



Amy G. Rabinowitz
Assistant General Counsel

May 24, 2005

Mary L. Cottrell, Secretary
Department of Telecommunications and Energy
One South Station
Boston, MA 02110

Re: Massachusetts Electric Company; Summer Load Relief Program for North Lowell, Dracut, E. Longmeadow, and Brockton; D.T.E. 05-_____

Dear Secretary Cottrell:

On behalf of Massachusetts Electric Company (“Mass. Electric” or “Company”), I am enclosing for Department approval a proposed Summer Load Relief Program for the North Lowell, Dracut, E. Longmeadow, and Brockton areas (“Program”) that the Company wishes to implement beginning June 1, 2005.

This program is essentially the same as the 2004 Summer Load Relief Program that the Department approved in D.T.E. 04-46 and the 2003 Summer Load Relief Program that the Department approved in D.T.E. 03-53. As described in this letter, the Company proposes three changes to the Program from last year. First, the Company has expanded the geographic territory of the Program, which will increase the number of customers eligible to participate. Second, the Company proposes to offer a retainer in addition to the per kWh credit to participating customers. Third, the Company proposes a three year tariff, instead of a one year tariff, as a greater incentive for customers to participate. As with previous years, this Program does not affect charges to any other customers.

Mass. Electric wishes to implement this Program again in order to reduce the potential for operational or service problems in these areas during peak load periods this summer. In addition, Mass. Electric wishes to further test whether load relief can provide an opportunity for Mass. Electric to defer upgrades to the distribution system. Thus, the proposed Program would provide a number of benefits: (1) participating customers would receive direct credits on their bills for voluntary load reductions; (2) any reduction from voluntary load reduction will reduce the loading on the lines, possibly preventing an overload condition; and (3) the Company would gain additional information regarding customer participation in demand response initiatives and

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whether this information can form the basis for possible future deferral of infrastructure improvements.

Because of the benefits provided from the Program, and because the Program will be funded fully by Mass. Electric, the Company requests that the Department approve the Program so it can be implemented as soon as possible.

Description of Areas Included in the Program

The Company proposes to offer the Program in four areas:

- (1) the North Lowell area served by the Boulevard, Hoover St., Worthern St., and Perry St. substations;
- (2) the Dracut area served by the E. Dracut and N. Dracut substations;
- (3) the E. Longmeadow area served by the Shaker Rd. and E. Longmeadow substations;
- and
- (4) the Brockton area served by the Belmont St., Ames St., and Parkview substations.

As the Department knows, the Company has offered a pilot targeted program in the Brockton area which is provided pursuant to a Targeted Demand Response Program Provision. The 2004 program, tariff MDTE No. 1068, expired on September 30, 2004. This year, instead of requesting separate Department approval for Brockton, the Company proposes to have one program across the service territory operating under one tariff.

The Company also wishes to expand the Brockton area to include customers fed from the Parkview substation in addition to those fed from the Belmont St. and Ames St. substations. The intent of the Brockton area program was to determine if localized load relief could potentially allow for the deferral of a 50 MVA transformer at the Belmont St. substation. As load continues to grow in the area, the Company is contemplating either additional transformer(s) at one of these substations or the construction of a new substation. In either event, it will be useful to provide targeted load relief in the area to either provide sufficient time for the upgrades to occur or to allow for the deferral of these upgrades if sustained load relief can be obtained.

For the summer of 2004, the Company allowed participation in the area served from the E. Dracut and N. Dracut substations in Dracut ("Dracut area") and the Boulevard and Hoover St. substations in Lowell ("North Lowell area"), where infrastructure improvements will be needed in the next three to eight years. The Company now proposes to expand this area to include two other substations, the Worthern St. and Perry St. substations, which have feeder ties connecting them to the substations in the Dracut area and North Lowell area. By doing so, the Company will increase the number of customers who can participate. In addition, the Company hopes to determine whether implementing a broader load relief program earlier in the planning and permitting process will increase the success of load relief.

