

## Attachment X

## 2.5 Definitions - E

**East of Central-East:** An electrical area comprised of Load Zones F, G, H, I, J, and K, as identified in the ISO Procedures.

**East of Central-East Excluding Long Island:** An electrical area comprised of Load Zones F, G, H, I, and J, as identified in the ISO Procedures.

**East of Central-East Excluding New York City and Long Island:** An electrical area comprised of Load Zones F, G, H, and I, as identified in the ISO Procedures.

**Economic Operating Point:** The megawatt quantity which is a function of: i) the real-time LBMP at the Resource bus; and ii) the Supplier's real-time eleven constant cost step Energy Bid, for the Resource, such that (a) the offer price associated with Energy offers below that megawatt quantity (if that megawatt quantity is not that Resource's minimum output level) must be less than or equal to the real-time LBMP at the Resource bus, and (b) the offer price associated with Energy offers above that megawatt quantity (if that megawatt quantity is not that Resource's maximum output level) must be greater than or equal to the real-time LBMP at the Resource bus. In cases where multiple megawatt values meet conditions (a) and (b), the Economic Operating Point is the megawatt value meeting these conditions that is closest to the Resource's real-time scheduled Energy provided. In cases where the Economic Operating Point would be less than the minimum output level, the Economic Operating Point will be set equal to the MW value of the first point on the Energy Bid curve and in cases where the Economic Operating Point would be greater than the maximum output level, the Economic Operating Point will be set equal to the MW value of the last point on the Energy Bid curve. When evaluating the Economic Operating Point of a BTM:NG Resource, only Energy offers corresponding to quantities in excess of its Host Load will be considered.

**Emergency:** Any abnormal system condition that requires immediate automatic or manual action to prevent or limit loss of transmission facilities or Generators that could adversely affect the reliability of an electric system.

**Emergency Demand Response Program ("EDRP"):** A program pursuant to which the ISO makes payments to Curtailment Service Providers that voluntarily take effective steps in real time, pursuant to ISO procedures, to reduce NYCA demand in Emergency conditions.

**Emergency State:** The state that the NYS Power System is in when an abnormal condition occurs that requires automatic or immediate, manual action to prevent or limit loss of the NYS Transmission System or Generators that could adversely affect the reliability of the NYS Power System.

**Emergency Upper Operating Limit (UOL<sub>E</sub>):** The upper operating limit that a Generator or an Aggregation, except for the Generator of a BTM:NG Resource, indicates it expects to be able to reach, or the upper operating limit that a BTM:NG Resource indicates it expects to be able to inject into the grid after serving its Host Load and subject to its Injection Limit, or the maximum amount of demand that a Demand Side Resource expects to be able to reduce, at the request of

the ISO during extraordinary conditions. Each Resource shall specify a  $UOL_E$  in its bids that shall be equal to or greater than its stated Normal Upper Operating Limit.

**Energy (“MWh”):** A quantity of electricity that is bid, produced, purchased, consumed, sold, or transmitted over a period of time, and measured or calculated in megawatt hours. Demand Reductions by Demand Side Resources and Distributed Energy Resources are considered Energy.

**Energy and Ancillary Services Component:** A component of the Operating Requirement, calculated in accordance with Section 26.4.2 of Attachment K to this Services Tariff.

**Energy Duration Limitation:** for a Resource that is not capable of providing Energy for twenty-four hours each day, the number of consecutive hours per day that a Resource elects and is obligated, pursuant to Services Tariff Sections 5.12.1 and 5.12.7, to (i) schedule a Bilateral Transaction; (ii) Bid Energy in the Day-Ahead Market; or (iii) notify the ISO of any outages in the Day-Ahead Market as an Installed Capacity Supplier for the ICAP Equivalent of UCAP sold, as identified in Section 5.12.14 of the ISO Services Tariff.

**Energy Level:** The amount of Energy stored in an Energy Storage Resource or in an Aggregation comprised entirely of Energy Storage Resources.

**Energy Level Management:** The method by which an Energy Storage Resource or Aggregation comprised entirely of Energy Storage Resources controls the amount of Energy stored in the Resource(s). Energy Storage Resources and Aggregations comprised entirely of Energy Storage Resources may choose to be Self-Managed or ISO-Managed in their Bid.

**Energy Limited Resource:** Capacity resources, not including BTM:NG Resources, that, due to environmental restrictions on operations, cyclical requirements, such as the need to recharge or refill, or other non-economic reasons, are unable to operate continuously on a daily basis, but are able to operate for at least four consecutive hours each day. Energy Limited Resources must register their Energy limiting characteristics with, and justify them to, the ISO consistent with ISO Procedures. Resources that meet the qualifications to be an Energy Limited Resource, and choose to participate in the wholesale market as an Energy Limited Resource, are not subject to the rules applicable to Energy Storage Resources.

**Energy Storage Resource (“ESR”):** Generators that receive Energy from the grid at a specified location, and are capable of storing that Energy, for later injection back onto the grid at the same location. Resources that cannot inject Energy onto the grid cannot be Energy Storage Resources. In order to qualify for wholesale market participation, Energy Storage Resources must be able to inject at a rate of at least 0.1 MW for a period of at least one hour, except that Energy Storage Resources operating as part of an Aggregation need only be able to inject at a rate of at least 0.01 MW for a period of at least one hour. Energy Storage Resources are Withdrawal-Eligible Generators.

**Equivalent Demand Forced Outage Rate:** The portion of time a unit is in demand, but is unavailable due to forced outages.

**Equivalency Rating:** A rating determined by the ISO, at a Customer's request, based on the ISO's financial evaluation of an Unrated Customer that shall serve as the starting point of the ISO's determination of an amount of Unsecured Credit to be granted to the Customer, if any, as provided in Table K-1 of Attachment K to this Services Tariff.

**ETA Agent:** As defined in the ISO OATT.

**ETCNL TCC:** As defined in the ISO OATT.

**Excess Amount:** The difference, if any, between the dollar amounts charged to purchasers of Unforced Capacity in an ISO-administered Unforced Capacity auction and the dollar amounts paid to sellers of Unforced Capacity in that ISO-administered Installed Capacity auction.

**Excess Congestion Rents:** As defined in the ISO OATT.

**Existing Transmission Capacity for Native Load ("ETCNL"):** As defined in the ISO OATT.

**Existing Transmission Agreement ("ETA"):** As defined in the ISO OATT.

**Expected EDRP/SCR MW:** The aggregate Load reduction (in MW) expected to be realized from EDRP and/or SCRs during the real-time intervals that the ISO has called upon EDRP and/or SCRs to provide Load reduction in a Scarcity Reserve Region, as determined based on the ISO's calculation of the historical performance of EDRP and SCRs. There will be separate values for voluntary and mandatory Load reductions. When determining the historical performance of SCRs, provision of Load reduction shall be deemed mandatory if the ISO has satisfied the notification requirements set forth in Section 5.12.11.1 of this ISO Services Tariff as it relates to the SCRs in the applicable Load Zone, otherwise provision of such Load reduction shall be deemed voluntary. When determining the historical performance of the EDRP, provision of Load reduction by EDRP shall be deemed voluntary.

**Expected Load Reduction:** For purposes of determining the Real-Time Locational Based Marginal Price, the reduction in Load expected to be realized in real-time from activation of the Emergency Demand Response Program and from Load reductions requested from Special Case Resources, as established pursuant to ISO Procedures.

**Expedited Dispute Resolution Procedures:** The dispute resolution procedures applicable to disputes arising out of the Installed Capacity provisions of this ISO Services Tariff (as set forth in Section 5.17) and the Customer settlements provisions of this ISO Services Tariff (as set forth in Section 7.4.3).

**Export:** A Bilateral Transaction or purchase from the LBMP Market where the Energy is delivered to an NYCA Interconnection with another Control Area.

**Export Credit Requirement:** A component of the External Transaction Component of the Operating Requirement, calculated in accordance with Section 26.4.2 of Attachment K to this Services Tariff.

**External:** An entity (*e.g.*, Supplier, Transmission Customer) or facility (*e.g.*, Generator, Interface) located outside the Control Area being referenced or between two or more Control Areas. Where a specific Control Area is not referenced, the NYCA is the intended reference.

**External-to-ROS Deliverability Rights (“EDRs”):** Rights, as measured in MW, associated with incremental transfer capability (i) on a new or existing Scheduled Line over an External Interface, with a terminus in Rest of State, and (ii) that has CRIS obtained pursuant to Attachment S or HH of the OATT. When combined with qualified Unforced Capacity which is located in an External Control Area either by contract or ownership, and which is deliverable to the NYCA Interface with Rest of State over which it created the incremental transfer capability, EDRs allow such Unforced Capacity to be offered into the ISO-Administered Market.

**External Transaction Component:** A component of the Operating Requirement, calculated in accordance with Section 26.4.2 of Attachment K to this Services Tariff.

**External Transactions:** Purchases, sales or exchanges of Energy, Capacity or Ancillary Services for which either the Point of Injection (“POI”) or Point of Withdrawal (“POW”) or both are located outside the NYCA (*i.e.*, Exports, Imports or Wheels Through).

## 2.12 Definitions - L

**LBMP Market(s):** The Real-Time Market or the Day-Ahead Market or both.

**Limited Control Run-of-River Hydro Resource:** A Generator above 1 MW in size that has demonstrated to the satisfaction of the ISO that its Energy production depends directly on river flows over which it has limited control and that such dependence precludes accurate prediction of the facility's real-time output.

**Limited Customer:** An entity that is not a Customer but which qualifies to participate in the ISO's Emergency Demand Response Program by complying with Limited Customer requirements set forth in the ISO Procedures.

**Limited Energy Storage Resource ("LESR"):** A Generator authorized to offer Regulation Service only and characterized by limited Energy storage, that is, the inability to sustain continuous operation at maximum Energy withdrawal or maximum Energy injection for a minimum period of one hour. LESRs must bid as ISO-Committed Flexible Resources.

**Limited Energy Storage Resource ("LESR") Energy Management:** Real-time Energy injections or withdrawals scheduled by the ISO to manage the Energy storage capacity of a Limited Energy Storage Resource, pursuant to ISO Procedures, for the purpose of maximizing the Capacity bid as available for Regulation Service from such Resource.

**Linden VFT Scheduled Line:** A transmission facility that interconnects the NYCA to the PJM Interconnection, L.L.C. Control Area in Linden, New Jersey.

**LIPA Tax Exempt Bonds:** Obligations issued by the Long Island Power Authority, the interest on which is not included in gross income under the Internal Revenue Code.

**Load:** A term that refers to either a consumer of Energy or the amount of demand (MW) or Energy (MWh) consumed by certain consumers. Energy withdrawals by Withdrawal-Eligible Generators are not Load.

**Load Serving Entity ("LSE"):** Any entity, including a municipal electric system and an electric cooperative, authorized or required by law, regulatory authorization or requirement, agreement, or contractual obligation to supply Energy, Capacity and/or Ancillary Services to retail customers located within the NYCA, including an entity that takes service directly from the ISO to supply its own Load in the NYCA.

**Load Shedding:** The systematic reduction of system demand by disconnecting Load in response to a Transmission System or area Capacity shortage, system instability, or voltage control considerations under the ISO OATT.

**Load Zone:** One (1) of eleven (11) geographical areas located within the NYCA that is bounded by one (1) or more of the fourteen (14) New York State Interfaces.

**Local Furnishing Bonds:** Tax-exempt bonds issued by a Transmission Owner under an agreement between the Transmission Owner and the New York State Energy Research and Development Authority (“NYSERDA”), or its successor, or by a Transmission Owner itself, and pursuant to Section 142(f) of the Internal Revenue Code, 26 U.S.C. § 142(f).

**Local Generator:** A resource operated by or on behalf of a Load that is either: (i) not synchronized to a local distribution system; or (ii) synchronized to a local distribution system solely in order to support a Load that is equal to or in excess of the resource’s Capacity. Local Generators supply Energy only to the Load they are being operated to serve and do not supply Energy to the distribution system.

**Locality:** A single LBMP Load Zone or set of adjacent LBMP Load Zones within which a minimum level of Installed Capacity must be maintained, and as specifically identified in this subsection to mean (1) Load Zone J; (2) Load Zone K; and (3) Load Zones G, H, I, and J collectively (*i.e.*, the G-J Locality).

**Locality Exchange Factor:** The percentage of Locational Export Capacity that the ISO determines annually in accordance with Section 5.11.6 of the Services Tariff.

**Locality Exchange MW:** The MW of Locational Export Capacity excluding the MW to be transmitted using UDRs, that the ISO determines in accordance with Section 5.11.5 of the Services Tariff.

**Local Reliability Rule:** A Reliability Rule established by a Transmission Owner, and adopted by the NYSRC, to meet specific reliability concerns in limited areas of the NYCA, including without limitation, special conditions and requirements applicable to nuclear plants and special requirements applicable to the New York City metropolitan area.

**Locational Based Marginal Pricing (“LBMP”):** The price of Energy at each location in the NYS Transmission System as calculated pursuant to Section 17 Attachment B of this Services Tariff.

**Locational Export Capacity:** The MW of a Generator electrically located in an Import Constrained Locality that (a) has Capacity Resource Interconnection Service, pursuant to the applicable provisions of Attachments X, ~~Attachment-S~~, ~~and Attachment-Z~~, or HH to the ISO OATT, and (b) that meets the eligibility requirements set forth in Section 5.9.2.2 of the Services Tariff.

**Locational Minimum Installed Capacity Requirement:** The portion of the NYCA Minimum Installed Capacity Requirement provided by Capacity Resources that must be electrically located within a Locality (including those combined with a Unforced Capacity Deliverability Right except for rights returned in an annual election to the ISO in accordance with ISO Procedures) in order to ensure that sufficient Energy and Capacity are available in that Locality and that appropriate reliability criteria are met.

**Locational Minimum Unforced Capacity Requirement:** The Unforced Capacity equivalent of the Locational Minimum Installed Capacity Requirement.

**Long Island (“L.I.”):** An electrical area comprised of Load Zone K, as identified in the ISO Procedures.

**Lost Opportunity Cost:** The foregone profit associated with the provision of Ancillary Services, which is equal to the product of: (1) the difference between (a) the Energy that a Generator or Aggregation could have sold at the specific LBMP and (b) the Energy sold as a result of reducing the Generator or Aggregation’s output to provide an Ancillary Service under the directions of the ISO; and (2) the LBMP existing at the time the Generator or Aggregation was instructed to provide the Ancillary Service, less the Generator or Aggregation’s Energy bid for the same MW segment.

**Lower Operating Limit:** For an Energy Storage Resource or Aggregation containing Energy Storage Resources, the maximum amount of megawatts the Resource can consume from the grid, if it is bidding to withdraw Energy, or the minimum amount of MW the Resource can supply the grid if it is not bidding to withdraw Energy. The Lower Operating Limit of an ISO-Managed Energy Storage Resource that is not bidding to withdraw Energy shall not be set to less than 0 MW.

**Lower Storage Limit:** The minimum amount of Energy an Energy Storage Resource or Aggregation comprised entirely of Energy Storage Resources is physically capable of storing.

**LSE Unforced Capacity Obligation:** The amount of Unforced Capacity that each NYCA LSE must obtain for an Obligation Procurement Period as determined by the ICAP Demand Curve for the NYCA, the G-J Locality, New York City Locality, and/or the Long Island Locality, as applicable, for each ICAP Spot Market Auction. The amount includes, at a minimum, each LSE’s share of the NYCA Minimum Unforced Capacity Requirement and the Locational Minimum Unforced Capacity Requirement, as applicable.



## **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 or be part of an Aggregation that is qualified as an Installed Capacity Supplier, Generators, controllable transmission projects electrically located in the NYCA, transmission projects with associated incremental transfer capability, and Distributed Energy Resources that have the ability to inject Energy must have obtained Capacity Resource Interconnection Service (“CRIS”) pursuant to the applicable provisions of Attachments S or HH 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 Co-located Storage Resources must each, independently, obtain CRIS in order to qualify as Installed Capacity Suppliers. Even if a Resource has otherwise satisfied the requirements to participate in the ISO’s Installed Capacity market, a Resource 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 Resource 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 may only participate in the Installed Capacity market as a Behind-the-Meter Net Generation Resource. In order to participate as part of an Aggregation or as an Energy Storage Resource, such a resource may not participate with the Behind-the-Meter Net Generation configuration. Generators that are 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, as appropriate.

In addition, to qualify as an Installed Capacity Supplier in the NYCA, Energy Limited Resources, Generators, Installed Capacity Marketers, Intermittent Power Resources, Behind-the-Meter Net Generation Resources, Limited Control Run-of-River Hydro 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 third to last paragraph of Section 5.12.1 below, Responsible Interface Parties, 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, Aggregations with a capacity rating of 0.1 MW or greater, and Energy Storage Resources with a nameplate capacity rating that allows a minimum injection to the NYS Transmission System or distribution system of 0.1 MW or greater shall:

- 5.12.1.1        provide information reasonably requested by the ISO including the name and location of Resources, and System Resources;
- 5.12.1.2        in accordance with the ISO Procedures, perform DMNC or DMGC tests and submit the results to the ISO, or provide to the ISO appropriate historical production data;
- 5.12.1.3        abide by the ISO Generator maintenance coordination procedures;
- 5.12.1.4        provide the expected return date from any outages (including partial outages) to the ISO;
- 5.12.1.5        in accordance with the ISO Procedures,

- 5.12.1.5.1 provide documentation demonstrating that it will not use the same  
Unforced Capacity for more than one (1) buyer at the same time, and
- 5.12.1.5.2 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.
- 5.12.1.6 except for Installed Capacity Marketers and Intermittent Power Resources  
that depend upon wind or solar as their fuel or Aggregations that are comprised of  
Intermittent Power Resources that depend on the same type of fuel, with that fuel  
being wind or solar, Bid into the Day-Ahead Market, unless the Energy Limited  
Resource, Generator, Aggregation, Limited Control Run-of-River Hydro  
Resource 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. Resources 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 Resource to exceed its upper operating limit are described in the ISO  
Procedures;
- 5.12.1.6.1 Co-located Storage Resources must each submit a CSR injection  
Scheduling Limit and a CSR withdrawal Scheduling Limit for each hour of the  
Day-Ahead Market consistent with Section 5.12.7.1 below;
- 5.12.1.7 provide Operating Data in accordance with Section 5.12.5 of this Tariff;
- 5.12.1.8 provide ~~notice~~ to the ISO ~~of regarding~~ any proposed transfers of  
deliverability rights to be carried out pursuant to Sections ~~25.9.4 – 25.9.6~~ 40.18.3 –

40.18.5 of Attachment ~~S-HH~~ to the ISO OATT: ~~(i), on the Class Year Start Date~~ if a request to transfer CRIS at a different location, notice of submission of an Interconnection Request or CRIS-Only Request to transfer CRIS, and ~~(ii) upon the submission of the request~~ if it is a request to transfer CRIS at the same location, notice of submission of the request.

5.12.1.9            comply with the ISO Procedures;

5.12.1.10          when the ISO issues a Supplemental Resource Evaluation request (an SRE), NYCA Resources must Bid into the in-day market unless (and only to the extent) 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.

If an External Installed Capacity Supplier is a Generator, or if an External Generator is associated with an Unforced Capacity sale using UDRs or EDRs, then except to the extent such a Generator is unable to Bid in response to the SRE request due to an outage as defined in the ISO Procedures, due to physical operating limitations affecting the Generator, or due to other operational issues that are outside the Installed Capacity Supplier's control, as determined by the ISO, it must take all of the following actions for each hour of an SRE request

(a) Bid an Import to the NYCA in a MW quantity equal to the lesser of (i) the ICAP equivalent of the UCAP sold, or (ii) the maximum MW the Generator is able to produce, at the approved Proxy Generator Bus, at the applicable minimum Bid Price, and (b) ensure that the External Generator is operating and is available

to provide all of the MW that were Bid to be imported into the NYCA, up to the ICAP equivalent of the UCAP sold, for the entire duration of the SRE request, and (c) obtain all reservations and transmission service necessary to deliver all of the MW that were Bid to be imported into the NYCA or to a Locality from the Generator, up to the ICAP equivalent of the UCAP sold from the External Generator, at the approved Proxy Generator Bus.

If the External Installed Capacity Supplier that is a Generator, or the External Generator associated with an Unforced Capacity sale using UDRs or EDRs, is not able to Import the quantity of Energy equal to the ICAP equivalent of the UCAP sold from the Generator or EDR to the NYCA, or if a UDR to the Locality, for every hour of an SRE request then, except to the extent already addressed by a declared outage, the Generator shall provide to the ISO an explanation of the reasons for its failure or inability to perform, including evidence demonstrating any physical operating limitations or other operational issues that prevented the Generator from Importing the quantity of Energy equal to the ICAP equivalent of the UCAP sold from the Generator to the NYCA. To the extent the ISO determines that the information and supporting evidence provided demonstrates that the failure or inability to deliver occurred for reasons outside the control of the External Installed Capacity Supplier or the External Generator associated with an Unforced Capacity sale using UDRs or EDRs, then the deficiency charge set forth in Section 5.12.12.2 below that applies solely to violations of this Section 5.12.1.10, shall not be assessed.

If an External Installed Capacity Supplier is a Control Area System Resource then, except to the extent it is unable to Bid in response to the SRE request due to an outage as defined in the ISO Procedures or due to operational issues that are outside the Installed Capacity Supplier's control, it must take all of the following actions for each hour of an SRE request (x) Bid an Import in a MW quantity equal to the ICAP equivalent of the UCAP sold, at the approved Proxy Generator Bus, at the applicable minimum Bid Price, and (y) obtain all reservations and transmission service necessary to deliver the ICAP equivalent of the UCAP sold from the Control Area System Resource to the NYCA at the approved Proxy Generator Bus.

If the External Installed Capacity Supplier that is a Control Area System Resource is not able to Import the quantity of Energy equal to the ICAP equivalent of the UCAP sold from the Control Area System Resource to the NYCA for every hour of an SRE request then, except to the extent already addressed by a declared outage, the External Installed Capacity Supplier shall provide to the ISO an explanation of the reasons for its failure or inability to perform, including evidence demonstrating any operational issues that prevented the External ICAP Supplier from Importing the quantity of Energy equal to the ICAP equivalent of the UCAP sold from the Control Area System Resource to the NYCA. To the extent the ISO determines that the information and supporting evidence provided demonstrates that the failure or inability to deliver occurred for reasons outside the External Installed Capacity Supplier's control, then the deficiency charge set forth in Section 5.12.12.2 below that applies solely to

violations of this Section 5.12.1.10, shall not be assessed. A Control Area System Resource must demonstrate that transmission outage(s) prevented delivery of all available Resources in order for the ISO to determine that the Control Area System Resource's failure to Import the quantity of Energy equal to the ICAP equivalent of the UCAP sold occurred for a reason that was outside the External Installed Capacity Supplier's control.

When an External Installed Capacity Supplier that is responding to an ISO SRE request Bids its Import at a Non-Competitive Proxy Generator Bus, its obligation to Bid an Import at the applicable minimum Bid Price includes the obligation to ensure that neither the External Installed Capacity Supplier nor any of its Affiliates are offering other Imports at an equivalent or greater economic priority at the Non-Competitive Proxy Generator Bus.

5.12.1.11 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 or Aggregation is unable to meet its commitment because of an outage as defined in the ISO Procedures), except for the Resources described in Subsections 5.12.1.11.1, 5.12.1.11.2 and 5.12.1.11.3 below;

5.12.1.11.1 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;

5.12.1.11.2 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 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 533 MW of such units; and

5.12.1.11.3 Resources 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;

5.12.1.12 A Resource that was determined by the ISO to be qualified as a Behind-the-Meter Net Generation Resource and for which Net Unforced Capacity was calculated by the ISO for a Capability Year can annually, by written notice received by the NYISO prior to August 1, elect not to participate in the ISO Administered Markets as a Behind-the-Meter Net Generation Resource. Such notice shall be in accordance with ISO Procedures. A Resource that makes such an election cannot participate as a Behind-the-Meter Net Generation Resource for the entire Capability Year for which it made the election, but can, however, prior to August 1 of any subsequent Capability Year, provide all required information in order to seek to re-qualify as a Behind-the-Meter Net Generation Resource.



5.12.1.13 An Energy Storage Resource, or Aggregations comprised entirely of Energy Storage Resources, may de-rate its maximum capability in order to meet the applicable Services Tariff Section 5.12.14 run-time requirement. ESRs electing to de-rate their maximum capability shall perform a DMNC test at an output level consistent with its de-rated capability in accordance with Services Tariff Section 5.12.14 and ISO Procedures (*see*, Installed Capacity Manual § 4).

5.12.1.14 Energy Limited Resources, Energy Storage Resources, Aggregations comprised entirely of Energy Storage Resources, DER Aggregations, and Aggregations that are Energy Limited Resources must elect an Energy Duration Limitation that corresponds to a Duration Adjustment Factor, as described in Section 5.12.14 below, and validate the Energy Duration Limitation pursuant to Section 5.12.1.2 above. An Installed Capacity Supplier may elect any Energy Duration Limitation that it can demonstrate pursuant to Section 5.12.1.2.

The ISO shall inform each potential Installed Capacity Supplier that the ISO must receive and approve DMNC or DMGC data, as applicable of its approved DMNC or DMGC 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.

External Installed Capacity not associated with UDRs, including capacity associated with External CRIS Rights, EDRs, Grandfathered External Installed Capacity Agreements listed in

Attachment E of the ISO Installed Capacity Manual, the Existing Transmission Capacity for Native Load listed for New York State Electric & Gas Corporation in Table 3 of Attachment L to the ISO OATT, Import Rights, and External System Resources, is only qualified to satisfy a NYCA Minimum Unforced Capacity Requirement and is not eligible to satisfy a Locational Minimum Installed Capacity Requirement.

Not later than 30 days prior to each ICAP Spot Market Auction, each Market Participant that may make offers to sell Unforced Capacity in such auction shall submit information to the ISO, in accordance with ISO Procedures and in the format specified by the ISO that identifies each Affiliated Entity, as that term is defined in Section 23.2.1 of Attachment H of the Services Tariff, of the Market Party or with which the Market Party is an Affiliated Entity. The names of entities that are Affiliated Entities shall not be treated as Confidential Information, but such treatment may be requested for the existence of an Affiliated Entity relationship. The information submitted to the ISO shall identify the nature of the Affiliated Entity relationship by the applicable category specified in the definition of “Affiliated Entity” in Section 23.2.1 of Attachment H of the Services Tariff.

#### **5.12.2 Additional Provisions Applicable to External Installed Capacity Suppliers**

Terms in this Section 5.12.2 not defined in the Services Tariff have the meaning set forth in the OATT.

##### **5.12.2.1 Provisions Addressing the Applicable External Control Area**

External Generators, External System Resources, and Control Area System Resources qualify as Installed Capacity Suppliers if they demonstrate to the satisfaction of the NYISO that the Installed Capacity Equivalent of their Unforced Capacity is deliverable to the NYCA; in the case of an entity using a UDR to meet a Locational Minimum Installed Capacity Requirement, to

the NYCA interface associated with that UDR transmission facility and will not be recalled or curtailed by an External Control Area to satisfy its own Control Area Loads; in the case of an EDR, to the NYCA interface over which it creates increased transfer capability; and in the case of Control Area System Resources, if they demonstrate that the External Control Area will afford the NYCA Load the same curtailment priority that they afford their own Control Area Native Load Customers. The amount of Unforced Capacity that may be supplied by such entities qualifying pursuant to the alternative criteria may be reduced by the ISO, pursuant to ISO Procedures, to reflect the possibility of curtailment. External Installed Capacity associated with Import Rights, EDRs or UDRs is subject to the same deliverability requirements applied to Internal Installed Capacity Suppliers associated with UDRs.

#### **5.12.2.2 Additional Provisions Addressing Internal Deliverability and Import Rights**

In addition to the provisions contained in Section 5.12.2.1 above, External Installed Capacity not associated with UDRs, EDRs, or External CRIS Rights will be subject to the deliverability test in Section ~~40.13.8 and 40.13.9~~<sup>25.7.8 and 25.7.9</sup> of Attachment ~~S-HH~~ to the ISO OATT. The deliverability of External Installed Capacity not associated with UDRs, EDRs, or External CRIS Rights will be evaluated annually as a part of the process that sets import rights for the upcoming Capability Year, to determine the amount of External Installed Capacity that can be imported to the New York Control Area across any individual External Interface and across all of those External Interfaces, taken together. The External Installed Capacity deliverability test will be performed using the ISO's forecast, for the upcoming Capability Year, of New York Control Area CRIS resources, transmission facilities, and load. Under this process (i) Grandfathered External Installed Capacity Agreements listed in Attachment E of the ISO Installed Capacity Manual, and (ii) the Existing Transmission Capacity for Native Load listed for

New York State Electric & Gas Corporation in Table 3 of Attachment L to the ISO OATT, will be considered deliverable within the Rest of State. Additionally, 1090 MW of imports made over the Quebec (via Chateauguay) Interface will be considered to be deliverable until the end of the 2010 Summer Capability Period.

The import limit set for External Installed Capacity not associated with UDRs, EDRs or External CRIS Rights will be set no higher than the amount of imports deliverable into Rest of State that (i) would not increase the LOLE as determined in the upcoming Capability Year IRM consistent with Section 2.7 of the NYISO Installed Capacity Manual, “Limitations on Unforced Capacity Flow in External Control Areas,” (ii) are deliverable within the Rest of State Capacity Region when evaluated with the New York Control Area CRIS resources (including EDRs and UDRs) and External CRIS Rights forecast for the upcoming Capability Year, and (iii) would not degrade the transfer capability of any Other Interface by more than the threshold identified in Section ~~40.13.925.7.9~~ of Attachment ~~HHS~~ to the ISO OATT. Import limits set for External Installed Capacity will reflect the modeling of awarded External CRIS rights, but the awarded External CRIS rights will not be adjusted as part of import limit-setting process. Procedures for qualifying selling, and delivery of External Installed Capacity are detailed in the Installed Capacity Manual.

Until the grandfathered import rights over the Quebec (via Chateauguay) Interface expire at the end of the 2010 Summer Capability Period, the 1090 MW of grandfathered import rights will be made available on a first-come, first-served basis pursuant to ISO Procedures. Any of the grandfathered import rights over the Quebec (via Chateauguay) Interface not utilized for a Capability Period will be made available to other external resources for that Capability Period, pursuant to ISO Procedures, to the extent the unutilized amount is determined to be deliverable.

Additionally, any of the Existing Transmission Capacity for Native Load listed for New York State Electric & Gas Corporation not utilized by New York State Electric & Gas Corporation for a Capability Period will be made available to other external resources for that Capability Period, pursuant to ISO procedures, to the extent the unutilized amount is determined to be deliverable within the Rest of State Capacity Region.

LSEs with External Installed Capacity as of the effective date of this Tariff will be entitled to designate External Installed Capacity at the same NYCA Interface with another Control Area, in the same amounts in effect on the effective date of this Tariff. To the extent such External Installed Capacity corresponds to Existing Transmission Capacity for Native Load as reflected in Table 3 of Attachment L to the ISO OATT, these External Installed Capacity rights will continue without term and shall be allocated to the LSE's retail access customers in accordance with the LSE's retail access program on file with the PSC and subject to any necessary filings with the Commission. External Installed Capacity rights existing as of September 17, 1999 that do not correspond to Table 3 of Attachment L to the ISO OATT shall survive for the term of the relevant External Installed Capacity contract or until the relevant External Generator is retired.

#### **5.12.2.3 One-Time Conversion of Grandfathered Quebec (via Chateauguay) Interface Rights.**

An entity can request to convert a specified number of MW, up to 1090 MW over the Quebec External Interface (via Chateauguay), into External CRIS Rights by making either a Contract Commitment or Non-Contract Commitment that satisfies the requirements of Section ~~40.13.11.125.7.11.1~~ of Attachment ~~HHS~~ to the ISO OATT. The converted number of MW will not be subject to further evaluation for deliverability within a ~~Cluster Study~~ ~~Class Year~~

Deliverability Study under Attachment ~~HHS~~ to the ISO OATT, as long as the External CRIS Rights are in effect.

5.12.2.3.1 The External CRIS Rights awarded under this conversion process will first become effective for the 2010-2011 Winter Capability Period.

5.12.2.3.2 Requests to convert these grandfathered rights must be received by the NYISO on or before 5:00 pm Eastern Time on February 1, 2010, with the following information: (a) a statement that the entity is electing to convert by satisfying the requirements of a Contract Commitment or a Non-Contract Commitment in accordance with Section ~~40.13.11.125.7.11.1~~ of Attachment ~~HHS~~ to the ISO OATT; (b) the length of the commitment in years; (c) for the Summer Capability Period, the requested number of MW; (d) for the Winter Capability Period, the Specified Winter Months, if any, and the requested number of MW; and (e) a minimum number of MW the entity will accept if granted (“Specified Minimum”) for the Summer Capability Period and for all Specified Winter Months, if any.

5.12.2.3.3 An entity cannot submit one or more requests to convert in the aggregate more than 1090 MW in any single month.

5.12.2.3.4 If requests to convert that satisfy all other requirements stated herein are equal to or less than the 1090 MW limit, all requesting entities will be awarded the requested number of MW of External CRIS Rights. If conversion requests exceed the 1090 MW limit, the NYISO will prorate the allocation based on the weighted average of the requested MW times the length of the

contract/commitment (*i.e.*, number of Summer Capability Periods) in accordance with the following formula:

$$\begin{aligned} & \text{Rights allocated to entity } i \\ &= 1090 \\ & \quad * (MW_i * \text{contract/commitment length}_i) \\ & \quad / \sum_j (MW_j * \text{contract/commitment length}_j) \end{aligned}$$

$j = 1, \dots, \#$  entities requesting import rights

In the formula, contract/commitment length means the lesser of the requested contract/commitment length and twenty (20) years. The NYISO will perform separate calculations for the Summer and Winter Capability Periods. The NYISO will determine whether the prorated allocated number of MW for any requesting entity is less than the entity's Specified Minimum. If any allocation is less, the NYISO will remove such request(s) and recalculate the prorated allocations among the remaining requesting entities using the above formula. This process will continue until the prorated allocation meets or exceeds the specified minimum for all remaining requests.

5.12.2.3.5 Any portion of the previously grandfathered 1090 MW not converted through this process will no longer be grandfathered from deliverability.

Previously grandfathered rights converted to External CRIS Rights but then terminated will no longer be grandfathered from deliverability.

#### **5.12.2.4 Offer Cap Applicable to Certain External CRIS Rights**

Notwithstanding any other capacity mitigation measures or obligations that may apply, the offers of External Installed Capacity submitted pursuant to a Non-Contract Commitment, as described in Section ~~40.13.11.1.2~~~~25.7.11.1.2~~ of Attachment ~~HHS~~ of the ISO OATT, will be

subject to an offer cap in each month of the Summer Capability Period and for all Specified Winter Months. This offer cap will be determined as the higher of:

5.12.2.4.1 1.1 times the price corresponding to all available Unforced Capacity determined from the NYCA ICAP Demand Curve for that Period; and

5.12.2.4.2 The most recent auction clearing price (a) in the External market supplying the External Installed Capacity, if any, and if none, then the most recent auction clearing price in an External market to which the capacity may be wheeled, less (b) any transmission reservation costs in the External market associated with providing the Installed Capacity, in accordance with ISO Procedures.

### **5.12.3 Installed Capacity Supplier Outage Scheduling Requirements**

All Installed Capacity Suppliers, except for Control Area System Resources and Responsible Interface Parties, that intend to supply Unforced Capacity to the NYCA shall submit a confidential notification to the ISO of their proposed outage schedules in accordance with the ISO Procedures. Transmission Owners will be notified of these and subsequently revised outage schedules. Based upon a reliability assessment, if Operating Reserve deficiencies are projected to occur in certain weeks for the upcoming calendar year, the ISO will request voluntary rescheduling of outages. In the case of Installed Capacity Suppliers actually supplying Unforced Capacity to the NYCA, if voluntary rescheduling is ineffective, the ISO will invoke forced rescheduling of their outages to ensure that projected Operating Reserves over the upcoming year are adequate.

An Installed Capacity Supplier that refuses a forced rescheduling of its outages for any unit shall be prevented from supplying Unforced Capacity in the NYCA with that unit during



any month where it undertakes such outages. The rescheduling process is described in the ISO Procedures.

An Installed Capacity Supplier that intends to supply Unforced Capacity in a given month that did not qualify as an Installed Capacity Supplier prior to the beginning of the Capability Period must notify the ISO in accordance with the ISO Procedures so that it may be subject to forced rescheduling of its proposed outages in order to qualify as an Installed Capacity Supplier. A Resource that refuses the ISO'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.

Outage schedules for External System Resources and Control Area System Resources shall be coordinated by the External Control Area and the ISO in accordance with the ISO Procedures.

#### **5.12.4 Required Certification for Installed Capacity**

- (a) Each Installed Capacity Supplier must confirm to the ISO, in accordance with ISO Procedures that the Unforced Capacity it has certified has not been sold for use in an External Control Area.
- (b) Each Installed Capacity Supplier holding rights to UDRs or EDRs from an External Control Area must confirm to the ISO, in accordance with ISO Procedures, that it will not use as self-supply or offer, and has not sold, Installed Capacity associated with the quantity of MW for which it has not made its one time capability adjustment year election pursuant to Section 5.11.4 (if applicable.)
- (c) On and after the execution of an RMR Agreement, and for the duration of its term, an RMR Generator shall not enter into any new agreement or extend any

other agreement that impairs or otherwise diminishes its ability to comply with its obligation under an RMR Agreement, or that limits its ability to provide Energy, Capacity, or Ancillary Services directly to the ISO Administered Markets. An Interim Service Provider that is required to keep its generating unit(s) in service shall not enter into any new agreement or extend any other agreement that limits its ability to provide Energy, Capacity, or Ancillary Services directly to the ISO Administered Markets or otherwise meet its obligations as an Interim Service Provider.

#### **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 may be subject to the sanctions provided in Section 5.12.12.1 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.

##### **5.12.5.1 Generators, System Resources, Energy Limited Resources, Energy Storage Resources, Responsible Interface Parties, Intermittent Power Resources, Limited Control Run-of-River Hydro Resources Municipally Owned Generation and Distributed Energy Resources**

To qualify as Installed Capacity Suppliers in the NYCA, Generators, External Generators, System Resources, External System Resources, Energy Limited Resources, Responsible Interface Parties, Intermittent Power Resources, Limited Control Run-of-River Hydro Resources, Energy Storage Resources, and municipally owned generation and Distributed

Energy Resources or the purchasers of Unforced Capacity associated with those Resources shall submit GADS Data, data equivalent to GADS Data, and/or other Operating Data to the ISO 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 unit was available at its base load capability in accordance with the ISO Procedures. This section shall also apply to any Installed Capacity Supplier, External or Internal, using UDRs to meet Locational Minimum Installed Capacity Requirements.

#### **5.12.5.2 Control Area System Resources**

To qualify as Installed Capacity Suppliers in the NYCA, Control Area System Resources, or the purchasers of Unforced Capacity associated with those Resources, shall submit CARL Data and actual system failure occurrences data to the ISO each month in accordance with the ISO Procedures.

#### **5.12.5.3 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.

#### **5.12.5.4 Transmission Projects Granted External-to ROS Deliverability Rights**

An owner of a transmission project that receives EDRs must, among other obligations, submit outage data or other operational information when determined applicable by the ISO and in accordance with ISO Procedures.

#### **5.12.5.5 Co-located Storage Resources**

Generators that are Co-located Storage Resources must each, individually, comply with the requirements of Section 5.12.5.1 of this Services Tariff. Generators that are Co-located Storage Resources must submit outage data or other operational information in accordance with ISO Procedures that will allow the ISO to validate the CSR Scheduling Limits associated with the Co-located Storage Resources. CSR Scheduling Limits will be incorporated into each CSR Generator's UCAP calculation (*see* Services Tariff Section 5.12.6.2).

### **5.12.6 Capacity Calculations, Operating Data Default, Value and Collection**

#### **5.12.6.1 ICAP Calculation for Behind-the-Meter Net Generation Resources**

The ISO shall calculate the amount of Net-ICAP for each Behind-the-Meter Net Generation Resource as the Adjusted DMGC of the Generator of the Behind-the-Meter Net Generation Resource minus the Resource's Adjusted Host Load in accordance with this Tariff and ISO Procedures.

##### **5.12.6.1.1 Adjusted DMGC**

The ISO's calculation of the Adjusted DMGC of a Behind-the-Meter Net Generation Resource shall be the least of: (i) its DMGC for the Capability Period; (ii) its Adjusted Host Load plus its applicable Injection Limit; and (iii) its Adjusted Host Load plus the number of MW of CRIS it has obtained, as determined in accordance with OATT Section ~~4025~~ (OATT Attachment ~~HHS~~) and ISO Procedures.

If the Station Power of a Behind-the-Meter Net Generation Resource is separately metered from all other Load of the Resource, such that the Station Power Load can be independently measured and verified, the Generator of a Behind-the-Meter Net Generation Resource may elect to perform a DMNC Test instead of a DMGC Test pursuant to ISO

Procedures. Such election must be made in writing to the ISO prior to the start of the DMNC Test Period.

If a Behind-the-Meter Net Generation Resource elects to take a DMNC Test, the Station Power measured during such DMNC Test shall not be included in the Resource's Host Load. A Behind-the-Meter Net Generation Resource's DMNC value for the Capability Period shall be used in lieu of a DMGC value in the calculation of the Resource's Adjusted DMGC for the purposes of Sections 5.12.6.1 and 5.12.6.2 of this Services Tariff.

#### **5.12.6.1.2 Adjusted Host Load**

A Behind-the-Meter Net Generation Resource's Adjusted Host Load shall be equal to the product of the Average Coincident Host Load multiplied by one plus the Installed Reserve Margin.

The Adjusted Host Load shall be calculated by the ISO on an annual basis prior to the start of the Summer Capability Period and in accordance with ISO Procedures, based upon the Behind-the-Meter Net Generation Resource's Average Coincident Host Load for the prior Summer Capability Period and the Winter Capability Period before that.

#### **5.12.6.1.2.1 Average Coincident Host Load**

The ISO must receive the Behind-the-Meter Net Generation Resource's applicable metered Load data required to calculate an Average Coincident Host Load in accordance with ISO Procedures. The ISO shall compute the Average Coincident Host Load for each Capability Year (i) using the metered Host Load data for the applicable NYCA peak Load hours, except as provided below in this Section, and (ii) adjusted for weather normalization and Load growth as determined by the ISO in relation to developing the NYCA Minimum Installed Capacity Requirement in accordance with ISO Procedures.

For each Capability Year, the NYISO shall use the average of the highest twenty (20) one-hour peak Loads of the Host Load of the Behind-the-Meter Net Generation Resource that occur during the top forty (40) NYCA peak Load hours of the prior Summer Capability Period and the Winter Capability Period before that to calculate the Average Coincident Host Load.

If a facility meets the criteria to be, and has not previously been, a Behind-the-Meter Net Generation Resource, but does not have all of the appropriate meter data, its Average Coincident Host Load shall be a value forecasted by the Behind-the-Meter Net Generation Resource. The Behind-the-Meter Net Generation Resource's forecast shall be based on actual meter data, or if not available, billing data or other business data of the Host Load. An estimated Average Coincident Host Load can only be applicable to a Behind-the-Meter Net Generation Resource until actual data becomes available, but in any event no longer than three (3) consecutive Capability Years beginning with the Capability Year it is first an Installed Capacity Supplier.

#### **5.12.6.1.2.2 Determination of Adjusted Host Load**

After the ISO has calculated a Behind-the-Meter Net Generation Resource's Average Coincident Host Load, it shall then apply the NYCA Installed Reserve Margin. The Behind-the-Meter Net Generation Resource's Adjusted Host Load will be established by multiplying the Resource's Average Coincident Host Load for the Capability Year by the quantity of one plus the NYCA Installed Reserve Margin.

#### **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 each Energy Storage Resource, Aggregation that is comprised entirely of Energy Storage Resources, and DER Aggregation is authorized to supply in the NYCA shall be based on the individual availability of the Energy Storage Resource or the availability of the Aggregation 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 shall not include hours in any month that the Energy Storage Resource or Aggregation 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 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 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 or an Aggregation that is entirely comprised of Intermittent Power Resources that depend on the same type of fuel is authorized to supply in the NYCA shall be based on the ISO's calculation of the amount of capacity that the Intermittent Power Resource or an Aggregation that is entirely comprised of Intermittent Power Resources that depend on the same type of fuel can reliably provide during system peak Load hours in accordance with ISO Procedures.

Starting with the Capability Year beginning May 1, 2021 and continuing until the Capability Year that begins in May 2024, this calculation will be weighted according to the respective Peak Load Window weighting factors provided in the table below. Separate Summer and Winter Peak Load Windows are applicable based on the penetration of duration limited resources in Section 5.12.14.

Hour Beginning	Summer Peak Load Window		Winter Peak Load Window	
	6 Hour	8 Hour	6 Hour	8 Hour
12		5.00%		
13	12.50%	10.00%		
14	18.75%	17.50%		5.00%
15	18.75%	17.50%		5.00%
16	18.75%	17.50%	18.75%	17.50%
17	18.75%	17.50%	18.75%	17.50%
18	12.50%	10.00%	18.75%	17.50%
19		5.00%	18.75%	17.50%
20			12.50%	10.00%
21			12.50%	10.00%

Except as provided in Section 5.12.6.2.1 of this Services Tariff, this calculation shall not include hours in any month that the Intermittent Power Resource or an Aggregation that is entirely comprised of Intermittent Power Resources that depend on the same type of fuel 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 Intermittent Power Resource that is participating as 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.



Until the Capability Year that begins in May 2024, the amount of Unforced Capacity that each Limited Control Run-of-River Hydro Resource is authorized to provide in the NYCA shall be determined separately for Summer and Winter Capability Periods as the rolling average of the hourly net Energy provided by each such Resource during the 20 highest NYCA integrated real-time load hours in each of the five previous Summer or Winter Capability Periods, as appropriate, stated in megawatts. Except as provided in Section 5.12.6.2.1 of this Services Tariff, for a Limited Control Run-of-River Hydro Resource in an outage state that started on or after May 1, 2015 and that precluded its eligibility to participate in the Installed Capacity market during one of the 20 highest NYCA integrated real-time load hours in any one of the five previous Summer or Winter Capability Periods, the ISO shall replace that Winter or Summer Capability Period, as appropriate, with the next most recent Winter or Summer Capability Period such that the rolling average of the hourly net Energy provided by each such Resource shall be calculated from the 20 highest NYCA integrated real-time load hours in the five most recent prior Summer or Winter Capability Periods in which the Resource was not in an outage state that precluded its eligibility to participate in the Installed Capacity market on one of the 20 highest NYCA integrated real-time load hours in that Capability Period.

