

Supplier within the Obligation Procurement Period must provide the NYISO with its proposed outage schedule for the current Capability Year and the following two (2) calendar years, no later than the first day of the month preceding the month in which it intends to supply Unforced Capacity, so that it may be subject to the voluntary and mandatory rescheduling procedures described above.

An Installed Capacity Supplier that refuses the NYISO's forced rescheduling of its proposed outages shall not qualify as an Installed Capacity Supplier for that unit for any month during which it schedules or conducts an outage.

4.3.1 (This Section intentionally left blank)

4.3.2 External System Resources

The NYISO and the External Control Area in which the External System Resource is located will coordinate the maintenance schedules for the interconnections that link these Resources to the NYCA. External System Resources are not subject to the voluntary and mandatory re-scheduling procedures described above.

4.3.3 Special Case Resources (Section 4.12 of this Manual)

Although Special Case Resources are not subject to maintenance scheduling requirements, each Special Case Resource must be capable of being interrupted on demand as specified in this Manual. The Responsible Interface Party (RIP) for a Special Case Resource that is not capable of being interrupted on demand shall report such an occurrence to the NYISO in accordance with this ICAP Manual.

References in this Manual to a RIP(s) include a Special Case Resource acting as its own RIP.

4.3.3.1 Change of Load for purposes of Section 4.3.3 shall mean when a Special Case Resource reasonably anticipates a total load reduction equal to or greater than the lesser of (i) thirty (30) percent of the Average Peak Monthly Demand for any month within the then-current Capability Period, and (ii) ten (10) MW if in Rest of State or Long Island Locality, five (5) MW in the NYC Locality.

4.3.3.2 Change of Status for purposes of Section 4.3.3 shall mean a Change of Load for period reasonably anticipated to be greater than sixty (60) continuous days.

4.3.3.3 RIPs shall report a Change of Load for a period greater than fourteen (14) continuous days of a Special Case Resource with a demand in any of the preceding twelve (12) months greater than 2 MW as soon as practicable but at least two (2) business days prior to the on-set of the Change in Load. . The Change of Load report shall be in writing on the Change of Load form and sent via electronic mail to SCR_Registration@nyiso.com.

4.3.3.4 The RIP shall reduce the APMD of a Special Case Resource for any month in which (a) the SCR reasonably anticipates a reduction in total load equal to or greater than the lesser of (i) thirty (30) percent of the Average Peak Monthly Demand for any month within the then-current Capability Period, and (ii) ten (10) MW in Rest of State or Long

Island Locality, five (5) MW in the NYC Locality, and (b) for a reasonably anticipated period of greater than sixty (60) continuous days.

4.3.3.5 For a Special Case Resource that increases its load due to the end of a Change of Status event in the same Capability Period in which the reduction pursuant to a Change of Status report began, the RIP for a Special Case Resource whose APMD was reduced in accordance with 4.3.3.4, may (a) increase the Special Case Resource’s APMD for any months remaining in the Capability Period in which the reduction occurred, (b) provided such increase corresponds to the 4.3.3.4 reduction, (c) in an amount not to exceed the APMD for that Capability Period prior to the 4.3.3.4 reduction.

4.3.3.6 For a Special Case Resource returning from a Change of Status condition in a like Capability Period other than the Capability Period in which it began to reduce load in respect of a Change of Status report, the RIP for that Special Case Resource may claim as an APMD for that current Capability Period the lesser of (a) the average of the one-hour peak Loads during the noon to 8 PM time period during all of the four (4) middle months in the current Capability Period in which the Change of Status condition was reported but the reduction was not in effect, and (b) the APMD established in the workbook submitted to the NYISO (whether by the SCR's current or former RIP) immediately prior to reporting the Change of Status. If a Change of Status was in effect for all of the four (4) middle months identified in (a), the RIP for that Special Case Resource may claim as an APMD for that Capability Period only the APMD used immediately prior to reporting the Change of Status.

