

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

**I/M/O THE JOINT PETITION OF PUBLIC )  
SERVICE ELECTRIC AND GAS COMPANY ) BPU DKT. NO. EM05020106  
AND EXELON CORPORATION FOR ) OAL DKT. NO. PUC-1874-05  
APPROVAL OF A CHANGE IN CONTROL )  
OF PUBLIC SERVICE ELECTRIC AND GAS )  
COMPANY AND RELATED AUTHORIZATIONS )**

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**TESTIMONY OF NANCY BROCKWAY  
ON BEHALF OF THE  
NEW JERSEY DIVISION OF THE RATEPAYER ADVOCATE**

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**REDACTED VERSION**

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1           **I/M/O THE JOINT PETITION OF PUBLIC SERVICE ELECTRIC AND GAS COMPANY**  
2           **AND EXELON CORPORATION FOR APPROVAL OF A CHANGE IN CONTROL OF**  
3           **PUBLIC SERVICE ELECTRIC AND GAS COMPANY AND RELATED AUTHORIZATIONS**  
4                           **BPU DOCKET No. EM05020106**  
5                           **OAL DOCKET No. PUC-1874-05**  
6  
7

8                           **DIRECT TESTIMONY OF NANCY BROCKWAY**

9                           **ON BEHALF OF NEW JERSEY RATEPAYER ADVOCATE**  
10

11   **Q.     Please state your name, affiliation and address.**

12   A.     My name is Nancy Brockway. I am the principal of NBrockway & Associates, 10  
13           Allen Street, Boston, MA 02131.

14   **Q.     On whose behalf are you testifying in this proceeding?**

15   A.     I am testifying on behalf of the New Jersey Division of the Ratepayer Advocate  
16           (Ratepayer Advocate).

17   **Q.     Please describe your qualifications.**

18   A.     Since 1983, my professional focus has been the energy and utility industries, with  
19           particular attention to the role of regulation in the protection of consumers and the  
20           environment. I was for several years a hearing officer and advisor to the Maine  
21           Public Utilities Commission and the Massachusetts Department of Public  
22           Utilities, including two years as General Counsel of the Massachusetts  
23           commission. I was an expert witness on consumer and low-income utility issues  
24           for nine years, with the National Consumer Law Center. I was a Commissioner  
25           on the New Hampshire Public Utilities Commission from 1998 to 2003, and since

1           then have been a consultant on regulatory utility issues to state commissions,  
2           ratepayer advocates, and unions. My resume is attached as Exhibit NB-SQ-1.

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

4   A.    The purpose of my testimony is to address the impact of the proposed merger of  
5           Public Service Electric and Gas Company (PSE&G or the Company) and Exelon  
6           (Petitioners) on PSE&G's service quality, safety and reliability.

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

8   A.    My testimony is organized as follows:

- 9           • I first state my understanding of the standard to be applied to the merger,  
10           and its application to the questions of service quality, safety and  
11           reliability.
- 12           ○ I note the representations made by the Petitioners as to these  
13           issues.
- 14           ○ I summarize the risks that the merger poses to the fulfillment of  
15           utility obligations in the areas of service quality, reliability and  
16           safety.
- 17           ○ I summarize my recommendations to Your Honor and the Board of  
18           Public Utilities (BPU or Board).
- 19           • I next examine the impact of the proposed merger on (a) customer service  
20           quality, (b) electric reliability, and (c) gas safety and reliability,  
21           respectively:



- 1  
2           ○ A requirement to continue the existing program of hiring and  
3           training skilled personnel, e.g., new linemen and gas operations  
4           personnel- as needed, to ensure sufficient staffing over time; and  
5  
6           ○ A requirement to continue to use PSE&G staff to mark out  
7           underground facilities under the One-Call program.  
8

9   **Q.    Are there any service quality topics you will not be addressing in this**  
10 **testimony?**

11   A.    I will not be addressing issues related to payment centers, and to deposit and  
12        disconnection policies and practices, and the like. While all residential customers  
13        are affected by poor management of these areas, the impacts fall especially hard  
14        on low-income consumers, so these issues will be addressed by Roger Colton on  
15        behalf of the Ratepayer Advocate.

16 **Q.    Please summarize your testimony on service quality, safety and reliability.**

17   A.    Pursuant to a recent determination of the Board, the Petitioners must show  
18        positive net benefits to justify the proposed merger.<sup>1</sup> In the area of customer  
19        service, safety and reliability they have not done so. They represent that there  
20        will be no net harm to these aspects of operations from the merger, and make  
21        vague allusions to possible improvements. These representations are insufficient  
22        to protect New Jersey interests and fail to satisfy the positive benefits standard  
23        mandated by the Board.

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<sup>1</sup> See Transcript from June 22, 2005 Board Agenda Meeting (“ Based on our discussions, the Commissioners believe that Exelon must provide evidence that...the proposed acquisition is in the best interest of the public and that Public Service customers will receive some positive benefits.”)

1 Mergers often produce results that are unanticipated at the time of the  
2 merger. More specifically, Petitioners here do not account for the risks to New  
3 Jersey from the fact that the locus of management, revenues and assets will shift  
4 away from New Jersey if the merger is approved. Nor do they account for the  
5 fact that PSE&G's track record in customer service, safety and reliability may  
6 well be undermined by the proposed standardization of practices with those of  
7 Exelon utility affiliates ComEd and PECO, whose performance has generally  
8 been worse than that of PSE&G.

9 To protect New Jersey, and to hold the Petitioners to their promises  
10 regarding service quality, safety and reliability, I recommend that, should the  
11 Board approve the merger, it condition such approval on the Petitioners' meeting  
12 a set of service quality guarantees, and service quality, safety and reliability  
13 standards accompanied by penalties for sub-par performance.

14

15 **UTILITY MERGERS:**  
16 **STANDARD, PETITIONER REPRESENTATIONS, AND RISKS GENERALLY**

17

18

19 **Q. Please describe the standard adopted by the Board for review of this merger,**  
20 **as you understand it.**

21 A. It is my understanding that the Board will require the merger proponents to  
22 demonstrate positive benefits from the merger. In addition, N.J.S.A. 48:2-51.1  
23 requires that "in considering a request for approval of an acquisition of control,

1 the [B]oard shall evaluate the impact of the acquisition on ... the provision of safe  
2 and adequate utility service at just and reasonable rates.”

3 **Q. What representations do the Petitioners make regarding customer service**  
4 **post-merger?**

5 A. The Petitioners state that customer service levels will, at a minimum, remain at  
6 current levels. John Rowe, CEO of Exelon, states that Exelon is committed to  
7 maintaining and enhancing what he describes as PSE&G’s outstanding record of  
8 performance in customer service. Rowe Direct Testimony at p. 11, Exhibit JP-2 .  
9 Specifically, Exelon “anticipates further that modifications to the call center and  
10 customer service operations likely will result in improved revenue collection,  
11 lower costs, and through the sharing of best practices, improved response to  
12 customer concerns.” S-DCA-15.

13 **Q. What further representations do the petitioners make regarding customer**  
14 **service, safety and reliability?**

15 A. Ralph Izzo, President and Chief Operating Officer of PSE&G, testifying for the  
16 Petitioners, states that “there will be no adverse impact on utility reliability,  
17 customer service, or safety.” Izzo Direct Testimony at 7-8. He also testifies that  
18 the proposed merger should “enhance PSE&G’s ability to render safe and reliable  
19 service.” *Id.* at 3. He testifies that, in fact, “our goal is to provide additional  
20 benefits to customers by implementing additional best practices that will result in  
21 system improvements.” *Id.* at 8.

1           Mr. Izzo also states that “we will strive to remain among the very best  
2           electric and gas delivery companies from a safety perspective.” *Id.* at 4. Mr. Izzo  
3           testifies that PSE&G’s goal post-merger is to continue to achieve reliability  
4           indices that rank in the first and second quartile of regional utilities. *Id.* at 5. Mr.  
5           Izzo states that Exelon is committed to ensuring that sufficient financial and  
6           workforce resources are provided “to maintain high service standards.” *Id.*

7           Mr. Izzo also testifies that access to the greater resources of the merged  
8           entity should result in increased customer satisfaction and be particularly helpful  
9           in the areas of “enhanced ...customer care.” *Id.* at 5-6. Mr. Izzo further states  
10          that sharing of best practices in the metering and new technologies arena will  
11          bring new opportunities to PSE&G’s customers. *Id.* at 6. Mr. Izzo testifies that  
12          “investments will continue to be made in order to improve the long term  
13          performance of our electric and gas infrastructure.” *Id.* He concludes that the  
14          incentives to maintain high levels of service will only increase following  
15          consummation of the proposed merger. *Id.* at 8.

16   **Q.   Are these representations sufficient to meet the Petitioners’ obligations with**  
17   **respect to the merger standard?**

18   A.   No. There are two problems with these representations. First, they do not  
19   actually constitute promises to provide net benefits to New Jersey, and second,  
20   they are not reliable promises.

1 **Q. Please explain further why the representations of the Petitioners are**  
2 **insufficient to satisfy their burden with respect to service quality, system**  
3 **safety and reliability.**

4 A. Details of how service quality, safety and reliability will be improved, much less  
5 maintained, are strikingly lacking from the filing. Improving revenue collections  
6 and lowering costs are not the same as providing net benefits in terms of customer  
7 service, safety or reliability. Indeed, the emphasis on lowering costs in order to  
8 achieve synergy benefits may not only threaten any improvements in such  
9 performance areas, but may threaten to undermine current levels of performance.  
10 Further, keeping customer service and reliability performance at current levels  
11 does not represent a net benefit to New Jersey customers. Also, the mere  
12 anticipation of the sharing of best practices among the three operating utilities  
13 involved in this merger does not provide a solid basis for concluding that there  
14 will be improved response to customer concerns. Finally, requiring that PSE&G  
15 attain only the second quartile of results for comparable utilities, which is the  
16 extent of Mr. Izzo's declared goal for the Company (Izzo Direct Testimony at 5),  
17 would set the bar lower than PSE&G sets it at present, and in any event much too  
18 low.

