
new . york . independent . system . operator



NYISO

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Emergency Demand Response Program
Manual

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What's New for 2004?

A number of changes to the EDRP program have been approved by the NYISO Market Participants:

1. Allow Distributed Generation to receive energy payments for output in excess of the host facility's load.
2. Eliminate requirement that CSPs obtain DEC permits for Distributed Generation resources.
3. Amend certain deadlines by which the NYISO will notify LSEs of customer registrations in the EDRP program, as well as deadlines by which program participants will be deemed registered in the absence of specific action by the NYISO

Additional changes for 2004 can be found in the following sections of the manual:

Section	Topic
3.3 (2)	Footnote removes host load size restriction on DG resources.
3.5	Removed host load size restriction on DG resources.
4.1.3	Remove 2 day notification requirement for LSE.
4.1.4	Change deemed approved time limit from 14 to 30 days
4.3.5	Remove 2 day notification requirement for LSE.
4.3.6	Change deemed approved time limit from 14 to 30 days
4.4.5	Remove 2 day notification requirement for LSE.
4.4.6	Change deemed approved time limit from 14 to 30 days
5.2.1	Clarify that CSP, not NYISO, is responsible for 200 hour per year DG operating limit. Remove requirement that DG units be permitted by DEC.

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Deleted: <#>Extend the EDRP program through October 31, 2005. Consistent with past practice, the PRL working group will continue to monitor and evaluate the operation of the EDRP program and will propose changes should they be necessary. A report on program performance, including impact in both the day-ahead and real time markets and the effect of program changes on customer participation and satisfaction, will be prepared and presented to the Business Issues Committee annually in November for the duration of the program. Program operation and participant performance are subject to review by the NYISO's Market Monitoring Unit. ¶

<#>Separate operational calls of SCR from EDRP. SCR would be the first resources selected. If more than the total capability of SCR is projected ... [1]

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SCR ¶ ... [2]

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Load Curtailment (or Reduction) - A reduction in energy usage at a retail end user's facility that is the result of the retail end user either reducing the energy consumed or operating an on-site generator.

Load Serving Entity (LSE) – Any entity, including a municipal electric system and an electric cooperative, authorized or required by law, regulatory authorization or requirement, agreement, or contractual obligation to supply Energy, Capacity and/or Ancillary Services to retail end users located within the NYCA, including NYISO Direct Customers.

Local Generator - A generator operated by or on behalf of loads offering load reductions pursuant to the Emergency Demand Response Program. Such generators are not synchronized to a utility's local distribution system or, if synchronized to the local distribution system, must certify to the NYISO that they have obtained all necessary regulatory approvals to sell energy at wholesale and meet applicable utility parallel interconnection requirements. On-site generators that are base-loaded do not qualify for the EDRP.

Locational Based Marginal Price (LBMP) - The price of energy bought or sold in the LBMP Markets at a specific location or zone.

Meter Service Provider (MSP) - An entity that provides meter services, consisting of the installation, maintenance, testing and removal of meters and related equipment.

Meter Data Service Provider (MDSP) – An entity providing meter data services, consisting of meter reading, meter data translation and customer association, validation, editing and estimation.

New York Independent System Operator (NYISO) - Not for profit organization created to supply New York's electric power needs and to facilitate the power market equitably.

NYCA –The Control Area that is under the control of the NYISO which includes transmission facilities listed in the ISO/TO Agreement Appendices A-1 and A-2, as amended from time-to-time, and Generation located outside the NYS Power System that is subject to protocols which allow the ISO and other Control Area operator(s) to treat some or all of that Generation as though it were part of the NYS Power System.

NYISO Customer – An entity which has complied with the requirements contained in the ISO Services Tariff, including having signed a Service Agreement, and is qualified to utilize the Market Services and the Control Area Services provided by the NYISO under the ISO Services Tariff; provided, however, that a party taking services under the Tariff pursuant to an unsigned Service Agreement filed with the Commission by the NYISO shall be deemed a Customer.