East Longmeadow is new to the list of participating areas. The Company has identified the area fed from the Shaker Rd. and E. Longmeadow substations in E. Longmeadow as an area where specific improvements may not be completed for the summer of 2005 due to delays in construction. An upgrade of the transformer at Shaker Rd. is scheduled to occur by mid to late June; however, in the event this upgrade does not occur in this time frame, it would be advantageous to have localized load relief in the event of extreme weather conditions.

Based on feedback from customers who have enrolled in past programs and possible participants for this Program, the Company believes it has the potential to achieve load reductions of approximately 1,000 kW to 2,000 kW in the Brockton area, 1,000 kW to 2,000 kW in the North Lowell and Dracut area, and 1,000 kW to 2,000 kW in the E. Longmeadow area during peak periods this summer.

Implementation of the Program

Mass. Electric intends to implement the Program similar to its implementation of its Summer Load Relief Programs and its Targeted Demand Response Program approved by the Department in D.T.E. 03-53 and 04-46. The Company will enroll customers with demands over 100 kW who are situated in the areas included in the Program. The 2004 credit of \$0.50/kWh for each kWh reduced¹ will remain. In addition, Mass. Electric proposes to provide a retainer of \$3 per enrolled kW for the months of June, July, and August in order to evaluate the factors that contribute towards motivating customers to enroll. The retainer would be adjusted based on an enrolled customer's performance during calls for load curtailment. Mass. Electric proposes to implement the Program pursuant to the proposed Summer Load Relief Program tariff provision included as Attachment 1 to this letter. Participating customers will execute a service agreement in the form of the Summer Load Relief Program Agreement included as Attachment 2 to this letter. These documents are similar to the ones that the Company used in its 2004 Summer Load Relief Program and are revised only to reflect the additional geographic area, the retainer, and the three year term discussed below.

As described in the proposed tariff provision and service agreement, the Company will determine a baseline load for each customer in the Program, which is intended to represent what the customer's load would have been if there had been no load reduction. In the event of a call for curtailment, the Company will measure the customer's actual load during each hour of the load reduction period and compare it to the customer's baseline, the difference being the "curtailed load" for each hour of the load reduction period. The Company will then credit customers \$0.50 per kilowatt-hour for each kilowatt-hour of curtailed load on their accounts within ninety days of the call for load reduction. In addition, the customer will receive a retainer of \$3 per enrolled kW for the months of June, July, and August. Finally, as with its other load

¹ The selection of the \$0.50/kWh credit is based on the relative success of the Brockton Pilot conducted during the summer of 2002. Results from the Brockton Pilot suggest that a credit of this amount is sufficient to induce customers to curtail load. This credit level also has been reported by industry sources to produce reasonable load reduction performance. See, e.g., E-Source Report, *Making Peak Load Management Work for the Mid-Market Industrial* (Oct. 2001), attached as Exhibit TRR-2 to Mass. Electric's May 31, 2002 filing in D.T.E. 03-53.

response programs, the Company does not propose that there be any form of “non-compliance penalty” or other sanction for failure of enrolled customers to reduce load when called, except that the retainer may be adjusted, up or down, to reflect the customer’s average monthly curtailment performance for the following month.

Because the Program is designed to reduce loads in specific, local areas on the distribution system, its purpose is different from those of generally available load response programs that are designed to address system-wide or regional generation or transmission issues, such as the ISO-NE load response program. There may be times this summer when the conditions experienced on the local distribution system differ from those affecting the broader regional electric system, and calls for participation under the Program might not necessarily coincide with calls for participation under the broader ISO-NE programs. Accordingly, Mass. Electric proposes that the Program be offered in parallel with other generally available load response programs, and proposes to enroll customers in the appropriate ISO-NE load response program in conjunction with their participation in the Company’s Program. Thus, customers could participate in multiple load response programs. In addition to increasing potential customer participation in load response programs, allowing multiple participation provides these customers with additional benefits and also yields additional information on the effect of increasing credit levels on customers’ willingness to participate in demand response.

The Company has included the use of customer-owned distributed generation in various load relief programs since 2002, but few customers have participated. To further expand participation in the Program, the Company is working with the Massachusetts Renewable Energy Trust (“MRET”) to locate customers within the N. Lowell and Dracut areas who have an interest in renewable distributed generation projects under MRET’s Utility Congestion Relief Partnerships program.

