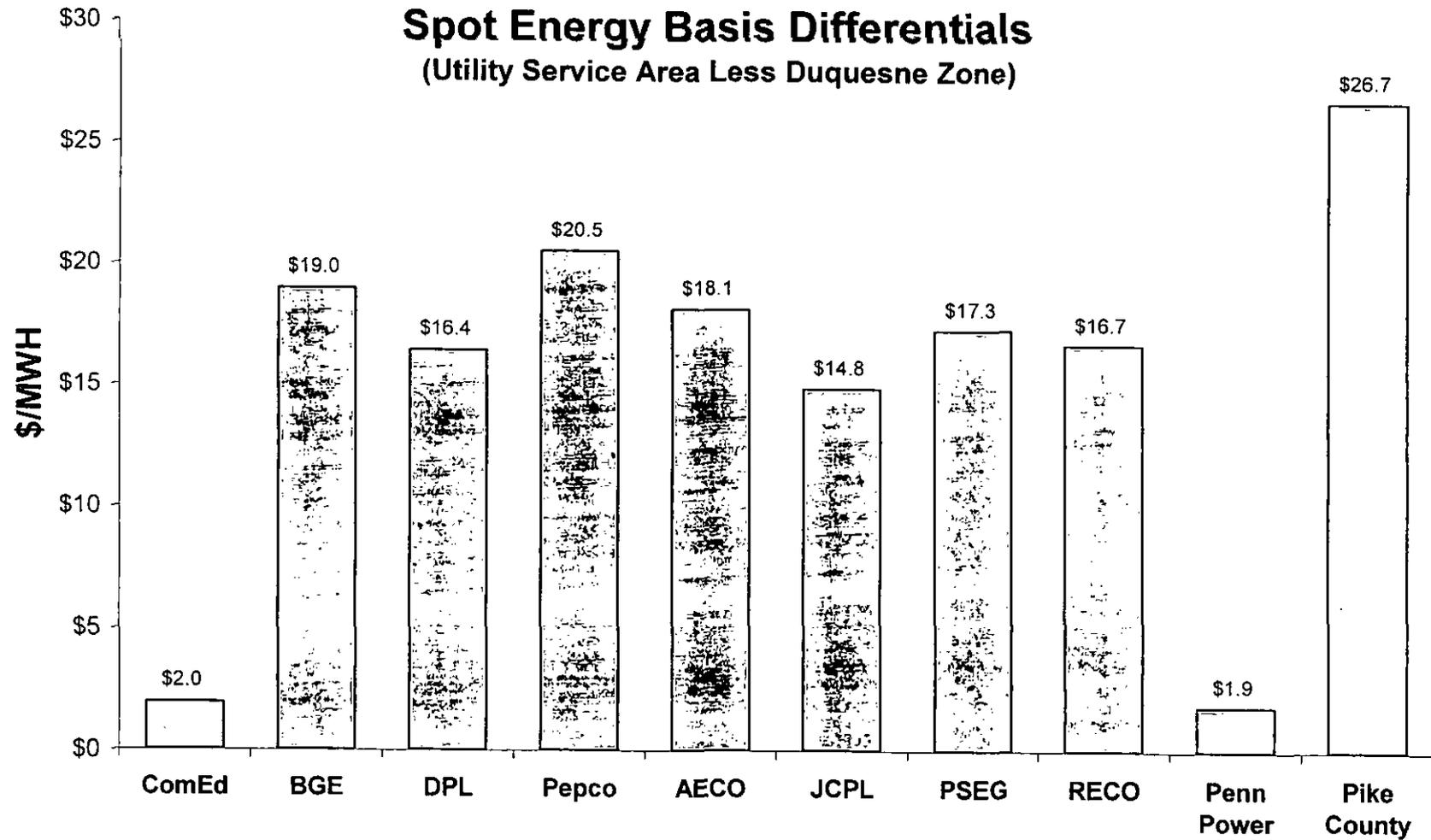


Note: Prices do not include transmission, ancillary services, line losses or GRT. Some solicitations also included small C&I customers.

**Duquesne's Proposed Rate vs. Winning Bid Prices (Small C&I)
Adjusted for Definitional Differences**

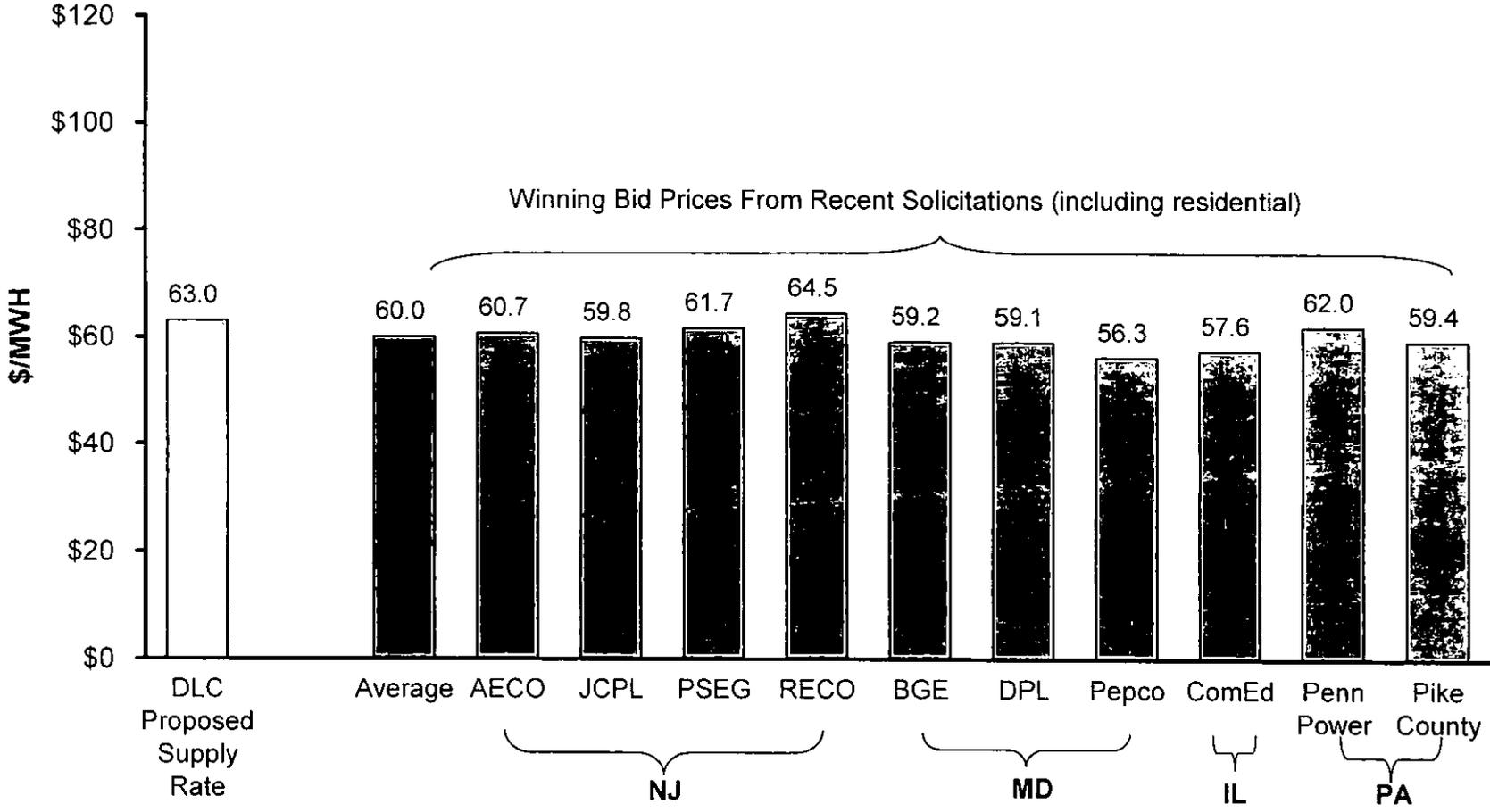


Note: Prices do not include transmission, ancillary services, line losses or GRT. Some solicitations also included residential customers.



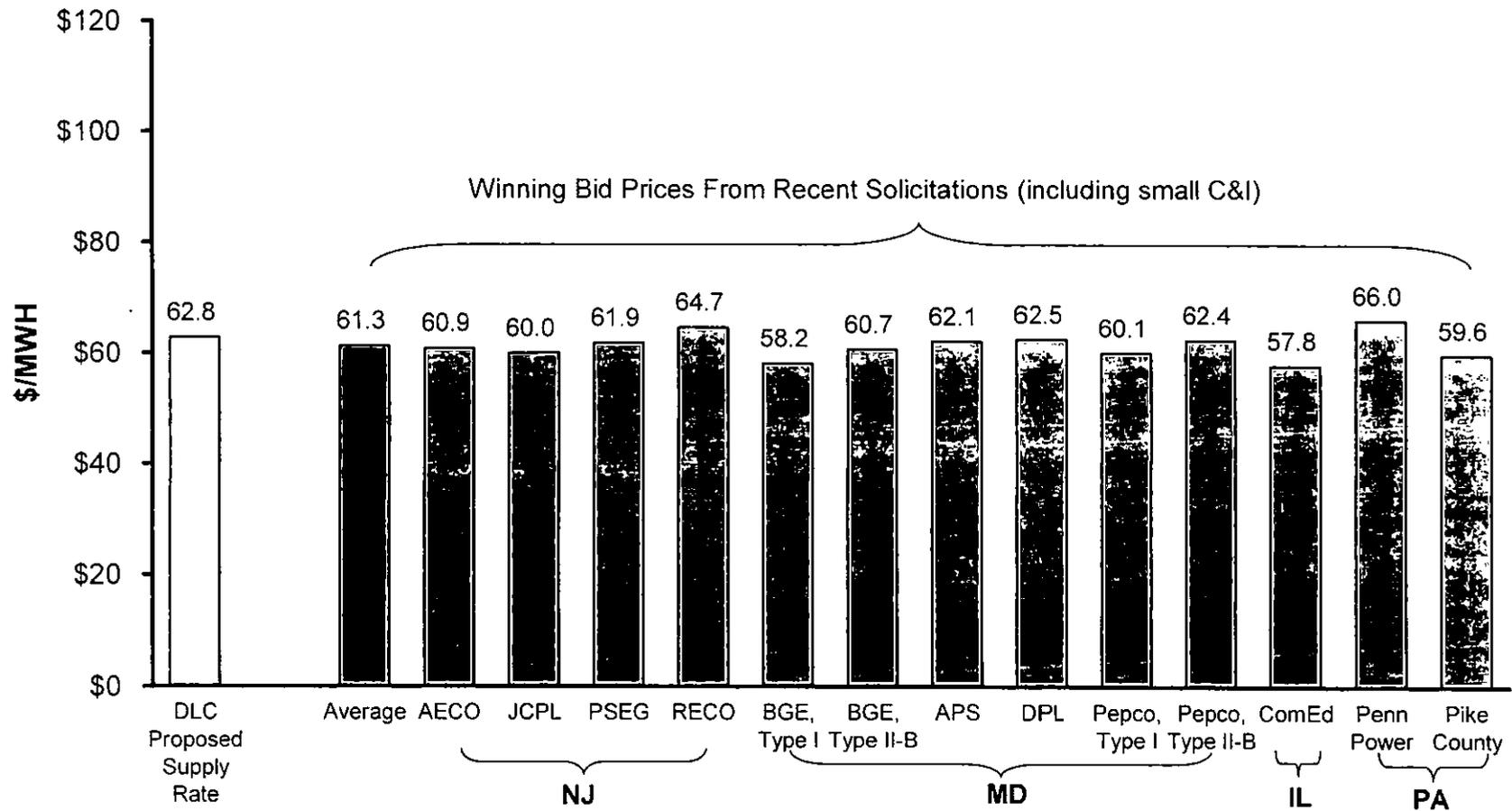
Note: Twelve months ending October 31, 2006.

Duquesne's Proposed Rate vs. Winning Bid Prices (Residential) Adjusted for Definitional, Locational and Timing Differences



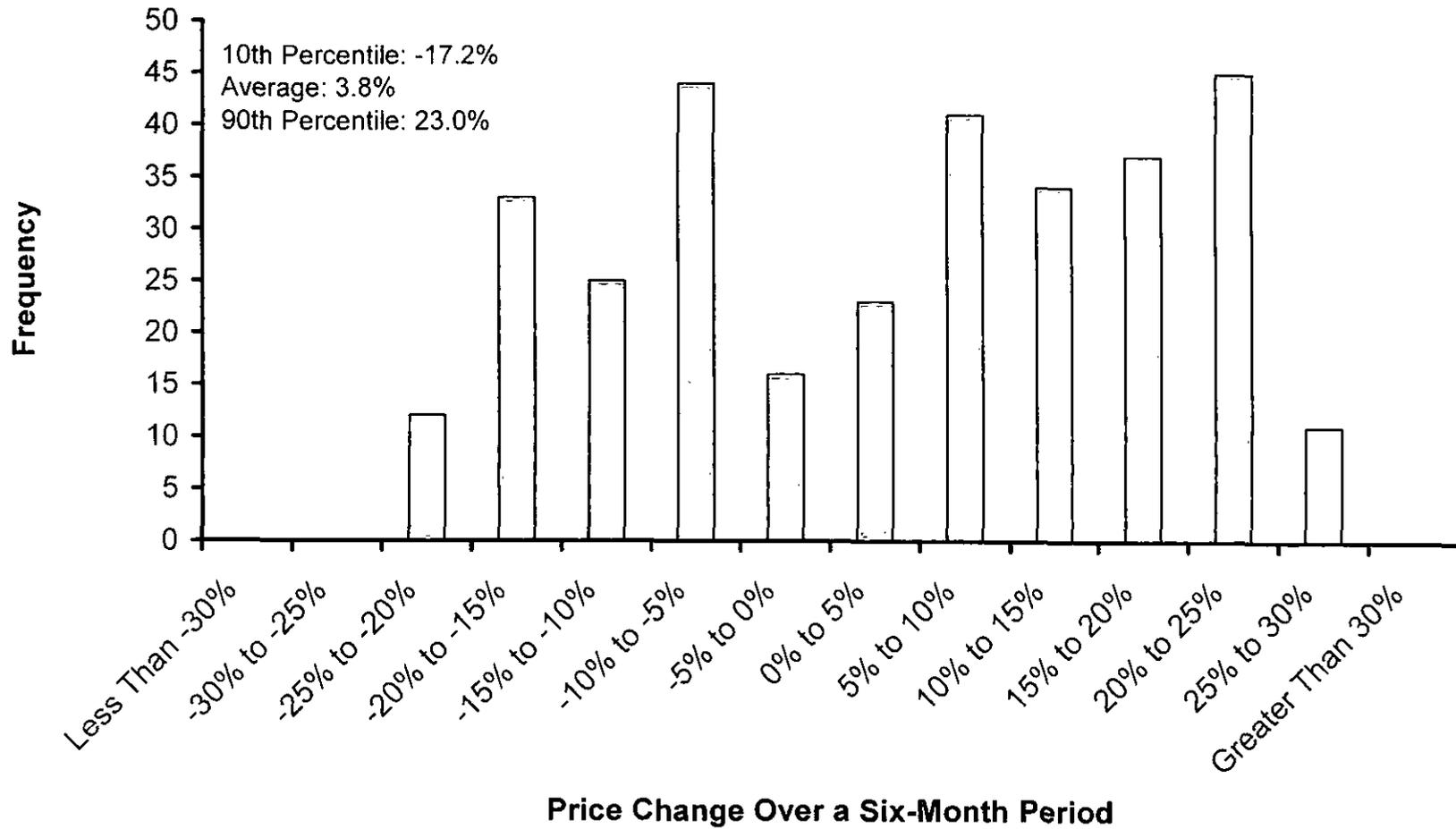
Note: Prices do not include transmission, ancillary services, line losses or GRT.

**Duquesne's Proposed Rate vs. Winning Bid Prices (Small C&I)
Adjusted for Definitional, Locational and Timing Differences**



Note: Prices do not include transmission, ancillary services, line losses or GRT.

Historical Six-Month Percentage Changes In The PJM Western Hub 2007 ATC Electricity Futures Price



Total Average Supply Rates By Customer Class

(\$/MWH)

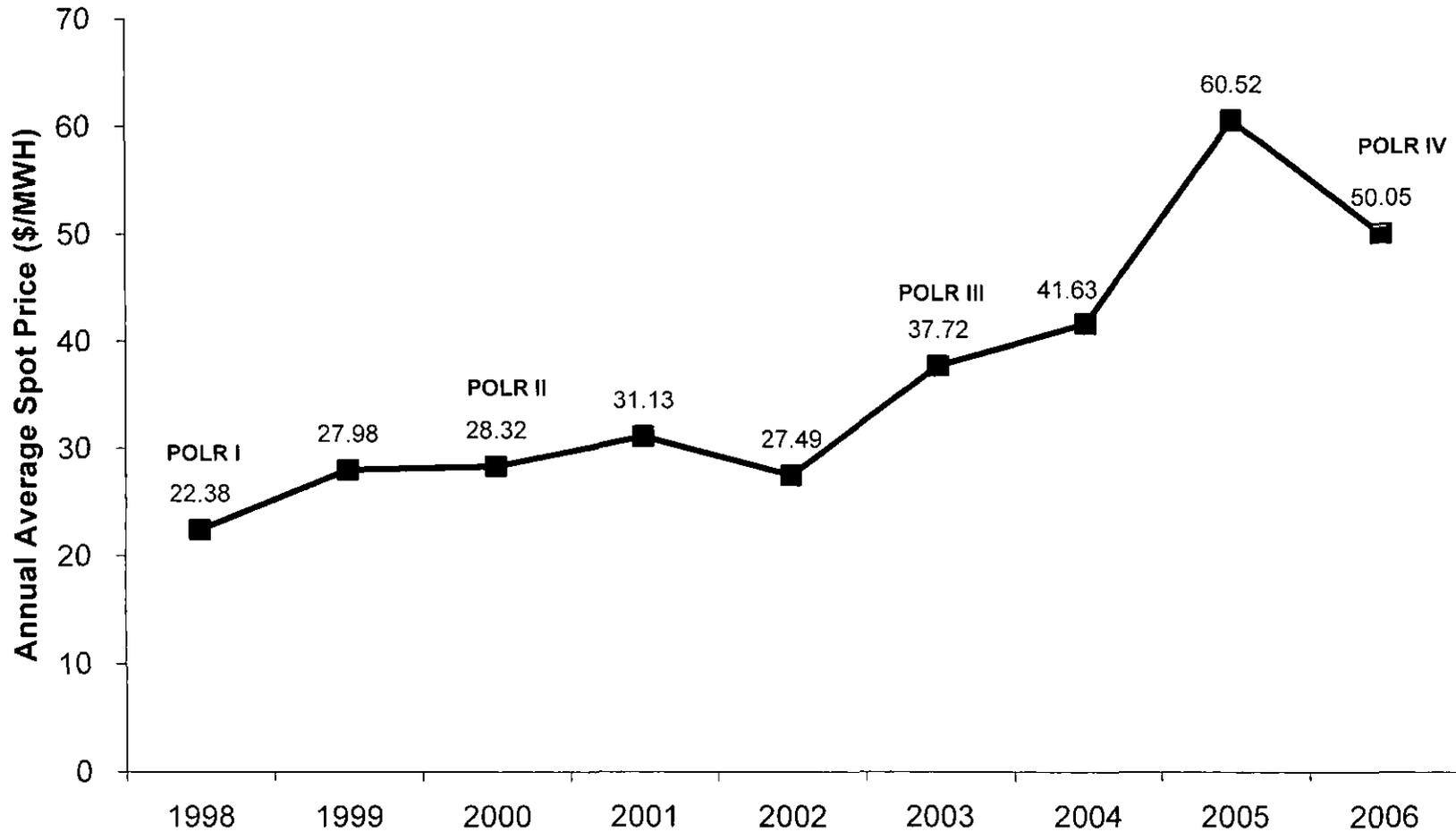
	Residential	Small C&I	Lighting	Unmetered Lighting
Average of Recent Solicitations	60.02 <u>a/</u>	61.30 <u>a/</u>	49.16 <u>b/</u>	56.17 <u>b/</u>
Regulatory Review Period Risk	3.00	1.50	3.00	3.00
Line Losses	4.32	3.85	3.57	4.05
GRT	<u>4.22</u>	<u>4.18</u>	<u>3.49</u>	<u>3.96</u>
Total Average Supply Rate <u>c/</u>	71.56	70.83	59.23	67.18

a/ From Exhibit NSF-11.

b/ The lighting and unmetered lighting averages are based on the results of the competitive solicitations (including small C&I customers) adjusted for the differences in the consumption patterns and capacity obligations of Duquesne's lighting customers.