19 **Q. Are there further reasons to conclude that the Petitioners have not proven**  
20 **their commitments are reliable?**

21 A. Yes. The Petitioners acknowledge that many key decisions in these and other  
22 areas of the combined companies have yet to be made, and state that they cannot

1 and will not be made until the merger is consummated. See, for example, RAR-  
2 SQ-37, -45, -54, -110(UPDATE), -111; S-OCI-SYN-132; S-DCA-7, S-DCA-29;  
3 LOCAL 601-II-12 [customer service and related staffing issues]; S-ENE-REL-22  
4 [management organization post-merger]; S-ENE-REL-3 [organization of capital  
5 improvement planning process]; S-JAC-REL-109 [identification of engineering  
6 positions to be eliminated]; RAR-RR-89 [no detailed plans for employment  
7 levels]; S-ENE-REL-2 (UPDATE) [identification of electric reliability best  
8 practices]; S-JAC-REL-9 [review of gas distribution functions and best practices];  
9 S-JAC-REL-140 [there is no current list of best practices; identification of best  
10 practices will take place over an extended period]. Thus, the validity of the  
11 claims cannot be evaluated on the current record.

12 Further, Exelon cannot even demonstrate that it achieved any savings for  
13 ComEd or PECO as a result of the Unicom/PECO merger. Exelon did not track  
14 merger savings and costs-to-achieve in that merger. Nor did Exelon track the  
15 extent to which ComEd and PECO in fact shared resources and “best practices,”  
16 much less that they benefited from the sharing. RAR-SQ-60, S-ENE-REL-1.  
17 There is no way to assess whether Exelon fulfilled the promises it made to  
18 regulators when it sought to buy PECO, and there is no reason to place more  
19 confidence in the present estimates of continued operating quality for PSE&G  
20 post-merger, much less the stated expectations of net operating benefits from the  
21 instant proposal.

1           In addition, the Petitioners have not even attempted to show that the  
2           asserted “best practices” can only be identified and implemented in the context of  
3           a merged entity. The electric and gas utility industries have numerous  
4           conferences and training sessions where best practices are identified and shared.  
5           There is a large and vibrant consulting industry that collects information about  
6           best practices and helps utilities incorporate it into their own practice. The  
7           industry, through organizations such as EPRI and the GTI, sponsors research into  
8           best practices that is available to their members. While PSE&G may gain detailed  
9           access to ComEd and PECO’s way of doing business, the Petitioners do not show  
10          that this way is a good model to follow, among the many models available in the  
11          industry.

12       **Q. In general, what are the risks to customer service, safety and reliability posed**  
13       **by the proposed merger?**

14       A. There are three key risks to utility operations posed by the proposed merger.  
15       First, the merger will shift the locus of utility management, budgeting, policy  
16       formation, and attention away from New Jersey. Second, in the particular case of  
17       customer service, safety and reliability, Petitioners propose to merge PSE&G with  
18       two operating utilities, ComEd and PECO, whose track record in these areas is  
19       generally worse than that of PSE&G. Exelon intends to standardize operations  
20       across all three utilities. This plan poses a risk that PSE&G’s operating practices  
21       will be standardized to those of the Exelon utilities, to the detriment of its  
22       performance. Third, Exelon proposes to change billing systems, cut call center

1 and other customer service staff, and make other changes in order to achieve cost  
2 reductions (“synergies”) needed to make the proposed merger economic. These  
3 changes and reductions would threaten existing service quality.

4 **Q. Please explain your concern that the proposed merger will shift the focus of**  
5 **utility management, budgeting, policy formation, and attention away from**  
6 **New Jersey?**

7 A. The proposed merger would hamper the Board’s effective control over PSE&G.  
8 The locus of management would shift to Chicago. According to Mr. Rowe, local  
9 management would be allowed to make day to day decisions. However the  
10 prefiled testimony of Ruth Ann M. Gillis, Senior Vice President of Exelon  
11 Corporation and President of Exelon Services Company, as well as that of Mr.  
12 Izzo, coupled with responses to data requests, show that the parent company will  
13 exercise executive control so as to promote “consistency with system-wide  
14 operational and financial goals.” RAR-SQ-67. See also S-ENE-REL-22  
15 (UPDATE), and RAR-SQ-57, RAR-SQ-66. We may anticipate that the parent  
16 will accordingly oppose or attempt to thwart contrary policies that are initiated in  
17 New Jersey for New Jersey concerns.

18 **Q. Why do you say that the ability of the Board to set regulatory policy for**  
19 **PSE&G will be compromised if Exelon is permitted to buy PSE&G? The**  
20 **New Jersey Board of Public Utilities will still have jurisdiction over retail**  
21 **distribution functions, will it not?**

1 A. The Board will continue to have legal jurisdiction, but as the Board knows, the  
2 ability to control utility action has practical limits. The submersion of PSE&G  
3 into the much larger Exelon unit will have impacts on the Board's exercise of its  
4 jurisdiction in many ways. Today PSE&G management has no reason to look  
5 outside New Jersey for direction as to policy positions to advance before the  
6 Board. If the proposed merger goes through, executives in Chicago will  
7 ultimately dictate the position New Jersey management should promote before the  
8 Board. It would be difficult to imagine a case where PSE&G's management  
9 would submit a position to the BPU that was opposed by Exelon executives in  
10 Chicago. In this way, it is clear to see that PSE&G management will not really  
11 have effective authority to do what is right for New Jersey customers.

12 Also, unlike present PSE&G management, post-merger PSE&G  
13 management will need to consider Chicago's concerns before deciding whether to  
14 acquiesce in a Board-initiated policy decision. The potential is for more instances  
15 of conflict, with the attendant drain on regulatory resources. Further, PSE&G will  
16 have a built-in reason for promoting an alternative more consistent with overall  
17 Exelon policy, and it will be difficult to overcome this objection: PSE&G will  
18 always be able to say that it will be more expensive for it to perform a regulated  
19 function in the Board-preferred way, if that is not the way Exelon prefers. The  
20 Board can insist on its policy choices when the issue is important, but will have to  
21 think twice before insisting that PSE&G deviate from the Exelon way in less  
22 critical areas.

1                    Obviously, not every docket before the Board involves a critical policy  
2                    decision. In cases involving less critical areas, the Board will have to consider  
3                    whether to press the policy when PSE&G claims it is not cost-effective to change  
4                    because the utility now does it differently due to the merger. This consideration  
5                    would not be needed if there were no merger. Essentially, over time, in such a  
6                    multi-state holding company situation, state regulation is diluted.

7    **Q.    Are these concerns hypothetical only, or can you provide examples of this**  
8                    **merger impact?**

9    A.    The dilution of a state's oversight ability is not a hypothetical concern. The  
10                    Board has seen merger promises made by petitioners seeking Board approval,  
11                    only to see those promises unfulfilled once the approval is given. In one recent  
12                    case, JCP&L and FirstEnergy made glowing promises that sounded much like  
13                    those made here by PSE&G and Exelon. For example, as the Board stated in its  
14                    Order approving the merger:

15                    First Energy asserts that it is committed to the provision of safe and  
16                    reliable service...and will assure that there are sufficient operating/line  
17                    personnel and managerial staff within JCP&L's service territory to fulfill  
18                    that commitment... The Joint Petitioners assert that the proposed  
19                    transaction will have no adverse impact on JCP&L's continued ability to  
20                    provide safe, adequate and proper utility service to its customers in New  
21                    Jersey, nor will it affect the Board's continuing jurisdiction over the  
22                    adequacy and reliability of customer service.<sup>2</sup>  
23

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2 I/M/O Joint Petition of FirstEnergy Corporation and Jersey Central Power & Light Company For Approval of a Change in Ownership, etc., Order of Approval, BPU Docket No. EM00110870, September 26, 2001, at 9-10.

1                   Despite these promises, JCP&L customers have had problems with  
2                   reliability as the Board noted in JCP&L's last base rate case order:

3                   During the course of litigating and deliberating on this case, the Board was  
4                   compelled to deal with a number of operating problems directly  
5                   attributable to JCP&L's failure to appropriately maintain system  
6                   reliability. ... The Board cannot ignore these recurring reliability  
7                   problems, and determined to take immediate action to construct an interim  
8                   remedial regulatory incentive mechanism....The Board will use the  
9                   allowed return on equity as the most direct and powerful signal that they  
10                  can send to the company to improve their system reliability and do it as  
11                  soon as practicable. The Board ORDERS that the Company's return on  
12                  equity be reduced ... 25 basis points...<sup>3</sup>  
13

14                  Thus, the Board has had to use a reduction in the return on equity and  
15                  aggressive regulatory intervention to promote improvements in service quality  
16                  and reliability. Such aggressive techniques by the Board, absent the merger, may  
17                  not have been necessary to achieve the same result.

18   **Q.   In your experience, have you seen instances of the erosion of regulatory**  
19   **control and diminution in management attention to local concerns, as the**  
20   **result of a merger?**

21   A.   Yes. As a regulator, I have seen the lack of regulatory control experienced when  
22   a utility is a small part of a large and remote utility. Mr. Rowe of Exelon is  
23   personally familiar with how successful a strategy of benign indifference to  
24   regulatory initiatives can be. When he took over as CEO of New England  
25   Electric System (NEES) (parent of Massachusetts Electric and New Hampshire-

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3 I/M/O Verified Petition of Jersey Central Power & Light Company For Review and Approval of an Increase in and Adjustments to Its Unbundled Rates, etc., Final Order, Docket Nos. ER02080506 et al, July 25, 2003, p. 38.

1 based Granite State Electric, since bought by National Grid), NEES became  
2 expert in charting its own course, relying on the implicit threat of litigation,  
3 including preemption by FERC, to persuade Massachusetts regulators to allow the  
4 Massachusetts utility to take a different path from that required of other  
5 Massachusetts utilities, in such areas as rate design and non-utility generation. If  
6 the Massachusetts Commissioners desired a different policy path for  
7 Massachusetts Electric, they knew it would come at the price of a contested  
8 proceeding if utility management was not inclined to agree.

9 As a Commissioner in New Hampshire I experienced the impact that such  
10 a shift in the locus of control and revenues has on the attention span of senior  
11 management. When a large out-of-state utility bought up a New Hampshire-  
12 based utility, too often the result was that New Hampshire regulatory concerns  
13 became secondary to management. The corporate parent wanted, understandably  
14 from its perspective, to eliminate differences in how each subsidiary carried out  
15 the same functions, and to install one IT or billing system for all the utilities in the  
16 holding company, whether or not the existing system was better-tailored to New  
17 Hampshire issues. As a result, the Commission got much stiffer push-back from  
18 management than before the merger, if we sought a solution to a New Hampshire  
19 problem that required a different process or different software from that imposed  
20 uniformly on the subsidiaries regardless of state.

21 When British-based National Grid took over NEES, management  
22 responsiveness to the concerns of New England regulators dropped. Key staff

1 knowledgeable about long-standing local practices were moved or removed, and  
2 management became less desirous of accommodating regulatory directions,  
3 absent litigated proceedings. National Grid began introducing billing and  
4 collection practices out of line with the historic emphasis in Massachusetts on  
5 consumer and low-income protections.