NYISO Direct Customer – An entity, which takes or provides service directly from or to the NYISO, and is responsible for bidding, scheduling, and billing functions for their facilities.

NYISO Limited Customer – An entity that joins the NYISO to participate in the EDRP; registration requirements are the same as for a NYISO Customer except that a Limited Customer:

- Is not required to satisfy the financial assurance obligations imposed on Customers,
- Their status as a Limited Customer expires at the end of the EDRP program, and
- Voting privileges are waived with respect to the governance process.

All NYISO Customers meeting the eligibility criteria set forth in Section 3 qualify as Limited Customers, and may participate in the EDRP subject to the registration procedures defined in Section 4.

NYISO Services Tariff – The document that sets forth the provisions applicable to the services provided by the ISO related to its administration of competitive markets for the sale and purchase of Energy and Capacity and for the payments to Suppliers who provide Ancillary Services to the ISO in the ISO Administered Markets and provision of Control Area Services, including services related to ensuring the reliable operation of the NYS Power System.

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3.0 Eligibility Criteria / Participant Qualification

3.1 Effective Period of the Program

The program begins on May 1, 2001, and will continue through October 31, 2005. At the end of each Capability Period (May-October and November-April), program performance will be evaluated to see if any rules and procedures need to be modified.

Entities wishing to participate may apply for entry into the program at any time.

3.2 Who Can Participate?

The EDRP allows wholesale electricity market participants to subscribe retail end users able to provide Load Reduction (Demand Side Resources) when called upon during emergency conditions. Wholesale market participants are grouped into four broad classes of *Curtailment Service Providers* (CSPs):

- *Load-Serving Entities* (LSEs) as defined in [2] that currently serve retail end users capable of load reduction, or an LSE that subscribes another LSE's load solely for the purpose of participating in the NYISO EDRP. LSEs may claim load reductions from their retail end users or the retail end users of another LSE. Load curtailment programs currently in place or under implementation may directly qualify for the EDRP (see 3.4 Restrictions below).
- *Direct Customers* of the NYISO as defined in [2] may claim their own load reductions.
- NYISO-approved *Curtailment Customer Aggregators* (Aggregators) of retail end users capable of load reduction. Aggregators may claim load reductions from Demand Side Resources with which they have a contractual arrangement. An Aggregator is required to join the NYISO as a NYISO Limited Customer.
- NYISO-approved *Curtailment Program End Use Customers* (EUC), end-use customers whose load is normally served by an LSE but who wish to participate directly with the NYISO solely for purposes of the EDRP. EUCs must be capable of reducing at least 100 kW of load. An EUC is required to join the NYISO as a NYISO Limited Customer.

Participation in the EDRP is voluntary; no penalties are imposed upon CSPs or Demand Side Resources for not responding to load reduction requests.

3.3 Minimum Qualifications for CSPs

To serve as a CSP, you must:

- 1) Be a NYISO Customer (in the case of LSEs and Direct Customers) or a NYISO Limited Customer (in the case of Aggregators and EUCs) of the NYISO and be able to pledge Load Reduction in the NYCA.
- 2) Be able to completely disconnect from the local distribution system and supply required load via local generators¹ or to reduce a measurable and verifiable portion of the load.
- 3) Be capable of reducing at least 100 kW of load per Zone.
- 4) Be capable of responding within two hours of notice from the NYISO.
- 5) Follow the registration procedures defined in Section 4 of this manual.

¹ These generators either can be non-synchronized to the grid or synchronized to the grid.

- 6) CSPs are required to provide hourly interval metering data to validate performance; specific metering requirements are given in Section 6 of this manual.

3.4 Restrictions

An individual Demand Side Resource can subscribe to either EDRP or the ICAP SCR program, but not both. SCRs that have registered with the NYISO but not sold their capacity will be added to the list of EDRP participants for that period of time when their capacity is unsold, and will be called with EDRP participants if an EDRP event is activated.

To participate in the program, an individual Demand Side Resource cannot subscribe the same metered load with more than one CSP.