Prior to Capability Year beginning May 1, 2021, the ISO shall calculate separate Summer and Winter Capability Period Unforced Capacity values for each Generator, System Resource, Special Case Resource, Energy Limited Resource, and municipally owned generation and update them periodically using a twelve-month calculation. Starting with the Capability Year beginning May 1, 2021, the ISO shall calculate separate Summer and Winter Capability Period Unforced Capacity values for each Special Case Resource and update them periodically using a twelve-month calculation in accordance with ISO Procedures. Starting with the Capability Year

beginning May 1, 2021, the calculation for each Generator, System Resource, Energy Limited Resource, and municipally owned generation will use the months comprising the two most recent like Capability Periods in accordance with formulae provided in the ISO Procedures; provided, however, except as provided in Section 5.12.6.2.1 of this Services Tariff, for a Generator in an outage state that started on or after May 1, 2015 and that precluded its eligibility to participate in the Installed Capacity market at any time during any month from which GADS or other operating data would otherwise be used to calculate an individual Equivalent Demand Forced Outage Rate, the ISO shall replace such month's GADS or other operating data with GADS or other operating data from the most recent like month in which the Generator was not in an outage state that precluded its eligibility to participate in the Installed Capacity market.

The ISO shall calculate separate Summer and Winter Capability Period Unforced Capacity values for Energy Storage Resources and individual Distributed Energy Resources and update them seasonally as described in ISO Procedures.

The ISO shall calculate separate Summer and Winter Capability Period Unforced Capacity values for Intermittent Power Resources and update them seasonally as described in ISO Procedures.

The amount of Unforced Capacity that each Behind-the-Meter Net Generation Resource is authorized to supply in the NYCA shall be its Net-UCAP. Net-UCAP is the lesser of (i) the ISO's calculation of the Generator of the Behind-the-Meter Net Generation Resource Adjusted DMGC multiplied by one minus its Equivalent Demand Forced Outage Rate, and then decreased by its Adjusted Host Load translated into Unforced Capacity terms consistent with Section 5.11.1 of this Tariff, and (ii) the Resource's Net-ICAP.

#### **5.12.6.2.1 Exceptions**

A Resource returning to the Energy market after taking an outage that precluded its participation in the Installed Capacity market and which returns with modifications to its operating characteristics determined by the ISO to be material and which, therefore, requires the submission of a new Interconnection Request will receive, as the initial derating factor for calculation of the Resource's Unforced Capacity upon its return to service, the derating factor it would have received as a newly connecting unit in lieu of a derating factor developed from unit-specific data. A Resource returning to the Energy market after taking an outage that precluded its participation in the Installed Capacity market and which, upon its return, uses as its primary fuel a fuel not previously used at the facility for any purpose other than for ignition purposes will receive, as the initial derating factor for calculation of the Resource's Unforced Capacity upon its return to service, the default derating factor in lieu of a derating factor developed from unit-specific data even if the modifications to allow use of a new primary fuel are not material and do not require the submission of a new Interconnection Request.

This Section 5.12.6.2.1 shall apply to a Resource returning to the Energy market after taking an outage that started on or after May 1, 2015 and that precluded its participation in the Installed Capacity market.

#### **5.12.6.3 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 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, an Unforced Capacity value 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.

#### **5.12.6.4 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.

#### **5.12.6.5 Unforced Capacity, Outage Data and Operational Information Associated with External-to-ROS Deliverability Rights**

The ISO shall calculate the availability of the External interface associated with each project granted EDRs, in accordance with ISO Procedures. The availability factor (percentage) of the interface will be used to reduce the amount of EDRs for which Unforced Capacity may be offered. This calculation is distinct from and in addition to the calculation the ISO performs for each Installed Capacity Resource qualified for use with EDRs.

#### **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 provisions of Section 5.12.1 of this Tariff; or (iii) notify the ISO of any outages.

Until the Capability Year that begins in May 2024, Installed Capacity Suppliers with Energy Duration Limitations corresponding to a Duration Adjustment Factor, as described in Section 5.12.14 below, must on a daily basis during the Peak Load Window and for the number of consecutive hours that correspond to its Energy Duration Limitation, or for the entirety of the Peak Load Window for an Energy Storage Resource or an Aggregation comprised entirely of Energy Storage Resources: (i) schedule a Bilateral Transaction; (ii) Bid Energy in the Day-Ahead Market in accordance with the applicable provisions of Section 5.12.1 of this Tariff; or (iii) notify the ISO of any outages.

Starting with the Capability Year that begins in May 2024, Installed Capacity Suppliers with Energy Duration Limitations less than or equal in length to the number of hours comprising the applicable Peak Load Window, must on a daily basis during the Peak Load Window and for at least the number of consecutive hours that correspond to its Energy Duration Limitation, or for the entirety of the Peak Load Window for an Energy Storage Resource: (i) schedule a Bilateral Transaction; (ii) Bid Energy in the Day-Ahead Market in accordance with the applicable provisions of Section 5.12.1 of this Tariff; or (iii) notify the ISO of any outages. Installed Capacity Suppliers with Energy Duration Limitations greater in length than the number of hours comprising the Peak Load Window, must on a daily basis during the entirety of the applicable Peak Load Window and for additional hours immediately preceding and following the Peak Load Window covering the remaining hours of the Installed Capacity Supplier's Energy Duration Limitation that are not captured in the Peak Load Window, as specified in ISO Procedures: (i) schedule a Bilateral Transaction; (ii) Bid Energy in the Day-Ahead Market in accordance with the applicable provisions of Section 5.12.1 of this Tariff; or (iii) notify the ISO of any outages.

The ISO may adjust the Peak Load Window that Installed Capacity Suppliers with Energy Duration Limitations will be responsible for scheduling, bidding, or notifying for, with scheduling or bidding in hours outside the Peak Load Window in Section 5.12.14. An RMR Generator can only schedule a Bilateral Transaction to the extent expressly authorized in its RMR Agreement.

The total amount of Energy that an Installed Capacity Supplier schedules, bids, or declares to be unavailable on a given day must equal or exceed the Installed Capacity Equivalent of the Unforced Capacity it supplies.

For Energy Storage Resources without an Energy Duration Limitation, the total amount of Energy that is scheduled, Bid, or declared to be unavailable shall also include the maximum of the Energy Storage Resource's (i) negative Installed Capacity Equivalent, or (ii) Lower Operating Limit, such that amount scheduled, Bid, or declared to be unavailable reflects the entire withdrawal to injection operating range. Until the Capability Year that begins in May 2024, Energy Storage Resources with an Energy Duration Limitation must, on a daily basis, and for each hour outside of the Peak Load Window: (i) Bid in the Day-Ahead Market in accordance with the applicable provisions of Section 5.12.1 of this Tariff; or (ii) notify the ISO of any outages, the maximum of the Energy Storage Resource's (a) negative Installed Capacity Equivalent, or (b) Lower Operating Limit. The amount scheduled, Bid, and/or declared to be unavailable must reflect the Energy Storage Resource's entire withdrawal operating range.

Starting with the Capability Year that begins in May 2024, Energy Storage Resources with an Energy Duration Limitation less than or equal in length to the number of hours comprising the applicable Peak Load Window must, on a daily basis, and for each hour beyond the Peak Load Window: (i) Bid in the Day-Ahead Market in accordance with the applicable

provisions of Section 5.12.1 of this Tariff; or (ii) notify the ISO of any outages, the maximum of the Energy Storage Resource's (a) negative Installed Capacity Equivalent, or (b) Lower Operating Limit. Energy Storage Resources with an Energy Duration Limitation greater in length than the number of hours comprising the applicable Peak Load Window must, on a daily basis, and for each hour beyond the hours that the Energy Storage Resources must schedule, bid, or declare to be unavailable in accordance with paragraph three of Section 5.12.7 of this Tariff: (i) Bid in the Day-Ahead Market in accordance with the applicable provisions of Section 5.12.1 of this Tariff; or (ii) notify the ISO of any outages, the maximum of the Energy Storage Resource's (a) negative Installed Capacity Equivalent, or (b) Lower Operating Limit. The amount scheduled, Bid, and/or declared to be unavailable must reflect the Energy Storage Resource's entire withdrawal operating range.

#### **5.12.7.1 Co-located Storage Resource Availability Requirements**

In addition to independently satisfying the requirements of Section 5.12.7 for each Generator that participates in a Co-located Storage Resource, each Installed Capacity Supplier must, on a daily basis, and for each hour of the Day-Ahead Market Day: (i) provide a CSR injection Scheduling Limit; and (ii) notify the ISO of any derate or outage to the interconnection facilities comprising the point of interconnection. The sum of the CSR injection Scheduling Limit and the derate or outage must equal or exceed the sum of the Installed Capacity Equivalent of the Unforced Capacity supplied by the Intermittent Power Resource and the applicable Section 5.12.7 hourly Bid, Schedule, or Notify obligation of the Energy Storage Resource. Each Installed Capacity Supplier must also on a daily basis, and for each hour of the Day-Ahead Market Day: (i) provide a CSR withdrawal Scheduling Limit; and (ii) notify the ISO of any

derate or outage to the interconnection facilities comprising the point of interconnection. The sum of the CSR withdrawal Scheduling Limit and the derate or outage must equal or exceed the Energy Storage Resource's applicable 5.12.7 hourly Bid, Schedule, or Notify obligation.

#### **5.12.8      Unforced Capacity Sales**

Each Installed Capacity Supplier will, after satisfying the deliverability requirements set forth in the applicable provisions of Attachments S, X, Z, or HH-X, ~~Attachment Z and Attachment S~~ to the ISO OATT, be authorized to supply an amount of Unforced Capacity during each Obligation Procurement Period, based on separate seasonal Unforced Capacity calculations performed by the ISO for the Summer and Winter Capability Periods. Unforced Capacity may be sold in six-month strips, or in monthly, or multi-monthly segments.

External Unforced Capacity (except External Installed Capacity associated with UDRs) may only be offered into Capability Period Auctions or Monthly Auctions for the Rest of State, and ICAP Spot Market Auctions for the NYCA, and may not be offered into a Locality for an ICAP Auction. Bilateral Transactions which certify External Unforced Capacity using Import Rights, EDRs, or External CRIS Rights may not be used to satisfy a Locational Minimum Unforced Capacity Requirement.

UCAP from an RMR Generator may only be offered into the ICAP Spot Market Auction, except and only to the extent that the RMR Agreement expressly permits the RMR Generator's UCAP to be certified in a Bilateral Transaction.

If an Energy Limited Resource's, Generator's, System Resource's, Control Area System Resource's, or Aggregation's DMNC rating, or the DMGC rating of a Generator of a Behind-the-Meter Net Generation Resource, if applicable, is determined to have increased during an Obligation Procurement Period, pursuant to testing procedures described in the ISO Procedures,



the amount of Unforced Capacity that it shall be authorized to supply in that or future Obligation Procurement Periods shall also be increased on a prospective basis in accordance with the schedule set forth in the ISO Procedures provided that it first has satisfied the deliverability requirements set forth in the applicable provisions of Attachments S, X, Z, or HH Attachment Z and ~~Attachment S~~ to the ISO OATT.

New Resources and Resources that have increased their Capacity since the previous Summer Capability Period due to changes in their generating equipment and/or Demand Reduction capabilities may, after satisfying the deliverability requirements set forth in the applicable provisions of Attachments S, X, Z or HH Attachment Z and ~~Attachment S~~ to the ISO OATT, qualify to supply Unforced Capacity on a foregoing basis during the Summer Capability Period based upon a DMNC test, or the DMGC test of a Resource of a Behind-the-Meter Net Generation Resource, that is performed and reported to the ISO after March 1 and prior to the beginning of the Summer Capability Period DMNC Test Period. The Resource will be required to verify the claimed DMNC or DMGC rating by performing an additional test during the Summer DMNC Test Period. Any shortfall between the amount of Unforced Capacity supplied by the Resource for the Summer Capability Period and the amount verified during the Summer DMNC Test Period will be subject to deficiency charges pursuant to Section 5.14.2 of this Tariff. The deficiency charges will be applied to no more than the difference between the Resource's previous Summer Capability Period Unforced Capacity and the amount of Unforced Capacity equivalent the Resource supplied for the Summer Capability Period.

New Resources and Resources that have increased their Capacity since the previous Winter Capability Period due to changes in their generating equipment and/or Demand Reduction capabilities may, after satisfying the deliverability requirements set forth in the

applicable provisions of Attachments S, X, Z or HH ~~Attachment Z and Attachment S~~ to the ISO OATT, qualify to supply Unforced Capacity on a foregoing basis during the Winter Capability Period based upon a DMNC test, or the DMGC test of a Resource of a Behind-the-Meter Net Generation Resource, that is performed and reported to the ISO after September 1 and prior to the beginning of the Winter Capability Period DMNC Test Period. The Resource will be required to verify the claimed DMNC or DMGC rating by performing an additional test during the Winter Capability Period DMNC Test Period. Any shortfall between the amount of Unforced Capacity certified by the Resource for the Winter Capability Period and the amount verified during the Winter Capability Period DMNC Test Period will be subject to deficiency charges pursuant to Section 5.14.2 of this Tariff. The deficiency charges will be applied to no more than the difference between the Resource's previous Winter Capability Period Unforced Capacity and the amount of Unforced Capacity equivalent the Resource supplied for the Winter Capability Period.

Any Installed Capacity Supplier, except as noted in Section 5.12.11 of this ISO Services Tariff, which fails on a daily basis to schedule, Bid, or declare to be unavailable in the Day-Ahead Market an amount of Unforced Capacity, expressed in terms of Installed Capacity Equivalent, that it certified for that day, rounded down to the nearest 0.1 MW, or rounded down to the nearest whole MW for an External Installed Capacity Supplier, is subject to sanctions pursuant to Section 5.12.12.2 of this Tariff. If an entity other than the owner of an Energy Limited Resource, Generator, System Resource, Behind-the-Meter Net Generation Resource, Control Area System Resource, or Aggregation that is providing Unforced Capacity is responsible for fulfilling bidding, scheduling, and notification requirements, the owner and that entity must designate to the ISO which of them will be responsible for complying with the

scheduling, bidding, and notification requirements. The designated bidding and scheduling entity shall be subject to sanctions pursuant to Section 5.12.12.2 of this ISO Services Tariff.

#### **5.12.9 Sales of Unforced Capacity by System Resources**

Installed Capacity Suppliers offering to supply Unforced Capacity associated with Internal System Resources shall submit for each of their Resources the Operating Data and DMNC testing data or historical data described in Sections 5.12.1 and 5.12.5 of this ISO Services Tariff in accordance with the ISO Procedures. Such Installed Capacity Suppliers will be allowed to supply the amount of Unforced Capacity that the ISO determines pursuant to the ISO Procedures to reflect the appropriate Equivalent Demand Forced Outage Rate. Installed Capacity Suppliers offering to sell the Unforced Capacity associated with System Resources may only aggregate Resources in accordance with the ISO Procedures.

#### **5.12.10 Curtailment of External Transactions In-Hour**

All Unforced Capacity that is not out of service, or scheduled to serve the Internal NYCA Load in the Day-Ahead Market may be scheduled to supply Energy for use in External Transactions provided, however, that such External Transactions shall be subject to Curtailment within the hour, consistent with ISO Procedures. Such Curtailment shall not exceed the Installed Capacity Equivalent committed to the NYCA.

#### **5.12.11 Responsible Interface Parties, Municipally-Owned Generation, Energy Limited Resources, Intermittent Power Resources, and Installed Capacity Suppliers with Energy Duration Limitations**

##### **5.12.11.1 Responsible Interface Parties**

Responsible Interface Parties may qualify as Installed Capacity Suppliers, without having to comply with the daily bidding, scheduling, and notification requirements set forth in

Section 5.12.7 of this Tariff, if their Special Case Resources are available to operate at the direction of the ISO in order to reduce Load from the NYS Transmission System and/or the distribution system for a minimum of four (4) consecutive hours each day, following notice of the potential need to operate twenty-one (21) hours in advance if notification is provided by 3:00 P.M. ET, or twenty-four (24) hours in advance otherwise, and a notification to operate two (2) hours ahead. Special Case Resources will be considered to have a four (4) hour Energy Duration Limitation to align with their obligation. In order for a Responsible Interface Party to enroll an SCR that uses an eligible Local Generator, any amount of generation that can reduce Load from the NYS Transmission System and/or distribution system at the direction of the ISO that was produced by the Local Generator during the hour coincident with the NYCA or Locality peaks, upon which the LSE Unforced Capacity Obligation of the LSE that serves that SCR is based, must be accounted for when the LSE's Unforced Capacity Obligation for the upcoming Capability Year is established. Responsible Interface Parties must provide this generator data in accordance with ISO Procedures so that the ISO can adjust upwards the LSE Unforced Capacity Obligation to prevent double-counting.

Responsible Interface Parties supplying Unforced Capacity cannot offer the Demand Reduction associated with such Unforced Capacity in the Emergency Demand Response Program. A Resource with sufficient metering to distinguish MWs of Demand Reduction may participate as a Special Case Resource and in the Emergency Demand Response Program provided that the same MWs are not committed both as Unforced Capacity and to the Emergency Demand Response Program.

The ISO will have discretion, pursuant to ISO Procedures, to exempt Local Generators that are incapable of starting in two (2) hours from the requirement to operate on two (2) hours

notification. Local Generators that can be operated to reduce Load from the NYS Transmission System and/or distribution system at the direction of the ISO and Loads capable of being interrupted upon demand, that are not available on certain hours or days will be derated by the ISO, pursuant to ISO Procedures, to reflect the Load serving equivalence of the hours they are actually available.

Responsible Interface Parties must submit a Minimum Payment Nomination, in accordance with ISO Procedures. The ISO may request Special Case Resource performance from less than the total number of Special Case Resources within the NYCA or a Load Zone in accordance with ISO Procedures.

Special Case Resources with Local Generators that can be operated to reduce Load from the NYS Transmission System and/or distribution system at the direction of the ISO and Special Case Resources with Loads capable of being interrupted upon demand will be required to comply with verification and validation procedures set forth in the ISO Procedures. Such procedures will not require metering other than interval billing meters on customer Load or testing other than DMNC or sustained disconnect, as appropriate, unless agreed to by the customer.

Each Special Case Resource enrolled in a Capability Period shall demonstrate its maximum enrolled megawatt value at least once in the Capability Period via performance in a mandatory event or performance test in accordance with Installed Capacity Manual Section 4.12. When a Special Case Resource is enrolled in a Capability Period and transitions to become a Distributed Energy Resource within that same Capability Period, it shall demonstrate its maximum enrolled megawatt value via performance in a mandatory event or in a performance test, provided, however, that if no such mandatory event occurs prior to the Special Case

Resource becoming a Distributed Energy Resource, the Distributed Energy Resource shall participate in a performance test in accordance with the ISO's Aggregation Manual. Responsible Interface Parties are not eligible to receive Energy payments, as described in this Services Tariff Section 5.12.11.1, for Demand Reductions caused by Distributed Energy Resources performing in a performance test. When a Demand Side Resource that is participating, or has participated, in a DER Aggregation and seeks to become a Special Case Resource, the Resource's Average Coincident Load shall be calculated in accordance with the provisions of Services Tariff Section 5.12.11.1 and its subparts.

Unforced Capacity supplied in a Bilateral Transaction by a Special Case Resource pursuant to this subsection may only be resold if the purchasing entity or the Installed Capacity Marketer has agreed to become a Responsible Interface Party and comply with the ISO notification requirements for Special Case Resources. LSEs and Installed Capacity Marketers may become Responsible Interface Parties and aggregate Special Case Resources and sell the Unforced Capacity associated with them in an ISO-administered auction if they comply with ISO notification requirements for Special Case Resources.

Responsible Interface Parties that were requested to reduce Load in any month shall submit performance data to the NYISO, within 75 days of each called event or test, in accordance with ISO Procedures. Failure by a Responsible Interface Party to submit performance data for any Special Case Resources required to respond to the event or test within the 75-day limit will result in zero performance attributed to those Special Case Resources for purposes of satisfying the Special Case Resource's capacity obligation as well as for determining energy payments. All performance data are subject to audit by the NYISO and its market monitoring unit. If the ISO determines that it has made an erroneous payment to a Responsible

Interface Party, the ISO shall have the right to recover it either by reducing other payments to that Responsible Interface Parties or by resolving the issue pursuant to other provisions of this Services Tariff or other lawful means.

Provided the Responsible Interface Party supplies evidence of such reductions in 75 days, the ISO shall pay the Responsible Interface Party that, through their Special Case Resources, caused a verified Load reduction in response to (i) an ISO request to perform due to a forecast reserve shortage (ii) an ISO declared Major Emergency State, (iii) an ISO request to perform made in response to a request for assistance for Load relief purposes or as a result of a Local Reliability Rule, or (iv) a test called by the ISO, for such Load reduction, in accordance with ISO Procedures. Subject to performance evidence and verification, in the case of a response pursuant to clauses (i), (ii), of (iii) of this subsection, Suppliers that schedule Responsible Interface Parties shall be paid the zonal Real-Time LBMP for the period of requested performance or four (4) hours, whichever is greater, in accordance with ISO Procedures; provided, however, Special Case Resource Capacity shall settle Demand Reductions, in the interval and for the capacity for which Special Case Resource Capacity has been scheduled Day-Ahead to provide Operating Reserves, Regulation Service or Energy, as being provided by a Supplier of Operating Reserves, Regulation Service or Energy.

In the event that a Responsible Interface Party's Minimum Payment Nomination for a Special Case Resource, for the number of hours of requested performance or the minimum four (4) hour period, whichever is greater, exceeds the LBMP revenue received, the Special Case Resource will be eligible for a Bid Production Cost Guarantee to make up the difference, in accordance with Section 4.23 of this Services Tariff and ISO Procedures; provided, however, the ISO shall set to zero the Minimum Payment Nomination for Special Case Resource Capacity in

each interval in which such Capacity was scheduled Day-Ahead to provide Operating Reserves, Regulation Service or Energy. Subject to performance evidence and verification, in the case of a response pursuant to clause (iv) of this subsection, payment for participation in tests called by the ISO shall be equal to the zonal Real Time LBMP for the MWh of Energy reduced within the test period.

Transmission Owners that require assistance from enrolled Special Case Resources with Local Generators larger than 100 kW and Special Case Resources with Loads capable of being interrupted upon demand for Load relief purposes or as a result of a Local Reliability Rule, shall direct their requests for assistance to the ISO for implementation consistent with the terms of this section. Within Load Zone J, participation in response to an ISO request to perform made as a result of a request for assistance from a Transmission Owner for less than the total number of Special Case Resources, for Load relief purposes or as a result of a Local Reliability Rule, in accordance with ISO Procedures, shall be voluntary and the responsiveness of the Special Case Resource shall not be taken into account for performance measurement.

#### **5.12.11.1.1 Special Case Resource Average Coincident Load**

The ISO must receive from the Responsible Interface Party that enrolls a Special Case Resource, the applicable metered Load data required to calculate an ACL for that SCR as provided below and in accordance with ISO Procedures. The ACL shall be computed using the metered Load for the applicable Capability Period SCR Load Zone Peak Hours that indicates the Load consumed by each SCR that is supplied by the NYS Transmission System and/or distribution system and is exclusive of any generation produced by a Local Generator, other behind-the-meter generator, or other supply source located behind the SCR's meter, that served some of the SCR's Load.



Beginning with the Winter 2011-2012 Capability Period and thereafter, the ISO shall use the average of the highest twenty (20) one-hour peak Loads of the SCR taken from the Load data reported for the Capability Period SCR Load Zone Peak Hours during the Prior Equivalent Capability Period, and taking into account the resource's reported verified Load reduction in a Transmission Owner's demand response program in hours coincident with any of these hours, to create a SCR ACL baseline. In addition, beginning with the Summer 2014 Capability Period, the resource's verified Load reduction in either of the ISO's economic demand response programs (the Day Ahead Demand Response Program and the Demand Side Ancillary Services Program) in hours coincident with any of the applicable Capability Period SCR Load Zone Peak Hours will be taken into account when creating the SCR ACL. For the Day Ahead Demand Response Program, the verified Load reduction that occurred in response to a DADRP schedule shall be added to the Capability Period SCR Load Zone Peak Hour for which the reduction in response to a DADRP schedule occurred. For the Demand Side Ancillary Services Program, the Load value to be used in calculating the ACL for each hour during the Capability Period SCR Load Zone Peak Hours in which a non-zero Base Point Signal the ISO provides to the resource, shall be the greater of (a) the DSASP Baseline MW value in the interval immediately preceding the first non-zero Base Point Signal in the Capability Period SCR Load Zone Peak Hour and (b) the metered Load of the resource as reported by the RIP for the Capability Period SCR Load Zone Peak Hour. When the non-zero Base Point Signal dispatch of a DSASP resource begins in one hour and continues into consecutive hours, and the consecutive hour is identified as being a Capability Period SCR Load Zone Peak Hour, the DSASP Baseline MW value in effect at the beginning of the dispatch of the non-zero Base Point Signal shall be the MW value used for purposes of determining the applicable Load value for that Capability Period SCR Load Zone Peak Hour, in

accordance with the preceding sentence. The ISO will post to its website the Capability Period SCR Load Zone Peak Hours for each zone ninety (90) days prior to the beginning of the Capability Period for which the ACL will be in effect.

In the SCR enrollment file uploaded by the RIP each month within the Capability Period, among other required information, the RIP shall provide the SCR's metered Load values for the applicable Capability Period SCR Load Zone Peak Hours necessary to compute the ACL for each SCR.

The exception to this requirement to report the required metered Load data for the ACL, when enrolling a SCR prior to the Summer 2014 Capability Period, is if (i) the SCR has not previously been enrolled with the ISO and (ii) never had interval metering Load data for each month in the Prior Equivalent Capability Period needed to compute the SCR's ACL. Beginning with the Summer 2014 Capability Period, the exception to this requirement to report the required metered Load data for the ACL, is dependent upon one or more of the eligibility conditions for SCR enrollment with a Provisional ACL provided in Section 5.12.11.1.2 of this Services Tariff and ISO Procedures. For SCRs that meet the criteria to enroll with a Provisional ACL, the ISO must receive from the RIP a Provisional ACL as provided in Section 5.12.11.1.2 of this Services Tariff and in accordance with ISO Procedures.

Beginning with the Summer 2014 Capability Period, in addition to the requirement for RIPS to report each SCR's metered Load values that occurred during the Capability Period SCR Load Zone Peak Hours, in accordance with this Services Tariff and ISO Procedures during the enrollment process, any qualifying increase in a SCR's Load that will be supplied by the NYS Transmission System and/or distribution system may be reported as an Incremental ACL, subject to the limitations and verification reporting requirements provided in Section 5.12.11.1.5 of this

Services Tariff and in accordance with ISO Procedures. Incremental ACL values must be reported using the required enrollment file that may be uploaded by the RIP during each month's enrollment period. RIPs may not report Incremental ACL values for any SCRs that are enrolled in the Capability Period with a Provisional ACL.

A reduction in a SCR's Load that is supplied by the NYS Transmission System and/or distribution system and meets the criteria for a SCR Change of Status must be reported as a SCR Change of Status as provided by Section 5.12.11.1.3 of this Services Tariff and in accordance with ISO Procedures.

The ACL is the basis for the upper limit of ICAP, except in circumstances when the SCR has reported a SCR Change of Status or reported an Incremental ACL pursuant to Sections 5.12.11.1.3 and 5.12.11.1.5 of this Services Tariff. The basis for the upper limit of ICAP for a SCR that has experienced a SCR Change of Status or reported an Incremental ACL shall be the Net ACL.

#### **5.12.11.1.2 Use of a Provisional Average Coincident Load**

Prior to the Summer 2014 Capability Period, as provided in Section 5.12.11.1.1 of this Services Tariff, if a new Special Case Resource has not previously been enrolled with the ISO and never had interval billing meter data from the Prior Equivalent Capability Period, its Installed Capacity value shall be its Provisional Average Coincident Load for the Capability Period for which the new SCR is enrolled. The Provisional ACL may be applicable to a new SCR for a maximum of three (3) consecutive Capability Periods, beginning with the Capability Period in which the SCR is first enrolled.

Beginning with the Summer 2014 Capability Period, a SCR may be enrolled using a Provisional ACL in lieu of an ACL when one of the following conditions has been determined

by the ISO to apply: (i) the SCR has not previously been enrolled with the ISO for the seasonal Capability Period for which the SCR enrollment with a Provisional ACL is intended, (ii) the SCR was enrolled with a Provisional ACL in the Prior Equivalent Capability Period and was required to report fewer than twenty (20) hours of metered Load verification data that correspond with the Capability Period SCR Load Zone Peak Hours based on the meter installation date of the SCR, (iii) the RIP attempting to enroll the SCR with a Provisional ACL is not the same RIP that enrolled the SCR in the Prior Equivalent Capability Period and interval billing meter data for the SCR from the Prior Equivalent Capability Period is not obtainable by the enrolling RIP and not available to be provided to the enrolling RIP by the ISO. The Provisional ACL may be applicable to a SCR for a maximum of three (3) consecutive Capability Periods when enrolled with the same RIP, beginning with the Capability Period in which the SCR is first enrolled by the RIP.

A SCR enrolled in the Capability Period with a Provisional ACL may not be enrolled by another RIP for the remainder of the Capability Period and the Provisional ACL value shall apply to the resource for the entire Capability Period for which the value is established.

The Provisional ACL is the RIP's forecast of the SCR's ACL and shall be the basis for the upper limit of ICAP for which the RIP may enroll the SCR during the Capability Period.

Any SCR enrolled with a Provisional ACL shall be subject to actual in-period verification. A Verified ACL shall be calculated by the ISO using the top twenty (20) one-hour peak Loads reported for the SCR from the Capability Period SCR Load Zone Peak Hours that are applicable to verify the Provisional ACL in accordance with ISO Procedures and taking into account the resource's reported verified Load reductions in a Transmission Owner's demand response program that are coincident with any of the applicable Capability Period SCR Load

Zone Peak Hours. In addition, beginning with the Summer 2014 Capability Period, the resource's verified Load reduction in either of the ISO's economic demand response programs (the Day Ahead Demand Response Program and the Demand Side Ancillary Services Program) in hours coincident with any of the applicable Capability Period SCR Load Zone Peak Hours will be taken into account when creating the SCR Verified ACL. For the Day Ahead Demand Response Program, the verified Load reduction that occurred in response to a DADRP schedule shall be added to the Capability Period SCR Load Zone Peak Hour for which the reduction in response to a DADRP schedule occurred. For the Demand Side Ancillary Services Program, the Load value to be used in calculating the Verified ACL for each hour during the Capability Period SCR Load Zone Peak Hours in which a non-zero Base Point Signal the ISO provides to the resource, shall be the greater of (a) the DSASP Baseline MW value in the interval immediately preceding the first non-zero Base Point Signal in the Capability Period SCR Load Zone Peak Hour and (b) the metered Load of the resource as reported by the RIP for the Capability Period SCR Load Zone Peak Hour. When the non-zero Base Point Signal dispatch of a DSASP resource begins in one hour and continues into consecutive hours, and the consecutive hour is identified as being a Capability Period SCR Load Zone Peak Hour, the DSASP Baseline MW value in effect at the beginning of the dispatch of the non-zero Base Point Signal shall be the MW value used for purposes of determining the applicable Load value for that Capability Period SCR Load Zone Peak Hour, in accordance with the preceding sentence.

Following the Capability Period for which a resource with a Provisional ACL was enrolled, the RIP shall provide to the ISO the metered Load data required to compute the Verified ACL of the resource. The ISO shall compare the Provisional ACL to the Verified ACL to determine, after applying the applicable performance factor, whether the UCAP of the SCR

had been oversold and whether a shortfall has occurred as provided under Section 5.14.2 of this Services Tariff. If the RIP fails to provide verification data required to compute the Verified ACL of the resource enrolled with a Provisional ACL by the deadline: (a) the Verified ACL of the resource shall be set to zero for each Capability Period in which the resource with a Provisional ACL was enrolled and verification data was not reported, and (b) the RIP may be subject to penalties in accordance with this Services Tariff.

#### **5.12.11.1.3 Reporting a SCR Change of Load or SCR Change of Status**

##### **5.12.11.1.3.1 SCR Change of Load**

The Responsible Interface Party shall report any SCR Change of Load in accordance with ISO Procedures. The RIP is required to document the SCR Change of Load and when the total Load reduction for SCRs that have a SCR Change of Load within the same Load Zone is greater than or equal to 5 MWs, the RIP shall report the SCR Change of Load for each SCR in accordance with ISO Procedures.

##### **5.12.11.1.3.2 SCR Change of Status**

The Responsible Interface Party shall report any SCR Change of Status in accordance with ISO Procedures. The ISO shall adjust the reported ACL of the SCR for a reported SCR Change of Status to the Net ACL, for all prospective months to which the SCR Change of Status is applicable. When a SCR Change of Status is reported under clause (i), (ii) or (iii) within the definition of a Qualified Change of Status Condition and the SCR has sold capacity, the SCR shall be evaluated for a potential shortfall under Section 5.14.2 of this Services Tariff. Failure by the RIP to report a SCR Change of Status shall be evaluated as a potential shortfall under Section 5.14.2 of this Service Tariff and evaluated for failure to report under Section 5.12.12.2 of this Services Tariff.

Beginning with the Summer 2014 Capability Period, SCRs that were required to perform in the first performance test in the Capability Period in accordance with ISO Procedures and that subsequently report or change a reported SCR Change of Status value after the first performance test in the Capability Period shall be required to demonstrate the performance of the resource against the Net ACL value in the second performance test in the Capability Period. The exceptions to this provision occur when a SCR's eligible Installed Capacity is set to zero throughout the period of the SCR Change of Status, when a SCR's eligible Installed Capacity is decreased by at least the same kW value as the reported SCR Change of Status, or if a SCR Change of Status is reported, and prior to the second performance test, the SCR returns to the full applicable ACL enrolled prior to the SCR Change of Status. Performance in both performance tests shall be used in calculation of the resource's performance factors and all associated performance factors, deficiencies and penalties. If the RIP fails to report the performance for a resource that was required to perform in the second performance test in the Capability Period: (a) the resource will be assigned a performance of zero (0) for the test hour, and (b) the RIP shall be evaluated for failure to report under Section 5.12.12.2 of this Services Tariff.

#### **5.12.11.1.4 Average Coincident Load of an SCR Aggregation**

The ISO shall compute the Average Coincident Load of an SCR Aggregation each month in accordance with ISO Procedures.

#### **5.12.11.1.5 Use of an Incremental Average Coincident Load**

Beginning with the Summer 2014 Capability Period, a Responsible Interface Party may report any qualifying increase to a Special Case Resource's Average Coincident Load as Incremental Average Coincident Load in the RIP enrollment file upload and in accordance with this Services Tariff and ISO Procedures.

For SCRs with a total Load increase equal to or greater than twenty (20) percent and less than thirty (30) percent of the applicable ACL, the RIP may enroll the SCR with an Incremental ACL provided that the eligible Installed Capacity does not increase from the prior enrollment months within the same Capability Period and prior to enrollment with an Incremental ACL. If the SCR is enrolled with an Incremental ACL and it is the first month of the SCR's enrollment in the applicable Capability Period, the enrolled eligible Installed Capacity value shall not exceed the maximum eligible Installed Capacity of the SCR from the Prior Equivalent Capability Period. When no enrollment exists for the SCR in the Prior Equivalent Capability Period and it is the first month of the SCR's enrollment in the applicable Capability Period, the enrolled eligible Installed Capacity of the SCR shall not exceed the ACL calculated from the Capability Period SCR Load Zone Peak Hours. For SCRs with a total Load increase equal to or greater than thirty (30) percent of the applicable ACL, the RIP may enroll the SCR with an Incremental ACL and an increase to the SCR's eligible Installed Capacity and is required to test as described in this section of the Service Tariff.

The ISO shall adjust the ACL of the SCR for an Incremental ACL for all months for which the Incremental ACL is reported by the RIP. For resources reporting an Incremental ACL, the Net ACL shall equal the enrolled ACL plus the reported Incremental ACL less any applicable SCR Change of Status and shall be the basis for the upper limit of ICAP for which the RIP may enroll the SCR during the Capability Period.

An Incremental ACL is a discrete change to the SCR operations that is expected to result in an increase to the Load that the SCR will consume from the NYS Transmission System and/or distribution system. It is not available to account for random fluctuations in Load, such as those caused by weather or other seasonal Load variations. Therefore, the ACL of a SCR may only be



increased once per Capability Period and the amount of the increase enrolled must remain the same for all months for which the Incremental ACL is reported. A SCR enrolled in the Capability Period with an Incremental ACL may not be enrolled by another RIP for the remainder of the Capability Period. A SCR enrolled in the Capability Period with a Provisional ACL is not eligible to enroll with an Incremental ACL.

Following the Capability Period for which a SCR has been enrolled with an Incremental ACL, the RIP shall provide the hourly metered Load verification data that corresponds to the Monthly SCR Load Zone Peak Hours identified by the ISO for all months in which an Incremental ACL value was reported for the SCR. For each month for which verification data was required to be reported, the ISO shall calculate a Monthly ACL that will be used in the calculation of a Verified ACL. The Monthly ACL shall equal the average of the SCR's top twenty (20) one-hour metered Load values that correspond with the applicable Monthly SCR Load Zone Peak Hours, and taking into account (i) the resource's reported verified Load reduction in a Transmission Owner's demand response program in hours coincident with any of these hours. and (ii) the resource's verified Load reduction in either of the ISO's economic demand response programs (the Day Ahead Demand Response Program and the Demand Side Ancillary Services Program) in hours coincident with any of these hours. For the Day Ahead Demand Response Program, the verified Load reduction that occurred in response to a DADRP schedule shall be added to the Monthly SCR Load Zone Peak Hour for which the reduction in response to a DADRP schedule occurred. For the Demand Side Ancillary Services Program, the Load value to be used in calculating the Monthly ACL for each hour during the Monthly SCR Load Zone Peak Hours in which a non-zero Base Point Signal the ISO provides to the resource, shall be the greater of (a) the DSASP Baseline MW value in the interval immediately preceding

the first non-zero Base Point Signal in the Monthly SCR Load Zone Peak Hour and (b) the metered Load of the resource as reported by the RIP for the Monthly SCR Load Zone Peak Hour. When the non-zero Base Point Signal dispatch of a DSASP resource begins in one hour and continues into consecutive hours, and the consecutive hour is identified as being a Monthly SCR Load Zone Peak Hour, the DSASP Baseline MW value in effect at the beginning of the dispatch of the non-zero Base Point Signal shall be the MW value used for purposes of determining the applicable Load value for that Monthly SCR Load Zone Peak Hour, in accordance with the preceding sentence. The Verified ACL shall be the average of the two (2) highest Monthly ACLs during the Capability Period in which the SCR was enrolled with an Incremental ACL within the same Capability Period.

For any month in which verification data for the Incremental ACL is required but not timely submitted to the ISO in accordance with ISO procedures, the ISO shall set the metered Load values to zero. When a Monthly ACL is set to zero, the Verified ACL will be calculated as the average of: a) the two (2) highest Monthly ACLs during the Capability Period in which the SCR was enrolled with an Incremental ACL within the same Capability Period; plus b) the Monthly ACLs for all months in which the SCR was enrolled within the same Capability Period with an Incremental ACL in the Capability Period in which the RIP failed to provide the minimum verification data required. In addition, a RIP may be subject to a penalty for each month for which verification data was required and not reported in accordance with this Services Tariff.

For each SCR that is enrolled with an Incremental ACL, the ISO shall compare the Net ACL calculated from the resource enrollment (ACL plus Incremental ACL less any applicable

SCR Change of Status) to the Verified ACL calculated for the SCR to determine if the RIP's use of an Incremental ACL may have resulted in a shortfall pursuant to Section 5.14.2.

A Special Case Resource that was required to perform in the first performance test in the Capability Period in accordance with ISO Procedures and was subsequently enrolled using an Incremental ACL and an increase in the amount of Installed Capacity that the SCR is eligible to sell, shall be required to demonstrate performance against the maximum amount of eligible Installed Capacity reported for the SCR in the second performance test in the Capability Period. Performance in this test shall be measured from the Net ACL. Performance in both performance tests shall be used in calculation of the resource's performance factor and all associated performance factors, deficiencies and penalties. If the RIP fails to report the performance for a resource that was required to perform in the second performance test in the Capability Period: (a) the resource will be assigned a performance of zero (0) for the test hour, and (b) the RIP shall be evaluated for failure to report under Section 5.12.12.2 of this Services Tariff.

#### **5.12.11.2 Existing Municipally-Owned Generation**

A municipal utility that owns existing generation in excess of its Unforced Capacity requirement, net of NYPA-provided Capacity may, consistent with the deliverability requirements set forth in Attachment ~~HHX and Attachment S~~ to the ISO OATT, offer the excess Capacity for sale as Installed Capacity provided that it is willing to operate the generation at the ISO's request, and provided that the Energy produced is deliverable to the New York State Power System. Such a municipal utility shall not be required to comply with the requirement of Section 5.12.7 of this Tariff that an Installed Capacity Supplier bid into the Energy market or enter into Bilateral Transactions. Municipal utilities shall, however, be required to submit their typical physical operating parameters, such as their start-up times, to the ISO. This subsection is

only applicable to municipally-owned generation in service or under construction as of December 31, 1999.

#### **5.12.11.3 Energy Limited Resources**

An Energy Limited Resource or an Aggregation that is comprised entirely of a single Resource-type Energy Limited Resource may, consistent with the deliverability requirements set forth in Attachment ~~HHX and Attachment S~~ to the ISO OATT, 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 the number of consecutive hours that correspond to its Energy Duration Limitation each day. Energy Limited Resources or Aggregations that are 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 or Aggregations that are 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 or an Aggregation that is an Energy Limited Resource may not be capable of responding.

#### **5.12.11.4 Intermittent Power Resources**

Intermittent Power Resources that depend upon wind or solar as their fuel or Aggregations that are entirely comprised of Intermittent Power Resources that depend on the same type of fuel, with that fuel being wind or solar, 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, consistent with the deliverability requirements set forth in Attachment ~~HHX and Attachment S~~ to the ISO OATT, claim up to their nameplate Capacity as

Installed Capacity. To qualify as Installed Capacity Suppliers, such Intermittent Power Resources shall comply with the requirements of Section 5.12.1 and the outage notification requirements of 5.12.7 of this Tariff.

#### **5.12.11.5 Installed Capacity Suppliers with an Energy Duration Limitation**

A Resource with an Energy Duration Limitation may, consistent with the deliverability requirements set forth in Attachment ~~HHX and Attachment S~~ to the ISO OATT, qualify as an Installed Capacity Supplier with an Energy Duration Limitation 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 the number of consecutive hours that correspond to its Energy Duration Limitation each day. Installed Capacity Suppliers with an Energy Duration Limitation shall also Bid a Normal Upper Operating Limit or Emergency Upper Operating Limit, as applicable, designating their desired operating limits. Installed Capacity Suppliers with an Energy Duration Limitation 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 Installed Capacity Suppliers with an Energy Duration Limitation may not be capable of responding.

#### **5.12.12 Sanctions Applicable to Installed Capacity Suppliers and Transmission Owners**

Pursuant to this section, the ISO may impose financial sanctions on Installed Capacity Suppliers and Transmission Owners that fail to comply with certain provisions of this Tariff. The ISO shall notify Installed Capacity Suppliers and Transmission Owners prior to imposing any sanction and shall afford them a reasonable opportunity to demonstrate that they should not

be sanctioned and/or to offer mitigating reasons why they should be subject to a lesser sanction. The ISO may impose a sanction lower than the maximum amounts allowed by this section at its sole discretion. Installed Capacity Suppliers and Transmission Owners may challenge any sanction imposed by the ISO pursuant to the ISO Dispute Resolution Procedures.

Any sanctions collected by the ISO pursuant to this section will be applied to reduce the Rate Schedule 1 charge under this Tariff.

#### **5.12.12.1 Sanctions for Failing to Provide Required Information**

If (i) an Installed Capacity Supplier fails to provide the information required by Sections 5.12.1.1, 5.12.1.2, 5.12.1.3, 5.12.1.4, 5.12.1.7 or 5.12.1.8 of this Tariff in a timely fashion, or (ii) a Supplier of Unforced Capacity from External System Resources located in an External Control Area or from a Control Area System Resource that has 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, fails to provide the information required for certification as an Installed Capacity Supplier established in the ISO Procedures, the ISO may take the following actions: On the first day that required information is late, the ISO shall notify the Installed Capacity Supplier that required information is past due and that it reserves the right to impose financial sanctions if the information is not provided by the end of the following day. Starting on the third day that the required information is late, the ISO may impose a daily financial sanction of up to the higher of \$500 or \$5 per MW of Installed Capacity that the Generator, System Resource, or Control Area System Resource in question is capable of providing. Starting on the tenth day that the required information is late, the ISO may impose a daily financial sanction of up to the higher of \$1000 or \$10 per MW of Installed Capacity that the Generator, System Resource, or Control Area System Resource in question is capable of providing.

If an Installed Capacity Supplier fails to provide the information required by Subsection 5.12.1.5 of this Tariff in a timely fashion, the ISO may take the following actions: On the first calendar day that required information is late, the ISO shall notify the Installed Capacity Supplier that required information is past due and that it reserves the right to impose financial sanctions if the information is not provided by the end of that first calendar day. Starting on the second calendar day that the required information is late, the ISO may impose a daily financial sanction up to the higher of \$500 or \$5 per MW of Installed Capacity that the Generator, System Resource, or Control Area System Resource in question is capable of providing.

If a TO fails to provide the information required by Subsection 5.11.3 of this Tariff in a timely fashion, the ISO may take the following actions: On the first day that required information is late, the ISO shall notify the TO that required information is past due and that it reserves the right to impose financial sanctions if the information is not provided by the end of the following day. Starting on the third day that the required information is late, the ISO may impose a daily financial sanction up to \$5,000 a day. Starting on the tenth day that required information is late, the ISO may impose a daily financial sanction up to \$10,000.

#### **5.12.12.2 Sanctions for Failing to Comply with Scheduling, Bidding, and Notification Requirements**

On any day in which an Installed Capacity Supplier fails to comply with the scheduling, bidding, or notification requirements of Sections 5.12.1.6 or 5.12.1.10, or with Section 5.12.7 of this Tariff, or in which a Supplier of Installed Capacity from External System Resources or Control Area System Resources located in an External Control Area that has 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, fails to comply with scheduling, bidding, or notification requirements for certification as an Installed Capacity Supplier established in the

ISO Procedures, the ISO may impose a financial sanction up to the product of a deficiency charge (pro-rated on a daily basis for Installed Capacity Suppliers) and the maximum number of MWs that the Installed Capacity Supplier failed to schedule or Bid in any hour in that day provided, however, that no financial sanction shall apply to any Installed Capacity Supplier who demonstrates that the Energy it schedules, bids, or declares to be unavailable on any day is not less than the Installed Capacity that it supplies for that day rounded down to the nearest 0.1 MW, or rounded down to the nearest whole MW for an External Installed Capacity Supplier. For Installed Capacity Suppliers that have an Energy Duration Limitation, the deficiency charge will be pro-rated on a daily basis only taking into account hours during the Peak Load Window corresponding with the Resource's Energy Duration Limitation obligation, excluding Energy Storage Resources which will be evaluated over all hours during the Peak Load Window, and the maximum number of MWs that the Installed Capacity Supplier with an Energy Duration Limitation failed to schedule or Bid in any hour in the Peak Load Window of that day provided, however, that no financial sanction shall apply to any Installed Capacity Supplier that demonstrates that the Energy it schedules, bids, or declares to be unavailable on any day is not less than the Installed Capacity that it supplies for that day rounded down to the nearest 0.1 MW. The deficiency charge may be up to one and one-half times the applicable Market-Clearing Price of Unforced Capacity determined in the ICAP Spot Market Auction corresponding to where the Installed Capacity Supplier's capacity cleared, and for each month in which the Installed Capacity Supplier is determined not to have complied with the foregoing requirements.