6 Another example is the case of the acquisition by NiSource of Bay State  
7 Gas, the parent of Northern Utilities. After the merger, NiSource got into  
8 financial difficulties through its acquisition of another large utility, Columbia Gas.  
9 Dealing with the resulting debt load became the paramount issue to management.  
10 NiSource imposed a firm-wide hiring freeze that squeezed the staffing in its New  
11 England call center (which serviced gas customers in Massachusetts, New  
12 Hampshire and Maine). As shown by the reports filed with the New Hampshire  
13 Public Utilities Commission, call answering rates plummeted. Several meetings  
14 with the Company by New England regulatory staff produced no responses and  
15 no improvements.

16 All three state commissions had to initiate formal enforcement actions to  
17 get management's attention to the problem. The Maine Public Utilities  
18 Commission (Maine PUC) conducted a management audit, ~~A~~Order Initiating  
19 Management Audit and Investigation of Service Quality Incentive Plan,<sup>@</sup> Me.  
20 PUC 2002-140 (May 16, 2002). As a result of this investigation, the Maine PUC  
21 approved a Service Quality Plan for Northern Utilities, Inc., in which the Maine  
22 Commission imposed a maximum penalty of \$300,000 for failure to meet eleven

1 performance targets.<sup>4</sup> In 2003, the Massachusetts commission opened an  
2 investigation, docketed as D.T.E. 03-10.

3 In response to the post-merger customer service problems experienced by  
4 New Hampshire customers, the Director of the New Hampshire Public Utilities  
5 Commission Consumer Affairs Division filed testimony in the rate case of Bay  
6 State's affiliate, Northern Utilities, NH PUC Docket No. DG 01-182, in which she  
7 recommended the imposition of service quality standards with penalties for failure  
8 to comply. We adopted the standards as part of a settlement of the case.  
9 Subsequently, we fined Bay State's New Hampshire subsidiary, Northern  
10 Utilities, Inc., five times in the first half of 2003, for failure to meet call center  
11 performance requirements established by the Order approving Bay State's  
12 acquisition of Northern Utilities. As a result of New Hampshire's repeated  
13 application of the penalty provisions, the company dedicated certain call center  
14 staff to responding to New Hampshire calls.

15 Finally, after the Maine, Massachusetts and New Hampshire commissions  
16 took regulatory action, the staffing at the call center gradually was increased, and  
17 call center performance began to improve. This sequence of events can be seen  
18 by a review of the Company's reports to the New Hampshire Commission.

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<sup>4</sup> "Maine PUC Orders Service Quality Plan for Northern Utilities, Inc." (March 29, 2004), available at:  
[http://www.state.me.us/mpuc/staying\\_informed/news/news\\_releases/prNUIMgtAudit.htm](http://www.state.me.us/mpuc/staying_informed/news/news_releases/prNUIMgtAudit.htm)

1           It should not be necessary to undertake formal litigation of such problems,  
2           but NiSource placed a lower priority on the service quality of its New England  
3           subsidiary utilities than it should have, and by its inaction forced regulators to  
4           choose between allowing poor service and initiating formal proceedings.

5   **Q.   Are there other risks to utility operations that may arise as a result of the**  
6   **proposed merger?**

7   A.   Yes. Once a merger is consummated, events can overtake even the most  
8           compelling forecasts of what was likely to occur. Also, the effort to achieve  
9           predicted synergies can put pressure on achievement of service and operational  
10          goals.

11   **Q.   Given these risks, how much confidence can the Board have in the**  
12   **representations of Exelon regarding improvements in customer service areas,**  
13   **and why?**

14   A.   The Board should not put significant weight on the representation that, if the  
15          merger is approved, there will be no adverse impact on utility reliability, safety or  
16          customer service. Nor should the Board rely on the Petitioners' representations to  
17          the effect that the proposed merger would lead to increased customer satisfaction,  
18          enhanced customer care, and enhanced ability to render safe and reliable gas and  
19          electric service.

20   **Q.   Are there further reasons to question the idea that this merger will enable**  
21   **PSE&G to maintain high standards of service, safety and reliability?**

1 A. Yes. In response to questions exploring the implications of the Petitioners' claims  
2 for improved capacities resulting from the merger, PSE&G protests that it has in  
3 the past and continues to have the financial strength and flexibility to meet its  
4 service obligations without the merger. RAR-SQ-18. Similarly, PSE&G denies  
5 that it now has sub-optimal problem-solving capabilities and operations absent the  
6 merger. RAR-SQ-25. In other words, PSE&G does not and could not assert that  
7 only by virtue of the merger could it maintain or improve its quality of service,  
8 safety, and reliability.

9 **Q. Are there still other reasons to be skeptical that this merger will improve**  
10 **PSE&G's customer service, safety or reliability?**

11 A. Yes. It is as likely that ComEd and PECO will learn from PSE&G as it is that  
12 PSE&G will learn from either of them. For example, Petitioners acknowledge  
13 that ComEd and PECO plan to take advantage of PSE&G's superior track record  
14 in achieving good CAIDI and SAIFI electric reliability results. S-ENE-REL-2  
15 (Update). Similarly, at an interview conducted in September by the Board's  
16 consultants with representatives of PSE&G, a PSE&G representative responsible  
17 for electric reliability stated that it would be difficult to get better results for  
18 CAIDI and SAIFI than PSE&G now provides, under any circumstances. Even  
19 these PSE&G managers do not expect significant positive impacts on electric  
20 reliability coming from the proposed merger.

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1 **CUSTOMER SERVICE QUALITY**

2  
3 **Q. Please explain what you mean by customer service, and why quality**  
4 **customer service is important.**

5 A. By customer service, I am referring to the interactions the Company has with its  
6 customers, including but not limited to signing customers up for service,  
7 answering billing and service questions, making payment arrangements. I also  
8 include the metering and billing functions in my discussion of customer service.  
9 Utilities communicate in a variety of ways with their customers. Maintaining a  
10 call center and answering calls in a timely fashion are key elements of a quality  
11 customer service function. Customer service is a core part of utility service.

12 **Q. What metrics have you examined to evaluate the customer service**  
13 **performance of PSE&G and its proposed merger partners?**

14 A. I have looked at call centers, meter reading (percent meters read on time), billing  
15 accuracy, service appointments met, and complaint levels. I discuss the issue of  
16 emergency call handling below as part of my discussion of gas safety and  
17 reliability.

18 **Q. Please describe PSE&G's record in call center performance.**

19 A. Over the last three years, PSE&G's average percent of calls answered within 30  
20 seconds has been over 80%. In the last two years, PSE&G's average call  
21 answering time and call abandonment rates for non-emergency calls have  
22 worsened. The attached table in Exhibit NB-SQ-2 provides PSE&G's statistics

1 for call center performance over the last three years, including the percent of non-  
2 emergency calls answered within 30 seconds.

3 **Q. Please compare the percent of calls answered at the call centers of the three**  
4 **operating utilities within 30 seconds.**

5 A. As can be shown by the comparisons provided in Exhibit NB-SQ-3, PSE&G  
6 answers a higher percentage of calls within 30 seconds than either of its proposed  
7 merger partners, and a higher percentage than the combined Exelon system. In  
8 particular, PSE&G answers about 10% more calls within 30 seconds than ComEd,  
9 the original utility in the Exelon system.

10 Thus, PSE&G has a far better record of timely call-answering than either  
11 of the two utility operating companies with which it proposes to merge, and a  
12 better record as well than the record for Exelon as a whole.

13 **Q. With respect to improved response to customer concerns, what call center**  
14 **changes does Exelon have in mind for New Jersey consumers?**

15 A. The Petitioners assert that by aligning the call centers of all three operating  
16 utilities post-merger, call center performance can be improved. Exelon appears to  
17 anticipate that it will be possible to staff the call centers of the three operating  
18 utilities with fewer total staff, by taking advantage of the difference in time zones,  
19 so that customer service representatives can help handle high call periods during  
20 times when their own center is not experiencing high call volumes. This is what  
21 the Company means when it talks of “aligning” the call centers.

1 **Q. Do you agree with the suggestion that the proposed call center “alignment”**  
2 **will improve call center performance?**

3 A. No. The Company’s suggestion is a cost-saving measure, not a customer service  
4 improvement.

5 **Q. Why do you say that the proposed call center alignment is a cost-saving**  
6 **measure, not a customer service improvement?**

7 A. The proposal would allow Exelon to shift work out of New Jersey at peak times.  
8 Exelon does not assert that it will be able to answer calls from PSE&G customers  
9 more quickly. Rather, at best the same performance will be achieved as before,  
10 but by making use of non-PSE&G staff at some peak times.

11 **Q. What impact could use of ComEd and PECO call center representatives**  
12 **have on the quality of service experienced by PSE&G customers?**

13 A. Bringing on non-PSE&G service representatives, especially at peak hours, could  
14 worsen the quality of the customer/representative interaction. Shifting calls to  
15 representatives whose main work involves different states and different utilities  
16 poses risks that customers will experience worse call center performance, not  
17 better. Customers need to be able to talk to a customer service representative who  
18 is not only trained regarding the New Jersey tariff and regulations, but is fully  
19 conversant with them and with their interpretation. In addition, customer service  
20 representatives should be knowledgeable about the geography, the economy, the  
21 culture and even the speech patterns of the utility’s service area. Having PECO

1 and ComEd call center staff pick up calls from New Jersey customers creates a  
2 risk of lower quality call-handling and lower customer satisfaction.

3 **Q. Please discuss PSE&G's meter reading performance.**

4 A. Although PSE&G does not use Automatic Meter Reading extensively, it has  
5 maintained a level of around 90% of meters read within the billing period, with  
6 the exception of 2003, when it only read 83.1% of meters within the billing  
7 period. In recent years, PSE&G has improved its meter reading performance.

8 The percent of all meters that remained unread for six or more months has come  
9 down from 4.2% in 2002 to 3.2% in 2004. RAR-SQ-13, SQ-87.

10 **Q. Is PSE&G's meter reading performance acceptable in the case of residential**  
11 **customers?**

12 A. PSE&G's meter reading for residential customers could be improved.  
13 Performance in the case of residential meters is not as good as the overall rate.  
14 PSE&G has averaged a little over 83% of residential meters read on time in the  
15 last three years. S-DCA-4. Average performance is brought down by persistent  
16 problems in a couple of districts, particularly District 11 (Newark) and District 12  
17 (Roseland). These two districts experience actual read rates that are consistently  
18 at or below 80%. S-DCA-52.

