



**Distribution Load Relief Program Manual
April 2009**

CON EDISON DISTRIBUTION LOAD RELIEF PROGRAM

PAGE LEFT BLANK INTENTIONALLY

TABLE OF CONTENTS

PROGRAM OVERVIEW	4
ELIGIBILITY REQUIREMENTS	4
APPLICATION	5
APPLICATION TEMPLATE	5
METERING.....	6
METERING UPGRADE COST FOR DEMAND RESPONSE PROGRAMS	6
PARTICIPATION AND PAYMENTS.....	7
SUMMER RESERVATION PAYMENTS	7
VERIFICATION METHODOLOGY	7
ENERGY PAYMENTS FOR LOAD RELIEF	7
SUMMER RESERVATION PAYMENTS BONUS PAYMENTS	8
VOLUNTARY	8
VERIFICATION METHODOLOGY	8
ENERGY PAYMENTS FOR LOAD RELIEF	8
EVENTS AND EVENT NOTIFICATION	8
TEST EVENTS AND OUTCOMES	8
DEMAND RESPONSE CONTACT INFORMATION	9
GLOSSARY OF TERMS.....	10

CON EDISON DISTRIBUTION LOAD RELIEF PROGRAM

PROGRAM OVERVIEW

Con Edison's Distribution Load Relief Program (DLRP) is for customers who agree to temporarily reduce their electricity usage to help maintain reliable service on Con Edison's power delivery system. As a benefit for their participation, customers receive financial incentives and free technology to help manage their energy use.

There are two ways to participate in DLRP: Summer Reservation Payments (previously called Mandatory) or Voluntary Load Relief (Voluntary). Customers who guarantee load reduction and/or load delivery can participate in the Summer Reservation Payments and will receive monthly payments for their commitment in addition to payment for energy reductions during a power curtailment event. Customers who participate in Voluntary will receive payments for the energy reductions made during an event.

Con Edison's DLRP can be activated at any time during the year. Summer Reservation Payments are only available during the summer capability period May 1st to October 31st. Participation in Voluntary is available through out the year. The maximum amount of committed demand reduction for the Summer Reservation Payments is 400 MW. Additional applications will be put on a wait list.

When it becomes necessary for Con Edison to reduce energy use in a distribution network or load area, there are many ways customers participating in the program can respond. For example, participants can turn off unnecessary lighting, appliances, and other equipment, raise the temperature of central air-conditioning systems, or use emergency generation that complies with city, county, state, and federal regulations. Information about emergency generation is available from the [New York State Department of Environmental Conservation](#).

DLRP is governed by the New York State Public Service Commission (NYSPSC) [Rider U Tariff](#).

ELIGIBILITY REQUIREMENTS

Con Edison electric customers that can reduce their electricity consumption and/or supply delivery by at least 50 kilowatts (kW) are eligible to participate in DLRP. Customers, who cannot meet the minimum demand reduction, can apply through a registered Demand Response Service Provider (aggregator) who must combine load and/or supply delivery of at least 100 kW in a portfolio are eligible to participate.

A list of registered aggregators is available from the [New York Independent System Operator \(NYISO\)](#).

CON EDISON DISTRIBUTION LOAD RELIEF PROGRAM

APPLICATION

Potential DLRP participants can complete the [application online](#) or use the [application form](#) and send completed application(s) for both the Summer Reservation Payments and Voluntary to dr@coned.com. Potential DLRP participants for Voluntary may continue to apply after the Summer Capability Period.

APPLICATION DEADLINE FOR SUMMER	ENROLLMENT MONTH
April 22 nd by 5:00 pm EDT	May 2009
May 15 th by 5:00 pm EDT	June 2009
June 15 th by 5:00 pm EDT	July 2009

Applicants will be notified of their status by the first of the enrollment month. Approved participants will receive an e-mail that includes:

- Customer Name
- Customer Network
- Enrollment month (month the customer is approved to begin DLRP participation)

For information about the Customer Base Load (CBL) waiver available only to 2008 participants who continue to participate in 2009, and do not have a Con Edison billing interval meter (BIM), please contact us at dr@coned.com.

APPLICATION TEMPLATE

An application for each customer must be completed. The 2009 application template for aggregators and customers who have multiple accounts to enroll is slightly different from 2008 as per enhancements to the Rider U Tariff. Aggregators must complete one application for each customer in their portfolio. Applications must include additional generator information such as *name plate rated size, manufacturer, date of manufacture and the unit serial number*, in addition to copies of the generator air emissions permit or permit application. Customers who plan to utilize generation in DLRP and submit an incomplete application will not be accepted. To request the application template, send an email to dr@coned.com.