4.3.3.7 There shall be no relief from penalties or other obligations for failure to perform if the Special Case Resource was an Installed Capacity Supplier in any month in which a Special Case Resource event, test, or audit occurs.

4.4 Operating Data Reporting Requirements (Section 5.12.5 NYISO Services Tariff)

Installed Capacity Suppliers shall submit Operating Data to the NYISO every month in accordance with the following subsections. Further details applicable to generating Resources are included in Attachment K to this Manual, at the NERC-GADS [Web site http://www.nerc.com/page.php?cid=4|43](http://www.nerc.com/page.php?cid=4|43) and in the NERC Data Reporting Instructions at <http://www.nerc.com/page.php?cid=4|43|45>. The NYISO collects a subset of the data covered by the NERC Data Reporting Instructions and is focused principally on outage types. For example, an exception to the NERC Data Reporting Instructions is covered in Section 4.6.2 of this Manual. The completeness, accuracy, and validity of the performance data sent to the NYISO are the responsibility of the Resource making such data submission. Installed Capacity Suppliers that do not comply with the following subsections shall be subject to the sanctions provided in Section 5.12.12 of the *NYISO Services Tariff* ([available from the NYISO Web site at the following URL: http://www.nyiso.com/public/documents/tariffs/market_services.jsp](http://www.nyiso.com/public/documents/tariffs/market_services.jsp)).

When an Installed Capacity Supplier (the “Seller”) sells Unforced Capacity to another Installed Capacity Supplier (the “Purchaser”), such as an Installed Capacity Marketer, the Seller and the Purchaser may designate the Purchaser as the entity responsible for fulfilling

Formatted: Font - Publication Reference

required to submit their monthly Installed Capacity Supplier certification forms. See Section 4.7 of this Manual. Special Case Resource Minimum Payment Nominations must be submitted to the NYISO using the *SCR Workbook* located on the NYISO Web site at <http://www.nyiso.com/public/products/icap/manuals.jsp>. ~~Responsible Interface Parties~~ ~~RIPs~~ must submit Minimum Payment Nominations for all qualified Special Case Resources, regardless of whether, at the time of the submission, a qualified Special Case Resource has committed to supply Unforced Capacity in the NYCA market during the upcoming month. Once submitted, a Special Case Resource's Minimum Payment Nomination will remain in effect for the life of the Special Case Resource unless superseded by a successive Minimum Payment Nomination.

Formatted: Font - Publication Reference

Special Case Resource Minimum Payment Nominations will be used only when the NYISO Operations department determines the need to call on these Resources in accordance with the NYISO Emergency Operations Manual. In the event the NYISO Operations department makes such a determination, the Minimum Payment Nominations placed for each Special Case Resource will allow the NYISO to call for Load reduction based on Special Case Resource zone location and price. As a result, the NYISO will be able to call less than the total pool of Special Case Resources in the NYCA and in each NYCA zone.

As an example, the NYISO may determine that it needs a Demand Reduction response of 25 MW in Zone J. A total of 50 MW of Special Case Resources located in Zone J is supplying Unforced Capacity. For this example, assume that each MW of Special Case Resource Capacity entered a different Minimum Payment Nomination, from \$0/MWh to \$500/MWh. In order to fulfill its need for 25 additional MW of reserves, the NYISO will call the 25 MWs of Special Case Resources in economic order based on their submitted Minimum Payment Nominations starting with the lowest values. See Section 4.12.8 for situations where multiple Special Case Resources have placed the same top Minimum Payment Nomination called upon by the NYISO and the total MW offered at that price exceed the ISO's needs.

