

BEFORE THE
STATE OF NEW YORK
PUBLIC SERVICE COMMISSION

In the Matter of
Consolidated Edison Company Of New York, Inc.

Case 07-E-0523

September 2007

Prepared Staff Rate Panel
Testimony of:

Marco L. Padula
Utility Supervisor
Office of Electric, Gas and
Water

Stephen A. Berger
Utility Consumer Program
Specialist 4
Office of Electric, Gas and
Water

Liliya A. Randt
Utility Engineer 1
Office of Electric, Gas and
Water

State of New York
Department of Public Service
Three Empire State Plaza
Albany, New York, 12223-1350

1 Q. Please state your name, title, employer, and
2 business address.

3 A. Marco L. Padula, Utility Supervisor, Stephen A.
4 Berger, Utility Consumer Program Specialist 4,
5 Liliya A. Randt, Utility Engineer 1. We are
6 employed by the New York State Department of
7 Public Service (Department). Our business
8 address is Three Empire State Plaza, Albany, New
9 York 12223-1350.

10 Q. Mr. Padula, please briefly state your
11 educational background and professional
12 experience.

13 A. I received a Bachelor of Science Degree in
14 Electrical Engineering from Northeastern
15 University in 1990 and Master of Business
16 Administration from Rensselaer Polytechnic
17 Institute in 1998. From 1990 to 1994 I was
18 employed by IBM as an Electrical Engineer
19 responsible for the design and development of
20 high performance power/thermal control systems
21 for mainframe computers. In 1994 I joined the
22 Department.

1 Q. Please briefly describe your current
2 responsibilities with the Department.

3 A. My current responsibilities include electric and
4 steam utility revenue allocation and rate
5 design, computer simulation of electricity
6 production, transmission and pricing, and
7 wholesale electric market issues. I also serve
8 as Staff co-leader on the Con Edison electric
9 and steam rate cases.

10 Q. Have you previously testified before the New
11 York State Public Service Commission
12 (Commission)?

13 A. Yes. I have testified on operating and
14 maintenance expenses in Cases 94-G-0885 and 03-
15 S-1672 and on embedded cost of service studies
16 and rate design in Case 04-E-0572, Case 05-S-
17 1376 and the Stand-by Service proceedings.

18 Q. Mr. Berger, please briefly state your
19 educational background and professional
20 experience.

21 A. I received a Bachelor of Science degree from the
22 Rensselaer Polytechnic Institute in Troy, New

1 York (RPI) in 1975 and a Master of Science
2 degree from RPI in 1987. I am a member of the
3 national mathematics honor society, Pi Mu
4 Epsilon. From 1979 until 2001, I was employed
5 by the New York State Consumer Protection Board
6 in various positions, ultimately as Associate
7 Utility Rates Analyst. From 2001 through the
8 present, I have been employed by the Department.

9 Q. Please briefly describe your current
10 responsibilities with the Department and
11 previous responsibilities with the Consumer
12 Protection Board.

13 A. In my work with the Department of Public Service
14 I have been responsible for analyzing a number
15 of policy issues: including stand-by rates for
16 distributed resources, utility commodity hedging
17 portfolios, renewable portfolio standards,
18 purchase of receivable (POR) programs, advanced
19 and competitive metering, cost allocation and
20 rate design, unbundling of utility services,
21 unbundled utility bill formats, and
22 implementation of changes to the Home Energy

1 Fair Practices Act (HEFPA). In my previous
2 position with the Consumer Protection Board, I
3 was responsible for analyzing issues related to
4 competitive energy and telecommunications
5 policy, cost recovery, sales forecasts, revenue
6 allocation, rate design, consumer protections,
7 as well as other miscellaneous issues.

8 Q. Have you previously testified before the
9 Commission or other regulatory agencies?

10 A. I have submitted testimony in over 50 energy-
11 related proceedings before the Commission on
12 numerous topics including, revenue allocation,
13 rate design, standby rates, unbundling and other
14 issues related to retail competition. I also
15 served as co-chair of one of the four main
16 committees in the 00-M-0504 Competitive Markets
17 Proceeding and participated in and contributed
18 to the other three committees.

19 Q. Ms. Randt, please briefly state your educational
20 background and professional experience.

21 A. I graduated magna cum laude from the State
22 University of New York Institute of Technology

1 at Utica with a Bachelor of Science degree in
2 Mechanical Engineering Technology in May 2004.
3 I also received a Master Degree in Civil
4 Engineering from Poltava Technical University,
5 Ukraine in 1997. I began my employment with the
6 Department in April 2005 and currently hold the
7 title of Utility Engineer 1. While with the
8 Department, I have prepared, analyzed, and
9 reviewed reports and studies involving operating
10 revenues, sales forecasts, operation and
11 maintenance expenses, embedded costs, revenue
12 allocation, and rate design. My duties include
13 engineering analyses of utility rate, pricing,
14 and tariff proposals.