In addition to the financial sanctions described above, the Installed Capacity Supplier offering a Generator that participates as a Co-located Storage Resource may also be subject to a financial sanction for failing to comply with the requirements of Services Tariff Section 5.12.7.1.



When such Installed Capacity Supplier fails to comply with Services Tariff Section 5.12.7.1, the ISO may impose a financial sanction up to the product of a deficiency charge and the difference between Installed Capacity Equivalent of the Unforced Capacity of the Generator and the CSR Scheduling Limit. If an Installed Capacity Supplier is subject to financial sanctions for its failure to comply with Services Tariff Section 5.12.7.1 is also subject to a penalty under this Section for failing to comply with the scheduling, bidding, or notification requirements of Sections 5.12.1.6 or 5.12.1.10, or with Section 5.12.7 of this Tariff for the same Day-Ahead Market hour, the NYISO shall assess only the greater of the two sanctions for that hour.

In addition, if any Installed Capacity Supplier fails to comply with the scheduling, bidding, or notification requirements of Sections 5.12.1.6 or 5.12.1.10, or with Section 5.12.7 of this Tariff, or if an Installed Capacity Supplier of Unforced Capacity from an External Control Area fails to comply with the scheduling, bidding, or notification requirements for certification as an Installed Capacity Supplier established in the ISO Procedures, during an hour in which the ISO curtails Exports associated with NYCA Installed Capacity Suppliers consistent with Section 5.12.10 of this Tariff and with ISO Procedures, then the ISO may impose an additional financial sanction equal to the product of the number of MWs the Installed Capacity Supplier failed to schedule during that hour and the corresponding Real-Time LBMP at the applicable Proxy Generator Bus.

To the extent an Installed Capacity Supplier of Unforced Capacity from an External Control Area or an External Generator associated with an Unforced Capacity sale using UDRs or EDRs fails to comply with Section 5.12.1.10 of this Tariff, the Installed Capacity Supplier or External Generator associated with an Unforced Capacity sale using UDRs or EDRs shall be

subject to a deficiency charge calculated in accordance with the formula set forth below for each Obligation Procurement Period:

$$Deficiency\ charge = 1.5 * PRICE * \left( \frac{1000kW}{1MW} \right) * \left( \frac{\sum_{n=1}^N (\max ( ICAP_n^{MWh} - SRE_n^{MWh}, 0))}{N} \right)$$

Where:

N = total number of hours of SRE calls during the relevant Obligation Procurement Period

PRICE = ICAP Spot Market Auction clearing price for the relevant Obligation Procurement Period

$ICAP_n^{MWh}$  = for each hour  $n$  of SRE calls during the relevant Obligation Procurement Period, the ICAP equivalent of the UCAP sold from the External Installed Capacity Supplier that is a Generator, or the External Generator associated with an Unforced Capacity sale using UDRs or EDRs, or the Control Area System Resource in MWh, minus (x) any MWh that are unavailable due to an outage as defined in the ISO Procedures, or due to physical operating limitations affecting the External Installed Capacity Supplier that is a Generator, or the External Generator associated with an Unforced Capacity sale using UDRs or EDRs, or due to other operational issues that the ISO determines to be outside the Installed Capacity Supplier's control, and (y) any MWh that were Bid as Imports to the NYCA at the appropriate Proxy Generator Bus at a price that was designed to ensure the Import was scheduled to the greatest extent possible, but that were not scheduled by the ISO

$SRE_n^{MWh}$  = MWh provided to the NYCA at the appropriate Proxy Generator Bus from the External Installed Capacity Supplier that is a Generator, or the External

Generator associated with an Unforced Capacity sale using UDRs or EDRs, or the Control Area System Resource, during each hour  $n$  of SRE calls during the relevant Obligation Procurement Period.

If an Installed Capacity Supplier's failure to fully comply with this Tariff would, in addition to being assessed a deficiency charge calculated in accordance with the formula set forth above, also permit the ISO to impose a different deficiency charge or a financial sanction under this Section 5.12.12.2, or to impose a deficiency charge for a shortfall under Section 5.14.2.2 of this Tariff, then the ISO shall only impose the penalty for failure to comply with Section 5.12.1.10 of this Tariff on the Installed Capacity Supplier for the hour(s) in which the Installed Capacity Supplier failed to meet its obligations under Section 5.12.1.10 of this Tariff.

If the Installed Capacity Supplier is a Responsible Interface Party that enrolled a SCR with an Incremental ACL in accordance with this Services Tariff, and also reported an increase to the Installed Capacity the SCR has eligible to sell after the first performance test in the Capability Period, the ISO may impose an additional financial sanction due to the failure of the RIP to report the required performance of the SCR against the Net ACL value in the second performance test in the Capability Period. This sanction shall be the value of the reported increase in the eligible Installed Capacity associated with the SCR that was sold by the RIP in each month of the Capability Period, during which the reported increase was in effect, multiplied by up to one and one-half times the applicable Market-Clearing Price of Unforced Capacity determined in the ICAP Spot Market Auction for each such month.

If the Installed Capacity Supplier is a Responsible Interface Party, and the Average Coincident Load of the Special Case Resource has been decreased after the first performance test in the Capability Period, due to a SCR Change of Status in accordance with this Services Tariff

and ISO Procedures, the ISO may impose an additional financial sanction resulting from the failure of the RIP to report the required performance of the SCR against the Net ACL value of the SCR when the SCR was required to perform in the second performance test in the Capability Period in accordance with Section 5.12.11.1.3.2 of this Services Tariff. This sanction shall be the value of the Unforced Capacity equivalent of the SCR Change of Status MW reported for the SCR during the months for which the SCR was enrolled with a SCR Change of Status and was required to demonstrate in the second performance test as specified in Section 5.12.11.1.3.2 of this Services Tariff, multiplied by up to one and one-half times the applicable Market-Clearing Price of Unforced Capacity determined in the ICAP Spot Market Auction for each such month.

If a RIP fails to provide the information required by Section 5.12.11.1.3 of this Services Tariff in accordance with the ISO Procedures for reporting a Qualified Change of Status Condition, and the ISO determines that a SCR Change of Status occurred within a Capability Period, the ISO may impose a financial sanction equal to the difference, if positive, between the enrolled ACL and the maximum one hour metered Load for the month multiplied by up to one-half times the applicable Market-Clearing Price of Unforced Capacity determined in the ICAP Spot Market Auction for each month the Installed Capacity Supplier is deemed to have a shortfall in addition to the corresponding shortfall penalty as provided in Section 5.14.2.

For each month in which a RIP fails to report required verification data and the applicable ACL value is set to zero in accordance with Section 5.12.11 of this Services Tariff, the ISO shall have the right to recover any energy payments made to the RIP for performance of the SCR by reducing other payments or other lawful means.

### **5.12.13 Aggregations**

#### **5.12.13.1 Resources Entering and Changing Aggregations**

A qualified Installed Capacity Supplier, which meets the requirements to participate in an Aggregation, may enter an Aggregation pursuant to the rules set forth in Services Tariff Section 4.1.10.3.

When an Installed Capacity Supplier that is a Special Case Resource enters an Aggregation to become a Distributed Energy Resource within the same Capability Period, the maximum Installed Capacity that an Aggregator can declare for the Distributed Energy Resource shall be the upper limit of Installed Capacity calculated for the Special Case Resource in accordance with Services Tariff Section 5.12.11.1.1. When an existing Special Case Resource enters an Aggregation and becomes a Distributed Energy Resource at the beginning of a Capability Period (*i.e.*, begins participating as a Distributed Energy Resource on May 1 or November 1), the maximum Installed Capacity that an Aggregator can declare for that Distributed Energy Resource shall be the upper limit of Installed Capacity calculated for the Special Case Resource for the immediately prior like Capability Period, calculated in accordance with Services Tariff Section 5.12.11.1.1, if such value was calculated.

When a Generator with an approved in-period DMNC rating enters an Aggregation to become a Distributed Energy Resource, the maximum Installed Capacity that an Aggregator can declare for the Distributed Energy Resource shall be the minimum of the Generator's approved in-period DMNC rating and the Generator's CRIS.

Individual Distributed Energy Resources may elect to leave their current Aggregation and join a new Aggregation pursuant to the Resources Changing Aggregation rules set forth in this Services Tariff section below and in Services Tariff section 4.1.10.3. The Installed Capacity of a

Distributed Energy Resource that enters a new Aggregation will be assigned to the new Aggregation on a monthly basis beginning on the first day of the month in which the Distributed Energy Resource enters the new Aggregation. The Installed Capacity of a Distributed Energy Resource that exits an Aggregation will be removed from the Aggregation on the last day in which the Distributed Energy Resource is registered in the Aggregation. The specific processes for transferring a Distributed Energy Resource and its Installed Capacity to another Aggregation are located in the ISO Procedures.

An individual resource within an Aggregation may only change from participating in a homogenous Aggregation that is not a DER Aggregation to participating in a DER Aggregation at the beginning of a Capability Year, provided that the Aggregation notifies the ISO by August 1 of the year prior to the beginning of the Capability Year. An individual resource within an Aggregation may only change from participating in a DER Aggregation to participating in a homogeneous Aggregation that is not a DER Aggregation at the beginning of a Capability Year, provided that the Aggregation notifies the ISO by August 1 of the year prior to the beginning of the Capability Year. If the composition of a homogeneous Aggregation that is not a DER Aggregation changes during a Capability Year such that the homogeneous Aggregation that is not a DER Aggregation would no longer qualify as a homogeneous Aggregation that is not a DER Aggregation, the homogeneous Aggregation that is not a DER Aggregation will maintain the qualifications as a homogeneous Aggregation that is not a DER Aggregation for the remainder of the Capability Year, and, it will have to elect (i) a different Aggregation by August 1, (ii) to participate in the ISO Administered Markets as a Generator, if qualified, or (iii) to leave the ISO Administered Markets for the following Capability Year. If the composition of a DER Aggregation changes during a Capability Year such that the DER Aggregation would no longer

qualify as a DER Aggregation, the DER Aggregation will maintain the qualifications as a DER Aggregation for the remainder of the Capability Year, and, it will have to elect (i) a different Aggregation by August 1, (ii) to participate in the ISO Administered Markets as a Generator, if qualified, or (iii) to leave the ISO Administered Markets for the following Capability Year. An individual Distributed Energy Resource seeking to participate in the ISO-administered Installed Capacity auctions that has previously acted as a retail load modifier may only register as an Installed Capacity Supplier for the upcoming Capability Year, provided that Resource notified the ISO of its intention to become an Installed Capacity Supplier by August 1 of the year prior to the start of the Capability Year and provided the output data in accordance with ISO Procedures.

#### **5.12.13.2 Time-stacking Resources in an Aggregation**

An Aggregator may sequentially stack individual Distributed Energy Resources within an Aggregation in order to meet the Energy Duration Limitations specified in Section 5.12.14. In addition to the requirements and obligations described in this section 5.12.13, the following rules apply to an Aggregation that seeks to sequentially stack individual Distributed Energy Resources:

5.12.13.2.1 each individual Distributed Energy Resource must be able to provide Energy for a minimum of one 1-hour block each day;

5.12.13.2.2 individual Distributed Energy Resources duration will be rounded-down to the nearest hour and stacked in whole-hour increments;

5.12.13.2.3 Time-stacked Aggregations will be qualified for the amount of Capacity it can sustain over the run-time requirement; and

The specific processes related to time-stacking Distributed Energy Resources in an Aggregation are located in the ISO Procedures.

#### **5.12.14 Energy Duration Limitations, Duration Adjustment Factors, and Capacity Accreditation Factors for Installed Capacity Suppliers**

Starting with the Capability Year that begins on May 1, 2021, Resources with a limited run-time that meet the Energy Duration Limitations identified in the tables below may qualify to participate as Installed Capacity Suppliers. Resources with a limited run-time must elect an Energy Duration Limitation that is less than or equal to the Resource's ability to demonstrate sustained output at its qualified MW amount. Resources that do not have an Energy Duration Limitation will have a Duration Adjustment Factor of 100%. The Adjusted Installed Capacity for an Installed Capacity Supplier shall be calculated using the applicable Energy Duration Limitations and Duration Adjustment Factors, and in accordance with ISO Procedures, starting with the 2021/2022 Capability Year, as determined by the MW count of incremental penetration of Resources with Energy Duration Limitations as listed below:

Table 1:

Incremental Penetration of Resources with Energy Duration Limitations is less than 1000 MW	
Energy Duration Limitations (hours)	Duration Adjustment Factor (%)
8	100
6	100
4	90
2	45

Table 2:

Incremental Penetration of Resources with Energy Duration Limitations 1000 MW and above	
Energy Duration Limitations (hours)	Duration Adjustment Factor (%)
8	100



6	90
4	75
2	37.5

While Table 1 is in effect, Resources with an Energy Duration Limitation of 6 hours or less must fulfill the availability requirements given in Section 5.12.7 for a 6-hour Peak Load Window. While Table 2 is in effect, Resources with an Energy Duration Limitation of 6 hours or less must fulfill the availability requirements given in Section 5.12.7 for an 8-hour Peak Load Window. Resources with an Energy Duration Limitation of 8 hours must always fulfill the availability requirements given in Section 5.12.7 for an 8-hour Peak Load Window. The 6 hour Peak Load Window for the Summer Capability Period is HB 13 through HB 18, and the 6 hour Peak Load Window for the Winter Capability Period is HB 16 through HB 21. The 8 hour Peak Load Window for the Summer Capability Period is HB 12 through HB 19, and the 8 hour Peak Load Window for the Winter Capability Period is HB 14 through HB 21.

Starting with the Capability Year that begins in May 2024, ICAP Suppliers will have their Adjusted ICAP calculated pursuant to Section 5.12.14.2 using the applicable Capacity Accreditation Factor. Resources with a limited run-time must elect an Energy Duration Limitation that is less than or equal to the Resource's ability to demonstrate sustained output at its qualified MW amount and will use the corresponding Capacity Accreditation Factor.

Resources with an Energy Duration Limitation must fulfill the availability requirements given in Section 5.12.7 for the duration of the Peak Load Window.

#### **5.12.14.1 Counting Incremental Penetration of Resources with Energy Duration Limitations**

The penetration levels of CRIS MW will be the sum of CRIS for Resources with Energy Duration Limitations that have elected to participate in ISO Administered Markets with less than 8 hour duration and that have entered into service after January 1, 2019 and incremental CRIS awarded after January 1, 2019 to Resources with Energy Duration Limitations that have elected to participate in ISO Administered Markets with less than 8 hour duration as specified below.

Penetration levels of CRIS MW for Resources with Energy Duration Limitations will be calculated in accordance with ISO Procedures as the sum of CRIS for Resources with Energy Duration Limitations of 2 hours, CRIS for Resources with Energy Duration Limitations of 4 hours and CRIS for Resources with Energy Duration Limitations of 6 hours that have entered into service and have participated in the ISO Markets after January 1, 2019. Penetration levels of Demand Side Resources will be calculated as the sum of the Demand Side Resource MW that have elected to participate in the ISO Capacity markets with less than 8 hour duration as of July 1, as pursuant to ISO Procedures. The MW count of Resources with Energy Duration Limitations that were in service prior to January 1, 2019 and have Retired will include CRIS for Resources with Energy Duration Limitations of 2 hours, CRIS for Resources with Energy Duration Limitations of 4 hours and CRIS for Resources with Energy Duration Limitations of 6 hours that have Retired as of July 1 each year, pursuant to ISO Procedures. Resources that obtained CRIS and were in service prior to January 1, 2019 that qualify as Resources with Energy Duration Limitations at a later date will not be included in the penetration levels of Resources with Energy Duration Limitations.

The MW count of incremental penetration of Resources with Energy Duration Limitations used to determine the applicable Duration Adjustment Factors provided in Section

5.12.14 for the upcoming Capability Year will be calculated in accordance with ISO Procedures as the sum of the penetration levels of CRIS MW, as described above, and penetration levels of Demand Side Resources, as described above, less the sum of CRIS MW for Resources with Energy Duration Limitations that have Retired, as described above, and less 1309.1 MW of SCR MW. The MW count of incremental penetration of Resources with Energy Duration Limitations with their Energy Duration Limitation election will be counted as of July 1 and posted by July 15. Once there are 1000 MW or more incremental penetration of Resources with Energy Duration Limitations, the Duration Adjustment Factors listed in Table 2 provided above in Section 5.12.14 will be effective May 1 of the following Capability Year and Table 2 will be effective notwithstanding future MW count of incremental penetration of Resources with Energy Duration Limitations.

#### **5.12.14.2 Adjusted Installed Capacity**

Starting with the Capability Year beginning May 1, 2021 and continuing until the Capability Year that begins in May 2024, a Resource's Unforced Capacity shall reflect the applicable Duration Adjustment Factor for the Resource's elected Energy Duration Limitation. The Adjusted Installed Capacity is equal to a Resource's Installed Capacity multiplied by the Duration Adjustment Factor. If a Resource or Aggregation wants to change its duration election it must inform the ISO by August 1 preceding the upcoming Capability Year.

Starting with the Capability Year that begins in May 2024, an ICAP Supplier's Unforced Capacity shall reflect the applicable Capacity Accreditation Factor of its Capacity Accreditation Resource Class. The ICAP Supplier's Adjusted Installed Capacity is equal to its Installed Capacity multiplied by its applicable Capacity Accreditation Factor. If an existing Resource wishes to join an Aggregation, or, if a Resource or Aggregation wishes to elect a different

Energy Duration Limitation than its current duration, it must inform the ISO by August 1 preceding the upcoming Capability Year.

#### **5.12.14.3 Periodic Review of Capacity Values Accreditation Factors**

Starting with the Capability Year that begins in May 2024 and occurring every year, the ISO shall review the existing Capacity Accreditation Factors established for each Capacity Accreditation Resource Class and assess for the upcoming Capability Year the marginal reliability contributions of each Capacity Accreditation Resource Class toward meeting NYSRC resource adequacy requirements. The annual review shall: (i) use the Installed Reserve Margin/Locational Minimum Installed Capacity Requirement study model that is approved by the NYSRC for the upcoming Capability Year as a starting database, (ii) be performed at the conditions that reflect the expected NYCA system that meets the resource adequacy criterion, (iii) develop Capacity Accreditation Factors for all Capacity Accreditation Resource Classes that reflect the marginal reliability contributions toward meeting NYSRC resource adequacy requirements, and (iv) be performed for Rest of State, G-J Locality (excluding Load Zone J), NYC Locality, and Long Island Locality to the extent there exists an ICAP Supplier or projected ICAP Supplier in the given Capacity Accreditation Resource Classes in the applicable location, as specified in ISO Procedures.

In conjunction with this review, the ISO shall review the Peak Load Window associated with the bidding requirements for Resources with Energy Duration Limitations and modify the Peak Load Window accordingly, pursuant to ISO Procedures.

## **5.16 New Capacity Zone Study and Procedures**

Capitalized terms used in this Section 5.16 and not defined in this Services Tariff shall have the meaning set forth in the Open Access Transmission Tariff.

The ISO shall conduct the New Capacity Zone study in accordance with this Section (“NCZ Study”) and provide a written report of the results to stakeholders on or before January 15 in each ICAP Demand Curve Reset Filing Year.

### **5.16.1 NCZ Study Methodology.**

5.16.1.1 The NCZ Study, developed in accordance with ISO Procedures, will test, under summer peak system conditions, using the following assumptions and methodology:

5.16.1.1.1 The following assumptions will be applied: (i) transmission facilities (other than existing Class Year Transmission Projects or existing Cluster Study Transmission Projects) identified as existing in the ISO’s Load and Capacity Data report most recently published prior to the NCZ Study Start Date; (ii) all firm plans for changes to transmission facilities by Transmission Owners in the ISO’s Load and Capacity Data report most recently published prior to the NCZ Study Start Date scheduled to be in-service prior to the NCZ Study Capability Period; (iii) planned generation projects, ~~or~~ Class Year Transmission Project, or Cluster Study Transmission Projects that have accepted either (a) Deliverable MW or (b) a System Deliverability Upgrade cost allocation and provided cash or posted required security pursuant to, as applicable, OATT Attachment S or Attachment HH to the ISO OATT, which for (a) and (b) is from a ~~Class Year~~ Final Decision Round of a Class Year Study, a Final Decision Period of a Cluster Study, or an

Additional SDU Study Decision Period that occurs prior to the NCZ Study Start Date (subject to Section 5.16.1.1.2); (iv) System Upgrade Facilities and System Deliverability Upgrades associated with planned projects identified in (iii) above, except that System Deliverability Upgrades where construction of the System Deliverability Upgrade has been deferred pursuant to ~~OATT Attachment S~~ Sections 25.7.12.2 and 25.7.12.3 of Attachment S or Sections 40.13.12.2 and 40.13.12.3 of Attachment HH to the ISO OATT will only be included if construction of the System Deliverability Upgrades has been triggered under ~~OATT Attachment S~~ Section 25.7.12.3 of Attachment S or Section 40.13.12.3 of Attachment HH to the ISO OATT; (v) all transmission retirements and derates identified in the ISO's Load and Capacity Data report most recently published prior to the NCZ Study Start Date and scheduled to occur prior to the NCZ Study Capability Period; (vi) all existing Generators with CRIS identified in, and all projects with Unforced Capacity Deliverability Rights on the date of, the ISO's Load and Capacity Data report most recently published prior to the NCZ Study Start Date; and all CRIS rights from resources considered "CRIS-inactive" as defined in Section 40.18.2.1 of OATT Attachment HH to the ISO OATT ~~Section 25.9.3.1~~ unless the ability to transfer those rights has expired without completing a transfer as permitted under ~~OATT Attachment S~~ Section 40.18.3 or 40.18.4 of Attachment HH to the ISO OATT ~~25.9.4 or 25.9.5~~ as of the NCZ Study Start Date; and (vii) any transfer of CRIS rights pursuant ~~to OATT Attachment S~~ or HH of the ISO OATT not identified in the Load and Capacity Data report most recently

published prior to the NCZ Study Start Date but is completed and the transferee is operational prior to the NCZ Study Start Date.

5.16.1.1.2 Planned generation, ~~and~~ Class Year Transmission Projects, and Cluster Study Transmission Projects identified pursuant to Section 5.16.1.1.1 will be excluded and not recognized in the NCZ Study if (a) the Commission has accepted the cancellation or termination of a rate schedule consisting of an ~~I~~nterconnection ~~A~~greement (absent the filing of another ~~I~~nterconnection ~~A~~greement for the project), or (b) for projects that either do not have an executed ~~I~~nterconnection ~~A~~greement or have an executed ~~I~~nterconnection ~~A~~greement that is (i) not required to be filed with the Commission or (ii) is required to be filed but has not yet been filed, the ISO receives written notice from the project that it is withdrawing from the interconnection queue and/or a Notice of Termination under the interconnection agreement.

5.16.1.1.3 The Load forecast used will be the NCZ Study Capability Period peak demand forecast contained in the ISO's Load and Capacity Data report most recently published prior to the NCZ Study Start Date.

5.16.1.1.4 The base case conditioning steps contained in ~~OATT Attachment S~~ Sections 25.7.8.2.1.3 (excluding and not recognizing MW of CRIS requested by ~~Interconnection Customers~~~~Developers~~ other than CRIS identified in Section 5.16.1.1.1 (iii)), ~~25.7.8.2.4~~40.13.8.2.1.4, ~~25.7.8.2.5~~40.13.8.2.1.5, ~~25.7.8.2.10~~40.13.8.2.1.10, and ~~25.7.8.2.11~~40.13.8.2.1.11, of Attachment HH to the ISO OATT will be applied to the above inputs and assumptions.

5.16.1.1.5 The ISO will perform the NCZ Study by applying to the above inputs and assumptions the methodology contained in ~~OATT Attachment S~~ Sections ~~40.13.8.2.1.6~~~~25.7.8.2.6~~, ~~40.13.8.2.1.7~~~~25.7.8.2.7~~, ~~40.13.8.2.1.8~~~~25.7.8.2.8~~, ~~40.13.8.2.1.9~~~~25.7.8.2.9~~, ~~40.13.8.2.1.12~~~~25.7.8.2.12~~, and ~~40.13.8.2.1.13~~~~25.7.8.2.13~~ of Attachment HH to the ISO OATT to Highways. Deliverability will be determined through a shift from generation to generation within each Capacity Region that contains Highways. Each such Capacity Region will be tested on an individual basis.

5.16.1.2 On or before October 1 of the year prior to an ICAP Demand Curve Reset Filing Year, the ISO will review the inputs and assumptions for the NCZ Study with stakeholders and provide an opportunity for stakeholders to comment.

5.16.1.3 The ISO shall provide an opportunity for the Market Monitoring Unit to review and comment on the NCZ Study consistent with Services Tariff Attachment O Section 30.4.6.3.2.

## **5.16.2 New Capacity Zone Boundary**

The ISO shall identify the boundary of a New Capacity Zone if there is a constrained Highway interface into one or more Load Zones. The boundary of the New Capacity Zone may encompass a single constrained Load Zone or group of Load Zones including one or more constrained Load Zones on the constrained side of the Highway. In determining the New Capacity Zone boundary, the ISO shall consider the extent to which incremental Capacity in individual constrained Load Zones could impact the reliability and security of constrained Load Zones, taking into account interface capability between constrained Load Zones.



### **5.16.3 Indicative NCZ Locational Minimum Installed Capacity Requirement**

For each Load Zone or groups of Load Zones identified in the NCZ Study as having a constrained Highway Interface, on or before March 1 of each ICAP Demand Curve Reset Filing Year, the ISO shall determine Indicative NCZ Locational Minimum Installed Capacity Requirement. The ISO shall provide an opportunity to stakeholders to review and comment on the Indicative NCZ Locational Minimum Installed Capacity Requirement. This Indicative NCZ Locational Minimum Installed Capacity Requirement will be used solely for establishing revised ICAP Demand Curves in accordance with 5.14.1.2.

### **5.16.4 NCZ Report**

On or before March 31 of an ICAP Demand Curve Reset Filing Year,

- (a) If the NCZ Study identifies a constrained Highway Interface, the ISO shall file for Commission review proposed tariff revisions necessary to establish and recognize the New Capacity Zone or Zones, and shall include in the filing a report of the results of the NCZ Study. If the ISO proposes that a New Capacity Zone that is comprised of a group of Load Zones instead of a single Load Zone, the ISO shall include in the filing the basis for its determination, consistent with Section 5.16.2.
- (b) If the NCZ Study does not identify a constrained Highway interface, the ISO shall file with the Commission the ISO's determination that the NCZ Study did not indicate that any New Capacity Zone is required pursuant to this process, along with a report of the results of the NCZ Study.

The ISO shall provide an opportunity for the Market Monitoring Unit to review and comment on the NCZ Study and any proposed tariff revisions, consistent with Services Tariff Attachment O Section 30.4.6.3.2.

## **5.18 Generator Outages and Generator Obligations While in These Outages**

This Section 5.18 shall apply to a Generator in any outage state that started on or after May 1, 2015, except for a Generator participating in the ISO Markets as part of an Aggregation. Section 5.18 shall apply to a Generator that is in an outage state at the time that it joins an Aggregation until that Generator returns to operation.

A Market Participant with a Generator in the NYCA that is in any outage state, which is not part of an Aggregation, shall report its status to the ISO pursuant to ISO Procedures.

Except when a Generator is not subject to the requirements of this Section 5.18 because it is only participating in the ISO Markets as part of an Aggregation, if the Market Participant that administers a Generator's participation in the ISO Administered Markets is a different entity than the entity that possesses the ultimate decision-making authority concerning the deactivation, outage or repair of the Generator, then the entity with ultimate decision-making authority regarding the deactivation, outage or repair of the Generator must agree, as part of the registration of the Generator with the ISO for participation in the ISO Administered Markets, that it will be subject to and comply with the outage state rules set forth in this Section 5.18 of the ISO Services Tariff. Except when a Generator is not subject to the requirements of this Section 5.18 because it is only participating in the ISO Markets as part of an Aggregation, the entity with ultimate decision-making authority regarding the deactivation, retirement and/or repair of the Generator shall, along with the Market Participant, be subject to all of the requirements of Section 5.18 of the ISO Services Tariff that apply to a Market Participant.

### **5.18.1 Forced Outages and Commenced Repair Determinations**

5.18.1.1 A Market Participant with a Generator in a Forced Outage shall keep the ISO informed as to progress of its Generator's repairs pursuant to ISO

Procedures. A Market Participant may keep its Generator in a Forced Outage beyond the last day of the month which contains the 180th day of its Forced Outage only if it has Commenced Repair of its Generator. A Market Participant that anticipates its Generator will not be able to return to the Energy market before the last day of the month which contains the 180th day of its Forced Outage and which desires to remain eligible to be in the Installed Capacity market beyond the 180th day shall provide a Repair Plan to the ISO by the 120th day of the Forced Outage.

5.18.1.2 A Repair Plan shall include a work plan, with milestones, or set of necessary actions, and shall provide the time it is expected to take to complete each task and describe the repair of the Generator's equipment related to electric production, fuel or station power supply or transmission interconnection, as appropriate, that was either affected by the Forced Outage or otherwise makes the unit available for the Energy market. The Repair Plan's milestones shall include, in appropriate circumstances: damage assessments, engineering assessments, initial cost estimates, purchase orders, inspection reports, initial safety assessments, hazardous material abatement plans, and labor mobilization plans. The Repair Plan shall include the date the Market Participant expects the Generator to be repaired and available for the Energy market (return date) which return date: i) shall be reasonable, ii) may be provided as a good faith estimate, and iii) shall be updated to the extent new information becomes available. The return date or good faith estimate of a return date that a Market Participant provides for its Generator shall be reasonable if it is comparable to the return date

that would be included in a Credible Repair Plan pursuant to Section 5.18.1.5 of this Services Tariff.

5.18.1.3 Market Participants requesting that the NYISO determine, pursuant to Services Tariff Section 23.4.5.6.2, that their Generator has experienced a Catastrophic Failure, or that Exceptional Circumstances will delay the submission of data necessary for the ISO to perform an audit and review pursuant to Section 23.4.5.6.2, shall submit their requests, with necessary supporting data, to the NYISO by the 120<sup>th</sup> day of the Forced Outage if they desire the determination to be issued by the 160<sup>th</sup> day of the Forced Outage of their Generator.

5.18.1.4 A Market Participant has Commenced Repair of its Generator if it: i) has decided to pursue the repair of its Generator, and based on the ISO's technical/engineering evaluation, ii) has a Repair Plan for the Generator that is consistent with a Credible Repair Plan, and iii) has made appropriate progress in pursuing the repair of its Generator when measured against the milestones of a Credible Repair Plan.

5.18.1.5 For purposes of the determinations required by Section 5.18.1.3(ii) and (iii), and 5.18.1.6 of this Services Tariff, a Credible Repair Plan is the Repair Plan that would be expected from a supplier: i) with a generating facility that is reasonably the same as or similar to the type and vintage of the Generator; ii) intending to return its generating facility to service. A Credible Repair Plan for a Generator that suffered a Forced Outage is a Repair Plan that would also be expected from a supplier with a generating facility that suffered a forced outage that was reasonably the same as or comparable to the Forced Outage suffered by

the Generator and which forced outage occurred under the same, or reasonably similar, circumstances as the Generator's. A Credible Repair Plan for a Generator in a Mothball Outage is a Repair Plan that would also be expected from a supplier pursuing a repair to its generating facility which repair is reasonably the same as or comparable to the repair being pursued by the Generator.

5.18.1.6 The determination that a Market Participant has Commenced Repair of its Generator in a Forced Outage shall be made by the ISO by the 160<sup>th</sup> day of the Forced Outage. If the Market Participant provides updated information after the 120<sup>th</sup> day of the Forced Outage and before the 180<sup>th</sup> day of its Generator's Forced Outage, the ISO will, as applicable, take such information into consideration to make its determination or it will update its previously issued determination to the extent practicable.

The determination that a Market Participant has Commenced Repair of its Generator in an ICAP Ineligible Forced Outage, which Market Participant has been determined by the ISO to have one or more Exceptional Circumstances that delay the acquisition of necessary data for an audit and review for economic justification pursuant to Section 23.4.5.6.2 of this Services Tariff, shall be made by the ISO as soon as practicable following receipt of necessary data.

The determination that a Market Participant has Commenced Repair of its Generator in an ICAP Ineligible Forced Outage or Mothball Outage, which Market Participant is seeking to toll expiration of its outage and CRIS rights pursuant to Sections 5.18.2.3.2 or 5.18.3.3.2 of this Services Tariff, will be made by the ISO as soon as practicable following receipt of the necessary data.

5.18.1.7 If a Market Participant has not Commenced Repair of its Generator by the last day of the month which contains the 180<sup>th</sup> day of the Forced Outage, the Generator's Forced Outage shall expire on the last day of the month which contains the 180<sup>th</sup> day of the Forced Outage. The Forced Outage of a Generator that Commenced Repair but ceased or unreasonably delayed the Generator's repair shall terminate on the last day of the month containing the date that the Market Participant ceased or unreasonably delayed the repair. The ISO will determine a Market Participant has unreasonably delayed the repair of its Generator if such delay would not have been included in a Credible Repair Plan from a supplier experiencing the situation which caused the Market Participant to delay the repair of its Generator.

5.18.1.8 Upon the expiration or termination of a Generator's Forced Outage, the Generator shall be in an ICAP Ineligible Forced Outage unless the Generator has been Retired by the Market Participant.

## **5.18.2 ICAP Ineligible Forced Outage**

5.18.2.1 A Market Participant may voluntarily reclassify its Generator from a Forced Outage to an ICAP Ineligible Forced Outage only if the Generator has been in a Forced Outage for at least sixty (60) days. A Generator that has been voluntarily reclassified from a Forced Outage to an ICAP Ineligible Forced Outage shall begin its ICAP Ineligible Forced Outage on the first day of the month following the month in which it was voluntarily reclassified to an ICAP Ineligible Forced Outage.

A Generator in an ICAP Ineligible Forced Outage as a result of the

expiration or termination of its Forced Outage pursuant to Section 5.18.1.6 of this Services Tariff, shall begin its ICAP Ineligible Forced Outage on the day following the day the Generator's Forced Outage expired or terminated.

A Generator in an ICAP Ineligible Forced Outage as a result of substantial actions that have been taken, such as dismantling or disabling essential equipment, which actions are inconsistent with an intention to operate the Generator in the Energy market shall begin its ICAP Ineligible Forced Outage on the day following the day such actions began.

If one of the two Generators in a CSR enters an ICAP Ineligible Forced Outage but the other CSR Generator continues operating, the remaining Generator may continue to participate as a Generator in a CSR unless or until the Generator in the ICAP Ineligible Forced Outage becomes Retired.

5.18.2.2 A Generator in an ICAP Ineligible Forced Outage is not eligible to participate in the Installed Capacity market and shall automatically cease to qualify to participate in the Installed Capacity market beginning with the first day of its ICAP Ineligible Forced Outage. The Generator shall no longer be ineligible to participate in the Installed Capacity market, by virtue of its ICAP Ineligible Forced Outage, as of the first day the Generator returns to operation and offers its Energy into the Day-Ahead Market without declaring an outage. The month for which the Generator will first be eligible to participate in the Installed Capacity market will be based on the date the Generator returns to operation and offers its Energy into the Day-Ahead Market without declaring an outage and ISO Procedures.

### **5.18.2.3 ICAP Ineligible Force Outage Expiration**

5.18.2.3.1 Except as provided in Section 5.18.2.3.2, a Generator's ICAP Ineligible Forced Outage shall expire if: i) its CRIS rights have expired; or ii) it did not have CRIS rights and has been in the ICAP Ineligible Forced Outage for 36 consecutive months. A Generator shall be Retired if its ICAP Ineligible Forced Outage expires.

5.18.2.3.2 If a Market Participant with a Generator in an ICAP Ineligible Forced Outage has Commenced Repair prior to when the ICAP Ineligible Forced Outage would expire pursuant to Section 5.18.2.3.1 and has provided a reasonable return date as that term is described in Section 5.18.1.2 of this Services Tariff that occurs after such expiration date, then the outage and the Generator's CRIS rights will be tolled until, and the ICAP Ineligible Forced Outage will expire on, the earlier of:

- i) 120 days from when the outage would have expired under Section 5.18.2.3.1; or
- ii) an ISO determination that the Market Participant has ceased or unreasonably delayed the repair of its Generator. The ISO will determine if a Market Participant has unreasonably delayed the repair of its Generator if such delay would not have been included in a Credible Repair Plan from a supplier experiencing the situation which caused the Market Participant to delay the repair of its Generator. The tolling of CRIS rights occurs under this Section 5.18.2.3.2 notwithstanding the three year period in which CRIS-inactive facilities may maintain CRIS rights pursuant to Section ~~25.9.3.1~~40.18.2.1 of Attachment ~~S-HH~~ to the OATT; provided, however, the expiration period for transfers of CRIS rights provided in Section 40.18.2.1 ~~25.9.3.1~~ of Attachment ~~S-HH~~ to the OATT shall not be tolled. A Market Participant seeking to toll its outage and CRIS



rights pursuant to this Section 5.18.2.3.2 must submit a Repair Plan no later than 60 days prior to when the ICAP Ineligible Forced Outage would expire under Section 5.18.2.3.1.

5.18.2.4 A Market Participant with a Generator in an ICAP Ineligible Forced Outage that is notified by a Transmission Owner or the ISO that the return to service of its Generator could address a reliability issue shall provide an updated good faith estimate of the Generator's return date. A Market Participant with a Generator in an ICAP Ineligible Forced Outage shall make a timely return to service to resolve a reliability issue, in accordance with Section 5.18.4, as the term "timely return" is described in Section 5.18.4.2 of this Services Tariff. A Market Participant with a Generator in an ICAP Ineligible Forced Outage shall provide temporary use of its Generator's interconnection point in accordance with Section 5.18.5 of this Services Tariff when a transmission solution using the Generator's interconnection point has been selected as the Short-Term Reliability Process Solution, the Gap Solution, or to resolve a reliability issue arising on a non-New York State Bulk Power Transmission Facility during its outage. The Transmission Owner shall provide that power to the station remains available notwithstanding its temporary use of the Generator's interconnection point.

### **5.18.3 Mothball Outage**

5.18.3.1 Prior to entering a Mothball Outage, the Generator must satisfy the prior notice requirement contained in Section 38.3.1 of Attachment FF to the ISO OATT, among other applicable requirements. A Generator in a Mothball Outage is not eligible to participate in the Installed Capacity market and shall

automatically cease to qualify to participate in the Installed Capacity market beginning with the date the Generator begins its Mothball Outage. The Generator shall no longer be ineligible to participate in the Installed Capacity market, by virtue of its Mothball Outage, as of the first day the Generator returns to operation and offers its Energy into the Day-Ahead Market without declaring an outage. The month for which the Generator will first be eligible to participate in the Installed Capacity market will be based on the date the Generator returns to operation and offers its Energy into the Day-Ahead Market without declaring an outage and ISO Procedures.

If one of the two Generators in a CSR enters a Mothball Outage but the other CSR Generator continues operating, the remaining Generator may continue to participate as a Generator in a CSR unless or until the Generator in the Mothball Outage becomes Retired.

5.18.3.2 As part of the Generator Deactivation Notice required prior to entering a Mothball Outage pursuant to Section 38.3.1 of Attachment FF to the ISO OATT, a Market Participant shall notify the ISO whether its Generator will be physically able to return within 180 days to resolve a reliability issue or it has good cause for an alternate period of time, stated in days, to return its Generator to service to resolve a reliability issue. The Market Participant shall establish good cause, to the satisfaction of the ISO, by providing empirical evidence demonstrating the need for the alternate period of time to return its Generator to service to resolve a reliability issue. The number of days within which a Generator in a Mothball Outage can be returned to service to resolve a reliability issue will be shared with

the applicable Transmission Owner(s).

### **5.18.3.3 Mothball Outage Expiration**

5.18.3.3.1 Except as provided in Section 5.18.3.3.2, a Generator's Mothball Outage shall expire if: i) its CRIS rights have expired; or ii) it did not have CRIS rights and has been in the Mothball Outage for 36 consecutive months. A Generator shall be Retired if its Mothball Outage expires.

5.18.3.3.2 If a Market Participant with a Generator in a Mothball Outage has Commenced Repair prior to when the Mothball Outage would expire pursuant to Section 5.18.3.3.1 and has provided a reasonable return date as that term is described in Section 5.18.1.2 of this Services Tariff that occurs after such expiration date, then the outage and the Generator's CRIS rights will be tolled until, and the Mothball Outage will expire on, the earlier of: i) 120 days from when the outage would have expired under Section 5.18.3.3.1; or ii) an ISO determination that the Market Participant has ceased or unreasonably delayed the repair of its Generator. The ISO will determine if a Market Participant has unreasonably delayed the repair of its Generator if such delay would not have been included in a Credible Repair Plan from a supplier experiencing the situation which caused the Market Participant to delay the repair of its Generator. The tolling of CRIS rights occurs under this Section 5.18.3.3.2 notwithstanding the three year period in which CRIS-inactive facilities may maintain CRIS rights pursuant to Section ~~40.18.2.1~~~~25.9.3.1~~ of Attachment ~~S-HH~~ to the OATT; provided, however, the expiration period for transfers of CRIS rights provided in Section ~~40.18.2.1~~~~25.9.3.1~~ of Attachment ~~S-HH~~ to the OATT shall not be tolled.

A Market Participant seeking to toll its outage and CRIS rights pursuant to this Section 5.18.3.3.2 must submit a Repair Plan no later than 60 days prior to when the Mothball Outage would expire under Section 5.18.3.3.1.

5.18.3.4 A Market Participant with a Generator in a Mothball Outage shall timely return the Generator to service to resolve a reliability issue, in accordance with Section 5.18.4, as the term ‘timely return’ is described in Section 5.18.4.2 of this Services Tariff. A Market Participant with a Generator in a Mothball Outage shall provide temporary use of its Generator’s interconnection point, in accordance with Section 5.18.5 of this Services Tariff, when a transmission solution using the Generator’s interconnection point has been selected as the Short-Term Reliability Process Solution, the Gap Solution, or to resolve a reliability issue on a non-New York State Bulk Power Transmission Facility arising during the Generator’s outage. The Transmission Owner shall provide that power to the station remains available notwithstanding its temporary use of the Generator’s interconnection point.

#### **5.18.4 Return to Service of Generators in a Mothball Outage or an ICAP Ineligible Forced Outage to Resolve a Reliability Issue**

5.18.4.1 Following: i) notification to a Market Participant that the return to service of its Generator in a Mothball Outage or an ICAP Ineligible Forced Outage for a specified minimum time period has been identified as a Short-Term Reliability Process Solution, a Gap Solution, or to resolve a reliability issue on a non-New York State Bulk Power Transmission Facility arising during the Generator’s outage; and ii) an order establishing compensation for such return from the Federal Energy Regulatory Commission (“Compensation Order”), the Market

Participant shall timely return the Generator to service, as the term “timely return” is defined in Section 5.18.4.2 of this Services Tariff.

**5.18.4.1.1** Except for Generators selected through the Short-Term Reliability Process, within 30 days of a determination by the ISO and the Market Participant that negotiations on compensation for the return to service of the Market Participant’s Generator are at an impasse, the Market Participant may submit a filing to the Federal Energy Regulatory Commission under Section 205 of the Federal Power Act for compensation. No later than ten days after such filing is made, the ISO shall file with the Federal Energy Regulatory Commission an unexecuted compensation agreement that includes the non-rate terms and conditions for the return to service of the Market Participant’s Generator.

5.18.4.2 A Market Participant’s return to service of its Generator in a Mothball Outage to resolve a reliability issue shall be deemed to be a timely return if such return to service was i) within 180 days from the date of the Compensation Order, ii) within the alternate period of time following the date of the Compensation Order pursuant to Section 5.18.3.2, or iii) by such other date agreed to by the parties.

A Market Participant’s return to service of its Generator in an ICAP Ineligible Forced Outage to resolve a reliability issue shall be deemed to be a timely return if it is returned to service according to the date established by the Compensation Order; *provided, however*, the Market Participant will not be required to return the Generator to service before its estimated return date unless otherwise agreed.

5.18.4.2.1 A Generator's return to service shall not be untimely if the Generator provided the Transmission Owner with access to its interconnection point and is available for a timely return, and the Transmission Owner is unable to reconnect the Generator within the timeframes provided for a timely return to service, pursuant to Section 5.18.4.2 of this Services Tariff.

#### **5.18.5 Temporary Use of Interconnection Point to Resolve a Reliability Issue**

5.18.5.1 A Market Participant shall provide a Transmission Owner with temporary use of the interconnection point of its Generator in a Mothball Outage or ICAP Ineligible Forced Outage when a transmission solution using the Generator's interconnection point has been selected as the Short-Term Reliability Process Solution, Gap Solution, or to resolve a reliability issue arising on a non-New York State Bulk Power Transmission Facility during its outage.

5.18.5.2 A Market Participant that provided temporary use of the interconnection point of its Generator in a Mothball Outage or ICAP Ineligible Forced Outage pursuant to Section 5.18.5.1 of this Services Tariff shall be permitted to reconnect its Generator to the transmission system by submitting to the ISO a Notice of Intent to Return that provides the date it intends to return to service which submission shall be provided no later than six months before the expiration of its outage, unless otherwise agreed. A Market Participant that submitted a Notice of Intent to Return and that was not requested to return its Generator to service to resolve a reliability issue pursuant to Section 5.18.4.1 of this Services Tariff during its immediately previous Mothball Outage or ICAP Ineligible Forced Outage, shall be permitted to reconnect at no cost.

The Transmission Owner shall reconnect the Generator on or before the indicated return date using efforts that are timely, consistent with Good Utility Practice and that are otherwise substantially equivalent to those the Transmission Owner would use for its own purposes. The Transmission Owner shall report periodically to the ISO and the Generator on the progress of reconnecting such Generator and shall advise the ISO and the Generator promptly if it expects it will not be able to complete the reconnection of the Generator before its indicated return date.

If the Generator returning to service pursuant to this Section 5.18.5.2 of the Services Tariff is available to return but the Transmission Owner is unable to reconnect the Generator before its outage expires, the outage expiration, and expiration of its CRIS rights, where applicable, will be tolled until the date the Transmission Owner reconnects the Generator notwithstanding the three year period in which CRIS-inactive facilities may maintain CRIS rights pursuant to Section ~~40.18.2.1~~ ~~25.9.3.1~~ of Attachment ~~S-HH~~ to the OATT; provided, however, the expiration period for transfers of CRIS rights provided in Section ~~40.18.2.1~~ ~~25.9.3.1~~ of Attachment ~~S-HH~~ to the OATT shall not be tolled.