CON EDISON DISTRIBUTION LOAD RELIEF PROGRAM

METERING

DLRP participants must have a BIM for each account application with an appropriate communication line for each meter (telephone line, mobile phone line, etc.). A BIM measures and records electrical usage in intervals of 5, 15, 30 and 60 minutes. The data is used to verify load reduction and calculate appropriate payment. Con Edison will install a BIM for customers who do not yet have one and that are applying to participate in DLRP. To obtain a price quote and arrange for installation, complete and return the [Metering Upgrade Application](#) to NataleP@coned.com and dr@coned.com. For assistance with the BIM application call the Con Edison meter shop at 1-718-361-5991, 1-718-361-6952, or 1-718-361-6322.

Incentives are available to cover part or all of the cost of the BIM installations through the New York State Energy Research and Development Authority (NYSERDA). For more information, visit [NYSERDA](#) or call 1-518-862-1090.

Con Edison will permit participation in the 2009 Summer Reservation Payments by a participant whose interval metering was not installed by Con Edison, under the following conditions:

1. Enrolled in the NYISO's Special Case Resources Program ("SCR") and participation in the 2009 Summer Reservation Payments does not exceed the kW amount enrolled in the NYISO SCR Program.
 - a. Report to Con Edison the results of any audit or verification conducted by the NYISO under the SCR Program within ten days of such audit or verification.
2. Participated in the 2008 Summer Reservation Payments (previously called Mandatory) and does not have a BIM used by Con Edison for monthly billing at the time of application for the 2009 Summer Reservation Payments.
3. Participant does not have electric generating equipment on the premises.
4. The meter used to provide load reduction records the participant's entire requirements served by Con Edison.

METERING UPGRADE COST FOR DEMAND RESPONSE PROGRAMS

Meter Functionality Requested*	Estimated Price**
Interval Metering without pulse output	\$1,157.84
Interval Metering with pulse output	\$1,278.73

Appropriate telephone line(s) are required and should be within two feet of the BIM. For more information on costs refer to the [Metering Upgrade Application](#).

* Meter functionality as requested by the customer.

** This is an estimated price. Actual costs will be determined after a consultation is completed.

CON EDISON DISTRIBUTION LOAD RELIEF PROGRAM

PARTICIPATION AND PAYMENTS

SUMMER RESERVATION PAYMENTS

Summer Reservation Payments will be based on a tier system.

- Tier I capacity payments are \$3 per kW-month for six load events of four hours each in a designated network.
- Tier II capacity payments are \$6 per kW-month for six events of four in a designated network.

Reservation payments will be paid monthly for pledged amount based on CBL methodology as defined by the [NYISO Emergency Demand Response Program \(EDRP\) Manual](#).

A performance factor will be applied after the test or event. From that month onward, the customer or aggregator will receive their reservation payment based on the performance factor in the month of the test or event until the month prior to the next test or event.

VERIFICATION METHODOLOGY

Performance will be measured using the selected CBL methodology to assess both energy (kWh) and demand (kW) reductions. Demand reductions of an aggregator will be measured on a portfolio basis by network using a single CBL methodology for all of its customers subject to the CBL Verification Methodology.

The Average Peak Monthly Demand (APMD) methodology will only be used to assess demand (kW) reductions during the 2009 Summer Reservation Payments if Con Edison does not bill the participant monthly using interval metering. For such participants, the CBL methodology will only be used to assess energy (kWh) reductions. Demand (kW) reductions of a demand response provider (aggregator) will be measured on a portfolio basis by network using the APMD methodology for all of its customers subject to that verification methodology.

A customer or aggregator, for each of its customers, may not change its CBL methodology during a summer capability period.

ENERGY PAYMENTS FOR LOAD RELIEF

Energy payments equal to the greater of \$.50 for each kWh curtailed, or the real-time zonal locational-based marginal price less the retail rate for an event, but no less than \$.50 per kWh. Energy payments will be paid quarterly for energy reduction during power-reduction events, and will be based on CBL methodology as defined by the [NYISO EDRP Manual](#).

Derating will be assessed if pledged amounts are not met during power-reduction events for a minimum of four hours, based on [Rider U Tariff](#).

CON EDISON DISTRIBUTION LOAD RELIEF PROGRAM

SUMMER RESERVATION PAYMENTS BONUS PAYMENTS

Con Edison will pay an incentive in addition to the monthly Reservation Payment if a participant or aggregator responds to more than six load relief periods in a specific network during the summer capability period and/or responds for more than four consecutive hours to a load relief period in any summer capability month. Refer to [Rider U Tariff](#) for more information on bonus payments.