15 Q. Have you previously testified before the New
16 York State Public Service Commission?

17 A. Yes, I testified in the Consolidated Edison
18 Company of New York, Inc. steam rate case (05-S-
19 1376) regarding the embedded cost of service
20 study, rate design, and other revenue
21 requirement issues and in the Freeport Electric
22 rate case (06-E-0911) regarding capital

1 expenditures, depreciation, and rate design. I
2 also testified in the recent Orange and
3 Rockland, Inc. electric rate case (06-E-1433)
4 regarding the delivery revenue forecast.

5 Q. What is the scope of your testimony in this
6 proceeding?

7 A. Our testimony will address the following: (1)
8 the Company's Embedded Cost of Service (ECOS)
9 study; (2) revenue allocation; (3) rate design;
10 (4) price out of Staff's sales forecast; (5)
11 unbundling of competitive services; and (6) the
12 Monthly Adjustment Clause (MAC) and the Market
13 Supply Charge (MSC).

14 Q. In your testimony, will you refer to, or
15 otherwise rely upon, any information produced
16 during the discovery phase of this proceeding?

17 A. Yes. We will refer to, and have relied upon,
18 responses to Staff Information Requests and
19 responses to Information Requests from the City
20 of New York. Copies of those are attached as
21 Exhibit__(SRP-1).

22 Q. Is the panel sponsoring any other exhibits?

1 A. Yes. We are sponsoring Exhibit__(SRP-2),
2 Exhibit__(SRP-3), Exhibit__(SRP-4) and
3 Exhibit__(SRP-5).

4 **Embedded Cost of Service Study**

5 Q. Did the Panel examine the ECOS study submitted
6 by the Company?

7 A. Yes.

8 Q. Please briefly describe the purpose of the ECOS
9 study.

10 A. The ECOS study allocates the Company's costs to
11 the full service, New York Power Authority
12 (NYPA) and Economic Development Delivery Service
13 (EDDS) service customer classes based on an
14 analysis of the rate base and operating expenses
15 for the calendar year 2005. There are three
16 major steps in an ECOS study: (1) the
17 functionalization of costs, such as to
18 production, transmission and or distribution;
19 (2) the classification of costs among demand,
20 energy, or number of customers; and (3) the
21 allocation of each classified function to the
22 individual service classes based on selected

1 characteristics. The final output of the ECOS
2 study is a summary of the overall system and
3 individual class rates of return. This provides
4 an indication of the extent to which each class
5 contributes to the total system rate of return.

6 Q. Please describe the functional classifications
7 used in the Company's study.

8 A. The Company's primary functional classifications
9 are Production, Procurement, Transmission, High
10 Tension, Low Tension - Demand, Low Tension -
11 Customer, Services, Meter Service Provider,
12 Meter Installation, Meter Ownership, Utility
13 Metering, Street Lighting, Customer Accounting
14 and Collecting and Customer Service, Meter Data
15 Service Provider, Printing and Mailing a Bill,
16 Receipts Processing and Uncollectibles. Certain
17 of these primary functions are further broken
18 down into sub-functions such as Underground Low
19 Tension - Customer, Overhead Low Tension -
20 Customer, Underground Low Tension - Demand and
21 Overhead Low Tension - Demand.

1 Q. Do you accept the Company's classification and
2 functionalization of costs?

3 A. Yes. The Company has expanded the traditional
4 list to include those that have allowed it to
5 separately determine the embedded cost of
6 competitive functions such as procurement, meter
7 service provider, and meter ownership. In
8 addition, the Company has reflected the
9 methodology agreed to in the Memorandum of
10 Understanding on Embedded Cost of Service Study,
11 dated March 17, 2006, that resulted from the
12 ECOS collaborative that was held under the
13 Company's current rate plan.

14 Q. What class characteristics does the Company use
15 to allocate the costs, in each of the defined
16 functions, to each class?

17 A. The Company's specific allocation factors are
18 presented in Table 7 of its Exhibit__(ERP-1).
19 The general characteristics that it used are:
20 the summer system peak responsibility (based on
21 the highest five day, four-hour averages); the
22 annual kWh send-out, the class maximum non-

1 coincident (non-coincident with the system peak)
2 demand (NCP), the class sum of individual
3 customer billing demands (ICMD), the number of
4 services installed for each class, the number of
5 customers in each class.