#### **5.18.6 Retired and Termination of Existing Interconnection Agreements**

The classification of a Generator with an interconnection agreement other than a Small Generator Interconnection Agreement (SGIA), ~~or~~ Standard Large Generator Interconnection Agreement (LGIA), or Standard Interconnection Agreement (IA) as Retired may be grounds for the termination of the interconnection agreement depending on the terms and conditions of the applicable agreement. Any termination of such an interconnection agreement will be effective

on the filing with the Federal Energy Regulatory Commission of a notice of termination, which notice and proposed effective date have been accepted by the Federal Energy Regulatory Commission. Either party to the interconnection agreement may file the notice of termination, as appropriate. If and when termination of the interconnection agreement is effective, access to the Point of Interconnection of the Generator will be available on a non-discriminatory basis pursuant to the NYISO's applicable interconnection and transmission expansion processes and procedures. If the existing interconnection agreement is not terminated, the Retired Generator would retain its right to the specific point of interconnection as provided for in the interconnection agreement and access to this point would not be available for new projects.

The impact on a Generator with a LGIA<sub>2</sub>, ~~or~~ SGIA, or IA that has been classified as Retired is described in Section 40 of the ISO OATT ~~Sections 30 and 32 respectively~~.



## **11      Dispute Resolution Procedure**

## 11.1 Purpose and Applicability of Dispute Resolution Procedure

### 11.1.1 Purpose and General Provisions

A party, or parties, and the ISO, having a dispute involving service under the ISO Market Administration and Control Area Services Tariff (“Services Tariff”) or the Open Access Transmission Tariff (“OATT”), ISO Procedures, or any Agreement entered into under either Tariff, may utilize the provisions of this Section 11 for resolution. The purpose of the dispute resolution processes provided herein is to avoid litigation when possible, and to pursue resolution of the dispute in the most cost-effective and prompt method possible.

Nothing herein restricts the rights of any party or the ISO to file a complaint or seek any other remedy from the Commission under the relevant provisions of the Federal Power Act.

### 11.1.2 Exceptions

This Article 11 shall not apply to the following disputes, which shall be resolved in accordance with the provisions of the ISO Tariffs, or otherwise, as indicated below:

- (i) disputes regarding the Standard Large Facility Interconnection Procedures, ~~or~~ Standard Large Generator Interconnection Agreement, ~~which disputes shall be governed by Attachment X to the ISO OATT, or disputes regarding the~~ Small Generator Interconnection Procedures, ~~or~~ Standard Small Generator Interconnection Agreement, Standard Interconnection Procedures, or Standard Interconnection Agreement, which disputes shall be governed by Attachment HHZ to the ISO OATT;
- (ii) disputes regarding the Local Transmission Planning Procedures, which disputes shall be governed by Section 31.2.1.3 of Attachment Y to the ISO OATT;

- (iii) disputes over cost estimates provided in interconnection agreements as ~~established-provided~~ in Attachment S or HH, which disputes shall be resolved under the interconnection agreement;
- (iv) disputes regarding a Customer's settlements that were not resolved in the ordinary settlement review, challenge, and correction process, which disputes shall be governed by Section 7.4 of this ISO Services Tariff or Sections 2.7.4.2 or 2.7.4.3 of the ISO OATT;
- (v) disputes regarding certain ICAP-related issues that Section 5 of the ISO Services Tariff expressly indicates shall be governed by other provisions of the ISO Services Tariff;
- (vi) disputes regarding Centralized TCC Auction or Reconfiguration Auction awards, which disputes shall be governed by Attachment M, Section 19 of the ISO OATT;
- (vii) disputes involving applications for changes in rates, changes in terms or conditions of service, or other changes to the ISO Tariffs, ISO Procedures, or agreements to which the ISO is a party and disputes that may result in an obligation to transmit electricity under circumstances where the Commission is precluded from ordering transmission service pursuant to FPA Section 212(h). Parties with these disputes have exclusively those rights provided for under the FPA or otherwise provided by law and have no right to invoke dispute resolution processes under this Section 11.

## **11.2 Initiation of Dispute Resolution Proceedings**

### **11.2.1 Notice of Dispute**

In the event of a dispute that the party or parties have been unable to resolve, any party or parties may initiate a dispute resolution proceeding pursuant to this Article 11 (“Dispute Resolution Proceeding”) by submitting a written notice to the ISO. The written notice shall describe the dispute in detail and set forth the factual and legal assertions underlying the dispute (including specific reference to applicable provisions of the ISO Tariffs, or ISO Procedures, or relevant Service Agreements), and shall designate one or more authorized representatives of each of the party or parties initiating the dispute to participate in the Dispute Resolution Proceeding on their behalf.

### **11.2.2 Parties to Dispute Resolution Proceeding**

The party or parties initiating the dispute pursuant to the provisions of Section 11.2.1 and the ISO shall be parties to the Dispute Resolution Proceeding (“Parties”).

### **11.3 Informal Discussions**

Within thirty (30) days of written notice of the dispute pursuant to Section 11.2.1, senior representative(s) of each Party shall attempt in good faith to fully and finally resolve the dispute through informal discussions.

#### **11.4 Available Formal Proceedings**

In the event the Parties are unable, through informal discussions in accordance with Section 11.3 to resolve the dispute within thirty (30) days after the NYISO receives written notice of the dispute, then:

##### **11.4.1**

Upon their express written agreement, the Parties may submit all or some portion of the dispute to non-binding mediation as specified in Section 11.5; or

##### **11.4.2**

The Parties, upon their express written agreement, may submit all or some portion of the dispute to arbitration as specified in Section 11.6, provided however, if the mediation procedures are used, the Parties may submit all or some portion of the dispute to arbitration only after the conclusion of mediation that does not resolve the dispute; or

##### **11.4.3**

The Parties may commence legal proceedings before the Commission, or a court of competent jurisdiction as to any matter not within the primary or exclusive jurisdiction of the Commission, for purposes of adjudicating all or some portion of the dispute; provided, however, that if the Parties agreed in writing to submit the dispute to non-binding mediation, termination of the mediation, as certified in writing by the mediator selected by the parties, is a condition precedent to the commencement of any legal proceeding, except to the extent necessary to preserve a claim subject to expiration under an applicable statute of limitations.

## **11.5 Non-Binding Mediation**

If the Parties agree to submit all or some portion of the dispute to non-binding mediation, as specified in Section 11.4.1, they shall do so either (i) pursuant to a written agreement setting forth or adopting all necessary terms, conditions and rules of procedure governing the mediation as agreed by the Parties, or (ii) pursuant to a written agreement adopting the procedures of 11.5.1 through 11.5.3:

### **11.5.1 Selection of a Mediator**

Within ten (10) days of the Parties' written agreement to mediate, the Parties shall exchange lists of proposed mediators, and the Parties shall seek to agree on a mediator.

Any individual designated as the mediator shall make known to the Parties whether he or she is a past or present officer, employee or consultant to any of the Parties, or of any entity related to or Affiliated with any of the Parties or is otherwise interested in the matter to be mediated. Any person with such a relationship shall not be eligible to serve as the mediator, absent the express written consent of all Parties.

If the Parties are unable to agree on a mediator, they shall invoke the assistance of the Commission's Dispute Resolution Service to select a mediator.

### **11.5.2 Scope of Mediator's Duties**

The disputing parties shall attempt in good faith to resolve their dispute in accordance with the schedule established by the mediator but in no event, may the schedule extend beyond ninety (90) days from the date of appointment of the mediator.

The mediator may require the disputing parties to:

1. submit additional written statements of issue(s) and position(s), along with supporting documents or affidavits;

2. meet for discussions; and/or
3. comply with additional mediation procedures designated by the mediator.

If the Parties have not resolved the dispute within ninety (90) days after the date the mediator was appointed, then the mediator shall promptly provide the Parties with a written, confidential, non-binding recommendation to resolve the dispute. The recommendation shall include an assessment by the mediator of the merits of the principal positions being advanced by each of the Parties-. The Parties shall then meet in a good faith attempt to resolve the dispute in light of the mediator's recommendation. This recommendation shall be limited to resolving the specific issues presented for mediation.

The recommendation of the mediator, and any other statements made by any Party during the mediation process, shall not be admissible for any purpose, in any subsequent proceeding.

### **11.5.3 Costs**

Each Party will bear an equal share of the costs associated with the time, expenses and other charges of the mediator. Each Party shall bear its own costs, including attorney and expert fees.

### **11.6 Arbitration**

If the Parties agree in writing to submit all or some portion of the dispute to arbitration as specified in Section 11.4.2, they shall do so either (i) pursuant to a written agreement invoking the assistance of the Commission Dispute Resolution Service in reaching an agreement on the selection of a neutral arbitrator or arbitrators, and the adoption of all necessary terms, conditions and rules of procedure to govern an arbitration or other resolution of the dispute, or (ii) pursuant to a written agreement adopting the procedures of 11.6.1. Only if all Parties include in their

agreement, submitting all or a portion of their dispute to arbitration, that the decision of the arbitrator shall be final and binding on the Parties, shall such decision be final and binding on the Parties whether they choose to pursue the arbitration pursuant to 11.6(i) or 11.6(ii).

### **11.6.1 Procedural Provisions**

#### **11.6.1.1 Selection of an Arbitrator**

Within ten (10) days of the date the Parties submit a written agreement to invoke the arbitration provisions of this Section 11.6, and unless such written agreement has invoked the Commission's Dispute Resolution Service pursuant to Section 11.6, the Parties shall exchange lists of qualified arbitrators. No person shall be eligible for selection as an arbitrator who is a past or present officer, employee of or consultant to any of the Parties, or of an entity related to or affiliated with any of the Parties, or is otherwise interested in the matter to be arbitrated, except upon the express written consent of the Parties. Any individual designated as an arbitrator shall make known to the Parties any such disqualifying relationship or interest and a new arbitrator shall be designated, unless express written consent is provided by each Party.

If the Parties cannot agree upon an arbitrator, the Parties shall invoke the services of the Commission's Dispute Resolution Service in the selection of an arbitrator.

#### **11.6.1.2 Scope of Arbitrator's Duties**

The arbitrator shall have no power to modify or change any agreement, tariff or rule or otherwise create any additional rights or obligations for any Party. The scope of the arbitrator's decision shall be limited to the issues presented for arbitration. The arbitrator shall determine discovery procedures, intervention rights, how evidence shall be taken, what written submittals may be made, and other such procedural matters, taking into account the complexity of the issues



involved, the extent to which factual matters are disputed, and the extent to which the credibility of witnesses is relevant to a resolution. Each Party shall produce all evidence determined by the arbitrator to be relevant to the issues presented. To the extent such evidence involves proprietary or Confidential Information, the arbitrator may issue an appropriate protective order which shall be complied with by all Parties. The arbitrator may elect to resolve the arbitration matter solely on the basis of written evidence and arguments.

The arbitrator shall consider all issues underlying the dispute, and the arbitrator shall take evidence submitted by the Parties in accordance with procedures established by the arbitrator and may request additional information including the opinion of recognized technical bodies or experts. The Parties shall be afforded a reasonable opportunity to rebut any such additional information.

Absent agreement to the contrary by all Parties, no person or entity that is not among the Party or Parties initiating the dispute pursuant to Section 11.2.1 of this Tariff shall be permitted to intervene, but see Section 11.7 concerning consolidation of separate disputes.

#### **11.6.2 The Arbitration Decision**

Within ninety (90) days of the appointment of the arbitrator, and after providing the parties with an opportunity to be heard, the arbitrator shall render a written decision, including findings of fact and the legal basis for the decision. The arbitrator will follow the Commercial Arbitration Rules of the American Arbitration Association.

If the arbitrator concludes that no proposed award is consistent with the ISO Services Tariff, the ISO OATT, the FPA and Commission's then-applicable standards and policies, or would address all issues in dispute, the arbitrator may determine no award is available or the arbitrator may develop a compromise solution consistent with the terms of the ISO Services

Tariff, the ISO OATT or the FPA. In all cases, the arbitrator shall provide to the Parties a written decision including findings of fact and explaining the basis for the award, the basis for the compromise award or, if no award is available, the basis for the decision that no award is available. No award shall be deemed to be precedential in any other arbitration related to a different dispute.

#### **11.6.3 Costs**

All costs associated with the time, expenses and other charges of the arbitrators shall be borne by the unsuccessful Party. Each Party shall bear its own costs, including attorney and expert fees.

#### **11.6.4 Filing and Finality.**

All arbitration decisions that affect matters subject to the jurisdiction of the Commission shall be filed with the Commission. Any arbitration decision that affects matters subject to the jurisdiction of the PSC under the PSL may be filed with the PSC. The judgment of the arbitrator, agreed to be final and binding by written agreement of the Parties, pursuant to Section 11.6, may be entered on the award by any court in New York having jurisdiction.

Within one (1) year of the arbitration decision, a Party may request that the Commission or any other federal, state, regulatory or judicial authority (in the State of New York) having jurisdiction over such matter vacate, modify or take such other action as may be appropriate with respect to any arbitration decision that is:

1. based upon an error of law;
  2. contrary to the statutes, rules or regulations administered by such authority;
  3. violative of the Federal Arbitration Act or Administrative Dispute Resolution Act;
- or

4. based on conduct by an arbitrator that is violative of the Federal Arbitration Act or Administrative Dispute Resolution Act.

#### **11.7 Consolidation of Related Arbitration Proceedings**

Upon the written consent of all Parties who have agreed to arbitration of a dispute pursuant to Sections 11.4.2 and 11.6, and with the consent of all Parties to pending arbitration proceedings commenced pursuant to the same provision, such arbitration proceedings may be consolidated if the disputes in each proceeding (i) arise out of or relate to essentially the same set of facts or fact pattern, series or type of transactions or legal issues, and (ii) are governed by the same provisions of the ISO Tariffs and applicable law, provided however, arbitration proceedings which the Parties have agreed, pursuant to Section 11.6, shall result in a final and binding decision shall be consolidated, to the extent otherwise permitted by this section, only with other arbitration proceedings which the Parties have agreed, pursuant to Section 11.6, shall result in a final and binding decision. Any Party to an arbitration proceeding who agrees to consolidation as provided herein may not, and forever waives any right to, challenge a final award, in whole or in part, whether on appeal or otherwise, on the ground that it was prejudiced or deprived of any right by virtue of the consolidation.

#### **11.8 Ongoing Duty to Perform**

The pendency of a Dispute Resolution Proceeding under this Article 11 shall not relieve the Parties of any duty to perform their respective obligations under the ISO Tariffs, ISO Procedures, or relevant agreement.

## **11.9 Rights Under the Federal Power Act**

Nothing in Section 11 of this Tariff shall restrict the rights of any Party to file a complaint, rate or tariff or other contract change with the Commission under the relevant provisions of the Federal Power Act. No arbitrator shall select an award which requires the transmission of electricity under circumstances where the Commission is precluded from ordering Transmission Services pursuant to FPA Section 212(h).

## **15.5      Rate Schedule 5 - Payments and Charges for Black Start and System Restoration Services**

Black start and system restoration services (“Restoration Services”) are provided under the ISO’s black start and system restoration plan (“ISO Plan”) or an individual Transmission Owner’s black start and system restoration plan for its Transmission District by generating units that are capable of starting without an outside electrical supply or are otherwise integral to the restoration of the NYS Transmission System after an outage. This Rate Schedule establishes the terms under which a Generator shall provide, and be paid by the ISO for providing, Restoration Services under the ISO Plan or an individual Transmission Owner’s plan for its Transmission District. This Rate Schedule also establishes the terms under which the ISO shall recover the costs of Restoration Services payments from Customers. Provisions specific to the Consolidated Edison Company of New York, Inc. (“Consolidated Edison”) black start and system restoration plan (“Consolidated Edison Plan”) are set forth in Section 15.5.4.

### **15.5.1      Requirements**

The ISO shall develop and periodically review the ISO Plan. The ISO may amend the ISO Plan and may solicit offers for additional resources if it determines that additional Restoration Services are needed. The ISO shall establish procedures for acquiring Restoration Services and requiring that the selected Generators test their units providing Restoration Services (“Black Start Capability Test”). The ISO shall make Restoration Services payments only to those selected Generators that have appropriate equipment installed and available for service at the request of the ISO.

A Transmission Owner with a Transmission District shall develop and periodically review its black start and system restoration plan. Such Transmission Owner shall designate

generating units with the capability to provide Restoration Services to be included in its plan if it determines that the Restoration Services are needed. The ISO will make payments for such local Restoration Services to the Generators that provide them under the terms of this Rate Schedule. Generators that are obligated to provide Restoration Services as a result of divestiture contract agreements will not receive Restoration Services payments from the ISO for those services if they are already compensated as part of those divestiture contracts. Customers in the local Transmission Owner service territories will be charged for those services by the ISO under the terms of this Rate Schedule. Customers may not Self-Supply Restoration Services.

#### **15.5.2 Payments to Generators for Provision of Restoration Services Under the ISO Plan and Transmission Owners' Plans, Excluding the Consolidated Edison Plan**

By May 1st of each year, Generators selected to provide Restoration Services under the ISO Plan and under the plans developed by individual Transmission Owners with a Transmission District, except for under the Consolidated Edison Plan, must provide the following cost information to the ISO based upon FERC Form No. 1 or equivalent data:

- Capital and fixed operation and maintenance costs associated with only that equipment which provides Restoration Services capability;
- Annual costs associated with training operators in Restoration Services; and
- Annual costs associated with Black Start Capability Tests in accordance with the ISO Plan or the plan of an individual Transmission Owner.

Each Billing Period, the ISO shall pay each Generator on the basis of its costs filed with the ISO. The daily rate for Restoration Services payments will be determined by dividing the Generator's annual cost by the number of days in the year from May 1st through April 30th of the following year.

Generators that provide Restoration Services shall conduct Black Start Capability Tests that are deemed necessary and appropriate for providers of these services under the ISO

Procedures or local Transmission Owner procedures, as applicable. Any Generator that is awarded Restoration Services payments and fails a Black Start Capability Test shall forfeit all payments for such services since its last successful test. Payments to that Generator shall resume upon its successful completion of the test.

**15.5.3 Charges to Support Payments to Generators Under the ISO Plan and Individual Transmission Owners' Plans, Excluding the Consolidated Edison Plan.**

Each Billing Period, the ISO shall charge, and each Customer shall pay based on its supply of Load that is *not* used to supply Station Power as a third-party provider under Part 5 of the ISO OATT, a charge for the recovery of the costs of the ISO's payments to Generators providing Restoration Services under the ISO Plan. The charge shall be equal to: (A) the product of: (i) the Customer's share of Load in the NYCA that is *not* used to supply Station Power as a third-party provider for each hour in the Billing Period, and (ii) the ISO's total payments to Generators providing Restoration Services under the ISO Plan under Section 15.5.2 to this Rate Schedule for the Billing Period, divided by the total number of hours in the Billing Period, (B) summed for all hours in the Billing Period.

Each Billing Period, the ISO shall charge, and each Customer shall pay based on its supply of Load that is used to supply Station Power as a third-party provider under Part 5 of the ISO OATT, a charge for the recovery of the costs of the ISO's payments to Generators providing Restoration Services under the ISO Plan. The charge shall be equal to: (A) the product of: (i) the Customer's share of Load in the NYCA that is used to supply Station Power as a third-party provider for each day in the Billing Period, and (ii) the ISO's total payments to Generators providing Restoration Services under the ISO Plan under Section 15.5.2 to this Rate Schedule for the Billing Period, divided by the total number of days in the Billing Period, (B) summed for all

days in the Billing Period. The ISO shall credit these daily charge amounts to Customers based on their share of the Load in the NYCA that is not used to supply Station Power as a third-party provider for that day. The ISO shall sum these daily credits for all days in the Billing Period.

A Customer will be responsible for the following additional charge if the Transmission Owner in whose Transmission District the Customer is located maintains a Restoration Services plan, except with respect to the Consolidated Edison Plan, the cost recovery requirements of which are set forth in Section 15.5.4.2 to this Rate Schedule. Each Billing Period, the ISO shall charge, and each Customer in the local Transmission Owner's Transmission District shall pay, a charge for the recovery of the costs of the ISO's payments to Generators providing Restoration Services under the Transmission Owner's local Restoration Services plan. This charge shall be equal to: (A) the product of: (i) the Customer's share of Load in the Transmission Owner's Transmission District for each hour in the Billing Period, and (ii) the ISO's total payments to Generators providing Restoration Services under the Transmission Owner's Restoration Services plan under Section 15.5.2 to this Rate Schedule for the Billing Period, divided by the total number of hours in the Billing Period, (B) summed for all hours in the Billing Period.

#### **15.5.4 Payments to Generators Providing Restoration Services Under the Consolidated Edison Plan and Recovery of Associated Costs**

A Generator that provides Restoration Services under the Consolidated Edison Plan shall provide, and be paid for providing, Restoration Services under the terms set forth in Section 15.5.4.1 and Appendix I to this Rate Schedule. If Consolidated Edison determines that additional Restoration Services are needed, it may from time to time designate for inclusion in the Consolidated Edison Plan: (i) an existing generating unit that is capable of providing Restoration Services but that is not currently doing so, or (ii) a generating unit for which the Generator has provided notice to withdraw from the Consolidated Edison Plan pursuant to



Section 15.5.4.1.1. A generating unit designated by Consolidated Edison may elect to participate in the Consolidated Edison Plan; otherwise it shall be required to participate in the Consolidated Edison Plan unless the ISO determines that: (i) the generating unit would not provide a material benefit to system restoration in Zone J, or (ii) the Generator shows good cause that it would be unduly burdensome or unreasonable to require it to provide Restoration Services from the designated generating unit.

The provision of Restoration Services will be deemed to provide a material benefit to system restoration in Zone J if, among other things, it would materially improve the speed, adequacy, or flexibility of the Consolidated Edison Plan for restoring electric service in Zone J in a safe, orderly, and prompt manner following a major system disturbance.

To facilitate the ISO's determination regarding material benefit, Consolidated Edison shall provide a study and/or other documentation, performed at its own expense, supporting the conclusion that the designated generating unit would provide a material benefit for system restoration in Zone J. Consolidated Edison's documentation must: (i) include its assessment of the adequacy of resources already committed to provide Restoration Services under the Consolidated Edison Plan and the need for additional resources, (ii) describe the manner in which the designated generating unit would provide a material benefit for system restoration in Zone J, and (iii) summarize alternative solutions evaluated, if applicable, and indicate whether other generating units would provide the particular material benefit identified. Consolidated Edison shall provide its documentation to the ISO and the relevant Generator, subject to appropriate confidentiality protections. Upon request, Consolidated Edison shall provide the documentation to other parties that have a direct interest in this matter, subject to appropriate confidentiality protections.

If the Generator asserts that good cause exists for not requiring its generating unit to participate in the Consolidated Edison Plan, it must seek an exemption from the ISO. The Generator shall provide a study or other documentation demonstrating the engineering, technical, financial, environmental, and/or other reasons that provision or continued provision of Restoration Services by the designated generating unit would be unduly burdensome or unreasonable. The Generator shall provide its documentation to the ISO and Consolidated Edison, subject to appropriate confidentiality protections. The Generator may provide the documentation to other parties that have a direct interest in this matter as well, subject to appropriate confidentiality protections. In making its determination, the ISO may rely on the supporting documentation provided by the Generator and Consolidated Edison, along with any information developed by the ISO.

If the ISO determines that good cause exists to grant a requested exemption, the designated generating unit will not be required to participate in the Consolidated Edison Plan. Otherwise, the designated generating unit will be required to participate in the Consolidated Edison Plan and will be assigned by the ISO to a Commitment Group under Section 15.5.4.1.1. The ISO shall inform NYSRC of a designated generating unit's request for an exemption and the ISO's determination under this Section 15.5.4.

A Generator's unit that is designated by Consolidated Edison to participate in the Consolidated Edison Plan, and is not granted an exemption under this Section 15.5.4 shall provide, and be paid for providing, Restoration Services under the terms set forth in Section 15.5.4.1 and Appendix I to this Rate Schedule.

The ISO shall recover the costs of the payments established in Section 15.5.4.1 from Customers in the Consolidated Edison Transmission District under the terms set forth in Section 15.5.4.2.

Within thirty (30) days of receipt of an updated Consolidated Edison Plan, including changes to unit designations as described in this section, the ISO will file a copy with FERC on an informational basis with a non-public Critical Energy Infrastructure Information designation.

#### **15.5.4.1 Payments to Generators that Provide Restoration Services Under the Consolidated Edison Plan**

##### **15.5.4.1.1 Commitment Requirements for Restoration Services**

Each generating unit committed to provide Restoration Services under the Consolidated Edison Plan before November 1, 2012, was included in one of three groups (“Commitment Groups”) with the following initial commitment periods:

Commitment Group 1: November 1, 2012, through April 30, 2015.

Commitment Group 2: November 1, 2012, through April 30, 2016.

Commitment Group 3: November 1, 2012, through April 30, 2017.

The ISO shall assign a generating unit subsequently designated to provide Restoration Services under the Consolidated Edison Plan to one of these Commitment Groups.

At the conclusion of each commitment period, a generating unit shall begin a new three (3) year commitment period to provide Restoration Services under the Consolidated Edison Plan; provided, however, that the unit shall not begin a new commitment period if the Generator or Consolidated Edison provides the ISO with notice at least two years prior to the conclusion of the previous commitment period that the unit will no longer be part of the Consolidated Edison Plan following the conclusion of that commitment period.

Notwithstanding the foregoing, a unit previously designated under Section 15.5.4 shall be required to begin a new commitment period if: (i) Consolidated Edison provides the ISO and the Generator with notice at least one year prior to the conclusion of the previous commitment period that the unit continues to be required to provide a material benefit to system restoration in Zone J, (ii) and the ISO determines that the unit should continue to provide service in accordance with the designation requirements in Section 15.5.4, including the opportunity for the Generator to request an exemption.

Consolidated Edison shall not remove from the Consolidated Edison Plan a new or repowered unit that was required to provide Restoration Services in the Consolidated Edison Plan pursuant to, as applicable, Section 30.2.5 of Attachment X or Section 40.2.12 of Attachment HH to the ISO OATT before the Generator recovers the incremental capital costs it incurred in installing the Restoration Services capability for its unit. The Generator shall be deemed to have recovered these costs: (a) twenty-five years from the start of the unit's provision of Restoration Services if the Generator is taking payment pursuant to Section 15.5.4.1.3.1 to this Rate Schedule, or (b) over the period set forth in the Generator's unit-specific rate approved by FERC pursuant to Section 15.5.4.1.3.2 to this Rate Schedule. If a Generator withdraws its unit from the Consolidated Edison Plan before the completion of this time period, it will forfeit its entitlement to recover its incremental capital costs.

If a Generator withdraws a unit from the ISO's energy and capacity markets, the unit may cease its provision of Restoration Services at the same time without completing its commitment period. If the Generator returns the unit to the ISO's energy and capacity markets within three years of its withdrawal, the unit shall be required to provide Restoration Services for that portion of its commitment period that it had not completed.

#### **15.5.4.1.2 Generator Testing and Training Requirements**

A Generator shall conduct an annual Black Start Capability Test of each unit committed to provide Restoration Services under the Consolidated Edison Plan in accordance with the test protocols required by the Reliability Rules and applicable reliability standards and set forth in ISO Procedures. A Generator shall also identify its unit's critical Restoration Services equipment, maintain this equipment and perform tests to verify the condition of this critical equipment in accordance with good utility practice. Upon the performance of a Black Start Capability Test for its unit, the Generator shall submit a certification to the ISO each year – in the form provided in Appendix II to this Rate Schedule – indicating whether its unit has successfully completed its annual Black Start Capability Test and certifying that it maintains and tests the unit's critical Restoration Services equipment in accordance with good utility practice. The Generator shall also ensure that all appropriate personnel are trained in Restoration Services operations.

#### **15.5.4.1.3 Payments to Generators for Providing Restoration Services Under the Consolidated Edison Plan**

##### **15.5.4.1.3.1 Standard Compensation**

Except as set forth in Section 15.5.4.1.3.2 to this Rate Schedule, the ISO shall pay a Generator each Billing Period the pro rata share of the sum of the annual payment amounts for the provision of Restoration Services under the Consolidated Edison Plan at each of the Generator's facilities, as determined for each facility as follows.

The ISO shall calculate the annual Restoration Services payment amount for each Generator's facility for the compensation period of May 1 of each year through the following April 30; *provided, however*, the ISO shall recalculate the annual Restoration Services payment amount if, during the May 1 through April 30 compensation period, one of the Generator's units

withdraws from the Consolidated Edison Plan pursuant to Section 15.5.4.1.1 to this Rate Schedule or fails a Black Start Capability Test pursuant to Section 15.5.4.1.3.4 to this Rate Schedule.

The annual Restoration Services payment amount for each Generator's facility shall be equal to the sum of the annual payment amounts, calculated according to the following formula, for: (i) each unit at a Generator's facility providing Restoration Services under the Consolidated Edison Plan that is the sole user of equipment necessary to black start the unit and is not designated with other units as a group by the ISO ("Sole Black Start Unit"), and (ii) each group of units at the Generator's facility providing Restoration Services under the Consolidated Edison Plan that share the equipment necessary to black start the units or are otherwise designated as a group by the ISO ("Black Start Unit Group"). The ISO shall designate a Generator's unit as a Sole Black Start Unit or as part of a Black Start Unit Group at the start of the unit's commitment period, and this designation shall not be subject to change for the duration of the unit's commitment period.

$$RSPayment_{AnnBSU} = ActRSUnits_{BSU} \times \left[ \frac{RSSICap_{Ann} + RSSIO\&M_{Ann} + RSAddCap_{Ann} + RSAddO\&M_{Ann}}{DesRSUnits_{BSU}} \right]$$

Where:

BSU = The Sole Black Start Unit or the Black Start Unit Group.

$RSPayment_{AnnBSU}$  = The annual amount, in \$, that the ISO shall pay a Generator for the Sole Black Start Unit or the Black Start Unit Group providing Restoration Services under the Consolidated Edison Plan.

$DesRSUnits_{BSU}$  = The number of units in the Sole Black Start Unit or the Black Start Unit Group designated by Consolidated Edison as participants in the Consolidated Edison Plan.

$ActRSUnits_{BSU}$  = The number of units in the Sole Black Start Units or the Black Start Unit Group actually participating in the Consolidated Edison Plan, which shall not include any unit designated by Consolidated Edison as a participant in the Consolidated Edison Plan that has withdrawn from the plan pursuant to Section 15.5.4.1.1 to this Rate Schedule or has failed a Black Start Capability Test pursuant to Section 15.5.4.1.3.4 to this Rate Schedule.

$RSSICap_{Ann}$  = The station-level capital payment amount, in \$, for the Sole Black Start Unit or for one unit of the Black Start Unit Group, as specified in the “Station-level” column of Table A, below, on the basis of that unit’s size.

$RSSIO\&M_{Ann}$  = The station-level operating and maintenance amount, in \$, for the Sole Black Start Unit or for one unit of the Black Start Unit Group, as specified in the “Station-level” column of Table B, below, on the basis of the unit’s size.

$RSAddCap_{Ann}$  = The sum of the incremental capital payment amounts, in \$, for the remaining units in the Black Start Unit Group, as specified in the “Additional Resource” column of Table A, below, on the basis of the remaining units’ sizes.

$RSAddO\&M_{Ann}$  = The sum of the incremental operating and maintenance payment amounts, in \$, for the remaining units in the Black Start Unit Group, as specified in the “Additional Resource” column in Table B, below, on the basis of the remaining units’ sizes.

**Table A - Restoration Services Capital Payments**

Resource Type	Station-level Capital Payment	Additional Resource Capital Payment
$MVA \leq 10$	\$21,770	\$10,880
$10 < MVA \leq 60$	\$214,570	\$10,880
$60 < MVA \leq 90$	\$248,460	\$10,880
$90 < MVA \leq 300$ , Small Starting Requirement	\$414,980	\$10,880
$90 < MVA \leq 300$ , Medium Starting Requirement	\$957,920	\$10,880
$90 < MVA \leq 300$ , Large Starting Requirement	\$1,785,080	\$10,880
$300 < MVA$ , Large Starting Requirement	\$1,833,750	\$32,650

**Table B - Restoration Services O&M Payments**

<b>Resource Type</b>	<b>Station-level O&amp;M Payment</b>	<b>Additional Resource O&amp;M Payment</b>
MVA $\leq$ 10	\$22,335	\$6,040
10 < MVA $\leq$ 60	\$42,295	\$8,200
60 < MVA $\leq$ 90	\$49,850	\$10,140
90 < MVA $\leq$ 300, Small Starting Requirement	\$118,255	\$33,665
90 < MVA $\leq$ 300, Medium Starting Requirement	\$252,265	\$65,600
90 < MVA $\leq$ 300, Large Starting Requirement	\$388,865	\$65,820
300 < MVA, Large Starting Requirement	\$414,540	\$77,685

The figures in Tables A and B are determined as of 2011. The ISO shall adjust these figures annually using the “Gas Turbogenerators” subcategory of the “Other Production Plant” category of the Handy Whitman Index for the North Atlantic Region.

#### **15.5.4.1.3.2 Unit-Specific Compensation**

A Generator shall be entitled to recover through this ISO Services Tariff the actual, incremental cost of its unit’s or units’ provision of Restoration Services under the Consolidated Edison Plan. If the Generator determines that its actual, incremental cost of providing Restoration Services to the ISO from its unit(s) exceeds the payment amount determined under Section 15.5.4.1.3.1 to this Rate Schedule, the Generator shall submit to the ISO actual incremental cost documentation showing: (1) that the actual, incremental costs are reasonably and prudently incurred, (2) that the actual incremental costs are incurred solely for the purpose of providing Restoration Services, and (3) that the actual incremental costs exceed the payment amount determined under Section 15.5.4.1.3.1 to this Rate Schedule. Within thirty (30) days of receipt of all necessary documentation, or longer if the parties agree, the ISO will file at FERC, jointly with the Generator, the information provided by the Generator along with the proposed



tariff appendix. The Generator will retain the burden to show that its unit(s)-specific rate request meets the cost showing requirements outlined in this section. NYISO may subsequently comment on the substance of the proposed filing during the FERC noticed comment period. Upon approval by FERC, the Generator's unit(s)-specific rate shall be included as an appendix to this Rate Schedule. In such case, the ISO shall pay a Generator each Billing Period the pro rata share of the FERC-approved annual rate for its unit(s), except as set forth in Section 15.5.4.1.3.4 to this Rate Schedule. The ISO shall recover the costs of these payments from Customers in the Consolidated Edison Transmission District under Section 15.5.4.2 to this Rate Schedule.

#### **15.5.4.1.3.3 Eligibility for Additional Cost Recovery**

The ISO shall reimburse Generators for equipment damage if the ISO reasonably finds: (1) the damage resulted from operating such equipment in response to operational orders from the ISO, or Consolidated Edison, pursuant to the ISO Tariffs, (2) that reasonably available and customary insurance was not available for the damages incurred, and (3) the damage would not have occurred but for the Generator's provision of Restoration Services. The burden of making such showings shall be upon the Generator.

The payments for each Billing Period shall also include compensation for legitimate, verifiable, and adequately documented costs incurred solely as a result of a Generator's compliance with NERC critical infrastructure protection ("CIP") reliability standards applicable to the provision of Restoration Services, *i.e.*, a CIP cost that would not have been incurred if it were not providing Restoration Services. The Generator shall provide such invoices to the ISO, which will review and determine if compensation is appropriate.

#### **15.5.4.1.3.4 Forfeiture of Payments As a Result of Failed Black Start Capability Tests**

If a Generator's unit fails a Black Start Capability Test, the Generator shall forfeit all Restoration Service payments for that unit under Sections 15.5.4.1.3.1 and 15.5.4.1.3.2 from the date of the failed test; provided, however, that if the Generator's unit successfully completes the Black Start Capability Test within thirty days of the failed test, the Generator shall not forfeit its payments. This thirty-day period may be extended if agreed upon by the ISO, the Generator, and Consolidated Edison. If the Generator does not successfully complete its Black Start Capability Test within this thirty day, or extended, period and successfully completes the test at a later date, it shall receive its Restoration Services payments only from the date of the later, successful test going forward.

#### **15.5.4.2 Charges to Support Payments to Generators Under the Consolidated Edison Plan**

Each Billing Period, the ISO shall charge, and each Customer in the Consolidated Edison Transmission District shall pay based on its supply of Load in that Transmission District that is *not* used to supply Station Power as a third-party provider under Part 5 of the ISO OATT, a charge for the recovery of the ISO's payments to Generators providing Restoration Services under the Consolidated Edison Plan under Section 15.5.4.1 to this Rate Schedule. This charge shall be equal to: (A) the product of : (i) the Customer's share of Load in the Consolidated Edison Transmission District that is not used to supply Station Power as a third-party provided for each hour in the Billing Period, and (ii) the ISO's total payments to Generators for Restoration Services under the Consolidated Edison Restoration Plan under Sections 15.5.4.1 for the Billing Period, divided by the total number of hours in the Billing Period, (B) summed for all hours in the Billing Period.

Each Billing Period, the ISO shall charge, and each Customer in the Consolidated Edison Transmission District shall pay based on its supply of Load in that Transmission District that is used to supply Station Power as a third-party provider under Part 5 of the ISO OATT, a charge for the recovery of the ISO's payments to Generators providing Restoration Services under the Consolidated Edison Plan under Section 15.5.4.1 to this Rate Schedule. This charge shall be equal to: (A) the product of: (i) the Customer's share of Load in the Consolidated Edison Transmission District that is used to supply Station Power as a third-party provided for each day in the Billing Period, and (ii) the ISO's total payments to Generators for Restoration Services under the Consolidated Edison Restoration Plan under Section 15.5.4.1 for the Billing Period, divided by the total number of days in the Billing Period, (B) summed for all days in the Billing Period. The ISO shall credit these daily charge amounts to Customers based on their share of Load in the NYCA that is not used to supply Station Power as a third-party provider for that day. The ISO shall sum these daily credits for all days in the Billing Period.

## 23.2 Conduct Warranting Mitigation

### 23.2.1 Definitions

The following definitions are applicable to this Attachment H:

For purposes of Section 23.4.5 of this Attachment H, “**Additional CRIS MW**” shall mean the MW of Capacity for which CRIS was requested for an Examined Facility pursuant to the provisions in ISO OATT Sections 25, 30, ~~or 32, or 40~~ (OATT Attachments S, X, ~~or Z, or HH~~), including either: (i) all, or a portion, of the MW of Capacity of that Examined Facility for which CRIS had not been obtained in prior Class Years through a prior Class Year process, in prior Cluster Studies through a prior Cluster Study Process, or through a transfer completed in accordance with OATT Sections 25 or 40 (OATT Attachment S or HH); and/or (ii) all, or a portion, of an increase in the Capacity of that Examined Facility. Additional CRIS MW does not include any MW quantity of CRIS that is exempt from an Offer Floor pursuant to Section 23.4.5.7.7(a) or (b), Section 23.4.5.7.8, or an increase of 2 MW or less in an Examined Facility’s MW quantity of CRIS obtained pursuant to Section 30.3.2.6 of Attachment X or Section 40.5.6.6 of Attachment HH to the OATT.

“**Additional SDU Study**” shall mean a deliverability study that an Interconnection Customer Developer may elect to pursue as that term is defined in as applicable, OATT Section 25 or 40 (OATT Attachment S or HH).

For purposes of Section 23.4.5 of this Attachment H, “**Affiliated Entity**” shall mean, with respect to a person or Entity:

- i) all persons or Entities that directly or indirectly control such person or Entity;
- ii) all persons or Entities that are directly or indirectly controlled by or under common control with such person or Entity, and (1) are authorized under ISO Procedures to participate in a market for Capacity administered by the ISO, or (2) possess, directly or indirectly, an ownership, voting or equivalent interest of ten percent or more in a Mitigated Capacity Zone Installed Capacity Supplier;
- iii) all persons or Entities that provide services to such person or Entity, or for which such person or Entity provides services, if such services relate to the determination or submission of offers for Unforced Capacity in a market administered by the ISO or offers of capacity from a Generator electrically located in a MCZ Import Constrained Locality; or
- iv) all persons or Entities, except if for ISP UCAP MW or an RMR Generator, with which such person or Entity has any form of agreement under which such person or Entity has retained or has conferred rights of (i) Control of Unforced Capacity or (ii) the ability to determine the quantity or price of offers to supply capacity from a Generator that has Capacity Resource Interconnection Service, pursuant to the applicable provisions of Attachments S, X, Z, or HH to the ISO ~~OATT Attachment S and Attachment Z~~ and is electrically located in an MCZ

Import Constrained Locality, even if such capacity does not meet the requirements to be Unforced Capacity.

In the foregoing definition, “**control**” means the possession, directly or indirectly, of the power to direct the management or policies of a person or Entity, and shall be rebuttably presumed from an ownership, voting or equivalent interest of ten percent or more.

~~**Annual Transmission Baseline Assessment:** means an assessment conducted by the ISO as defined in OATT Section 25 (OATT Attachment S).~~

**Catastrophic Failure:** shall mean a Forced Outage initially suffered by a Generator which would have reasonably required a repair time of at least 270 days, from the date of the event resulting in the Forced Outage, had it, or a comparable Forced Outage been suffered at a generating facility that is reasonably the same as or similar to the Generator’s, the owner of which is intending to return it to service. Repair time includes the reasonable number of days for initial clean up, safety inspections, engineering assessment; damage assessment, cost estimates; site prep and clean up, equipment orders, and actual repair, provided the foregoing are necessitated by the Catastrophic Failure. The determination that a Generator has suffered a Catastrophic Failure shall be based on a technical/engineering evaluation, shall be made by the ISO, and may be made at any time following the event that caused the Forced Outage provided that adequate information is provided to the ISO to support such determination.

“**Class Year Study**” means a Class Year Interconnection Facilities Study as that term is defined in OATT Section 25 (OATT Attachment S).

“**Cleared UCAP**” means the amount of MW (rounded down to the nearest tenth of a MW) that had been subject to an Offer Floor but has cleared in accordance with Section 23.4.5.7.

**Cluster Baseline Assessment** means an assessment conducted by the ISO as defined, as applicable, in OATT Section 25 or 40 (OATT Attachment S or HH). Cluster Baseline Assessment shall include the term “Annual Transmission Baseline Assessment” as that term is defined in Section 25 of the ISO OATT (Attachment S).

“**Cluster Study**” means a Cluster Study as that term is defined in OATT Section 40 (OATT Attachment HH).

“**Cluster Study Phase I Start Date**” shall mean the Phase 1 Study Start Date as that term defined in Section 40.1 to the ISO OATT.

“**Commenced Construction**” shall mean (a) all of the following site preparation work is completed: ingress and egress routes exist; the site on which the Project will be located is cleared and graded; there is power service to the site; footings are prepared; and foundations have been poured consistent with purchased equipment specifications and project design; or (b) the following financial commitments have been made: (i) (A) an engineering, procurement, and construction contract (“EPC”) has been executed by all parties and is effective; or (B) contracts (collectively, “EPC Equivalents”) for all of the following have been executed by all parties and is effective: (1) project engineering, (2) procurement of all major equipment, and (3) construction of the Project, and (ii) the cumulative payments made by the ~~Developer~~ Interconnection

Customer under the EPC or EPC Equivalents to the counterparties to those respective agreements is equal to at least thirty (30) percent of the total costs of the EPC or EPC Equivalents.

**“Competitive and Non-Discriminatory Hedging Contract”** shall mean a contract to hedge a risk associated with a product offered in the ISO Administered Markets between a Non-Qualifying Entry Sponsor and the ~~Developer~~Interconnection Customer, Owner or Operator of an Examined Facility with a term that shall not exceed three years (inclusive of all options to extend and extensions) and that the ISO determines has been executed pursuant to a procurement process that satisfies the requirements enumerated below. Competitive and Non-Discriminatory Hedging Contracts shall not be deemed to be a non-qualifying contractual relationship that would prevent an Examined Facility from obtaining a Competitive Entry Exemption pursuant to 23.4.5.7.9 of Attachment H of this Services Tariff. The ISO shall determine that a contract is a Competitive and Non-Discriminatory Hedging Contract only if it concludes, and the Non-Qualifying Entry Sponsor executes a certification confirming that, the contract was executed through a procurement process that met all of the following requirements: (A) both new and existing resources satisfy the requirements of the procurement; (B) the requirements of the procurement were fully objective and transparent; (C) the contract was awarded based on the lowest cost offers of qualified bidders that responded to the solicitation; (D) the procurement terms did not restrict the type of capacity resources that may participate in, and satisfy the requirements of, the procurement; (E) the procurement terms did not include selection criteria that could otherwise give preference to new resources; and (F) the procurement terms did not use indirect means to discriminate against existing resources, including, but not limited to, by imposing geographic constraints, unit fuel requirements, maximum unit heat-rate requirements or requirements for new construction.

**“Constrained Area”** shall mean: (a) the In-City area, including any areas subject to transmission constraints within the In-City area that give rise to significant locational market power; and (b) any other area in the New York Control Area that has been identified by the ISO as subject to transmission constraints that give rise to significant locational market power, and that has been approved by the Commission for designation as a Constrained Area.

For purposes of Section 23.4.5 of this Attachment H, **“Control”** with respect to Unforced Capacity shall mean the ability to determine the quantity or price of offers to supply Unforced Capacity from a Mitigated Capacity Zone Installed Capacity Supplier submitted into an ICAP Spot Market Auction; but excluding ISP UCAP MW or UCAP from an RMR Generator.

For purposes of Section 23.4.5.6 of this Attachment H, **“CRIS Transfer Confirmation Date”** shall mean the date in which the transferor and transferee confirms the proposed CRIS transfer (e.g., through a CRIS transfer notification form submitted prior to August 1st for same location CRIS transfers for active facilities looking to transfer CRIS rights for the next Capability Year) and is considered by ISO, in consultation with the Market Monitoring Unit, to be a date which will become, essentially and practicably, an irreversible action for the transferor with respect to effectuating the CRIS transfer and for purposes with respect to the ~~NY~~ISO’s issuance of a final physical withholding determination to the transferor.

For purposes of Section 23.4.5.7 “**CRIS MW**” shall mean the MW of Capacity for which CRIS was assigned to a Generator or UDR project pursuant to ISO OATT Sections 25, 30, ~~or 32, or 40~~ (OATT Attachments S, X, ~~or Z, or HH~~).

~~“Developer” shall have the meaning specified in the ISO’s Open Access Transmission Tariff.~~

“**Electric Facility**” shall mean a Generator, an Aggregation or an electric transmission facility.

For purposes of Section 23.4.5 of this Attachment H, “**Entity**” shall mean a corporation, partnership, limited liability corporation or partnership, firm, joint venture, association, joint-stock company, trust, unincorporated organization or other form of legal or juridical organization or entity.