Retail end users under a contract that prevents them from curtailing energy are prohibited from participating in the program. The NYISO will consult with the appropriate LSE and Electric Distribution Company to verify that the load to be reduced is not under any other specific contractual obligation that would prevent participation in the EDRP.

3.5 Requirements for Curtailment Customers With Local Generation

Owners of on-site and emergency generators including, but not limited to hospitals, data centers, office buildings, warehouses and industrial locations are eligible to participate in the EDRP. Local Generation will serve all or part of what otherwise would be NYISO load (i.e., the retail end user's specific load delivered from their LSE), thereby reducing the total NYISO load during declared emergencies. The requirements for participation are as follows:

- 1) Be capable of responding within 2 hours of a request to reduce load.
- 2) Must have an integrated hourly or permanent recording meter as described in Section 6.1, Metering Requirements.
- 3) Be capable of receiving notification from a Curtailment Service Provider (CSP).
- 4) Demand Side Resources that will use on-site generators to reduce load and that have Load Banks for testing purposes must ensure that the Load Bank is not operating during the hours required by the EDRP.

Nothing in the EDRP expands or reduces the rights or obligations a Local Generator may have to buy or sell energy into the wholesale market.

3.6 Compatibility with ICAP Special Case Resources

The EDRP pays for energy during times of emergency, but does not pay for capacity. The NYISO has a separate program called Special Case Resources (SCR) within the Installed Capacity (ICAP) market that pays for capacity and energy. SCR is available to generators and load reduction providers that meet testing, metering and other requirements. While there are no penalties for non-performance as an EDRP provider, the SCR program will reduce future capacity payments if the NYISO calls for operation and the SCR does not perform. In the event that the NYISO activates SCR to reduce their consumption of energy in accordance with the criteria set forth in Section 5, the NYISO may activate the EDRP. SCRs that have registered with the NYISO but not sold their capacity will be added to the list of EDRP participants for that period of time when their capacity is unsold, and will be called with EDRP participants if an EDRP event is activated. See the ICAP Manual located at www.nyiso.com/markets/icapinfo.html for more details on SCR.

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3.7 Compatibility with LSE-Sponsored Curtailment Programs

There are curtailment programs in New York State both currently in place and under development that are designed to help the local utility with distribution load management. Each program is aimed at enhancing the reliability of the local electric system during time of high usage or outages. The EDRP is designed to be compatible with these programs.

Demand Side Resources may participate in both the EDRP and the Day-Ahead Demand Reduction Program (DADRP) offered by the NYISO. If an EDRP event is called and a Demand Side Resource is participating in both programs, payments will be made as follows:

- 1) If the Demand Side Resource has not had a demand reduction bid accepted in the Day-Ahead Market for the day of the EDRP event, demand reduction provided as a result of the EDRP event call will be paid in accordance with the rules set forth in this manual.
- 2) If the Demand Side Resource is responding to the schedule determined from the bid accepted in the Day-Ahead Market, payments will be made in accordance with the DADRP rules up to the demand reduction scheduled in the Day-Ahead Market. Additional verified demand reduction above that scheduled in the Day-Ahead Market will be paid in accordance with the rules set forth in this manual.

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3.8 Small Customer Aggregation

1. Aggregations must be at least 0.5 MW for EDRP. The NYISO will establish an up-front means of certifying that the aggregation has an expectation of meeting this requirement. This will be established as part of the approval of the verification methodology; the sampling plan or other measurement methodology will assign an initial (a priori deemed) estimate of the response per site in order to drive the sample size. The aggregation can be comprised of two or more different sampling methods, provided that such a super aggregation was allowed by the NYISO. The MW limit can also be met by combining participants enrolled by different brokers (CSP or LSE) provided that the brokers agree to submit all participants under a single program entity.