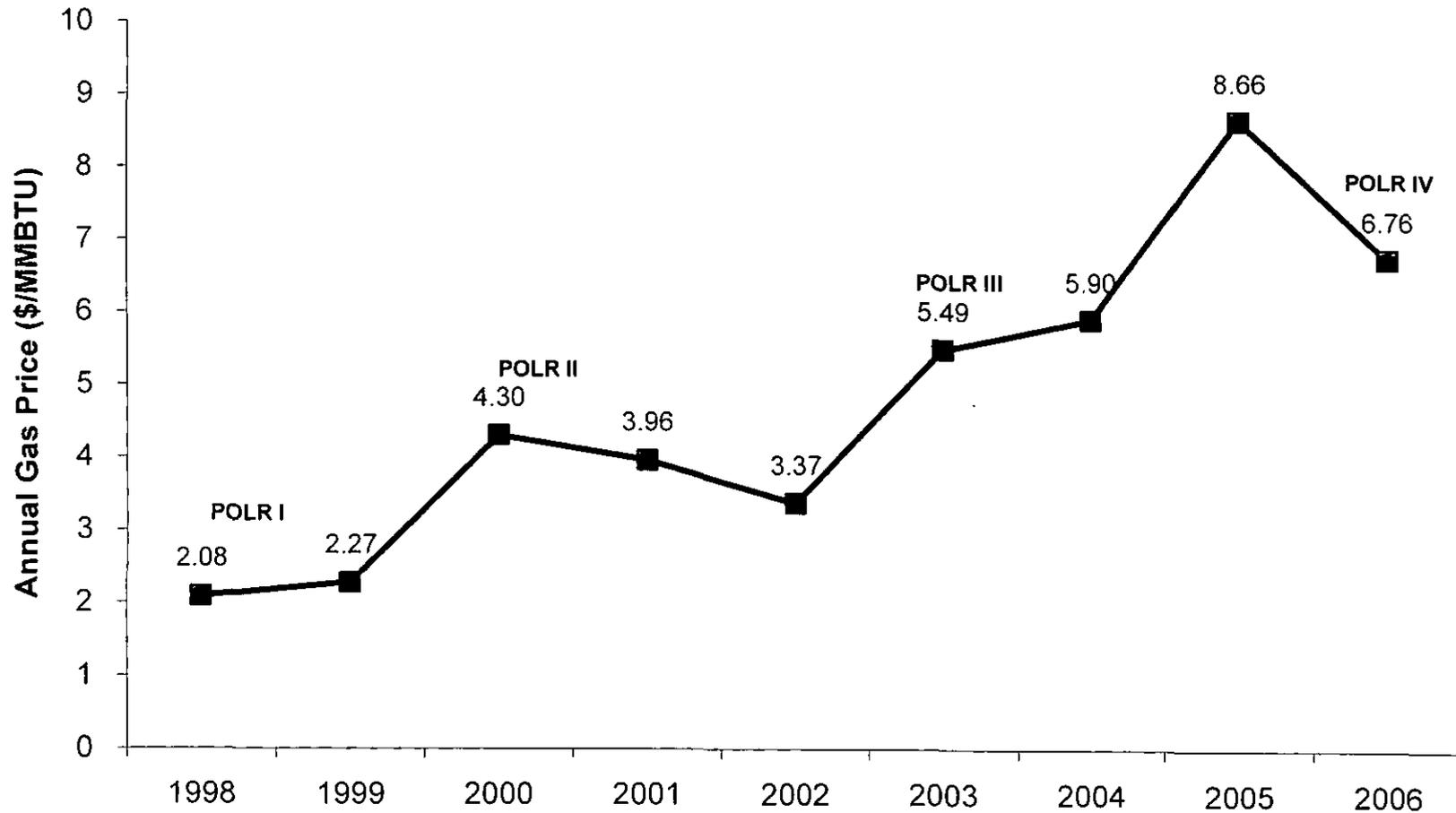
c/ Rates for heating customers will be phased in over a three year period.

PJM Western Hub Annual Average Spot Prices



Sources and Notes: Data from April 1, 1998 to December 31, 2006 taken directly from PJM Day-Ahead market results. For the 1998 data point, a time weighted average of peak and off-peak market results reported on Bloomberg L.P. is used to derive PJMW Hub data for the January 1, 1998 to March 31, 1998 period.

Natural Gas Henry Hub Prices



Source: Bloomberg, L.P and Enerfax. Daily close of natural gas spot price for Henry Hub, Louisiana.

Annual Market Price Adjustment Methodology for Small C&I Rates

In order to determine the final retail supply rates effective January 1, 2009 through December 31, 2010 for the GS, GM and GMH rate schedules, a "Market Price Multiplier" will be calculated and applied to the supply rates shown in Exhibit WVP-1. Separate Market Price Multipliers will be calculated for calendar year 2009 and calendar year 2010, and each will be based on changes in wholesale electricity futures prices after January 10, 2007. Duquesne has calculated the wholesale electricity futures prices for calendar years 2009 and 2010 as of January 10, 2007 ("Base Index Price"). Market price changes from those Base Index Prices will be measured as of the first day in October prior to the start of the applicable calendar year. For example, on October 1, 2008, Duquesne will calculate a Market Price Multiplier for calendar year 2009, based on 2009 futures prices visible in the marketplace. The Market Price Multiplier for a given calendar year will be calculated as follows:

$$\text{Market Price Multiplier} = (\text{Index Price} / \text{Base Index Price})$$

The Index Price for calendar year 2009 will be calculated as follows:

1. Duquesne will calculate the simple average of the 12 monthly financially-settled on-peak PJM Northern Illinois Hub ("NIHUB") electricity futures contract prices reported by the New York Mercantile Exchange ("NYMEX") for January through December 2009 as of each of the 20 trading days immediately preceding October 1, 2008.
2. Duquesne will calculate the simple average of the 12 monthly financially-settled off-peak NIHUB electricity futures contract prices reported by NYMEX for January through December 2009 as of each of the 20 trading days immediately preceding October 1, 2008.
3. Duquesne will calculate the simple average of the 20 calendar year 2009 on-peak futures prices calculated in Step #1 above.
4. Duquesne will calculate the simple average of the 20 calendar year 2009 off-peak futures prices calculated in Step #2 above.
5. The resulting on-peak futures price calculated in Step #3 above, and the resulting off-peak futures price calculated in Step #4 above, will then each be adjusted by multiplying the price by the corresponding on-peak or off-peak basis differential factor as measured over the most recent 12 calendar months. For either the on-peak or off-peak period, the basis differential factor will be calculated as the simple average of the Duquesne Zone locational marginal energy prices divided by the simple average of the NIHUB locational marginal energy prices. For the calculation of the on-peak basis differential factor, all locational marginal energy prices during the on-peak period will be used. For the calculation of the off-peak basis differential factor, all locational marginal energy prices during the off-peak period will be used.
6. The resulting on-peak and off-peak futures prices will then be weighted by the number of on-peak and off-peak hours during calendar year 2009 to obtain a single Index Price for calendar year 2009.

The same methodology will be used to determine the 2010 Market Price Multiplier, using the applicable data for 2010. The Base Index Price for each of calendar years 2009 and 2010 was calculated using the same methodology, except that futures prices as of the 20 trading days immediately preceding and including January 10, 2007 were used, and locational marginal energy price data from the January 2006 – December 2006 period was used to calculate the basis differential factors. The Base Index Price for 2009 and 2010 and the methodology used to calculate these figures are shown in the attached pages to this exhibit.

The Market Price Multiplier for a given calendar year will be multiplied by the applicable supply rates by rate component within each rate schedule for the GS, GM and GMH supply rates shown in Exhibit WVP-1 to obtain the rates effective during that calendar year. Depending on market price movements, the retail supply rates could be higher or lower than those shown in Exhibit WVP-1.

2009 Base Index Price Calculation

\$/MWH

Step 1: Calculation of Calendar Year 2009 NIHUB On-Peak Futures Prices

* For each trade date, calculated from averages of monthly NYMEX futures prices

Calendar Year 2009 Futures Prices

Trade Date	NIHUB Futures Price
1/10/2007	60.38
1/9/2007	60.25
1/8/2007	59.75
1/5/2007	58.81
1/4/2007	59.31
1/3/2007	59.50
1/2/2007	59.11
12/29/2006	59.11
12/28/2006	59.38
12/27/2006	58.25
12/26/2006	59.22
12/22/2006	59.75
12/21/2006	60.13
12/20/2006	59.44
12/19/2006	60.00
12/18/2006	59.75
12/15/2006	60.88
12/14/2006	61.13
12/13/2006	61.13
12/12/2006	61.00

Step 3: Calculation of Average Calendar Year 2009 NIHUB On-Peak Futures Price

Average	59.81
---------	-------

Step 2: Calculation of Calendar Year 2009 NIHUB Off-Peak Futures Prices

* For each trade date, calculated from averages of monthly NYMEX futures prices

Calendar Year 2009 Futures Prices

Trade Date	NIHUB Futures Price
1/10/2007	34.13
1/9/2007	34.00
1/8/2007	34.13
1/5/2007	34.00
1/4/2007	33.88
1/3/2007	34.25
1/2/2007	33.03
12/29/2006	33.03
12/28/2006	33.00
12/27/2006	33.75
12/26/2006	33.71
12/22/2006	34.00
12/21/2006	34.75
12/20/2006	34.38
12/19/2006	34.75
12/18/2006	34.06
12/15/2006	34.50
12/14/2006	34.50
12/13/2006	34.50
12/12/2006	34.38

Step 4: Calculation of Average Calendar Year 2009 NIHUB Off-Peak Futures Price

Average	34.04
---------	-------

2009 Base Index Price Calculation

Steps 5 & 6: Calculation and Application of Basis Differential Factors, and Final Index Price Calculations

		\$/MWH	
Calculations of Basis Differential Factors		On-Peak	Off-Peak
<u>Average 12-Month Historical Day-Ahead LMPs</u>			
Duquesne Zone		48.72	30.52
NIHUB		51.62	31.76
Basis Differential Factor		0.9438	0.9608

Calculation of Index Price

	On-Peak	Off-Peak	All Hours
NIHUB Futures Price	59.81	34.04	
Basis Differential Factor	0.9438	0.9608	
Resultant Futures Price	56.45	32.70	
Hours	4,096	4,664	
2009 Base Index Price			43.81

from Step 3 and Step 4

Note: The same methodology using updated market price information will be used to calculate the 2009 Index Price as of October 1, 2008.

2010 Base Index Price Calculation

\$/MWH

Step 1: Calculation of Calendar Year 2010 NIHUB On-Peak Futures Prices

* For each trade date, calculated from averages of monthly NYMEX futures prices

Calendar Year 2010 Futures Prices

Trade Date	NIHUB Futures Price
1/10/2007	59.50
1/9/2007	59.75
1/8/2007	59.06
1/5/2007	58.81
1/4/2007	58.94
1/3/2007	59.25
1/2/2007	57.97
12/29/2006	57.97
12/28/2006	58.06
12/27/2006	57.13
12/26/2006	58.47
12/22/2006	59.00
12/21/2006	59.25
12/20/2006	59.00
12/19/2006	58.75
12/18/2006	59.50
12/15/2006	60.13
12/14/2006	60.50
12/13/2006	60.50
12/12/2006	60.13

Step 3: Calculation of Average Calendar Year 2010 NIHUB On-Peak Futures Price

Average	59.08
---------	-------

Step 2: Calculation of Calendar Year 2010 NIHUB On-Peak Futures Prices

* For each trade date, calculated from averages of monthly NYMEX futures prices

Calendar Year 2010 Futures Prices

Trade Date	NIHUB Futures Price
1/10/2007	36.13
1/9/2007	36.30
1/8/2007	36.04
1/5/2007	36.13
1/4/2007	35.81
1/3/2007	35.63
1/2/2007	35.72
12/29/2006	35.72
12/28/2006	35.73
12/27/2006	36.01
12/26/2006	35.16
12/22/2006	35.50
12/21/2006	36.00
12/20/2006	36.00
12/19/2006	36.00
12/18/2006	36.25
12/15/2006	36.50
12/14/2006	36.50
12/13/2006	36.25
12/12/2006	36.50

Step 4: Calculation of Average Calendar Year 2010 NIHUB On-Peak Futures Price

Average	35.99
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2010 Base Index Price Calculation

Steps 5 & 6: Calculation and Application of Basis Differential Factors, and Final Index Price Calculations

\$/MWH

Calculations of Basis Differential Factors

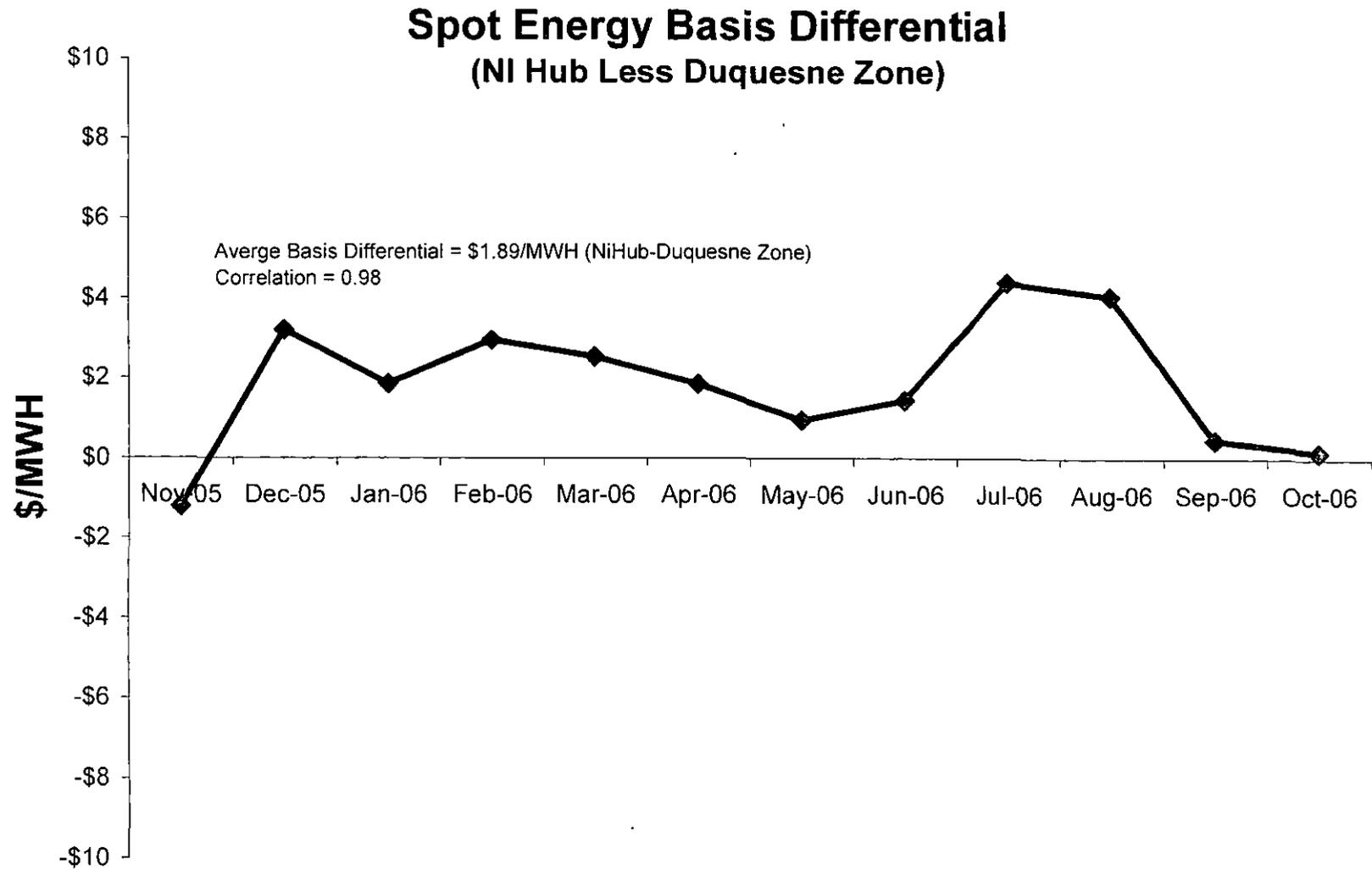
	On-Peak	Off-Peak
<u>Average 12-Month Historical Day-Ahead LMPs</u>		
Duquesne Zone	48.72	30.52
NIHUB	51.62	31.76
Basis Differential Factor	0.9438	0.9608

Calculation of Index Price

	On-Peak	Off-Peak	All Hours
NIHUB Futures Price	59.08	35.99	
Basis Differential Factor	0.9438	0.9608	
Resultant Futures Price	55.76	34.58	
Hours	4,096	4,664	
2010 Base Index Price			44.49

from Step 3 and Step 4

Note: The same methodology using updated market price information will be used to calculate the 2010 Index Price as of October 1, 2009.



Note: Twelve months ending October 31, 2006.

BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION

Petition Of Duquesne Light Company :
For Approval Of Default Service Plan : Docket No. P-_____
For The Period January 1, 2008 :
Through December 31, 2010 :

DIRECT TESTIMONY OF
WILLIAM V. PFROMMER

DOCUMENT
FOLDER

DOCKETED**D**
MAY 08 2007

Dated: January 25, 2007

1 rates to support the implementation of electric utility restructuring and customer
2 choice in Pennsylvania. I also worked at AquaSource, Inc., the previous water
3 and wastewater subsidiary of DQE, Inc. While at AquaSource, I was General
4 Manager of Rates, responsible for analyzing the adequacy of rates, providing
5 direction to regional controllers on all regulatory matters, and maintaining the
6 tariffs in the 12 states where AquaSource had utility operations. I testified before
7 the Pennsylvania Public Utility Commission ("Commission") on rate design
8 matters in the Company's Provider of Last Resort ("POLR") proceeding at Docket
9 P-00032071. I also provided rate design testimony in the form of an affidavit
10 before the Federal Energy Regulatory Commission ("FERC") at Docket No.
11 ER05-85-000 for changes to the PJM Open Access Transmission Tariff ("PJM
12 OATT") to integrate the Company into the PJM Interconnection, L.L.C. ("PJM")
13 markets and tariff effective January 1, 2005. Most recently, I testified in the
14 Company's distribution rate case proceeding at Docket R-00061346. I am a
15 licensed professional engineer in the Commonwealth of Pennsylvania.

16
17 **Q. What is the purpose of your direct testimony regarding the Company's**
18 **request for default service supply rates?**

19 **A.** The purpose of my testimony is to address the following items regarding the
20 Company's proposed default service plan:

- 21 1. Describe the proposed changes to Duquesne's retail rate structure and the
22 rationale for those changes. This will include a description of the
23 necessary changes to Duquesne's retail tariff to implement the proposed
24 default service plan.
- 25 2. Sponsor a schedule of the supply rates for residential, small commercial
26 and industrial ("small C&I"), and lighting customers.
- 27 3. Describe the proposed changes to the Company's transmission rates to
28 recover ancillary services and PJM administrative costs.
- 29 4. Sponsor a schedule of class average rates and comparison to current rates.
- 30 5. Describe the proposed rate for large commercial and industrial ("large
31 C&I") customers.

1 **Q. Are you sponsoring any exhibits as part of your direct testimony?**

2 A. Yes. I am sponsoring the following exhibits attached to my testimony:

<u>Exhibit</u>	<u>Description</u>
WVP-1	Supply Rates by Rate Schedule 2008-2010
WVP-2	Rate Class Average Rates 2008-2010
WVP-3	Supply Rate Comparison to Current Rates
WVP-4	Total Bill Comparison to Current Rates
WVP-5	Supply Rate Comparison to Restructuring Rates

3

4 **Q. Please explain how these exhibits were prepared?**

5 A. All exhibits were prepared either by me or under my direct supervision. They
6 were prepared, to the best of my knowledge, in accordance with Commission
7 requirements and practice.