~~Beginning with the Class Year immediately following Class Year 2021, subsequent Class Year Studies, Additional SDU Studies, and Expedited Deliverability Studies that are commenced after August 1, 2022, the ISO will establish an “**Estimated Initial Decision Period**” to be twelve months from the Class Year Study Start Date and three months from the Expedited Deliverability Study Start Date for the purpose of establishing the starting Capability Years for the Part A Mitigation Study Period Years 1 through 3 and Part A Mitigation Study Period Years 4 through 6.~~

“**Examined Facility**” shall mean (I) each proposed new Generator and proposed new UDR project, and each existing Generator that has ERIS only and no CRIS, that is a member of the Class Year Study or Cluster Study, Additional SDU Study or Expedited Deliverability Study that requested CRIS, or that requested an evaluation of the transfer of CRIS rights from another location in the Class Year ~~Facilities~~ Study or Cluster Study commencing in the calendar year in which the Class Year ~~Facility~~ Study determination is being made (the Capability Periods of expected entry as further described below in this Section, the “Mitigation Study Period”), and (II) each (i) existing Generator that did not have CRIS rights, and (ii) proposed new Generator and proposed new UDR project, provided such Generator under Subsection (i) or (ii) is an expected recipient of transferred CRIS rights at the same location regarding which the ISO has been notified by the transferor or the transferee of a transfer pursuant to as applicable, OATT Attachment S Section 25.9.4 of Attachment S or Section 40.18.3 of Attachment HH to the ISO OATT that will be effective on a date within the Mitigation Study Period (“Expected CRIS Transferee”). The term “Examined Facilities” does not include any facility exempt from an Offer Floor pursuant to the provisions of Section 23.4.5.7.7; or any Generator or UDR project that meets the definition of Excluded Facilities below. The term “Generator” includes each Generator that plans to participate in a DER Aggregation.

“**Exceptional Circumstances**”: shall mean one or more unavoidable circumstances, as determined by the ISO, that individually or collectively render as unavailable the data necessary for the ISO to perform an audit and review of a Market Party, pursuant to Section 23.4.5.6.2 of this Services Tariff. Exceptional Circumstances may include, but are not limited to: the inaccessibility of the physical facility; the inaccessibility of necessary documentation or other data; and the unavailability of information regarding the regulatory obligations with which the

Market Party will be required to comply in order to return its Generator to service which regulatory obligations are not yet known but which will be made known by the applicable regulatory authority under existing laws and regulations provided that none of the above described circumstances are the result of delay or inaction by the Market Party. The magnitude of the repair cost, alone, shall not be an Exceptional Circumstance.

**Excluded Facilities** shall mean Resources or UDR project(s) that are qualified to satisfy the goals specified in the New York State Climate Leadership and Community Protection Act, Chapter 106 of the Laws of 2019, as may be amended (“CLCPA”) and such Resources and UDR Projects will not be subject to review by the NYISO under the BSM rules or otherwise subject to an Offer Floor. Excluded Facilities shall include but are not limited to Resources comprised exclusively of one or more the following technologies: energy storage, demand response, wind generation, solar generation, geothermal generation, hydroelectric generation (which may also include generation created by tidal, wave and other ocean activity), and fuel cells that operate without utilizing fossil fuel. Excluded Facilities will also include Resources using additional technology types not explicitly listed above and UDR projects that satisfy the CLCPA goals, if the Developer, Owner or Operator of the Resource or UDR project certifies in accordance with Section 23.4.5.7.5 of this Services Tariff and ISO Procedures that the Resource or UDR Project meets one of the following criteria: (i) the Resource technology type is specifically identified by the CLCPA or is publicly identified by New York State as supporting the goals of the CLCPA; (ii) the Resource or UDR project has a contract with the State of New York to achieve the goals of the CLCPA (such as a Tier 1 or Tier 4 contract with NYSERDA); or (iii) the Resource or UDR project is eligible to receive a contract authorized by New York State that is supporting the goals of the CLCPA (such as a Tier 1 or Tier 4 contract with NYSERDA).

“**Expedited Deliverability Study**” shall mean a deliverability study that an eligible ~~Developer~~ Interconnection Customer may elect to pursue as that term is defined in OATT Section ~~25-40~~ (OATT Attachment ~~SHH~~) that may determine the extent to which an existing or proposed facility satisfies the NYISO Deliverability Interconnection Standard at its requested CRIS level without the need for System Deliverability Upgrades. The schedule and scope of the study is defined in ~~Sections 25.5.9.2.1 and 25.7.1.2 of this~~ Attachment ~~SHH~~.

“**Final Decision Round**” shall have the meaning specified, as applicable, in Section 25 ~~or 40~~ (Attachment S ~~or HH~~) of the ISO’s Open Access Transmission Tariff.

For purposes of Section 23.4.5 of this Attachment H, “**Going-Forward Costs**” shall mean: either (a) the costs, including but not limited to mandatory capital expenditures necessary to comply with federal or state environmental, safety or reliability requirements that must be met in order to supply Installed Capacity, net of anticipated energy and ancillary services revenues, as determined by the ISO as specified in Section 23.4.5.3, for each of the following instances, as applicable, of supplying Installed Capacity that could be avoided if an Installed Capacity Supplier otherwise capable of supplying Installed Capacity were either (1) to cease supplying Installed Capacity and Energy for a period of one year or more while retaining the ability to re-enter such markets, or (2) to retire permanently from supplying Installed Capacity and Energy; or (b) the opportunity costs of foregone sales outside of a Mitigated Capacity Zone, net of costs that would have been incurred as a result of the foregone sale if it had taken place.



For purposes of Section 23.4.5 of this Attachment H, “**Indicative Mitigation Net CONE**” shall mean the capacity price calculated by the ISO for informational purposes only if there is not an effective ICAP Demand Curve and the Commission (i) has accepted an ICAP Demand Curve for the Mitigated Capacity Zone that will become effective when the Mitigated Capacity Zone is first effective, in which case, the Indicative Mitigation Net CONE shall be the capacity price on such ICAP Demand Curve for the Mitigated Capacity Zone corresponding to the average amount of excess capacity above the Indicative NCZ Locational Minimum Installed Capacity Requirement, as applicable, expressed as a percentage of that requirement that formed the basis for the ICAP Demand Curve accepted by the Commission; or, (ii) has not accepted an ICAP Demand Curve for the Mitigated Capacity Zone, but the ISO has filed an ICAP Demand Curve for the Mitigated Capacity Zone pursuant to Services Tariff Section 5.14.1.2.2.4.11, in which case the Indicative Mitigation Net CONE shall be the capacity price on such ICAP Demand Curve corresponding to the average amount of excess capacity above the Indicative NCZ Locational Minimum Installed Capacity Requirement, expressed as a percentage of that requirement, that formed the basis for such ICAP Demand Curve.

~~“**Initial Decision Period**” shall have the meaning specified in Section 25 (Attachment S) of the ISO’s Open Access Transmission Tariff.~~

“**Initial Decision Round**” shall have the meaning specified in Section 40 (Attachment HH) of the ISO OATT. Initial Decision Round shall include the term Initial Decision Period as that term is defined in Section 25 of the ISO OATT (Attachment S).

“**Interconnection Customer**” shall have the meaning specified in Section ~~4032~~ (Attachment ~~ZHH~~) of the ISO’s Open Access Transmission Tariff. Interconnection Customer shall include the term Developer as that term is defined in Section 25 or 30 of the ISO OATT (Attachment S or X).

“**Interconnection Facilities Study Agreement**” shall have the meaning specified in Section 30 (Attachment X) of the ISO’s Open Access Transmission Tariff.

“**Market Monitoring Unit**” shall have the same meaning in these Mitigation Measures as it has in Attachment O.

“**Market Party**” shall mean any person or entity that is, or for purposes of the determinations to be made pursuant to Section 23.4.5.7 of this Attachment H proposes or plans a ~~-Project -that~~ would be, a buyer and/or a seller in; or that makes bids or offers to buy or sell in; or that schedules or seeks to schedule Transactions with the ISO in or affecting any of the ISO Administered Markets including through the submission of bids or offers into any External Control Area, or any combination of the foregoing.

For purposes of Section 23.4.5 of this Attachment H, “**Mitigated UCAP**” shall mean one or more megawatts of Unforced Capacity that are subject to Control by a Market Party that has been identified by the ISO as a Pivotal Supplier.

For purposes of Section 23.4.5 of this Attachment H, “**Mitigation Net CONE**” shall mean the capacity price on the currently effective ICAP Demand Curve for the Mitigated Capacity Zone corresponding to the average amount of excess capacity above the Mitigated Capacity Zone Installed Capacity requirement, expressed as a percentage of that requirement, that formed the basis for the ICAP Demand Curve approved by the Commission.

“**Mitigation Study Period**” shall mean the duration of time extending six consecutive Capability Periods and beginning with the Starting Capability Period associated with a Class Year Study, Cluster Study, Additional SDU Study, and/or Expedited Deliverability Study.

“**NCZ Examined Project**” shall mean any Generator or UDR project that is not an Excluded Facility and that is not exempt pursuant to 23.4.5.7.8 and either (i) is in a Class Year or Cluster Study on the date the Commission accepts the first ICAP Demand Curve to apply to a Mitigated Capacity Zone or (ii) meets the criteria found in (II) of the definition of Examined Facility above. An NCZ Examined Project may be at any phase of development or in operation or an Installed Capacity Supplier.

For purposes of Section 23.4.5 of this Attachment H, “Net Cost of New Entry”, or “**Net CONE**” shall mean the localized levelized embedded costs of a peaking unit in a Mitigated Capacity Zone, net of the likely projected annual Energy and Ancillary Services revenues of such unit, as determined in connection with establishing the Demand Curve for a Mitigated Capacity Zone pursuant to Section 5.14.1.2 of the Services Tariff, or as escalated as specified in Section 23.4.5.7 of Attachment H.

“**New Capacity**” shall mean a new Generator, a substantial addition to the capacity of an existing Generator, or the reactivation of all or a portion of a Generator that has been out of service for five years or more that commences commercial service after the effective date of this definition.

For the purposes of Section 23.4.5 of this Attachment H, “**Non-Qualifying Entry Sponsors**” shall mean a Transmission Owner, Public Power Entity, or any other entity with a Transmission District in the NYCA, or an agency or instrumentality of New York State or a political subdivision thereof.

For purposes of Section 23.4.5 of this Attachment H, “**Offer Floor**” for a Mitigated Capacity Zone Installed Capacity Supplier that is not a Special Case Resource shall mean the lesser of (i) a numerical value equal to 75% of the Mitigation Net CONE translated into a seasonally adjusted monthly UCAP value (“Mitigation Net CONE Offer Floor”), or (ii) the numerical value that is the first year value of the Unit Net CONE determined as specified in Section 23.4.5.7, translated into a seasonally adjusted monthly UCAP value using an appropriate class outage rate, (“Unit Net CONE Offer Floor”). The Offer Floor for Additional CRIS MW shall mean a numerical value determined as specified in Section 23.4.5.7.6.

“**Owner**” shall have the meaning specified in Section 31.1.1 of the ISO’s Open Access Transmission Tariff.

**“Part A Exemption”** shall mean an exemption awarded to an Examined Facility (i) pursuant to the Part A Exemption Test conducted by the ISO prior to the Class Year immediately following Class Year 2021 as described in Section 23.4.5.7.2(a) of the Services Tariff or (ii) pursuant to the Part A Exemption Test described in Section 23.4.5.7.3.1 of the Services Tariff which shall be conducted by the ISO beginning with Class Year immediately following Class Year 2021, and in all subsequent Class Year Studies, Cluster Studies, Additional SDU Studies, and Expedited Deliverability Studies that are commenced after August 1, 2022.

**“Part A Exemption Test”** shall mean (i) for any Class Year Study that was conducted prior to the Class Year immediately following Class Year 2021, the test conducted by the ISO to determine if an Examined Facility would be exempt from an Offer Floor under Section 23.4.5.7.2 (a) of the Services Tariff; or (ii) for the Class Year immediately following Class Year 2021 and any subsequent Class Year Study, Cluster Study, Additional SDU Study, and Expedited Deliverability Study that starts after August 1, 2022, the test conducted by the ISO to determine if an Examined Facility shall be exempt from an Offer Floor in accordance with Section 23.4.5.7.3.1 of the Services Tariff.

**“Part A Group 1 Examined Facilities”** for the Class Year immediately following Class Year 2021 and any subsequent Class Year Study, Cluster Study, Additional SDU Study, and Expedited Deliverability Study that starts after August 1, 2022 shall mean the set of Examined Facilities being evaluated for the Part A Exemption Test described in Section 23.4.5.7.3.1 using the Part A Mitigation Study Period Years 1 through 3 as determined by the ISO pursuant to the criteria set forth in Section 23.4.5.7.3.1.3 of the Services Tariff.

**“Part A Group 2 Examined Facilities”** for the Class Year immediately following Class Year 2021 and any subsequent Class Year Study, Cluster Study, Additional SDU Study, and Expedited Deliverability Study that starts after August 1, 2022 shall mean the set of Examined Facilities being evaluated for the Part A Exemption Test described in Section 23.4.5.7.3.1 using the Part A Mitigation Study Period Years 4 through 6 as determined by the ISO pursuant to the criteria set forth in Section 23.4.5.7.3.1.3 of the Services Tariff.

**“Part A Mitigation Study Period Years 1 through 3”** for the Class Year immediately following Class Year 2021 and any subsequent Class Year Study, Cluster Study, Additional SDU Study, and any Expedited Deliverability Study that starts after August 1, 2022 shall mean the evaluation period applied to Part A Group 1 Examined Facilities which shall be considered concurrently to receive a Part A Exemption in accordance with Section 23.4.5.7.3.1 of the Services Tariff. Such evaluation period shall be composed of the three consecutive Capability Years starting with the first Capability Year that will commence two years from the Cluster Study Phase I Start Date. ~~following the Capability Year in which the Estimated Initial Decision Period for the then-current Class Year Study or Expedited Deliverability Study falls.~~

**“Part A Mitigation Study Period Years 4 through 6”** for the Class Year immediately following the Class Year 2021 and any subsequent Class Year Study, Cluster Study, Additional SDU Study, and any Expedited Deliverability Study that starts after August 1, 2022 shall mean the evaluation period applied to Part A Group 2 Examined Facilities which shall be considered concurrently to receive a Part A Exemption in accordance with Section 23.4.5.7.3.1 of the Services Tariff. Such evaluation period shall be composed of the three consecutive Capability

Years starting with the ~~fourth-first~~ Capability Year immediately following the Part A Mitigation Study Period Years 1 through 3~~Capability Year in which the Estimated Initial Decision Period for the then-current Class Year Study or Expedited Deliverability Study falls.~~

“**Part B Exemption Test**” shall mean the test conducted by the ISO in accordance with 23.4.5.7.2 (b) and ISO Procedures for an Examined Facility in any Class Year Study, Cluster Study, Additional SDU Study, or Expedited Deliverability Study.

For purposes of Section 23.4.5 of this Attachment H, “**Pivotal Supplier**” shall mean (i) for the New York City Locality, a Market Party that, together with any of its Affiliated Entities, (a) Controls 500 MW or more of Unforced Capacity, and (b) Controls Unforced Capacity some portion of which is necessary to meet the New York City Locality Locational Minimum Installed Capacity Requirement in an ICAP Spot Market Auction; (ii) for the G-J Locality, a Market Party that, together with any of its Affiliated Entities, (a) Controls 650 MW or more of Unforced Capacity; and (b) Controls Unforced Capacity some portion of which is necessary to meet the G-J Locality Locational Minimum Installed Capacity Requirement in an ICAP Spot Market Auction; and (iii) for each Mitigated Capacity Zone except the New York City Locality and the G-J Locality, if any, a Market Party that Controls at least the quantity of MW of Unforced Capacity specified for the Mitigated Capacity Zone and accepted by the Commission. Unforced Capacity that are MW of an External Sale of Capacity shall not be included in the foregoing calculations.

“**Project Cost Allocation**” shall have the meaning specified, as applicable, in Section 25 or 40 (Attachment S or HH) of the ISO’s Open Access Transmission Tariff.

“**Public Policy Resource**” shall mean for purposes of Section 23.4.5 of this Attachment H, an Examined Facility that is determined by the ISO to be a zero-emitting resource and that does not meet the definition of Excluded Facility under Section 23.2 of this Attachment H and, where applicable, as also determined by the NYISO under Section 23.4.5.7.5.1 of this Attachment H. A resource may request an ex-ante determination from the ISO if it qualifies as a zero-emitting resource prior to their entrance into a Class Year Study, Cluster Study, or Expedited Deliverability Study. The ISO, in consultation with the MMU, shall issue a determination no later than 20 days after the necessary information has been submitted for consideration. This determination will be binding as long as the resource’s technology and characteristics are not modified before issuance of a final determination to the Examined Facility. The ISO will post such ex-ante determinations to its website concurrent with the response to the resource. Public Policy Resources shall be identified and posted on the ISO website no later than the ISO’s posting of the Part A Group 1 Examined Facilities and the Part A Group 2 Examined Facilities for the Class Year immediately following Class Year 2021, and any subsequent Class Year Study, Cluster Study, Additional SDU Study, and Expedited Deliverability Study that start after August 1, 2022, as provided in Section 23.4.5.7.3.1.4 of this Services Tariff.

“**Project**” shall have the meaning specified in, as applicable Section 30.1 or 40.1 of the ISO’s Open Access Transmission Tariff.

For purposes of Section 23.4.5 of this Attachment H, “**Responsible Market Party**” shall mean the Market Party that is authorized, in accordance with ISO Procedures, to submit offers in an

ICAP Spot Market Auction to sell Unforced Capacity from a specified Installed Capacity Supplier.

**“Revised Project Cost Allocation”** shall have the meaning specified in as applicable, Section 25 or 40 (Attachment S or HH) of the ISO’s Open Access Transmission Tariff.

**“Self Supply LSE”** shall mean a Load Serving Entity in one or more Mitigated Capacity Zones that operates under a long-standing business model to meet more than fifty percent of its Load obligations through its own generation and that is (i) a municipally owned electric system that was created by an act of one or more local governments pursuant to the laws of the State of New York to own or control distribution facilities and/or provide electric service, (ii) a cooperatively owned electric system that was created by an act of one or more local governments pursuant to the laws of State of New York or otherwise created pursuant to the Rural Electric Cooperative Law of New York to own or control distribution facilities and/or provide electric service, (iii) a “Single Customer Entity,” or (iv) a “Vertically Integrated Utility.” A Self Supply LSE cannot be an entity that is a public authority or corporate municipal instrumentality created by the State of New York (including a subsidiary of such an authority or instrumentality) that owns or operates generation or transmission and that is authorized to produce, transmit or distribute electricity for the benefit of the public unless it meets the criteria provided in section (i), (ii), or (iii) of this definition. For purposes of this definition only: “Vertically Integrated Utility” means a utility that owns generation, includes such generation in a non-bypassable charge in its regulated rates, earns a regulated return on its investment in such generation, and that as of the date of its request for a Self Supply Exemption, has not divested more than seventy-five percent of its generation assets owned on May 20, 1996; and “Single Customer Entity” means an LSE that serves at retail only customers that are under common control with such LSE, where such control means holding 51% or more of the voting securities or voting interests of the LSE and all its retail customers.

**“Starting Capability Period”** is the Summer Capability Period that will commence three years from ~~the start of the year of the~~ Class Year Study Cluster Study Phase I Start Date and shall be the start of the Mitigation Study Period for any Examined Facility in a Class Year Study Cluster Study, as well as any Additional SDU Studies and Expedited Deliverability Studies ~~and~~ that are completed while the Class Year Study Cluster Study is ongoing. If no Class Year Study Cluster Study is ongoing when an Expedited Deliverability Study or Additional SDU Study arrives at the Decision Period, the Starting Capability Period used for the purposes of Section 23.4.5 of this Attachment H shall be the Starting Capability Period that applied to the most recently completed Class Year Study Cluster Study.

~~“Subsequent Decision Period” shall have the meaning specified in Section 25 (Attachment S) of the ISO’s Open Access Transmission Tariff.~~

“Subsequent Decision Round” shall have the meaning specified in Section 40 (Attachment HH) of the ISO OATT. Subsequent Decision Round shall include the term Subsequent Decision Period as that term is defined in Section 25 of the ISO OATT (Attachment S).



For purposes of Section 23.4.5 of this Attachment H, “**Surplus Capacity**” shall mean the amount of Installed Capacity, in MW, available in a Mitigated Capacity Zone in excess of the Locational Minimum Installed Capacity Requirement for such Mitigated Capacity Zone.

“**Total Evaluated CRIS MW**” shall mean the Additional CRIS MW requested plus either (i) if the Installed Capacity Supplier previously received an exemption under Sections 23.4.5.7.2(b), 23.4.5.7.6(b), 23.4.5.7.7 or 23.4.5.7.8, all prior Additional CRIS MW since the facility was last exempted under Sections 23.4.5.7.2(b), 23.4.5.7.6(b), or 23.4.5.7.8, or (ii) for all other Installed Capacity Suppliers, all MW of Capacity for which an Examined Facility obtained CRIS pursuant to the provisions in ISO OATT Sections 25, 30, ~~or 32~~, or 40 (OATT Attachments S, X, ~~or Z~~, or HH).

For purposes of Section 23.4.5 of this Attachment H, “**UCAP Offer Reference Level**” shall mean a dollar value equal to the projected clearing price for each ICAP Spot Market Auction determined by the ISO on the basis of the applicable ICAP Demand Curve and the total quantity of Unforced Capacity from all Installed Capacity Suppliers in a Mitigated Capacity Zone for the period covered by the applicable ICAP Spot Market Auction.

For purposes of Section 23.4.5 of this Attachment H, “**Unit Net CONE**” shall mean localized levelized embedded costs of a specified Installed Capacity Supplier, including interconnection costs, and for an Installed Capacity Supplier located outside a Mitigated Capacity Zone including embedded costs of transmission service, in either case net of likely projected annual Energy and Ancillary Services revenues, and revenues associated with other energy products (such as energy services and renewable energy credits, as determined by the ISO, translated into a seasonally adjusted monthly UCAP value using an appropriate class outage rate. The Unit Net CONE of an Installed Capacity Supplier that has functions beyond the generation or transmission of power shall include only the embedded costs allocated to the production and transmission of power, and shall not net the revenues from functions other than the generation or transmission of power.

## **23.2.2 Conduct Subject to Mitigation**

Mitigation Measures may be applied: (i) to the bidding, scheduling or operation of an “Electric Facility”; or (ii) as specified in Section 23.2.4.2.

## **23.2.3 Conditions for the Imposition of Mitigation Measures**

23.2.3.1 To achieve the foregoing purpose and objectives, Mitigation Measures should only be imposed to remedy conduct that would substantially distort or impair the competitiveness of any of the ISO Administered Markets.

Accordingly, the ISO shall seek to impose Mitigation Measures only to remedy conduct that:

23.2.3.1.1 is significantly inconsistent with competitive conduct; and

23.2.3.1.2 would result in a material change in one or more prices in an ISO Administered Market or production cost guarantee payments (“guarantee payments”) to a Market Party.

23.2.3.2 In general, the ISO shall consider a Market Party's or its Affiliates' conduct to be inconsistent with competitive conduct if the conduct would not be in the economic interest of the Market Party or its Affiliates in the absence of market power. The categories of conduct that are inconsistent with competitive conduct include, but may not be limited to, the three categories of conduct specified in Section 23.2.4 below.

#### **23.2.4 Categories of Conduct that May Warrant Mitigation**

23.2.4.1 The following categories of conduct, whether by a single firm or by multiple firms acting in concert, may cause a material effect on prices or guarantee payments in an ISO Administered Market if exercised from a position of market power. Accordingly, the ISO shall monitor the ISO Administered Markets for the following categories of conduct, and shall impose appropriate Mitigation Measures if such conduct is detected and the other applicable conditions for the imposition of Mitigation Measures are met:

23.2.4.1.1 Physical withholding of an Electric Facility, that is, not offering to sell or schedule the output of or services provided by an Electric Facility capable of serving an ISO Administered Market. Such withholding may include, but not be

limited to, (i) falsely declaring that an Electric Facility has been forced out of service or otherwise become unavailable, (ii) refusing to offer Bids or schedules for an Electric Facility when such conduct would not be in the economic interest of the Market Party or its Affiliates in the absence of market power (includes refusing to offer Bids or schedules to withdraw Energy for a Generator that must withdraw Energy in order to be able to later inject Energy); (iii); making an unjustifiable change to one or more operating parameters of an Electric Facility or an Aggregation that reduces a Resource's ability to provide Energy or Ancillary Services or (iv) operating a Generator or an Aggregation in real-time -at a lower output level than the Generator or Aggregation would have been expected to provide had the Generator or Aggregation followed the ISO's dispatch instructions, in a manner that is not attributable to the Generator's or Aggregation's verifiable physical operating capabilities and that would not be in the economic interest of the Market Party or its Affiliates in the absence of market power.

For purposes of this Section and Section 23.4.3.2, the term "unjustifiable change" shall mean a change in an Electric Facility's operating parameters that is: (a) not attributable to an Electric Facility's verifiable physical operating capabilities, and (b) is not a rational competitive response to economic factors other than market power.

23.2.4.1.2 Economic withholding of an Electric Facility, that is, submitting Bids for an Electric Facility that are unjustifiably high so that (i) the Electric Facility is not or will not be dispatched or scheduled, or (ii) the Bids will set a market clearing



price; or submitting Bids for a Withdrawal-Eligible Generator to withdraw Energy that are unjustifiably high, so that (i) the Electric Facility is or will be dispatched or scheduled to withdraw Energy, or (ii) the Bids will set a market clearing price.

23.2.4.1.3 Uneconomic production from an Electric Facility is increasing the output of an Electric Facility to levels that would not be in the economic interest of the Market Party or its Affiliates in the absence of market power. Uneconomic withdrawal by an Electric Facility is withdrawing Energy that would not be in the economic interest of the Market Party or its Affiliates in the absence of market power.

23.2.4.2 Mitigation Measures may also be imposed, subject to FERC's approval, to mitigate the market effects of a rule, standard, procedure or design feature of an ISO Administered Market that allows a Market Party or its Affiliate to manipulate market prices or otherwise impair the efficient operation of that market, pending the revision of such rule, standard, procedure or design feature to preclude such manipulation of prices or impairment of efficiency.

23.2.4.3 Taking advantage of opportunities to sell at a higher price or buy at a lower price in a market other than an ISO Administered Market shall not be deemed a form of withholding or otherwise inconsistent with competitive conduct.

23.2.4.4 The ISO and the Market Monitoring Unit shall monitor the ISO Administered Markets for other categories of conduct, whether by a single firm or by multiple firms acting in concert, that have material effects on prices or guarantee payments in an ISO Administered Market. The ISO shall: (i) seek to

amend the foregoing list as may be appropriate, in accordance with the procedures and requirements for amending the Plan, to include any such conduct that would substantially distort or impair the competitiveness of any of the ISO Administered Markets; and (ii) seek such other authorization to mitigate the effects of such conduct from the FERC as may be appropriate. The responsibilities of the Market Monitoring Unit that are addressed in this section of the Mitigation Measures are also addressed in Section 30.4.6.2.2 of Attachment O.

#### **23.4.5.6 Audit, Review, and Penalties for Physical Withholding to Increase Market-Clearing Prices; Alignment with both Short-Term Reliability and Transfer of Deliverability Rights Processes**

##### **23.4.5.6.1 Audit and Review of Proposals or Decisions to Remove or Derate Installed Capacity from a Mitigated Capacity Zone**

Any proposal or decision by a Market Participant to retire or otherwise remove an Installed Capacity Supplier (except as specified in 23.4.5.6.1.1) from a Mitigated Capacity Zone Unforced Capacity market, or to de-rate the amount of Installed Capacity available from such supplier, may be subject to audit and review by the ISO if the ISO determines that such action could reasonably be expected to affect Market-Clearing Prices in one or more ICAP Spot Market Auctions for a Mitigated Capacity Zone in which the Resource(s) that is the subject of the proposal or decision is located, subsequent to such action; provided, however, no audit and review shall be necessary if the Installed Capacity Supplier is a Generator that is being retired or removed from a Mitigated Capacity Zone as the result of a Forced Outage that began on or after May 1, 2015 that was determined by the ISO to be a Catastrophic Failure.

The ISO's audit or review of any proposal or decision by a Market Participant to retire or otherwise remove an Installed Capacity Supplier from a Mitigated Capacity Zone Unforced Capacity market, or to de-rate the amount of Installed Capacity available from such supplier, (including a review the ISO conducts at the request of a Market Participant before it submits a proposal or makes a decision or a review the NYISO conducts in conjunction with the Short-Term Reliability Process) will consider the rationale offered by the Market Participant to support its proposal or decision. Such an audit or review shall assess whether the Market Participant's proposal or decision has a legitimate economic justification, which may include the economics of complying with regulatory requirements, or is based on an effort to withhold Installed Capacity physically in order to affect prices. The ISO's audit or review is conducted based on the

expectation that a Market Participant’s decision to retire or otherwise remove an Installed Capacity Supplier from a Mitigated Capacity Zone, or to de-rate the amount of Installed Capacity available from such supplier, accounts for the information available to that Market Participant at (or before) the time its decision is made on the “decision date” (see, e.g., Sections 23.4.5.6.4.2.1 and 23.4.5.6.4.2.2.1 below) specified by the Market Participant or the CRIS Transfer Confirmation Date for CRIS Transfers described below in Section 23.4.5.6.5. A Market Participant may offer publicly available information and other information available to the Market Participant to support its proposal or decision.

The ISO shall provide the preliminary results of its audit or review to the Market Monitoring Unit for its review and comment. The responsibilities of the Market Monitoring Unit that are addressed in this section of the Mitigation Measures are also addressed in Section 30.4.6.2.10 of Attachment O to this Services Tariff.

23.4.5.6.1.1 A proposal or decision to retire or otherwise remove a (a) Demand Side Resource except one that is (i) a Generator that is electrically located in the NYCA or (ii) a facility, electrically located in the NYCA, comprising two or more resource types one of which is a Generator, behind a single point of interconnection with an Injection Limit of less than 20 MW, and in the case of (i) and (ii) that at any time participated directly in any ISO Administered Market or (b) a DER Aggregation from the Installed Capacity market will not be subject to audit and review. Notwithstanding the foregoing, members of a DER Aggregation otherwise subject to audit or review are not excluded by the preceding sentence.

#### **23.4.5.6.2      Audit and Review of the Reclassification of a Generator in a Mitigated Capacity Zone From a Forced Outage to an ICAP Ineligible Forced Outage**

This Section 23.4.5.6.2 shall apply to a Market Participant whose Installed Capacity Supplier is a Generator that began a Forced Outage on or after May 1, 2015.

23.4.5.6.2.1 Any reclassification of an Installed Capacity Supplier that is a Generator in a Mitigated Capacity Zone from a Forced Outage to an ICAP Ineligible Forced Outage by a Market Participant or otherwise, pursuant to the terms of Section 5.18.2.1 of this Services Tariff, may be subject to audit and review by the ISO if the ISO determines that such reclassification could reasonably be expected to affect the Market-Clearing Price in one or more ICAP Spot Market Auctions for a Mitigated Capacity Zone in which the Generator(s) that is the subject of the reclassification is located, subsequent to such action; provided, however, if the Market Participant's Generator experienced the Forced Outage as a result of a Catastrophic Failure, the reclassification of a Generator in a Mitigated Capacity Zone from a Forced Outage to an ICAP Ineligible Forced Outage shall not be subject to audit and review pursuant to this Section 23.4.5.6.2.

The audit and review pursuant to the above paragraph shall assess whether the reclassification of the Generator in a Mitigated Capacity Zone from a Forced Outage to an ICAP Ineligible Forced Outage had a legitimate economic justification or is based on an effort to withhold Installed Capacity physically in order to affect prices. A Market Participant may offer publicly available information and other information available to the Market Participant to justify the reclassification.

The ISO shall provide the preliminary results of its audit or review to the Market Monitoring Unit for its review and comment. The responsibilities of the

Market Monitoring Unit that are addressed in this section of the Mitigation Measures are also addressed in Section 30.4.6.2.10 of Attachment O to this Services Tariff.

23.4.5.6.2.2 The audit and review pursuant to Section 23.4.5.6.2.1 shall be deferred by the ISO beyond the time period established in ISO Procedures for the audit and review of a reclassification of a Generator from a Forced Outage to an ICAP Ineligible Forced Outage if the Generator was in a Forced Outage for at least 180 days before the reclassification and one or more Exceptional Circumstances delayed the acquisition of data necessary for the ISO's audit and review.

The ISO shall conduct the audit and review after its receipt of data that it determines is necessary for the audit and review; provided, however, if, at the time the ISO acquires the necessary data, the Market Participant has Commenced Repair of the Generator, or the Generator is determined by the ISO to have had a Catastrophic Failure, the Market Participant shall not be subject to an audit and review pursuant to Section 23.4.5.6.2.1 of this Services Tariff. A Generator that Commenced Repair while in an ICAP Ineligible Forced Outage but that ceased or unreasonably delayed that repair shall be subject to audit and review by the ISO pursuant to Section 23.4.5.6.2.1 of this Services Tariff.

The ISO shall provide the preliminary results of its audit or review to the Market Monitoring Unit for its review and comment. The responsibilities of the Market Monitoring Unit that are addressed in this section of the Mitigation Measures are also addressed in Section 30.4.6.2.10 of Attachment O to this Service Tariff.

23.4.5.6.2.3 The audit and review of the removal of a Generator from a Forced Outage to an ICAP Ineligible Forced Outage, and the determinations of Catastrophic Failure and Exceptional Circumstances, will be pursuant to specific timelines established in ISO Procedures.

23.4.5.6.2.4 The audit and review pursuant to Sections 23.4.5.6.2.1, and 23.4.5.6.2.2 shall be conducted to determine whether the decision not to repair a Generator had a legitimate economic justification, consistent with competitive behavior; that is, whether the cost of repair, including the risk-adjusted cost of capital, could not reasonably be expected to be recouped over the reasonably anticipated remaining life of the Generator. The elements of such audit and review may include, as appropriate, the historical revenue and maintenance cost data for the purpose of the baseline, the duration of the repair, the costs including, but not limited to, capital expenditures necessary to comply with federal or state environmental, safety or reliability requirements that must be met in order to operate the Generator, the anticipated capacity, energy and ancillary services revenues following the repair, the projected costs of operating the Generator following the repair, any benefits that would be foregone from using the site for a purpose other than as the existing Generator (e.g., repowering), and other relevant data.

The criteria for the audit and review provided in this Services Tariff Section 23.4.5.6.2.4 may be incorporated, as appropriate, in an audit and review required to be conducted pursuant to other provisions in this Services Tariff Section 23.4.

23.4.5.6.2.5 For a requesting Market Participant, a determination that the Market Participant has experienced Exceptional Circumstances shall be made by the ISO by the 160th day of the Generator's Forced Outage. The ISO shall use reasonable efforts to issue a determination that a Market Participant has experienced Exceptional Circumstances after it has Commenced Repair and requests reclassification to an ICAP Ineligible Force Outage by the 40th day after the ISO's receipt of data necessary to conduct the analysis.

For a requesting Market Participant, a determination that a Generator has experienced a Catastrophic Failure shall be made by the ISO by the 160th day of the Forced Outage. If the ISO has determined that Exceptional Circumstances will delay the submission of data necessary for the ISO to perform an audit and review pursuant to Section 23.4.5.6.2.1 or 23.4.5.6.2, the ISO shall use reasonable efforts to issue a determination that the Generator has experienced a Catastrophic Failure by the 40th day after receipt of data necessary to conduct the analysis.

#### **23.4.5.6.3 Penalties for Withholding Installed Capacity Physically In Order To Affect Prices**

If the ISO determines that either: i) pursuant to Section 23.4.5.6.1, the proposal or decision by a Market Participant to retire or otherwise remove an Installed Capacity Supplier from a Mitigated Capacity Zone, or to de-rate the amount of Installed Capacity available from such supplier, or ii) pursuant to Section 23.4.5.6.2, the ISO determines that the reclassification of an Installed Capacity Supplier that is a Generator from a Forced Outage to an ICAP Ineligible Forced Outage constitutes physical withholding, and would increase the Market-Clearing Price in one or more ICAP Spot Market Auctions for a Mitigated Capacity Zone by five percent or more, provided such increase is at least \$.50/kilowatt-month, for each such violation of the above



requirements the Market Participant shall be assessed an amount equal to the product of (A) 1.5 times the difference between the Market Clearing Price for the Mitigated Capacity Zone in the ICAP Spot Market Auctions with and without the inclusion of the withheld UCAP in those auctions, and (B) the total of (1) the number of megawatts withheld in the month and (2) all other megawatts of Installed Capacity in the Mitigated Capacity Zone under common Control with such withheld megawatts in the month. The requirement to pay such amounts shall continue until the Market Participant demonstrates that the removal from service, retirement, or de-rate, as described in Section 23.4.5.6.1, or reclassification as described in Section 23.4.5.6.2 is justified by economic considerations other than the effect of such action on Market-Clearing Prices in the ICAP Spot Market Auctions for the Mitigated Capacity Zone. The ISO will distribute any amount recovered in accordance with the foregoing provisions among the LSEs serving Loads in the Mitigated Capacity Zone(s) wherein the Market-Clearing Price was affected for the month corresponding to the penalty accordance with ISO Procedures.

#### **23.4.5.6.4      Aligning Physical Withholding Audits and Reviews with the Short-Term Reliability Process**

The rules in this Section 23.4.5.6.4 apply to Market Participants that initiate the Short-Term Reliability Process that is set forth in Attachment FF to the ISO OATT by submitting a Generator Deactivation Notice for a Generator. They provide an opportunity for such a Market Participant to receive a final physical withholding determination from the ISO before the Market Participant deactivates the Generator. Nothing in Attachment FF to the OATT or in this Section 23.4.5.6.4 of the ISO Services Tariff should be read as limiting the ISO's authority to impose a physical withholding penalty on a Generator that deactivates. Capitalized terms that appear in this Section 23.4.5.6.4 that are not defined in Article 2 to the ISO Services Tariff are defined in Section 38.1 of Attachment FF to the ISO OATT.

23.4.5.6.4.1 If the ISO has issued notice to the Market Participant or Generator Owner (as that term is defined in Section 38.1 of the ISO OATT) in accordance with Section 38.7.4 of Attachment FF to the ISO OATT that it has received all of the data and information it requires to perform its duties under both the Short-Term Reliability Process that is set forth in Attachment FF to the ISO OATT and Section 23 of the ISO Services Tariff, then the ISO shall complete a physical withholding review of the proposed deactivation, if needed, in accordance with Section 23.4.5.6 of the ISO Services Tariff and issue a final physical withholding determination to the Market Participant in accordance with the process set forth in Sections 23.4.5.6.4.2.1 or 23.4.5.6.4.2.2 of the ISO Services Tariff.

If the ISO has not issued a notice to the Market Participant or Generator Owner in accordance with Section 38.7.4 of Attachment FF to the ISO OATT that it has received all of the data and information it requires to perform its duties under both Attachment FF to the ISO OATT and Section 23 of the ISO Services Tariff, then the ISO is not required to issue a final physical withholding determination to the Market Participant for the Generator prior to the Generator's deactivation.

**23.4.5.6.4.2 Aligning Issuance of Final Physical Withholding Determination with the Short-Term Reliability Process**

23.4.5.6.4.2.1 **Based on deactivation date.** At least ninety days before the date the Generator determines it will timely (consistent with Section 38.14.1 of Attachment FF to the ISO OATT) deactivate, the Market Participant (which is also a Market Party) may notify the ISO in writing of the updated deactivation date and request that the ISO issue a final physical withholding determination to

the Market Participant, which shall be conducted by the ISO in accordance with Section 23.4.5.6.1 above. The ISO shall issue its final determination at least 60 days before the updated deactivation date specified in the Market Participant's written notice. For purposes of the ISO's audit or review to issue a final physical withholding determination, conducted in accordance with Section 23.4.5.6.1 above, the date on which the Generator is deactivated is the "decision date," so long as it falls within the 16 day window specified below.

Exception: The earliest date the ISO shall be required to issue a final physical withholding determination is 90 days after the Short-Term Assessment of Reliability Start Date.

The ISO's final physical withholding determination shall only be valid if the Generator becomes Retired or enters into a Mothball Outage within a window that starts five days before the date specified in the Market Participant's notice to the ISO and concludes ten days after the date specified in the Market Participant's notice to the ISO, unless the conditions of described below in Section 23.4.5.6.4.2.2 are met.

**23.4.5.6.4.2.2 Based on date of irrevocable action or inaction.** If the Market

Participant identifies and the ISO, in consultation with the Market Monitoring Unit, agrees that there is a point in the process of deactivating a Generator after which the deactivation process will become, essentially and practicably, irreversible, then the ISO shall inform the Market Participant in writing of the first such act, decision not to act, or event that the ISO agrees will have irreversible consequences.

The responsibilities of the Market Monitoring Unit that are addressed in this section of the Mitigation Measures are also addressed in Section 30.4.6.2.12 of Attachment O to this Services Tariff.

23.4.5.6.4.2.2.1 At least ninety days before the date the irreversible action, inaction or event specified by the ISO in its notice to the Market Participant will be taken, occur or come to pass (the “trigger date”), the Market Participant may notify the ISO in writing of the trigger date and request that the ISO issue a final physical withholding determination to the Market Participant. The Market Participant’s notice must explain why the date it selected is the appropriate trigger date. If the ISO determines that the trigger date specified by the Market Participant is reasonable, then the ISO shall issue its final physical withholding determination at least 60 days before the trigger date specified in the Market Participant’s notice. For purposes of the ISO’s audit or review under this subsection conducted in accordance with Section 23.4.5.6.1 above, the trigger date is the “decision date.”

Exception: The earliest date the ISO shall be required to issue a final physical withholding determination is 90 days after the Short-Term Assessment of Reliability Start Date.

23.4.5.6.4.2.2.2 If the ISO determines that the trigger date the Market Participant specified is not reasonable, then the ISO shall promptly notify the Market Participant of its determination and the reasons therefor in writing. The ISO is not required to issue a final physical withholding determination unless the Market Party provides additional information within two business days of the issuance of the ISO’s written determination that causes the ISO to change its decision.

23.4.5.6.4.2.2.3 The ISO's final physical withholding determination shall only be valid if (a) the specified irreversible action, inaction or event is taken or occurs within a window that starts five days before the trigger date specified in the Market Participant's notice to the ISO and concludes ten days after the trigger date specified in the Market Participant's notice to the ISO, and (b) the Generator timely (consistent with Section 38.14.1 of Attachment FF to the ISO OATT) enters into a Mothball Outage or becomes Retired. Except where the ISO possesses contrary information, the ISO shall accept the Market Participant's reasonable assessment of the date by which an irrevocable failure to act occurs.

23.4.5.6.4.3 The Market Participant shall promptly send a written notice to the ISO rescinding a written notice that it previously submitted under Sections 23.4.5.6.4.2.1 or 23.4.5.6.4.2.2.1 of the ISO Services Tariff if it determines that the deactivation date or trigger date it specified in its written notice to the ISO is no longer accurate.

#### **23.4.5.6.5 Aligning Physical Withholding Audits and Reviews with the Transfer of Deliverability Rights Process for Same Location CRIS Transfers**

The rules in this Section 23.4.5.6.5 apply to a Market Participant or Generator Owner that initiate a transfer of deliverability rights request as set forth in Attachment ~~S-HH~~ to the ISO OATT by submitting a CRIS transfer request notice for a same location transfer where the Market Participant/Generator Owner does not intend to initiate the Short Term Reliability Process that is set forth in Attachment FF to the ISO OATT. They provide an opportunity for such a Market Participant to receive a final physical withholding determination from the ISO before the transfer of deliverability rights is confirmed under the rules set forth in Sections ~~40.18.3 25.9.4~~ and ~~40.18.4 25.9.5~~ of Attachment ~~S-HH~~ to the ISO OATT. Nothing in Attachment

~~S-HH~~ to the OATT or in this Section 23.4.5.6.5 of the ISO Services Tariff should be read as limiting the ISO's authority to impose a physical withholding penalty on a Generator that transfers its CRIS to a new facility at the same location.

23.4.5.6.5.1 If the ISO has issued notice to the Market Participant or Generator Owner in accordance with Section 23.4.5.6.5.3 of this Attachment H that it has received all of the data and information it requires to perform its duties under Section 23 of the ISO Services Tariff, then the ISO shall complete a physical withholding review of the proposed transfer of deliverability rights, if needed, in accordance with Section 23.4.5.6 of this Attachment H and issue a final physical withholding determination to the Market Participant in accordance with the process set forth in Section 23.4.5.6.5.5 of this Attachment H.

23.4.5.6.5.2 If the ISO has not issued a notice to the Market Participant or Generator Owner in accordance with Section 23.4.5.6.5.3 of this Attachment H to the ISO OATT that it has received all of the data and information it requires to perform its duties under Section 23 of the ISO Services Tariff, then the ISO is not required to issue a final physical withholding determination to the Market Participant prior to the CRIS Transfer Confirmation Date, as defined in Section 23.2.1 of this Attachment H, and as set forth in Section ~~40.18.3~~~~25.9.4~~ and ~~40.18.4~~ ~~25.9.5~~ of Attachment ~~S-HH~~ to the ISO OATT.

23.4.5.6.5.3 **ISO Notification to Market Participants or Generator Owners.** The ISO shall notify the Market Participant or the Generator Owner, in writing, when the ISO has received all of the data and information it requires as set forth in

Section 23.4.5.6.5.4 of this Attachment H to perform its duties under Sections 23.4.5.6.5 of this Attachment H.

The notice that the ISO provides to Market Participant (which is also a Market Party) or to the Generator Owner that it has received all of the data and information it requires to perform its obligations under this Attachment H does not absolve the Market Party or the Generator Owner of its affirmative and continuing obligation under Section 23.4.5.6.5.5 of this Attachment H to supplement and update information and data it has submitted to the ISO when a material change in facts or circumstances occurs that makes the previously submitted information insufficient or inaccurate.

The notice that the ISO provides to Market Participant or Generator Owner that it has received all of the data and information it requires to perform its obligations under Sections 23.4.5.6.5 of this Attachment H does not bar the ISO from asking additional questions of the Market Participant or the Generator Owner, nor does it excuse the Market Participant or the Generator Owner from its continuing obligation to promptly respond to ISO requests for information or data pursuant to ISO Tariffs.

#### **23.4.5.6.5.4 Information Requirements**

23.4.5.6.5.4.1 The Market Participant or the Generator Owner (also known as the “transferor facility” as defined in Attachment ~~S-HH~~ to the ISO OATT) shall be responsible for providing the ISO with any information that the ISO determines it requires, in accordance with ISO Procedures, in order to assess market impacts under Section 23.4.5.6.1 of this Attachment H.

23.4.5.6.5.4.2 The Second Party (also known as the “transferee facility” as defined in Attachment ~~S-HH~~ to the ISO OATT) shall be responsible for providing the ISO with any information that the ISO determines it requires, in accordance with ISO Procedures, in order to assess market impacts under Section 23.4.5.6.1 of this Attachment H.