4.12.4 Performance

A Special Case Resource must make Energy available, for a minimum four (4) hour block (except where environmental constraints that have been previously considered and approved by the NYISO require a shorter block), in amounts that correspond to the Installed Capacity Equivalent of the amount of Unforced Capacity it supplies to the NYCA, by reducing Load or by transferring Load to a distributed generator. The obligation to reduce Load or to transfer Load to a distributed generator shall commence at the top of the hour after the NYISO has provided the following notices:

- a. on the day before the Special Case Resource's performance may be required, the NYISO shall provide twenty-one (21) hour notice to the RIP, so long as notification is provided by 3:00 PM ET. If notice is provided to the RIP after 3:00 PM ET on the day before the Special Case Resource's performance may be required, then the NYISO shall instead provide twenty-four (24) hours notice;
- b. following the advance notice described in (a) above, on the operating day the NYISO shall provide at least two (2) hours notice to the RIP that the Special Case Resource's performance will be required. The Special Case Resource shall

reduce its Load or to transfer Load to a distributed generator (as appropriate) commencing at the top of the hour immediately after the two-hour notice period has expired. In the alternative, the NYISO may specify the hour at which the Special Case Resource shall commence performance of its obligation by reducing its Load or to transferring Load to a distributed generator (as appropriate), so long as the start hour specified by the NYISO is at least two hours in the future.

If the Special Case Resource is unable to provide full output within two (2) hours due to operational constraints, the RIP may petition the NYISO for permission to provide maximum output from the Special Case Resource within a longer period. The ISO's permission will not be unreasonably withheld. In granting permission, the NYISO will calculate the appropriate de-rating factor for use in determining the amount of Unforced Capacity that such Special Case Resource can provide in the future.

The NYISO will use the average of the one-hour peak Loads during the noon to 8 PM time period during the four (4) middle months in previous like Capability Period to create a Special Case Resource Average Peak Monthly Demand ("APMD") baseline. In the SCR Workbook submitted by the RIP each month within the Capability Period, among other required information, the RIP shall state (a) the values necessary to compute the APMD for each Special Case Resource and (b) any load reduction in accordance with Section 4.3.3.4. If a new Special Case Resource has no interval billing meter data from the Prior Equivalent Capability Period, its Installed Capacity value shall be provisionally based on peak monthly metered demands. Such provisional declaration will be subject to actual in-period verification using actual hourly interval billing meter data for the applicable Capability Period. Changes to APMD due to a reported Special Case Resource Change in Status as required per Sections 4.3.3.3 and 4.3.3.4 are also subject to in-period verification using actual hourly interval billing meter data for the applicable Capability Period. The computation of a Special Case Resource with a reported Change in Status or a new Special Case Resource's performance during an event and test that includes in its formula peak monthly metered demands shall be subject to all the same deficiency payments and forward deratings as apply to all other Special Case Resources.

In the case where a Special Case Resource is using a distributed generator for demand reduction, the Installed Capacity value of that Special Case Resource is based on the net contribution to reducing the NYCA peak Load in the prior Capability Year. The normal production level of the distributed generator does not qualify as Special Case Resource capacity except as provided below. For example, a back-up generator that was not operating during the prior year NYCA peak would qualify for its full output value less associated parasitic consumption, auxiliary and load bank Load, if any. A generator that was operating during the prior NYCA peak would only get Capacity credit for the net increase over its contribution to the prior year's NYCA peak Load.

An exception to the immediately preceding paragraph is made when the Special Case Resource, LSE, Transmission District and NYCA peak Load upon which Installed Capacity requirements were based are grossed up to account for the Special Case Resource's operation. Under these circumstances the Special Case Resource would be treated as a back-up generator that was not operating during the prior year NYCA peak. Special Case Resources that use a distributed generator for demand reduction during the NYCA peak

Load period and that desire to qualify this demand reduction as Installed Capacity must authorize the RIP to request such treatment of the NYISO. The RIP must, in turn, notify the NYISO of the Special Case Resource's authorization to treat the Special Case Resource generator's production as Installed Capacity. The NYISO will then assume responsibility for notifying the Transmission Owner in whose Transmission District the Special Case Resource generator exists and ensure that the generator demand reduction is properly accounted for in the relevant customer's Load, the LSE's Load, the Transmission District's Load forecast and the NYCA peak Load forecast.