6 Q. How does the Company determine which of these
7 class characteristics to apply to the various
8 costs?

9 A. The Company describes this process in response
10 to NYC Information Request #88. The Company
11 groups its entire transmission and delivery
12 system into three sub-systems; 1) the secondary
13 delivery (low tension) system, 2) the primary
14 delivery (high tension) system and 3) the
15 transmission system. Each of these sub-systems,
16 starting with the secondary system, is
17 progressively further electrically removed from
18 the direct customer connection. To align cost
19 allocation with cost causation, the Company
20 selects the appropriate allocation factor for
21 each sub-system that best reflects how that part
22 of the system is designed. The general approach

1 is that those facilities that are in closest
2 electrical proximity to a customer's site are
3 sized and installed to serve the individual
4 customer loads, so they are allocated to the
5 classes on the basis of the sum of the
6 individual customer maximum demands, of the
7 class. Delivery system facilities located
8 further away from customer sites are considered
9 shared facilities and, therefore, tend to be
10 designed (sized) to meet the aggregate
11 coincident peak of the connected customers.
12 These costs are allocated to each class based on
13 the coincident peak of the class. Finally, the
14 transmission facilities are designed to meet the
15 summer system peak demand and, therefore, these
16 costs are allocated using each class'
17 contribution to the summer system peak demand.

18 Q. Does the panel generally agree with this
19 approach?

20 A. Yes. This approach is supported by the NARUC
21 Electric Utility Cost Allocation Manual which
22 states at page 97 that "[t]he load diversity at

1 distribution substation and primary feeders is
2 usually high. For this reason, customer-class
3 peaks are normally used for the allocation of
4 these facilities. The facilities nearer the
5 customer, such as secondary feeders and line
6 transformers, have much lower load diversity.
7 They are normally allocated according to the
8 individual customer's maximum demands."

9 Q. Please explain the "tolerance band" that the
10 Company applies to the results of the ECOS
11 study.

12 A. The class revenue responsibilities have
13 historically been measured within a +/-10%
14 tolerance band around the total system average
15 rate of return. Classes were considered
16 deficient or surplus if the class return falls
17 outside of this bandwidth. The Company's
18 proposal applies the traditional +/-10%
19 tolerance band approach. The use of a tolerance
20 band is appropriate because the Company's ECOS
21 study can only be considered an approximation of
22 cost responsibilities. Like all cost-of-service

1 studies, it is comprised of judgments (some from
2 the result of other studies) relating to the
3 proper functionalization, classification and
4 allocation of plant costs and expenses.

5 Allocating revenues in an attempt to achieve
6 class rates of return which are exactly equal to
7 the system average fails to acknowledge the ECOS
8 study's inherent inability to portray rate year
9 circumstances in a mathematically exact manner.

10 Use of a tolerance band recognizes that the
11 results of the ECOS study should not simply be
12 mathematically applied.

13 Q. What are the results of the Company's ECOS study
14 in this case?

15 A. The study concluded that the NYPA delivery
16 service class was found to be deficient by
17 \$30,202,161 and the Con Edison full service and
18 retail access and the EDDS service classes in
19 total were determined to produce a revenue
20 surplus of \$44,241,293.

21 Q. What is meant by describing a class as producing
22 either a surplus or a deficiency?

1 A. This means that for the historical test period,
2 in this case calendar year 2005, those classes
3 that were deficient underpaid their share of the
4 costs to serve them and classes that were found
5 to be in surplus, paid more than their share, as
6 measured by each classes contribution to the
7 total system rate of return.

8 Q. Does the Panel accept the Company's ECOS study
9 results?

10 A. No, not completely.

11 Q. With what aspect of the study do you take issue?

12 A. We take issue with the Company's allocation of
13 the Overhead and Underground Low Tension -
14 Demand costs to the SC1 and SC7 rate classes,
15 specifically the D08 and D09 allocation factors
16 as presented in the ECOS.

17 Q. Please continue.

18 A. The D08, Low Tension-Overhead, and D09, Low
19 Tension-Underground, allocation factors were
20 calculated by averaging the NCP and ICMD for the
21 summer and winter season, effectively resulting
22 in a 50% NCP and 50% ICMD weighting. The

1 Company then made a special adjustment to the
2 SC1 Residential and the SC7 Residential Heating
3 classes. The D08 and D09 allocation factors for
4 those particular classes were calculated by
5 applying a 75% weighting to the non-coincident
6 demand and a 25% weighting to the individual
7 customer billing demand. The Company claims
8 that the 75% NCP / 25% ICMD weighting is
9 intended to recognize the higher load diversity
10 (customers less likely to peak at the same time)
11 of these classes. The Company claims that the
12 SC1 and SC7 classes consist predominately of
13 individually metered customers living in large
14 multiple dwelling buildings which makes it more
15 unlikely that the distribution system would ever
16 see the sum of the individual customer loads at
17 the connection to the multiple dwelling building
18 (hence a high load diversity).