8

9 **Q. How is your testimony organized?**

10 A. My testimony may be summarized as follows. First, I will discuss the proposed
11 rate design for the small customer classes, i.e., residential, small C&I and lighting
12 classes. Second, I will discuss the proposed supply rates for the small customer
13 classes including the Company's proposal to adjust retail transmission rates to
14 recover the costs for ancillary services and PJM administrative costs. Third, I will
15 discuss the proposed class average rate impact by rate schedule for the small
16 customer classes. Finally, I will describe the Company's rate proposal for large
17 C&I customers.

18

19

I. SMALL CUSTOMER RATE DESIGN

20

21 **Q. What rate classes are affected by the small customer rate design?**

22 A. The small customer classes include residential rates RS, RH and RA; small C&I
23 rates include GS/GM and GMH and all of the lighting classes including AL, SE,
24 SM, SH, UMS and PAL.

25

26 **Q. What were your overall objectives in designing the proposed supply rates for
27 these customer classes?**

1 A. There were five objectives in designing the proposed supply rates. The first
2 objective was to reset the rates to reflect prevailing market prices. This was
3 necessary to eliminate below market rates that discourage conservation and do not
4 provide customers with an opportunity to shop. This will promote competition
5 and will ensure the Company is moving forward to develop retail rates that better
6 reflect market prices.

7 The second objective was to move to a single, flat energy charge for each
8 rate class by 2010. The current rate structure for supply includes demand charges
9 and declining energy block rates. These supply charges are not indicative of
10 competitive market prices and can make it more difficult for customers to
11 compare offers from alternative electric suppliers. This objective will establish a
12 simple price comparison with electric generation supplier (“EGS”) offers.

13 Third, the Company wanted to address instances of inconsistent rates
14 among rate classes that resulted from the restructuring of the Company in
15 accordance with the Electricity Generation Customer Choice and Competition Act
16 (“Competition Act”). Part of this objective is to achieve more inter-class and
17 intra-class consistency among rate classes and customer classes through rational
18 rates consistent with market prices and specific to the characteristics of each class.

19 The fourth objective was to evaluate the rate class and monthly bill
20 impacts associated with the first three objectives and mitigate significant bill
21 impacts. The Company recognizes that eliminating demand charges and
22 declining block rates to move toward a single energy-based charge in one step
23 could result in disparate impacts on certain individual customers. Therefore, the
24 Company proposes to phase-in the proposed rate design for several rate classes
25 over a three-year period (2008-2010). This is an important consideration for
26 heating class customers who currently have rates that are below market prices and
27 may experience above average increases in their rates as declining blocks are
28 eliminated.

29 Fifth, the Company wanted to align Duquesne’s retail transmission rates
30 more closely with PJM’s transmission charges to all load serving entities
31 (including Duquesne and EGSs). To accomplish this objective, the Company

1 recently filed and obtained Commission approval for a transmission service
2 charge ("TSC") that will adjust annually. As part of this initiative, the Company
3 proposes to move the charges for PJM administrative costs and ancillary services
4 from supply rates to the TSC so that these costs also will more closely follow
5 PJM charges.

6 This approach to rate design, as a whole, enables the Company to balance
7 its objectives of reflecting market prices, simplifying rates for customers and
8 EGSs, and mitigating disparate rate impacts. Combined, they should promote
9 retail competition and better enable retail customers to understand the charges and
10 prices of the market.

11
12 **Q. What was the starting point for developing supply rates for residential, small
13 C&I and lighting customers?**

14 **A.** I used the average energy supply rates by customer class (residential, small C&I
15 and lighting) described by Mr. Fisher and summarized in Table No. 1 as the
16 starting point for rate design. These average supply rates include adjustments for
17 rate class specific line losses and load profiles. This enabled me to analyze the
18 class and monthly impacts of implementing a single energy price and determine
19 what, if any, rate changes should be phased-in over time.

20
21 **Table No. 1 Average Supply Rates**

Customer Class	Applicable Rate Classes	Average Rate Cents/kWh
Residential	RS, RH, RA	7.156
Small C&I	GS/GM, GMH	7.083
Unmetered Service	UMS	6.718
Lighting	AL, SE, SM, SH, PAL	5.923

22
23 **Q. What changes are you proposing to the rate design of the residential rate
24 classes?**

25 **A.** Rate RS, with about 500,000 customers, is the Company's standard residential
26 service rate. This rate is currently a single flat energy charge per kilowatt-hour

1 ("kWh"). The rate will be reset to the supply rate in Table No. 1 with no changes
2 in rate design.

3 Rate RH and rate RA (with approximately 25,000 and 3,300 customers,
4 respectively) are the Company's residential space heating rates. Both have the
5 same rate structure as rate RS during the May through October non-heating
6 season, but have a declining block rate structure and a reduced rate for usage
7 greater than 500 kWh during the November through April heating season. These
8 rates for usage greater than 500 kWh (2.6133 ¢/kWh for RH and 2.702 ¢/kWh for
9 RA) are currently below current market prices, and as expected, customer
10 shopping for these classes is very low. For example, less than 1% of rate RH
11 customers are shopping with an EGS.

12 For the proposed supply rates, the same rate RS energy charge will apply
13 during the non-heating season for rate RH and RA customers since customers in
14 these three rate classes, in general, have similar usage characteristics during these
15 months. The two-step declining block rate design will be retained to mitigate rate
16 impacts during the heating season, but will be phased-out over three years. The
17 supply rate for usage up to 500 kWh per month during the heating season will be
18 the same rate applicable during the May to October non-heating season. The
19 current tail block rates for usage in excess of 500 kWh per month for RH and RA
20 will be increased on January 1, 2008, 2009 and 2010 so that the declining block
21 structure is eliminated by 2010 and all residential customers are charged the same
22 supply rate.

23 The proposed rate structures for RH and RA are consistent with
24 simplification of the rate design, inter-class consistency, improving economic
25 price signals, and understandability by customers.

26
27 **Q. Why do you propose to phase-in the supply rate increases for rate classes RH**
28 **and RA?**

29 **A.** The Company believes that it is important to phase-in significant changes in rate
30 structure to mitigate rate impacts, especially for rates that have been in place for
31 over 20 years. The average rate a customer will be charged on these rate classes

1 will depend on their individual monthly usage and should be considered on an
2 annual basis. As proposed, all residential customers will pay the same rate during
3 the non-heating season and for the first 500 kWh during the heating season. The
4 Company is proposing a modest increase to the rate for usage in excess of 500
5 kWh in 2008. Therefore, the effect on the average rate on an annual basis will
6 depend on the customer's actual usage during the heating season. While not
7 moving all the way to a single energy price in 2008, this proposal provides a
8 measured approach that achieves the Company's objective in 2010.

9

10 **Q. Please describe the current rate structure applicable to small C&I rate**
11 **classes.**

12 A. General service small and medium rates (GS/GM) and the general service
13 medium heating rate (GMH) constitute the small C&I rate class. Rate GS/GM,
14 with approximately 52,000 customers, has the second largest number of
15 customers of all rate schedules. Within this rate class, there are approximately
16 19,000 rate GS customers. These customers are not demand metered and their
17 average usage is less than 1,000 kWh per month. There are approximately 33,000
18 rate GM customers, all of whom are demand metered with diverse usage and load
19 profiles. Rate GM customers are billed for metered demand in excess of 5
20 kilowatts ("kW") at \$9.28/kW and for energy at a declining block energy rate of
21 3.4824 ¢/kWh, neither of which reflect current market prices.

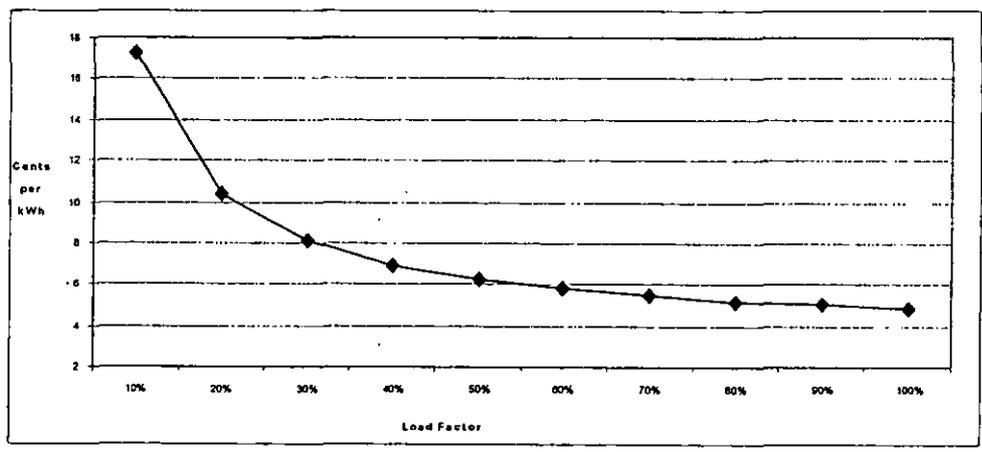
22 Rate GMH is the complementary electric space-heating rate to general
23 service rate GM. There are approximately 3,400 customers on rate GMH. During
24 the non-heating season, these customers are billed according to the same rate
25 structure as rate GM though at different rates. During the heating season, these
26 customers are billed using a variable, two-step declining block energy rate
27 structure, the legacy of pre-restructuring rates. The current energy rate for the
28 second block (3.0442 ¢/kWh) is also below current market prices.

29

30 **Q. What changes are you proposing to the rate design of the small C&I rate**
31 **classes?**

1 A. Duquesne proposes to simplify the existing rate structure for both rate classes by
2 implementing a single energy rate for all small C&I customers. This will simplify
3 price comparisons with competitive EGS offers. By 2010, Duquesne will
4 eliminate existing demand charges that do not reflect current market prices and
5 eliminate declining energy block rates that are below market levels and
6 discourage conservation. Demand charges of the current magnitude are not
7 reflective of market prices and produce significant diversity in a customer's
8 average supply charge within rate GM depending on the customer's monthly load
9 factor. Load factor is defined as the kWh consumed by the customer divided by
10 their monthly-metered demand in kW divided by the number of hours in the
11 month. Graph No. 1 shows the average supply charge in cents per kWh for a rate
12 GM customer with a 20 kW billed meter demand at current supply rates at various
13 load factors under the current rate structure.

14
15 **Graph No. 1 Rate GM Average Supply Rate at Various Load Factors**



16
17 As shown, the average supply charge varies from just below 5 cents per kWh to
18 over 17 cents per kWh depending on load factor. This is the result of using the
19 non-coincident peak demand to determine a customer's supply-related demand
20 charge and the high level of current demand charges in today's retail rates.
21 Market capacity costs represent a relatively small component of total supply costs,
22 and there is little economic justification for this variation.

1 Combined, this proposed rate design reduces class diversity of supply
2 rates over time while mitigating rate impacts to the smallest customers,
3 simplifying the rate structure, and implementing a rate structure consistent with
4 market price structures.
5

6 **Q. Please describe how you have redesigned the small C&I rates to eliminate**
7 **demand charges and declining block rates.**

8 A. Similar to the residential rate design, I used the energy charge for rates GS/GM
9 and GMH in Table No. 1 as the basis for rate design.

10 Rate GS customers on average use 300 kWh/month and the majority use
11 less than 1,000 kWh/month. They are billed according to the rate GS/GM rate
12 structure which is a flat energy charge up to 1300 kWh per month. Therefore,
13 rate GS customers will continue to be charged a single rate for all usage equal to
14 the supply rate in Table No. 1.

15 For rate GM, however, a different approach was used because of the
16 diversity of the customers, as noted above. Fully eliminating demand charges and
17 declining block rates for rate GM will impact monthly bills differently depending
18 on the individual customer's load factor (i.e. their consumption relative to their
19 monthly metered demand). By fully eliminating demand charges, low load factor
20 customers would see a decrease in their monthly bill and high load factor
21 customers would see an increase. Whether a customer would see an increase or
22 decrease in their supply charges would depend on their load factor and the
23 proposed supply rate in Table No. 1. To allow customers to adjust to this change
24 in the supply charge rate structure, the Company proposes to phase-out the
25 demand charges and declining block rates to transition all customers to a flat
26 energy supply rate. The demand charges will be reduced equally each year until
27 they are completely phased-out in 2010. An offsetting increase will be made to
28 the current tail block energy rates so that by 2010 only a flat energy rate per kWh
29 will be in place. Therefore, customers will be affected based on their specific
30 load and usage characteristics while the rate class average supply charge will be
31 that shown in Table No. 1.

1

2 **Q. Please describe the proposed changes to rate GMH.**

3 A. The Company proposes to change the rate design using principles similar to those
4 used for residential heating rates. Heating customers will be billed the same
5 demand and energy charges as general service rate GM during the non-heating
6 season months. For the heating season, the current variable two-block energy rate
7 structure will be retained to mitigate customer rate impacts, but phased-out over
8 three years. The energy-based rates for the first energy block during the heating
9 season will be reset to equal the supply rate identified in Table No. 1. Similar to
10 the proposed rate design for the residential space heating rates, the second block
11 winter usage charge for rate GMH will be increased equally on January 1, 2008,
12 2009 and 2010 so that the declining block structure is eliminated by 2010 and the
13 supply rate equals the rate GM supply charge rate in 2010.

14

15 **Q. Will these proposed changes to the small C&I rate schedules effect any other
16 charges applicable to these rate schedules?**

17 A. Yes. The minimum charges associated with these rate schedules have been
18 modified to be consistent with the proposed POLR supply rates and elimination of
19 demand charges. In addition, Rider 5 is the Company's Time of Day discount to
20 demand charges that is a legacy of pre-restructuring rate design when the
21 Company owned generation. The rider provides a discount to demand charges
22 associated with the monthly meter read. Since the Company is proposing to phase
23 out the demand charges for rates GM and GMH, it does not make sense to keep
24 this rider for discounts applicable only to distribution charges. The Company
25 proposes to completely eliminate this rider effective January 1, 2010. Phasing-out
26 this rider over time will allow customers to modify their operation to the extent
27 possible and enable them to become accustomed to the new rate structure.

28

29 **Q. What changes are you proposing to the rate design for the lighting classes?**

30 A. Duquesne is not proposing any changes to the rate design for the lighting classes,
31 but will reset the average rate levels for each rate class to the supply price defined

1 in Table No. 1. As a group, the lighting classes currently consist of a diverse mix
2 of charges and rate design. However, the majority of lighting customers pay a flat
3 rate per fixture per month based on the lamp wattage and nominal monthly kWh
4 usage specific to each fixture. Duquesne is not proposing to change this rate
5 structure for lighting customers. Duquesne will calculate a new flat monthly rate
6 per fixture using the monthly kWh consumption per fixture and the supply price
7 defined in Table No. 1. In some cases, as a result of the legacy effects of
8 unbundling and POLR III rate design, this will result in both average rate
9 increases and decreases. However, the proposed rate design will result in all
10 lighting customers paying the same supply rate on a cents per kWh basis.
11 Implementing these proposed changes to the lighting class rates achieves the
12 objective of simplifying the rates and eliminating inconsistencies by better
13 aligning inter and intra-class charges with market price levels.

14 **II. SMALL CUSTOMER RATES**

15
16
17 **Q. What changes are you proposing to the rates of the small customer rate**
18 **classes?**

19 **A.** The Company is proposing three changes to the small customer rates. First, the
20 supply rates will be reset to prevailing market prices defined in Table No. 1.
21 Second, using the market index adjustment factor described by Mr. Fisher,
22 Duquesne Light will adjust the 2009 and 2010 rates up or down based on changes
23 in market prices prior to the start of each calendar year. Third, the Company
24 proposes to recover ancillary services and PJM administrative expenses in
25 transmission rates. The Company proposes to recover these costs through the
26 recently approved TSC.

27
28 **Q. Have you prepared an exhibit that summarizes the supply rates the**
29 **Company proposes to include in its retail tariff?**

1 A. Yes. Exhibit WVP-1 summarizes the proposed supply rates for each rate
2 schedule for each year for 2008-2010. These rates are also shown for each year in
3 the proposed tariff supplement sponsored by Ms. Krajovic as Exhibit NJDK-3.
4

5 **Q. Please describe the second change, how you will revise the small C&I rates**
6 **annually based on a market price index.**

7 A. Mr. Fisher describes the proposed market price multiplier that will be applied to
8 the supply rates for GS/GM and GMH shown in Exhibit WVP-1. As described by
9 Mr. Fisher, this is a transparent market index adjustment mechanism to adjust the
10 small C&I supply rates, upward or downward, depending on changes in market
11 price indices. The proposed supply rates in Exhibit WVP-1 assume no changes
12 over the 2008-2010 period (i.e., a multiplier of 1.00). The Company proposes to
13 implement the 2008 supply rates in Exhibit WVP-1 effective January 1, 2008. No
14 later than October 1, 2008, the Company will submit a filing to the Commission
15 adjusting the 2009 rates in Exhibit WVP-1 by the index multiplier described by
16 Mr. Fisher for 2009. Both the demand and energy charges will be multiplied by
17 the index multiplier to calculate new rates that will become effective for usage on
18 or after January 1, 2009. The same index multiplier will also be applied to the
19 supply charges of rate GMH shown in Exhibit WVP-1 for 2009.

20 The same methodology will be used to adjust rates in 2010. The Company
21 will apply the appropriate index multiplier for 2010 to each GS/GM and GMH
22 supply rate component shown in Exhibit WVP-1 for 2010. No later than October
23 1, 2009, the Company will submit a filing to the Commission establishing the
24 revised supply rates for GS/GM and GMH. Effective January 1, 2010, demand
25 charges, declining block energy charges, and declining block seasonal rates will
26 be eliminated and replaced with a single flat energy rate for all small C&I
27 customers.

28
29 **Q. Have you prepared an example calculation showing how this market index**
30 **adjustment will work?**

1 A. Yes. Table No. 2 provides a calculation based on a hypothetical market index
 2 adjustment for 2009 for rate GM. The 2009 proposed rates are the same rates
 3 identified in Exhibit WVP-1. These rates will simply be multiplied by the market
 4 price multiplier to calculate the adjusted rates the Company would file with the
 5 Commission on October 1, 2008.

6
 7 **Table No.2 Market Index Adjustment Example Calculation**

		2009 Rates	2009 Index Adjusted Rates
Market Price Multiplier			0.975
Demand Charge	\$/kW/Month	\$3.09	\$3.01
First 1,300 kWh	Cents/kWh	7.0830	6.9059
Additional kWh	Cent/kWh	6.1840	6.0294

8
 9 **Q. What changes are necessary to the tariff describing this annual adjustment?**

10 A. The Company is proposing two changes to the tariff to implement this change.
 11 First, Rider No. 20 has been added to the tariff supplement attached as Exhibit
 12 NJDK-3 to Ms. Krajovic's testimony. The purpose of Rider No. 20 is to describe
 13 the process by which the Company will calculate the rate multiplier that will be
 14 applied to the supply charges in rate schedules GS/GM and GMH for 2009 and
 15 2010.

16 Second, the "Electric Charges" language of rate schedules GS/GM and
 17 GMH will be revised as follows:

18
 19 No later than October 1 of 2008, the Company will submit a filing to the
 20 Commission adjusting the 2009 Supply Charges to reflect changes in the
 21 market price of electricity. The 2009 Supply Charges will be multiplied by
 22 the Annual Market Price Adjustment described in Rider 20 to establish rates
 23 that will become effective for usage on or after January 1, 2009. No later than
 24 October 1 of 2009, the Company will submit a filing to the Commission
 25 adjusting the 2010 Supply Charges to reflect changes in the market price of
 26 electricity. The revised rates will become effective for usage on or after
 27 January 1, 2010. The 2010 Supply Charges will be multiplied by the Annual
 28 Market Price Adjustment described in Rider 20 to establish rates that will
 29 become effective for usage on or after January 1, 2010.