Effective Date and Term

Mass. Electric requests that it be allowed to implement the Program starting June 1, 2005. The Company is proposing that the term of the Program end on September 30, 2007, and that the term consist of three (3) Program periods consisting of the months June through September during 2005, 2006, and 2007. Customers will remain in the Program unless the Company or the customer terminates participation in writing to the other party at least thirty days prior to such termination. The Company respectfully requests the Department’s approval of this proposal in time for the proposed effective date.

Conclusion

Mass. Electric’s proposed Summer Load Relief Program will provide several benefits for customers and the Company: (1) participating customers will receive direct credits on their bills for voluntary load reductions without the risk of a penalty for non-performance; (2) any reduction from voluntary load reduction will reduce the loading on the lines, possibly preventing an overload condition; and (3) the Company will obtain additional information regarding customer participation in demand response initiatives. Because the program will be fully funded

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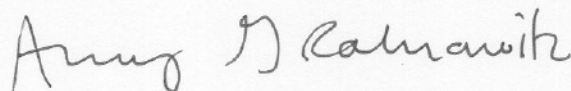
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by Mass. Electric at no cost to ratepayers, and because the only effect on customer bills would be reductions in the form of credits to participating customers, the Company requests the Department approve this proposed Program in time for the Company to implement it by June 1.

Thank you very much for your time and attention to this matter.

Very truly yours,

A handwritten signature in cursive script that reads "Amy G. Rabinowitz". The signature is written in dark ink and is positioned above the printed name.

Amy G. Rabinowitz

cc: Joe Rogers, Office of Attorney General

Massachusetts Electric Company
Summer Load Relief Program Filing

Attachment 1
Proposed Tariff

MASSACHUSETTS ELECTRIC COMPANY
SUMMER LOAD RELIEF PROGRAM PROVISION

AVAILABILITY

Participation in the Company's Summer Load Relief Program (Program) is available to customers in the North Lowell area fed from the Boulevard, Hoover St., Worthen St, or Perry St. substations, the Dracut area served by the E. Dracut or N. Dracut substations, the E. Longmeadow area served by the Shaker Rd. and E. Longmeadow substations, and the Brockton area served by the Belmont St., Ames St., and Parkview substations that are also receiving retail delivery service under the Company's General Service Time-of-Use Rate G-3. Eligible customers must have hourly metering at their facilities and be able to designate as Projected kW Reduction of at least 50 kW.

A customer participating in the Program must execute a service agreement, subject to the Company's approval, which sets forth the specific requirements of the customer and the Company.

The Company reserves the right to limit participation in the Program. The Company will notify enrolled customers prior to the Program Period of each year of its intent to offer the Program during the upcoming Program Period.

DEFINITIONS

These definitions are based on the current ISO-NE definitions, as may be amended from time to time by the ISO-NE.

Baseline-to-Actual Adjustment: For the hour that is two hours prior to the Interruption, the difference between the average of the 15-minute integrated load, as measured by the Company's metering equipment in kilowatts or 90% of kilovolt-amperes, whichever is larger, and the Baseline Load.

Baseline Load: For each hour of the Interruption and for the hour that is two hours prior to the Interruption, the average of the 15-minute integrated load, as measured by the Company's metering equipment in kilowatts or 90% of kilovolt-amperes, whichever is larger, during each of the five business days (excluding holidays, shutdowns, and days having called interruptions) immediately prior to the Interruption.

Curtailed Load: For each hour of the Interruption, the difference between the Expected Load and the average of the 15-minute integrated load, as measured by the Company's metering equipment in kilowatts or 90% of kilovolt-amperes, whichever is larger. In no event shall the Curtailed Load exceed the Expected Load.

Expected Load: For each hour of the Interruption, the Baseline Load adjusted by the Baseline-to-Actual Adjustment.

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Interruption: Any particular day of the year chosen by the Company or its designated agent during which the customer, after proper notification by the Company via the established communication system, agrees that it will curtail its load requirements provided by the Company by the level of Nominal Interruptible Load. Each Interruption will have specified hours.