19 **Q. Does Exelon have plans for PSE&G relative to its billing system?**

20 A. Yes, Exelon proposes to migrate PSE&G to the ComEd "CIS" billing platform by  
21 2008, after migrating PECO to that platform first. S-DCA-23.

1 **Q. What does Exelon say will be the benefits of migrating PSE&G to the**  
2 **ComEd billing platform?**

3 A. Exelon states that the benefits of a combined billing platform arise from “the  
4 elimination of disparate individual company billing processes and systems.” The  
5 standardization of these processes and billing platforms, according to Exelon,  
6 “will result in the elimination of duplicate activities and reduced complexity from  
7 managing multiple platforms.” RAR-SQ-37. Further, a combined billing  
8 platform will, according to Exelon, “provide the merged company earlier access  
9 to potential delinquent accounts and allow the combined entity the ability to  
10 initiate its collection processes earlier, resulting in lower overall bad debt  
11 expense.” *Id.* It should be noted, however, that Exelon has not performed an  
12 analysis of which customer classes will be affected by the asserted acceleration of  
13 collection processes. *Id.*

14 **Q. Are these claimed benefits improvements in customer service?**

15 A. No. The benefits claimed for the combined billing platform are benefits to Exelon  
16 management of a far-flung holding company system, and possibly to the utilities  
17 in the form of reduced uncollectibles.

18 **Q. What impact will the proposed migration of PSE&G’s billing system to the**  
19 **Exelon platform have on customer service?**

20 A. The change in PSE&G’s billing system could put PSE&G customers at risk for  
21 inaccurate bills, late bills, and other errors in billing during the transition to the  
22 new billing system.

1 **Q. Can you give an example of problems with the change-over by a utility to a**  
2 **new billing system?**

3 A. Yes. When Conectiv, parent of Atlantic City Electric and Delmarva Power &  
4 Light, moved to a new billing system in December 1999, it experienced numerous  
5 problems, leading to errors in billing that persisted for some time. Eventually,  
6 Atlantic City Electric had to suspend use of disconnections to collect bills for over  
7 a year, and Delmarva Power & Light had to provide a credit of approximately  
8 \$2.5 million to customers to compensate for billing errors as a result of the change  
9 to the new billing system. See the Conectiv 2000 10-K filing to the SEC, filed  
10 March 31, 2001.

11 **Q. Does PSE&G need a new billing system?**

12 A. Not at present. PSE&G states that there are no known technical or functional  
13 limitations of its current billing platform that would preclude PSE&G from  
14 retaining it for the next 3 to 5 years, absent the merger and the desire of Exelon to  
15 consolidate all billing systems on the same platform. S-OCI-SYN-81.

16 **Q. Please discuss the performance of PSE&G and its proposed merger partners**  
17 **on keeping appointments.**

18 A. PSE&G reports that it has consistently met over 97 % of the service appointments  
19 it has made with its customers since 2000. RAR-SQ-71. Neither PECO nor  
20 ComEd have maintained such a high level over the last four years. In all but one  
21 year, PSE&G had the highest rate of on-time responses to service appointments.

1 In none of the last four years has PSE&G had the worst record among the three.

2 Exhibit NB-SQ-4 compares the service appointment rates of the three utilities.

3 **Q. Turning to the topic of customer satisfaction with service, how does PSE&G**  
4 **compare to other New Jersey utilities in terms of the level of complaints to**  
5 **the Board?**

6 A. For internal management purposes, PSE&G gathers data on the number of  
7 complaints to the Board per 1000 customers for itself and for other New Jersey  
8 energy utilities. It then derives a ratio of its complaints per 1000 customers to the  
9 complaints per 1000 customers of each of the rest of New Jersey's electric and  
10 gas utilities.<sup>5</sup> PSE&G's so-called BPU Complaint Ratio was 56.4% in 2002,  
11 64.6% in 2003, and 66.2% for 2004. RAR-SQ-106.

12 **Q. How can we understand the implications of the BPU Complaint Ratio**  
13 **derived by PSE&G?**

14 A. The lower the BPU Complaint Ratio, the better PSE&G's performance is relative  
15 to other New Jersey energy utilities, insofar as complaints per 1000 customers is  
16 concerned. On average, PSE&G has less than 2/3 the number of complaints per  
17 1000 customers as its New Jersey peers.

18 **Q. Please compare the level of complaints to the regulatory agencies concerning**  
19 **the three operating utilities.**

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<sup>5</sup> As an example, if PSE&G has 30 complaints per 1000 customers, and the other electric and gas utilities have 50 complaints per 1000, the PSE&G "BPU Complaint Ratio" would be 30/50, or 60%.

1 A. PSE&G and ComEd have roughly comparable levels of complaints per 1000  
2 customers (between 1 and 1.5 per 1000 over the last four years). However,  
3 PECO's number of complaints per 1000 was as much as 4 times higher than that  
4 of PSE&G. RAR-SQ-122, 26, 28, 75, 106.

5 **Q. Please summarize your review of PSE&G's customer service performance,**  
6 **and the Petitioners' plans for customer service if the merger is approved.**

7 A. The PSE&G service quality is generally better than that of its proposed merger  
8 partners, PECO and ComEd. In some cases, the differences in PSE&G's favor  
9 are quite large. The only area where PECO and ComEd consistently perform  
10 better than PSE&G is that of meter reading. The PSE&G meter-reading  
11 performance has improved recently, except in certain districts. There is no basis  
12 to conclude that a merger with Exelon will lead to improvement in PSE&G's  
13 performance in any of these areas. The Petitioners have not offered any genuine  
14 improvements to customer service. The use of out-of-state call center  
15 representatives at peak times may save Exelon money, but poses risks of  
16 substandard customer service. The introduction of a new Exelon-wide billing  
17 system to accommodate the need for system-wide management poses risks of  
18 confusion and billing errors during the transition. Customers should not be  
19 required to bear these risks.

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**ELECTRIC SYSTEM RELIABILITY**

**Q. Please explain what you mean by electric system reliability, and why electric service reliability is important.**

A. Electric service is reliable when it is characterized by a low frequency of outages, outages that are short in duration, speedy response to outages, steady voltage levels, and a low incidence of momentary outages (outages that last a very short time, but may interrupt the functioning of electronic equipment, such as clocks). Increasingly, modern society is dependent on a reliable supply of electricity. Most outages are caused by problems at the distribution level, so distribution service quality is an important driver of overall electric system reliability.

**Q. What topics will you cover in this section?**

A. I will discuss PSE&G’s electric system reliability metrics. I will not discuss PSE&G’s markout of its underground electric facilities. I will discuss that topic in the next section, along with markout of underground gas facilities.

**Q. Please describe the CAIDI and SAIFI metrics.**

A. CAIDI is the acronym for Customer Average Interruption Duration Index. It is the ratio of the sum of the durations of sustained customer interruptions to the total number of sustained customer interruptions in the reporting period. It provides a measure of the average length of sustained outages:



1 A. According to the PSE&G Vice President for electric operations, the PSE&G  
2 electric service reliability is in the top quartile of utilities in the region, and for  
3 outage duration its performance is close to the top ten percent of the region.  
4 Jacobs Consultancy Interview with Ralph LaRossa, September 8, 2005.

5 **Q. How has the Board measured electric system reliability in its Interim**  
6 **Regulations?**

7 A. In 2002, the Board on an interim level promulgated detailed regulations setting  
8 out standards for measuring and enforcing electric system reliability, using the  
9 CAIDI and SAIFI metrics. These regulations defined minimum reliability levels  
10 for the years 2001 and 2002 for all New Jersey electric utilities. N.J.A.C. 14.5:7-  
11 10.

12 **Q. Does the Company still use the benchmarks and minimum reliability levels**  
13 **as calculated using the methodology set out in the Interim Regulations?**

14 A. Only for the four divisions. In the Corporate Overview sections its annual System  
15 Performance Reports for years from 2001 forward, the Company states that  
16 minimum reliability standards or benchmarks are not applicable for the system as  
17 a whole. RAR-SQ-9.

18 **Q. What standard does PSE&G use to determine satisfactory CAIDI and SAIFI**  
19 **performance?**

20 A. PSE&G in recent years has set a goal of placing in the First Quartile of electric  
21 reliability performance, including CAIDI and SAIFI, among regional utilities.  
22 RAR-SQ-122.

1 **Q. How does PSE&G determine where it stands relative to regional utilities on**  
2 **these electric reliability metrics?**

3 A. PSE&G and other utilities in the region hire an independent contractor to conduct  
4 an in-depth survey of each of the utilities along a wide variety of metrics. The  
5 results are compiled and ranked. The utilities can then be identified as having  
6 their performance sorted by quartiles. The top quartile represents the performance  
7 of that quarter of the utilities with the best performance for the year in question.  
8 The utilities that participate are major electric utilities<sup>6</sup> in the Mid-Atlantic and  
9 neighboring areas. Exhibit NB-SQ-5 lists the utilities that are included in this  
10 annual survey.

11 **Q. How does PSE&G's SAIFI performance compare to the First Quartile**  
12 **performance of regional utilities?**

13 A. According to the Company, SAIFI results since 2000 demonstrate first quartile  
14 performance. RAR-SQ-22.

15 **Q. How does the Company's CAIDI performance compare to the First Quartile**  
16 **of regional utilities?**

17 A. According to PSE&G, the Company's CAIDI was within the first quartile of the  
18 performance of regional utilities in 2003 and 2004.

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<sup>6</sup> PSE&G participates in a similar exercise for gas utilities. The list of gas participants is somewhat different, see Exhibit NB-SQ-9, as not all participants are combination gas/electric utilities like PSE&G.

1 **Q. How does PSE&G's electric service reliability compare to that of PECO and**  
2 **ComEd, its proposed merger partners, focusing first on the duration of**  
3 **outages?**

4 A. As can be seen by the table attached as Exhibit NB-SQ-6, with the exception of  
5 2002, a year of a number of storms, PSE&G has consistently had better (lower)  
6 CAIDI results than either ComEd or PECO. In none of the four years did PSE&G  
7 have the highest (worst) CAIDI.

8 Customers of PSE&G who suffer outages experience outages on average  
9 24 or more minutes shorter than those experienced by PECO and ComEd  
10 customers. In 2004, the outages experienced by PSE&G customers lasted on  
11 average only about two thirds the length of those experienced by PECO  
12 customers, and just over half the length of outages experienced by ComEd  
13 customers.

14 **Q. Please compare the three operating companies' frequency of interruptions.**

15 A. PSE&G's SAIFI results are also better (lower) than those of its proposed merger  
16 partners, by even more significant margins than in the case of CAIDI, as can be  
17 seen by the comparison presented in Exhibit NB-SQ-7. Except for 2002, PSE&G  
18 customers experienced outages on average only about half as frequently as  
19 customers of ComEd and PECO. Even in 2002, PSE&G customers experienced  
20 far fewer interruptions, on average, than either of its proposed utility merger  
21 partners.