The *SCR Workbook* used to register and report performance in accordance with these procedures, along with detailed instructions on its use, is located on the NYISO Web site at <http://www.nyiso.com/public/products/icap/manuals.jsp>.

Each Special Case Resource is required by the NYISO to demonstrate its maximum registered MW value in a test once in every Capability Period, such test not to exceed one clock hour on the date and at the time specified by the NYISO. The RIP shall be eligible for Energy payments for the one-hour test provided the RIP submits all required data and complies with other test-related requirements in respect of the Special Case Resource. Tests will be conducted on a date and at a time designated by the NYISO between July 1 and August 31 for the Summer Capability Period and between January 1 and the last calendar date of February for the Winter Capability Period. All Special Case Resources registered with and accepted by the NYISO both (x) prior to the date of the test and (y) on the date of the test, must perform the test for each Capability Period in which the Resource is accepted on any date. If a RIP terminates the registration with the NYISO of a Special Case Resource prior to the date of a test (termed a "Former SCR"), the RIP, at its election, may have the SCR perform the test. If the RIP does not provide test data for a Former SCR, a value of zero (0) will be attributed to the Former SCR's performance in the computation of performance factors and deficiency charges. All Special Case Resources registered with and accepted by the NYISO after the date of the test within the Capability Period shall perform a test within the Capability Period on the date and at the time specified by the NYISO; namely in late September or October (Summer Capability Period) or late March or April (Winter Capability Period).

Each Special Case Resource's performance in the test and event will be considered when determining RIP deficiencies. The calculation of the deficiency penalty shall utilize the greater of the quantity of capacity it proves is available during (i) the test called by the NYISO and (ii) any event within the same Capability Period, such quantity termed, "Maximum Demonstrated MW Reduction."

Within a Capability Period, for RIPs with Special Case Resources reporting a Change of Status, in months where the Change of Status is in effect, the performance of the Special Case Resource shall be based on the reduced APMD. In months prior to the beginning of the onset of the Change of Status, the performance of the Special Case Resource shall be based on the APMD immediately prior to the month in which the reduction pursuant to a Change of Status began. In months in which load increases due to the end of a Change of Status event, the performance of the Special Case Resource shall be based on the APMD established in accordance with ICAP Manual Section 4.3.3.5.

A RIP will be subject to deficiency charge in any month it sells more capacity than the Maximum Demonstrated MW Reduction in the same Capability Period. A RIP also will be deficient if New Special Case Resources are included in UCAP certified for a sale in any auction other than an ICAP Spot Market Auction or included in a Bilateral Transaction that is certified by both parties. The performance during the test or event of Special Case Resources that move from one RIP (termed the "Initial RIP") portfolio to another RIP (termed the "Final RIP") portfolio will be credited to the RIP that has the Special Case Resource registered to it at the time of the event or test. If the NYISO identifies a RIP deficiency, an Initial RIP shall have an opportunity to demonstrate to the NYISO (aa) that a Special Case Resource that was a resource of the Initial RIP was registered with a Final RIP at the time of an event or test, and (bb) the portion of the RIP's sales attributable to such Special Case Resource for the month under review. Provided such demonstration is to the satisfaction of the NYISO, the portion of such Special Case Resource's sales will not be used in the computation of the Initial RIP's deficiency charge for the month. The performance of capacity resources registered with and accepted by the NYISO subsequent to the test in July or August (Summer Capability Period) or January or February (Winter Capability Period) will only apply to month(s) in (xx) which the added resources participated and (yy) the Capability Period for which the Resource was tested, not every month in the Capability Period. Individual Special Case Resources will be subject to derating as described below.

