

[Proposed Services Tariff revisions in Articles 2 and 5 for Intermittent Power Resources; additional revisions in Article 4 will also be required.]

5.12.1 Installed Capacity Supplier Qualification Requirements

In order to qualify as an Installed Capacity Supplier in the NYCA, Energy Limited Resources, Generators, Installed Capacity Marketers, Intermittent Power Resources, and System Resources rated 1 MW or greater, other than External System Resources and Control Area System Resources which have agreed to certain Curtailment conditions as set forth in the last paragraph of Section 5.12.1 below, and other than Special Case Resources, existing municipally-owned generation, Energy Limited Resources, and Intermittent Power Resources, to the extent those entities are subject to the requirements of Section 5.12.11 of this Tariff, shall:

(i) provide information reasonably requested by the ISO including the name and location of Generators, and System Resources;

(ii) in accordance with the ISO Procedures, perform DMNC tests and submit the results to the ISO, or provide to the ISO appropriate historical production data;

(iii) abide by the ISO Generator maintenance coordination procedures;

(iv) provide the expected return date from any outages (including partial outages) to the ISO;

(v) in accordance with the ISO Procedures,

(a) provide documentation demonstrating that it will not use the same Unforced Capacity for more than one (1) buyer at the same time, and

(b) in the event that the Installed Capacity Supplier supplies more Unforced Capacity than it is qualified to supply in any specific month (i.e., is short on Capacity), documentation that it has procured sufficient Unforced Capacity to cover this shortfall.

(vi) except for Installed Capacity Marketers, Bid into the Day-Ahead Market, unless the Energy Limited Resource, Generator or System Resource is unable to do so due to an outage as defined in the ISO Procedures or due to temperature related de-ratings. Generators may also enter into the MIS an upper operating limit that would define the operating limit under normal system conditions. The circumstances under which the ISO will direct a Generator to exceed its upper operating limit are described in the ISO Procedures;

(vii) provide Operating Data [or other data](#) in accordance with Section 5.12.5 of this Tariff;

(viii) comply with the ISO Procedures;

(ix) when the ISO issues a Supplemental Resource Evaluation request (an SRE), Bid into the in-day market unless the entity has a bid pending in the Real-Time Market when the SRE request is made or is unable to bid in response to the SRE request due to an outage as defined in the ISO Procedures, or due to other operational issues, or due to temperature related deratings; and

(x) Installed Capacity Suppliers located East of Central-East shall Bid in the Day-Ahead and Real-Time Markets all Capacity available for supplying 10-Minute Non-Synchronized Reserve (unless the Generator is unable to meet its commitment because of an outage as defined in the ISO Procedures), except for the Generators described in subsections (a), (b), (c) and (d) below:

(a) Generators providing Energy under contracts executed and effective on or before November 18, 1999 (including PURPA contracts) in which the power purchasers do not control the operation of the supply source but would be responsible for penalties for being off-schedule, with the exception of Generators under must-take PURPA contracts executed and effective on or before November 18, 1999, who have not provided telemetering to their local TO and historically have not been eligible to participate in the NYPP market, which will continue to be treated as TO Load modifiers under the ISO-administered markets;

(b) Existing topping turbine Generators and extraction turbine Generators producing Energy resulting from the supply of steam to the district steam system located in New York City (LBMP Zone J) in operation on or before November 18, 1999 and/or topping or extraction turbine Generators used in replacing or repowering steam supplies from such units (in accordance with good engineering and economic design) that cannot follow schedules, up to a maximum total of 365 MW of such units;

~~(c) Existing Intermittent Power Resources in operation on or before November 18, 1999 within the NYCA, plus up to an additional 500 MW of such Generators; and~~

~~(c)~~ Units that have demonstrated to the ISO that they are subject to environmental, contractual or other legal or physical requirements that would otherwise preclude them from providing 10-Minute NSR.

The ISO shall inform each potential Installed Capacity Supplier that is required to submit DMNC data of its approved DMNC ratings for the Summer Capability Period and the Winter Capability Period in accordance with the ISO Procedures.

Requirements to qualify as Installed Capacity Suppliers for External System Resources and Control Area System Resources located in External Control Areas that

have agreed not to Curtail the Energy associated with such Installed Capacity or to afford it the same Curtailment priority that it affords its own Control Area Load shall be established in the ISO Procedures.

5.12.5 Operating Data Reporting Requirements

To qualify as Installed Capacity Suppliers in the NYCA, Resources shall submit to the ISO Operating Data in accordance with this Section 5.12.5 and the ISO Procedures. Resources that do not submit Operating Data in accordance with the following subsections and the ISO Procedures shall be subject to the sanctions provided in Section 5.12.12(a) of this Tariff.

Resources that were not in operation on January 1, 2000 shall submit Operating Data to the ISO no later than one month after such Resources commence commercial operation, and in accordance with the ISO Procedures and the following subsections as applicable.

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5.12.5(c) Intermittent Power Resources and Municipally-Owned Generation

To qualify as Installed Capacity Suppliers in the NYCA, ~~Intermittent Power Resources, or the purchasers of Unforced Capacity associated with those Resources, and~~ municipally-owned generation shall submit data equivalent to GADS Data or other Operating Data, and Intermittent Power Resources or the purchasers of Unforced Capacity associated with those Resources shall submit Capacity, Availability and output data. to the ISO each month in accordance with the ISO Procedures.

5.12.6 Operating Data Default Value and Collection

5.12.6(a) Monthly Calculations

The ISO shall calculate each month for each Resource the amount of Unforced Capacity that each Installed Capacity Supplier is qualified to supply in the NYCA based on a rolling twelve-month calculation or as specified below, and in accordance with formulae provided in the ISO Procedures.

The amount of Unforced Capacity that each Generator, System Resource, Energy Limited Resource, Special Case Resource, and municipally-owned generation is authorized to supply in the NYCA shall be based on the ISO's calculations of individual Equivalent Demand Forced Outage Rates. The amount of Unforced Capacity that each Control Area System Resource is authorized to supply in the NYCA shall be based on the ISO's calculation of each Control Area System Resource's availability. The amount of Unforced Capacity that each Intermittent Power Resource is authorized to supply in the NYCA shall be ~~based on the individual historical Capacity factor adjusted by the ISO to~~

~~remove the effects of outages~~the amount of Capacity that an Intermittent Power Resource can reliably provide during system peak Load hours, as determined in accordance with the ISO Procedures.

The ISO shall calculate the Equivalent Demand Forced Outage Rates, Availability rates, and Capacity factors annually and update them monthly using a twelve-month rolling average of Operating Data in accordance with formulae provided in the ISO Procedures. The ISO shall perform separate Summer and Winter Capability Periods Unforced Capacity calculations for each Resource to more accurately reflect seasonal variations in their DMNC ratings.

5.12.11 Special Case Resources, Municipally-Owned Generation, Energy Limited Resources and Intermittent Power Resources

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5.12.11(d) Intermittent Power Resources

Intermittent Power Resources may qualify as Installed Capacity Suppliers, without having to comply with the daily bidding and scheduling requirements set forth in Section 5.12.7 of this Tariff, and may claim up to their ~~Unforced nameplate~~ Capacity as Installed Capacity. To qualify as Installed Capacity Suppliers, Intermittent Power Resources shall comply with the notification requirements of Section 5.12.7 of this Tariff. ~~In calculating Unforced Capacity for an Intermittent Power Resource, the historical Capacity factor will be adjusted to remove the effects of outages in accordance with the ISO Procedures.~~