23.4.5.6.5.4.3 The ISO shall review, verify and/or validate to the extent necessary the information provided in accordance with Sections 23.4.5.6.5.4.1 and 23.4.5.6.5.4.2 of this Attachment H. The ISO may reject, and may require to any of the involved Parties to re-submit, or substantiate information (including estimates) that the ISO determines is not adequately supported or otherwise verifiable. The Party shall promptly provide any additional information that the ISO may request, and update and revise information previously provided, and provide new information as set forth in Section 23.4.5.6.5.5 of this Attachment H.

Upon the ISO’s request, the Parties involved shall make qualified representatives available to answer the ISO’s question(s) and otherwise facilitate the ISO’s review of the information. ~~NY~~ISO may terminate its consideration for a physical withholding review if one of the Parties involved fails to provide requested information.

Note: If the Second Party (also known as the “transferee facility” as defined in Attachment ~~S-HH~~ to the ISO OATT) is subject to a Buyer Side Mitigation Examination (as set forth in Sections ~~40.18.3~~ ~~25.9.4~~ and ~~40.18.4~~ ~~25.9.5~~ of Attachment ~~S-HH~~ to the ISO OATT)- it must provide the ISO with any information that the ISO determines it requires regarding its Buyer Side



Mitigation determination (as defined in Section 23.4.5.7 of this Attachment H), as part of the physical withholding determination request set forth in Section 23.4.5.6.5 of this Attachment H.

**23.4.5.6.5.4.4 Obligation to Submit Further Information.** (a) Market

Participant or Generator Owner that requested a physical withholding determination in accordance with Section 23.4.5.6.1 of this Attachment H and (b) any other Second Party involved in the physical withholding determination request set forth in Section 23.4.5.6.5 of this Attachment H. shall provide any new information, and shall update and revise information previously submitted to the ISO in accordance with Section 23.4.5.6.5.4 of Attachment H, no more than ten days after any event occurring that makes any element of the information submitted materially inaccurate or insufficient.

**23.4.5.6.5.5 Aligning Issuance of Final Physical Withholding Determination with the Transfer of Deliverability Rights Process for Same Location CRIS Transfers**

23.4.5.6.5.5.1 At least ninety days prior to the CRIS Transfer Confirmation Date as set forth in Section 40.18.325.9.4 and 40.18.425.9.5 of Attachment ~~S-HH~~ to the ISO OATT, the Market Participant (which is also a Market Party) may notify the ISO in writing of the same location transfer of deliverability rights proposed confirmation and effective date and request that the ISO issue a final physical withholding determination to the Market Participant, which shall be conducted by the ISO in accordance with Section 23.4.5.6.1 above. If the ISO, in consultation with the Market Monitoring Unit, determine that the CRIS Transfer Confirmation Date is, essentially and practicably, an irreversible point in the transfer process, then the ISO shall inform the Market Participant in writing and issue its final

determination at least sixty days before the proposed CRIS Transfer Confirmation Date (as specified in the Market Participant's written notice).

The ISO's final physical withholding determination shall only be valid if the CRIS Transfer Confirmation Date becomes effective within a window that starts five days before the proposed effective date specified in the Market Participant's notice to the ISO and concludes ten days after the proposed effective date specified in the Market Participant's notice to the ISO.

23.4.5.6.5.5.2 A final physical withholding determination as specified in Section

23.4.5.6.6.1 of this Attachment H may only be requested by an active holder of CRIS rights as defined in Attachment ~~S~~HH to the ISO OATT.

#### **23.4.5.7 Buyer-Side Market Power Mitigation Measures for Installed Capacity**

Offers to supply Unforced Capacity from a Mitigated Capacity Zone Installed Capacity Supplier, unless from Excluded Facilities as defined in Section 23.2 or from facilities found to be exempt as specified below: (i) shall equal or exceed the applicable Offer Floor; and (ii) can only be offered in the ICAP Spot Market Auctions. Except for Offer Floors applied pursuant to Section 23.4.5.7.9.5.2 (i.e., after the revocation of a Competitive Entry Exemption), ~~or Section 23.4.5.7.14.5 (i.e., after the revocation of Self Supply Exemption)~~, the ISP UCAP MW, or when the Installed Capacity Supplier is an RMR Generator, the Offer Floor shall apply to offers for Unforced Capacity from the Installed Capacity Supplier starting with the Capability Period for which the Installed Capacity Supplier first offers to supply UCAP. Offer Floors applied pursuant to Section 23.4.5.7.9.5.2 shall apply to offers for Unforced Capacity from an Installed Capacity Supplier starting with all ICAP auction activity subsequent to the date of the revocation. The same exemption determination or Offer Floor shall apply to the 2 MW or less that an existing Generator or UDR project with CRIS requests and receives under Section 40.5.6.6 (Attachment HH)~~30.3.2.6 (Attachment X) or Section 32.4.11.1 (Attachment Z)~~ of the ISO OATT. Offer Floors shall cease to apply:

- (A) to that portion of an Examined Facility's UCAP (rounded down to the nearest tenth of a MW) that has cleared for any twelve, not-necessarily-consecutive, months (such cleared amount, "Cleared UCAP") in which the resource's MW were not ISP UCAP MW or MW of an RMR Generator: and
- (B) for the period an Installed Capacity Supplier is an Interim Service Provider if its generating unit(s) are required to remain in-service but only in the amount of its ISP UCAP MW, or an RMR Generator in which case the Installed Capacity

Supplier's offers of UCAP shall be as set forth in Section 23.4.5.7.12. Offer Floors shall be adjusted annually using the most recent inflation rate that is the twelve month percentage change in the index for the general component of the escalation factor ("Inflation Rate") that is the most recent of (a) the Inflation Rate identified in the index accepted by the Commission after a periodic review in an ICAP Demand Curve Reset Filing Year, as of October 1 of the ICAP Demand Curve Reset Filing Year, and (b) the Inflation Rate in the Annual Update of the relevant effective ICAP Demand Curves published under Section 5.14.1.2.2.

- (C) if the unit meets the criteria to be considered an Excluded Facility as defined in Section 23.2.

23.4.5.7.2 An Examined Facility in a Mitigated Capacity Zone for which the Commission has accepted an ICAP Demand Curve shall be exempt from an Offer Floor if it has: (i) passed a Part A Exemption Test, as described in subsection (a) below for Offer Floor determinations issued by the ISO as part of any Class Year Study prior to ~~the Class Year immediately following~~ Class Year 2023~~4~~; or (ii) passed a Part A Exemption Test pursuant to Section 23.4.5.7.3.1 below for the Class Year immediately following Class Year 2021 and subsequently commenced Class Year Studies, Cluster Studies, ~~and~~ Additional SDU Studies, and Expedited Deliverability Studies that are commenced after August 1, 2022; or (iii) passed a Part B Exemption Test as described below in subsection (b); or (iv) otherwise qualifies for the exemptions referenced in subsections (c) or; (d), ~~or~~ ~~(e)~~ below:

(a) the price that is equal to the (x) average of the ICAP Spot Market Auction price for each month in the two Capability Periods, beginning with the Starting Capability Period, is projected by the ISO, in accordance with Section 23.4.5.7.15, to be higher than (y) the numerical value equal to 75 percent of the Mitigation Net CONE that would be applicable in the same two (2) Capability Periods (utilized to compute (x));

(b) the price that is equal to the average of the ICAP Spot Market Auction prices in the Mitigation Study Period is projected by the ISO, in accordance with Section 23.4.5.7.15, to be higher than the reasonably anticipated Unit Net CONE of the Examined Facility,

(c) it has been determined to be exempt pursuant to Section 23.4.5.7.9 (the “Competitive Entry Exemption”); or

(d) for an Examined Facility that participated in either a Class Year Study, Cluster Study, or an Additional SDU Study, it has been determined, and in the quantity of MW for which it has been determined, to be exempt pursuant to Section 23.4.5.7.14 (the “Self Supply Exemption”).

For purposes of the determinations pursuant to (a) and (b) of this section, and determinations pursuant to Section 23.4.5.7.3.1 of the Services Tariff, the ISO shall identify Unit Net CONE and the projected ICAP Spot Market Auction prices in accordance with Section 23.4.5.7.15, for each Examined Facility promptly after it (i) has accepted its Project Cost Allocation (as defined below) and ~~d~~Deliverable MW, if any, from the Final Decision Round, and (ii) along with all other remaining members, has posted any associated Security pursuant to OATT Section 25 or 40 (OATT Attachment S or HH) (for purposes of Section 23.4, a Project that “remains a member of the completed Class Year Study, Cluster Study, Additional SDU Study, or Expedited Deliverability Study”), and it shall do so concurrently for an Expected CRIS Transferee (as defined in 23.2.1). If an Examined Facility passes the Part A Exemption Test pursuant to Section 23.4.5.7.3.1 and also passes the Part B Exemption Test described above in (b), it will be awarded a Part B Exemption; however, for the sole purposes of evaluating other Examined Facilities under the Part A Exemption Test and Part B Exemption Test, the capacity associated with the Examined Facility will continue to be treated as having received a Part A Exemption in order to ensure that another Examined Facility will not receive a Part A Exemption for the capacity of the

Examined Facility that was awarded the Part B Exemption after having passed both the Part A and Part B Exemption Tests.

For purposes of Section 23.4.5.7 *et seq*, “Project Cost Allocation” shall mean the singular Project Cost Allocation or two Project Cost Allocations (*i.e.*, one for System Deliverability Upgrades (“SDUs”) and one for Connecting Transmission Owner’s Attachment Facilities, Distribution Upgrades, and System Upgrade Facilities (“SUFs”), for the Project), from the Final Decision Round.

The first year value of an Examined Facility’s Unit Net CONE calculated pursuant to Section 23.4.5.7 and Section 23.4.5.7.3.2, will be established in accordance with Section 23.4.5.7.3.7 at the time such Examined Facility first offers UCAP, and will be used by the ISO in subsequent mitigation exemption or Offer Floor determinations for Additional CRIS MW. A Unit Net CONE determination received pursuant to Sections 23.4.5.7.2, 23.4.5.7.6 or 23.4.5.7.7 shall only be final for the relevant Examined Facility, if the Project accepts its Project Cost Allocation or ~~4~~Deliverable MW requested by the Project, and the Project remains a member of the completed Class Year Study, Cluster Study, Additional SDU Study, or Expedited Deliverability Study -on the date the ISO issues a notice to stakeholders that the Class Year Study, Cluster Study, Additional SDU Study, or Expedited Deliverability Study decisional process of which the Project is a member has been completed, and -as specified in the ISO’s notice to the Project of the final exemption and Offer Floor determinations for the quantity of CRIS MW accepted by the applicable Examined Facility or Examined Facilities in such Class Year Study, Cluster Study, Additional SDU Study, or

Expedited Deliverability Study at the time of its completion (or transferred CRIS if an Expected CRIS Transferee).

23.4.5.7.2.1 Promptly after Commission acceptance of the first ICAP Demand Curve to apply to a Mitigated Capacity Zone, the ISO shall make an exemption and Offer Floor determination for any NCZ Examined Project that has requested CRIS and remains a member of the completed Class Year Study, Cluster Study, Additional SDU Study, or Expedited Deliverability Study, or was an Expected CRIS Transferee and could have been evaluated concurrently with a Class Year Study or Cluster Study, and has received CRIS, unless exempt pursuant to section 23.4.5.7.6 or 23.4.5.7.8.

23.4.5.7.2.2 The ISO shall make an “Indicative Buyer-Side Mitigation Exemption Determination” for any NCZ Examined Project if (i) the Commission has accepted an ICAP Demand Curve for the Mitigated Capacity Zone that will become effective when the Mitigated Capacity Zone is first effective, or (ii) if the Commission has not accepted the first ICAP Demand Curve to apply specifically to the Mitigated Capacity Zone in which the NCZ Examined Project is located, provided the ISO has filed an ICAP Demand Curve pursuant to Services Tariff Section 5.14.1.2.2.4.11. The Indicative Buyer-Side Mitigation Exemption Determination shall be computed using such ICAP Demand Curve for the Mitigated Capacity Zone concurrent with the determinations the ISO makes for Examined Facilities pursuant to Sections 23.4.5.7.3.2 and 23.4.5.7.3.3. The ISO shall recompute the Indicative Buyer-Side Mitigation Exemption Determination promptly after Commission acceptance of the first ICAP Demand Curve for the



applicable Locality provided that such NCZ Examined Project (i) received CRIS if the Class Year or Cluster Study completed at the time the Commission accepts the Demand Curve, or (ii) has not been removed from the Class Year Deliverability Study or Cluster Study Deliverability Study if the Class Year or Cluster Study is not completed. The Indicative Buyer-Side Mitigation Exemption Determination is for informational purposes only. The exemption or Offer Floor for an NCZ Examined Project to which this Section applies shall be determined for such projects receiving CRIS using the Commission-accepted Locality ICAP Demand Curve.

23.4.5.7.2.3 Any NCZ Examined Project not exempt pursuant to 23.4.5.7.8 shall provide data and information requested by the ISO by the date specified by the ISO, in accordance with the ISO Procedures.

23.4.5.7.2.3.1 The ISO shall compute the reasonably anticipated ICAP Spot Market Auction forecast in accordance with Section 23.4.5.7.15.

23.4.5.7.2.4 When the ISO is evaluating more than one NCZ Examined Project concurrently, the ISO shall recognize in its computation of the anticipated ICAP Spot Market Auction forecast price that Generators or UDR projects will clear from lowest to highest, using for each NCZ Examined Project the lower of (i) the first year value of its Unit Net CONE, or (ii) the numerical value equal to 75 percent of the Mitigation Net Cone, then inflated in accordance with 23.4.5.7 for each of the year two and year three of the Mitigation Study Period. However, if a NCZ Examined Project elects to pursue an Additional SDU Study or an Expedited Deliverability Study and that study is not completed prior to the completion of the

current Class Year Study or Cluster Study then the NCZ Examined Project shall not be included in the BSM Forecast for the current Class Year Study or Cluster Study. If a NCZ Examined Project completes its Additional SDU Study after the completion of the Class Year Study or Cluster Study that it originally entered but before the time the ISO completes a subsequent Class Year's or Cluster Study's ~~Cluster Annual Transmission~~ Baseline Assessment study cases then that NCZ Examined Project shall have a separate decisional process utilizing the Mitigation Study Period from the most recently completed Class Year Study or Cluster Study.

23.4.5.7.2.5 When evaluating NCZ Examined Projects pursuant to Sections 23.4.5.7.2.1 or 23.4.5.7.2.2, the ISO shall seek comment from the Market Monitoring Unit on matters relating to the determination of price projections and cost calculations. The ISO shall inform the NCZ Examined Project of the Offer Floor and/or Offer Floor exemption determinations or Indicative Buyer-Side Mitigation Exemption Determinations promptly. The responsibilities of the Market Monitoring Unit that are addressed in this Section 23.4.5.7.2.5 are also addressed in Section 30.4.6.2.13 of Attachment O to this Services Tariff.

23.4.5.7.2.6 If an NCZ Examined Project under the criteria in 23.4.5.7.2.1 or 23.4.5.7.2.2 does not provide all of the requested data by the date specified by the ISO, the MW of CRIS received at that time by the Project shall be subject to the Mitigation Net CONE Offer Floor for the period determined by the ISO in accordance with Section 23.4.5.7.

23.4.5.7.2.7 An NCZ Examined Project or Examined Facility located in more than one Mitigated Capacity Zone shall be evaluated pursuant to the tests in Section 23.4.5.7.2 (a) or 23.4.5.7.3.1 and (b) or 23.4.5.7.3 (as applicable), calculating Mitigation Net CONE for the smallest Mitigated Capacity Zone that contains the Load Zone in which such NCZ Examined Project or Examined Facility is electrically located.

**23.4.5.7.3** The ISO shall make such exemption and Unit Net CONE determination for each Examined Facility that comprises a Project. When used in Section 23.4.5.7, the term “Generator” includes each Generator that plans to participate in a DER Aggregation.

23.4.5.7.3.1 For Examined Facilities participating in ~~the Class Year immediately following~~ Class Year 2023~~1~~, and any subsequent Class Year Study, Cluster Study Additional SDU Study, and Expedited Deliverability Study that are commenced after August 1, 2022, the ISO shall conduct the Part A Exemption Test for all Examined Facilities in the manner described below prior to making any other exemption determinations under Sections 23.4.5.7.2(b), (c), and (d). If an Examined Facility passes the Part A Exemption Test described below and also passes the Part B Exemption Test described above in 23.4.5.7.2(b), it will be awarded a Part B Exemption; however, for the sole purposes of evaluating other Examined Facilities under the Part A Exemption Test and Part B Exemption Test, the capacity associated with the Examined Facility will continue to be treated as having received a Part A Exemption in order to ensure that another Examined Facility will not receive a Part A Exemption for the capacity of the Examined Facility that was awarded the Part B Exemption after having passed both the Part A and Part B Exemption Tests.

23.4.5.7.3.1.1 The ISO shall begin the Part A Exemption Test by dividing the Examined Facilities into Part A Group 1 Examined Facilities and Part A Group 2 Examined Facilities based upon the factors listed below in Section 23.4.5.7.3.1.3 of this

Services Tariff and on the ISO's projection of the time frame when each Examined Facility will come into service. The ISO will post a list of each group of Examined Facilities on its website in accordance with Section 23.4.5.7.3.1.4 of this Services Tariff. The ISO will rank all Examined Facilities in the Part A Group 1 Examined Facilities based upon the ISO's determination of each Examined Facility's specific Net Cost of New Entry except that all Public Policy Resources included in the Part A Group 1 Examined Facilities will be evaluated before other Part A Group 1 Examined Facilities. The ISO will rank all Examined Facilities in the Part A Group 2 Examined Facilities based upon the ISO's determination of each Examined Facility's specific Net Cost of New Entry except that all Public Policy Resources included in the Part A Group 2 Examined Facilities will be evaluated before other Part A Group 2 Examined Facilities. Each of the Examined Facilities in the Part A Group 1 Examined Facilities will be evaluated for the Part A Exemption Test using the Part A Mitigation Study Period Years 1 through 3. Upon completion of that evaluation, each of the Examined Facilities in the Part A Group 2 Examined Facilities will then be evaluated for the Part A Exemption Test using the Part A Mitigation Study Period Years 4 through 6.

23.4.5.7.3.1.2 For each Capability Year in a Part A Mitigation Study Period Years 1 through 3, the ISO will determine whether, in accordance with Section 23.4.5.7.15, the average ICAP Spot Market Auction price for each Capability Year in the Part A Mitigation Study Period Years 1 through 3 is higher than 75 percent of the Mitigation Net CONE that would be applicable to the Examined

Facility during that same Capability Year. For any Capability Year in which this threshold is met, the Examined Facility will qualify for a Part A Exemption for that Capability Year and any subsequent Capability Years. The Examined Facility, however, will be subject to an Offer Floor for any prior Capability Years in which the threshold was not met unless it otherwise qualifies for an exemption provided in 23.4.5.7.2 (b), (c), (d), or as Cleared UCAP. The Part A Exemption Test will be performed for each Examined Facility sequentially by rank. In its evaluation of each Examined Facility located in the New York City Locality for each Capability Year, the ISO will conduct the Part A Exemption Test for the New York City Locality prior to its evaluation for the G-J Locality. Following completion of review of all three Capability Years in the Part A Mitigation Study Period Years 1 through 3, this process is then conducted for the Part A Group 2 Examined Facilities for each Capability Year in the Part A Mitigation Study Period Years 4 through 6. The ISO will determine if, in accordance with Section 23.4.5.7.15, the average ICAP Spot Market Auction price for each Capability Year in the Part A Mitigation Study Period Years 4 through 6 is higher than 75 percent of the Mitigation Net CONE that would be applicable to the Examined Facility during that same Capability Year. If this threshold is met, the Examined Facility will qualify for a Part A Exemption for that Capability Year and any subsequent Capability Years. The Examined Facility, however, will be subject to an Offer Floor for any prior Capability Years in which the threshold was not met unless it otherwise qualifies for an exemption provided in 23.4.5.7.2 (b), (c), (d), or as Cleared UCAP. The Part A Exemption Test will be performed for each

Examined Facility sequentially by rank. In its evaluation of each Examined Facility located in the New York City Locality for each Capability Year, the ISO will conduct the Part A Exemption Test for the New York City Locality prior to its evaluation for the G-J Locality.

23.4.5.7.3.1.3 An Examined Facility will be in Part A Group 2 Examined Facilities unless: (i) it is already in-service; or (ii) the ISO has determined it (a) falls within a category of resources with a construction timeline of less than three years, including but not limited to small generators sized at or below 20 MW or uprates to existing generators and (b) is reasonable to project the facility could be in-service prior to the start of the second Winter Capability Period that falls within the Part A Mitigation Study Period Years 1 through 3. Those Examined Facilities that meet either (i) or (ii) above will be in Part A Group 1 Examined Facilities.

23.4.5.7.3.1.4 The ISO will post which Examined Facilities comprise the Part A Group 1 Examined Facilities and Part A Group 2 Examined Facilities 120 days after the ~~Annual Transmission Cluster~~ Baseline Assessment lock down of any Class Year Study or Cluster Study; and 30 days after the start of any applicable Expedited Deliverability Studies.

23.4.5.7.3.2 The ISO shall compute the reasonably anticipated ICAP Spot Market Auction forecast price for any Mitigated Capacity Zone in accordance with Section 23.4.5.7.15.

When the ISO is evaluating more than one Examined Facility concurrently in either a Class Year Study, Cluster Study, Additional SDU Study or Expedited Deliverability Study, the ISO shall recognize in its computation of the anticipated

ICAP Spot Market Auction forecast price that Generators or UDR projects will clear from lowest to highest, using for each Examined Facility the lower of (i) the first year value of its Unit Net CONE, or (ii) the numerical value equal to 75 percent of the Mitigation Net Cone, then inflated in accordance with 23.4.5.7 for each of the year two and year three of the Mitigation Study Period. However, if an Examined Facility has accepted its determination from a Class Year Study, Cluster Study, Additional SDU Study, or Expedited Deliverability Study, then the Examined Facility shall also be included in the BSM Forecast for any subsequently completed Class Year Study, Cluster Study, Additional SDU Study, or Expedited Deliverability Study that utilized the same Mitigation Study Period that was used to evaluate the Examined Facility. If an Examined Facility completes its Additional SDU Study after the completion of the Class Year Study or Cluster Study that it originally entered but before the time the ISO completes a subsequent Class Year's or Cluster Study's Cluster~~Annual Transmission~~ Baseline Assessment study cases then that Examined Facility shall have a separate decisional process utilizing the Mitigation Study Period from the most recently completed Class Year Study or Cluster Study.

#### **23.4.5.7.3.3 [Intentionally Left Blank]**

All ~~Developers~~, Interconnection Customers, and Installed Capacity Suppliers for any Examined Facility that do not request CRIS shall provide data and information requested by the ISO by the date specified by the ISO, in accordance with the ISO Procedures. For any such Examined Facility that is in a Class Year Study, Cluster Study, Additional SDU Study or Expedited Deliverability Study on the date the ISO issues a notice to stakeholders that the



decisional period of which the Examined Facility is a member has been completed but that only has ERIS rights, the ISO shall utilize the data first provided in its analysis of the Unit Net CONE in its review of the project in any future Class Year Study, Cluster Study, Additional SDU Study, or Expedited Deliverability Study in which the Generator or UDR project requests CRIS. The ISO shall determine the reasonably anticipated Unit Net CONE with the costs to be determined in the Project Cost Allocation, as applicable, prior to or contemporaneous with the commencement of the Initial Decision ~~Period~~Round, and shall provide to the Examined Facility the ISO's initial determination of an exemption or the Offer Floor.

The ISO shall provide to each Examined Facility its price forecast and an initial determination (incorporating its revised Project Cost Allocation) prior to or contemporaneous with the commencement of the Initial Decision ~~Period~~Round for the Class Year Study, Cluster Study, Additional SDU Study, and the Expedited Deliverability Study and for each Subsequent Decision ~~Period~~Round for the Class Year Study, Cluster Study, and Additional SDU Study no later than the ISO's issuance of a Revised Project Cost Allocation for the Class Year Study, Cluster Study, and Additional SDU Study.

If an Examined Facility remains a member of the completed Class Year Study, Cluster Study, Additional SDU Study, or Expedited Deliverability Study, the ISO shall inform the Examined Facility of the final Offer Floor determination(s) or the Offer Floor exemption(s) that will apply to the Examined Facility as soon as practicable after the date the ISO issues a notice to stakeholders that the decisional period has been completed, in accordance with methods and procedures specified in ISO Procedures.

When evaluating Examined Facilities pursuant to this Section 23.4.5.7, the ISO shall seek comment from the Market Monitoring Unit on matters relating to the determination of price

projections and cost calculations. The responsibilities of the Market Monitoring Unit that are addressed in this section of the Mitigation Measures are also addressed in Section 30.4.6.2.13 of Attachment O to this Services Tariff.

23.4.5.7.3.4 If a Generator or UDR Project that would be an Examined Facility under the criteria provided in (II) of the Examined Facility definition in Section 23.2.1 has not provided written notice to the ISO on or before the ~~Class Year~~Cluster Study Start Date for the Class Year Study or the Expedited Deliverability Study Start Date for the expedited Delivery Study with which it was eligible to be examined, or any Examined Facility required to be reviewed does not provide all of the requested data by the date specified by the ISO, the proposed Capacity shall be subject to the Mitigation Net CONE Offer Floor for the period determined by the ISO in accordance with Section 23.4.5.7.

23.4.5.7.3.5 Except as specified in Section 23.4.5.7.6 with respect to Additional CRIS MW, an Examined Facility for which an exemption or Offer Floor determination has been rendered may only be reevaluated for an exemption or Offer Floor determination if it meets the criteria provided in (I) of the Examined Facility definition in Section 23.2.1 and was not previously in a Class Year Study, Cluster Study, Additional SDU Study, or Expedited Deliverability Study at the time of their completion and the Examined Facility either (a) enters a new Class Year or Cluster Study and requests CRIS or (b) intends to receive transferred CRIS rights at the same location. An Expected CRIS Transferee that received CRIS will be bound by the determination rendered and will not be reevaluated. An Examined

Facility under the criteria that had been set forth in Section 23.4.5.7.3 (III) prior to May 19, 2016, will not be reevaluated.

23.4.5.7.3.6 In order to become an Examined Facility in an Expedited Deliverability Study an eligible Project must (1) provide a written request to the ISO's Market Mitigation and Analysis Department; and (2) satisfy all of the applicable data requirements in accordance with ISO Procedures prior to the start of the Expedited Deliverability Study. Once the data submission is deemed complete by the ISO the eligible Project will be notified by the ISO that it has satisfied the data requirements to enter an Expedited Deliverability Study.

23.4.5.7.3.7 If the Installed Capacity Supplier first offers UCAP prior to the first Capability Year of the Mitigation Study Period for which it was evaluated, its Offer Floor shall be reduced using the same numerical value for the inflation index that was used in the final determination issued under Section 23.4.5.7.4 (*i.e.*, when the Examined Facility remains a member of the completed Class Year or Cluster Study as identified in Section 23.4.5.7.4. If the Installed Capacity Supplier first offers UCAP after the first Capability Year of the Mitigation Study Period for which it was evaluated, its Offer Floor shall be increased using the inflation rate identified in 23.4.5.7.

#### **23.4.5.7.3.8 Net Energy and Ancillary Services Revenue Projections for UDR Projects**

For the purposes of making an exemption determination or Unit Net CONE determination pursuant to Section 23.4.5.7 for an Examined Facility that is a UDR project, the ISO will determine the likely projected net Energy and Ancillary Services revenues utilizing a methodology that reflects, as applicable, but is not limited to, the guiding principles set forth in

Section 23.4.5.7.3.8.1. The ISO will implement this Section 23.4.5.7.3.8 in accordance with Section 23.4.5.7.3.8.2.

23.4.5.7.3.8.1 The methodology used for a specific UDR project shall reflect the following guiding principles, where applicable:

- (a) The design and characteristics of the UDR project as proposed in the Class Year or Cluster Study, including whether it is proposed to be uni-directional or bi-directional.
- (b) The market structure, scheduling rules, price formation rules, and other relevant characteristics and rules of the Control Area at each terminus of the UDR project.
- (c) The reasonably projected effects of transactions utilizing the UDR project on NYCA and External Control Areas prices, including proxy bus prices.
- (d) The reasonably projected cost to purchase energy, capacity, and ancillary services that would be transmitted into, and if the UDR project is proposed in the Class Year or Cluster Study to be bi-directional also from, the Mitigated Capacity Zone, utilizing the UDR project at the rate determined by: (i) market-based clearing price mechanisms to the extent that the External Control Area uses them, or ISO market prices if an internal UDR project; (ii) a reasonable substitute, in the ISO's judgment, to the extent that the External Control Area does not use market-based clearing price mechanisms to determine prices. The costs to purchase energy and capacity, and any other products associated therewith, shall not be based on advantages or sources of revenue that would not reflect arm's-length transactions, or that are not in ordinary course of business for a competitive energy market participant.

- (e) The reasonably anticipated fees for transmitting the ISO-projected energy, capacity, and ancillary services transactions utilizing the UDR project. These fees shall include any export fees, transmission services charges, ancillary services fees, scheduling fees, and other fees and costs.
- (f) The reasonably projected opportunity costs (including fees) of selling energy, capacity, and any other products associated with the sale of energy, into an External Control Area in lieu of a sale transaction into the Mitigated Capacity Zone.
- (g) The reasonably projected revenues from the sale of energy and ancillary services that would be transmitted into, and if the UDR project is proposed in the Class Year Study, Cluster Study, or Additional SDU Study to be bi-directional also from, the Mitigated Capacity Zone, utilizing the UDR project at the rate determined by: (i) market-based clearing price mechanisms to the extent that the External Control Areas uses them, or ISO market prices if an internal UDR project; (ii) a reasonable substitute, in the ISO's judgment, to the extent that the External Control Area does not use market-based clearing price mechanisms to determine prices. The revenues from the sale of energy, capacity, and any other products associated with the sale thereof, into an External Control Area shall not be based on advantages or sources of revenue that do not reflect arm's-length transactions, or that are not in ordinary course of business for a competitive energy market participant.
- (h) The effect of scheduling uncertainty and imperfect arbitrage on the projected costs and revenues from the purchase and sale of energy and ancillary services

that are reasonably projected to be transmitted into, and if the UDR project is proposed in the Class Year Study, Cluster Study, or Additional SDU Study to be bi-directional also from, the Mitigated Capacity Zone, utilizing the UDR project.

#### **23.4.5.7.3.8.2 Implementation**

- (a) The ISO shall seek comment from the Market Monitoring Unit on the methodology the ISO will use to project net Energy and Ancillary Services for each UDR project, and the inputs used to perform the calculation. The responsibilities of the Market Monitoring Unit that are addressed in this section are also addressed in Section 30.4.6.2.13 of Attachment O.
- (b) The ISO shall post on its website a description of the methodology used for each UDR project, subject to any restrictions on the disclosure of Confidential Information or Critical Energy Infrastructure Information.
- (c) If a Project withdraws from a Class Year Study, Cluster Study, or Additional SDU Study and then enters another Class Year or Cluster Study (regardless of whether it has the same or a different interconnection queue position), the ISO may utilize a different methodology than it previously used, provided it reflects, where applicable, the guiding principles set forth in Section 23.4.5.7.3.8.1 and implemented in accordance with Section 23.4.5.7.3.8.2(a) and (b).

#### **23.4.5.7.5 Excluded Facility Certification**

Certifications and Acknowledgments found in this section must be made on behalf of an Excluded Facility that asserts the project or Resource complies with the criteria specified in (i), (ii) and/or (iii) of the Excluded Facilities definition in Section 23.2 of the Services Tariff. Such an Excluded Facility shall be legally bound by the following Certification and Acknowledgement executed by a duly authorized officer:

## CERTIFICATION AND ACKNOWLEDGMENT OF EXCLUDED FACILITY STATUS OF RESOURCE OR UDR PROJECT

I [NAME & TITLE] hereby certify on behalf of myself, [NAME OF RESOURCE/PROJECT], and [NAME OF INTERCONNECTION CUSTOMER~~DEVELOPER~~/OWNER/OPERATOR] that each of the following statements is true and correct:

1. I am an officer whose responsibilities include the [development, ownership, or operational control] of [NAME OF RESOURCE/PROJECT], New York Independent System Operator, Inc.'s ("NYISO") [~~Interconnection~~ Queue ~~Position~~/PTID Number (INSERT NUMBER)].
2. I am duly authorized to make representations concerning [NAME OF RESOURCE/PROJECT] for [NAME OF INTERCONNECTION CUSTOMER~~DEVELOPER~~/OWNER/OPERATOR], including each of the certifications and acknowledgements that I have made in this document.
3. I hereby certify to the Excluded Facility Status of [NAME OF RESOURCE/PROJECT] as meeting the following criteria as provided in Section 23.2 of the Services Tariff in accordance with ISO Procedures and consistent with the documents provided in Schedule 1 of this Certification [select all that apply:  
i) the Resource technology type is specifically identified by the CLCPA or is publicly identified by New York State as supporting the goals of the CLCPA; (ii) the Resource or UDR project has a contract with the State of New York in order to achieve the goals of the CLCPA (such as a Tier 1 or Tier 4 contract with NYSERDA); or (iii) the Resource or UDR project is eligible to receive a contract authorized by New York State that is supporting the goals of the CLCPA (such as a Tier 1 or Tier 4 contract with NYSERDA)].
4. I have reviewed and understand the requirements established under the NYISO Market Administration and Control Area Services Tariff ("Services Tariff") related to its Buyer Side Mitigation provisions described in Sections 23.2 and 23.4.5.7, *et seq* of the Services Tariff ("BSM Rules").
5. I have personal knowledge of the facts and circumstances supporting [NAME OF RESOURCE/PROJECT]'s status as an Excluded Facility pursuant to the NYISO's BSM Rules.
6. [Interconnection Customer~~Developer~~/Owner/Operator] shall provide any information or cooperation requested by the NYISO in connection with this Certification and Acknowledgement of Excluded Facility Status.

I hereby acknowledge on behalf of myself, [NAME OF RESOURCE/PROJECT], and [NAME OF INTERCONNECTION CUSTOMER~~DEVELOPER~~/OWNER/OPERATOR] that:



- a. The submission of false, misleading, or inaccurate information, or the failure to submit information requested by the NYISO or to cooperate with a request related to this Certification and Acknowledgement, shall constitute a violation of Section 4.1.7 of the Services Tariff, and may be subject to the Commission's review, a violation of the Commission's regulations and Section 316A of the Federal Power Act.
- b. If false, misleading, or inaccurate information is submitted, or requested information is not provided, including but not limited to information contained or submitted in this Certification and Acknowledgement, Excluded Facility status shall not be recognized for [NAME OF RESOURCE/PROJECT] which may potentially be subject to an Offer Floor in accordance with the BSM Rules unless it is otherwise determined to be exempt pursuant to Section 23.4.5.7.2(a) or (b) of the Services Tariff.
- c. If the Project submits false, misleading, or inaccurate information, or fails to submit requested information to the NYISO or to cooperate with a request, including but not limited to information contained or submitted in the Certification and Acknowledgement on behalf of the Project, it may be subject to civil penalties that may be imposed by the Commission for violations of Section 4.1.7 of Services Tariff, the Commission's rules, and/or Section 316A of the Federal Power Act.

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[PRINT NAME]

[DATE]

Subscribed and sworn to before me  
this [ ] day of [MONTH] [YEAR].

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Notary Public

My commission expires: \_\_\_\_\_

**[PROJECT NAME] SCHEDULE 1 CERTIFICATION AND ACKNOWLEDGEMENT  
LIST AND ATTACHMENT OF PERTINENT  
DOCUMENTS AND AGREEMENTS  
[DATE]**

**Source of Document/Parties to Agreement:** \_\_\_\_\_

**Title:** \_\_\_\_\_

**Date Issued/Executed:** \_\_\_\_\_

#### **23.4.5.7.5.1 Timing for Requests, Required Submittals, and Withdrawals**

The executed Certification and Acknowledgement form required by Section 23.4.5.7.5 shall be submitted concurrent with a request to be considered an Excluded Facility. The ISO may request additional information or updated certifications at any time prior to the date that the Class Year or Cluster Study decisional process of which the Examined Facility is a member has been completed. Requests for Resources or UDR projects to be considered an Excluded Facility in Class Years or Cluster Studies and Requests for Resources to be considered an Excluded Facility in Expedited Deliverability Studies must be received by the ISO no later than the deadline by which a facility must notify the ISO of its election, as applicable, (A) to enter the Cluster Study, such date as set forth in Section 40.5.1 of OATT Attachment HH or (B) to enter the Class Year Study or Expedited Deliverability Study, such date as set forth in Section 25.5.9 OATT of Attachment S, except (i) that for members of the ongoing Class Year 2021 Study that must certify to their Excluded Facility Status, certification shall be submitted to the NYISO with the request to be considered as an Excluded Facility within twenty-one calendar days from [ ], the effective date of this tariff section and (ii) as noted in 23.4.5.7.5.1.1 below.

The ISO shall determine, in consultation with the Market Monitoring Unit, whether a Resource or UDR project is an Excluded Facility, subject to any required further submissions of information, prior to the Initial Decision Period within which an Interconnection Customer ~~Developer~~ must provide an Acceptance Notice or Non-Acceptance Notice to the ISO in response to the first Project Cost Allocation issued by the ISO to the Interconnection Customer ~~Developer~~.

**23.4.5.7.5.1.1** Existing Resources or UDR projects with an Offer Floor that was applied prior to ~~the ongoing~~ Class Year 2021 Study may request at any time to be an Excluded Facility, consistent with ISO Procedures. The ISO may request additional information at any time and updated certifications at any time for these requests prior to the issuance of a determination.

#### **23.4.5.7.5.2 Notifications**

The ISO shall post on its website a list of each Examined Facility that requests to be an Excluded Facility that becomes a member of the Class Year Study, Cluster Study, or Expedited Deliverability Study, promptly after, as applicable, (i) for a Cluster Study Process, the posting of the Cluster Study Project List as set forth in Section 40.7.2 of Attachment H of the OATT, (ii) for a Class Year Study, the deadline set forth in Section 30.8.1 of Attachment X of the OATT ~~(Attachment X)~~ (by which the ISO must receive the Developer's executed Class Year Interconnection Facilities Study Agreement ~~and deposit~~), or (iii) for an Expedited Deliverability Study, the deadline set forth in Section 25.5.9.2.2 of OATT Attachment S, or Section 40.19.3.2 of OATT Attachment HH, as applicable (by which the ISO must receive the Developer's executed Expedited Deliverability Study Agreement). The ISO shall also post on its website a list of all Examined Facilities that it determines to be Excluded Facilities at the conclusion of the associated Class Year Study, Cluster Study, Additional SDU Study, or Expedited Deliverability Study. The ISO shall update the list to reflect any changes.

#### **23.4.5.7.5.3 False, Misleading, or Inaccurate Information**

The submission of false, misleading, or inaccurate information, or the failure to submit requested information and cooperate in connection with a certification of Excluded Facilities status shall constitute a violation of the Services Tariff. Such violation shall be reported, by the ISO, to the Market Monitoring Unit and to the Commission's Office of Enforcement (or any successor to its responsibilities).

#### **23.4.5.7.6 Exemption and Offer Floor Determinations for Additional CRIS MW:**

All requests for Additional CRIS MW for an Examined Facility located in a Mitigated Capacity Zone, in a Class Year Study, Cluster Study, Additional SDU Study, Expedited Deliverability Study or through a transfer, shall be evaluated for a buyer-side mitigation exemption or Offer Floor in accordance with this Section 23.4.5.7.6 and with respect to requests for Competitive Entry Exemption in accordance with Section 23.4.5.7.9.6 and the applicable provisions of Section 23.4.5.7.9. Additional CRIS MW obtained in a Class Year Study, Cluster Study, Additional SDU Study, Expedited Deliverability Study or obtained through a transfer at the same location shall be exempt from an Offer Floor (a) if the price that is equal to (x) the average of the ICAP Spot Market Auction price for each month in the two Capability Periods, beginning with the Summer Capability Period commencing three years from the start of the Starting Capability Period is projected by the ISO, in accordance with Section 23.4.5.7.15, to be higher than (y) the highest Offer Floor based on the Mitigation Net CONE that would be applicable to such Additional CRIS MW in the same two (2) Capability Periods (utilized to compute (x)); (b) if the price that is equal to the average of the ICAP Spot Market Auction prices in the Mitigation Study Period is projected by the ISO, in accordance with Section 23.4.5.7.15, to be higher than the reasonably anticipated Unit Net CONE computed in accordance with (i) and (ii) of Section 23.4.5.7.6.1 for the Installed Capacity Supplier's Additional CRIS MW, or (c) for the quantity of MW determined to be exempt pursuant to Section 23.4.5.7.13 or 23.4.5.7.14 (*i.e.*, a Self Supply Exemption can be received for some Additional

CRIS MW that comprise all or part of the same request for Additional CRIS MW in a given Class Year Study, Cluster Study, Additional SDU Study, and Expedited Deliverability Study (except that Self Supply Exemptions are not available for projects evaluated as part of the Expedited Deliverability Study).

23.4.5.7.6.1 For Additional CRIS MW requested by an Examined Facility, when an exemption or Offer Floor is determined pursuant to this Section 23.4.5.7.6, the ISO shall compute Unit Net CONE as follows:

- (i) Unit Net CONE for the Additional CRIS MW shall be based on the Additional CRIS MW and the costs and revenues of and associated with the Additional CRIS MW if:
  - (a) the prior final determination(s) concluded that the Installed Capacity for which the Examined Facility accepted CRIS was exempt from the Offer Floor pursuant to Section 23.4.5.7.2(b), 23.4.5.7.6(b), 23.4.5.7.7, or 23.4.5.7.8; or
  - (b) at the time of an Examined Facility's request for Additional CRIS MW: (1) it has accepted CRIS MW equal to, or greater than, 95 percent of the Examined Facility's maximum MW of electrical capability, net of auxiliary load, at an ambient temperature of 93° F as determined in accordance with ISO Procedures and (2) the amount of Cleared UCAP is greater than or equal to the amount of UCAP calculated pursuant to Section 23.4.5.7.6.3; or
  - (c) the Examined Facility's Total Evaluated CRIS MW includes exempted CRIS MW for which the Examined Facility did not receive a Unit Net CONE determination and thus did not provide data to the ISO because the determination

for the exempt CRIS MW received was not based on Unit Net CONE and was made prior to November 27, 2010.

- (ii) or in all other cases, Unit Net CONE, shall be the greater of two values, one based on the Total Evaluated CRIS MW for the Examined Facility, and the costs and revenues of the Total Evaluated CRIS MW, and one based on the Additional CRIS MW, and the costs and revenues of the Additional CRIS MW.

23.4.5.7.6.2 When calculating the Unit Net CONE of the Total Evaluated CRIS MW for an Examined Facility, the ISO shall utilize the Examined Facility's first year Unit Net CONE determined pursuant to Section 23.4.5.7 and Section 23.4.5.7.3.2, adjusted to the year's dollars at the time of an Examined Facility's request for Additional CRIS MW using: (i) the relevant value from the price index for non-farm business output published in the Survey of Current Business by the Department of Commerce's Bureau of Economic Analysis ("BEA Non-Farm Price Index"), or its successor; or (ii) the most recent inflation rate determined pursuant to Section 5.14.1.2.2.4.11 for any future year which is beyond the published BEA Non-Farm Price Index, or its successor.

23.4.5.7.6.3 For purposes of making the determination pursuant to Section 23.4.5.7.6.1(i)(b)(2), the amount of Cleared UCAP shall be compared to an amount of UCAP calculated as the product of the CRIS MW held by the Examined Facility immediately prior to its request for Additional CRIS MW and (1-EFORd). Except as specified in the next paragraph, for purposes of this calculation, if the Examined Facility is a Generator, its EFORd shall be derived using the data in the 5-year average NERC-GADS Generating Availability

Report, or its successor, for the main class of the unit (hereinafter the “Class Average EFORD”) that is current at the time of the request for Additional CRIS MW, when available. In all other cases, the ISO will apply the 5-year average derating factor from the ICAP/UCAP translation, for the smallest Mitigated Capacity Zone in which the resource is located at the time of the request. The EFORD applied by the ISO at the time that the Examined Facility first offers or certifies UCAP in an Installed Capacity auction (“Initial Entry EFORD”) shall be used instead of Class Average EFORD when it is higher (*i.e.*, a greater outage rate) than the Class Average EFORD calculated at the time of the Examined Facility’s request for Additional CRIS MW.

23.4.5.7.6.4 Additional CRIS MW shall be subject to the Mitigation Net CONE Offer Floor for the period specified in Section 23.4.5.7, for any Examined Facility whose Total Evaluated CRIS MW includes CRIS MW that are or have ever been subject to the Mitigation Net CONE Offer Floor, pursuant to Section 23.4.5.7.3.4.

23.4.5.7.6.5 The Offer Floor for Additional CRIS MW shall be equal to the lesser of:  
(a) the Unit Net CONE for the Additional CRIS MW; or (b) a numerical value equal to 75 percent of the Mitigation Net CONE translated into a seasonally adjusted monthly UCAP value for the Additional CRIS MW.

23.4.5.7.6.6 The results of this exemption determination shall apply only to the Additional CRIS MW and shall not alter or affect any prior exemption or Offer Floor determination for the Examined Facility. The Additional CRIS MW for which CRIS is received shall be bound by the determination rendered and will not



be reevaluated unless the Examined Facility enters a new Class Year for the Additional CRIS MW.

23.4.5.7.6.7 When the ISO makes a mitigation exemption or Offer Floor determination for an Examined Facility's Additional CRIS MW for an Installed Capacity Supplier other than that to which the Unit Net CONE determination for the Examined Facility was rendered, the ISO shall provide such Installed Capacity Supplier with the Examined Facility's first year Unit Net CONE value if the Installed Capacity Supplier (a) requests that information, and (b) represents that it: (i) will use that information solely for purposes of considering a request for Additional CRIS MW for the Examined Facility, and (ii) will not share that information with or make it available to any other person except those that are assisting it in considering a request for Additional CRIS MW.

23.4.5.7.6.8 The ISO shall post on its website the determination of whether the project is exempt or non-exempt from an Offer Floor as soon as the determination is final. Concurrent with the ISO's posting, the Market Monitoring Unit shall publish a report on the ISO's determination, as further specified in Section 30.4.6.2.13 of Attachment O to this Services Tariff.

23.4.5.7.6.9 For Additional CRIS MW requested by an Examined Facility, the ISO may consider any shared costs when determining the methodology for calculating the Unit Net CONE for Additional CRIS MW in accordance with Section 23.4.5.7.6.1 above.