A RIP that sells less than one hundred percent (100%) of its total registered MW may identify the portion of each Special Case Resource that constitutes the sale. Such identification must be made to the NYISO within five (5) business days following posting of the ICAP Spot Market Auction results. Nothing in the preceding sentence shall diminish a RIP's obligation to provide data regarding Special Case Resources within Zone J, including pursuant to *ICAP Manual* Section 5.15.2. Special Case Resources identified by a RIP as not sold in the month of an event will not have their performance during event hours counted toward their performance factors. If a RIP does not provide the information within the specified period, each Special Case Resource of a RIP applicable to a sale (for example, at the PTID if the PTID is identified in the sale) will be considered as sold at its full registered MW value. UCAP values will be calculated for each Special Case Resource in accordance with Section 3.3 of Attachment J to this manual. Performance for each Special Case Resource shall be reported for all hours during all called Special Case Resource events and one-hour tests in a Capability Period. Each Capability Period, the NYISO will calculate performance factors for each Special Case Resource based on all of the following values from the last like Capability Period and the Capability Period preceding the last like Capability Period: (a) the best set of four (4) consecutive hours in each event for events of four hours or more, (b) all hours for events of less than four hours, and (c) all test data.

If Special Case Resource data is not provided in the form and manner and within the time period prescribed for any of the hours used for performance measurement, those hours will be treated as forced outage hours unless the Special Case Resource was previously identified as not committed for that month. If a resource (including one that ceases to be registered with the NYISO or a resource of the RIP at the time of the test) does not perform the test, or if required test data is not submitted within the specified time period after a test, the hour test period will be treated as a forced outage hour. All hours, including those in excess of the hours used for performance measurement, including tests, will be used to

determine Energy payments in accordance with Section 4.12.8, statistics for NYISO internal use, the computation of deficiency charges, and as the basis for various external reports, and for other purposes in accordance with the Tariff.

In the event that a Special Case Resource located at a retail customer was in operation (in the case of a distributed generator) or providing Load reduction (in the case of interruptible Load), at the time of the system or Transmission District peak upon which the Minimum Unforced Capacity Requirement of the LSE serving that customer is based, the LSE's Minimum Unforced Capacity Requirement shall be increased by the amount of Load that was served or interrupted by the Special Case Resource.

4.12.5 NYISO Notification Procedures

The NYISO will provide twenty-one (21) hour-ahead notification if notification is provided by 3:00 PM ET, or twenty-four (24) hour notice otherwise, and two (2) hour notice, as required by this Manual (and described in Section 4.12.4, above), to the RIP. The former notification will be provided after 11 am, day-ahead, when the Day-Ahead Market closes. The NYISO commits not to use the day-ahead notification of potential need to operate indiscriminately but rather only when the Day-Ahead Market indicates potential serious shortages of supply for the next day in accordance with the Emergency Operations Manual. The day-ahead notice may occur on a weekend day or a holiday, as needed.

The NYISO shall provide notice no less than two (2) hours ahead of required operation or interruption, in the manner described in Section 4.12.4, above. Requested hours of operation within the two hour notification window and/or beyond the maximum 4 hours obligation will be considered voluntary for purposes of performance measurement. Notifications will normally be specified from, and to, specific clock hours, on-the-hour. Performance calculations and energy payments will normally be calculated for energy reductions for whole clock hours; i.e. from 13:00 to 14:00, 14:00 to 15:00, etc. In cases where events are initiated other than on-the-hour, energy payments will be computed for partial hours but performance calculations will only be calculated for whole hours.

RIPs shall contact their Special Case Resources through whatever communication protocols are agreed to between the Special Case Resources and the RIPs. Communication from the RIP to the Special Case Resource is the responsibility of the RIP. Such communication is subject to review by the NYISO. Any misrepresentation of the NYISO program in such notifications is subject to sanction by the NYISO, up to and including disqualification as a RIP.

RIPs claiming Special Case Resource Unforced Capacity shall provide the NYISO with their phone and Internet contact information that allows for notification by the NYISO at any time. [Responsible Interface Parties](#)RIPs shall confirm receipt of both instances of notification (day-ahead and two (2) hour) within 1 hour by Internet or telephone reply to the NYISO. Such reply must confirm the relay of proper notification by the RIPs to their Special Case Resource clients, where applicable.