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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, Generators and controllable transmission projects electrically located in the NYCA, and transmission projects with associated incremental transfer capability, must have obtained Capacity Resource Interconnection Service ("CRIS") pursuant to the applicable provisions of Attachment S to the ISO OATT and have entered service: controllable transmission projects must also have obtained Unforced Capacity Deliverability Rights and transmission projects with associated incremental transfer capability must also have obtained External-to-ROS Deliverability Rights. Generators that ~~are~~ participate in the markets as Co-located Storage Resources or Hybrid Storage Resources must each, independently, obtain CRIS in order to qualify as Installed Capacity Suppliers. Even if a Generator has otherwise satisfied the requirements to participate in the ISO's Installed Capacity market, a Generator in Inactive Reserves, an ICAP Ineligible Forced Outage, a Mothball Outage, or that is Retired is ineligible to participate in the ISO's Installed Capacity market. A Generator that elects to participate in the ICAP Market, and is within a defined electrical boundary, electrically interconnected with, and routinely serves a Host Load (which Host Load does not consist solely of Station Power) at a single PTID can only participate in the Installed Capacity market as a Behind-the-Meter Net Generation Resource. Generators that ~~are~~ participate in the markets as Co-located Storage Resources must each, independently, comply with all applicable market rules contained in this Services Tariff Section 5.12 as an Energy Storage Resource, ~~or as an~~ Intermittent Power Resource, Limited Control Run-of-River Hydro Resource, ~~or as a~~ Fast-Start Resource, or other permitted type of ~~(a~~ Generator~~)~~, consistent with its resource type~~as~~

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~~appropriate~~. Generators that participate in the markets as components of a Hybrid Storage Resource must comply with all applicable market rules contained in this Services Tariff Section 5.12 as an Energy Storage Resource, Intermittent Power Resource or Limited Control Run-of-River Hydro Resource, unless an exception applies.

5.12.6 Capacity Calculations, Operating Data Default, Value and Collection

5.12.6.2 UCAP Calculations

The ISO shall calculate for each Resource the amount of Unforced Capacity that each Installed Capacity Supplier is qualified to supply in the NYCA in accordance with formulae provided in the ISO Procedures. A Resource's Unforced Capacity will be the applicable Adjusted Installed Capacity multiplied by the quantity of 1 minus the Resource's derating factor.

The amount of Unforced Capacity that each Generator, except for the Generator of a Behind-the-Meter Net Generation Resource, 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 a Generator that is participating as a part of a Co-located Storage Resource is authorized to supply in the NYCA shall account for reductions to the CSR Scheduling Limits, or the unavailability of the associated facilities, in accordance with ISO Procedures. The amount of Unforced Capacity that each Energy Storage Resource is authorized to supply in the NYCA shall be based on the individual availability of the Energy Storage Resource in the Real-Time Market and calculated by the ISO in accordance with ISO Procedures. Except as provided in Section 5.12.6.2.1 of this Services Tariff, this calculation

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shall not include hours in any month that the Energy Storage Resource was in an outage state that started on or after May 1, 2015 and that precluded its eligibility to participate in the Installed Capacity market. The amount of Unforced Capacity that an Energy Storage Resource that is participating as a part of a Co-located Storage Resource or Hybrid Storage Resource is authorized to supply in the NYCA shall account for reductions to the CSR Scheduling Limits or the UOL or LOL of a Hybrid Storage Resource, or the unavailability of the associated facilities, in accordance with ISO Procedures.

5.12.7 Availability Requirements

5.12.7.2 Hybrid Storage Resource Availability Requirements

The total amount of Energy that a Hybrid Storage Resource schedules, bids, or declares to be unavailable on a given day must equal or exceed the Installed Capacity Equivalent of the Unforced Capacity that its Energy Storage Resource and any included landfill gas Intermittent Power Resource supplies~~y~~. A Hybrid Storage Resources must satisfy the Availability Requirements for its Energy Storage Resource and for any included landfill gas Intermittent Power Resource, in accordance with Section 5.12.7. Hybrid Storage Resources are not required to schedule or Bid the expected Energy output of participating wind and solar Intermittent Power Resources ~~and~~or Limited Control Run-of-River Hydro Resources, but they are required to notify the ISO if any of those resources are subject to an outage ~~that participate as part of a Hybrid Storage Resources required to~~ .