Interruption Period Load: The average of the 15-minute integrated load, as measured by the Company's metering equipment in kilowatts or as 90% of kilovolt-amperes, whichever is larger, during the specified hours of the Interruption.

Projected kW Reduction: The amount of KW that the customer commits to curtail during the hours of Interruption. This quantity is determined prior to and will be fixed for the Program Period.

Peak Period: Non-holiday weekdays during the hours of 7 am and 11 pm.

Program Period: June 1 through September 30.

RATES FOR RETAIL DELIVERY SERVICE

The customer shall be billed by and pay the Company for kWh delivered to the customer during a billing month in accordance with the Company's General Service Time-of-Use Rate G-3, as may be amended from time to time.

METHOD OF NOTIFICATION

The Company will provide advance notice of an interruption to the customer by means of a message sent to a Primary Contact and/or Secondary Contact as per the contact information in Appendix A of the agreement. The minimum period of notification will be thirty (30) minutes. The customer must send return notification by means of an e-mail or telephone call to the Company to confirm that the customer will be participating in the Interruption.

CREDIT CALCULATION

The credit will consist of two components:

1. Performance Credit

The Performance Credit will be calculated for each hour of Interruption and will be determined by the following formula:

Credit= Credit per kWh x each hour's Curtailed Load

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The Performance Credit will be calculated individually for each hour of each Interruption called by the Company and will appear as a credit on the customer's monthly retail delivery service bill issued by the Company. The Credit will be applied to the customer's account within 90 days of the Interruption.

2. Retainer Credit

For customers who have received notification under the Availability Clause that the Company is offering the Program during the upcoming Program Period, the Company will credit customers' accounts no later than November 30 following a Program Period a monthly retainer of \$3 per enrolled kW for each of the months of June, July, and August of that Program Period. The monthly retainer may be adjusted up or down based on a customer's actual performance during each of the months after a call(s) for interruption by the Company. In addition to operational calls for curtailment, the Company will conduct tests of the load shed capability of enrolled customers once a month. During tests and calls for curtailment, the customer will be required to curtail an average of at least 50% of the enrolled kW in each month in order to continue to receive the full retainer for the current month. In the event the customer is able to consistently curtail additional kW that is at least 50% above the enrolled kW, the Company may adjust the retainer to reflect the higher kW.

CREDIT PER KWH

The Credit per kWh that the customer will earn for Curtailed Load during an Interruption called by the Company shall be \$0.50 per kWh.

TERM OF AGREEMENT

The agreement for service under these terms and conditions shall remain in effect until the first to occur of: (1) October 1, 2007; or (2) termination by the Company or the customer by a minimum of thirty (30) days advance written notice.

ENROLLMENT IN ISO-NE PROGRAM

The Customer will be enrolled in the appropriate ISO-NE price response program in addition to participating in this program.

Effective: June 1, 2005

Attachment 2

Proposed Service Agreement



Summer Load Relief Program Agreement

This Agreement, dated _____, 200_ (“Effective Date”), is entered into between Massachusetts Electric Company (“Company”), with a principal address at 55 Bearfoot Road, Northborough, MA 01532 and _____ (“Customer”) who has an electric account with Company at the address and account specified below:

Account # _____

Customer’s “Projected kW reduction” (kW available for curtailment at above account) under this Agreement is: _____ kW

1. Program Summary

The Company is offering a Summer Load Relief Program (“Program”) in order to manage load at a targeted substation (“Substation”) to ensure reliability and help determine the feasibility of load management as a planning tool for infrastructure improvements. This program will allow customers to monitor their electric load and voluntarily reduce energy consumption during certain periods determined by the Company.

