

10.2.1 Curtailment Service Providers

The following business rules apply to Curtailment Service Providers:

- Prior to participating in the PJM Markets, Curtailment Service Providers must complete a registration in the appropriate PJM eSuite application which identifies the specific location(s) that will participate and their associated load reduction capability.
- PJM Full Emergency and Capacity Only Emergency registrations shall be submitted one day before the tenth business day preceding the relevant Delivery Year. If such registration is denied by the electric distribution company or Load Serving Entity or the Office of the Interconnection because of incorrect data, the CSP may correct the data and resubmit the registration before May 31st. All Full Emergency and Capacity Only Emergency registrations must be finalized prior to the start of the relevant Delivery Year.
- Simultaneous registration of a Demand Resource by more than one Curtailment Service Provider will not be accepted by PJM unless the registration by one CSP is for a Capacity Only ILR or Capacity Only DR resource and the other registration is for economic participation.
- In order to register Demand Resources all specific information as defined in the eLRS User Guide shall be provided.
- Demand Resources may be registered simultaneously as Economic Load Response Resources and Emergency Load Response Resources so long as they bid their economic load reductions in the Day-ahead Market, self schedule or notify PJM that their demand resources are dispatchable in Real Time.
- Demand Resources may switch CSPs. The CSP registering the switching Demand Resource shall provide PJM with the name of the CSP that previously registered the Demand Resource. PJM will treat the switching as a new registration and will request the CSP that previously registered the Demand Resource to terminate the previous registration. PJM will deem the previous registration terminated if the previous CSP does not respond within 10 business days. Termination of the previous registration will be required for acceptance of the switched registration. No Demand Resource will be eligible to reduce load when the identity of the CSP is in dispute. In order to accommodate day-ahead load response the switch will become effective at 12:01 a.m. of the third business day after the previous registration is terminated or deemed terminated by PJM. The previous registration will remain active for the sole purpose of settlement of load reductions that occurred before the switch became effective.
- Demand Resource intending to run an On-Site Generator in support of local load represents to PJM that it holds all applicable environmental and use permits for running those generators by submitting a registration. Continuing participation will be deemed as a continuing representation by the owner that each time its On-Site Generator is run it complies with all applicable permits, including any emissions, run-time limit or other constraint on plant operations that may be imposed by such permits.



- To assist CSPs in obtaining the electric usage information of the end-use customer the following Customer Usage Information Authorization form has been developed.



**Customer Usage Information Authorization
for PJM Load Response Programs (“Authorization”)**

_____, the end-use customer, (“Customer”) hereby authorizes _____, and _____, its electric distribution company(ies) (“EDCs”), to release its electric usage information, including hourly or sub-hourly usage history (kWh/kW), EDC loss factors, and peak load contribution assignments for the current delivery year and the upcoming delivery year, if known, to _____, the curtail service provider (“CSP”), which has been or may be retained by Customer to act on its behalf in the PJM Load Response Programs. Customer’s EDCs and end-use sites are identified on Attachment A-1 and A-2 hereto, which are incorporated herein by reference.

1. Customer’s contact information for purposes of its participation in the PJM Load Response Programs is as follows:

Customer Name: _____

Contact Person: _____

Mailing Address: _____

_____ City State Zip Code

Telephone Number: _____

Fax Number: _____

Contact Person’s Email Address: _____

2. Customer hereby advises CSP that it deems the information obtained pursuant to this Authorization to be confidential and therefore requests that such information not be divulged to any third party, except as required to participate in the PJM Load Response Programs.



3. This Authorization shall terminate as follows (mark ONE of the options below):

____ This Authorization shall be perpetual and shall not terminate unless written notice is provided to CSP at least ____ days in advance.

____ This Authorization shall automatically terminate on _____, with no further notice to CSP being required.

4. I understand that termination of this Authorization will not affect any action that CSP took in reliance on this Authorization before it automatically terminated or before CSP received Customer's written notice of termination.

5. The undersigned affirms that he/she has authority to execute this Authorization on behalf of Customer.

IN WITNESS WHEREOF, Customer executes this Authorization to be effective as of the date written below.