19 Q. Does the Panel agree with this special
20 adjustment to the SC1 and SC7 classes?

21 A. No. Although we do recognize that the NARUC
22 Electric utility Cost Allocation Manual states

1 "the customer-class load characteristic used to
2 allocate the demand component of distribution
3 plant (whether customer class NCPs or the
4 summation of ICMDs) depends on the load
5 diversity that is present at the equipment to be
6 allocated" and, therefore, some recognition of
7 the unique diversity of the SC1 and SC7 customer
8 class is necessary, we do not think that the
9 Company has adequately justified this specific
10 75% NCP / 25% ICMD adjustment. The averaging of
11 the NCP and ICMD, as is done for all other
12 classes, does recognize the existence of load
13 diversity on the low-tension system and the
14 Company's special adjustment is an attempt to
15 further refine this allocation, but with no
16 related study or calculation. In response to
17 DPS-74, the Company claims that the year 2000
18 census data shows that approximately 70% of New
19 York City residential dwelling units are located
20 in buildings containing three or more dwelling
21 units. This appears to be the only data source

1 the Company relied on to justify its special
2 adjustment.

3 Q. Does the Company offer a diversity of load study
4 specifically for the SC1 and SC7 classes?

5 A. No. In response to NYC-93, which asked if the
6 Company had a diversity of load study, the
7 Company responded that no diversity studies are
8 available.

9 Q. Do the Company's distribution design
10 specifications take into account the special
11 load diversity of individually metered
12 residential customers living in multiple unit
13 dwellings?

14 A. No, in response to DPS-78, which requested
15 copies of the Company's procedures, system
16 design specifications, guidelines, or other
17 documents and materials that make reference to
18 the consideration of individual customer loads
19 in multiple dwellings, the Company replied that
20 it has no specifications regarding the diversity
21 of loads in multiple dwelling buildings. The
22 Company also notes that based on its experience,

1 the building peak of a multiple dwelling unit
2 building is not the aggregate sum of all
3 individual apartment loads.

4 Q. Do you agree that the peak load of a multiple
5 dwelling unit building is not the aggregate sum
6 of all individual apartment loads?

7 A. Yes. It would be very unlikely that each
8 individually metered customer in a multiple
9 dwelling unit building would experience its peak
10 billing demand at the same time. Therefore the
11 building peak demand that the system would see
12 would be something less than the sum of the
13 individual billing demands. A load diversity
14 study would need to be performed to specifically
15 quantify this difference.

16 Q. What does the Panel recommend?

17 A. Due to the lack of supporting evidence for the
18 Company's proposed special adjustment (75% NCP /
19 25% ICMD) for the two specific service classes,
20 Staff recommends that a 15% tolerance band be
21 applied to the ECOS study and that the Company
22 be required to submit a study that justifies the

1 75% NCP / 25% ICMD or some other ratio to apply
2 when calculating the D08 and D09 allocator for
3 the SC1 and SC7 class in future ECOS studies.

4 Q. Using your proposal regarding a 15% tolerance
5 band, how do the results of the ECOS study
6 change?

7 A. Staff Exhibit__(SRP-2) presents the results of
8 the Staff adjusted ECOS study. In summary,
9 using a 15% tolerance band reduces the NYPA
10 delivery service class deficiency by \$8,395,266
11 to \$21,806,895; eliminates the EDDS \$129,213
12 surplus and reduces various Con Edison full
13 service and retail access class deficiencies and
14 surpluses resulting in a total revenue surplus
15 of \$32,842,720.

16 **Revenue Allocation**

17 Q. Have you reviewed the Company's proposed
18 Transmission and Delivery revenue allocation?

19 A. Yes. The Company first adjusts the surplus
20 revenue amounts for those classes that were
21 found to be surplus on an across-the-board
22 percentage basis, in order to bring total

1 surplus revenues equal to the total deficient
2 revenues amount, thus ensuring that the Company
3 is revenue neutral in this regard. The next
4 step re-aligns the Rate Year T&D revenues, at
5 the current rate levels, to reflect the ECOS
6 surpluses and deficiencies. It then allocates
7 the proposed T&D revenue increase, excluding
8 gross receipts taxes, to each class based on the
9 proportion of each class' respective re-aligned
10 rate year delivery revenues to the total rate
11 year delivery revenues. The class deficiency or
12 surplus is then added or subtracted to the
13 revenue increase allocated to each class to
14 arrive at the total revenue increase for each
15 class.

16 Q. Do you agree with this approach?

17 A. Yes. This approach recognizes the results of
18 the ECOS and balances the rate increase to all
19 classes. This approach has been used by the
20 Company in prior cases and has been accepted by
21 the Commission.