2. Aggregations receive an initial settlement of 75% of the deemed response. For any event that results in payments to participants of an aggregation, the NYISO will pay out 75% of the amount determined by applying the curtailment payment rates to the a priori deemed performance level as defined in (1) above in the normal course of settlements for PRL program participants. At the end of the contract term under which the aggregation was approved, and after all required analyses have been conducted, the NYISO will perform a final settlement assessment and pay out or demand payment of the amount determined by that settlement assessment process.

3. Aggregators must accept full responsibility for payments to and penalties levied against the members of the aggregation. The NYISO will require that each member of the aggregation execute an agreement to participate indicating that it accepts the provisions of the ISO program and authorizes the LSE/CSP to act as its broker for the purposes of participation

4. Proposals for measuring aggregation performance can involve one of several methods:

- a. The deployment of approved whole-premise kW metering devices on a sample of participants
- b. The deployment of approved end-use device or process kW metering devices on a sample of participants that elect to limit PRL program participation to specified end-use devices or processes.
- c. Provision for supplying verifiable behavioral actions, equipment operating logs, or other data that is deemed to be sufficiently indicate the load level the customer otherwise would have consumed, but for the PRL program event participation
- d. Other measurement systems that indicate the load level the customer otherwise would have consumed, but for the PRL program event participation

4.0 CSP Registration Procedures

To qualify as a Curtailment Service Provider (CSP) you must be an LSE, Direct Customer, Curtailment Customer Aggregator or Curtailment Program End Use Customer. The registration form is posted on the NYISO web site (www.nyiso.com) and included in Attachment A to this manual. The general requirements for each CSP class are as follows:

4.1 Load Serving Entities (LSE)

For LSE's that are enrolling a retail end user whose load is served by the LSE:

1. Complete Attachment A of this manual. An electronic version of Attachment A is available on the NYISO website at:
http://www.nyiso.com/services/documents/groups/bic_price_responsive_wg/demand_response/edrp_att_a2003.doc

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2. Register each Demand Side Resource with the NYISO after signing a contract using the EDRP Certification form provided in Attachment B of this manual. Any information on the identity of a Demand Side Resource that is provided to the NYISO will be treated as confidential, and will not be disclosed to third parties without the express permission of the end-use customer, unless aggregated or otherwise presented in such a way as to preserve confidentiality. An electronic version of Attachment B is available on the NYISO website at:
http://www.nyiso.com/services/documents/groups/bic_price_responsive_wg/demand_response/edrp_att_b2004.doc

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3. By submitting the EDRP Certification Form, the LSE confirms that the load to be reduced is not under any specific contractual obligation that would prevent participation in the EDRP.

4. The EDRP participant registration is deemed approved 30 calendar days after LSE submission of Attachment B for each retail end user unless the NYISO contacts the LSE via phone or e-mail to the contrary.

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For LSE's that are enrolling a retail end user whose load is served by a different LSE:

1. Complete Attachment A of this manual.

2. Register each Demand Side Resource with the NYISO after signing a contract using the EDRP Certification form provided in Attachment B of this manual. Any information on the identity of a Demand Side Resource that is provided to the NYISO will be treated as confidential, and will not be disclosed to third parties without the express permission of the end-use customer, unless aggregated or otherwise presented in such a way as to preserve confidentiality.

3. After receipt of the EDRP Certification Form, the NYISO will forward the registration to the appropriate LSE and Electric Distribution Company to confirm that the load to be reduced is not under any specific contractual obligation that would prevent participation in the EDRP.

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4. The EDRP participant registration is deemed approved in 30 calendar days after notification is provided to the LSE unless the NYISO contacts the LSE via phone or e-mail to the contrary.