1 **Q. Could the introduction of best practices across the three operating utilities**  
2 **improve PSE&G’s reliability results?**

3 A. It is not likely. PSE&G performs better than its proposed merger counterparts on  
4 CAIDI and SAIFI. Indeed, Ralph LaRossa, Vice President – Electric Delivery,  
5 PSE&G, stated that PSE&G’s CAIDI is so low that it would be hard to lower it  
6 further, and he was unwilling to say that PSE&G will definitely do a much better  
7 job if it merges. Among other things, PSE&G representatives at that interview  
8 noted that some of the different distribution practices at Exelon (use of relatively  
9 few distribution divisions, thus centralizing more operational control) have been  
10 considered by PSE&G in the past, and PSE&G managers feel they have already  
11 found the appropriate balance between competing considerations (in this case,  
12 between cross-division consistency and having decision-making capability close  
13 to the problem). September 9 Jacobs Consultancy Interview.

14 **Q. Are the Petitioners willing to offer a guarantee that PSE&G’s reliability of**  
15 **electric service, as measured by metrics such as SAIFI and CAIDI, will**  
16 **remain the same or improve after the merger?**

17 A. No. In response to RAR-SQ-21, in which the Company was asked this question,  
18 the response was as follows: “No utility can guarantee that the reliability of  
19 electric service will always achieve a specific level...What can be guaranteed is  
20 that PSE&G will continue to target being among the most reliable utilities in the  
21 region (top quartile)...” Thus, when directly questioned about their  
22 commitments, Petitioners will not stand behind a guarantee of specific

1 performance, and merely repeat a self-serving description of their own business  
2 goals.

3 **Q. Is there any reason to be concerned about whether PSE&G can maintain its**  
4 **level of CAIDI and SAIFI performance, even if it does not merge into**  
5 **Exelon?**

6 A. Yes. All electric utilities today are facing the need to replace an aging workforce  
7 of linemen. If this challenge is not met, over time the Company will have fewer  
8 linemen, or less experienced linemen, or both. In such a case, reliability could  
9 suffer.

10 **Q. Does PSE&G need to merge with Exelon in order to bring new, qualified**  
11 **linemen into its workforce?**

12 A. No. PSE&G can meet its goals for recruitment and training without the proposed  
13 merger. PSE&G is pursuing the recruitment and training of new linemen, to  
14 replace those who retire or move on for other reasons. PSE&G consistently holds  
15 line schools, and operates ongoing feeder programs in the high schools. Jacobs  
16 Consultancy Interview, September 8, 2005. The continuation of PSE&G's  
17 commitment to maintain its field staff is not dependent on consummation of the  
18 merger.

19 **Q. Please summarize your observations concerning PSE&G's electric reliability.**

20 A. PSE&G has consistently performed in or very near the top quartile of regional  
21 utilities with respect to minimizing outage frequency and duration. Its outage  
22 duration is relatively low. In addition, PSE&G has consistently performed better

1 in providing reliable electric service than the two operating utilities with which it  
2 proposes to merge. It is unlikely that any improvements to PSE&G's outage  
3 performance would be forthcoming as a result of the proposed merger. Rather,  
4 there is a risk that PSE&G's electric reliability will suffer if PSE&G is merged  
5 with PECO and ComEd.

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#### **GAS SAFETY AND RELIABILITY**

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**Q. Please discuss what you mean by gas safety and reliability, and discuss its  
13 importance.**

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**A.** Gas safety and reliability refer to the construction, operation and maintenance of  
15 the gas distribution network in a safe manner, such that the system has few leaks,  
16 leaks are expeditiously identified and repaired, that corrosion is prevented, that at-  
17 risk facilities (pipes, pumps, services) are replaced, and the system is properly  
18 marked out before any digging near the facilities is done. Gas safety also includes  
19 the speed with which leak reports and other emergencies are received by the  
20 utility, and the speed with which the utility gets to the scene of a potential leak, to  
21 assess and correct any safety problems. Gas safety and reliability is crucial,  
22 because natural gas is a volatile and combustible material. Failure to maintain

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1 high safety and reliability standards can cause property damage, injuries, and even  
2 fatalities.

3 **Q. What topics will you cover in this section?**

4 A. I will cover gas safety and reliability, as well as the manner in which PSE&G and  
5 its proposed merger partners handle underground facility markout responsibilities,  
6 including markout of underground electric facilities.

7 **Q. What measures provide information on the level of natural gas safety and  
8 reliability?**

9 A. There are a number of gas safety and reliability metrics. Key metrics include  
10 emergency call answering rate, emergency response rate, gas leak repair rate  
11 (open gas leaks), and damages per 1000 mark-out requests.

12 **Q. Please discuss PSE&G's emergency call answer rates.**

13 A. PSE&G has answered 99.5% or more of all emergency calls within thirty seconds  
14 in the last seven years. RAR-SQ-72 and RAR-GAS-6. In the last three years,  
15 PSE&G has answered 99.86% of all emergency calls. Correspondingly, only a  
16 tiny number of callers to the PSE&G emergency lines abandon their efforts to get  
17 through.

18 **Q. How does PSE&G's emergency call response time compare to that of its  
19 proposed utility partner?**

20 A. Of the two operating utilities in the Exelon family, only PECO has a natural gas  
21 operation. The percent of emergency calls responded to in one hour for PSE&G

1 and PECO is shown in Exhibit NB-SQ-8. PECO's emergency call response time  
2 is comparable to PSE&G's.

3 **Q. What has been PSE&G's leak repair performance?**

4 A. PSE&G has met federal requirements for leak repair. Leaks are classified under  
5 federal rules by their severity, and the corresponding speed with which they must  
6 be repaired or the mains in question replaced. Class 1 leaks require the most  
7 urgent response. In the last several years PSE&G has consistently cleared all but  
8 1% of the Class 1 leaks identified. As would be expected, the clearance rate for  
9 Class 2 and Class 3 leaks is somewhat lower. However, in the last three years, the  
10 clearance rate for such lower-priority leaks appears to have slipped. PSE&G  
11 states that notwithstanding the reduced clearance rate for these lower-priority  
12 leaks, it has met all federal standards.

13 **.Q. Has PSE&G met its goals for One-Call performance?**

14 A. Yes. For example, PSE&G's target limit of damages per 1000 markout requests  
15 was 2.92 in 2004. Its performance year to date as of December 2003 was 2.92.  
16 RAR-GAS-45(b).

17 **Q. Are there differences between PSE&G and its proposed merger partners**  
18 **regarding their respective approaches to marking out underground**  
19 **facilities?**

20 A. Yes. PECO outsources its markouts since before 2000. NJLEUC/RESA-PSEG-  
21 161, p. 2; RAR-GAS-62 (UPDATE). ComEd outsources markouts for its service  
22 areas outside Chicago city limits. NJLEUC/RESA-PSEG-161, p. 2. PSE&G

1 uses its own staff to mark out its underground facilities in response to a One-Call  
2 request. RAR-GAS-62.

3 **Q. Are there risks to safety if a utility contracts out its markout duties?**

4 A. Yes. Contractors may be less familiar with the utilities' system than utility staff,  
5 particularly where maps may not contain references to 100% of underground  
6 facilities. Contractors may also not have the same pride in performance in the  
7 name of the utility that staff would have. A utility using contractors also has less  
8 direct control over markout quality assurance.

9 **Q. Can you give an example of where a utility decided to outsource**  
10 **underground facility markout, with adverse consequences?**

11 A. Yes. In 1998, Bay State Gas Company, a Massachusetts utility, decided to  
12 outsource its line location function. This task is an essential function, because  
13 excavators rely on utilities to mark the location of their facilities accurately, in  
14 order to be able to avoid accidentally damaging the facilities during excavation.  
15 This is a particularly important function in the case of gas utilities. Shortly after  
16 Bay State outsourced its line location function, the line location contractor made a  
17 mistake in response to a Dig-Safe request for marking, and failed to identify a gas  
18 service feeding a home in Attleboro. The excavator ruptured the line, allowing  
19 gas to leak into the home, which was subsequently blown up by explosion of the  
20 gas. Two people lost their lives, seven people were injured, and 68 other houses  
21 were damaged.

1 **Q. How did Bay State Gas react to the incident caused by its outsourced line**  
2 **location?**

3 A. Soon after the failure to mark properly led to the explosion, Bay State took the  
4 line location function back in-house.

5 **Q. Has PSE&G considered outsourcing its markout function, and if so, what did**  
6 **it conclude?**

7 A. <<< **BEGIN CONFIDENTIAL**

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**END CONFIDENTIAL>>>**

14 **Q. What do you conclude about PSE&G's choice to use its own staff to mark**  
15 **out its underground facilities?**

16 A. I believe that PSE&G should continue to use its own staff to mark out  
17 underground facilities, and I am concerned that a merger with ComEd and PECO  
18 might result eventually in the decision to outsource this crucial safety function.  
19 Accordingly, I recommend that, should the Board approve the merger, it condition  
20 the approval on PSE&G retaining the markout function in-house.

21 **Q. Please summarize your observations concerning PSE&G's gas safety and**  
22 **reliability performance.**

1 A. PSE&G appears to take its gas safety and reliability responsibilities with  
2 appropriate seriousness, and performs as well as PECO overall on the metrics  
3 analyzed.

4 **Q. What impact would a merger of PSE&G with Exelon have on PSE&G's gas**  
5 **safety and reliability?**

6 A. There is no reason to believe that partnering with PECO will improve PSE&G's  
7 gas safety and reliability. In fact there is a risk that PSE&G's gas safety and  
8 reliability will be eroded as a result of this merger. PSE&G's gas operations are  
9 four times as big as PECO's. Exelon plans to have PECO and PSE&G continue  
10 to conduct their gas distribution operations through their respective corporate  
11 entities. S-OCI-SYN-142. This is an indication that even Exelon does not  
12 believe that bringing PSE&G gas operations under PECO or some gas service  
13 company in an Exelon holding company structure would improve PSE&G's gas  
14 operations. The risk is that PSE&G's record of gas safety and reliability will be  
15 eroded by the takeover of this operation by an out-of-state holding company  
16 where gas operations have been and would continue to be a small part of the  
17 business. There is a specific risk that Exelon would outsource PSE&G's markout  
18 function, with potentially dangerous consequences.