22 Q. Has the panel prepared a revenue allocation?

1 A. Yes, we have performed a revenue allocation
2 using the same general approach as described
3 above, but using Staff's inputs for the sales
4 forecast provided by Staff witness Liu; the
5 revenue requirement increase provided by the
6 Staff Accounting Panel; and the results of the
7 ECOS based on our recommended changes described
8 above. We note that the revenue requirement
9 increase provided to us by the Staff Accounting
10 Panel is an overall revenue requirement increase
11 which includes the rate changes related to the
12 Company's Monthly Adjustment Clause (MAC) and
13 Purchased Power Working Capital. Due to time
14 constraints, the Staff Accounting Panel was
15 unable to calculate the effect of its proposed
16 adjustments on the MAC and Purchased Power
17 Working Capital rate changes. Therefore, we
18 used the same MAC and Purchased Power Working
19 Capital rate changes proposed by the Company in
20 determining the net increase to the bundled T&D
21 revenue requirement, the effect of which is a
22 slightly lower net increase to the bundled T&D

1 revenue requirement than would otherwise have
2 resulted.

3 Q. Is Staff's revenue allocation provided herein as
4 an Exhibit?

5 A. Yes, it is presented in Exhibit__(SRP-3) and
6 Exhibit__(SRP-4). Exhibit__(SRP-3) shows the
7 class revenues re-aligned to reflect the results
8 of the modified ECOS. Exhibit__(SRP-4) shows
9 the resulting approximate recommended increases
10 for each service class. As shown, the SC1, SC2,
11 SC7, SC8, and the EDDS delivery service classes
12 receive average increases of approximately 17.5%
13 while the SC6, and the NYPA delivery service
14 classes receive above average increases and the
15 SC4, SC5, SC9, SC12 and SC13 classes receive
16 below average increases.

17 Q. Did you need to make a mitigation adjustment to
18 insure that no class receives an increase
19 greater than 150% or less than 50% of the system
20 average increase?

21 A. Yes, there were three classes (SC5 Rate I, SC5
22 Rate II and SC9 Rate II) that were adjusted to

1 bring the classes' increase to 50% of the system
2 average. We increased the share of the overall
3 rate increase to those three classes and reduced
4 it for all other classes. Our adjustments are
5 based on the ratio of the individual class
6 revenue to the total revenue of those classes
7 receiving the reduction. The resulting adjusted
8 rate year proposed percentage increases are
9 shown in Exhibit__(SRP-4) Column 13.

10 Q. Did the Company's proposal recognize the full
11 effect of the surplus and deficiencies of the
12 ECOS?

13 A. Yes it did, but the Company also stated in
14 testimony that in the context of a multi-year
15 plan, it would be amenable to phasing in the
16 elimination of the revenue deficiencies.

17 Q. Does the Panel have a similar view?

18 A. We certainly recognize that attempts to improve
19 the inter-class equity by recognizing the return
20 deficiencies and surpluses exhibited by the ECOS
21 study will create bill impacts. We therefore
22 have provided an alternate revenue allocation

1 proposal for the Commission to consider if it
2 sees the need to further ameliorate potential
3 bill impacts of the overall rate increase in
4 this case. Staff's alternate revenue allocation
5 essentially addresses only 1/3 of the total
6 deficiency exhibited by the ECOS (as modified
7 using a 15% tolerance band), the results of
8 which are provided in Exhibit__(SRP-5).

9 **Rate Design**

10 Q. Please summarize the Company's proposed rate
11 design.

12 A. Using its 2005 ECOS, the Company first
13 determines the embedded costs associated with
14 the competitive services. The embedded
15 competitive service costs are then increased to
16 reflect the increased rate year revenue
17 requirement. The Company then subtracts the now
18 increased total rate year competitive services
19 revenue requirement for each class from the
20 total rate year revenue requirement increase
21 allocated to each class, to arrive at what it
22 refers to as the rate year "non-competitive

1 delivery revenue increase" for each class. The
2 non-competitive delivery revenue increase was
3 then restated back to an historic period, being
4 the twelve months ended December 31, 2005. This
5 is the period for which the Company has detailed
6 billing determinants. It then uses these
7 historic billing determinants to apply the
8 restated delivery revenue increase to,
9 ultimately resulting in the proposed rate year
10 rates. A similar process is used in designing
11 the NYPA and EDDS rates with the exception that
12 the first step of determining the competitive
13 services revenue requirement is not performed
14 since the Company is not proposing competitive
15 services rates for those classes.

16 Q. Do you agree with the Company's methodology used
17 to determine the rate year competitive services
18 rates and the corresponding rate year non-
19 competitive delivery revenue increase?

20 A. Yes, this is reasonable. The method recognizes
21 that the unbundled embedded competitive services
22 costs, which are based on 2005 data, should be

1 increased to reflect the rate year revenue
2 requirement.