1
2

3 **Q. Please describe your third change, how you propose to recover the costs for**
4 **ancillary services and PJM administrative expenses.**

5 A. The Company is proposing to recover the costs of ancillary services and PJM
6 administrative costs associated with default service for small customer classes
7 through the retail transmission rates and TSC. (For large C&I customers,
8 ancillary services and PJM administrative costs will continue to be recovered in
9 Rider No. 9 and will adjust as PJM charges adjust.) The Commission approved
10 the TSC by order entered December 1, 2006 at Docket R-00061346. This change
11 will enable the Company to recover the expenses it incurs as a provider of
12 transmission service to retail customers taking default service from the Company.

13

14 **Q. Do the average supply rates in Table No. 1 and the supply rates in Exhibit**
15 **WVP-1 include the costs associated with ancillary services and PJM**
16 **administrative expenses?**

17 A. No, they do not. However, the transmission rates in Exhibit WVP-1 have been
18 adjusted to include recovery of the charges for ancillary services and PJM
19 administrative costs.

20

21 **Q. How are these costs currently recovered for residential, small C&I and**
22 **lighting customers?**

23 A. In POLR III, Duquesne fixed the PJM surcharge for residential, small C&I and
24 lighting class customers and included the surcharge in the fixed supply rate.
25 Similarly, ancillary service costs were fixed and bundled together in the fixed
26 supply rate, although no separate charge was identified.

27

28 PJM administrative expenses that the Company is currently incurring are
29 being recovered through retail tariff PJM Surcharge Rider No. 1. Rider No. 1
30 became effective January 1, 2005 when the Company joined PJM and as defined
31 in its POLR III order, is effective until December 31, 2007. As described in the
Company's distribution rate case at Docket R-00061346, the Company proposed

1 to retain Rider No. 1 through December 31, 2007, at which point the Company
2 proposed to roll those PJM expenses into the proposed transmission service
3 charge so the default service supply rates will not reflect any such PJM costs.
4 (Pfrommer, Direct, p. 19, l. 10)
5

6 **Q. Why is it appropriate to recover the costs associated with ancillary services
7 and PJM administrative expenses through the transmission rates?**

8 A. These are transmission related costs the Company incurs in accordance with the
9 OATT, and as such they are appropriately recovered through retail transmission
10 rates, in this case the TSC. This approach will have no effect on the price to
11 compare ("PTC") and since it is updated annually through the TSC, will ensure
12 there is no competitive distortion.
13

14 **Q. How will the Company adjust the transmission rates to recover ancillary
15 services and PJM administrative costs?**

16 A. The Company proposes to modify the definition of projected total expenses in the
17 TSC to include these expenses for all small customer classes. Both ancillary
18 service and PJM administrative costs will be recovered on the basis they are
19 incurred, primarily MWh, to ensure there is no cost shifting. The revenue
20 collected will be trued-up with expenses incurred in the subsequent TSC filing.
21

22 **Q. Have you estimated the average costs for ancillary services?**

23 A. Yes. Based on the 12 months ending December 2006, the ancillary service
24 expense the Company proposes to recover in the transmission expense will be set
25 initially at \$2.175/MWh. This rate will recover the estimated ancillary service
26 expenses for spinning reserves, operating reserves, regulation, synchronous
27 condensing charges, schedule 1A and black start service. This rate also includes
28 an adjustment for transmission and distribution line losses and Pennsylvania gross
29 receipts tax ("GRT").
30
31

1 **Q. Have you estimated the average costs for PJM administrative expenses?**

2 A. Yes. I used the stated rates in Schedules 9-1 to 9-5 and Schedule 9-FERC in the
3 PJM OATT to calculate a rate of \$0.408/MWh to recover PJM administrative
4 expense. Similar to derivation of the ancillary service rate, the PJM
5 administrative rate has been adjusted for transmission and distribution line losses
6 and GRT.

7
8 **Q. Will you update the estimated costs for ancillary services prior to January 1,
9 2008?**

10 A. Yes. The Company proposes to update the estimated cost for ancillary services
11 based on the average costs for the 12 months ending November 30, 2007. This
12 will provide an updated rate beginning January 1, 2008 using the most recent data
13 and will reduce the potential effects of adjusting these rates in April 2008, the
14 date of the then subsequent TSC filing.

15
16 **Q. What changes do you propose to the retail tariff to recover these costs
17 through the TSC?**

18 A. First, the "Electric Charges" section of each rate schedule will be revised to
19 explain that these costs will be recovered through the TSC which is Appendix A
20 of the tariff. Second, the Company will revise the TSC to incorporate language
21 explaining that ancillary service expenses and PJM administrative expenses are
22 part of the TSC for each rate schedule. Third, since the PJM administrative
23 expenses will be recovered through the TSC, Rider No. 1 has been eliminated.
24 Rider No. 9 has been revised to provide more discussion on the PJM surcharge.
25 All of these changes are shown in Exhibit NJDK-3 attached to Ms. Krajovic's
26 testimony.

27

28

29

30

31

1 **Q. How do the proposed supply rates compare to the generation rate cap**
2 **(including the competitive transition charge) approved in Duquesne's**
3 **restructuring case?**

4 A. Exhibit WVP-5 provides a comparison of class average POLR I generation rate
5 caps to the proposed supply rates. For the vast majority of residential and small
6 C&I customers, the proposed supply rates remain below Duquesne's restructuring
7 generation rate caps. These modest changes in residential and small C&I customer
8 rates are particularly remarkable given the significant increase in market prices in
9 the past ten years and the relatively high levels of customer shopping in
10 Duquesne's service area. Mr. O'Brien and Mr. Fisher provide more description
11 regarding how the Company was able to mitigate stranded costs, reduce rates, and
12 at the same time, promote retail competition.

13
14
15 **V. LARGE CUSTOMER SUPPLY RATES**

16
17 **Q. What changes are you proposing to the supply rates of the large C&I rate**
18 **classes?**

19 A. Rate schedules GL, GLH, L and HVPS define the large C&I rate classes and are
20 applicable to approximately 871 customers with monthly-metered demands
21 greater than 300 kW. Currently these customers have the option to purchase
22 default service supply from the Company under fixed price service ("FPS") retail
23 tariff Rider No. 8 or hourly price service ("HPS") Rider No. 9. FPS Rider No. 8
24 is scheduled to expire May 31, 2007. As described by Mr. O'Brien, Duquesne
25 will only offer HPS service to large C&I customers effective June 1, 2007.
26 Duquesne will no longer offer large C&I customers a fixed price option (Rider
27 No. 8), but rather will rely on EGS's to provide this service.

28
29 **Q. Will this change affect many customers?**

30 A. No. As of December 31, 2006, there were only six of an eligible 871 customers
31 on FPS service, less than 1%. Since FPS Rider No. 8 will terminate May 31,

1 2007, no customers will be on this rate when the Company implements its default
2 service plan January 1, 2008.

3
4 **Q. How will eliminating the fixed price option affect the retail tariff?**

5 A. Retail tariff Rider No. 8 will be eliminated. Rule 45.2 regarding switching rules
6 will be revised to eliminate its applicability to large C&I rate schedules since
7 Rider No. 8 is eliminated. The Generation Rate Adjustment switching rule
8 ("GRA") described in retail tariff Rider No. 23 is applicable only to customers
9 electing FPS Rider No. 8 and will also be eliminated. Upon elimination of Rider
10 No. 23, Duquesne will have no switching restrictions in the retail tariff other than
11 the protocols defined and required by the Commission.

12
13 **Q. Are you proposing changes to HPS Rider No. 9?**

14 A. Duquesne is not proposing any changes to the formula described in Rider No. 9
15 and will continue to offer hourly price default service to large C&I customers.
16 Duquesne is proposing to recover the cost of ancillary services and PJM
17 administrative costs in the same manner as it does today as defined in the Rider
18 No. 9 formula rate. Duquesne is, however, proposing to revise the fixed retail
19 adders defined in the rider.

20
21 **Q. Please described the current fixed retail adders in Rider No. 9?**

22 A. Table No. 3 summarizes the adders approved in the POLR III proceeding. The
23 adder for each rate class consists of a risk component and an administrative
24 charge component. The administrative charge component for each rate class is
25 \$1.35/MWh. The administrative charge adder was based on the incurred costs
26 and annual costs for POLR III and a forecast level of sales for large C&I
27 customers expected to remain on POLR III supply rates when they became
28 effective January 1, 2005.

1

Table No. 3 Current Rider No. 9 Fixed Retail Adders

Rate	Adder \$/MWh
GL	\$4.89
GLH	\$3.52
L	\$3.41
HVPS	\$1.70

2

3 **Q. What is the revised adder you are proposing for hourly price service Rider**
4 **No. 9?**

5 A. The Company has eliminated the risk component of the adder and seeks only to
6 recover its administrative costs of providing the hourly price default service.
7 Therefore, I revised the adders to reflect current annual costs and to reflect actual
8 POLR sales on the hourly price service. The annual cost to provide HPS service
9 is approximately \$800,000. The Company is proposing an administrative cost
10 adder of \$3.97 per MWh based on estimated annual POLR sales of 201,736
11 MWh. This adder will apply to POLR sales for any customer that receives hourly
12 price service.

13

14 **Q. Does this conclude your direct testimony?**

15 A. Yes, it does.

**DUQUESNE LIGHT COMPANY
SUPPLY RATES BY RATE SCHEDULE**

Rate Class		Billing Unit	2007	2008	2009	2010
RS	All kWh	¢/kWh	6.3031	7.1560	7.1560	7.1560
RH	May thru October	¢/kWh	7.6604	7.1560	7.1560	7.1560
	First 500 kWh - November thru April	¢/kWh	7.6604	7.1560	7.1560	7.1560
	Additional kWh - November thru April	¢/kWh	2.6133	4.1275	5.6418	7.1560
RA	May thru October	¢/kWh	7.7806	7.1560	7.1560	7.1560
	First 500 kWh - November thru April	¢/kWh	7.7806	7.1560	7.1560	7.1560
	Additional kWh - November thru April	¢/kWh	2.7020	4.1867	5.6713	7.1560
GS	First 1300 kWh	¢/kWh	7.9914	7.0830	7.0830	7.0830
	Additional kWh	¢/kWh	3.4824	7.0830	7.0830	7.0830
GM	Demand first 5 kW	\$/kW/mo.	\$0.00	\$0.00	\$0.00	\$0.00
	Demand additional kW	\$/kW/mo.	\$9.28	\$6.19	\$3.09	\$0.00
	First 1300 kWh	¢/kWh	7.9914	7.0830	7.0830	7.0830
	Additional kWh	¢/kWh	3.4824	5.2849	6.1840	7.0830
GMH	Demand first 5 kW	\$/kW/mo.	\$0.00	\$0.00	\$0.00	\$0.00
	Demand additional kW	\$/kW/mo.	\$9.66	\$6.19	\$3.09	\$0.00
	First 1300 kWh - June thru September	¢/kWh	8.2699	7.0830	7.0830	7.0830
	Additional kWh - June thru September	¢/kWh	3.0442	5.2849	6.1840	7.0830
	First block kWh - October thru May	¢/kWh	7.2685	7.0830	7.0830	7.0830
	Additional kWh - October thru May	¢/kWh	3.0442	4.3905	5.7367	7.0830
AL	Demand all kW	\$/kW/mo.	\$5.06	\$0.00	\$0.00	\$0.00
	First 300 kWh	¢/kWh	7.1574	5.9230	5.9230	5.9230
	Additional kWh	¢/kWh	1.7392	5.9230	5.9230	5.9230
SE	All kWh	¢/kWh	3.8918	5.9230	5.9230	5.9230
SM	Mercury Vapor (\$/fixture/month)	kWh/mo.				
	100 watts	44	\$1.60	\$2.61	\$2.61	\$2.61
	175 watts	74	\$2.07	\$4.38	\$4.38	\$4.38
	250 watts	102	\$2.58	\$6.04	\$6.04	\$6.04
	400 watts	161	\$3.49	\$9.54	\$9.54	\$9.54
	1000 watts	386	\$7.56	\$22.86	\$22.86	\$22.86
	Sodium Vapor (\$/fixture/month)					
	70 watts	29	\$1.62	\$1.72	\$1.72	\$1.72
	100 watts	50	\$2.07	\$2.96	\$2.96	\$2.96
	150 watts	71	\$2.46	\$4.21	\$4.21	\$4.21
	250 watts	110	\$3.59	\$6.52	\$6.52	\$6.52
	400 watts	170	\$4.68	\$10.07	\$10.07	\$10.07
	1000 watts	387	\$9.77	\$22.92	\$22.92	\$22.92
	SH	Sodium Vapor (\$/fixture/month)	kWh/mo.			
100 watts		50	\$5.72	\$2.96	\$2.96	\$2.96
150 watts		71	\$7.02	\$4.21	\$4.21	\$4.21
200 watts		95	\$8.35	\$5.63	\$5.63	\$5.63
400 watts		170	\$13.54	\$10.07	\$10.07	\$10.07
UMS	First 1,300 kWh	¢/kWh	7.2530	6.7180	6.7180	6.7180
(Unmetered)	Additional kWh	¢/kWh	1.6954	6.7180	6.7180	6.7180
PAL	High Pressure Sodium (\$/fixture/month)	kWh/mo.				
	70 watts	29	\$1.62	\$1.72	\$1.72	\$1.72
	100 watts	50	\$2.07	\$2.96	\$2.96	\$2.96
	150 watts	71	\$2.45	\$4.21	\$4.21	\$4.21
	250 watts	110	\$3.58	\$6.52	\$6.52	\$6.52
	400 watts	170	\$4.67	\$10.07	\$10.07	\$10.07
	Flood Lighting (\$/fixture/month)					
	100 watts	46	\$1.86	\$2.72	\$2.72	\$2.72
	150 watts	67	\$2.17	\$3.97	\$3.97	\$3.97
	250 watts	100	\$2.61	\$5.92	\$5.92	\$5.92
	400 watts	155	\$3.34	\$9.18	\$9.18	\$9.18
	Unmetered (\$/fixture/month)					
	70 watts	29	\$1.27	\$1.72	\$1.72	\$1.72
	100 watts	46	\$2.02	\$2.72	\$2.72	\$2.72
	150 watts	67	\$2.93	\$3.97	\$3.97	\$3.97
	250 watts	100	\$4.37	\$5.92	\$5.92	\$5.92
	400 watts	155	\$6.78	\$9.18	\$9.18	\$9.18

DUQUESNE LIGHT COMPANY
RATE CLASS AVERAGE RATES (CENTS/KWH)

Proposed Class Average Rates 2008 (1)

Rate Class	Distribution	Transmission	Supply	Total Average Charge
RS	5.40	0.60	7.16	13.16
RH	4.11	0.42	5.87	10.40
RA	3.14	0.59	6.32	10.04
GS/GM	2.67	0.52	7.08	10.28
GMH	2.40	0.45	6.17	9.02
AL	0.94	0.26	5.92	7.12
SE	5.50	0.26	5.92	11.68
SM	30.22	0.26	5.92	36.40
SH	13.42	0.26	5.92	19.60
UMS	5.09	0.41	6.72	12.22
PAL	12.33	0.26	5.92	18.51
Weighted Avg.	4.23	0.55	6.99	11.77
Residential	5.25	0.58	7.02	12.85
Small C&I	2.64	0.52	6.99	10.14
Lighting/UMS	14.74	0.30	6.13	21.17

Proposed Class Average Rates 2009 (1)

Rate Class	Distribution	Transmission	Supply	Total Average Charge
RS	5.40	0.60	7.16	13.16
RH	4.11	0.42	6.51	11.04
RA	3.14	0.59	6.74	10.46
GS/GM	2.67	0.52	7.08	10.28
GMH	2.40	0.45	6.62	9.48
AL	0.94	0.26	5.92	7.12
SE	5.50	0.26	5.92	11.68
SM	30.22	0.26	5.92	36.40
SH	13.42	0.26	5.92	19.60
UMS	5.09	0.41	6.72	12.22
PAL	12.33	0.26	5.92	18.51
Weighted Avg.	4.23	0.55	7.05	11.83
Residential	5.25	0.58	7.09	12.92
Small C&I	2.64	0.52	7.03	10.19
Lighting/UMS	14.74	0.30	6.13	21.17

Proposed Class Average Rates 2010 (1)

Rate Class	Distribution	Transmission	Supply	Total Average Charge
RS	5.40	0.60	7.16	13.16
RH	4.11	0.42	7.16	11.68
RA	3.14	0.59	7.16	10.88
GS/GM	2.67	0.52	7.08	10.28
GMH	2.40	0.45	7.08	9.93
AL	0.94	0.26	5.92	7.12
SE	5.50	0.26	5.92	11.68
SM	30.22	0.26	5.92	36.40
SH	13.42	0.26	5.92	19.60
UMS	5.09	0.41	6.72	12.22
PAL	12.33	0.26	5.92	18.51
Weighted Avg.	4.23	0.55	7.11	11.89
Residential	5.25	0.58	7.16	12.99
Small C&I	2.64	0.52	7.08	10.24
Lighting/UMS	14.74	0.30	6.13	21.17

1/ Assumes no increase to distribution rates 2008-2010. Transmission rates do not reflect changes resulting from annual FERC formula filings.

**DUQUESNE LIGHT COMPANY
CLASS AVERAGE SUPPLY RATES
CURRENT RATES VERSUS PROPOSED DEFAULT SERVICE RATES (CENTS/KWH)**

Rate Class	Current	Proposed Supply Rates					
	POLR III Supply Rates (1)	2008 (2)	Change Over POLR III	2009 (2)	Change Over POLR III	2010 (2)	Change Over POLR III
RS	6.30	7.41	17.6%	7.41	17.6%	7.41	17.6%
RH	5.53	6.13	11.0%	6.77	22.6%	7.41	34.2%
RA	6.35	6.58	3.5%	6.99	10.1%	7.41	16.7%
GS/GM	6.46	7.34	13.6%	7.34	13.6%	7.34	13.6%
GMH	5.48	6.42	17.2%	6.88	25.5%	7.34	33.9%
AL	6.43	6.18	-3.9%	6.18	-3.9%	6.18	-3.9%
SE	3.89	6.18	58.8%	6.18	58.8%	6.18	58.8%
SM	4.38	6.18	41.1%	6.18	41.1%	6.18	41.1%
SH	8.72	6.18	-29.1%	6.18	-29.1%	6.18	-29.1%
UMS	7.03	6.98	-0.7%	6.98	-0.7%	6.98	-0.7%
PAL	2.87	6.18	115.5%	6.18	115.5%	6.18	115.5%
Weighted Avg.	6.27	7.25	15.7%	7.31	16.6%	7.37	17.6%
Residential	6.23	7.28	16.9%	7.35	18.0%	7.41	19.1%
Small C&I	6.36	7.24	13.9%	7.29	14.7%	7.34	15.4%
Lighting/UMS	4.93	6.39	29.5%	6.39	29.5%	6.39	29.5%

1/ Current supply rates include ancillary services and the PJM surcharge of .0708 cents per kWh per retail tariff Rider No. 1.

2/ For equivalent comparison, proposed supply rates include ancillary service costs (.2175 cents per kWh) and PJM administrative costs (.0408 cents per kWh). However, these costs will be recovered through the Company's transmission rates. Proposed supply rates also include the costs and risks with PJM RPM capacity requirements and new renewable energy supply requirements.