2. Customer Eligibility

The Program is available only to customers who meet all of the following criteria:

- a) their electric load is fed from one of the locations outlined in the 2005 filing with the MA DTE
- b) have a demand of 100 kW or greater;
- c) are capable of curtailing a minimum of 50 kW;
- d) are available for interruption between 10 am and 7 pm on all non-holiday weekdays;
- e) have hourly load metering in place

By executing this Agreement, Customer acknowledges that it meets the above eligibility criteria and will continue to meet the criteria throughout the term of the Agreement. In addition, the Customer authorizes Massachusetts Electric Company to enroll the Customer in the ISO-NE’s price response program in effect for the applicable year

3. No Third Party Rights

Customer has no further right to use, sublicense, distribute, transfer or transmit the Company’s services or otherwise permit the use of the Company’s services by or for any third party.

4. Procedure for Requests to Reduce Load

As a participant in the Program, the Company will notify the Customer when the Company foresees the need for a load curtailment event.

Customer shall provide a primary and secondary contact person's name and information for notification by the Company of a load reduction opportunity on Appendix A. The Company will send a message to the Primary Contact and/or Secondary Contact as per the contact information in Appendix A.

The schedule for load curtailment and the cessation of load curtailment will be coordinated by the procedures of the Company.

5. Credits to Customer for Actual Interruptions

The credit will consist of two components:

- 1) The Company will credit customers' accounts no later than November 30 of a Program Period a monthly retainer of \$3 per enrolled kW for each of the months of June, July, and August of that Program Period. The monthly retainer may be adjusted up or down based on a customer's actual performance during each of the months after a call(s) for interruption by the Company. In addition to operational calls for curtailment, the Company will conduct tests of the load shed capability of enrolled customers once a month. During tests and calls for curtailment, the customer will be required to curtail an average of at least 50% of the enrolled kW in each month in order to continue to receive the full retainer for the current month. In the event the customer is able to consistently curtail additional kW that is at least 50% above the enrolled kW, the Company may adjust the retainer to reflect the higher kW.
- 2) An additional performance credit will be calculated for each hour of Interruption and will be determined by the following formula:

$$\text{Performance Credit} = \$0.50 \times \text{each hour's Curtailed Load}$$

The Performance Credit will be calculated individually for each hour of each Interruption called by the Company and will appear as a credit on the customer's monthly retail delivery service bill issued by the Company. The Credit will be applied to the customer's account within 90 days of the Interruption. Customer will receive compensation for any committed and performed curtailments in which the Company calls for curtailment due to loading at the Substations. The "*Calculated Reduction*" will be determined by the metering equipment, by comparing Customer's baseline historical load profile to Customer's actual load consumption during the curtailment period. The baseline profile is determined by using the last 5 business days (which excludes holidays and shutdowns) without interruption and then adjusted to the actual usage for the two hours preceding the curtailment. (See example in Appendix B.)

If there is any disagreement regarding the Calculated Reduction, the Company's final determination of how much load reduction from Customer's facility was actually achieved for payments under its Load Curtailment Rules shall control. Customer will receive this load reduction credit within 90 days of the called event.

6. Agreement Term

- (a) This Agreement shall remain in effect from the Effective Date through October 1, 2007, unless terminated by either party with thirty (30) days written notice.
- (b) Any obligation by Company to make payments to Customer for past performance as of the termination date shall survive termination of the Agreement.

7. Notices

All notices and other communications required hereunder shall be made in writing and shall be deemed given as of the time of delivery or, in the case of a telecopied communication as of the time of confirmation, if delivered personally, telecopied (and confirmed), or sent by overnight courier (with proof of delivery) to the parties at the following addresses, or at such other address as a party shall specify by like notice:

If to the Company, to: Director of Distributed Resources
Massachusetts Electric Company
55 Bearfoot Road
Northboro, MA 01532
Phone: 508-421-7510
Fax: 508-421-7010