3 Q. Do you agree with the Company's method of using
4 the historical period billing determinants and
5 restated rate year revenues to develop the
6 proposed new rates?

7 A. Yes, this methodology has traditionally been
8 used by the Company in the past. The historic
9 period billing determinants provide a reliable
10 basis on which to design the proposed rates.

11 Q. Have you examined the Company's class-specific
12 rate design guidelines as presented beginning on
13 page 54 of the Company's Electric Rate Panel
14 Testimony?

15 A. Yes. We find them to be reasonable.

16 **Revenue Forecast**

17 Q. Have you reviewed the Company's forecasted rate
18 year revenues at current rate levels?

19 A. Yes. As reflected in Company Exhibit__(FP-3),
20 the Company forecasts collecting \$6.6 billion in
21 retail T&D revenues during the rate year at
22 current rate levels and based on its sales

1 forecast of 58,541 GWhrs.

2 Q. Does Staff propose a different level of sales
3 for the rate year?

4 A. Yes. Staff witness Liu is proposing adjustments
5 that will increase the level of sales reflected
6 in the Company's forecast by 223 GWhrs. Staff's
7 increased sales level will increase the level of
8 projected revenues the Company would collect at
9 current rates, thereby reducing the need for
10 rate relief otherwise being requested by the
11 Company.

12 Q. Have you developed an adjustment to the rate
13 year revenue requirement based on Staff's
14 forecast of increased sales?

15 A. Yes. We estimate the rate year revenue
16 requirement requested by the Company should be
17 reduced by \$18.4 million.

18 Q. Please explain how you arrived at your
19 adjustment.

20 A. In response to DPS-6, the Company provided a
21 model that priced out the rate year revenues at
22 current rates based on its forecasted customer

1 and sales levels. Staff used this model to
2 calculate the level of rate year revenues that
3 would be collected at current rates based on
4 Staff's increased sales levels. Our adjustment
5 does not reflect taxes.

6 Q. Please explain how you calculated the billable
7 demands for Con Edison's commercial customers?

8 A. In response to DPS-94, the Company provided a
9 spreadsheet that calculates billable demand
10 which is based on the ratio of the forecasted
11 energy volumes and the average hours use.

12 Q. Would this adjustment normally be updated?

13 A. Yes. The level of sales is dependent on price
14 elasticity. As the price of electricity goes up
15 or down, so does the expected customer usage
16 level. Since the sales forecast takes into
17 consideration the Company's revenue requirement,
18 which is subject to change during the course of
19 this proceeding, the level of sales, and the
20 resulting revenues, will also be subject to
21 change. Therefore, we propose that this
22 adjustment be updated when Staff files its final

1 brief in this proceeding.

2 **Unbundling of Competitive Services**

3 Q. Have you reviewed the Company unbundling of
4 competitive services?

5 A. Yes. We have examined the Company's proposals
6 for unbundling and find them generally sound,
7 with some adjustments we will discuss below.

8 Q. Generally describe how the Company arrived at
9 the competitive services rates?

10 A. The Company essentially followed the unbundling
11 orders and policy of the Commission and also
12 continued some adjustments that had been part of
13 its current rates.

14 Q. Do you take issue with any of the unbundled
15 competitive services rate components proposed by
16 the Company?

17 A. Yes. In Con Edison's Electric Rate Panel
18 testimony, the Company proposes to continue a
19 bifurcated merchant function charge (MFC) where
20 the "credit and collection related MFC
21 component" would be paid by all customers billed
22 by Con Edison, regardless of commodity supplier.

1 The other portion of the MFC contains commodity
2 procurement; information resources (IR),
3 education and outreach, and uncollectibles
4 associated with commodity and would only be paid
5 by customers purchasing their commodity from Con
6 Edison.

7 Q. Why does the Company propose to maintain a two
8 part MFC?

9 A. When Con Edison bills for both its delivery
10 service and the commodity of another provider
11 (energy services company or ESCO), it does so
12 under a purchase of receivables (POR) of the
13 ESCO at a discount. That POR discount currently
14 does not include an adjustment for credit and
15 collections, even though the Commission's
16 unbundling orders and policy call for the MFC to
17 contain credit and collection expenses related
18 to commodity supply. To recover these expenses
19 from ESCO customers, Con Edison split the MFC
20 into two parts, both of which are merchant
21 related, but only one of which is not charged to
22 ESCO customers on Company consolidated bills.

1 Q. Do you agree with this MFC split and its
2 consequences on the POR discount?

3 A. No. We propose that Con Edison merge the two
4 MFCs into a single charge, and that the single
5 MFC and POR discount both be calculated by
6 including the commodity-related credit and
7 collection costs.