DUQUESNE LIGHT COMPANY
TOTAL BILL COMPARISON AT CLASS AVERAGE RATES
CURRENT RATES VERSUS PROPOSED DEFAULT SERVICE RATES (CENTS/KWH)

Rate Class	Current Rates (POLR III)				Proposed Total Average Charges (1)					
	D	T	S	Total	2008	Change Over POLR III	2009	Change Over POLR III	2010	Change Over POLR III
RS	5.40	0.34	6.30	12.05	13.16	9.2%	13.16	9.2%	13.16	9.2%
RH	4.11	0.16	5.53	9.79	10.40	6.2%	11.04	12.7%	11.68	19.3%
RA	3.14	0.33	6.35	9.82	10.04	2.3%	10.46	6.6%	10.88	10.8%
GS/GM	2.67	0.27	6.46	9.40	10.28	9.3%	10.28	9.3%	10.28	9.3%
GMH	2.40	0.19	5.48	8.07	9.02	11.7%	9.48	17.3%	9.93	23.0%
AL	0.94	0.00	6.43	7.37	7.12	-3.4%	7.12	-3.4%	7.12	-3.4%
SE	5.50	0.00	3.89	9.39	11.68	24.4%	11.68	24.4%	11.68	24.4%
SM	30.22	0.00	4.38	34.60	36.40	5.2%	36.40	5.2%	36.40	5.2%
SH	13.42	0.00	8.72	22.14	19.60	-11.5%	19.60	-11.5%	19.60	-11.5%
UMS	5.09	0.15	7.03	12.27	12.22	-0.4%	12.22	-0.4%	12.22	-0.4%
PAL	12.33	0.00	2.87	15.20	18.51	21.8%	18.51	21.8%	18.51	21.8%
Weighted Avg.	4.23	0.29	6.27	10.79	11.77	9.1%	11.83	9.7%	11.89	10.2%
Residential	5.25	0.32	6.23	11.80	12.85	8.9%	12.92	9.5%	12.99	10.1%
Small C&I	2.64	0.26	6.36	9.26	10.14	9.6%	10.19	10.1%	10.24	10.6%
Lighting/UMS	14.74	0.04	4.93	19.72	21.17	7.4%	21.17	7.4%	21.17	7.4%

1/ Assumes no increase to distribution rates 2008-2010. Proposed Total Class Average rates do not reflect changes in transmission rates resulting from annual FERC formula filings.

DUQUESNE LIGHT COMPANY
CLASS AVERAGE SUPPLY RATES
POLR I RATES VERSUS PROPOSED DEFAULT SERVICE RATES (CENTS/KWH)

Rate Class	POLR I Supply Rate (1)	Total Supply Cost					
		2008 (2)	Change Over POLR I	2009 (2)	Change Over POLR I	2010 (2)	Change Over POLR I
RS	8.16	7.41	-9.1%	7.41	-9.1%	7.41	-9.1%
RH	7.11	6.13	-13.8%	6.77	-4.7%	7.41	4.3%
RA	7.88	6.58	-16.6%	6.99	-11.3%	7.41	-6.0%
GS/GM	7.60	7.34	-3.4%	7.34	-3.4%	7.34	-3.4%
GMH	6.52	6.42	-1.4%	6.88	5.6%	7.34	12.6%
AL	6.38	6.18	-3.1%	6.18	-3.1%	6.18	-3.1%
SE	5.44	6.18	13.6%	6.18	13.6%	6.18	13.6%
SM	10.59	6.18	-41.6%	6.18	-41.6%	6.18	-41.6%
SH	10.90	6.18	-43.3%	6.18	-43.3%	6.18	-43.3%
UMS	9.00	6.98	-22.5%	6.98	-22.5%	6.98	-22.5%
PAL	6.88	6.18	-10.2%	6.18	-10.2%	6.18	-10.2%
Weighted Avg.	7.81	7.25	-7.1%	7.31	-6.4%	7.37	-5.6%
Residential	8.05	7.28	-9.6%	7.35	-8.7%	7.41	-7.9%
Small C&I	7.49	7.24	-3.2%	7.29	-2.6%	7.34	-1.9%
Lighting/UMS	8.36	6.39	-23.6%	6.39	-23.6%	6.39	-23.6%

1/ Average supply rates include class average competitive transition charges.

2/ Includes ancillary services and PJM administrative costs.

BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION

Petition Of Duquesne Light Company :
For Approval Of Default Service Plan :
For The Period January 1, 2008 :
Through December 31, 2010 :

Docket No. P-_____

DOCUMENT
FOLDER

DIRECT TESTIMONY OF
NANCY J. KRAJOVIC

DOCKETED
MAY 08 2007

Dated: January 25, 2007

1 **Q. Please state your full name and business address.**

2 A. Nancy J. D. Krajovic, 411 Seventh Avenue, Pittsburgh, PA 15219.

3

4 **Q. By whom are you employed and in what capacity?**

5 A. I am employed by Duquesne Light Company ("Duquesne" or "the Company") as
6 Manager of Regulatory Affairs.

7

8 **Q. What are your principal duties and responsibilities in this position?**

9 A. I act as the primary interface with the Pennsylvania Public Utility Commission
10 ("PUC" or "Commission") staff in the conduct of financial and management
11 audits of the Company. I prepare or direct the preparation of numerous reports
12 filed with the Commission, as well as calculate the annual revisions to the State
13 Tax Adjustment Surcharge. I am also responsible for the administration of the
14 Company's Retail and Supplier Tariffs, ensuring proper modifications and
15 appropriate and timely distribution of effective tariffs. Relative to my
16 responsibilities regarding the tariff, I also provide interpretation of the provisions
17 of the rules and regulations, rates and riders contained therein.

18

19 **Q. What is your educational background?**

20 A. I received a Bachelor of Science in Accounting from Duquesne University in
21 1982 and a Master of Business Administration from the University of Pittsburgh's
22 Katz Graduate School of Business in 1988.

23

24 **Q. Please describe your professional experience.**

25 A. I was employed by the Commission from 1984 through 1987 as an auditor. In
26 that position I performed audits of gas, electric and steam heat utilities' fuel cost
27 rates, as well as original cost and continuing property records audits of water,
28 telephone and gas utilities. I was also responsible for the review of fuel cost rate
29 filings from all jurisdictional gas, electric and steam heat utilities and the
30 preparation of Audit Bureau reports recommending Commission action on those
31 filings.

1 In 1988, following the completion of my graduate work at the University of
2 Pittsburgh, I joined Duquesne as a Regulatory Analyst. Since that time, I have
3 held various positions supporting the Rates and Regulatory Affairs function of the
4 Company. My responsibilities have included activities and projects regarding
5 regulatory reporting compliance, interaction with regulatory staff, interpretation
6 and implementation of the tariff and regulations, development of strategy to
7 respond to new or changing regulations, transition of business processes and
8 regulatory compliance to reflect customer choice and the Company's role as an
9 electric distribution company ("EDC").

10
11 In the course of my employment with Duquesne, I have provided written
12 testimony before the PUC at Docket No. R-00061346 -- Duquesne's most recent
13 distribution base rate proceeding, Docket No. I-900005 -- Demand Side
14 Management, Docket No. M-00930404C001, a complaint proceeding filed by the
15 Office of Consumer Advocate against Duquesne's 1993 ECR, Docket No. R-
16 00016854C001, a complaint proceeding filed by the Office of Consumer
17 Advocate against Duquesne's proposed recovery of Revenue Neutral
18 Reconciliation tax liability. I provided oral testimony before the Commission at
19 Docket No. M-FACE0302 in regard to the billing of CTC to large C & I
20 customers and also in several formal complaint actions filed by residential
21 customers over the past several years.

22
23 **Q. What is the purpose of your testimony?**

24 **A.** My testimony supports implementation of an agreement to develop a new
25 Purchase of Receivables ("POR") program in Duquesne's service territory that is
26 designed to promote retail competition. This agreement was negotiated with the
27 participation of electric generation suppliers ("EGSs"), consumer advocates, the
28 Company and others. Additionally, I am sponsoring the changes to Duquesne's
29 tariffs reflecting the proposals made by other Company witnesses testifying at this
30 docket.

31

1 **Q. Are you sponsoring any exhibits in this proceeding?**

2 A. Yes. Exhibit NJDK-1 is the POR agreement. Exhibit NJDK-2 is a draft
3 supplement to the Company's Electric Generation Supplier Coordination Tariff
4 ("Supplier Tariff") that will implement the POR program as well as modify the
5 transmission and distribution line losses contained therein. Exhibit NJDK-3 is a
6 draft supplement to the Company's retail Tariff reflecting the modifications to the
7 rules, rates and riders as described in Mr. Pfrommer's testimony, as well as
8 modifications to support the POR.

9

10 **PURCHASE OF RECEIVABLES PROGRAM**

11

12 **Q. What are your conclusions in regard to the proposed POR program?**

13 1.) A considerable effort over several months prior to this filing was made by
14 Duquesne and the other parties to develop the POR program filed in this
15 proceeding.

16 2.) The POR program is designed to promote retail competition and avoid
17 contentious litigation associated with the unbundling of provider-of-last-
18 resort ("POLR") costs from distribution rates.

19 3.) Duquesne and the parties, through extensive negotiations, were able to
20 resolve many issues balancing the interests of EGSs, customers and the
21 Company. All parties in the distribution rate case settlement (plus
22 Dominion Retail and ConEdison Solutions) have signed the agreement or
23 affirmatively agreed not to oppose the agreement in this proceeding.

24 4.) Therefore, I recommend that the Commission approve the POR agreement
25 without modification in lieu of unbundling of POLR costs from
26 distribution rates.

27

28 **Background**

29

30 **Q. What led to the development of the proposed POR?**

1 A. In Duquesne's recent distribution rate proceeding at Docket No. R-00061346,
2 certain Parties raised the issue of unbundling of POLR costs from distribution
3 rates. As a potential solution, they proposed a purchase of receivables program as
4 an alternative to unbundling. Under a purchase of receivables program, the EDC
5 purchases the receivables of EGSs, and then the EDC must attempt to recover the
6 receivables from customers and bears the risk of incurring uncollectible costs. It
7 is Duquesne's position that the principal issue, if any, with regard to unbundling
8 POLR costs concerns the level of uncollectible costs in distribution rates. As
9 such, Duquesne determined that, depending upon the particular terms and
10 conditions, a purchase of receivables program could be a reasonable way to
11 resolve unbundling issues.

12
13 Therefore, as part of the settlement of Duquesne's distribution rate case,
14 Duquesne and the Parties agreed to consider the development of a POR program
15 for suppliers serving residential and small commercial customers in Duquesne's
16 service area as an alternative to further litigating the unbundling of POLR costs
17 from distribution rates. The settlement provided that if unanimous agreement (or
18 agreement not to oppose) by the Parties was achieved on a POR program, the
19 Parties agreed that there will be no further need to unbundle Duquesne's POLR
20 costs.

21
22 **Q. Please describe the process that resulted in the proposed POR agreement.**

23 A. Shortly after the negotiation of the settlement terms in the distribution rate case,
24 an internal team was convened at Duquesne to develop the framework of a POR
25 program to present to the rate case parties. The initial work of that team included
26 researching current POR programs or similar billing arrangements at other
27 utilities, both within the Commonwealth and in other jurisdictions where Parties
28 in the distribution rate case conduct business and to assess the impact of a POR
29 program on Duquesne's systems, procedures and service performance. The
30 outcome of that work was a proposed draft term sheet that was presented to the
31 parties in mid-October. (Dominion Retail, although not a party to Duquesne's

1 rate case, was also invited to and did participate in the negotiations as Dominion
2 currently provides service to a significant number of shopping customers in
3 Duquesne's service territory. They are therefore included in the group identified
4 as "parties" in my testimony.) Two meetings then followed at which all of the
5 parties had an opportunity to identify significant issues with the draft term sheet
6 and offer proposed changes. At that point, twelve parties representing EGSs,
7 consumers, the PUC and others were engaged in negotiating the POR agreement.
8

9 The majority of issues to be further addressed were generally the concerns of a
10 number of the EGSs. In order to move forward efficiently, a smaller group
11 consisting of representatives of the Company and three EGSs then met or talked
12 frequently over the next six weeks to negotiate the specific components of the
13 program and manner in which it is to be administered as it directly relates to the
14 EGSs. Once these matters had been dealt with and an overall compromise agreed
15 upon by the smaller group, a revised term sheet was presented to the larger group
16 of parties for consideration. After another round of comments from the parties,
17 consensus was reached and is embodied in the Agreement dated December 11,
18 2006 attached as Exhibit NJDK-1.
19

20 The resultant agreement is the product of significant compromise that, in my
21 opinion, fairly addresses the concerns of customers and all parties to the
22 agreement.
23

24 Program Description

25

26 **Q. Please provide an overview of the proposed POR program.**

27 A. Duquesne will purchase the accounts receivable, without recourse, associated
28 with EGS sales of retail electric commodity services to residential and small
29 commercial and industrial customers ("Small Customers") within Duquesne's
30 service territory. A small discount will be applied to the purchase price. Under
31 the POR program, Duquesne will reimburse EGSs for their customer billings for

1 transmission and generation supply service regardless of whether Duquesne
2 receives payment from the customer. Duquesne will seek to recover the EGS
3 receivables from EGS customers consistent with Duquesne's existing collection
4 procedures for recovery of billings to POLR customers, and incur any
5 uncollectible costs related to billings for EGSs.

6
7 **Q. What is the basis for the discount to the purchase price of the receivables?**

8 A. The discount has two components. Duquesne's existing distribution rates recover
9 from all customers Duquesne's costs of the POLR customers' uncollectible
10 expense based on the most recent rate case test period. The first component of the
11 discount rate gives recognition to that fact that Duquesne's distribution rates
12 currently do not recover any costs associated with EGS uncollectibles. The
13 discount component for EGS uncollectibles included in the agreement is a
14 negotiated rate that has been agreed to as reasonable by the parties during the
15 development of the specifics of the program.

16
17 The second component of the discount will recover incremental initial and
18 incremental ongoing operating and administrative costs associated with the POR
19 program.

20
21 **Q. What is the discount rate that will be applied to the receivables purchased
22 under this program?**

23 A. The parties have agreed that the first component, which will remain fixed
24 throughout the term of the program, is to be set at 0.42%. The second component
25 will initially equal 0.28%, to recover administrative costs estimated at \$750,000,
26 with recovery spread over the three-year term of the program. The second rate
27 component may be adjusted annually to reflect changes in administrative costs
28 and the levels of EGS billings under the program to ensure that there is no
29 significant under or over recovery of these costs.

1 **Q. What is the term of the POR program?**

2 A. The POR program is a pilot program and will become effective January 1, 2008,
3 with Duquesne using best efforts to implement the program at the earliest feasible
4 date. The POR program will remain in effect through December 31, 2010 and
5 will terminate on December 31, 2010. In a report filed with the Commission in
6 2010, Duquesne will either propose to continue the POR program under such
7 terms and conditions as it deems appropriate or provide an explanation as to why
8 the POR program should be discontinued after December 31, 2010.

9

10 **Q. Will the terms of the POR program be included in Duquesne's Supplier**
11 **Tariff?**

12 A. Yes. Exhibit NJDK-2 is a draft tariff supplement that reflects the proposed
13 changes to the Supplier Tariff to incorporate the POR program.

14

15 **Impact on Program Participants**

16

17 **Q. Does the POR program offer potential benefits for customers?**

18 A. Yes. EGSs participating in this POR program will "agree not to reject for
19 enrollment" a new customer covered by the program based on credit-related
20 issues. Any customer who wishes to be served by an EGS participating in the
21 POR program will be accepted by the EGS if that EGS is actively serving the rate
22 class to which that customer belongs. EGSs participating in the POR program
23 will no longer have to avoid serving low-income or poor credit customers due to
24 concerns about non-payment. This increased access to competitive choices
25 facilitates the migration of customers who might otherwise be overlooked by
26 EGSs due to poor credit scores or past financial troubles.

27

28 Additionally, the designation of one entity to handle all credit and collection and
29 several consumer protection functions eliminates the duplication of these
30 functions and costs at the utility and at each EGS. Customers should experience a
31 simplification in security requirements and costs as the POR program frees

1 residential and small C&I customers from potentially being required to post two
2 separate security deposits, and allows customers previously terminated due to
3 non-payment to avoid contending with two payment plans upon their return to
4 service.

5
6 The benefits should ultimately flow even to non-shopping customers. A
7 successful POR program will mitigate the problem of EGSs serving only good
8 credit customers, leaving the poor credit customers on utility default service.

9
10 **Q. How does the Agreement address the EGSs' customers who fail to pay the**
11 **utility bills underlying the purchased receivables?**

12 A. Under the Agreement, Duquesne will apply the same collection treatment to
13 customers associated with the POR program as the Company applies to its own
14 charges, with one exception. If an EGS customer faces termination of service for
15 failure to pay all or any portion of the bill for commodity and delivery service or
16 has been terminated and seeks reconnection of service, the basis for the payment
17 to avoid termination or accomplish reconnection will be the lower of: a) EGS
18 charges for commodity plus the Company's delivery charges or b) the amount the
19 customer would have been billed for service if the customer had received POLR
20 supply from Duquesne during the non-payment period. This provision will
21 protect customers from termination due to non-payment of unregulated EGS
22 charges in excess of Duquesne's default service rates.

23
24 Any termination of service shall be in accordance with the service termination
25 provisions contained herewith and consistent with the provisions of Chapter 14 of
26 the Pennsylvania Public Utility Code and Chapter 56 (or a successor chapter) of
27 the Commission's regulations.

28
29 **Q. Is the termination provision an important part of the POR program?**

30 A. The termination provision is an integral part of the program. The level of
31 discount that Duquesne applies to EGS' receivables was calculated based upon

1 the condition that allows Duquesne to terminate EGS customers that fail to pay
2 bills on the same non-discriminatory basis as its default service customers. If this
3 termination provision did not exist, at a minimum, the level of discount applied to
4 the EGS receivables would have to be considerably higher, making the POR
5 agreement a less attractive option to EGSs. In any event, a POR program that
6 does not include a right to terminate service to EGS customers for failure to pay
7 purchased receivables is not acceptable to Duquesne.

8
9 **Q. In the event that the EGS rate billed to a customer is greater than the POLR**
10 **rate and a customer pays only the POLR rate to avoid termination or**
11 **accomplish reconnection, how will Duquesne seek recovery of that remaining**
12 **unpaid balance, or EGS/POLR delta, on a customer's account?**

13 A. Duquesne will continue to subject that EGS/POLR delta account balance to
14 normal collection activities with the caveat that the delta will not be the basis for
15 service termination activity.

16
17 **Q. If ultimately not collected from the customer, will Duquesne seek recovery of**
18 **this delta from the EGS?**

19 A. No. Duquesne recognizes that it is assuming the collection risks associated with
20 EGS charges in excess of POLR rates, but has agreed to do so in the interest of
21 arriving at an agreement with all parties. As a result, customers in the POR
22 program are protected from termination due to failure to pay unregulated EGS
23 charges in excess of POLR charges.

24
25 **Q. The potential to be disconnected for non-payment of charges by an EGS (at**
26 **or below POLR charges) will be a change for shopping customers. How does**
27 **Duquesne propose to communicate this to customers?**

28 A. To ensure that all residential and small commercial and industrial customers are
29 provided notice of Duquesne's authority to conduct collection activities and, if
30 necessary, to terminate its delivery service and EGS commodity service,
31 Duquesne will notify all residential and small commercial and industrial

1 customers 60 days prior to the implementation of the program via bill insert that
2 those customers electing to take service from an EGS and receiving consolidated
3 billing for EGS services may be terminated consistent with the provisions of
4 Chapter 14 of the Pennsylvania Public Utility Code and Chapter 56 (or a
5 successor chapter) of the Commission's regulations. In addition, Duquesne will
6 modify its 10-day notice letter sent to new EGS customers confirming the EDI
7 814 Enrollment transaction to include a notice of Duquesne's authority to
8 terminate service if a customer fails to pay for either delivery service or EGS
9 commodity service (up to the POLR rate).

10
11 **Q. How does the POR program address EGSs' interests?**

12 A. The POR program eliminates the risk associated with credit-troubled customers,
13 providing an opportunity for EGSs to market to customers that they might
14 otherwise not consider. The POR program also allows the EGSs to avoid
15 incurring costs for upfront credit analysis of potential customers and the costs of
16 collection activities. In addition, the program eliminates the uncertainty for EGSs
17 surrounding the level of uncollectible accounts in the event of non-payments by
18 customers.

19
20 In regard to the specifics of the POR program in Duquesne's service area, many
21 features have been designed to provide protections and flexibility to participating
22 EGSs: the Company has agreed to fix the discount associated with EGS
23 uncollectibles, even though many factors could make those uncollectibles increase
24 significantly over current levels; the Company has agreed to allow the EGSs to
25 opt-into the program at any time in its term; the EGSs have been given rights of
26 review of the administrative costs as well as an adjustment clause that ensures that
27 only actual administrative costs incurred by Duquesne will be recovered through
28 the discount. Many of these features are more favorable to EGSs than similar
29 programs that exist in other jurisdictions.