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4.2 Direct Customers

Direct Customers of the NYISO should fill out Attachment A and one copy of Attachment B. An electronic version of Attachment A is available on the NYISO website at:
http://www.nyiso.com/services/documents/groups/bic_price_responsive_wg/demand_response/edrp_att_a2003.doc

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[An electronic version of Attachment B is available on the NYISO website at: http://www.nyiso.com/services/documents/groups/bic_price_responsive_wg/demand_response/edrp_att_b2004.doc](http://www.nyiso.com/services/documents/groups/bic_price_responsive_wg/demand_response/edrp_att_b2004.doc)

4.3 Curtailment Customer Aggregators

5. Curtailment Customer Aggregators are companies that work with owners of generation and load reduction to make it easier to participate in the NYISO Emergency Demand Response program. To register as a Curtailment Customer Aggregator, you must become at least a NYISO Limited Customer. If you are applying for NYISO Limited Customer status as a Curtailment Customer Aggregator and will only be a seller to the NYISO:

1. Complete Attachment A of this manual. [An electronic version of Attachment A is available on the NYISO website at: http://www.nyiso.com/services/documents/groups/bic_price_responsive_wg/demand_response/edrp_att_a2003.doc](http://www.nyiso.com/services/documents/groups/bic_price_responsive_wg/demand_response/edrp_att_a2003.doc)
2. Complete Sections A, B, F, G, H, J and K of the NYISO Registration Packet, available at the NYISO website
3. Sign the Market Services Tariff.
4. Register each Demand Side Resource with the NYISO after signing a contract using the EDRP Certification form provided in Attachment B of this manual. Any information on the identity of a Demand Side Resource that is provided to the NYISO will be treated as confidential, and will not be disclosed to third parties without the express permission of the end-use customer, unless aggregated or otherwise presented in such a way as to preserve confidentiality. [An electronic version of Attachment B is available on the NYISO website at: http://www.nyiso.com/services/documents/groups/bic_price_responsive_wg/demand_response/edrp_att_b2004.doc](http://www.nyiso.com/services/documents/groups/bic_price_responsive_wg/demand_response/edrp_att_b2004.doc)
5. After receipt of the EDRP Certification Form, the NYISO will forward the registration to the appropriate LSE and Electric Distribution Company to confirm that the load to be reduced is not under any specific contractual obligation that would prevent participation in the EDRP.
6. The EDRP participant registration is deemed approved in 30 calendar days after notification is provided to the LSE unless the NYISO contacts the Curtailment Customer Aggregator via phone or e-mail to the contrary.

The application process can take up to 30 days.

4.4 Curtailment Program End Use Customer (EUC)

An EUC is any Local Generation owner or retail end user capable of interrupting load that can reduce at least 100kW in a zone and wants to participate in the EDRP directly with the NYISO. If you are applying for NYISO Limited Customer status as an EUC and will only be a seller to the NYISO:

1. Complete Attachment A of this manual. [An electronic version of Attachment A is available on the NYISO website at: http://www.nyiso.com/services/documents/groups/bic_price_responsive_wg/demand_response/edrp_att_a2003.doc](http://www.nyiso.com/services/documents/groups/bic_price_responsive_wg/demand_response/edrp_att_a2003.doc)

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2. Complete Sections A, B, F, G, H, J and K of the NYISO Registration Packet, available at the NYISO website
3. Sign the Market Services Tariff.
4. Register each Demand Side Resource with the NYISO after signing a contract using the EDRP Certification form provided in Attachment B of this manual. An electronic version of Attachment B is available on the NYISO website at: http://www.nyiso.com/services/documents/groups/bic_price_responsive_wg/demand_response/edrp_att_b2004.doc
5. After receipt of the EDRP Certification Form, the NYISO will forward the registration to the appropriate LSE and Electric Distribution Company to confirm that the load to be reduced is not under any specific contractual obligation that would prevent participation in the EDRP.
6. The EDRP participant registration is deemed approved in 30 calendar days after notification is provided to the LSE unless the NYISO contacts the EUC via phone or e-mail to the contrary.

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The application process can take up to 30 days.

5.0 Operating Mechanism / Implementation

5.1 When Will the Program be Called?

The EDRP is limited to when called by the NYISO as a part of the In-day Peak Hour Forecast response to an Operating Reserve Peak Forecast Shortage as defined in [3]. The EDRP may be called in conjunction with Special Case Resources.