8 Q. Why should the Company's MFC and POR discounts
9 be treated as you propose?

10 A. The basic premise underpinning the retail
11 provision of commodity is that the ESCO is
12 providing all the services and performing all of
13 the functions of a retail merchant, including
14 billing and payment processing, customer care,
15 and credit and collections and assumes all risk
16 for failure to collect billed revenues. For
17 this reason, the price or rate charged by retail
18 commodity ESCOs should reflect the full cost and
19 related risks of providing these services. By
20 only charging full service customers the "credit
21 and collection related MFC component," along
22 with the other costs contained in the remainder

1 of the MFC, the ESCO becomes responsible for
2 addressing these costs. In the POR process, the
3 ESCO is subcontracting with the utility to
4 perform certain functions that otherwise would
5 be performed by ESCO back office personnel,
6 including credit and collections activities.
7 Therefore, the POR discount should be calculated
8 to reflect all the commodity-related activities
9 that the utility will be performing on behalf of
10 the ESCO. This is designed to fully reimburse
11 the utility for the costs that would otherwise
12 be borne by the ESCO to do these functions for
13 themselves.

14 Q. Would it be appropriate to keep credit and
15 collection costs within Con Edison's delivery
16 rates to be recovered directly from the
17 customer, rather than include them in the
18 utility commodity supply costs and then recover
19 them from the ESCOs in a POR discount?

20 A. No. To do so would distort the price to
21 customers of the commodity, which has been
22 artificially lowered to exclude credit and

1 collection expenses. Moreover, it would create
2 problems for Suppliers who chose to develop
3 their own systems because their commodity prices
4 would appear to be above those of Suppliers who
5 relied on the utility to do this work for them.

6 Q. Is Con Edison willing to implement these changes
7 to its pre-filed proposals?

8 A. Yes. In the recent Joint Proposal for the
9 Company's natural gas service and in
10 collaborative work with Staff on its unbundled
11 bill format, the Company has already supported
12 the adjustment of its treatment of the MFC and
13 POR discount in the manner we propose. Further,
14 in response to DPS-410.1, Con Edison indicated
15 that it is amenable to adopting the same
16 resolution in this proceeding that it agreed to
17 in the Company's recent gas case.

18 Q. Are there additional reasons for adopting the
19 approach taken for Con Edison's gas operations
20 in this proceeding?

21 A. Yes. Conforming the MFC and POR discounts for
22 both electric and gas service in the Company's

1 service territory will simplify customer bills
2 and reduce confusion. A two-part MFC, both
3 parts containing supply-related merchant costs,
4 only one portion of which would be avoided by
5 most ESCO customers is inherently confusing.
6 Having two different treatments of the MFC on a
7 single bill for an electric and gas customer
8 would exacerbate that confusion.

9 Q. Do you have any other concerns related to Con
10 Edison's unbundling and customer bills?

11 A. In examining the Company's response to DPS-410.3
12 and the referenced proposed tariff leaves, it is
13 unclear whether Con Edison plans to correctly
14 bill customers for bill issuance and payment
15 processing (BIPP) charges.

16 Q. What policy has the Commission established for
17 BIPP charges?

18 A. The Commission has addressed this issue twice,
19 once in regard to billing credits in the Billing
20 Proceeding (Cases 98-M-1343 and 99-M-0631, order
21 issued and effective May 18, 2001) and again in
22 the Competitive Opportunities Case - Unbundling

1 Track (Case 00-M-0504, order issued and
2 effective February 18, 2005). In both cases,
3 the Commission ruled that the customer should
4 only pay a utility for BIPP service when
5 receiving both commodity and delivery from the
6 utility for all commodity services taken. When
7 the customer receives a consolidated bill from
8 the utility (a bill that includes ESCO charges),
9 the utility should collect a billing fee equal
10 to the amount of the BIPP charge from the ESCO
11 or ESCOs. Where a single ESCO serves the
12 customer for either all commodity or one of two
13 commodities taken, it still is required by the
14 Commission to pay the entire BIPP fee. In this
15 instance the customer should not be charged by
16 the utility for billing services (See
17 specifically, Case 00-M-0504, Proceeding on
18 Motion of the Commission Regarding Provider of
19 Last Resort Responsibilities, the Role of
20 Utilities in Competitive Energy Markets and
21 Fostering Development of Retail Competitive
22 Opportunities - Unbundling Track, Commission

1 Order (issued February 18, 2005)). Where there
2 are two ESCOs serving the customer, one for
3 electricity and one for natural gas, the ESCOs
4 would each pay half of the BIPP fee and again
5 the customer should not be charged by the
6 utility for billing services.