30

1 Finally, this agreement allows all parties, including the EGSs, to avoid
2 contentious litigation associated with unbundling of POLR costs from distribution
3 rates.
4

5 **Q. How does this program compare to the programs the team reviewed in other**
6 **jurisdictions?**

7 A. The POR program proposed in this proceeding shares many of the features
8 contained in programs in other jurisdictions, such as a discount to the purchase
9 price, recovery of incremental and on-going implementation costs, the ability to
10 disconnect non-paying customers of participating EGSs and stated dispute
11 resolution processes. It should be noted, however, that in the majority of the other
12 programs reviewed, the discount rate to be applied to the purchased receivables
13 was based on the EDCs own historical uncollectible rate, rather than a negotiated
14 rate, and significantly exceeded the negotiated rate of 0.42% contained in
15 Duquesne's POR program. Additionally, the discounts in several of the programs
16 were subject to annual adjustment to reflect changes in the EDC's uncollectible
17 experience as compared to the fixed nature of the first component of the discount
18 in Duquesne's POR program. A number of the programs reviewed also contained
19 an additional discount component to compensate the company for the financial
20 risk that the actual uncollectible rate for the purchased receivable would be
21 greater than that in the previous year.
22

23 **Q. What are the benefits of the proposed POR for Duquesne?**

24 A. As structured, and to the extent that EGSs choose to participate, the proposal
25 provides Duquesne with a reasonable opportunity to recover its initial and on-
26 going costs to administer the POR program.
27

28 The program also contains a provision to protect Duquesne from potential EGS
29 behavior that would expose the Company to substantial risk by promoting pricing
30 structures, marketing strategies or other actions that would exploit the program for
31 the individual EGS' financial gain. Specifically, the terms of the agreement

1 contain an adjustment feature that can be applied to the discount rate for an
2 individual EGS if the 60-days or older uncollectible amount for that specific EGS
3 exceeds 5% of its total annual consolidated billings. The rate of 5% is more than
4 twice Duquesne's 60-day uncollectible rate, but will provide the Company with
5 some protection from a scenario in which an EGS might engage in unusual
6 behavior under the assurances of full payment from Duquesne.

7
8 Finally, this agreement allows all parties, including the Company, to avoid
9 contentious litigation associated with the unbundling of POLR costs from
10 distribution rates since the Agreement provides that there will be no further
11 unbundling of costs during the term of the Agreement.

12
13 **Q. Given the balance of interests that you describe, what do you recommend?**

14 A. I recommend that the Commission approve the POR agreement without
15 modification. A considerable effort prior to this filing was made by Duquesne
16 and other parties to develop this program. The POR program will promote retail
17 competition, and at the same time continue to protect customers and avoid
18 contentious litigation associated with the unbundling of POLR costs from
19 distribution rates.

20
21 **RETAIL TARIFF MODIFICATION**

22
23 **Q. What tariff modifications are included in Exhibit NJDK-3.**

24 A. Pages 2 – 2G itemize the modifications contained in the draft supplement to the
25 Company's retail Tariff submitted as Exhibit NJDK-3. Generally, the draft
26 supplement contains the new supply rates and rate design changes proposed by
27 the Company and sponsored by Mr. Pfrommer in his testimony, as well as
28 modifications to support the POR.

1 WAIVER OF COMMISSION REGULATIONS

2

3 Q. Is Duquesne requesting a waiver of any Commission regulations, policies or
4 guidelines with respect to the POR agreement?

5 A. Yes. Duquesne understands that in early guidelines issued by the Commission
6 during the restructuring process, the Commission stated that where an EDC
7 purchases accounts receivable from an EGS, the EDC cannot use the Chapter 56
8 termination process for nonpayment of EGS supply charges. *Final Order Re:*
9 *Guidelines for Maintaining Customer Services as the Same Level of Quality*
10 *Pursuant to 66 Pa. C.S. § 2807(D), and Assuring Conformance with 52 Pa. Code*
11 *Chapter 56 Pursuant to 66 Pa. C.S. § 2809(E) and (F), p. 39. Duquesne*
12 *respectfully requests a waiver of this guideline for its POR program. As*
13 *explained above, the termination provision is an integral part of the POR program.*
14 *Also, in Pennsylvania Power Company's ("Penn Power") recent default service*
15 *proceeding, the Commission recognized that EDCs cannot be compelled to*
16 *purchase EGSs' receivables, but encouraged Penn Power to develop a purchase of*
17 *receivables program. See Petition of Pennsylvania Power Company for Approval*
18 *of Interim POLR Supply Plan, Docket No. P-00052188, Order entered April 28,*
19 *2006, p. 152. In addition, the Commission has allowed Pike County Light &*
20 *Power Company ("Pike County") to terminate service to customers for failure to*
21 *pay supplier charges where Pike County agreed to purchase an EGS' receivables.*
22 *Petition of Direct Energy Services, LLC for Emergency Order Approving a Retail*
23 *Aggregation Bidding Program for Customers of Pike County Light & Power*
24 *Company, Docket no. P-00062205, Tentative Order entered April 6, 2006, p. 11,*
25 *Final Order entered April 20, 2006. For these reasons, a waiver of this guideline*
26 *is appropriate.*

27

28 Duquesne also understands that certain parties have contended in other
29 proceedings that allowing an EDC to terminate customers based on a failure to
30 pay EGS charges may conflict with certain regulations contained in Chapter 56 of
31 the Public Utility Code. Duquesne does not believe that any provision of Chapter

1 56 prohibits an EDC from terminating service to a customer for failure to pay
2 EGS' charges where the EDC has purchased the right to collect receivables for
3 that customer. This is particularly true for Duquesne's POR agreement because
4 under the agreement, Duquesne cannot terminate customers for EGS charges that
5 are higher than Duquesne's default service rates. However, because parties have
6 raised these arguments in other proceedings, Duquesne respectfully requests a
7 waiver of any provision of Chapter 56, to the extent necessary, for Duquesne to
8 terminate customers for failure to pay receivables purchased from EGSs for
9 commodity service under the terms and conditions of the POR agreement.
10 Duquesne also requests a general waiver of any other regulation, policy or
11 guideline, to the extent necessary, for Duquesne to implement all of the terms and
12 conditions of its POR program.

13
14 **Q. Does this conclude your testimony?**

15 **A. Yes.**

Duquesne Light Company

**Executed Purchase of Receivables Agreement
and Parties' Letters of Non-Opposition**

January 23, 2007

Purchase Of Receivables Agreement

This Agreement is entered into this 11th day of December, 2006 a Purchase of Receivables ("POR program") in the Duquesne Light Company service territory consistent with the terms set forth below:

Background

- As part of the Duquesne Light Company settlement to the distribution rate case the Joint Petitioners¹ at Docket No. R-00061346 agreed to consider the development of a POR program for suppliers serving residential and small commercial and industrial customers (inclusive of customers served under Rates RS, RH, RA, GS/GM and GMH, hereinafter referred to as "Small Customers") in Duquesne's territory as a potential alternative to full unbundling of POLR costs in distribution rates. If unanimous agreement (or agreement not to oppose) by the Parties was achieved on a POR program, the Parties agreed that there will be no further need to unbundle Duquesne's POLR costs. In addition to the Joint Petitioners other interested parties participated in the discussions relative to the development of a POR Program (hereinafter referred to as "Parties"²).
- If unanimous agreement (or agreement not to oppose) among the Parties is not achieved:
 - The Parties agreed that issues concerning further unbundling of distribution costs will be addressed in the proceeding to establish Default Service rates effective January 1, 2008 and Duquesne will submit an analysis in that proceeding addressing the further unbundling of distribution costs, including the issue of further unbundling of uncollectible accounts expense and the potential of purchasing EGS account receivables.
 - All Parties reserved the right: (1) to claim that it was inappropriate to unbundle any cost that is not avoidable by Duquesne when a customer elects to obtain supply service from an EGS and to the timing of implementation; or (2) to assert that a POR plan should be implemented in lieu of full POLR cost unbundling.
 - Duquesne agreed that it would not contend in such proceeding that unbundling of distribution rates cannot be undertaken in such proceeding because it was not a general rate proceeding.

Overview of POR Program and General Purpose

- Duquesne will purchase the accounts receivable, without recourse, associated with electric generation supplier ("EGS") sales of retail electric commodity services to residential and

¹ The Joint Petitioners included the Office of Trial Staff of the Pennsylvania Public Utility Commission, the Office of Consumer Advocate, the Office of Small Business Advocate, Duquesne Industrial Intervenors, Pennsylvania Large Energy Users Coalition, International Brotherhood of Electrical Workers Local 29, Constellation NewEnergy, Inc., NRG Energy Center Pittsburgh LLC, Reliant Energy, Inc., Citizen Power, Inc., Citizens for Pennsylvania's Future, Community Action Association of Pennsylvania, Retail Energy Supply Association, Strategic Energy, LLC, Direct Energy, LLC, Comcast of California/Pennsylvania/Utah/ Washington, Inc., Wal-Mart Stores East, LP, and Duquesne Light Company.

² For purposes of the Agreement the term "Parties" includes both signing and non-opposing parties. Dominion Retail, Inc. was not a party in Docket No. R-00061346, however, actively participated in the development of and is a signatory to this Agreement.

small commercial and industrial customers ("Small Customers") within Duquesne's service territory.

- Under the POR program, Duquesne will reimburse EGSs for their customer billings regardless of whether Duquesne receives payment from the customer, subject to the limitations set forth below.
- Duquesne will seek to recover the EGS receivables from EGS customers consistent with Duquesne's existing collection procedures for recovery of billings to POLR customers, and incur any uncollectible costs related to billings for EGSs.
- The purpose of the POR program is to encourage the development of competitive retail electric markets for residential and small commercial and industrial customers in Duquesne's service area.
- EGSs participating in this POR program will "agree not to reject for enrollment" a new customer covered by the program based on credit-related issues. Any customer who wishes to be served by an EGS participating in the POR program will be accepted by the EGS if that EGS is actively serving the rate class to which that customer belongs. If after being served by an EGS, the customer defaults on its payment obligation in a manner that requires Duquesne to terminate the customer's service, or to otherwise write-off as a bad debt any EGS payment amount, then Duquesne will subject the customer to the same collection treatment as Duquesne applies to address Duquesne's own charges, subject to the limitations described in this Agreement.
- The signing parties anticipate that a POR program could provide customers with several potential benefits:
 - Increased access to competitive choices -- by encouraging EGSs to accept all residential and small C&I customers, not only those with good credit scores, the POR program facilitates the migration of customers who might otherwise be overlooked by EGSs due to poor credit scores or past financial troubles.
 - Better economies of scale -- by designating one party to handle all credit and collections and several consumer protection functions. Duplicating credit and collections functions at the utility, and at each EGS, needlessly creates costs ultimately borne by customers.
 - Simplification of security requirements -- a POR program frees residential and small C&I customers from potentially being required to post two separate security deposits, and allows customers previously terminated due to non-payment to avoid contending with two payment plans upon their return to service.
 - Expansion of EGS customer base -- the POR program is also intended to avoid the potential problem of EGSs serving only good credit customers, leaving the poor credit customers on utility default service where they will escalate costs to all remaining default service customers.

Eligibility Requirements

- EGSs that choose Duquesne's consolidated billing option for all or a portion of their small customer accounts will be required to sell their accounts receivable to Duquesne for those customers for whom Duquesne issues a consolidated bill. EGSs may continue to issue their

own bills (dual billing) for commodity service, for all or a portion of their customers, but will not be eligible to participate in the POR program for those customers that receive dual billing. EGSs may choose to participate in the POR program with consolidated billing at any time during the term of the POR program as long as the EGS does not remove customer accounts from consolidated billing and the POR program for 12 consecutive billing cycles. For the purposes of the last sentence, a customer whose service is terminated or who voluntarily switches from the EGS' service to another generation provider has not been removed by the EGS from consolidated billing and the POR program.

Purchase Price

- EGSs' electric commodity (which is comprised of generation and transmission service) receivables will be purchased at a discount. The discount rate will reflect the costs related to the estimated incremental EGS uncollectible expenses and to recover incremental initial and incremental ongoing operating and administrative costs associated with the POR program. The methodology for establishing and revising these discount rates is specified in Appendix A to this Agreement.
- The initial discount rates for electric commodity will be determined November 1, 2007 and shall equal: the sum of 0.42% (i.e., a negotiated rate in lieu of estimated incremental EGS uncollectible expenses which shall remain fixed throughout the three-year Pilot Program) plus expected total incremental administrative costs to implement and operate the POR program spread over a three year recovery period, divided by the actual EGS consolidated billings for the most recent 12 month period. See Appendix A.
- The initial administrative cost rate will be set at 0.28%. This is based on a program implementation cost estimate of \$750,000. Duquesne will keep the Parties to this document abreast of implementation costs by providing a quarterly summary of costs incurred to the parties. If at any time Duquesne believes that the total implementation costs will exceed \$750,000, Duquesne will convene a meeting of the Parties to this document to discuss overall project management issues, including a revised scope and project viability.
- During the term of the three-year Pilot Program, beginning in January, 2008, the discount rate may be adjusted twice – once on February 1, 2009 and again on February 1, 2010 – to reflect Duquesne's most recent experiences of the total administrative discount cost to implement and operate the POR program (including actual incremental costs already incurred), less the actual total dollar amount of discounts from the prior calendar year(s) related to the recovery of administrative costs, divided by the number of years remaining in the recovery period, divided by the actual EGS consolidated billings for the most recent 12 month period.
- Duquesne will provide the updated discount rates to all Parties of this Agreement, as well as to EGSs authorized to serve customers in the Company's service territory, 60 days before the effective date of the discount rate change. This information will be provided in the form of an update to Appendix A.
- Duquesne will monitor individual EGS uncollectible percentage rates (measured as any unpaid amounts 60 days or older divided by that EGS's total annual consolidated billings), to determine whether any individual EGS is engaging in Unusual Business Behavior that results in an increase to the total uncollectible percentage rate for the Duquesne System. If, based on this monitoring, Duquesne finds that an individual EGS's uncollectible percentage rate

exceeds 5% (which is significantly above Duquesne's uncollectible percentage rate), then Duquesne, at its discretion, may increase the discount rate for that individual EGS's accounts to reflect the increased costs associated with the EGS's uncollectible accounts by the difference between the EGS's uncollectible percentage rate and 2%.³ For purposes of this calculation, Duquesne shall rely on the most recent 12 month period (or shorter if the EGS is new to the POR program) to calculate the EGS's uncollectible percentage rate. For example, if an individual EGS has an uncollectible percentage rate of 5.4% over a 12 month period, Duquesne could increase that individual EGS's discount rate by 3.4 percentage points. Duquesne, in its discretion, may opt to waive the imposition of the additional discount if the increase in the uncollectible rate results primarily from providing service to previously poor paying customers currently on POLR service and the individual EGS is able to provide a reasonable explanation for the significant increase in its uncollectible rate is not the result of a particular price offering, marketing strategy or other actions of the individual EGS. If, however, Duquesne determines that an additional discount is appropriate, the EGS may challenge that determination pursuant to the dispute resolution procedures discussed below. Should the result of those procedures uphold the EGS's position, Duquesne will refund to the EGS the additional discount withheld from their receivables. In the course of the dispute resolution, the EGS may be called upon to provide customer payment history for the small customers it serves, commodity pricing, and other such information deemed appropriate, subject to confidentiality agreement. The discount will be lowered to the level applicable to other EGSs when and if the particular EGS's uncollectible percentage rate decreases to a level of 2% or below over a 12 month period. If the particular EGS stops providing service to a customer under the POR program, the EGS must pay to Duquesne an amount equal to the increase to the discount multiplied by that customer's prior year's billings, to the extent that such amount has not already been paid on the date the EGS stops providing service to that customer.

- Duquesne will not be permitted to recover retroactively from distribution ratepayers any difference between discounts applied to EGS receivables and uncollected amounts resulting from the purchase of EGSs' billings.
- Other payment provisions:
 - If the EGS customer is on a budget or levelized payment plan, Duquesne shall only be obligated to purchase each month the amount of the monthly installment under the budget or levelized payment plan. Duquesne shall also purchase accounts receivable of EGS's customers based upon an estimated bill.
 - Duquesne shall add to or deduct from any payments due to EGSs amounts that may result from reconciliations, adjustments or recalculations of budget or levelized plans, estimated readings, cancel and rebills, or any applicable billing adjustment.

³ Duquesne is concerned that total uncollectible costs could increase substantially if EGSs price significantly above existing POLR rates and customers fail to pay EGS supply charges. Duquesne reserves the right to monitor this situation and address possible "gaming" of the POR program if such instances occur.

Timing of Payments

- Payments to EGSs will occur electronically; 35 days after consolidated bills are issued, and will continue throughout the billing cycle. If the 35th day falls on a weekend or bank holiday, payments will occur on the next business day.

Transfer of Collection Responsibilities and Rights from EGS to Duquesne

- Duquesne is entitled to receive and retain all payments from customers under the POR program.
- Duquesne is authorized to conduct collection activities and, if necessary, terminate its delivery service and EGS commodity service to customers whose accounts receivables were purchased and who fail to make payment of amounts due on the consolidated bill, including the amount of the purchased EGS receivables (up to the amount the customer would have been billed for commodity service if the customer had received POLR supply from Duquesne during the non-payment period). Any such termination of service shall be in accordance with the service termination provisions contained herewith and consistent with the provisions of Chapter 14 of the Pennsylvania Public Utility Code and Chapter 56 (or a successor chapter) of the Commission's regulations. Duquesne shall be authorized to terminate commodity service to an EGS customer if the customer's payments do not cover the amount the customer would have been billed if the customer were on POLR service, as referenced above.
- To ensure that all residential and small commercial and industrial customers are provided notice of Duquesne's authority to conduct collection activities and, if necessary, to terminate its delivery service and EGS commodity service, 60 days prior to the implementation date Duquesne will notify its Small Customers via bill insert that those receiving consolidated billing for EGS services may be terminated consistent with the provisions of Chapter 14 of the Pennsylvania Public Utility Code and Chapter 56 (or a successor chapter) of the Commission's regulations. In addition, Duquesne will modify its 10-day notice letter sent to new EGS customers confirming the EDI 814 Enrollment transaction to include a notice of Duquesne's authority to discontinue service for a customer's default on payments for both its delivery service and the EGS commodity service. The Parties to this Agreement and licensed EGSs in Duquesne's service territory will have the right to review this letter before it is used by Duquesne.
- A residential customer terminated from utility service under the POR program shall be reconnected to service upon the payment of the arrears that were subject to the termination or a lesser amount as set forth below. The required payment may include both delivery and EGS commodity charges.
- An EGS customer in the POR program that has been terminated for non-payment may be reconnected upon paying the lesser of: a) the sum of unpaid distribution charges (plus any applicable reconnection fees or deposits) and the amount billed for EGS commodity service, (or a payment arrangement required by applicable law); or b) the sum of unpaid distribution charges (plus any applicable reconnection fees or deposits) and the amount the customer would have been billed for commodity service if the customer had received POLR supply from Duquesne during the non-payment period (or a payment arrangement required by applicable law). At the time of reconnection the customer will be reconnected to the EGS or the default service provider of record.

Effect of Agreement

- By this Agreement Duquesne agrees to file this POR program as part of its upcoming POLR IV filing for Commission review and approval. The parties also agree that Duquesne need not submit an analysis to address further unbundling of POLR costs in its POLR IV proposal. Further, the parties agree that, subject to Commission approval of the POR program and so long as this Agreement is being honored by Duquesne, it will not be required to unbundle its distribution rates to remove POLR-related costs prior to December 31, 2010.
- Each signing party to this Agreement has expressly conditioned its support upon the approval and adoption of this Agreement in its entirety by the Commission. If the Commission does not approve this Agreement in its entirety, or with modifications accepted by all Parties, then each of the Parties reserves the right to withdraw its acceptance or its non-opposition to this Agreement by serving written notice on the Commission.
- No provision of this Agreement, nor any methodology or principle utilized herein, nor any of the positions taken herein by any Party may be cited or relied upon as precedent in any other proceeding before the Commission, or any other regulatory agency or before any court of law for any purpose other than the furtherance of the purposes, results and disposition of matters expressly governed by this Agreement. Further, this Agreement does not supersede or alter any existing agreements by or among the Parties.
- It is intended by the Parties that this Agreement, including the establishment and operation of the Pilot POR program, should continue without modification until December 31, 2010.
- The signing parties agree to support the POR program and make reasonable and good faith efforts to obtain approval of the POR program by the Commission and to present testimony and/or briefs supporting the POR Program in response to any challenges submitted by non-parties challenging or questioning the appropriateness of the POR Program. The non-opposing parties will indicate their non-opposition by letter to Duquesne which Duquesne will file with this Agreement.