The NYISO will invoke the EDRP as one of its emergency procedures in conjunction with the In-day Peak Hour Forecast response to an Operating Reserve Peak Forecast Shortage, as defined in [3], or in response to the Major Emergency state as defined in [4]. Day-ahead notice of a potential operating reserve shortage shall be provided to CSPs when possible. The program is intended to support the New York State power system during emergency periods and the NYISO reserves the right to use its discretion in calling upon EDRP resources to relieve system or zonal emergencies.

The NYISO will declare an Alert State, or Major Emergency for real-time shortage of Operating Reserve, and activate all available in-state generating resources to re-establish the Operating Reserve. If required levels of real-time Operating Reserves cannot be re-established, the NYISO will utilize the EDRP to re-establish real-time Operating Reserves.

5.2 NYISO Protocol for Local Generator Participation

This section describes the circumstances under which state agencies, state authorities, regulated utilities, and non-regulated CSPs may contract with customers who agree to reduce demand on the electricity grid by offloading all or a portion of their own power needs through the operation of emergency generators.

This protocol was agreed upon by the New York Public Service Commission (PSC), New York Department of Environmental Conservation (DEC), New York Energy Research and Development Agency (NYSERDA), New York Power Authority (NYPA), Long Island Power Authority (LIPA), and the NYISO.

The terms and conditions contained in this protocol are intended to be incorporated into utility demand reduction programs regulated by the PSC and are to be made preconditions to participation in the Emergency Demand Response Program (EDRP) by the NYISO.

5.2.1 Program Limitations

Self-generation customers participating in the program will be activated only by the NYISO emergency demand response program, or the transmission owner (TO) in the event of a localized distribution emergency.

Self generation operated in response to either an EDRP or a TO call shall be limited to no more than 200 hours annually. Program participants, not the NYISO, are responsible for ensuring compliance with the 200 hour maximum operation requirement and will report to the NYISO all instances in which self generation is activated in response to a TO call and the duration of such activations.

Wherever supplies are available for delivery, program participants utilizing diesel fueled emergency generators will use ultra-low sulfur diesel fuel in generators that will be activated in response to a call, as well as for testing purposes. Program participants, not the NYISO, are responsible for ensuring compliance with the ultra-low sulfur fuel requirement. This fuel requirement applies to all tank fills made during the calendar year in which the customer has contracted to participate in the program. NYSERDA will make the determination as to when supplies are available for purposes of this guideline.

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Table 6.1 illustrates examples of Initial Compliance and Final Compliance for an event starting at noon and lasting for five hours.

Table 6.1 - Examples of Performance during an EDRP Event

		NYISO EDRP Event								
		10 - 11AM	11- 12 AM	12 - 1 PM	1 - 2 PM	2 - 3 PM	3 - 4 PM	4 -5 PM	5 - 6 PM	6 -7 PM
Customer 1										
BL	125	125	125	125	150	150	150	150	150	125
AL	130	120	110	100	100	125	150	160	140	
Performance		5	15	25	50	25	0			
			IC	P	P	FC				
Compliance Period										
Customer 2										
BL	200	200	250	250	250	200	200	200	200	200
AL	200	200	250	225	200	175	175	175	175	200
Performance			0	25	50	25	25	25	25	
				IC	P	P	FC			
Compliance Period										
Customer 3										
BL	300	300	350	350	350	300	300	300	300	300
AL	300	300	350	325	325	325	275	275	275	300
Performance			0	25	25	0	25	25	25	
				IC	P	P	FC			
Compliance Period										
Legend	BL = Baseline			IC = Initial Compliance					P = Performance	
	AL = Actual Load			FC = Final Compliance						

6.4 Settlement Procedures

CSPs shall provide verification of load reduced within 45 days of the emergency by providing interval billing meter data to the NYISO. Verification of load reduction not received by the NYISO within 45 days of the emergency may not be compensated pursuant to this program. All load reduction is subject to NYISO audit, and market monitoring unit review. The NYISO will be responsible for settlement payment.