7 Q. How does Con Edison treat these BIPP service
8 charges?

9 A. It is unclear from the information request
10 response and tariff leaves whether a combined
11 electric and gas customer which takes only one
12 commodity from an ESCO would be required to pay
13 a BIPP charge. According to the chart on tariff
14 leaf 106-D (Exhibit__(SRP-1)), it appears that
15 Con Edison intends to charge customers half of
16 the BIPP amount under four scenarios where the
17 Company provides one commodity service and an
18 ESCO provides the other. Con Edison's tariff
19 leaves imply that when an ESCO provides a single
20 commodity service to a dual commodity customer,
21 it is only required to pay half the BIPP fee and
22 the customer is charged the balance. As we have

1 previously stated, this is not in compliance
2 with Commission orders and policies on the
3 application of these charges and fees.

4 Q. What do you recommend?

5 A We recommend that if Con Edison is in compliance
6 with the orders and customers are charged for
7 BIPP only when receiving their entire commodity
8 from the Company that the tariff leaves be
9 clarified to accurately reflect that. If, on
10 the other hand, Con Edison actually proposes
11 that dual commodity customers with a single ESCO
12 serving only one of those commodities, be
13 charged half the BIPP charge, the tariff should
14 be amended to state that customers are only
15 assessed a BIPP charge when taking all commodity
16 from Con Edison. The Company's billing service
17 agreement with ESCOs should be similarly amended
18 to state that ESCOs taking consolidated billing
19 service from Con Edison are responsible for
20 paying the BIPP fee, either in full or as split
21 with any other ESCO also serving that customer
22 on the same consolidated bill.

1 Q. Will the proposed rates for competitive services
2 need to be reviewed and possibly revised based
3 on the final revenue requirement approved by the
4 Commission?

5 A. Yes, the Company will need to reflect the final
6 rate year revenue requirement approved by the
7 Commission in its revisions to rates for all
8 services, including those for competitive
9 services.

10 **Monthly Adjustment Clause and Market Supply Charge**

11 Q. Do you agree with the Company's proposal to move
12 several supply-related cost components from the
13 Monthly Adjustment Clause (MAC) to the Market
14 Supply Charge (MSC)?

15 A. Yes, we believe the proposed changes to the MSC
16 and MAC are appropriate. However, in making
17 these changes, the MSC, as presented on
18 customers' bills, will continue to deviate from
19 the true market value of supply. We propose
20 that the MSC reflect the market value of supply
21 and the Company's Adjustment Factor-MSD be used
22 to reconcile the differences between the actual

1 market values and the Company's cost of electric
2 supply.

3 Q. Please explain the Company's MSC and Adjustment
4 Factor-MS.

5 A. The MSC is a cost recovery mechanism designed to
6 reimburse the Company for the supply-related
7 cost components incurred on behalf of full-
8 service customers. The Company estimates the
9 MSC for a three-month period based on forecasted
10 sales and forecasted supply-related costs. The
11 Adjustment Factor-MS reconciles the difference
12 between the estimated MSC and actual supply-
13 related costs on a one month lag.

14 Q. Under the Company's proposal, will the MSC
15 reflect the actual market price of electric
16 supply?

17 A. No, it will not. As proposed, the MSC, as
18 presented to the customer, includes non-market
19 value components such as costs and benefits from
20 financial hedging; New York Independent System
21 Operator (NYISO) commodity related re-bills;
22 total supply costs, rather than only market

1 value costs, associated with specific energy and
2 capacity contracts; and certain Transmission
3 Congestion Contract (TCC) costs and revenues.

4 Q. Why do you propose that the MSC reflect only the
5 market value of supply?

6 A. Customers should have an opportunity to see
7 actual market prices so that they can make
8 informed consumption decisions and decisions on
9 competitively priced alternative supplier
10 offers. We believe a rate mechanism that
11 separates the representation of actual market
12 prices from the hedging gains and losses and
13 other supply service reconciliations is a more
14 functional rate form for presenting commodity
15 service on customers' bills.

16 Q. The Company's proposal essentially continues its
17 current practice of forecasting and posting the
18 MSC for three months in advance. Is this the
19 optimal solution to representing the actual
20 market price?

21 A. No. Optimally, actual day-ahead market prices
22 that are in effect during the customer's

1 specific billing period, rather than forecasted
2 market prices, should be used in pricing out a
3 customer's consumption. This would eliminate the
4 need to later reconcile the forecast MSC values
5 to actual market prices, which can produce
6 relatively large over and under-collections
7 through time. We recommend that the Company file
8 a plan within 60 days of a Commission order in
9 this proceeding to revise its MSC charge so that
10 it reflects actual day-ahead market prices that
11 were in effect during each customer's billing
12 period. In this plan, the Company should
13 identify specific issues that will need to be
14 resolved and include a proposed schedule of
15 implementation.

16 Q. Does this conclude your testimony at this time?

17 A. Yes.