**23.4.5.7.7** An Installed Capacity Supplier or UDR project that is an Excluded Facility shall not be subject to an Offer Floor. An In-City Installed Capacity Supplier that was an existing facility on or before March 7, 2008 shall be exempt from an Offer Floor with respect to the MW of CRIS that it had as of that date unless the CRIS subsequently expired under Section 25.9.3.1 or 40.18.2.1 of the ISO OATT. A Generator or UDR project that was an existing facility on or before June 29, 2012, which: (i) is in a Mitigated Capacity Zone except New York City, and (ii) was grandfathered from the deliverability requirement at a certain quantity of MW of CRIS pursuant to Section 25.9.3.1 of ~~OATT~~ Attachment S or Section 40.18.2.1 of Attachment HH to the OATT (“Deliverability Grandfathering Process”) shall be exempt from an Offer Floor for the MW quantity of CRIS that was provided through the Deliverability Grandfathering Process plus an additional 2 MW obtained through Section 30.3.2.6 of Attachment X or Section 40.5.6.6 of Attachment HH to the OATT unless the CRIS subsequently expired under Section 25.9.3.1 or 40.18.2.1 of the ISO OATT. If the Generator or UDR project subsequently received CRIS either (I) after the expiration of its CRIS (under Section 25.9.3.1 or 40.18.2.1 of the ISO OATT) to which the exemption under this Section 23.4.5.7.7 applied or (II) above the quantity established through the Deliverability Grandfathering Process, this exemption shall not apply to any such increase above the 2 MW allowed in Section 30.3.2.6 of Attachment X or Section 40.5.6.6 of Attachment HH to the OATT.

**23.4.5.7.8** For any Mitigated Capacity Zone except New York City:

- (I) Any existing or proposed Generator or UDR project that is not an Excluded Facility and that has the characteristics specified in this Section 23.4.5.7.8(I) shall be exempt from an Offer Floor with respect to the MW of CRIS that it received at the time, or for which it satisfied the specific CRIS transfer requirements stated in this Section. To be eligible for an exemption under this Section: (a) the existing or proposed Generator or UDR project's location must be included in the ISO's March 31 Filing in the ICAP Demand Curve Reset Filing Year in which a Mitigated Capacity Zone is first applied to such location; (b) prior to that March 31 Filing the existing or proposed Generator or UDR project must have both: (i) Commenced Construction and (ii) either (1) received the MW of CRIS in a Class Year or Cluster Study that was completed or (2) submitted to the ISO an Interconnection Request -that specifically states that the Generator or UDR project will be requesting or has requested a transfer of a specific MW quantity of CRIS at the same location in accordance with Section 25.9.4 of Attachment S or 40.18.3 of Attachment HH to the OATT-~~Attachment S~~ (provided that the transfer is ultimately approved by the ISO and consummated); and (c) the existing or proposed Generator or UDR project must demonstrate to the ISO no later than the deadline established by the ISO that it satisfies the requirements of (b) (i) and (ii) above; and
- (II) An existing or proposed Generator or UDR project that is not an Excluded Facility and that is not subject to a deliverability requirement (and therefore, is not in a Class Year or Cluster Study and does not receive CRIS MW) shall be exempt

from an Offer Floor if it meets the following requirements prior to the ISO's March 31 Filing in an ICAP Demand Curve Reset Filing Year in which a Mitigated Capacity Zone is first applied to such location: (a) has Commenced Construction, (b) has an effective interconnection agreement, and (c) provides specific written notification to the ISO that it meets requirements (a) and (b) of this subsection 23.4.5.7.8(II) no later than the deadline established by the ISO.

The ISO shall consult with the Market Monitoring Unit prior to determining whether an existing or proposed Generator or UDR project has Commenced Construction. Prior to the ISO making its determination, the Market Monitoring Unit shall provide the ISO a written opinion and recommendation regarding whether an existing or proposed Generator or UDR project Commenced Construction. The responsibilities of the Market Monitoring Unit that are addressed in this section of the Mitigation Measures are also addressed in Section 30.4.6.2.13 of Attachment O. The ISO shall only make a determination pursuant to this Section for an existing or proposed Generator or UDR project for the Mitigated Capacity Zone's first application to the location of the project. The Market Monitoring Unit shall also provide a public report on its assessment of an ISO determination that an existing or proposed Generator or UDR project is exempt from an Offer Floor pursuant to this Section 23.4.5.7.8.

### **23.4.5.7.9 Competitive Entry Exemption**

#### **23.4.5.7.9.1 Eligibility**

The eligibility of an Examined Facility, except an Examined Facility that has made a request for Additional CRIS MW, to request and receive a Competitive Entry Exemption is governed by Sections 23.4.5.7.9.1 through 23.4.5.7.9.5. The eligibility of an Examined Facility that that has made a request for Additional CRIS MW to request and receive a Competitive Entry Exemption is governed by Sections 23.4.5.7.9.6 and otherwise as referenced in Section 23.4.5.7.9.1 and Sections 23.4.5.7.9.2.2 through 23.4.5.7.9.5 except as expressly excluded.

23.4.5.7.9.1.1 An Examined Facility that becomes a member of a Class Year Study or Cluster Study after Class Year 2012 or is a member of an Expedited Deliverability Study may request to be evaluated for a “Competitive Entry Exemption” for its CRIS MW and shall qualify for such exemption if the ISO determines that the proposed Examined Facility meets each of the following requirements: (a) it does not have, and at no time before the Examined Facility that is a Generator first produces or that is a UDR project first transmits energy (for purposes of this Section 23.4.5.7.9, the “Entry Date”) shall have, (i) a direct or indirect “non-qualifying contractual relationship,” as defined in Section 23.4.5.7.9.1.2, with a “Non-Qualifying Entry Sponsors”; or (ii) an unexecuted agreement, written or unwritten, with a Non-Qualifying Entry Sponsor that would support the development of the project, except those agreements that would not constitute a “non-qualifying contractual relationship,” as set forth in Section 23.4.5.7.9.1.3(i) – (viii), (b) is not itself, and is not an Affiliate of, a Non-Qualifying Entry Sponsor.

23.4.5.7.9.1.2 For purposes of Section 23.4.5.7.9, a direct “non-qualifying contractual relationship” shall include but not be limited to any contract, agreement, arrangement, or relationship (for the purposes of this Section 23.4.5.7.9, a “contract”) of the Interconnection CustomerDeveloper or any Affiliate of the Interconnection CustomerDeveloper of the Examined Facility that is the subject of the request for a Competitive Entry Exemption that: (a) directly relates to the planning, siting, interconnection, operation, or construction of the Examined Facility; (b) is for the energy or capacity produced by or delivered from or by the Examined Facility, including an agreement for rights to schedule or use a UDR; or (c) provides services, financial support, or tangible goods to the Examined Facility, its Interconnection CustomerDeveloper, or Affiliates which could benefit the Interconnection CustomerDeveloper, its Affiliates, the Examined Facility, or potential future Additional CRIS MW associated with it. For purposes of Section 23.4.5.7.9, an indirect “non-qualifying contractual relationship” is any contract between the Interconnection CustomerDeveloper of the Examined Facility or its Affiliate and an entity (for purposes of this Section 23.4.5.7.9, a “third party”) if the third party has a non-qualifying contractual relationship with a Non-Qualifying Entry Sponsor that states that it will benefit, or which the ISO determines has the purpose or effect of benefitting, at the time of the Competitive Entry Exemption evaluation or thereafter (including after an Examined Facility or Additional CRIS MW enters the market), (i) any portion of the Examined Facility, or its Interconnection CustomerDeveloper/Owner (ii) the owner of the site on

which the Examined Facility is located, (iii) any facilities, equipment, or personnel shared by an Examined Facility and another entity.

23.4.5.7.9.1.3 A contract with a Non-Qualifying Entry Sponsor shall not constitute a “non-qualifying contractual relationship” if it is (i) an ~~I~~nterconnection ~~A~~greement; (ii) an agreement for the construction or use of interconnection facilities or transmission or distribution facilities, or directly connected joint use transmission or distribution facilities (including contracts required for compliance with Articles VII or 10 of the New York State Public Service Law or orders issued pursuant to Articles VII or 10); (iii) a grant of permission by any department, agency, instrumentality, or political subdivision of New York State to bury, lay, erect or construct wires, cables or other conductors, with the necessary poles, pipes or other fixtures in, on, over or under public property; (iv) a contract for the sale or lease of real property to or from a Non-Qualifying Entry Sponsor at or above fair market value as of the date of the agreement was executed, such value demonstrated by an independent appraisal at the time of execution prepared by an accountant or appraiser with specific experience in such valuations; (v) an easement or license to use real property; (vi) a contract, with any department, agency, instrumentality, or political subdivision of New York State providing for a payment-in-lieu of taxes (*i.e.*, a “PILOT” agreement) or industrial or commercial siting incentives, such as tax abatements or financing incentives, provided the PILOT agreement or incentives are generally available to industrial or commercial entities; (vii) a service agreement for natural gas entered into under a tariff accepted by a regulatory body with jurisdiction over that service; or (viii) a

service agreement entered into under a tariff accepted by a regulatory body with jurisdiction over that service at a regulated rate for electric Station Power, or steam service, excluding an agreement for a rate that is a negotiated rate pursuant to any such regulated electric, or steam tariff; or (ix) a contract that is determined by the ISO, and that is certified in accordance with Section 23.4.5.7.9.6.6 to be a Competitive and Non-Discriminatory Hedging Contract. Notwithstanding the foregoing, a contract with a Non-Qualifying Entry Sponsor that includes a provision that is a non-qualifying contractual relationship will render the entire contract described in (i) through (ix) of this Section a non-qualifying contractual relationship.

23.4.5.7.9.1.4 The ISO shall determine whether an Examined Facility is eligible for a Competitive Entry Exemption based on its review of the certifications required by Section 23.4.5.7.9.2 for a proposed new Examined Facility and Section 23.4.5.7.9.6.5 for requests for Additional CRIS MW, below, and any other supporting data requested by the ISO. When evaluating eligibility for a Competitive Entry Exemption, the ISO shall consult with the Market Monitoring Unit. The responsibilities of the Market Monitoring Unit that are addressed in this section of the Mitigation Measures are also addressed in Section 30.4.6.2.13 of Attachment O to this Services Tariff.

#### **23.4.5.7.9.2 Certifications and Acknowledgements**

Certifications and Acknowledgments that must be made on behalf of Examined Facilities, except for Examined Facilities that have requested Additional CRIS MW, in order to receive a Competitive Entry Exemption, are governed by Sections 23.4.5.7.9.2.1 (and otherwise as



referenced in Section 23.4.5.7.9). Certifications and Acknowledgments that must be made on behalf of Examined Facilities that have requested Additional CRIS MW Examined Facilities, in order to receive a Competitive Entry Exemption, are governed by Sections 23.4.5.7.9.6.5 (and otherwise as referenced in Section 23.4.5.7.9 except as expressly excluded). Additional Certifications and Acknowledgements that must be made on behalf of Examined Facilities that assert that a contract should be deemed to be a Competitive and Non-Discriminatory Hedging Contract are governed by Section 23.4.5.7.9.6.6.

23.4.5.7.9.2.1 An Examined Facility (except an Examined Facility requesting Additional CRIS MW) requesting a Competitive Entry Exemption shall submit to the ISO in accordance with ISO Procedures, and shall be legally bound by, the following Certification and Acknowledgement executed by a duly authorized officer:

#### **CERTIFICATION AND ACKNOWLEDGMENT**

I [NAME & TITLE] hereby certify on behalf of myself, [NAME OF PROJECT], and [NAME OF INTERCONNECTION CUSTOMER DEVELOPER] that each of the following statements is true and correct:

1. I am an officer whose responsibilities include the development of the [EXAMINED FACILITY], New York Independent System Operator, Inc.'s ("NYISO") Interconnection Queue Position Number [INSERT NUMBER] (the "Project").
2. I am duly authorized to make representations concerning the Project [INTERCONNECTION CUSTOMER DEVELOPER/OWNER, and INTERCONNECTION CUSTOMER DEVELOPER's/OWNER's AFFILIATES], including each of the certifications and acknowledgements that I have made in this document.
3. I hereby [REQUEST ON BEHALF OF/ACKNOWLEDGE THE PRIOR SUBMISSION IN THIS CLASS YEAR STUDY, ADDITIONAL SDU STUDY, or EXPEDITED DELIVERABILITY STUDY BY] the Interconnection Customer Developer a Competitive Entry Exemption for the Project.
4. I have reviewed and I understand the requirements established under the NYISO Market Administration and Control Area Services Tariff ("Services Tariff") related to a "Competitive Entry Exemption" pursuant to Section 23.4.5.7.9.

5. I have personal knowledge of the facts and circumstances supporting the Project's request and eligibility for a Competitive Entry Exemption as of the date of this Certification and Acknowledgment, including all data and other information submitted by the Project to the NYISO.
6. To the best of my knowledge and having conducted due diligence that is current as of the date of this Certification there [ARE/ARE NOT ANY] direct or indirect contractual relationships with a "Non-Qualifying Entry Sponsor," as those terms are defined in Section 23.4.5.7.9 of the Services Tariff. I have listed all contracts of the Project, Interconnection CustomerDeveloper/Owner and all of its Affiliates with Non-Qualifying Entry Sponsors on Schedule 1 to this Certification including those that have expired or been terminated, and those for which performance remains to be completed.
7. If the Answer to (6) is that there are one or more direct or indirect contractual relationships for the Project with a Non-Qualifying Entry Sponsor, then I certify that to the best of my knowledge and having conducted due diligence that they are "allowable contracts" as set forth in Section 23.4.5.7.9.1.3(i) – (ix) of the Services Tariff. For each such contractual relationship, I have identified on Schedule 1 to this Certification the subsection(s) of 23.4.5.7.9.1.3(i) – (ix) which causes the contractual relationship to be an "allowable contract."
8. To the best of my knowledge and having conducted due diligence that is current as of the date of this Certification, (a) no unexecuted agreements, written or unwritten, with a Non-Qualifying Entry Sponsor exist that would support the development of the Project, the Interconnection CustomerDeveloper/Owner, or an Affiliate that directly or indirectly could reasonably be expected to benefit the Project except those agreements that would not constitute a non-qualifying contractual relationship, as set forth in Section 23.4.5.7.9.1.3(i) – (ix) of the Services Tariff, (b) all such written agreements and a description of all such unwritten agreements is set forth on Schedule 2 to this certification, and (c) none of the foregoing would constitute a non-qualifying contractual relationship. For each such unexecuted agreement I have identified on Schedule 2 to this certification the specific tariff subsection(s) of (i) – (ix) which causes the contractual relationship to be an "allowable contract."
9. To the best of my knowledge and having conducted due diligence, the Project is not a Non-Qualifying Entry Sponsor, and it is not an "Affiliate" (as Affiliate is defined in Section 2.1 of the Services Tariff) of, a Non-Qualifying Entry Sponsor.
10. The Interconnection CustomerDeveloper/Owner shall provide any information or cooperation requested by the NYISO in connection with the Project's request for a Competitive Entry Exemption.
11. All parents or Affiliates of the Project shall provide any information or cooperation requested by the ISO.

I hereby acknowledge on behalf of myself, [INSERT NAME OF PROJECT], and [NAME OF ~~INTERCONNECTION CUSTOMER/DEVELOPER~~/OWNER] that:

- a. The submission of false, misleading, or inaccurate information, or the failure to submit information requested by the NYISO or to cooperate with a request related to the Project's request for a Competitive Entry Exemption, including but not limited to information contained or submitted in this Certification and Acknowledgement on behalf of the Project, shall constitute a violation of Section 4.1.7 of the Services Tariff, and subject to the Commission's review, a violation of the Commission's regulations and Section 316A of the Federal Power Act.
- b. If the Project submits false, misleading, or inaccurate information, or fails to submit requested information to the NYISO or to cooperate with a request, including but not limited to information contained or submitted in this Certification and Acknowledgement on behalf of the Project, it shall cease to be eligible for a Competitive Entry Exemption and, if the Project has already received a Competitive Entry Exemption, that exemption shall be subject to revocation by the NYISO or the Commission after which the Project shall potentially be subject to an Offer Floor as specified under Section 23.4.5.7.9.5 starting with the date of the revocation pursuant to Section 23.4.5.7.9.5.3 of the Services Tariff unless otherwise determined to be exempt pursuant to Section 23.4.5.7.2(a) or (b) of the Services Tariff.
- c. If the Project submits false, misleading, or inaccurate information, or fails to submit requested information to the NYISO or to cooperate with a request, including but not limited to information contained or submitted in the Certification and Acknowledgement on behalf of the Project, it may be subject to civil penalties that may be imposed by the Commission for violations of Section 4.1.7 of Services Tariff, the Commission's rules, and/or Section 316A of the Federal Power Act.

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[PRINT NAME]

[DATE]

Subscribed and sworn to before me  
this [ ] day of [MONTH] [YEAR].

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Notary Public

My commission expires: \_\_\_\_\_

**PROJECT NAME] SCHEDULE 1 CERTIFICATION AND ACKNOWLEDGEMENT  
[DATE]**

**Parties to agreement   Date Executed   Effective Date   Date Performance Commences**

23.4.5.7.9.2.2 A duly authorized officer of the Generator or UDR project shall also submit a certification acknowledging that parents or Affiliates shall provide any information or cooperation requested by the ISO.

23.4.5.7.9.2.3 The certifying officers must have knowledge of the facts and circumstances supporting the request and qualification for a Generator's or UDR project's Competitive Entry Exemption.

23.4.5.7.9.2.4 Such certifications shall be submitted concurrent with the request for a Competitive Entry Exemption, (a) each time there is a proposed new contract, an executed new contract, or an amendment, revision, or addendum (or any similar change) to an executed or unexecuted contract, with a Non-Qualifying Entry Sponsor, and (b) each time the ISO requests a resubmittal of a certification, until the Examined Facility project's Entry Date.

23.4.5.7.9.2.5 The ~~Interconnection CustomerDeveloper~~ or Owner of the Examined Facility must notify the ISO if information in a certification ceases to be true, within two (2) business days after the earlier of the date that it learned that the information had ceased to be true or the date that it should have reasonably determined that the information was likely no longer to be true.

23.4.5.7.9.2.6 Failure to provide, without prior notification (such notification as described in Section 23.4.5.9.2.7 below), information or cooperation consistent with any certification shall be considered a false, misleading, or inaccurate submission for purposes of Section 23.4.5.7.9.5.

23.4.5.7.9.2.7 Where a written notification that information requested by the ISO or cooperation with a request will not be provided is received by the ISO's Market Mitigation and Analysis Department, within two (2) business days of an an Interconnection Customer Developer/Owner or its Affiliate's receipt of the ISO's request, such refusal shall not be considered a false, misleading, or inaccurate submission for purposes of Section 23.4.5.7.9.5 as long as the information and cooperation is provided by the earlier of a mutually agreed upon deadline or fifteen (15) calendar days. A failure by any other party to any such contract to provide any consent that might be necessary to disclose it or associated information to the ISO shall not excuse the Interconnection Customer Developer/Owner and its Affiliates from their obligations hereunder. A failure to provide a Certification and Acknowledgement in accordance with Sections 23.4.5.7.9.2.1, 23.4.5.7.9.2.4 and 23.4.5.7.9.2.5, any refusal to provide information, cooperation, or any other failure to provide information or cooperation by the deadline will (a) make the Examined Facility requesting a Competitive Entry Exemption in that Class Year or Cluster Study and ineligible to request a Competitive Entry Exemption in the future, whether in a Class Year or Cluster Study or as an Expected CRIS Transferee (in either case, under the same interconnection-qQueue pPosition number or a different qQueue Position

number), and (b) constitute a violation of the Services Tariff. Such violation shall be reported, by the ISO, to the Market Monitoring Unit and to the Commission's Office of Enforcement (or any successor to its responsibilities). The Examined Facility will receive a determination of exempt or non-exempt (and if the latter, an Offer Floor) under Sections 23.4.5.7.2(a) or (b) and 23.4.5.7.6(a) or (b) provided that the Examined Facility's (or its Affiliate's) failure under this Section does not also constitute a failure under Section 23.4.5.7.3.4 of the Services Tariff.

### **23.4.5.7.9.3 Timing for Requests, Required Submittals, and Withdrawals**

23.4.5.7.9.3.1 The executed Certification and Acknowledgement form required by Section 23.4.5.7.9.2 shall be submitted concurrent with a request for a Competitive Entry Exemption. The ISO may request additional information at any time and updated certifications at any time prior to the latter of the Examined Facility's Entry Date or the date that the Class Year or Cluster Study decisional process of which the Examined Facility is a member has been completed (or in the case of an Examined Facility that is an expected recipient of transferred CRIS rights, such Class Year or Cluster Study along with which it is being examined). An Examined Facility that is granted a Competitive Entry Exemption pursuant to this Section 23.4.5.7.9, shall be required to submit an executed Certification and Acknowledgement form set forth in Section 23.4.5.7.9.2 or Section 23.4.5.7.9.6.5, as applicable of the Services Tariff, updated when required by or upon request from the ISO pursuant to Section 23.4.5.7.9.2.4, until its Entry Date.

23.4.5.7.9.3.2 Requests for Competitive Entry Exemptions for Generators or UDR projects in Class Years or Cluster Studies subsequent to Class Year 2012 and

Requests for Competitive Entry Exemptions for Generators in Expedited Deliverability Studies must be received by the ISO no later than the deadline by which a facility must notify the ISO of its election, as applicable, (A) to enter the Cluster Study, such date as set forth in Section 40.5.1 of OATT Attachment HH or (B) to enter the Class Year Study or Expedited Deliverability Study, such date as set forth in Section 25.5.9 OATT Attachment S, except as noted below. If the Examined Facility is a request for transferred CRIS at the same location and a determination under Section 25.9.4 of Attachment S or Section 40.18.3 of Attachment HH to the OATT has been made that it does not need to be a member of a Class Year or Cluster Study, then the request for a Competitive Entry Exemption must be received by the election date of the Class Year or Cluster Study with which the Examined Facility will be examined under Section 23.4.5.7. With respect to Class Year 2019, requests for Competitive Entry Exemptions may be submitted after the deadline specified in the first sentence of this Section 23.4.5.7.9.3.2 within fifteen (15) calendar days of the day of the Commission's issuance of an order accepting revisions to Section 23.4.5.7.9 of the Services Tariff that were filed with the Commission on [December 20, 2019]. A Generator or UDR project that requests a Competitive Entry Exemption in a Class Year Study or Cluster Study or a Generator that requests a Competitive Entry Exemption in an Expedited Deliverability Study may not also request a Self Supply Exemption. An Examined Facility (except a request for Additional CRIS) that remains a member of the completed Class Year if such Class Year is Class Year 2012 or prior Class Year, shall not be eligible to request or receive a

Competitive Entry Exemption. The ISO shall determine whether an Examined Facility is exempt, subject to any required further submissions of information, or not exempt under the Competitive Entry Exemption, prior to the Initial Decision ~~RoundPeriod~~ within which ~~an Interconnection Customer~~~~a Developer~~ must provide an Acceptance Notice or Non-Acceptance Notice to the ISO in response to the first Project Cost Allocation issued by the ISO to the Interconnection Customer~~Developer~~.

23.4.5.7.9.3.3 An Examined Facility that submits a request for a Competitive Entry Exemption, including the required Certification and Acknowledgement, responses to information requests, and resubmittal, but (a) enters into a “non-qualifying contractual relationship” or (b) enters into an unexecuted agreement, written or unwritten, with a Non-Qualifying Entry Sponsor that would support the development of the Project, except those agreements identified in 23.4.5.7. 9.1.3 that would not constitute a “non-qualifying contractual relationship, may withdraw such request, provided that it notifies the ISO that it has entered into such “non-qualifying contractual relationship” within two (2) business days of doing so. An Examined Facility that withdraws its Competitive Entry Exemption request by this deadline shall remain eligible to obtain an exemption under Section 23.4.5.7.2(a) or (b) and 23.4.5.7.6(a) or (b) if the criteria of those provisions are satisfied. If an Examined Facility enters into the kind of impermissible arrangement described above and seeks to withdraw its request before the Class Year or Cluster Study Initial Decision ~~RoundPeriod~~ commences, but does not seek to withdraw until after this provision’s deadline, then it shall be



subject to the lesser of the Mitigation Net CONE Offer Floor or Unit Net CONE Offer Floor (such value calculated based on the date that it first offers UCAP, in accordance with Section 23.4.5.7.3.7, and adjusted annually in accordance with Section 23.4.5.7 of the Services Tariff,) but will not be subject to the provisions of Section 23.4.5.7.9.5.

#### **23.4.5.7.9.4 Notifications**

23.4.5.7.9.4.1 The ISO shall post on its website a list of each Examined Facility that requests a Competitive Entry Exemption that becomes a member of the Class Year Study, Expedited Deliverability Study or Cluster Study promptly after, as applicable, (i) for a Cluster Study Process, the posting of the Cluster Study Project List as set forth in Section 40.7.2 of Attachment H of the OATT, (ii) for a~~the~~ Class Year Study ~~or Expedited Deliverability Study, promptly after~~ the deadline set forth in Section 30.8.1 of the OATT (Attachment X) (by which the ISO must receive the Developer's executed Class Year Interconnection Facilities Study Agreement ~~and deposit~~), or (iii) (ii) for an Expedited Deliverability Study, the deadline set forth in Section 25.5.9.2.2 of OATT Attachment S, or Section 40.19.3.2 of OATT Attachment HH, as applicable (by which the ISO must receive the Developer's executed Expedited Deliverability Study Agreement). The ISO shall update the list as necessary. The ISO shall also post on its website whether a request for a Competitive Entry Exemption was denied, or granted, as soon as its determination is final.

23.4.5.7.9.4.2 Concurrent with the ISO posting of its final determination, the Market Monitoring Unit shall publish a report on the ISO's determination in accordance with Section 30.4.6.2.13 of Attachment O to this Services Tariff.

#### **23.4.5.7.9.5 Revocation**

23.4.5.7.9.5.1 The submission of false, misleading, or inaccurate information, or the failure to submit requested information and cooperate in connection with a request for a Competitive Entry Exemption shall constitute a violation of the Services Tariff. Such violation shall be reported, by the ISO, to the Market Monitoring Unit and to the Commission's Office of Enforcement (or any successor to its responsibilities).

23.4.5.7.9.5.2 Where the ISO reasonably believes that a request for a Competitive Entry Exemption was granted based on false, misleading, or inaccurate information, the ISO shall notify the Examined Facility (or if no longer an Examined Facility, the Interconnection Customer~~Developer~~/Owner of the Generator, UDR project or Additional CRIS MW) that its Competitive Entry Exemption may be revoked, and provided 30 days written notice has been given to the Examined Facility (such notice to the extent practicable,) the ISO may revoke the Competitive Entry Exemption. If the ISO revokes the Competitive Entry Exemption it shall determine whether the Generator, UDR project, or Additional CRIS MW is nevertheless exempt from an Offer Floor under Section 23.4.5.7.2(a) or (b) or 23.4.5.7.6(a) or 23.4.5.7.6(a), unless the failure that led to the revocation is also a failure under 23.4.5.7.3.4. If the Generator, UDR project, or Additional CRIS MW does not qualify for such an exemption it shall be subject to the lesser of the

Mitigation Net CONE Offer Floor or Unit Net CONE Offer Floor (such value calculated based on the date that the MW was first offered as UCAP, in accordance with Section 23.4.5.7.3.7, and adjusted annually in accordance with Section 23.4.5.7 of the Services Tariff.) Prior to the revocation of a Competitive Entry Exemption and the submission of a report to the Commission's Office of Enforcement (or any successor to its responsibilities,) the ISO shall provide the Examined Facility (or if no longer an Examined Facility, the Interconnection CustomerDeveloper/Owner of the Generator, UDR project or Additional CRIS MW) an opportunity to explain any statement, information, or action. The ISO cannot revoke the Competitive Entry Exemption until after the 30 days written notice period has expired, unless ordered to do so by the Commission.

#### **23.4.5.7.9.6 Competitive Entry Exemption Requests for Additional CRIS MW**

23.4.5.7.9.6.1 An Examined Facility shall be eligible to request a Competitive Entry Exemption for Additional CRIS MW if:

(a) the most recent prior final determination in a completed Class Year or Cluster Study concluded that the Capacity for which the Examined Facility accepted CRIS was exempt from an Offer Floor under Sections 23.4.5.7.2(b), 23.4.5.7.6(b), 23.4.5.7.7 (with respect to MW of CRIS that the Examined Facility had at that time unless the CRIS subsequently expired under Section 25.9.3.1 or 40.18.2.1 of the ISO OATT), 23.4.5.7.8, or 23.4.5.7.9 (except for an Examined Facility for which an exemption was revoked under Section 23.4.5.7.9.5.2); or (b) (i) it has accepted CRIS MW equal to, or greater than, 95 percent of the Examined Facility's maximum MW of electrical capability, net of auxiliary load, at an

ambient temperature of 93° F as determined in accordance with ISO Procedures;  
and (ii) the amount of Cleared UCAP is greater than or equal to the amount of UCAP calculated pursuant to Section 23.4.5.7.6.3; or  
(c) the Examined Facility's Total Evaluated CRIS MW includes exempted CRIS MW for which the Examined Facility did not receive a Unit Net CONE determination and thus did not provide data to the ISO because the determination for the exempt CRIS MW received was not based on Unit Net CONE and was made prior to November 27, 2010.

23.4.5.7.9.6.2 An Examined Facility that requests Additional CRIS MW and that requests a Competitive Entry Exemption in accordance with Sections 23.4.5.7.9.3.1 and 23.4.5.7.9.3.2 shall qualify for such exemption if the ISO makes the determination specified in Section 23.4.5.7.9.1.1, *i.e.*, that the Examined Facility does not have a direct or indirect "non-qualifying contractual relationship" as defined in Sections 23.4.5.7.9.1.2 and 23.4.5.7.9.1.3 with one or more Non-Qualifying Entry Sponsors as defined in Section 23..2.1 However, an Examined Facility would not be disqualified from obtaining a Competitive Entry Exemption for Additional CRIS MW if prior to the date on which the exemption request and Certification and Acknowledgment were due and were made in accordance with Sections 23.4.5.7.9.3.1 and 23.4.5.7.9.3.2 of this Services Tariff the Examined Facility had a non-qualifying contractual relationship under which (a) full performance has been completed by all parties, or (b) all obligations of each party to all other parties were terminated or expired,.

23.4.5.7.9.6.3 An Examined Facility that obtains a Competitive Entry Exemption for Additional CRIS MW must maintain compliance with the requirements of Section 23.4.5.7.9 until the later of: (i) the Examined Facility demonstrating, in accordance with ISO Procedures, that its generating capacity or total transfer capability has increased from the uprate associated with the Additional CRIS MW; and (ii) the date that the Class Year or Cluster Study decisional process of which the Examined Facility is a member has been completed (or in the case of an Examined Facility that is an Expected CRIS transferee, the date that the transfer is effective).

23.4.5.7.9.6.4 An Examined Facility that requests Additional CRIS MW and that requests a Competitive Entry Exemption shall also be subject to the requirements of Sections 23.4.5.7.9.2.2 through 23.4.5.7.9.5. The ISO shall likewise follow the requirements of Section 23.4.5.7.9.2 through 23.4.5.7.9.5 when making Competitive Entry Exemption determinations for Additional CRIS MW. In the event of a conflict between the application of Sections 23.4.5.7.9.6 and Sections 23.4.5.7.9.2 through 23.4.5.7.9.5 to a Competitive Entry Exemption request for Additional CRIS MW, the requirements of Section 23.4.5.7.9.6 will control.

23.4.5.7.9.6.5 An Examined Facility that requests Additional CRIS MW and that requests a Competitive Entry Exemption shall submit to the ISO in accordance with ISO Procedures, and shall be legally bound by, the following Certification and Acknowledgement executed by a duly authorized officer:

**ADDITIONAL CRIS MW CERTIFICATION AND ACKNOWLEDGMENT**

I [NAME & TITLE] hereby certify on behalf of myself, [NAME OF EXAMINED FACILITY ON THE ~~INTERCONNECTION~~ QUEUE], and [NAME OF DEVELOPER] that each of the following statements is true and correct:

1. I am an officer whose responsibilities include the development of the [ADDITIONAL CRIS MW APPLICABLE TO EXAMINED FACILITY], New York Independent System Operator, Inc.'s ("NYISO") ~~Interconnection~~ Queue ~~p~~Position Number [INSERT NUMBER – if applicable].
2. I am duly authorized to make representations concerning the Additional CRIS MW and the [~~INTERCONNECTION CUSTOMER DEVELOPER~~ and ~~INTERCONNECTION CUSTOMER DEVELOPER~~'s AFFILIATES], including each of the certifications and acknowledgements that I have made in this document.
3. I hereby [REQUEST ON BEHALF OF/ACKNOWLEDGE THE PRIOR SUBMISSION IN THIS CLASS YEAR/~~CLUSTER STUDY~~ BY] a Competitive Entry Exemption for the Additional CRIS MW.
4. I have reviewed and I understand the requirements established under the NYISO Market Administration and Control Area Services Tariff ("Services Tariff") related to a "Competitive Entry Exemption Request for Additional CRIS MW" pursuant to Section 23.4.5.7.9.6.
5. I have personal knowledge of the facts and circumstances supporting the request and eligibility for a Competitive Entry Exemption for the Additional CRIS MW as of the date of this Certification and Acknowledgment, including all data and

other information submitted by the [OWNER OF THE GENERATOR OR UDR FACILITY REQUESTING ADDITIONAL CRIS MW] to the NYISO.

6. To the best of my knowledge and having conducted due diligence that is current as of the date of this Certification there [ARE/ARE NOT ANY] direct or indirect contractual relationships with a “Non-Qualifying Entry Sponsor,” as those terms are defined in Section 23.4.5.7.9 of the Services Tariff. I have listed all contracts of the Project, Interconnection CustomerDeveloper and all of its Affiliates with Non-Qualifying Entry Sponsors on Schedule 1 to this Certification including those that have expired or been terminated, and those for which performance remains to be completed.
7. If the Answer to (6) is that there are one or more direct or indirect contractual relationships with a Non-Qualifying Entry Sponsor, then I certify that to the best of my knowledge and having conducted due diligence that they are “allowable contracts” as set forth in Section 23.4.5.7.9.1.3(i) – (ix) of the Services Tariff. For each such contractual relationship, I have identified on Schedule 1 to this Certification the subsection(s) of 23.4.5.7.9.1.3(i) – (ix) which causes the contractual relationship to be an “allowable contract.”
8. To the best of my knowledge and having conducted due diligence that is current as of the date of this Certification, (a) no unexecuted agreements, written or unwritten, with a Non-Qualifying Entry Sponsor exist that would support the development of the Additional CRIS MW, or the Interconnection CustomerDeveloper or its Affiliate, -that directly or indirectly could reasonably be expected to benefit the Examined Facility except those agreements that would not

constitute a non-qualifying contractual relationship, as set forth in Section 23.4.5.7.9.1.3(i) – (ix) of the Services Tariff, and (b) all such written agreements and a description of all such unwritten agreements is set forth on Schedule 2 to this certification, and (c) none of the foregoing would constitute a non-qualifying contractual relationship. For each such unexecuted agreement I have identified the specific tariff subsection(s) of (i) – (ix) which causes the contractual relationship to be an “allowable contract”.

9. To the best of my knowledge and having conducted due diligence, the [INTERCONNECTION CUSTOMER DEVELOPER] is not a Non-Qualifying Entry Sponsor, and it is not an “Affiliate” (as Affiliate is defined in Section 2.1 of the Services Tariff) of, a Non-Qualifying Entry Sponsor.
10. The [INTERCONNECTION CUSTOMER DEVELOPER] shall provide any information or cooperation requested by the NYISO in connection with the request for a Competitive Entry Exemption for the Additional CRIS MW.
11. All parents or Affiliates of the [OWNER OF THE GENERATOR OR UDR FACILITY REQUESTING ADDITIONAL CRIS MW] shall provide any information or cooperation requested by the ISO.

I hereby acknowledge on behalf of myself, [INSERT NAME OF THE GENERATOR OR UDR FACILITY REQUESTING ADDITIONAL CRIS MW ], and [OWNER OF THE GENERATOR OR UDR FACILITY REQUESTING ADDITIONAL CRIS MW] that:

- a. The submission of false, misleading, or inaccurate information, or the failure to submit information requested by the NYISO or to cooperate with a request related



to the request for a Competitive Entry Exemption, including but not limited to information contained or submitted in this Certification and Acknowledgement for the [OWNER OF THE GENERATOR OR UDR FACILITY REQUESTING ADDITIONAL CRIS MW] that requested Additional CRIS MW, shall constitute a violation of Section 4.1.7 of the Services Tariff, and subject to the Commission's review, a violation of the Commission's regulations and Section 316A of the Federal Power Act.

- b. If [OWNER OF THE GENERATOR OR UDR FACILITY REQUESTING ADDITIONAL CRIS MW] submits false, misleading, or inaccurate information, or fails to submit requested information to the NYISO or cooperate with a request, including but not limited to information contained or submitted in this Certification and Acknowledgement on behalf of the Additional CRIS MW, or to cooperate with a request it shall cease to be eligible for a Competitive Entry Exemption and, if a Competitive Entry Exemption has already been granted for the Additional CRIS MW, that exemption shall be subject to revocation by the NYISO or the Commission after which the Additional CRIS MW shall potentially be subject to an Offer Floor set at the Mitigation Net CONE Offer Floor as specified under Section 23.4.5.7.9.5 starting with the date of the revocation pursuant to Section 23.4.5.7.9.5.3 of the Services Tariff.
- c. If [OWNER OF THE GENERATOR OR UDR FACILITY REQUESTING ADDITIONAL CRIS MW] submits false, misleading, or inaccurate information, or fails to submit requested information to the NYISO, including but not limited to information contained or submitted in the Certification and Acknowledgement,

it may be subject to civil penalties that may be imposed by the Commission for violations of Section 4.1.7 of Services Tariff, the Commission's rules, and/or Section 316A of the Federal Power Act.

---

[PRINT NAME]

[DATE]

Subscribed and sworn to before me  
this [ ] day of [MONTH] [YEAR].

---

Notary Public

My commission expires: \_\_\_\_\_

**[NAME OF OWNER OF THE EXAMINED FACILITY REQUESTING**

**ADDITIONAL CRIS MW AND PROJECT NAME OF THE ADDITIONAL**

**CRIS MW EXAMINED FACILITY NAME]**

## **SCHEDULE 1 CERTIFICATION AND ACKNOWLEDGEMENT**

**[DATE]**

<b><u>Parties to agreement</u></b>	<b><u>Date Executed</u></b>	<b><u>Effective Date</u></b>	<b><u>Date Performance</u></b>
<b><u>Commences</u></b>			

23.4.5.7.9.6.6 An Examined Facility that requests that a contract be deemed to be a Competitive and Non-Discriminatory Hedging Contract must obtain the following certification and acknowledgment from the entity that awarded the contract and must ensure that that the certification and acknowledgement is submitted to the ISO in accordance with ISO Procedures. If the Examined Facility does not submit the required certification and acknowledgement the contract will not qualify as a Competitive and Non-Discriminatory Hedging Contract. If the entity that awarded the contract makes false, misleading, or inaccurate statements in the certification and acknowledgement that the Examined Facility knew, or reasonably should have known, were false, misleading, or inaccurate then the Examined Facility shall be deemed to have made a false and misleading statement to the ISO in violation of Section 4.1.7 of the Services Tariff, and subject to the Commission's review, a violation of the Commission's regulations and Section 316A of the Federal Power Act. Such violations may subject the Examined Facility to civil penalties under the Federal Power Act. In addition, if information

submitted by the Entity is false, misleading, or inaccurate or if either the Examined Facility or the entity that submits the information fails to submit required information, or to cooperate with a request for information from the ISO pertaining to the certification and acknowledgement, then the Examined Facility shall cease to be eligible for a Competitive Entry Exemption. If a Competitive Entry Exemption has already been granted that exemption shall be subject to revocation by the ISO or the Commission under Section 23.4.5.7.9.5.

**CERTIFICATION AND ACKNOWLEDGMENT FOR COMPETITIVE AND NON-DISCRIMINATORY HEDGING CONTRACTS**

I [NAME & TITLE] hereby certify on behalf of myself and [NAME OF ENTITY THAT PROCURED HEDGING CONTRACT] that each of the following statements is true and correct:

1. I am an officer whose responsibilities include the solicitation and procurement of the contract (or contracts) that is (or are) the subject of this statement.
2. I am duly authorized to make representations concerning [ENTITY's] solicitation and procurement of the relevant contract(s).
3. I have reviewed and I understand the requirements established under the NYISO Market Administration and Control Area Services Tariff ("Services Tariff") related to a "Competitive Entry Exemption" pursuant to Section 23.4.5.7.9 of the Services Tariff [or, if applicable, "Competitive Entry Exemption Request for Additional CRIS MW" pursuant to Section 23.4.5.7.9.6.], including the requirements under Section 23.2 that must be met before a contract may be deemed to be a "Competitive and Non-Discriminatory Hedging Contract."

4. I have personal knowledge of the facts and circumstances regarding the solicitation and procurement of the contract[s] that [NAME OF EXAMINED FACILITY AND INTERCONNECTION CUSTOMER DEVELOPER] is [are] requesting be treated as [a] Competitive and Non-Discriminatory Hedging Contract[s] as of the date of this Certification and Acknowledgment. These contracts are identified in Schedule I to this Certification and Acknowledgment.
5. To the best of my knowledge and having conducted due diligence that is current as of the date of this Certification and Acknowledgment, each contract identified in Schedule I was executed through a solicitation and procurement process that met all of the following requirements (which are the requirements specified in Section 23.2 of the Services Tariff): (A) both new and existing resources could satisfy the requirements of the procurement; (B) the requirements of the procurement were fully objective and transparent; (C) the contract was (or will be) awarded based on the lowest cost offers of qualified bidders; (D) the procurement terms did not restrict the type of capacity resources that may participate in, and satisfy the requirements of, the procurement; (E) the procurement terms did not include selection criteria that could otherwise give preference to new resources; and (F) the procurement terms did not use indirect means to discriminate against existing resources, including, but not limited to, by imposing geographic constraints, unit fuel requirements, maximum unit heat-rate requirements or requirements for new construction
6. [ENTITY] shall provide any information or cooperation requested by the NYISO in connection with its determination of whether the contracts I have identified in

Schedule I shall be deemed to be Competitive and Non-Discriminatory Hedging Contracts.

I hereby acknowledge on behalf of myself and [ENTITY] that:

- a. The submission of false, misleading, or inaccurate information, or the failure to submit information requested by the NYISO, including but not limited to information contained or submitted in this Certification and Acknowledgement or to cooperate with a request from the NYISO related to this Certification and Acknowledgment, shall constitute a violation of Section 4.1.7 of the Services Tariff, and subject to the Commission's review, a violation of the Commission's regulations and Section 316A of the Federal Power Act. These violations may subject [ENTITY] to civil penalties under the Federal Power Act.
- b. If information contained or submitted in this Certification and Acknowledgment is false, misleading, or inaccurate, or the [PROJECT OR EXAMINED FACILITY REQUESTING ADDITIONAL CRIS MW OWNER] fails to submit requested information to the NYISO or cooperate with a request, pertaining to information contained or submitted in this Certification and Acknowledgement, then the [PROJECT OR EXAMINED FACILITY REQUESTING ADDITIONAL CRIS MW OWNER] shall cease to be eligible for a Competitive Entry Exemption. If a Competitive Entry Exemption has already been granted that exemption shall be subject to revocation by the NYISO or the Commission after which the Examined Facility [if applicable -- Additional CRIS MW] shall potentially be subject to an Offer Floor set at the Mitigation Net

CONE Offer Floor as specified under Section 23.4.5.7.9.5 starting with the date  
of the revocation pursuant to Section 23.4.5.7.9.5.3 of the Services Tariff.

---

[PRINT NAME]

[DATE]

Subscribed and sworn to before me  
this [ ] day of [MONTH] [YEAR].

---

Notary Public

My commission expires: \_\_\_\_\_

**[NAME OF OWNER OF THE EXAMINED FACILITY REQUESTING  
COMPETITIVE AND NON-DISCRIMINATORY HEDGING CONTRACT  
STATUS [NAME]**

**SCHEDULE 1 CERTIFICATION AND ACKNOWLEDGEMENT**

[DATE]

<u>Parties to agreement</u>	<u>Date Executed</u>	<u>Effective Date</u>	<u>Date Performance</u>
<u>Commences</u>			



#### 23.4.5.7.14 Self Supply Exemption

##### 23.4.5.7.14.1 Eligibility

23.4.5.7.14.1.1 In order to be evaluated for a Self Supply Exemption the Examined

Facility must be a member of a Class Year Study, Cluster Study, or Additional SDU Study, cannot participate in an Expedited Deliverability Study, and each of the following requirements must be satisfied, by the deadline, in the required form, and with the required information in accordance with ISO Procedures. If one or more of the requirements is not satisfied, the ISO shall not evaluate the request for a Self Supply Exemption.

- (a) ~~An Interconnection Customer-Developer~~ or Owner of an Examined Facility, NCZ Examined Project, or Additional CRIS MW, (for purposes of this Section 23.4.5.7.14 an “SSE Applicant”) may request to be evaluated for a Self Supply Exemption for a specified quantity of MW up to the amount of the CRIS MW requested in the Class Year or Cluster Study or, of which it is the expected recipient of transferred CRIS rights at the same location, in accordance with ISO Procedures. The ISO will evaluate the request if the SSE Applicant is a member of a Class Year or Cluster Study after Class Year 2019 and its request is received no later than the deadline by which a facility must notify the ISO of its election to enter the Class Year or Cluster Study, such date as set forth in Section 25.5.9 OATT Attachment S or Section 40.5.1 of OATT Attachment HH, as applicable, or (iii) an expected recipient of transferred CRIS rights at the same location and the ISO has been notified, by the transferor or the transferee, of a transfer pursuant to ~~OATT Attachment S~~ Section 25.9.4 of Attachment S or Section 40.18.3 of Attachment HH to the OATT that will be effective on a date within the Mitigation Study Period for

the Class Year or Cluster Study, provided that the request is received no later than the ~~Class Year~~Cluster Study Start Date ~~for such Class Year~~. An Examined Facility or an NCZ Examined Project that is a member of a Class Year or Cluster Study may not request a Self Supply Exemption in the same Class Year or Cluster Study that it requests a Competitive Entry Exemption, and an Examined Facility or an NCZ Examined Project that is the expected transferee of CRIS being considered with a Class Year or Cluster Study may not request a Self Supply Exemption in respect of the same Class Year or Cluster Study that it requests a Competitive Entry Exemption

A proposed new Generator or UDR project that remained a member of Class Year 2012 or a prior Class Year at the time of the completion of such Class Year, shall not be eligible to request or receive a Self Supply Exemption except in relation to a request for Additional CRIS MW.