6.4.1 Data Submission

A CSP will submit the response(s) of the Demand Side Resource(s) that participated in the emergency event to the NYISO within 45 days of the event being called. Failure to so provide such data will result in a CSP not receiving payment for its participation in the EDRP. The ISO maintains the ability to subsequently review the data through the Market Monitoring Unit.

Deleted: In cases where the CSP is not the Meter Data Service Provider (MDSP), upon receipt of the data by the NYISO, the NYISO will immediately forward the data to the MDSP (in most, if not all, cases the Transmission Owner) for optional review. After 14 calendar days the NYISO will accept the data as submitted unless challenged by the MDSP.

6.4.2 EDRP Reporting

In establishing the reporting requirements for this program, information regarding the identity of Demand Side Resources participating in this program shall be treated as confidential by the NYISO, and will not be shared with third parties.

The Event Participation Report (found in Attachment C) or the equivalent .csv file format described in Attachment D shall be required for reporting performance in an EDRP event. Either version is intended to be completed for each load or Local Generation resource participating in a CSP's EDRP program.

6.4.3 Demand Side Resource Reduction Data

A CSP will submit response(s) of the Demand Side Resource(s) or Local Generation that participated in the emergency event aggregated by hour and by zone.

- a) Where the CSP's Demand Side Resource response is based on individual end-use loads alone or for premises with both participating load and Local Generation, the CSP is required to provide metered hourly interval data for each load and the Local Generation for the entire billing period in which the EDRP event occurred.
- b) Where the CSP's Demand Side Resource response is provided only from Local Generation, the CSP shall provide interval data for the 24-hour period ending midnight of the day of the EDRP event.
- c) If the EDRP event occurs less than 10 days into a billing period for any end-use load or premises with participating load and Local Generation, the prior month's bill period data must also be provided for that end-use load and Local Generation.

6.4.4 Data Format

Individual end-use or Local Generation hourly interval load data for the billing period in which an EDRP event occurred shall be submitted in electronic form to the NYISO in one of the following formats:

- a) Excel spreadsheet format (Event Participation Summary Report) as described in Attachment C. A template can be found on the NYISO website at:
http://www.nyiso.com/services/documents/groups/bic_price_responsive_wg/demand_response/event_participation_form_050102.xls
- b) Comma-Separated Variable format as described in Attachment D. A template can be found on the NYISO website at:
http://www.nyiso.com/services/documents/groups/bic_price_responsive_wg/demand_response/ednd%20use.csv

Deleted: http://www.nyiso.com/services/documents/groups/bic_price_responsive_wg/demand_response_prog.html

CSPs should submit one file per day containing meter and CBL data for all participants.

Electronic data files may be submitted via one of the following methods:

- a) e-mail to: abreidenbaugh@nyiso.com or edrp-scr@nyiso.com;
- b) CD-ROM or other electronic medium.

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Attachment D - .csv File Format for EDRP

The file format defined below can be used as an alternative to the spreadsheets found in Appendix D of the EDRP Manual for reporting event data to the NYISO. The format is intended to simplify the transfer of data from CSP's CBL and load reduction calculations to the NYISO's billing and accounting process.

The extra hour that appears at the time shift from DST to EST will be after the first hour beginning 2 and the missing hour that occurs during the time shift from EST to DST will be represented with one comma. For example, the hours will appear as 1,2,2,3,... and 1,3,4,... This format is only for EST/DST time change, all other times the file will follow the format below.

Procedure for Submitting Files Subsequent to an EDRP Event

CSPs can submit either the Excel spreadsheet file defined in Attachment C of the EDRP Manual or the .csv file defined in this Attachment. The table below identifies the types and numbers of files that should be submitted for each event.

Type of information	Appendix D Spreadsheet	.csv file
End-Use Event Form	one sheet per demand side resource participating in event	one file per demand side resource participating in event*

*CSPs should zip all End-Use Event Files into one file prior to submitting to the NYISO

Files should be e-mailed to either of the following addresses:

abreidenbaugh@nyiso.com
edrp-scr@nyiso.com

Field Code Changed

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