Term

- The POR program is a pilot program and will become effective January 1, 2008, with Duquesne using best efforts to implement the program at the earliest feasible date. Payments made to EGSs related to billed supply charges on or after the implementation date will be subject to the purchase of receivables discount.
- The POR program will remain in effect as described through December 31, 2010 and will terminate on December 31, 2010.
- In its 2010 Performance and Monitoring report discussed below, Duquesne will either propose to continue the POR program under such terms and conditions as it deems appropriate or provide an explanation as to why the POR program should be discontinued.

Performance and Monitoring

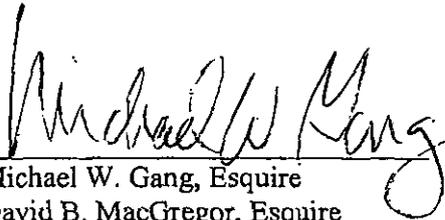
- Duquesne is required to file (and provide a copy to the parties) a performance report within 90 days following the end of each calendar year covered by the Term of the POR program. In addition, parties will have the opportunity to conduct a review of the program's performance within 90 days after Duquesne submits its performance report so that parties

may discuss the operation of the POR program and audit the calculation of the POR discount rate.

Dispute Resolution

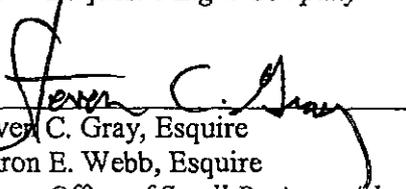
- To the extent concerns arise regarding the implementation of the provisions of the POR program, parties shall attempt to resolve such disputes according to the informal, internal and/or external dispute resolution procedures described in Duquesne's Supplier Tariff.
- With respect to discounts subsequent to the initial discount, any party may invoke mediation with respect to any change in the discount rate (but not with respect to the preceding discount rates) if the party believes that the Company has not established the change reasonably in accordance with this Agreement.
- Parties shall also have the right to resolve such disagreements in the Commission's dispute resolution process.

Respectfully submitted,



Michael W. Gang, Esquire
David B. MacGregor, Esquire
Andrew S. Tubbs, Esquire
Gary Jack, Esquire
For: *Duquesne Light Company*

Date: 12/11/06



Steven C. Gray, Esquire
Sharon E. Webb, Esquire
For: *Office of Small Business Advocate*

Date: 12/13/06



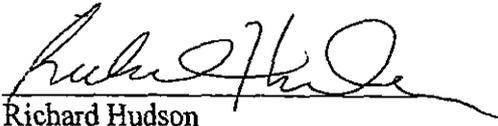
Daniel Clearfield, Esquire
Kevin J. Moody, Esquire
For: *Direct Energy, LLC*

Date: 12/11/06



Todd S. Stewart, Esquire
For: *Dominion Retail, Inc.*

Date: 12/13/06



Richard Hudson
For: Strategic Energy, LLC

Date: 12-13-06

Date: _____

Date: _____

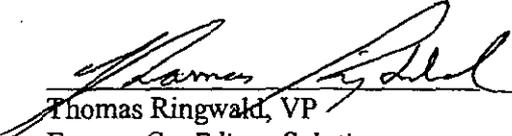
Non-Opposing Parties:

- Office of Trial Staff of the Pennsylvania Public Utility Commission
- Office of Consumer Advocate
- Citizen's For Pennsylvania's Future
- Citizen Power, Inc.
- Comcast of California/Pennsylvania/Utah/Washington, Inc.
- Community Action Association of Pennsylvania
- Constellation NewEnergy, Inc.
- Duquesne Industrial Intervenors
- Industrial Energy Consumers of PA
- International Brotherhood of Electrical Workers Local 29
- NRG Energy Center Pittsburgh LLC
- Pennsylvania Large Energy Users Coalition
- Reliant Energy, Inc.
- Retail Energy Supply Association
- Wal-Mart Stores East, L.P.

Richard Hudson

For: *Strategic Energy, LLC*

Date: _____


Thomas Ringwald, VP

For: *ConEdison Solutions*

Date: 12/12/06

Date: _____

Non-Opposing Parties:

Office of Trial Staff of the Pennsylvania Public Utility Commission

Office of Consumer Advocate

Citizen's For Pennsylvania's Future

Citizen Power, Inc.

Comcast of California/Pennsylvania/Utah/Washington, Inc.

Community Action Association of Pennsylvania

Constellation NewEnergy, Inc.

Duquesne Industrial Intervenors

Industrial Energy Consumers of PA

International Brotherhood of Electrical Workers Local 29

NRG Energy Center Pittsburgh LLC

Pennsylvania Large Energy Users Coalition

Reliant Energy, Inc.

Retail Energy Supply Association

Wal-Mart Stores East, L.P.

Appendix A

Overview: Adjusts estimated incremental administrative costs based on actual costs incurred, updated projections and dollars already collected from EGSs. Spreads remaining dollars over remaining period and most recent experience of EGS billings (given changes in shopping levels and EGS pricing).

Incremental/Administrative Cost Discount			Comments
Initial Discount Rate Established November 1, 2007 (FOR PURPOSES OF ILLUSTRATION)			
a	DLC POR Administrative Costs	\$ 750,000 Estimate of incremental implementation and ongoing operating costs. (Taking into account costs incurred to date and projected incremental costs).	To be updated on November 1, 2007. The parties would agree now to the categories and types of costs Duquesne would submit.
b	Recovery Period in Years	3	Costs to be recovered over 3 years.
c=a/b	Annual Revenue Requirement	\$ 250,000	
d	Total Billed EGS Charges	\$ 89,756,777 Most recent 12 month period available.	To be updated on November 1, 2007.
e=c/d	EGS Administrative POR Discount	<input type="text" value="0.28%"/>	
Methodology Used to Adjust Discount Rate on February 1, 2009*			
	Updated DLC POR Administrative Costs:		
	xxxxx	0	
f	Total Administrative Costs	\$ 725,000 Revised estimate of incremental implementation and ongoing operating costs. (Taking into account costs incurred to date and projected incremental costs).	To be updated on February 1, 2009 and February 1, 2010. The parties would agree now to the categories and types of costs Duquesne would submit.
g	Less Total Dollar Amount of EGS Admin. Discounts Paid from Prior Month(s)	\$ 275,000 Based on prior admin. discount rate * prior EGS billings.	Actual costs recovered from EGSs to date over life of POR program reflecting changes in EGS sales and pricing.
h=f-g	Remaining Balance, Administrative Costs Yet to be Recovered	\$ 450,000	
i	Years Remaining in Recovery Period	2	
j=h/i	Revised Annual Revenue Requirement	\$ 225,000	
k	Total Billed EGS Charges	\$ 100,000,000 Most recent 12 months available.	To be updated on February 1, 2009 and February 1, 2010.
l=j/k	Revised EGS Administrative Cost Discount	<input type="text" value="0.23%"/>	
* Note: The same methodology would be used to adjust the discount rate on February 1, 2010.			

DEC 15 2006

R-00061346

IN REPLY PLEASE
REFER TO OUR FILE



COMMONWEALTH OF PENNSYLVANIA
PENNSYLVANIA PUBLIC UTILITY COMMISSION
P.O. BOX 3265, HARRISBURG, PA 17105-3265

December 11, 2006

Michael Gang, Esquire
Post & Schell, P.C.
17 North Second Street
12th Floor
Harrisburg, PA 17101-1601

Re: *Pennsylvania Public Utility Commission v. Duquesne Light
Company*; Docket No. R-00061346

Dear Mr. Gang:

The Office of Trial Staff will not be a signatory to the Purchase of Receivables (POR) program agreement, but, as indicated previously, does not oppose the agreement.

If you have any questions or concerns, please contact me.

Sincerely,

Robert V. Eckenrod
Prosecutor
Attorney I.D. No. 84889

COMMONWEALTH OF PENNSYLVANIA



DEC 12 2006

OFFICE OF CONSUMER ADVOCATE

555 Walnut Street, 5th Floor, Forum Place
Harrisburg, Pennsylvania 17101-1923
(717) 783-5048
800-684-6560 (in PA only)

IRWINA. POPOWSKY
Consumer Advocate

FAX (717) 783-7152
consumer@paoca.org

December 11, 2006

Michael Gang, Esquire
Post & Schell, P.C.
17 North Second Street
12th Floor
Harrisburg, PA 17101-1601

RE: Pennsylvania Public Utility Commission
v.
Duquesne Light Company
Docket No. R-00061346

Dear Mr. Gang:

The Office of Consumer Advocate will not be a Signing Party to the Purchase of Receivables (POR) program agreement, but does not oppose the agreement.

Copies have been served on the parties of record as indicated on the enclosed Certificate of Service.

Sincerely,

A handwritten signature in cursive script that reads "Tanya J. McCloskey".

Tanya J. McCloskey
Senior Assistant Consumer Advocate
PA Attorney I.D. # 50044

cc: Parties of Record

00091882.DOC



Citizens for Pennsylvania's Future
Regional Enterprise Center
425 Sixth Avenue, Suite 2770
Pittsburgh, PA 15219-1858

December 11, 2006

Michael Gang, Esquire
Post & Schell, P.C.
17 North Second Street, 12th Floor
Harrisburg, PA 17101-1601

Mr. Gang:

Citizens for Pennsylvania's Future will not oppose the Purchase of Receivables Agreement between the parties participating in those discussions.

If you have any questions, please contact me at (412) 258-6684.

Sincerely,

George Jugovic, Jr.

George Jugovic Jr.
Senior Attorney

cc: All parties



STINSON
MORRISON
HECKER LLP

John E. McCaffrey
(202) 728-3013
jmccaffrey@stinsonmoheck.com
www.stinsonmoheck.com

DEC 12 2006

1150 18th Street N.W., Suite 800
Washington, D.C. 20036-3816

Tel (202) 785-9100
Fax (202) 785-9163

December 11, 2006

VIA FEDERAL EXPRESS

Michael W. Gang, Esq.
Andrew S. Tubbs, Esq.
Post & Schell, P.C.
17 North Second Street
Twelfth Floor
Harrisburg, PA 17101-1601

Re: *Pennsylvania Public Utility Commission v. Duquesne Light
Company*, Docket No. R-00061346

Dear Messrs. Gang and Tubbs:

On behalf of Citizen Power, Inc. the undersigned hereby states that Citizen Power neither supports nor opposes the Purchase of Receivables Agreement in the referenced proceeding.

Should you require any further information, please do not hesitate to contact me.

Respectfully yours,

STINSON MORRISON HECKER LLP

John E. McCaffrey

An attorney for Citizen Power, Inc.

cc: All parties (via electronic mail)

KANSAS CITY
OVERLAND PARK
WICHITA
WASHINGTON, D.C.
PHOENIX
ST. LOUIS
OMAHA
JEFFERSON CITY

MORRIS, NICHOLS, ARSHT & TUNNELL LLP

DEC 14 2006

1201 NORTH MARKET STREET
P.O. Box 1347
WILMINGTON, DELAWARE 19899-1347

302 658 9200
302 658 3989 FAX

GEOFFREY A. SAWYER, III
302 351 9417
302 498 6221 FAX
gsawyer@mnat.com

December 8, 2006

VIA FIRST CLASS MAIL

Michael Gang, Esquire
Post & Schell
17 North Second Street, 12th Floor
Harrisburg, PA 17101-1601

Re: Pennsylvania Public Utility Commission v. Duquesne Light Company;
Docket No. R-00061346 - POR Program

Dear Mike:

Comcast of California/Pennsylvania/Utah/Washington, Inc. will not be a Signing Party to the Purchase of Receivables ("POR") program agreement, but does not oppose the agreement.

Sincerely,



Geoffrey A. Sawyer, III

GAS:lf
548696

cc: Parties of Record (via email)

BURKE VULLO REILLY ROBERTS

ATTORNEYS AT LAW

1460 Wyoming Avenue
Forty Fort, PA 18704
Phone (570) 288-6441 + Fax (570) 288-4598

*Formerly Burke & Burke
Thomas F. Burke, Sr. (1932-1972)*

www.bvrrlaw.com

JOSEPH L. VULLO
jlvullo@bvrrlaw.com

December 13, 2006

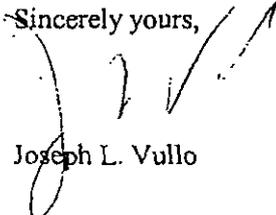
Michael W. Gang, Esquire
Post & Schell, P.C.
12th Floor
17 North Second Street
Harrisburg, PA 17101-1601

RE: Pennsylvania Public Utility Commission v. Duquesne Light Company
Docket No. R-00061346
Purchase of Receivables Agreement

Dear Mr. Gang:

Community Action Association of Pennsylvania will not be a signing party to the Purchase of Receivables Agreement ("Agreement"), but does not oppose the Agreement.

Sincerely yours,


Joseph L. Vullo

JLV/jar

cc: All Parties of Record (via email)

DEC 13 2006

Brian J. Knipe
(717) 237-4820
brian.knipe@bipc.com

One South Market Square
213 Market Street, 3rd Floor
Harrisburg, PA 17101-2114

T 717.237.4800
F 717.233.0852

www.bipc.com

December 13, 2006

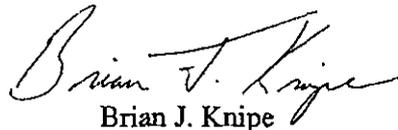
Michael W. Gang, Esquire
Post & Schell, P.C.
12th Floor
17 North Second Street
Harrisburg, PA 17101-1601

Re: Pennsylvania Public Utility Commission v. Duquesne Light Company,
Docket No. R-00061346 —
Purchase of Receivables Agreement

Dear Mr. Gang:

Constellation NewEnergy, Inc. will not be a Signing Party to the Purchase of Receivables Agreement ("Agreement"), but does not oppose the Agreement.

Very truly yours,



Brian J. Knipe

For BUCHANAN INGERSOLL & ROONEY, P.C.

BJK/eh

cc: Certificate of Service (via e-mail)



McNees Wallace & Nurick LLC
attorneys at law

DEC 11 2006

PAMELA C. POLACEK
DIRECT DIAL: (717) 237-5368
E-MAIL ADDRESS: PPOLACEK@MWN.COM

December 11, 2006

Michael W. Gang, Esquire
Post & Schell, P.C.
17 North Second Street
Harrisburg, PA 17101-1601

VIA HAND DELIVERY

**RE: PA Public Utility Commission v. Duquesne Light Company;
Docket No. R-00061346**

Dear Mr. Gang:

The Duquesne Industrial Intervenors ("DII") submits this letter to indicate that it neither supports nor opposes the Purchase of Receivables Agreement.

Please feel free to contact us with any questions regarding this letter.

Very truly yours,

McNEES WALLACE & NURICK LLC

By 
Pamela C. Polacek

Counsel to the Duquesne Industrial
Intervenors

PCP:nk

c: Certificate of Service



McNees Wallace & Nurick LLC
attorneys at law

PAMELA C. POLACEK
DIRECT DIAL: (717) 237-5368
E-MAIL ADDRESS: PPOLACEK@MWN.COM

December 15, 2006

Michael W. Gang, Esquire
Post & Schell, P.C.
17 North Second Street
Harrisburg, PA 17101-1601

VIA HAND DELIVERY

**RE: PA Public Utility Commission v. Duquesne Light Company;
Docket No. R-00061346**

Dear Mr. Gang:

The Industrial Energy Consumers of Pennsylvania ("IECPA") submits this letter to indicate that it neither supports nor opposes the Purchase of Receivables Agreement.

Please feel free to contact us with any questions regarding this letter.

Very truly yours,

McNEES WALLACE & NURICK LLC

By

Pamela C. Polacek

Counsel to the Industrial Energy
Consumers of Pennsylvania

PCP:nk

c: Certificate of Service

DEC 19 2006

Scott J. Rubin
Attorney ♦ Consultant

3 Lost Creek Drive ♦ Selinsgrove, PA 17870 ♦ (570)743-2233 ♦ Fax: (570)743-8145 ♦ scott@publicutilityhome.com

December 18, 2006

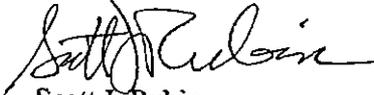
James McNulty, Secretary
Pa. Public Utility Commission
P.O. Box 3265
Harrisburg PA 17105-3265

Re: Pa. PUC v. Duquesne Light Company
Docket No. R-00061346

Dear Secretary McNulty:

Please be advised that International Brotherhood of Electrical Workers, Local 29 ("Local 29") has not participated in negotiations concerning the Purchase of Receivables program and related issues contained in the proposed settlement. As a result, Local 29 will not be taking a position on the proposed settlement.

Sincerely,


Scott J. Rubin

DEC 13 2006

Brian J. Knipe
(717) 237-4820
brian.knipe@bipc.com

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December 13, 2006

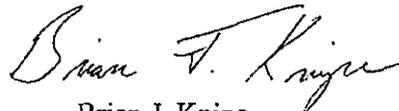
Michael W. Gang, Esquire
Post & Schell, P.C.
12th Floor
17 North Second Street
Harrisburg, PA 17101-1601

Re: Pennsylvania Public Utility Commission v. Duquesne Light Company,
Docket No. R-00061346 —
Purchase of Receivables Agreement

Dear Mr. Gang:

NRG Energy Center Pittsburgh LLC will not be a Signing Party to the Purchase of Receivables Agreement ("Agreement"), but does not oppose the Agreement.

Very truly yours,



Brian J. Knipe
For BUCHANAN INGERSOLL & ROONEY, P.C.

BJK/eh

cc: Certificate of Service (via e-mail)

**Sutherland
Asbill &
Brennan LLP**
ATTORNEYS AT LAW

PAUL F. FORSHAY
DIRECT LINE: 202.383.0708
E-mail: paul.forshay@sablaw.com

DEC 18 2006
1275 Pennsylvania Avenue, NW
Washington, DC 20004-2415
202.383.0100
fax 202.637.3593
www.sablaw.com

December 14, 2006

Michael Gang, Esq.
Post & Schell, P.C.
17 North Second Street
12th Floor
Harrisburg, PA 17101-1601

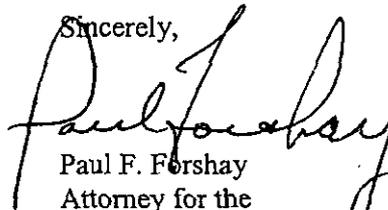
Re: Pennsylvania Public Utility Commission v.
Duquesne Light Company, Docket No. R-00061346

Dear Mr. Gang:

The Pennsylvania Large Energy Users Coalition neither supports nor opposes the Purchase of Receivables (POR) program agreement.

Please contact me if you have any questions.

Sincerely,



Paul F. Forshay
Attorney for the
Pennsylvania Large Energy Users Coalition

Enclosures

cc: All Parties (via email)

WO 674692.1

DEC 13 2006

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December 13, 2006

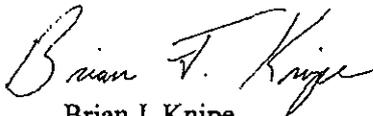
Michael W. Gang, Esquire
Post & Schell, P.C.
12th Floor
17 North Second Street
Harrisburg, PA 17101-1601

Re: Pennsylvania Public Utility Commission v. Duquesne Light Company,
Docket No. R-00061346 —
Purchase of Receivables Agreement

Dear Mr. Gang:

Reliant Energy, Inc. will not be a Signing Party to the Purchase of Receivables Agreement ("Agreement"), but does not oppose the Agreement.