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2 **REMEDIES:**

3 **PROTECTING CUSTOMERS AND THE STATE**  
4 **FROM MERGER-RELATED RISKS**  
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8 **Q. Are the Petitioners' representations and stated intentions satisfactory to**  
9 **protect New Jersey consumers from the potential risks to customer service,**  
10 **safety and reliability attendant upon the proposed merger?**

11 A. No. Unless the Petitioners are willing to stand behind their assertions, and  
12 assume the risk that these assertions prove groundless, the Board should not give  
13 any weight to the Petitioners' representations concerning merger consequences  
14 regarding customer service, safety or reliability.

15 **Q. Please summarize the risks posed by the proposed merger to quality service**  
16 **and service reliability that you identified above.**

17 A. Any merger upsets the existing relationships between utility and customer, and  
18 between utility and regulator. It means new, and often unfamiliar approaches to  
19 utility service will be imported by the new ownership. When the largest electric  
20 and gas utility in a state is taken over by a huge out-of-state holding company, the  
21 merger hinders the regulators' effective control and oversight of the utility on  
22 many issues. The search for "best practices," promised by merger proponents,  
23 can become a search for the lowest cost, a mere common denominator, or  
24 company-wide consistency regardless of the specific policies and practices that  
25 are sought by New Jersey constituents. In this particular case, PSE&G stands to

1           lose, and PECO and ComEd stand to gain, in most areas. Indeed, in a discovery  
2           response provided to parties in the merger review docket before the Pennsylvania  
3           Public Utilities Commission, the President of PECO Energy, Denis P. O'Brien,  
4           pointed himself to SAIFI, CAIDI, customer satisfaction and gas odor response  
5           rates as areas where PECO will benefit from being able to learn from PSE&G.  
6           PA PUC Docket No. A-1100550F0160, OCA Set I, Question 5. Further,  
7           acquiring firms must find synergies to absorb the premium they pay to buy other  
8           firms, and this drive for synergies can put pressure on the resources needed to  
9           keep standards high. Exelon has claimed that none of these untoward results will  
10          occur, but it has failed to offer any form of protection for PSE&G's consumers  
11          and the State, in the event it does not or cannot fulfill this claim.

12       **Q. In light of the risks you have discussed, what do you recommend concerning**  
13       **customer service, safety and reliability, in the event the Board approves the**  
14       **merger?**

15       A. I recommend that, should the Board otherwise determine to approve the merger,  
16       the Board should condition the merger on a Service Quality Maintenance  
17       Program. While it would be appropriate under the Board's merger standard for  
18       this docket to seek service quality improvement, I recommend that the Board hold  
19       PSE&G to maintain current levels of customer service, safety and reliability,  
20       while requiring improved results in other sectors, such as, for example, rates and  
21       revenue requirements.

1 **Q. Please describe the elements of your proposed Service Quality Maintenance**  
2 **Program for PSE&G post-merger.**

3 A. Under the Service Quality Maintenance Program, PSE&G would be required to  
4 meet customer service, safety and reliability standards pegged to the same  
5 standards it now uses to assess performance. For the most part, these standards  
6 are derived by taking comparisons of PSE&G's performance against the  
7 performance of other similar utilities in the region, and requiring performance to  
8 be maintained in the First Quartile. PSE&G should continue to compare itself  
9 with the same panel of regional utilities as it presently does, listed in Exhibits NB-  
10 SQ-5 and 9, and in the event that this comparison group changes, the Board  
11 should require PSE&G to notify the Board and explain the reason for the change.  
12 Under the Service Quality Maintenance Program, the Board would not require  
13 superior performance, but would expect PSE&G to live up to its announced  
14 commitment to maintain service quality within the first quartile of performance of  
15 regional utilities. Such a Board-imposed precondition to the merger would be  
16 especially necessary in light of the uncertain status of the Board's interim  
17 reliability regulations.

18 **Q. What consequences do you recommend should follow in the event PSE&G**  
19 **fails to maintain First Quartile performance?**

20 A. The consequences for slippage in service quality performance should depend on  
21 the severity of the impact on the State and PSE&G customers in the event  
22 standards slide. In the event PSE&G fails to meet certain key standards relating

1 to immediate reliability and safety, penalties should be assessed. For other  
2 metrics, PSE&G should be required to make an annual report to the Board and the  
3 Ratepayer Advocate, outlining the results of its performance along those  
4 measures, and explaining what steps it is taking to improve performance. The  
5 Board may also wish to institute, as a condition of the merger, penalties for failure  
6 to meet other indices and/or publicize the results of PSE&G's poor performance,  
7 so as to provide customers with greater information regarding PSE&G's service  
8 quality.

9 **Q. What consequences, if any, should the Company face if it fails to meet one or**  
10 **more of the standards included by the Board in the Service Quality**  
11 **Maintenance Plan?**

12 A. In the case of service quality, safety and reliability metrics that reflect the  
13 Company's performance in keeping the lights on, the gas flowing, and  
14 neighborhoods safe, failure to maintain first quartile should result in the  
15 assessment of a penalty in an amount sufficient to impress upon management the  
16 significance of the failure to maintain sufficiently high levels of quality, safety  
17 and reliability. In addition, penalties should be assessed for failure to meet key  
18 quality of service metrics, that are critical to customer satisfaction.

19 **Q. For failure to meet such key service, safety and reliability standards, what**  
20 **penalty level would be appropriate?**

21 A. I recommend that, in the event the Company fails to meet key service, safety and  
22 reliability standards, that the Company be required to reduce rates by an amount

1 sufficient to ensure that management will continue to make service, safety and  
2 reliability high priorities, and maintain funding, staffing and oversight sufficient  
3 to continue PSE&G's performance in the top quartiles of regional utilities. The  
4 amount of such penalty reduction would be capped at an appropriate percentage  
5 of the firm's transmission and distribution revenues.

6 **Q. What is the range of appropriate penalty caps?**

7 A. The maximum penalty should be at a level sufficient to get and keep  
8 management's attention. Other state commissions have adopted service quality  
9 and reliability plans with penalties ranging from less than ½ percent to as high as  
10 2 percent of revenues, a reasonable range to consider. Central Maine Power  
11 Company is subject to penalties as high as .6% of revenues,<sup>7</sup> Rhode Island  
12 recently adopted a 1% penalty cap,<sup>8</sup> Consolidated Edison is exposed to a penalty  
13 of 1.5% of transmission and distribution revenues,<sup>9</sup> and Massachusetts by statute  
14 sets the penalty cap at 2 percent.<sup>10</sup>

15 **Q. How would the penalty be assessed under your proposal?**

16 A. The designated percentage would be the annual cap for penalties that could be  
17 awarded under my recommendation. The specific amount up to that cap that

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<sup>7</sup> CMP, Request for Approval of Alternate Rate Plan (Post-Merger), Order Approving Stipulation, Docket No. 99-666, November 16, 2000.

<sup>8</sup> In Re Narragansett Electric Company Service Quality Plan, Docket No. 3628, Report and Order, January 1, 2005.

<sup>9</sup> Proceeding on the Motion of the Commission as to the Rates...of Consolidated Edison, Case No. 04-E-0572, Order Adopting Three-Year Plan, March 24, 2005.

<sup>10</sup> G.L. c. 164, § 1E(c) authorizes the DTE to levy a penalty against any distribution, transmission, or gas company that fails to meet the SQ standards established under G.L. c. 164, § 1E(a), up to and including the equivalent of two percent of the utility's transmission and distribution service revenues for the previous calendar year.

1           could be awarded for failure to perform to standard on any given key metric  
2           should be determined by the relative importance of the metric to service, safety  
3           and reliability. In no event would the firm be exposed to higher than the  
4           maximum penalty.

5   **Q.   What key metrics do you recommend should be safeguarded with the**  
6   **imposition of such penalties?**

7   A.   Most critical are the immediate physical safety and reliability metrics. Failure to  
8       maintain performance in the First Quartile on these metrics should draw a penalty,  
9       even if a penalty plan were not put into effect for any other metrics. These key  
10      safety and reliability metrics are as follows:

- 11                   1. SAIFI.
- 12                   2. CAIDI.
- 13                   3. Percent emergency calls answered in 30 seconds.
- 14                   4. Percent emergency calls responded to in one hour or less.

15  
16   **Q.   How would you propose to allocate the penalties to place the proper weight**  
17   **on Company performance?**

18   A.   In principle there are any number of ways to allocate the overall penalty cap to  
19       account for the difference in importance to consumers and the State of  
20       maintaining PSE&G's historic standards of performance post-merger. One  
21       straightforward approach would be to give each of these immediate safety and  
22       reliability metrics equal weight. The annual cap on penalties for failure to  
23       maintain First Quartile performance in any one of the four safety and reliability  
24       metrics would then be  $\frac{1}{4}$  of the maximum penalty allowed by the BPU.

1 **Q. How would the recommended penalties be assessed under your proposal?**

2 A. Under the proposed Service Quality Maintenance Plan, PSE&G would submit its  
3 report to the Board and Ratepayer Advocate annually as to performance on these  
4 four key metrics, and other conditions of the merger. If PSE&G fails to maintain  
5 First Quartile performance for any of the four key safety and reliability measures,  
6 the Board would then assess a penalty, up to the cap for each metric, to be paid to  
7 PSE&G customers in the form of credits to customers' bills. Some commissions  
8 subdivide the potential penalty, such that decreasing levels of performance (down  
9 to a floor below which the maximum penalty would be assessed) are penalized by  
10 increasing percentages of revenue, up to the cap for the metric. It would make  
11 sense to adopt such a pro-rata allocation of the potential penalty and to set a  
12 reasonable floor. For example, for metrics where relative performance compared  
13 to regional utilities is the standard, anything below First Quartile would draw a  
14 penalty, and anything below Second Quartile would draw the maximum penalty.  
15 Of course, the Board could take into account special conditions out of the utilities'  
16 control in determining the level of the penalty to assess, up to the cap for that  
17 standard.

18 **Q. Is it fair to exact a penalty from PSE&G for failure to achieve the**  
19 **recommended level of performance on these 4 metrics post-merger?**

20 A. Yes, for a number of reasons. First, it is fair to insist that the Petitioners protect  
21 New Jersey and PSE&G customers from the risk that existing standards are  
22 allowed to slip after the merger. If, as they represent, the merger poses no risk of

1 erosion in the areas of service quality, safety and reliability, then conditioning the  
2 merger on a penalty scheme that kicks in only in the event of such erosion places  
3 no additional risk on the Petitioners. Further, the Petitioners claim that they will  
4 not only maintain existing performance levels, they will even improve on current  
5 levels of service at PSE&G in some areas. And under the Board’s “positive  
6 benefit” test for reviewing this merger, it would be fair to demand improvement  
7 across the range of PSE&G operations. Additional benefits may be sought in  
8 other areas. However, in these service quality proposals, I am merely  
9 recommending that the Company be held to the standards it has applied to itself.