If to Customer, to: _____

8. Limitation of Liability

IN NO EVENT SHALL COMPANY, ITS AFFILIATES, OR ITS (OR ITS AFFILIATES') OFFICERS, DIRECTORS, EMPLOYEES, AGENTS AND SERVANTS, AND SHAREHOLDERS, BE LIABLE TO CUSTOMER OR TO ANY OTHER PARTY FOR ANY DIRECT, INDIRECT, RELIANCE, MULTIPLE, INCIDENTAL, SPECIAL, CONSEQUENTIAL, OR PUNITIVE DAMAGES (INCLUDING, WITHOUT LIMITATION, DAMAGES UNDER MASSACHUSETTS GENERAL LAWS C. 93A, LOSS OF PROFITS OR REVENUES, DAMAGES OR COSTS INCURRED AS A RESULT OF LOSS OF TIME, LOSS OF SAVINGS, LOSS OF DATA, OR LOSS OF GOODWILL), CONNECTED WITH OR ARISING FROM THIS AGREEMENT, WHETHER OR NOT COMPANY WAS ADVISED OF THE POSSIBILITY OF SUCH DAMAGES, INCLUDING BUT NOT LIMITED TO DAMAGES OR COSTS RESULTING FROM THE USE OF OR INABILITY TO USE THE METERING EQUIPMENT, REGARDLESS OF WHETHER SUCH DAMAGES ARE BASED IN CONTRACT, TORT, WARRANTY, NEGLIGENCE, STRICT LIABILITY, PRODUCT LIABILITY OR OTHERWISE; PROVIDED HOWEVER, NOTHING SHALL LIMIT COMPANY'S OBLIGATION TO PAY FOR DEMAND REDUCTION AS PROVIDED HEREIN. WITHOUT LIMITING THE FOREGOING, IN NO EVENT SHALL COMPANY BE LIABLE TO CUSTOMER OR ANY THIRD PARTY IN CONNECTION WITH THIS AGREEMENT FOR DAMAGES RELATING TO PHYSICAL INJURY OR PROPERTY DAMAGE.

9. Force Majeure

Any delay or failure of either party in the performance of its required obligations hereunder shall be excused if and to the extent caused by fire, flood, unusually severe weather, explosion, riot, war, sabotage, or other similar causes as long as: 1) such events are beyond the party's reasonable efforts to prevent, avoid or mitigate; 2) said party uses every reasonable effort to mitigate; and 3) prompt written notice of such delay or suspension is given by such affected party to the other.

10. Confidentiality

Each party shall protect the Proprietary Information of the other party with the same degree of protection and care it uses to protect its own Proprietary Information of a similar nature and sensitivity, but in no event less than reasonable care.

11. Miscellaneous Provisions

- (a) This Agreement constitutes the entire Agreement between the Parties and supersedes all previous understandings, commitments or representations concerning the subject matter. No amendments or modifications to this Agreement may be made except in writing signed by both parties. If a final decision of a court of competent jurisdiction holds invalid any part or portion of this Agreement, such part or portion shall be modified to the extent strictly necessary (including, if necessary, deletion) to make such part or portion valid and enforceable, and such modified part or portion, together with the balance of the Agreement shall be valid and binding on the parties.
- (b) Company is under no obligation to call upon Customer to reduce its load.
- (c) If any of the provisions of this Agreement are inconsistent with obligations that Customer has under an electric power supply contract with a supplier, Customer has the obligation to notify Company of such inconsistencies.
- (d) Company will credit Customer's electric bill for payments under this Agreement.
- (e) The Agreement Term will consist of program periods covering the period June 1 through September 30.
- (f) This Agreement shall be governed by the laws of the Commonwealth of Massachusetts, without regard to the conflict of laws principles contained therein.

Each Party has had its authorized representative execute this Agreement below.

Customer Name

Massachusetts Electric Company

By: _____
(please sign)

By: _____
(please sign)

By: _____
(please print)

By: _____
(please print)

Title: _____

Title: _____

Date: _____

Date: _____



**Summer Load Relief Program Agreement
APPENDIX A**

Customer Questionnaire

Company Name: _____

Electric Account Number: _____

Facility Address: _____

Facility Phone Number (with A/C): _____

MECO Account Manager: _____

Facility Management

Facility Manager Name: _____

Phone Number: _____

Email address: _____

Who is your primary contact for facility access?

Name: _____

Phone Number: _____

Email Address: _____

Pager Number: _____

Fax Number: _____

Who is your secondary contact?