Customer: _____

By: _____

Print Name

Title

Signature

Date



ATTACHMENT A-1

LIST OF SITES FOR WHICH EDC, _____,
HAS AUTHORIZATION TO PROVIDE ELECTRIC USAGE INFORMATION TO CSP

Account Number(s):
Service Address:

Account Number(s):
Service Address:

Account Number(s):
Service Address:

Account Number(s):
Service Address:

10.2.2 PJM Activities

The following business rules apply to PJM activities:

- PJM will, if appropriate, propose an alternative CBL calculation together with supporting analysis. The process for determining the appropriate CBL is set forth below.
- PJM will confirm with the appropriate Load Serving Entity (LSE) and Electric Distribution Company (EDC) whether the load reduction is under other contractual obligations. (The EDC and LSE have ten (10) business days to respond or PJM assumes acceptance.)
- Other contractual obligations may not preclude participation, but may require special consideration by PJM such that appropriate settlements are made within the confines of the existing contract.
- PJM will confirm with the customer's LSE whether the Demand Resource is served under day-ahead or real-time LMP-based contract for energy delivery. PJM will further verify the nature of the Demand Resource's LMP-based contract.
- An LMP-based contract is defined as one by which an end-use customer has agreed to pay its LSE for the physical delivery of energy according to the hourly value of the Locational Marginal Price (LMP) as calculated by PJM. The bus, zone, aggregate, etc at which the LMP forms the basis for the contract is immaterial. The LMP on which the contract is based can be either day ahead or real time, and is assumed to be some multiple of the actual, calculated LMP.
- End-use customers that have LMP-based contracts under which they have agreed to pay their Load Serving Entity (LSE) for the physical delivery of energy according to the hourly value of the real-time LMP as calculated by PJM may participate in the Real-time Market as provided for under the Real-time Operations section below.
- PJM will verify the transmission and generation (retail rate) charges with the appropriate LSE.
- PJM will verify whether or not a Demand Resource is subject to a Load Management contract. PJM will further verify the nature of the Demand Resource's Load Management contract.
- If a Load Response registration is denied by an EDC or LSE because the Curtailment Service Provider provided an incorrect EDC Account Number, Zone, Aggregate or Retail Contract Information; the Curtailment Service Provider must submit to PJM a new registration for the Demand Resource that includes the correct EDC Account Number, Zone, Aggregate and Retail Contract Information, unless the registration is corrected by the EDC or LSE.
- If a Load Response registration or re-registration is reviewed by an EDC or LSE and the EDC or LSE does not believe that the standard CBL calculation is appropriate,

then the EDC or LSE shall provide a proposed alternative CBL calculation together with supporting analysis to PJM, the CSP, and the EDC or LSE respectively. The process for determining the appropriate CBL is set forth below.

- PJM will inform the Curtailment Service Provider of the acceptance into the program.
- PJM will finalize all Full Emergency and Emergency Capacity Only registrations prior to the start of the relevant Delivery Year. Registrations that are still pending EDC or LSE or PJM review when the Delivery Year begins will be denied by PJM and not eligible to participate in such Delivery Year.
- PJM will notify the appropriate LSE and EDC of the Demand Resource's acceptance.
- Curtailment Service Providers shall maintain the accuracy of the registration information provided to PJM for each Demand Resource.

10.2.3 Process for Determining the Appropriate CBL (standard or alternative)

- PJM, the CSP, the EDC, and/or the LSE that proposes an alternative CBL calculation shall provide the alternative CBL calculation and supporting analysis to the other parties.
- PJM, the CSP, the EDC and the LSE shall have 30 days from the day the alternative CBL proposal is received by the other parties to agree on a proposed alternative CBL calculation. If the parties agree on an alternative CBL calculation, then the agreed upon CBL calculation shall be effective from the date of the registration.
- If the parties do not agree on an alternative CBL calculation within 30 days, then PJM shall determine the CBL calculation within 20 days of the expiration of the prior 30 day period. The CBL established by PJM shall be binding on the parties unless agreement on an alternative CBL is reached before the end of the 20 day period.
- The process for determining the appropriate CBL shall not delay the registration, provided that the alternative CBL established shall be used for all applicable energy settlements.
- PJM shall periodically publish herein alternative CBL calculations established through this process.

10.3 Economic Energy Market Participation

Qualified Curtailment Service Providers may offer the load reductions of Demand Resources into the Day-ahead and Real-time Energy Market pursuant to the PJM Manuals, eMKT User Guide, and the following rules and requirements.

10.3.1 Day-ahead Operations