Very truly yours,



Brian J. Knipe

For BUCHANAN INGERSOLL & ROONEY, P.C.

BJK/eh

cc: Certificate of Service (via e-mail)

DEC 8 2006

WolfBlock

213 Market Street, 9th Floor, P.O. Box 865, Harrisburg, PA 17108-0865
Tel: (717) 237-7160 ■ Fax: (717) 237-7161 ■ www.WolfBlock.com

Kevin J. Moody
Direct Dial: (717) 237-7187
Direct Fax: (717) 237-2767
E-mail: kmoody@wolfblock.com

December 8, 2006

VIA HAND DELIVERY

Michael Gang, Esquire
Post & Schell
17 North Second St., 12th Fl.
Harrisburg, PA 17101-1601

Re: Pennsylvania Public Utility Commission v. Duquesne
Light Company; Docket No. R-00061346 - POR Program

Dear Mike:

The Retail Energy Supply Association will not be a Signing Party to the Purchase of Receivables ("POR") program agreement, but does not oppose the agreement.

Sincerely,



Kevin J. Moody

For WOLF, BLOCK, SCHORR and SOLIS-COHEN LLP

KJM/jls

cc: Parties of Record (via email)

HAR:70112.1/MID051-236834

Boston, MA ■ Cherry Hill, NJ ■ Harrisburg, PA ■ New York, NY ■ Norristown, PA ■ Philadelphia, PA ■ Roseland, NJ ■ Wilmington, DE
WolfBlock Government Relations - Harrisburg, PA ■ WolfBlock Public Strategies - Boston, MA and Washington, DC

Wolf, Block, Schorr and Solis-Cohen LLP, a Pennsylvania Limited Liability Partnership

DEC 15 2006

**SMIGEL, ANDERSON
& SACKS** LLP
ATTORNEYS AT LAW

SCOTT H. DeBROFF, ESQUIRE

PHONE: (717) 234-2401

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EMAIL: sdebrott@sasllp.com

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December 13, 2006

File No.
9006-2-3

Michael Gang, Esquire
Post & Schell, P.C.
17 North Second Street
12th Floor
Harrisburg, PA 17101-1601

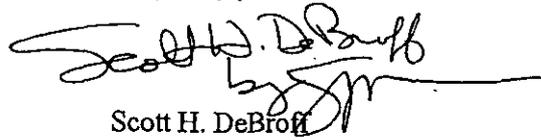
Re: **Pennsylvania Public Utility Commission**
v.
Duquesne Light Company
Docket No. R-00061346

Dear Mr. Gang:

Wal-Mart Stores East, LP will not be a signatory to the Purchase of Receivables (POR) program agreement, but does not oppose the agreement.

If you have any questions or concerns, please contact me.

Very truly yours,



Scott H. DeBroff
Counsel for Wal-Mart Stores East, LP

SHD/ddm
Enclosures
cc: All parties of record

Duquesne Light Company

**Proposed Changes
to Duquesne Light Company's
Electric Generation Supplier Coordination Tariff Electric – PA. P.U.C. No. 3S**

January 23, 2007

SUPPLEMENT NO. X
TO ELECTRIC - PA. P.U.C. NO. 3S

DUQUESNE LIGHT COMPANY

ELECTRIC GENERATION SUPPLIER COORDINATION TARIFF

Issued By

DUQUESNE LIGHT COMPANY
411 Seventh Avenue
Pittsburgh, PA 15219

Morgan K. O'Brien
President and Chief Executive Officer

Issued: XXX

Effective: January 1, 2008

NOTICE

THIS TARIFF ADDS A NEW RULE AND MODIFIES AN EXISTING RIDER

LIST OF MODIFICATIONS MADE BY THIS TARIFF

CHANGES

Definitions of Terms and Explanations of Abbreviations

**First Revised Page No. 6B
Cancelling Original Page No. 6B**

Transmission Losses have been updated to reflect the Company's line loss study performed in September 2005 supporting the distribution rates approved by the Commission's final order at R-00061346 dated December 1, 2006.

Rule No. 12 – Payment and Billing

**First Revised Pages No. 30
Cancelling Original Pages No. 30
Original Pages No. 30A – 30C**

Rule No. 12.1.5 – Company Reimbursement to EGS for Customer Payments

Rule No. 12.1.7 – Purchase of EGS Receivables

Rule No. 12.1.5 has been modified and Rule No. 12.1.7 has been added to Rule No. 12 to incorporate the proposed Purchase of Receivables Program relative to the receivables associated with small customers served by EGSs utilizing the Company's billing services.

Real Power Distribution Losses Table

**First Revised Page No. 49
Cancelling Original Page No. 49**

Distribution Line Losses have been updated to reflect the Company's line loss study performed in September 2005 supporting the distribution rates approved by the Commission's final order at R-00061346 dated December 1, 2006.

DEFINITION OF TERMS AND EXPLANATION OF ABBREVIATIONS - (Continued)

Peak Load Contributions (PLCs) - A customer's contribution to the DLC Zone's normalized summer peak load, as calculated by the zone's Electric Distribution Company and used in determining a Load Serving Entity's Peak Load obligation.

Pennsylvania Public Utility Commission or Commission - The Pennsylvania Public Utility Commission.

Pilot Customer(s) - A customer participating in the Company's Customer Choice pilot program.

PJM - PJM Interconnection, L.L.C.

PJM Control Area - the area encompassing electric systems recognized by the North American Electric Reliability Council as the "PJM Control Area".

PJM Miscellaneous Charges - PJM miscellaneous energy related allocations or charges or credits to the LDC, and not to the LSE, including but not limited to those related to PJM allocated "ECAR Automatic Reserve Sharing". PJM Grid Management, Transitional Market and Transitional costs collected through Rider 1 of the Retail Tariff are excluded from Miscellaneous Charges.

PJM OI - the PJM Office of Interconnection, the system operator for the PJM Control Area.

PJM Tariff - the PJM Open Access Transmission Tariff on file with the FERC and which sets forth the rates, terms and conditions of transmission service over transmission facilities located in the PJM Control Area.

Preliminary Forecast - The week ahead hourly forecast for energy to be supplied the following week.

Residual Losses - Residual Losses/Unaccounted for Energy = PJM Zonal Energy Requirement - ((summation of EGS consumption adjusted for Transmission and Distribution Losses) + (POLR consumption adjusted for Transmission and Distribution Losses)).

Retail Load Responsibility (RLR) - For non-metered and monthly metered load, the sum total of the estimated hourly load plus transmission losses, distribution losses, and the EGS's pro rata share of UFE within the service territory of the EDC, for which the EGS must provide energy to its customers. For hourly metered customers, the sum total of the hourly consumed load of all of an EGS's customers, adjusted for transmission losses, distribution losses and the EGS's pro rata share of UFE within the service territory of the EDC, for which the EGS must provide energy to its customers.

Scheduling Coordinator - Entity that performs one or more of an EGS's Coordination Obligations, including the submission of energy schedules to the PJM OI, and that either is (1) a member of the PJM Interconnection, L.L.C. or (2) is the agent, for scheduling purposes, of one or more Electric Generation Suppliers that are members of the PJM Interconnection, L.L.C.

Tariff - This Electric Generation Supplier Coordination Tariff.

Transmission Losses - Real Power Transmission Losses are associated with all transmission service. The Transmission Provider is not obligated to provide Real Power Losses. The Transmission Customer is responsible for replacing losses associated with all transmission service as calculated by the Transmission Provider. The applicable Real Power Transmission Loss factor is 0.8%.

(C) - Indicates Change

(C)

RULES AND REGULATIONS - (Continued)

12. PAYMENT AND BILLING

12.1 CUSTOMER BILLING BY THE COMPANY All EGS charges to customers, if billed by the Company, shall be billed in accordance with the EDC Tariff and the following provisions:

12.1.1 COMPANY BILLING FOR EGS The Company will bill price plans offered by the EGS which are based on fixed and variable charges similar to those the Company employs for billing distribution service and default Provider-of-Last-Resort service. Nothing in this rule shall require the Company to manually bill customers. Within this context, if the Company's billing system has the capability to bill the price plans offered by the EGS, the EGS may request the Company to do all or some of the billing for the EGS's customers based on the customers' preferences. In addition, the Company will include on its bill EGS late fees and payment arrangements as required by the Pennsylvania Public Utility Commission. However in no case shall the Company require the EGS to provide separate customer lists or perform unique scheduling and reconciliation services for customers billed directly by the Company.

12.1.2 BILLING FILES Where the EGS has requested the Company to act as the EGS's billing agent the Company shall electronically transmit files of billing detail daily to the EGS. Such files shall include the Company account number, rate codes, usage information, demand and energy charges, sales tax, and other EGS charges. Billing files transmitted shall have control totals to assure all data was received by the EGS. Control totals include the number of records on the file and significant totals (e.g. total kWh billed, total amount billed, total tax). All billing files will be in a format consistent with standards developed by the EDEWG.

12.1.3 BUDGET BILLING The Company will develop dual tracking systems to administer budget billing and apply payments for EGS charges and Company charges.

12.1.4 EGS TAX RESPONSIBILITY The Company is not responsible for paying or remitting on behalf of an EGS taxes including, but not limited to, Pennsylvania Gross Receipts Tax, Pennsylvania Public Utility Realty Tax, Pennsylvania Capital Stock Tax and Pennsylvania Corporate Net Income Tax.

12.1.4.1 SALES TAX EXEMPTION With respect to customers receiving one bill from the Company, the EGS for whom the Company is billing must provide to the Company the applicable sales tax exemption percentage for each customer. The Company will use the sales tax exemption percentage provided by the EGS for billing the EGS's charges. The EGS is responsible for holding appropriate exemption certificates and is liable for the collection and remittance of sales tax on the EGS's charges. The Company will use a zero exemption percentage if no percentage is provided by an EGS.

12.1.5 COMPANY REIMBURSEMENT TO EGS FOR CUSTOMER PAYMENTS For EGSs serving small customers, defined as those on Rate Schedules RS, RH, RA, GS/GM and GMH, the Company shall forward payment in accordance with the provisions of Rule No. 12.1.7 below. For receivables associated with EGS sales to all other customers, the Company shall reimburse the EGS within 14 days of receipt of payment for all energy charges, late fees, sales taxes, and any other taxes and charges collected on behalf of the EGS from the customer consistent with Section 2807 (c) (3) of the Competition Act. (C)

12.1.6 EGS BILLING DATA The EGS shall provide all necessary data in its possession for the timely computation of bills. A failure of the EGS to provide necessary data to the Company in a timely fashion may delay generation of a bill for the month to which the data pertain. In such instances, the EGS is responsible for all fines and violations, if any, arising as a consequence of the Company's inability to render a timely bill.

RULES AND REGULATIONS - (Continued)

12. PAYMENT AND BILLING - (Continued)

12.1.7 PURCHASE OF EGS RECEIVABLES (POR) PILOT PROGRAM Duquesne will purchase the accounts receivable, without recourse, associated with EGS sales of retail electric commodity, comprised of generation and transmission services, to small customers within Duquesne's service territory. Small customers are those taking delivery service under the Company's retail tariff Rates RS, RH, RA, GS/GM and GMH. Under the POR program, Duquesne will reimburse EGSs for their customer billings regardless of whether Duquesne receives payment from the customer, subject to the limitations set forth below. Duquesne will seek to recover the EGS receivables from EGS customers consistent with Duquesne's existing collection procedures for recovery of billings to POLR customers, and incur any uncollectible costs related to billings for EGSs. The POR program is a pilot program and will become effective January 1, 2008, and will remain in effect as described through December 31, 2010 and will terminate on December 31, 2010. In the Performance Report to be filed with the Commission in 2010 (described below) Duquesne will either propose to continue the POR program under such terms and conditions as it deems appropriate or provide an explanation as to why the POR program should be discontinued as of December 31, 2010.

(C)

12.1.7.1 ELIGIBILITY REQUIREMENTS EGSs that choose Duquesne's consolidated billing option for all or a portion of their small customer accounts will be required to sell their accounts receivable to Duquesne for those customers for whom Duquesne issues a consolidated bill. (EGSs may continue to issue their own bills [dual billing] for commodity service, for all or a portion of their customers, but will not be eligible to participate in the POR program for those customers that receive dual billing.) EGSs may choose to participate in the POR program with consolidated billing at any time during the term of the POR program as long as the EGS does not remove customer accounts from consolidated billing and the POR program for 12 consecutive billing cycles. A customer whose service is terminated or who voluntarily switches from the EGS' service to another generation provider is not considered to have been removed by the EGS from consolidated billing and the POR program.

EGSs participating in this POR pilot program will agree not to reject for enrollment a new customer covered by the program based on credit-related issues. Any customer who wishes to be served by an EGS participating in the POR program will be accepted by the EGS if that EGS is actively serving the rate class to which that customer belongs.

12.1.7.2 PURCHASE PRICE DISCOUNT EGSs' electric commodity receivables will be purchased at a discount. The discount rate will be comprised of two components reflecting 1.) the costs related to the estimated incremental EGS uncollectible expenses which will remain fixed throughout the pilot program, and 2.) recovery of incremental initial and incremental ongoing operating and administrative costs associated with the POR program which will be adjusted twice during the pilot program. The discount rate for electric commodity shall equal 0.70%, the sum of 0.42% for the first component and 0.28% for the second component.

12.1.7.2.1 PURCHASE PRICE DISCOUNT ADJUSTMENT During the term of the three-year Pilot Program, beginning in January, 2008, the discount rate may be adjusted twice - once on February 1, 2009 and again on February 1, 2010 - to reflect Duquesne's most recent experiences of the total administrative discount cost to implement and operate the POR program (including actual incremental costs already incurred), less the actual total dollar amount of discounts from the prior calendar year(s) related to the recovery of administrative costs, divided by the number of years remaining in the recovery period, divided by the actual EGS consolidated billings for the most recent 12 month period.

Duquesne will provide the updated discount rates to EGSs authorized to serve customers in the Company's service territory 60 days before the effective date of the discount rate change.

RULES AND REGULATIONS - (Continued)

12. PAYMENT AND BILLING - (Continued)

12.1.7 PURCHASE OF EGS RECEIVABLES (POR) PILOT PROGRAM - (Continued)

12.1.7.2.2 PURCHASE PRICE DISCOUNT ADJUSTMENT FOR INDIVIDUAL EGS Duquesne will monitor individual EGS uncollectible percentage rates (measured as any unpaid amounts 60 days or older divided by that EGS's total annual consolidated billings), to determine whether any individual EGS is engaging in Unusual Business Behavior that results in an increase to the total uncollectible percentage rate for the Duquesne System. If, based on this monitoring, Duquesne finds that an individual EGS's uncollectible percentage rate exceeds 5%, then Duquesne, at its discretion, may increase the discount rate for that individual EGS's accounts to reflect the increased costs associated with the EGS's uncollectible accounts by the difference between the EGS's uncollectible percentage rate and 2%. For purposes of this calculation, Duquesne shall rely on the most recent 12-month period (or shorter if the EGS is new to the POR program) to calculate the EGS's uncollectible percentage rate. Duquesne, in its discretion, may opt to waive the imposition of the additional discount if the increase in the uncollectible rate results primarily from providing service to previously poor paying customers currently on POLR service and the individual EGS is able to provide a reasonable explanation for the significant increase in its uncollectible rate is not the result of a particular price offering, marketing strategy or other actions of the individual EGS. If, however, Duquesne determines that an additional discount is appropriate, the EGS may challenge that determination pursuant to the dispute resolution procedures discussed below. Should the result of those procedures uphold the EGS's position, Duquesne will refund to the EGS the additional discount withheld from their receivables. In the course of the dispute resolution, the EGS may be called upon to provide customer payment history for the small customers it serves, commodity pricing, and other such information deemed appropriate, subject to confidentiality agreement. The discount will be lowered to the level applicable to other EGSs when and if the particular EGS's uncollectible percentage rate decreases to a level of 2% or below over a 12 month period. If the particular EGS stops providing service to a customer under the POR program, the EGS must pay to Duquesne an amount equal to the increase to the discount multiplied by that customer's prior year's billings, to the extent that such amount has not already been paid on the date the EGS stops providing service to that customer.

12.1.7.3 TIMING OF PAYMENTS Payments to EGSs will occur electronically; 35 days after consolidated bills are issued, and will continue throughout the billing cycle. If the 35th day falls on a weekend or bank holiday, payments will occur on the next business day.

12.1.7.4 OTHER PAYMENT PROVISIONS If the EGS customer is on a budget or levelized payment plan, Duquesne shall only be obligated to purchase each month the amount of the monthly installment under the budget or levelized payment plan. Duquesne shall also purchase accounts receivable of EGS's customers based upon an estimated bill. Duquesne shall add to or deduct from any payments due to EGSs amounts that may result from reconciliations, adjustments or recalculations of budget or levelized plans, estimated readings, cancel and rebills, or any applicable billing adjustment.

12.1.7.5 TRANSFER OF COLLECTION RESPONSIBILITIES AND RIGHTS Under the POR program, Duquesne is entitled to receive and retain all payments from customers. Duquesne is authorized to conduct collection activities and, if necessary, terminate its delivery service and EGS commodity service to customers whose accounts receivables were purchased and who fail to make payment of amounts due on the consolidated bill, including the amount of the purchased EGS receivables (up to the amount the customer would have been billed for commodity service if the customer had received POLR supply from Duquesne during the non-payment period). Any such termination of service shall be in accordance with the

RULES AND REGULATIONS - (Continued)

12. PAYMENT AND BILLING - (Continued)

12.1.7 PURCHASE OF EGS RECEIVABLES (POR) PILOT PROGRAM - (Continued)

12.1.7.5 TRANSFER OF COLLECTION RESPONSIBILITIES AND RIGHTS - (Continued)

service termination provisions contained herewith and consistent with the provisions of Chapter 14 of the Pennsylvania Public Utility Code and Chapter 56 (or a successor chapter) of the Commission's regulations. Duquesne shall be authorized to terminate commodity service to an EGS customer if the customer's payments do not cover the amount the customer would have been billed if the customer were on POLR service, as referenced above. A residential customer terminated from utility service under the POR program shall be reconnected to service upon the payment of the arrears that were subject to the termination or a lesser amount as set forth below. The required payment may include both delivery and EGS commodity charges.

An EGS customer in the POR program that has been terminated for non-payment may be reconnected upon paying the lesser of: a) the sum of unpaid distribution charges (plus any applicable reconnection fees or deposits) and the amount billed for EGS commodity service, (or a payment arrangement required by applicable law); or b) the sum of unpaid distribution charges (plus any applicable reconnection fees or deposits) and the amount the customer would have been billed for commodity service if the customer had received POLR supply from Duquesne during the non-payment period (or a payment arrangement required by applicable law). At the time of reconnection the customer will be reconnected to the EGS or the default service provider of record.

12.1.7.6 PROGRAM PERFORMANCE AND MONITORING Duquesne is required to file (and provide a copy to the parties) a performance report within 90 days following the end of each calendar year covered by the Term of the POR program. In addition, parties will have the opportunity to conduct a review of the program's performance within 90 days after Duquesne submits its performance report so that parties may discuss the operation of the POR program and audit the calculation of the POR discount rate.

12.1.7.7 DISPUTE RESOLUTION To the extent concerns arise regarding the implementation of the provisions of the POR program, parties shall attempt to resolve such disputes according to the informal, internal and/or external dispute resolution procedures described in this tariff at Rule No. 18. Parties shall also have the right to resolve such disagreements in the Commission's dispute resolution process.

TABLE 1

Real Power Distribution Losses

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Rate Schedule	Percentage of Loss
AL - Architectural Lighting Service	6.1%
GL - General Service Large	2.9%
GLH - General Service Large Heating	2.9%
GMH - General Service Medium Heating	5.3%
GS/GM - General Service Small and Medium	5.3%
HVPS - High Voltage Power Service	0
L - Large Power Service	2.9%
RA - Residential Service Add On Heat Pump	6.1%
RH - Residential Service Heating	6.1%
RS - Residential Service	6.1%
SE - Street Lighting Energy	6.1%
SH - Street Lighting Highway	6.1%
SM - Street Light Municipal	6.1%
MTS - Municipal Traffic Signals	6.1%
PAL - Private Area Lighting	6.1%