

## **2.116 Non-Firm-Point-To-Point Transmission Service**

Point-To-Point Transmission Service under the Tariff for which a Customer is not willing to pay Congestion. Such service is available absent constraint under Part II of this Tariff.

Non-Firm-Point-To-Point Transmission Service is available on a stand-alone basis for individual one-hour periods not to exceed twenty-four (24) consecutive hours.

### **2.116a Non-Investment Grade Customer**

A Customer that does not meet the criteria necessary to be an Investment Grade Customer, as set forth in Article II of Attachment K.

### **2.116b Non-Schedulable Run-of-River Hydro Resource**

A Generator above 1 MW in size which has demonstrated to the satisfaction of the ISO that its Energy production depends directly on river flows that it does not control and that such dependence precludes accurate real-time scheduling of the facility's output.

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In addition, any Customer that purchases Unforced Capacity associated with any generation that is subject to capacity market mitigation measures in an ISO-administered auction may not resell that Unforced Capacity in a subsequent auction at a price greater than the annual mitigated price cap, as applied in accordance with the ISO Procedures in accordance with Sections 5.13.2, 5.13.3, and 5.14.1 of this Tariff. The ISO shall inform Customers that purchase Unforced Capacity in an ISO-administered auction of the amount of Unforced Capacity they have purchased that is subject to capacity market mitigation measures.

The ISO shall have the right to audit all executed Installed Capacity contracts and related documentation of arrangements by an LSE to use its own generation to meet its Locational Minimum Installed Capacity Requirement for an upcoming Obligation Procurement Period.

## **5.12 Requirements Applicable to Installed Capacity Suppliers**

### **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, Non-Schedulable Run-of-River Hydro Resources and System Resources rated 1 MW or greater, other than

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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, and 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.

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- (vi) except for Installed Capacity Marketers and Intermittent Power Resources, 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

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Capacity it has certified has not been sold for use in an External Control Area.

### **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.

#### **5.12.5(a) Generators, System Resources, Energy Limited Resources, and Special Case Resources**

To qualify as Installed Capacity Suppliers in the NYCA, Generators, External Generators, System Resources, External System Resources, Energy Limited Resources, and Special Case Resources, and Municipal Generators or the purchasers of Unforced Capacity associated with those Resources shall submit GADS Data, data equivalent to GADS Data, or other Operating Data to the ISO each month in accordance with the ISO Procedures. Prior to the successful implementation of a software modification that allows gas turbines to submit multiple bid points, these units shall not be considered to be forced out for any hours that the

~~**5.12.5(e) 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 to the ISO each month in accordance with the ISO Procedures.~~

**5.12.5(d) Transmission Projects Granted Unforced Capacity Deliverability Rights**

An owner of a transmission project that receives UDRs must, among other obligations, submit outage data or other operational information in accordance with the ISO procedures to allow the ISO to determine the number of UDRs associated with the transmission facility.

**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

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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 and Non- Schedulable Run-of-River Hydro 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 the Intermittent Power Resource or Non- Schedulable Run-of-River Hydro Resource can reliably provide during system peak Load hours, as determined in accordance with the ISO Procedures.

Add to the ICAP manual: Unforced capacity from an Intermittent Power Resource and Non- Schedulable Run-of-River Hydro Resource for the summer capability period shall be the average production during the peak hours of HB 1400 to 1800 for the months of June, July and August during the immediately previous like capability period.

Unforced capacity from an Intermittent Power Resource and Non- Schedulable Run-of-River Hydro Resource for the winter capability period shall be the average production during the peak hours of HB 1600 to HB 2000 for the months December, January, and February during the immediately previous like capability period.

The ISO shall calculate Unforced Capacity values ~~the Equivalent Demand Forced Outage Rates, Availability rates, and Capacity factors annually-~~ for each Generator, System Resource, Energy Limited Resource, Special Case Resource, and municipally-owned generation and update

them ~~monthly-periodically~~ using a twelve-month ~~calculation rolling average of Operating Data~~ in accordance with formulae provided in the ISO Procedures. The ISO shall ~~calculate perform~~ separate Summer and Winter Capability Periods Unforced Capacity ~~calculations-values~~ for each Resource. ~~to more accurately reflect seasonal variations in their DMNC ratings.~~

The ISO shall calculate separate Summer and Winter Capability Period Unforced Capacity values for Intermittent Power Resources and Non-Schedulable Run-of-River Hydro Resources seasonally, as described in ISO Procedures.

**5.12.6(b) Default Unforced Capacity**

In its calculation of Unforced Capacity, the ISO shall deem a Resource to be completely forced out for each month for which the Resource has not submitted its Operating Data in accordance with Section 5.12.5 of this Tariff and the ISO Procedures. A Resource that has been deemed completely forced out

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for a particular month may submit new Operating Data, for that month, to the ISO at any time. The ISO will use such new Operating Data when calculating, in a timely manner in accordance with the ISO Procedures, a new Unforced Capacity value rolling average for the Resource.

Upon a showing of extraordinary circumstances, the ISO retains the discretion to accept at any time Operating Data which have not been submitted in a timely manner, or which do not fully conform with the ISO Procedures.

**5.12.6(c) Exception for Certain Equipment Failures**

When a Generator, Special Case Resource, Energy Limited Resource, or System Resource is forced into an outage by an equipment failure that involves equipment located on the high voltage side of the electric network beyond the step-up transformer, and including such step-up transformer, the outage will not be counted for purposes of calculating that Resource's Equivalent Demand Forced Outage Rate.

**5.12.7 Availability Requirements**

Subsequent to qualifying, each Installed Capacity Supplier shall, except as noted in Section 5.12.11 of this Tariff, on a daily basis: (i) schedule a Bilateral Transaction; (ii) Bid Energy in each hour of the Day-Ahead Market in accordance with the applicable

#### **5.12.11 (c) Energy Limited Resources**

An Energy Limited Resource may qualify as an Installed Capacity Supplier if it Bids its Installed Capacity Equivalent into the Day-Ahead Market each day and if it is able to provide the Energy equivalent of the Unforced Capacity for at least four (4) consecutive hours each day. Energy Limited Resources shall also Bid a Normal Upper Operating Limit or Emergency Upper Operating Limit, as applicable, designating their desired operating limits. Energy Limited Resources that are not scheduled in the Day-Ahead Market to operate at a level above their bid-in upper operating limit, may be scheduled in the RTC, or may be called in real-time pursuant to a manual intervention by ISO dispatchers, who will account for the fact that Energy Limited Resource may not be capable of responding.

#### **5.12.11(d) Intermittent Power Resources**

Intermittent Power Resources ~~that depend upon wind as their fuel~~ 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, ~~such~~ Intermittent Power Resources shall comply with the ~~notification~~ requirements of Section ~~5.12.1 and~~ 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.~~