10 **Q. Are there other reasons to believe that PSE&G should have no trouble**  
11 **avoiding the penalties you propose?**

12 A. Yes. In fact, the Company has been meeting or exceeding these metrics. And  
13 with respect to the measures that will subject the firm to potential penalties, such  
14 as CAIDI and SAIFI, PSE&G will be scored “on the curve” against utilities  
15 facing similar operating challenges in any given year. PSE&G post-merger will  
16 have more than a fair opportunity to meet the standard required by the Board.

17 **Q. For other measures of service quality, reliability, and safety, do you propose**  
18 **that the Board include any conditions for merger approval ?**

19 A. Yes. The need for significant penalties for the key metrics above does not obviate  
20 the need to protect New Jersey and PSE&G customers from the risks of  
21 backsliding in other aspects of service as a result of the proposed merger.

22 Accordingly, I propose that if the Board determines to approve the merger, it

1 require that PSE&G maintain its current level of service quality, safety and  
2 reliability on all important performance indicators, not merely on the four key  
3 safety and reliability metrics discussed earlier. To help assure that PSE&G does  
4 not slip in its performance, PSE&G should be required to include the results of  
5 these measures, as well as the results for the four key metrics above, in quarterly  
6 reports to the Board, providing monthly data for the last quarter, along with its  
7 plans for restoration back to pre-merger levels in the event of slippage.

8 **Q. What other performance metrics should be included in the Company's**  
9 **quarterly reports?**

10 A. The Company should be required to report on the operational and customer  
11 service metrics that it includes in its "Balanced Scorecard." The Company  
12 assesses employee and manager performance using a set of metrics in the four  
13 areas of Customer Care, People (Safe, Motivated Productive), Operations  
14 (Reliable, Low Cost), and Financial Performance. For each operational division,  
15 such as Customer Operations (e.g. call centers, billing), Electric Delivery (T&D  
16 operations and maintenance), and so forth, the Operations quadrant of the  
17 "Balanced Scorecard" contains metrics that, taken together, provide a good  
18 picture of how the Company is serving its customers in that area of operations.  
19 The Company should continue to gather these data, and report to the Board and  
20 Ratepayer Advocate on how well it is maintaining its pre-merger levels of service.  
21 Operational metrics from the "Balanced Scorecard" which the Company should  
22 be required to maintain at pre-merger levels, include Gas Leak Reports Per Mile,

1 Damages Per 1000 Locate Requests, Appointments Kept, Transmission  
2 Availability Index, Percent Meters Read, Percent Bills Adjusted, and Telephone  
3 Service Level Index.

4 **Q. What standard should be used to assess adequate performance in these other**  
5 **operational metrics?**

6 A. I recommend that the Company be required to maintain the same standard as it  
7 has targeted internally. In some cases, this means the Company would have to  
8 have performance that ranks in the first quartile of comparable utilities, as shown  
9 in the annual survey conducted for a number of gas and electric utilities by an  
10 independent consultant. In other cases, the Company's standard has been based  
11 on historical performance. If any of the other indices fall below acceptable levels  
12 as determined by the Board, the Board should take action to protect consumer  
13 interests. Such actions could range from requiring a remediation plan all the way  
14 to reflecting the substandard performance in the equity return allowed the utility.

15 **Q. Do you recommend any further merger conditions in the area of customer**  
16 **service?**

17 A. Yes. The Company should be required to maintain and fully staff its two New  
18 Jersey call centers with trained New Jersey customer service representatives, and  
19 should not be permitted to reduce staff, make additional use of out-of-state  
20 representatives, or move call centers out of state. If after four years they want to  
21 move call centers out of state, PSE&G would have to demonstrate to the Board  
22 that customer service would be improved with such a move.

1 **Q. Why do you propose that the Company agree to maintain its New Jersey call**  
2 **centers?**

3 A. As I discussed at the beginning of my testimony, the call center interaction with  
4 customers is a key form of communication between Company and customer.  
5 Service representatives from sister companies and from out of state will not be as  
6 alert to or knowledgeable about New Jersey-specific factors at issue in a New  
7 Jersey customer's case. The Company has already warned that it proposes to use  
8 staff from other states to fill in at various times of day. This practice should not  
9 be permitted. While the impact will be to reduce the ability to achieve cost  
10 reductions, the price of such cost reductions in terms of reduced quality of call  
11 center service is too high.

12 **Q. Do you propose further conditions related to the proposed move to the**  
13 **Exelon billing system?**

14 A. Yes. If the merger is approved, PSE&G should be required to report to the  
15 Board and Ratepayer Advocate on the plans for, and execution of, the migration  
16 of PECO to the ComEd billing platform. Such reports should include the  
17 presentations and notices to be given to Pennsylvania parties concerning the  
18 conversion according to Paragraph 31 of the proposed Settlement of the PECO  
19 merger docket now pending before the Pennsylvania Commission. The Board  
20 should require similar reports from PSE&G if and when PSE&G transitions to the  
21 ComEd billing platform. Further, if a PSE&G customer is subject to a billing  
22 error during and after the migration to the ComEd billing platform, PSE&G

1           should afford the customer affected by the error an affordable payment  
2           arrangement, and should credit the customer's account by \$10 for each such  
3           incident.

4   **Q.   Why do you propose that PSE&G should be required to give customers a**  
5           **credit if they suffer billing errors or delays during the transition to a new**  
6           **billing system?**

7   A.   The decision to move to a new billing system on a definite schedule is a by-  
8           product of the desire of Exelon to merge, and to systematize its operations across  
9           the holding company. It is not being done for the benefit of the consumer. The  
10          consumer should not take the risk. If, as Exelon has asserted in the Pennsylvania  
11          proceeding, the risks of billing error and delay are insignificant and the  
12          conversion will be managed to prevent them, then Exelon is in no danger of  
13          having to pay out any such penalties. My proposal here merely asks Exelon to  
14          back up its assertions with protections for the consumers, who otherwise would be  
15          at risk.

16   **Q.   Do you propose further conditions relating to service quality?**

17   A.   Yes. The review of metering conducted for this merger proceeding has revealed  
18          that timely meter reading has been a particular problem for the Company in the  
19          Newark and Roseland Districts. The Company should be required to report to the  
20          Board within a year from the consummation of the proposed merger as to its  
21          progress in reducing the level of unread meters in these Districts, together with its  
22          plans for further remedial work if needed at that time.

1 **Q. Do you propose further conditions related to reliability?**

2 A. Yes. Given the importance of meeting the emerging need for new linemen, I  
3 propose that PSE&G be required to continue its efforts to recruit and train new  
4 linemen, and that it be required to report to the Board and the Ratepayer Advocate  
5 its progress in maintaining an adequate staff of experienced linemen.

6 **Q. Do you propose further conditions relating to system safety?**

7 A. Yes. I propose that as a condition of the merger, PSE&G be required to maintain  
8 its markout function in-house, using its own staff. I also propose that, given the  
9 critical need to maintain system safety, PSE&G be required to continue its efforts  
10 to recruit and train new gas operations personnel, and that it be required to report  
11 to the Board and the Ratepayer Advocate its progress in maintaining an adequate  
12 gas operations staff.

13 **Q. Why should the Board insist on a service, reliability and safety program that**  
14 **includes penalties, as you have suggested here?**

15 A. New Jersey and PSE&G customers should be able to rely on the Petitioners'  
16 assurances, especially where immediate physical safety and reliable operations are  
17 concerned. The Petitioners should be willing to back up their lofty assertions of  
18 no net harm or positive benefit with monetary commitments.

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

20 A. Yes.

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Resume of  
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**Education**

B.A. with honors, 1970, Smith College, Northampton, MA  
J.D., 1973, Yale Law School, New Haven, CT  
Coursework in statistics, Northeastern University, Boston, MA

**Employment**

Commissioner, New Hampshire Public Utilities Commission (1998-2003)  
Member, New Hampshire Site Evaluation Committee (1998-2003)  
Utilities consultant and attorney, National Consumer Law Center (1991-1998)  
General Counsel, Massachusetts Public Utilities Commission (1989-1991)  
Staff Attorney, Assistant General Counsel, Massachusetts Commission (1986-1989)  
Hearings Officer, Senior Staff Attorney, Maine Public Utilities Commission (1983-1986)  
Executive Director, Maine Legal Services for the Elderly, Inc. (1981-1983)  
Staff Attorney, Directing Attorney, Pine Tree Legal Assistance, Inc. (1979-1981)  
Staff Attorney, UMass Student Legal Services (1977-1979)  
Staff Attorney, Western Massachusetts Legal Assistance, Inc. (1976-1977)  
Staff Attorney, Legal Aid Society of New York (1974-1976)

**NARUC and related Committee Memberships and Public Service  
(1998-2003)**

NARUC Consumer Affairs Committee (Vice-Chair)  
Consumer Affairs Committee, New England Conference of Public Utility  
Commissioners (Chair)  
Steering Committee, National Council on Competition in the Electric Industry  
ISO-NE Advisory Committee  
NEPOOL Review Board Advisory Committee      NARUC Ad Hoc Committee  
on Competition in the Electric Industry  
NARUC Ad Hoc Committee on Committee Structure, NARUC  
NARUC Committee on Communications  
FCC Joint Conference on Accounting  
North American Numbering Council  
NBANC Board of Directors

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**FCC Joint Conference on Accounting  
North American Numbering Council  
NBANC Board of Directors**

**Other Activities:**

Chair, Board of Directors, PAYS America, Inc.