VOLUNTARY

Voluntary is open throughout the year. The monthly reservation payment is not applicable. There is no penalty assessed if load reduction commitment is not met.

VERIFICATION METHODOLOGY

CBL is the verification methodology for Voluntary. Customers and aggregators will be assumed to have selected the average-day CBL methodology unless the weather-adjusted CBL was previously elected in writing. A customer or aggregator may not change its CBL methodology after the onset of the capability period.

ENERGY PAYMENTS FOR LOAD RELIEF

Energy payments equal to the greater of \$.50 for each kWh curtailed, or the real-time zonal locational-based marginal price less the retail rate for an event, but no less than \$.50 per kWh. Energy payments will be paid quarterly for energy reduction during power-reduction events, and will be based on CBL methodology as defined by the [NYISO EDRP Manual](#).

For more information on energy payments for load relief refer to [Rider U Tariff](#).

EVENTS AND EVENT NOTIFICATION

Con Edison will activate a DLRP event to ensure reliability of its power-delivery systems. Refer to [Rider U Tariff](#) for complete information. DLRP participants will be notified of an event or test via an e-mail and by telephone.

TEST EVENTS AND OUTCOMES

Tests will be conducted at the discretion of Con Edison in a network where an event has not been called once per capability period. Con Edison may test a new customer or customers who increase their level of participation in the program. The customer or aggregator can increase their participation once during the capability period.

A performance factor will be applied after the test or event. The customer or aggregator will receive the reservation payment based on the performance factor in the month of the test or event until the month prior to the next test or event.

CON EDISON DISTRIBUTION LOAD RELIEF PROGRAM

DEMAND RESPONSE CONTACT INFORMATION

For more information on Con Edison's DLRP, visit www.coned.com/dr, e-mail dr@coned.com or call 1-800-643-1289.

For information on Demand Response Programs, visit the [NYISO](http://nyiso.com).

CON EDISON DISTRIBUTION LOAD RELIEF PROGRAM

GLOSSARY OF TERMS*

APMD: Average Peak Monthly Demand as calculated under the New York Independent System Operator (NYISO) Average Peak Monthly Demand methodology. The APMD methodology is one of the Verification Methodologies used by Con Edison to assess demand (kW) reductions under the Summer Reservation Payments.

Aggregator/s: A party other than Con Edison that aggregates the load of customers who collectively have a load reduction potential of 100 kW or greater and is responsible for the actions of the customers it represents, including performance and, as applicable, performance adjustments and repayments to Con Edison.

Capability Period: Refers either to the Summer Capability Period (May 1 through October 31) or the Winter Capability Period (November 1 through April 30).

CBL: Customer baseline load as calculated under the NYISO Customer Baseline Load methodology, using either the average-day CBL or the weather-sensitive adjustment option (the “weather adjusted CBL”). The CBL methodology is the verification methodology used by Con Edison to assess energy reductions (kWh). It is also the verification methodology used by Con Edison to assess demand (kW) reductions under the Summer Reservation Payments unless interval metering requirements are waived pursuant to paragraph (E) (2) of [Rider U](#).

Electric Generating Equipment: Refers to electric generating equipment that is served under Service Classification No. 14-RA of the Retail Access Rate Schedule or Rider R and used to provide load reduction or load delivery under this rider; emergency electric generating equipment that is interconnected and operated in compliance with General Rule III-13(E) and used to provide load reduction under this rider; or electric generating equipment that is interconnected and operated in compliance with General Rule III-13(F) and used to provide load delivery under [Rider U](#).

Load Delivery: The power (kW) and energy (kWh) produced by use of electric generating equipment and delivered to Con Edison’s distribution system during a load relief period. Load reduction means power (kW) and energy (kWh) ordinarily supplied by Con Edison that is displaced by use of electric generating equipment and/or reduced by the customer or aggregator during a load relief period.

Load Relief: Refers to limiting demand on Con Edison’s power delivery system through load reduction or delivering demand to Con Edison’s system through load delivery, as specified in the customer or aggregator’s contract with Con Edison and for the time period directed by Con Edison.

Performance Factor: The ratio of the lowest kW actually reduced or delivered in any hour to the kW of contracted load relief.

Glossary of Terms (Continued)

Verification Methodology: The methodology used by Con Edison to verify the contracted load reduction and/or load delivery (kW and kWh) for each hour of each designated load relief period under either the Voluntary or the Summer Reservation Payments, as applicable, as well as the methodology used by Con Edison to verify the entire contracted load reduction and/or load delivery (kW and kWh) during a test under the Summer Reservation Payments.

*Glossary of terms source [Rider U.](#)