Name: _____

Phone Number: _____

Email Address: _____

Pager Number: _____

Fax Number: _____

Project Management

In order for the Company to provide effective implementation services and on-going support it is beneficial to have one primary contact within the facility, please provide the necessary contact information.

Project Manager Name: _____
Phone Number: _____
Email Address: _____
Pager Number: _____
Fax Number: _____

In the event of a curtailment opportunity from the Company, who is the primary contact for notification?

Name: _____
Phone Number: _____
Email Address: _____
Pager Number: _____
Cell Phone Number: _____
Fax Number: _____

Who is your secondary contact?

Name: _____
Phone Number: _____
Email Address: _____
Pager Number: _____
Cell Phone Number: _____
Fax Number: _____

Please provide, in rank order with '1' being the most preferred and '2' being second, the method of notification.

Email Other E-mail Addressable Device (Pager, PDA, cell phone, etc.)

Contact Information:
Email Address: _____
Pager Address: _____
Device Address: _____

Interruptible Capacity Questions:

How is the load reduction going to occur at your facility?

- Electric load reduced/cut
- Generation started
- Combination of load reduction and generation

If combination of both, give specifics on how to differentiate between the two:

If a generator is going to be started, please provide the following information:

Fuel Type to be used: Diesel Gasoline Natural Gas
 Other (please provide: _____)

Fuel Characteristics (sulfur content & Btu/lbs LHV/HHV):

How will fuel be measured and recorded?

Type of generation unit – make and model:

Approximate age of the generation unit: _____

Size of the generation unit (Rating capacity): _____ kW

Permit or registration status of generating unit (must include explanation if no environmental permit is required): _____

Emission rates of the generating unit (in Lbs/kWh or Lbs/MMBTU):
(please use either from emissions testing or manufacturer documents if emissions test data not available)

Emissions rate per hour of Nitrogen Oxide (NOX): _____

Emissions rate per hour of Sulfur Dioxide (SO2): _____

Emissions rate per hour of Carbon Dioxide (CO2): _____

Thank you for taking the time to complete this survey so that we have a better understanding of your needs, and can provide better service.

2005 Load Curtailment Program
Appendix B

Sample Baseline and Credit Calculation

Step 1: Obtain hourly load data for Call Day

Step 2: Obtain hourly load data for Similar Previous Day (average of last five business days without interruption)

Step 3: Determine Adjustment Load (AL). $AL = \text{Load on Call Day for two hours prior to call time} - \text{Load on Similar Previous Day for two hours prior to call time}$

Step 4: For each interruption hour, calculate Expected Load (EL). $EL = \text{Load on Similar Previous Day} + AL$

Step 5: For each interruption hour, calculate Load Reduction (LR). $LR = EL - \text{Actual Load}$

MECO LR Program Example Calculations

Time	2 Hrs Prior	1 hr prior	Start Time			End Time
Sample times	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM
Load on Similar Previous Day	425	425	460	460	470	470
Adjustment Load (AL)			25	25	25	25
Expected Load (EL)			485	485	495	495
Actual Load on Call Day	450	450	460	400	360	350
Actual Load Reduction (LR)				85	135	145
Credit earned (\$500 per MWh)				\$42.50	\$67.50	\$72.50
Total Performance Credit						\$182.50
Enrolled kW	100					
Retainer Credit (\$3 / kW / Month)	\$300.00					
Total Credits earned	\$482.50					

ISO-NE Price Response Program Example Calculations

Time	2 Hrs Prior	1 hr prior	Start Time			End Time
Sample times	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM
Assumed Energy Clearing Prices at ISO-NE (\$/MWH)				\$150.00	\$400.00	\$200.00
Load on Similar Previous Day	425	425	460	460	470	470
Adjustment Load (AL)			25	25	25	25
Expected Load (EL)			485	485	495	495
Actual Load on Call Day	450	450	460	400	360	350
Actual Load Reduction (LR)				85	135	145
Credit earned for Hour 1				\$10.84		
Credit earned for Hour 2					\$45.90	
Credit earned for Hour 3						\$24.65
Total ISO-NE Credit						\$81.39
Total Credits if ISO-NE and MECo call at same time	\$563.89					

All loads are in kW.