**Other Appointments and Professional Activities (1991-1998)**

Independent Conservation & Load Management Expert, Commonwealth Electric Co.  
President's Council on Sustainable Development, Energy & Transportation Task Force  
California Low Income Governing Board (Advisory Bd. To CPUC on low-income  
issues)  
Massachusetts Energy Facilities Siting Board  
Massachusetts Board of Registration of Allied Mental Health Professionals

**Papers and Publications (partial list)**

Primary author (with Oppenheim), *AARP Model Statute for Consumer Protection in  
Electric Industry Restructuring*, Washington, D.C.: AARP (1999).  
Contributing author (with Saunders, Spade, Kimmel), *Water Affordability Programs*,  
American Water Works Association (1998).  
Co-editor and author, *Access to Utility Services* (manual for consumer advocates on  
consumer protection issues and access to utility services), National Consumer Law  
Center (1997).  
*Regulatory Jurisdiction to Enforce Consumer Protections Against Competitive Electricity  
Suppliers: The Case of New England*, in Barbara R. Alexander and NCLC, "Consumer  
Protection Proposals for Retail Electric Competition: Model Legislation and  
Regulations." The Regulatory Assistance Project (October 1996).  
Primary author, *Stranded Benefits in Electric Industry Restructuring*, National Council on  
Competition and the Electric Industry (1996).  
"Intervenor Funding in Public Utility Rate Cases," *Clearinghouse Review*, June 1995,  
Chicago, Illinois.  
*A Low-Income Advocate's Introduction To Electric Industry Restructuring And Retail  
Wheeling*. Rev. Boston, MA : National Consumer Law Center (1994).  
Contributing author, Tenants' Rights to Utility Service (with Margot F. Saunders and  
Roger D. Colton). National Consumer Law Center (1994).  
*How Rates are Set for the Regulated Utility: A Quick Overview*. National Consumer Law  
Center (1994).

**Bar Memberships**

New York State and Massachusetts  
Maine (inactive)

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**NANCY BROCKWAY: TESTIMONY**

Case name	Client Name	Topic	Juris. & Docket No.	Date
Nova Scotia Power, Inc.	NS UARB Consumer Advocate	Proposed Forest Products discount rate	Nova Scotia Utility and Review Board, P-882	October 2005
Nova Scotia Power, Inc.	NS UARB Consumer Advocate	Revenue Requirements, Cost Allocation, Rate Design	Nova Scotia Utility and Review Board, P-882	October 2005
Bay State Gas Company	Local 273	Customer Service, Reliability, Low-Income Protections, Revenue Requirements	Massachusetts DTE, Docket No. 05-27	July 2005
Nova Scotia Power, Inc.	Nova Scotia Utility and Review Board	Domestic Consumer Perspective on Proposed Rate Case Settlement Agreement	Nova Scotia Utility and Review Board, P-881	1/05
Cincinnati Bell Alt Reg	Communities United for Action	Universal Service and alternative regulation of telephone service	PUCO, Case No. 96- 899-TP-ALT	12/97
UGI-Electric Utilities, Inc.	Pennsylvania OCC	Universal Service issues in electric industry restructuring plans	PA PUC, No. R- 00973975	1997
West Penn Power Co.	“	“	PA PUC, No. R- 00973981	1997
Duquesne Light Co.	“	“	PA PUC, No. R- 00974101	997
PECO, Inc.,	“	“	PA PUC, No. R- 00973953	1997
PP&L	“	“	PA PUC, No. R- 00973954	1997
Met Ed.	“	“	PA PUC, No. R- 00974008	9/97
Penelec	“	“	PA PUC, No. R- 00974009	9/97
In the Matter of the Electric Industry Restructuring Plan	New Hampshire Legal Services	Low-income rates and DSM, impacts of restructuring on low- income consumers	New Hampshire Public Utilities Commission, D.R. 96-150	Nov., Dec. 1996

**NANCY BROCKWAY: TESTIMONY**

Notice of Inquiry/ Rulemaking establishing the procedures to be followed in electric industry restructuring...	Mass. CAP Directors Association, Mass. Energy Directors Association, Low-Income Intervenors	Electric industry restructuring	Massachusetts Department of Public Utilities, D.P.U. 96-100.	to 10/98
Universal Service Docket	Pennsylvania Office of Consumer Advocate	Rate rebalancing, universal service, telephone penetration.	Pennsylvania Public Utilities Commission Docket No. I-00940035	1996
Massachusetts Electric Company Proposed Increase in Rates and Incentive Ratemaking Plan	Named Low- Income Intervenors	Incentive ratemaking plan, low-income discount rates and fees, low income DSM.	Massachusetts Department of Public Utilities, No. 95-40	1995
In Re: Electric Industry Restructuring	Named Low- Income Consumers	Electric industry restructuring	Massachusetts D.P.U. Docket No. 95-30	to 10/98
In Re: Complaint of Kenneth D. Williams v. Houston Lighting and Power Co.	Named Low- Income Consumers	Customer service, rate design, demand-side management, revenue requirements	Texas Public Utilities Docket No. 12065	1994-5
Bath Water District, Proposed Increase in Rates	Maine Office of Public Advocate	Water district cost allocation, rate design, low- income water affordability	Maine Public Utilities Commission, Docket. No. 94-034	12/94, 3/95
Application of Ohio Bell Telephone Co. for Approval of Alternative Form of Regulation	Legal Aid Society of Cleveland and Dayton	Definition of universal telecommunications service, proposal for Universal Service Access program (USA).	Public Utilities Commission of Ohio, Case No. 93-487-TP- ALT	5/4/94
Pennsylvania PUC vs. Bell Telephone of Pennsylvania	Pennsylvania Public Utility Law Project	Definition of "universal telecommunications service"	Pennsylvania PUC No. P-930715	filed 12/93

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Joint Application for Approval of Demand-Side Management Programs, etc.	LG&E; Legal Aid Society of Louisville, other Joint Applicants	Cost-effective DSM programs for low-income customers; collaborative process to design DSM programs; cost allocation and cost recovery.	Kentucky PSC No. 93-150	11/8/93
Texas Utilities Electric Company	Texas Legal Services Center	Costs and benefits of DSM targeted to low-income customers	Texas PUC No. 11735	1993
Texas Utilities Electric Company	Texas Legal Services Center	Proposed Maintenance of Effort Rate for low-income customers	Texas PUC No. 11735	1993
Philadelphia Water Department	Philadelphia Public Advocate	Costs of Unrepaired System Leaks	Philadelphia Water Comm'r.	1992
New England Telephone	Rhode Island Legal Services	DNP for non-basic service	Rhode Island PUC, No. 1997	1991
Kentucky Power Co.	Kentucky Legal Services	Low Income Rate	Kentucky PSC No. 91-066	1991
Investigation into Modernization	Invited by Commission	Impact of modernization costs on low income telephone users	New York PSC	1991

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Call Center Performance, PSE&G, 2002-2004

<u>Year</u>	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>
**2002	87.4	4.5	50	0.8
2003	82.3	20.1	187	3.1
2004	86.0	11.0	125	2.1

\*\* For 2002, only April - December data available  
Source: RAR-SQ-71, 73, 13

- A. Percent non-emergency calls answered within 30 seconds
- B. Percent of all calls abandoned by customer
- C. Average speed of answer (seconds)
- D. Average speed of answer (minutes)

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Call Center Performance, PSE&G, PECO and ComEd, 2000-2004  
Percent Calls Answered Within 30 Seconds

<u>Year</u>	<u>PSE&amp;G**</u>	<u>PECO</u>	<u>ComEd*</u>	<u>Combined Exelon</u>
2000		72.3	82.6	80.5
2001		75.0	84.3	82.4
2002	87.4	80.0	78.8	78.9
2003	82.3	78.0	73.5	73.8
2004	86.0	77.0	73.3	74.1

Source: RAR-SQ-71, 73

\*\* For 2002, only April - December data available

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Exhibit NB-SQ-4

Percent service appointments met  
By PSE&G, ComEd and PECO  
2000-2004

Source: RAR-SQ-71

<u>Year</u>	Percent	PSE&G	Percent	ComEd	Percent	PECO
	<u>Met</u>	Percent	Percent	Percent	Percent	Percent
		<u>Not Met</u>	<u>Met</u>	<u>Not Met</u>	<u>Met</u>	<u>Not Met</u>
2000	97.3%	2.7%	99.4%	0.6%		
2001	97.7%	2.3%	97.1%	2.9%	96.0%	4.0%
2002	97.3%	2.7%	94.2%	5.8%	97.0%	3.0%
2003	97.1%	2.9%	95.9%	4.1%	96.0%	4.0%
2004	97.6%	2.4%	98.0%	2.0%	95.8%	4.2%

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**UTILITIES INCLUDED IN REGIONAL ELECTRIC UTILITY SURVEY  
TO DETERMINE FIRST QUARTILE CAIDI AND SAIFI PERFORMANCE**

Source: RAR-SQ-106

- 10 1. Alleghany Power
- 11 2. Atlantic City Electric
- 12 3. Baltimore Gas & Electric Company
- 13 4. Consolidated Edison
- 14 5. Delmarva Power & Light Co.
- 15 6. Dominion Resources
- 16 7. FirstEnergy
- 17 8. Long Island Power Authority
- 18 9. Massachusetts Electric Co (National Grid)
- 19 10. Narragansett Electric Co (National Grid)
- 20 11. NSTAR Electric and Gas Corporation
- 21 12. Orange & Rockland Utilities
- 22 13. PECO Energy Company
- 23 14. Potomac Electric Power Company
- 24 15. PPL Electric Utilities
- 25 16. PSE&G
- 26 17. The United Illuminating Company
- 27 18. UGI Utilities, Inc.
- 28 19. Virginia Power

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CAIDI for PSE&G, PECO and ComEd, 2001-2004

Year	<b>PSEG CAIDI</b>	<b>PECO CAIDI</b>	<b>ComEd CAIDI</b>
2001	85	119	106
2002	100	106	98
2003	80	106	127
2004	69	107	126

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12 Sources:  
13 RAR-SQ-3 (PSE&G); S-ENE-REL-16 (ComEd, PECO)

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**SAIFI for PSE&G, PECO and ComEd, 2001-2004**

	<b>PSE&amp;G SAIFI</b>	<b>PECO SAIFI</b>	<b>ComEd SAIFI</b>
2001	0.55	1.18	1.29
2002	0.81	1.09	1.01
2003	0.63	0.97	1.14
2004	0.64	0.97	1.16

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**SOURCES:**

RAR-SQ-3 (PSE&G); S-ENE-REL-16 (ComEd and PECO)

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**PECO and PSE&G Emergency Call Response in One Hour**  
(Percent)

YEAR	PSE&G	PECO
1999	99.5	99.81
2000	99.71	99.87
2001	99.87	99.95
2002	99.83	99.95
2003	99.86	99.93
2004	99.88	99.93
YTD 05*	99.90	n/a

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Sources: RAR-SQ-72, RAR-SQ-106, S-RS-REL-16 (UPDATE)

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**REGIONAL GAS UTILITIES IN SAMPLE:**

- Alleghany Power
- Baltimore Gas & Electric
- Columbia Gas – Virginia
- Columbia Gas – Pennsylvania & Maryland
- Dominion
- Keyspan Energy Delivery – New England
- NSTAR Gas
- Orange & Rockland
- PECO Energy Company
- Public Service Electric & Gas
- South Jersey Industries
- UGI Utilities, Inc.

Source: RAR-SQ-106