- (b) If the SSE Applicant is not the wholly owned property of the Self Supply LSE(s), or the wholly owned property of an entity that is wholly owned by the Self Supply LSE(s) or that wholly owns the Self Supply LSE(s), it must have a Long Term Contract (in accordance with Subsection (1) of this Section 23.4.5.7.14.1.1(b)(1) with the Self Supply LSE(s) that shall obligate the SSE Applicant to provide the capacity forming the basis for its eligibility for a Self Supply Exemption. Such an SSE Applicant must make its Self Supply Exemption request jointly, in a single request, with the Self Supply LSE(s) with which it has a Long Term Contract. If the proposed SSE Applicant is the wholly owned property of the Self Supply LSE(s), or the wholly owned property of an entity that is wholly owned by the Self Supply LSE(s) or that wholly owns the Self Supply LSE(s), then the SSE Applicant must provide documentation at the time it requests the exemption

that demonstrates to the reasonable satisfaction of the ISO that it has a statutory, regulatory, or organizational obligation to provide Energy and Capacity to meet the Self Supply LSE's (or Self Supply LSEs') ICAP Obligation(s).

- (1) Long Term Contract: For the purposes of a Self Supply Exemption, a "Long Term Contract" shall mean (i) a fully executed contract between the SSE Applicant that is a proposed new or existing Generator and a Self Supply LSE that is joining it in requesting the exemption, pursuant to which the SSE Applicant is currently obligated to provide to the Self Supply LSE (or LSEs if more than one Self Supply LSE,) for a minimum of 10 years at the time it requests the Self Supply Exemption, Installed Capacity in an amount greater than or equal to the CRIS MW for which the Self Supply Exemption is requested; or (ii) a fully executed contract between a Self Supply Applicant that is a proposed new or existing UDR project and a Self Supply LSE (or LSEs if more than one Self Supply LSE,) that is joining it in requesting the exemption, pursuant to which the Self Supply LSE(s) will have all rights to the UDRs and the use of the facility, for a minimum of 10 years, in the amount greater than or equal to the CRIS MW for which the Self Supply Exemption is requested.
- (c) The Self Supply Applicant's request for a Self Supply Exemption must specify the total quantity of CRIS MW for which it is requesting a Self Supply Exemption, and such quantity shall not exceed the MW of CRIS requested by it in the Class Year or Cluster Study, or the quantity of the transferred CRIS rights at the same location it expects to receive. If there is more than one Self Supply LSE associated with the request for a Self Supply Exemption received from an SSE Applicant then: (i) the request shall identify the quantity of MW associated with each Self Supply LSE, and (ii) the total quantity of MW

associated with the Self Supply LSEs shall not exceed the total MW for which the SSE Applicant requests a Self Supply Exemption.

- (d) All Certification and Acknowledgement(s) required by Section 23.4.5.7.14.2 must be received at the same time as the request for a Self Supply Exemption, in accordance with ISO Procedures, along with other data and information requested by the ISO.

23.4.5.7.14.1.2        The lesser of (i) the quantity of CRIS MW for which the Self Supply Exemption was requested and (ii) the quantity determined in accordance with Section 23.4.5.7.14.3 shall be exempt from an Offer Floor if the SSE Applicant is a member of the Class Year or Cluster Study at the time of its completion and the ISO determines that the request satisfies all of the following requirements:

- (a) The proposed Generator or UDR project terminus will be, or the existing Generator or UDR project terminus is, electrically located in the same Mitigated Capacity Zone in which the Self-Supply LSE has Projected ICAP Requirements (as such term is defined in Section 23.4.5.7.14.3),
- (b) The SSE Applicant and the Developer are not and will not be owned, in whole or in part, by an LSE or an Affiliate of an LSE unless such entity is a Self Supply LSE.
- (c) The SSE Applicant provides the completed Certification and Acknowledgement form set forth in Section 23.4.5.7.14.2.1 or 23.4.5.7.14.2.3, as applicable to it and its request for a Self Supply Exemption, and satisfies each requirement stated therein. If the SSE Applicant is not the wholly owned property of the Self Supply LSE(s), or the wholly owned property of an entity that is either wholly owned by the Self Supply LSE(s), or that wholly owns the Self Supply LSE(s), then both the SSE Applicant and the Self Supply LSE(s) provide the applicable completed Certification and Acknowledgement

form set forth in Section 23.4.5.7.14.2 and satisfy each requirement stated therein. The ISO must receive the required completed Certification and Acknowledgement forms, in accordance with ISO Procedures, no later than the deadline by which the SSE Applicant must notify the ISO of its election to enter the Class Year Study or Cluster Study, such date as set forth in Section 25.5.9 of OATT Attachment S or Section 40.5.1 of OATT Attachment HH, or if the Self Supply LSE is an expected recipient of transferred CRIS rights at the same location that will be effective on a date within the Mitigation Study Period for the Class Year or Cluster Study, no later than the ~~Class Year~~Cluster Study Start Date ~~of such Class Year Study~~. All other information requested by the ISO must also be timely received.

- (d) The ISO determines that the Self Supply LSE satisfies both the Net Short Threshold set forth in Section 23.4.5.7.14.3.1 and the Net Long Threshold set forth in Section 23.4.5.7.14.3.2 for a specified quantity of CRIS MW.
- (e) The SSE Applicant certifies that it does not have any contract, agreement, arrangement, or relationship (for purposes of this Section 23.4.5.7.14.1.2(e), and the Certification and Acknowledgment in Section 23.4.5.7.14.2, a “contract”) for any material (in whole or in aggregate) payments, concessions, rebates, or subsidies, connected to or contingent on the SSE Applicant’s: (i) construction or operation, except as expressly permitted in Subsection (A) or (B) of this Section, or (ii) clearing in the ISO’s Installed Capacity market except as expressly permitted in Subsection (B).
  - (A) An SSE Applicant will not be ineligible for a Self Supply Exemption if it has an executed contract, is associated with a contract, or there is a contract associated with it, that is listed in (I) through (VIII) of this Section that provides for a material payment,

concession, rebate or subsidy, and either (i) is not irregular or anomalous, and only reflects arms-length transactions, or (ii) is consistent with the overall objectives of the Self Supply Exemption.

**Listed contracts:**

- (I) an Interconnection Agreement;
- (II) an agreement for the construction or use of interconnection facilities or transmission or distribution facilities, or directly connected joint use transmission or distribution facilities (including contracts required for compliance with Articles VII or 10 of the New York State Public Service Law or orders issued pursuant to Articles VII or 10);
- (III) a grant of permission by any department, agency, instrumentality, or political subdivision of New York State to bury, lay, erect or construct wires, cables or other conductors, with the necessary poles, pipes or other fixtures in, on, over or under public property;
- (IV) a contract for the sale or lease of real property at or above fair market value as of the date of the agreement was executed, such value demonstrated by an independent appraisal at the time of execution prepared by an accountant or appraiser with specific experience in such valuations;
- (V) an easement or license to use real property;
- (VI) a contract, with any department, agency, instrumentality, or political subdivision of New York State providing for a payment-in-lieu of taxes (i.e., a “PILOT” agreement) or industrial or commercial siting incentives, such as tax abatements or financing incentives, provided the PILOT agreement or incentives are generally available to industrial or commercial entities;

(VII) a service agreement for natural gas entered into under a tariff accepted by a regulatory body with jurisdiction over that service; or

(VIII) a service agreement entered into under a tariff accepted by a regulatory body with jurisdiction over that service at a regulated rate for electric Station Power, or steam service, excluding an agreement for a rate that is a negotiated rate pursuant to any such regulated electric, or steam tariff.

(B) An SSE Applicant that requests a Self Supply Exemption with only one Self Supply LSE will not be ineligible for a Self Supply Exemption if the contract(s) that otherwise would render it ineligible under any clause of Section 23.4.5.7.14.2 is (or are) with its Self Supply LSE.

(C) Contract Review Opportunity

(i) (1) A proposed new Generator or UDR project or an existing Generator or UDR project for Additional CRIS that is reasonably expected to be eligible to enter the immediately following Class Year or Cluster Study or be the recipient of transferred CRIS rights at the same location on a date within the Mitigation Study Period of such Class Year or Cluster Study, and that in connection with its own Load or for the Load of one or more Self Supply LSE(s) is planning on requesting a Self Supply Exemption; (2) an SSE Applicant that is in a Class Year or Cluster Study that is not completed ~~(in accordance with Section 25.5.9 of the OATT)~~; or (3) an SSE Applicant that received a Self Supply Exemption, may request that the ISO inform it whether, in the ISO's view, any specific executed contract, unexecuted but substantially developed contract, or any pending request that if approved, granted, or otherwise conferred, would constitute a contract pursuant to

Subsection 23.4.5.7.14.1.2 (e)(i) and (e)(ii) would make it ineligible to obtain or (if previously granted) retain a Self Supply Exemption. Any such request must satisfy all of the following requirements:

- (a) The SSE Applicant (unless it is for its own Load) must make any such request jointly with any Self Supply LSE(s) with which it has executed or has an unexecuted but substantially developed Long Term Contract. Any such Self Supply LSE(s) must make any such request jointly with the SSE Applicant, or proposed new or existing Generator or UDR project, with which it would seek, or has sought, a Self Supply Exemption.
- (b) As part of the submission of the request for a determination pursuant to Subsection (a) of this Section, the SSE Applicant, or proposed new or existing Generator or UDR project, and any relevant Self Supply LSE(s) as applicable, must provide the ISO with all information regarding the contract or pending request regarding which it is requesting the ISO's view, and if the request is made jointly with a Self Supply LSE, the executed or unexecuted and substantially developed Long Term Contract that would form the basis of a Self Supply Exemption Request, including copies of original documentation. In addition and at the time of the submission of the request, the SSE Applicant, or proposed new or existing Generator or UDR project, and any relevant Self Supply LSE shall also provide any other information identified by the ISO in accordance with ISO Procedures. They also must timely provide any further information that is requested by the ISO.



- (c) Such requests can only be submitted to the ISO on or after the date established by the ISO in accordance with ISO Procedures, such date to be at least 60 days prior to the date that the ISO anticipates will be the deadline by which facilities must notify the ISO of their election to enter a Class Year or Cluster Study ~~(such Class Year deadline pursuant to as set forth in~~ Section 25.5.9 of OATT Attachment S or Section 40.5.1 of OATT Attachment HH, as applicable.)
- (ii) Provided that the ISO has timely received all of the information it needs to make a determination, the ISO shall state its view in response to such requests within 60 days.
- (iii) When evaluating any such request, the ISO shall consult with the Market Monitoring Unit. (The responsibilities of the Market Monitoring Unit that are addressed in this section of the Mitigation Measures are also addressed in Section 30.4.6.2.13 of Attachment O to this Services Tariff.)

#### **23.4.5.7.14.2 Certifications and Acknowledgements**

23.4.5.7.14.2.1 An SSE Applicant that is not the wholly owned property of the Self Supply LSE(s), or the wholly owned property of an entity that is either wholly owned by the Self Supply LSE(s), or that wholly owns the Self Supply LSE(s), and that is requesting a Self Supply Exemption shall submit the following completed Certification and Acknowledgment form. The submission must be received by the ISO by the deadline pursuant to Section 23.4.5.7.14.1.2(c), and thereafter upon the request of the ISO, in accordance with ISO Procedures. The Self Supply Applicant shall be legally bound by the Certification and Acknowledgement form which must be executed by a duly authorized officer:

## CERTIFICATION AND ACKNOWLEDGMENT

I [NAME & TITLE] hereby certify on behalf of myself, [NAME OF PROJECT], and [NAME OF ~~INTERCONNECTION CUSTOMER DEVELOPER~~] that each of the following statements is true and correct:

1. I am an officer whose responsibilities include the development of the [EXAMINED FACILITY, NCZ EXAMINED PROJECT or ADDITIONAL CRIS MW], New York Independent System Operator, Inc.'s ("NYISO") ~~Interconnection Queue~~ ~~Position~~ Number [INSERT NUMBER] (the "Project").
2. I am duly authorized to make representations concerning the Project, including each of the certifications and acknowledgements that I have made in this document.
3. I hereby [REQUEST ON BEHALF OF] the ~~Interconnection Customer Developer~~, a Self Supply Exemption for [MW REQUESTED FOR THE SELF SUPPLY EXEMPTION] for the Project in connection with [LOAD SERVING ENTITY THAT IS THE SELF SUPPLY LSE].
4. I have reviewed and I understand the requirements established under the NYISO Market Administration and Control Area Services Tariff ("Services Tariff") related to a "Self Supply Exemption" pursuant to Section 23.4.5.7.14.
5. I have personal knowledge of the facts and circumstances supporting the Project's request and eligibility for a Self Supply Exemption as of the date of this Certification and Acknowledgment, including all data and other information submitted by the Project to the NYISO.
6. [NAME OF ~~INTERCONNECTION CUSTOMER DEVELOPER~~] is not owned in whole or in part by, and is not an Affiliate (as Affiliate is defined in Section 2.1 of the Services Tariff) of, a Load Serving Entity [OTHER THAN THE LOAD SERVING ENTITY THAT IS THE SELF SUPPLY LSE].
7. [NAME OF PROJECT] has a Long Term Contract (as such term is defined in Services Tariff Section 23.4.5.7.14.1.1 (b)(1)) with the Self Supply LSE[s], that is [are] the subject of the request for a Self Supply Exemption.
8. To the best of my knowledge and having conducted due diligence that is current as of the date of this Certification there is no contract, arrangement, arrangement, or relationship (for purposes of Section 23.4.5.7.14. 2(e) of the Services Tariff, and this Certification and Acknowledgment, a "contract") for any material (in whole or in aggregate) payments, concessions, rebates or subsidies connected to or contingent on the [PROJECT's]: (i) construction or operation, except as expressly permitted in Subsection (A) or (B) of Section 23.4.5.7.14.1. 2(e) of the Services Tariff, or (ii) clearing in the NYISO's Installed Capacity market except as expressly permitted in Subsection (B) of Section 23.4.5.7.14. 1.2(e).

9. I have listed in Schedule 1 to this Certification all contracts that involve payments, concessions, rebates, or subsidies connected to or contingent upon the [PROJECT'S] construction or operation that are not material or that are otherwise expressly permissible under Subsection (A) or (B) of Section 23.4.5.7.14.1.2(e).
10. The Project shall provide any information or cooperation requested by the NYISO in connection with the Project's request for a Self Supply Exemption.

I hereby acknowledge on behalf of myself, [INSERT NAME OF PROJECT], and [NAME OF INTERCONNECTION CUSTOMER/DEVELOPER] that:

- a. The submission of false, misleading, or inaccurate information, or the failure to submit information requested by the NYISO related to the Project's request for a Self Supply Exemption, including but not limited to information contained or submitted in this Certification and Acknowledgement on behalf of the Project, shall constitute a violation of Section 4.1.7 of the Services Tariff, and subject to the Commission's review, a violation of the Commission's regulations and Section 316A of the Federal Power Act.
- b. If the Project submits false, misleading, or inaccurate information, or fails to submit requested information to the NYISO, including but not limited to information contained or submitted in this Certification and Acknowledgement on behalf of the Project, it shall cease to be eligible for a Self Supply Exemption and, if the Project has already received a Self Supply Exemption, that exemption shall be subject to revocation by the NYISO or the Commission after which the Project shall be subject to an Offer Floor set at the Mitigation Net CONE Offer Floor (such value calculated based on the date it first Offers UCAP, in accordance with Section 23.4.5.7.3.7, and adjusted annually in accordance with Section 23.4.5.7 of the Services Tariff,) starting with the next following deadline for Unforced Capacity certification prior to an ICAP Spot Market Auction subsequent to the date of revocation (such date in accordance with ISO Procedures) pursuant to Section 23.4.5.7.9.5 of the Services Tariff.
- c. If the Project submits false, misleading, or inaccurate information, or fails to submit requested information to the NYISO, including but not limited to information contained or submitted in the Certification and Acknowledgement on behalf of the Project, it may be subject to civil penalties that may be imposed by the Commission for violations of Section 4.1.7 of Services Tariff, the Commission's rules, and/or Section 316A of the Federal Power Act.

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[PRINT NAME]  
[DATE]

Subscribed and sworn to before me

this [ ] day of [MONTH] [YEAR].

\_\_\_\_\_  
Notary Public

My commission expires:\_\_\_\_\_

23.4.5.7.14.2.2        A Self Supply LSE that has a Long Term Contract (as such term is defined in Section 23.4.5.14.1(b)(1)) with an SSE Applicant shall submit to the ISO the following completed Certification and Acknowledgement Form as part of the SSE Applicant's request for a Self Supply Exemption and thereafter upon the request of the ISO, in accordance with ISO Procedures. The Self Supply LSE shall be legally bound by the completed Certification and Acknowledgement form which must be executed by a duly authorized officer:

#### **CERTIFICATION AND ACKNOWLEDGMENT**

I [NAME & TITLE] hereby certify on behalf of myself and [NAME OF SELF SUPPLY LSE] (the "LSE") that each of the following statements is true and correct:

1. I am an officer whose responsibilities include overseeing the capacity supply portfolio and obligations, and addressing Load requirements of the [LSE], and LSE's Long Term Contract (as such term is defined in Services Tariff Section 23.4.5.7.14.1.1 (b)(1))with [EXAMINED FACILITY, NCZ EXAMINED PROJECT, or ADDITIONAL CRIS MW], New York Independent System Operator, Inc.'s ("NYISO") ~~Interconnection Queue~~ ~~Position~~ ~~Number~~ [INSERT NUMBER] (the "Project").
2. I am duly authorized to make representations concerning the capacity supply portfolio, and obligations, Load requirements of [the LSE], and LSE's Long Term Contract with the Project (the "Subject Long Term Contract"), including each of the certifications and acknowledgements that I have made in this document.
3. I hereby [REQUEST ON BEHALF OF] the LSE, a Self Supply Exemption for [MW REQUESTED FOR THE SELF SUPPLY EXEMPTION] for the Project associated with the Subject Long Term Contract.
4. I have reviewed and I understand the requirements established under the NYISO Market Administration and Control Area Services Tariff ("Services Tariff") related to a "Self Supply Exemption" pursuant to Section 23.4.5.7.14.

5. I have personal knowledge of the facts and circumstances supporting the Subject Long Term Contract and LSE's Load Obligations and supply obligations related to the Project's request and eligibility for a Self Supply Exemption as of the date of this Certification and Acknowledgment, including all data and other information submitted by LSE to the NYISO.
6. The LSE is a Self Supply LSE [INSERT SUBSECTION OF DEFINITION BY WHICH THE LSE MEETS THE REQUIREMENTS OF THAT TERM] of that term.
7. [NAME OF ~~INTERCONNECTION CUSTOMER~~DEVELOPER] [is // is not] owned in part by, and [is // is not] an Affiliate (as Affiliate is defined in Section 2.1 of the Services Tariff) of, LSE. Appendix A to this Certification and Acknowledgment fully and completely sets forth and describes the organizational relationship between or among LSE, ~~Interconnection Customer~~Developer and the Project, or any Affiliate of the foregoing entities in relation to the project; and any ownership or investment interest of LSE, ~~Interconnection Customer~~Developer, and the Project, in either of the other entities, or any of the Affiliates thereof in relation to the Project.
8. [NAME OF PROJECT] and LSE are parties to the Subject Long Term Contract.
9. To the best of my knowledge and having conducted due diligence that is current as of the date of this Certification there are no arrangements for any payments or subsidies, that are directly or indirectly tied to the Unforced Capacity from the Project clearing in the NYISO's Installed Capacity market other than those between the [NAME OF DEVELOPER],[PROJECT] and [SELF SUPPLY LSE] that is provided to the ISO with this Certification and Acknowledgment [and other than agreements between [NAME OF ~~INTERCONNECTION CUSTOMER~~DEVELOPER], [PROJECT] and [NAME OF OTHER SELF SUPPLY LSE(S) ASSOCIATED WITH THE SELF SUPPLY APPLICANT'S REQUEST FOR A SELF SUPPLY EXEMPTION]].
10. I have listed in Schedule 1 to this Certification all contracts that involve payments, concessions, rebates, or subsidies connected to or contingent upon the [PROJECT'S] construction or operation that are not material or that are otherwise expressly permissible under Subsection (A) or (B) of Section 23.4.5.7.14.1.2(e).
11. LSE shall provide any information or cooperation requested by the NYISO in connection with the LSE and the Project's request for a Self Supply Exemption.

I hereby acknowledge on behalf of myself and LSE that:

- a. The submission of false, misleading, or inaccurate information, or the failure to submit information requested by the NYISO related to the LSE's and the Project's request for a Self Supply Exemption, including but not limited to information contained or submitted in this Certification and Acknowledgment on behalf of the Project, shall constitute a violation of Section 4.1.7 of the Services Tariff, and subject to the Commission's review, a violation of the Commission's regulations and Section 316A of the Federal Power Act.

- b. If the LSE or the Project submits false, misleading, or inaccurate information, or fails to submit requested information to the NYISO, including but not limited to information contained or submitted in this Certification and Acknowledgement on behalf of the LSE, the Project shall cease to be eligible for a Self Supply Exemption in respect of Subject Long Term Contract and, if the Project has already received a Self Supply Exemption, that exemption shall be subject to revocation by the NYISO or the Commission after which the Project shall be subject to an Offer Floor set at the Mitigation Net CONE Offer Floor (such value calculated based on the date it first Offers UCAP, in accordance with Section 23.4.5.7.3.7, and adjusted annually in accordance with Section 23.4.5.7 of the Services Tariff,) starting with the next following deadline for Unforced Capacity certification prior to an ICAP Spot Market Auction subsequent to the date of revocation (such date in accordance with ISO Procedures) pursuant to Section 23.4.5.7.9.5 of the Services Tariff.
- c. If the LSE submits false, misleading, or inaccurate information, or fails to submit requested information to the NYISO, including but not limited to information contained or submitted in the Certification and Acknowledgement on behalf of the Project, it may be subject to civil penalties that may be imposed by the Commission for violations of Section 4.1.7 of Services Tariff, the Commission's rules, and/or Section 316A of the Federal Power Act.

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[PRINT NAME]  
[DATE]

Subscribed and sworn to before me  
this [ ] day of [MONTH] [YEAR].

---

Notary Public

My commission expires:\_\_\_\_\_

23.4.5.7.14.2.3            An SSE Applicant that is the wholly owned property of the Self  
Supply LSE, or the wholly owned property of an entity that is either wholly  
owned by the Self Supply LSE, or that wholly owns the Self Supply LSE, and that

is requesting a Self Supply Exemption shall submit the following completed Certification and Acknowledgment Form. The submission must be received by the ISO by the deadline pursuant to Section 23.4.5.7.14.1.2(c), and thereafter upon the request of the ISO, in accordance with ISO Procedures. The Self Supply Applicant shall be legally bound by the following Certification and Acknowledgement form which must be executed by a duly authorized officer:

### **CERTIFICATION AND ACKNOWLEDGMENT**

I [NAME & TITLE] hereby certify on behalf of myself, [NAME OF PROJECT], and [NAME OF ~~INTERCONNECTION CUSTOMER DEVELOPER~~/LSE] that each of the following statements is true and correct:

1. I am an officer whose responsibilities include; (i) the development of the [EXAMINED FACILITY, NCZ EXAMINED PROJECT, or ADDITIONAL CRIS MW], New York Independent System Operator, Inc.'s ("NYISO") ~~Interconnection Queue~~ ~~Position~~ Number [INSERT NUMBER] (the "Project"); and (ii) overseeing the capacity supply portfolio and obligations, and addressing Load Obligations of the Self Supply LSE and its obligations to serve retail customers.
2. I am duly authorized to make representations concerning the Project and the capacity supply portfolio, and obligations, Load requirements of [the ~~INTERCONNECTION CUSOTMER DEVELOPER~~/LSE], including, if applicable the Long Term Contract between the Project and any entity performing the Self Supply LSE function (the "Subject Long Term Contract"), and also including each of the certifications and acknowledgements that I have made in this document.
3. I hereby [REQUEST ON BEHALF OF] the [~~INTERCONNECTION CUSTOMER DEVELOPER~~/LSE], a Self Supply Exemption for [MW REQUESTED FOR THE SELF SUPPLY EXEMPTION] for the Project associated with [~~INTERCONNECTION CUSTOMER DEVELOPER~~/LSE'S] self supply arrangements, including, if applicable, any Subject Long Term Contract.
4. I have reviewed and I understand the requirements established under the NYISO Market Administration and Control Area Services Tariff ("Services Tariff") related to a "Self Supply Exemption" pursuant to Section 23.4.5.7.14.
5. I have personal knowledge of the facts and circumstances supporting: (i) the Project's request and eligibility for a Self Supply Exemption; and (ii) the Load Obligations and supply obligations related to the Project's request and eligibility for a Self Supply Exemption, as of the date of this Certification and Acknowledgment, including all data



and other information submitted by the Project and by [INTERCONNECTION CUSTOMER~~DEVELOPER~~/LSE] to the NYISO.

6. The LSE is a Self Supply LSE pursuant to Section [INSERT SUBSECTION OF DEFINITION BY WHICH THE LSE MEETS THE REQUIREMENTS OF THAT TERM] of that term.
7. [NAME OF INTERCONNECTION CUSTOMER~~DEVELOPER~~/LSE] is not owned in whole or in part by, and is not an Affiliate (as Affiliate is defined in Section 2.1 of the Services Tariff) of, any other Load Serving Entity. Appendix A to this Certification and Acknowledgement fully and completely sets forth and describes the organizational relationship between [INTERCONNECTION CUSTOMER~~DEVELOPER~~/LSE's] Self Supply LSE and Interconnection Customer~~Developer~~ functions or affiliates and the Project.
8. To the best of my knowledge and having conducted due diligence that is current as of the date of this Certification there is not any contract, agreement, arrangement, or relationship (for purposes of Section 23.4.5.7.14.1.-2(e), and this Certification and Acknowledgment, a "contract") for any material (in whole or in aggregate) payments, concessions, rebates, or subsidies, connected to or contingent on the [PROJECT's]: (i) construction or operation, except as expressly permitted in Subsection (A) or (B) of Section 23.4.5.7.14.1.2(e) of the Services Tariff, or (ii) clearing in the NYISO's ICAP market except as expressly permitted in Subsection (B) of Section 23.4.5.7.14.1.2(e).
9. I have listed in Schedule 1 to this Certification all contracts that involve payments, concessions, rebates, or subsidies connected to or contingent upon the [PROJECT'S] construction or operation that are not material or that are otherwise expressly permissible under Subsection (A) or (B) of Section 23.4.5.7.14.1.2(e).
10. The Project and [INTERCONNECTION CUSTOMER~~DEVELOPER~~/LSE] shall provide any information or cooperation requested by the NYISO in connection with the Project's request for a Self Supply Exemption.

I hereby acknowledge on behalf of myself, [INSERT NAME OF PROJECT], and [NAME OF INTERCONNECTION CUSTOMER~~DEVELOPER~~/LSE] that:

- a. The submission of false, misleading, or inaccurate information, or the failure to submit information requested by the NYISO related to the Project's and [INTERCONNECTION CUSTOMER~~DEVELOPER~~/LSE's] request for a Self Supply Exemption, including but not limited to information contained or submitted in this Certification and Acknowledgement on behalf of the Project, shall constitute a violation of Section 4.1.7 of the Services Tariff, and subject to the Commission's review, a violation of the Commission's regulations and Section 316A of the Federal Power Act.
- b. If the INTERCONNECTION CUSTOMER~~DEVELOPER~~/LSE or the Project submits false, misleading, or inaccurate information, or fails to submit requested information to the NYISO, including but not limited to information contained or submitted in this Certification and Acknowledgement on behalf of the Project, it shall cease to be eligible



for a Self Supply Exemption and, if the Project has already received a Self Supply Exemption, that exemption shall be subject to revocation by the NYISO or the Commission after which the Project shall be subject to an Offer Floor set at the Mitigation Net CONE Offer Floor (such value calculated based on the date it first Offers UCAP, in accordance with Section 23.4.5.7.3.7, and adjusted annually in accordance with Section 23.4.5.7 of the Services Tariff,) starting with the next following deadline for Unforced Capacity certification prior to an ICAP Spot Market Auction subsequent to the date of revocation (such date in accordance with ISO Procedures) pursuant to Section 23.4.5.7.9.5 of the Services Tariff.

- c. If the ~~INTERCONNECTION CUSTOMER DEVELOPER~~/LSE or the Project submits false, misleading, or inaccurate information, or fails to submit requested information to the NYISO, including but not limited to information contained or submitted in the Certification and Acknowledgement on behalf of the Project, it may be subject to civil penalties that may be imposed by the Commission for violations of Section 4.1.7 of Services Tariff, the Commission's rules, and/or Section 316A of the Federal Power Act.

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[PRINT NAME]  
[DATE]

Subscribed and sworn to before me  
this [ ] day of [MONTH] [YEAR].

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Notary Public

My commission expires:

#### **23.4.5.7.14.3 Net Short Threshold and Net Long Threshold**

For the purposes of Section 23.4.5.7.14.3, "SSE Evaluated ICAP" shall mean the quantity of MW of CRIS for which a Self Supply Exemption is requested by an individual Self Supply LSE (or by an SSE Applicant in respect of its own Load) in accordance with Section

23.4.5.7.14.1.1(c), unless reduced as follows: If (i) following a notice that an ~~a~~Additional SDU System Deliverability Upgrade Study(ies) will be conducted in accordance with Section 25.7.7.1 or 40.13.7.1 of the OATT, an SSE Applicant elects to keep its CRIS request but with no System Deliverability Upgrade identified to make the project fully deliverable (as provided for in Section ~~25.7.7.1(3)~~ 25.5.10.1(1) or 40.14.1(1)), and (ii) the total quantity of MW of CRIS for which the Self Supply Exemption is requested exceeds the total amount of Deliverable MW, as specified in the next Class Year Interconnection Facilities Study or Cluster Study report, the ISO shall reduce the total quantity of MW of CRIS for which a Self Supply Exemption is requested to the total amount of Deliverable MW identified in such Class Year Interconnection Facilities Study or Cluster Study ~~R~~report. If there is more than one LSE associated with the SSE Applicant, the ISO shall reduce the quantity of MW of CRIS for each Self Supply LSE by the ratio of Deliverable MW to the total MW of CRIS for which Self Supply exemptions were initially requested.

The ISO shall compute the Net Short Threshold and Net Long Threshold, and determine whether each is satisfied, based on its computation of each of the values specified in this Section. If there is more than one Self Supply LSE associated with the SSE Applicant's request for a Self Supply Exemption, the MW associated with each Self Supply LSE shall be considered separately.

If the Self Supply LSE or its Affiliates are associated with more than one request for a Self Supply Exemption in the Class Year or Cluster Study (including any associated with a transfer of CRIS at the same location,) and the Self Supply LSE and its Affiliates satisfy the Net Long Threshold in a non-zero amount that is greater than the "Cumulative Affiliated Quantity" (as defined in Section 23.4.5.7.14.3,) then remaining in the Class Year or Cluster Study, the ISO

shall reduce the quantity of MW for which they are eligible to receive a Self Supply Exemption by the ratio of (a) the quantity of MW by which the Self Supply LSE and its Affiliates satisfy the Net Long Threshold, to (b) the Cumulative Affiliated Quantity associated with SSE Applicant(s) then remaining in the Class Year or Cluster Study or associated with a transfer of CRIS at the same location (provided the transferee does not notify the ISO, on or before the date the Class Year or Cluster Study is completed, that it no longer expects to be the recipient of the transferred CRIS.)

For the purposes of Section 23.4.5.7.14.3, “Projected ICAP Requirements” is the amount of ICAP MW reasonably projected by the ISO that reflects the expected obligations of the Self Supply LSE, and all its Affiliates, to satisfy the ICAP Requirements of its long term customers. This amount will equal the sum of the total amounts projected by the ISO that will be required to be purchased in each Locality and the NYCA for its long term customers. Such projection shall be based on the Self Supply LSE’s and all its Affiliates’ share(s) of the Locational Minimum Unforced Capacity Requirements and the NYCA Minimum Unforced Capacity Requirement, as applicable and in accordance with ISO Procedures, over the ten most recently completed Capability Years preceding the ~~Class Year~~Cluster Study Start Date and any incremental long term customers that have entered contracts with the Self Supply LSE or its Affiliates with a term of 10 years or more prior to the Class Year Study’s or Cluster Study’s Initial Decision RoundPeriod. Such projection shall also reflect that ICAP MW purchased in a Locality may be used to meet capacity requirements for each Locality in which they are contained, as well as for the NYCA.

When calculating the Self Supply LSE’s and all its Affiliates’ Projected ICAP Requirements, each of their shares of the Locational Minimum Unforced Capacity Requirements

and the NYCA Minimum Unforced Capacity Requirement over these ten Capability Years shall be translated to their ICAP MW equivalent(s) using the derating factor that was applied to translate the Installed Capacity Requirement into the Unforced Capacity Requirement in the same Capability Period and Locality, or the NYCA if applicable, in which the purchase was made.

For the purposes of Section 23.4.5.7.14.3, “Excess Award Percentage” is the reasonably projected amount of excess capacity that the Self Supply LSE and all its Affiliates will be required to purchase in each Locality, and the NYCA, expressed as a percentage of its “Projected ICAP Requirements”, Such projection shall be based on the total excess UCAP MW awarded in each ICAP Spot Market Auction, divided by the Locational Minimum Unforced Capacity Requirement, or the NYCA Minimum Unforced Capacity Requirement, for the same Capability Period and Locality (or the NYCA) in which the award was made, over the three most recently completed Capability Years preceding the ~~Class-Year~~Cluster Study Process Start Date.

For the purposes of Section 23.4.5.7.14.3, “Capacity Obligations without Entry”, calculated for each Locality and the NYCA, is the product of (a) Projected ICAP Requirements and (b) one plus the Excess Award Percentage.

For the purposes of Section 23.4.5.7.14.3, “Capacity Obligations with Entry”, calculated for each Locality and the NYCA, is the product of (a) Projected ICAP Requirements and (b) one plus the Excess Award Percentage, adjusted to reflect the projected increase in excess that the Self Supply LSE would be obligated to purchase as a result of the entry of the SSE Applicant.

For the purposes of Section 23.4.5.7.14.3, “Self Supply Capacity” for a given Locality (or the NYCA,) is (a) the full amount of ICAP MW associated with each Generator or UDR project that the Self Supply LSE or any of its Affiliates own directly or indirectly, in at least a 50.01%

interest (in the aggregate) as of the ~~Class Year~~Cluster Study Process Start Date, or have the power to direct the management or policies of, excluding any whose CRIS MW are projected by the ISO to be expired on or before the date that marks the end of Mitigation Study Period, based on a demonstration by the Self Supply LSE, and (b) the ICAP MW that the Self Supply LSE and all its Affiliates are reasonably projected by the ISO to receive, including ICAP MW which they have a call option to receive, either by way of ownership or under “Existing Long Term Commitments” in that Locality (or the NYCA), and that are associated with a Generator or UDR project that the Self Supply LSE or any of its Affiliates do not own directly or indirectly, at least a 50.01% interest (in the aggregate) as of the Cluster Study Process ~~Class Year~~ Start Date, and that they do not have the power to direct the management or policies of, excluding those that are associated with any Generator or UDR project identified in Excluded Capacity pursuant to Section 23.4.5.7.15. For purposes of Self Supply Capacity, “Existing Long Term Commitments” is the amount of Capacity that the Self Supply LSE or any of its Affiliates are projected by the ISO to receive, which shall include ICAP which they have a call option to receive, under a written agreement (whether stated in ICAP or otherwise,) with a minimum term of ten years obligation remaining thereon on the Cluster Study Process ~~Class Year~~ Start Date. When calculating the term and remaining term of a written agreement for the purposes of this section, the ISO, using its independent judgment and at its sole discretion, will determine whether to reflect in its calculation any potential extension to the current term of a written agreement that may reasonably result from renewal provisions.

For the purposes of Section 23.4.5.7.14.3, “Additional Self Supply Capacity,” for a given Locality (or the NYCA,) is the ICAP MW of a Generator or UDR project that were granted a Self Supply Exemption at the time of the completed Class Year or Cluster Study based on the

Self Supply LSE or any of its Affiliates' being a Self Supply LSE for such Generator or UDR project, in the 10 year period immediately preceding the Class Year Start Date of the Class Year, or Cluster Study Process Start Date of the Cluster Study, as applicable, in that Locality (or the NYCA), excluding: (i) any ICAP MW that are included in Self Supply Capacity, (ii) any ICAP MW associated with a Generator or UDR project that the Self Supply LSE and any of its Affiliates own directly or indirectly, at least a 50.01% interest(in the aggregate) as of the Cluster Study Process~~Class Year~~ Start Date, or have the power to direct the management or policies of, and that the CRIS of which is projected by the ISO to be expired on or before the date that marks the end of Mitigation Study Period, based on a demonstration by the Self Supply LSE; and (iii) any ICAP MW of a Generator or UDR project that neither the Self Supply LSE nor any of its Affiliates own directly or indirectly, at least a 50.01% interest (in the aggregate) as of the Cluster Study Process~~Class Year~~ Start Date, or have the power to direct the management or policies of, and that is a Generator or UDR project identified in Excluded Capacity pursuant to Section 23.4.5.7.15.

#### **23.4.5.7.14.3.1 Net Short Threshold**

The Net Short Threshold will be satisfied for the “SSE Evaluated ICAP” if the ISO determines that, summed over all Localities and the NYCA, the Self Supply LSE’s and all of its Affiliates’ “Total Capacity Costs without Entry” are expected to be less than the Self Supply LSE’s and all of its Affiliates’ “Total Capacity Costs with Entry” when accounting for the nested structure of the Self Supply LSE’s ICAP Requirements.

23.4.5.7.14.3.1.1 The ISO will calculate the estimated “Total Capacity Costs without Entry” as the sum over all Localities, and the NYCA, of the product of (a) the

“ICAP Spot Auction Price without Entry” and (b) the “Capacity Exposed to Market Prices without Entry”.

- (a) “ICAP Spot Market Auction Price without Entry” shall be based on the ICAP Spot Market Auction prices for each Locality and the NYCA, averaged over the three most recently completed Capability Years preceding the Cluster Study Process ~~Class-Year~~ Start Date.

- (b) “Capacity Exposed to Market Prices without Entry” is calculated for each Locality and the NYCA as:  
“Capacity Obligations without Entry” for each Locality and the NYCA, translated from ICAP MW into UCAP MW using the average derating factor for each Locality and the NYCA corresponding to the ICAP Spot Market Auctions used to determine the ICAP Spot Market Auction Price without Entry;

minus

“Self Supply Capacity” for each Locality and the NYCA, translated from ICAP MW into UCAP MW using a derating factor, as determined by the ISO, that is reasonably anticipated to be associated with ICAP Suppliers included in this Self Supply Capacity;

minus

“Additional Self Supply Capacity” for each Locality and the NYCA, translated from ICAP MW into UCAP MW using a derating factor, as determined by the ISO, that is reasonably anticipated to be associated with ICAP Suppliers included in this Additional Self Supply Capacity;

minus

“Previously Included Capacity Exposed to Market Prices without Entry,” which shall be determined as follows: When calculating “Capacity Exposed to Market Prices Without Entry” for the New York City or Long Island Localities, “Previously Included Capacity Exposed to Market Prices without Entry” shall be zero. When calculating “Capacity Exposed to Market Prices without Entry” for the G-J Locality, “Previously Included Capacity Exposed to Market Prices without Entry” shall be set equal to “Capacity Exposed to Market Prices without Entry” calculated for the New York City Locality. When calculating “Capacity Exposed to Market Prices without Entry” for the NYCA, “Previously Included Capacity Exposed to Market Prices without Entry” shall be set equal to the sum of “Capacity Exposed to Market Prices without Entry” calculated for the G-J, New York City, and Long Island Localities.

23.4.5.7.14.3.1.2 The ISO will calculate “Total Capacity Costs with Entry” as the sum of “Proportional Entry Costs” and the sum over all Localities, and the NYCA, of the product of (a) “ICAP Spot Market Auction Price With Entry” and (b) “Capacity Exposed to Market Prices With Entry”.

“Proportional Entry Costs” is the percentage of the Unit Net CONE (expressed in dollars) of the SSE Applicant (calculated in accordance with Section 23.4.5.7.3 if an Examined Facility, or in accordance with Section 23.4.5.7.2.1 if an NCZ Examined Project, or in accordance with Section 23.4.5.7.6.1 if Additional CRIS MW) that is equal to the SSE Evaluated ICAP divided by the total MW of CRIS requested by the SSE Applicant in the Class Year or Cluster Study.



(a) The “ICAP Spot Market Auction Price with Entry” shall be based on the ICAP Spot Market Auction prices calculated for each Locality and the NYCA, averaged over the three most recently completed Capability Years preceding the Cluster Study Process~~Class Year~~ Start Date, and adjusted to reflect the entry of the SSE Applicant.

(b) the “Capacity Exposed to Market Prices with Entry” is calculated for each Locality and the NYCA as:  
“Capacity Obligations with Entry” for each Locality and the NYCA, translated from ICAP MW into UCAP MW using the average derating factor for each Locality and the NYCA corresponding to the ICAP Spot Market Auctions used to determine the ICAP Spot Market Auction Price with Entry;

Minus

“Self Supply Capacity” for each Locality and the NYCA, translated from ICAP MW into UCAP MW using a derating factor, as determined by the ISO, that is reasonably anticipated to be associated with ICAP Suppliers included in this Self Supply Capacity;

minus

“Additional Self Supply Capacity” for each Locality and the NYCA, translated from ICAP MW into UCAP MW using a derating factor, as determined by the ISO, that is reasonably anticipated to be associated with ICAP Suppliers included in this Additional Self Supply Capacity;

minus

“SSE Evaluated ICAP”, translated from ICAP MW into UCAP MW using a derating factor, as determined by the ISO that is reasonably anticipated to be associated with the SSE Applicant;

minus

“Previously Included Capacity Exposed to Market Prices with Entry,” which shall be determined as follows: When calculating “Capacity Exposed to Market Prices With Entry” for the New York City or Long Island Localities, “Previously Included Capacity Exposed to Market Prices with Entry” shall be zero. When calculating “Capacity Exposed to Market Prices with Entry” for the G-J Locality, “Previously Included Capacity Exposed to Market Prices with Entry” shall be set equal to “Capacity Exposed to Market Prices with Entry” calculated for the New York City Locality. When calculating “Capacity Exposed to Market Prices with Entry” for the NYCA, “Previously Included Capacity Exposed to Market Prices with Entry” shall be set equal to the sum of “Capacity Exposed to Market Prices with Entry” calculated for the G-J, New York City, and Long Island Localities.

#### **23.4.5.7.14.3.2 Net Long Threshold**

If the Self Supply LSE and any of its Affiliates are associated with more than one Self Supply Exemption Request in the Class Year or Cluster Study, the Net Long Threshold determination will be made based on the sum of the Self Supply LSE’s and all of its Affiliates’ SSE Evaluated ICAP (“Cumulative Affiliated Quantity”) prior to the Initial Decision RoundPeriod. The ISO shall recalculate the Cumulative Affiliated Quantity prior to the ISO’s issuance of a Revised Project Cost Allocation Subsequent Decision RoundPeriod if any SSE Applicant with which it is associated is no longer in the Class Year or Cluster Study.

For each Mitigated Capacity Zone containing the location of the SSE Applicant, the ISO will determine the largest amount of SSE Evaluated ICAP MW that is (a) less than or equal to the sum of the Self Supply LSE's and all of its Affiliates' "SSE Evaluated ICAP" and (b) for which the Self Supply LSE's and all of its Affiliates' "Total Self Supply Capacity" is less than or equal to the "Future Capacity Obligation." The Net Long Threshold will be satisfied for the smallest of these determined amounts of SSE Evaluated ICAP MW, and will be considered not satisfied if the smallest of these amounts is less than or equal to zero.

- (i) The "Total Self Supply Capacity" is the sum, in each Mitigated Capacity Zone, of ICAP MW of (A) Self Supply Capacity, (B) Additional Self-Supply Capacity, and (C) the cumulative quantity of the Self Supply LSE's and all of its Affiliates' SSE Evaluated ICAP.
- (ii) the "Future Capacity Obligation" is the product of (A) ICAP MW of Capacity Obligations without Entry, and (B) the higher of (x) one plus the "10 year growth rate of peak demand" and (y) one plus one percent. The "10 year growth rate of peak demand" shall be determined based on the longest available NYSO Baseline forecast of non-coincident peak demand for the corresponding Mitigated Capacity Zone found in the "Baseline Forecast of Non-Coincident Peak Demand" table, or its successor in the most current Gold Book, published by the Cluster Study Process~~Class-Year~~ Start Date of the Class Year, for each Mitigated Capacity Zone.

#### **23.4.5.7.14.4 Timing of Determinations**

##### **23.4.5.7.14.4.1 Determinations.**

- (a) Prior to the Initial Decision ~~RoundPeriod~~, the ISO shall determine whether all or a portion of the MW specified in the request for a Self Supply Exemption is eligible for a Self Supply Exemption in accordance with Section 23.4.5.7.14.1.2. If the ISO determines that all or a portion of the CRIS MW for which a Self Supply Exemption was requested is not eligible for a Self Supply Exemption, the ISO shall make a determination in accordance with Section 23.4.5.7.3.2 prior to the commencement of the Initial Decision ~~RoundPeriod~~, and prior to the ISO's issuance of a Revised Project Cost Allocation. When evaluating eligibility for a Self Supply Exemption, the ISO shall consult with the Market Monitoring Unit. The responsibilities of the Market Monitoring Unit that are addressed in this section of the Mitigation Measures are also addressed in Section 30.4.6.2.13 of Attachment O to this Services Tariff.
- (b) Determinations made pursuant to Section 23.4.5.7.14.4 shall be provided to the SSE Applicant concurrent with the issuance of determinations in accordance with Section 23.4.5.7.3.3, and to an NCZ Examined Project at the time of the ISO's determination pursuant to Section 23.4.5.7.2.1.
- (c) The ISO shall post on its web site and concurrently notify the Self Supply LSE of the ISO's determination of exempt, and if exempt the quantity of MW exempted, or non-exempt, from an Offer Floor as soon as the determination is final. Concurrent with the ISO's posting, the Market Monitoring Unit shall publish a report on the ISO's determination, as further specified in Sections 30.4.6.2.13 of Attachment O to this Services Tariff.

#### **23.4.5.7.14.5 Revocation of a Self Supply Exemption**

- (a) If, at the time prior to the SSE Applicant first producing or transmitting, Energy it or the Self Supply LSE no longer satisfies the requirements of Section 23.4.5.7.14.1(b) or no longer meets the requirements of the Acknowledgement and Certification, the SSE Applicant and the Self Supply LSE shall notify each other and the ISO in writing within 3 business days of the event or basis for the failure to meet the requirements for a Self Supply Exemption. Within 10 business days of its receipt of this notification, the ISO shall provide written notice of its intent to revoke the Self Supply Exemption that specifies its findings. The ISO will provide an opportunity for the SSE Applicant of Self Supply LSE to schedule a joint meeting with the ISO within 20 business days from the date of its notice of intent to revoke the Self Supply Exemption. The purpose of the meeting will be to allow the submittal of additional documentation and other facts that could rebut the findings of the ISO that were identified in its notice of intent to revoke the Self Supply Exemption. The ISO shall determine within 10 business days of this joint meeting whether the revocation of the Self Supply Exemption shall be finalized and then shall post on its website its determination to revoke the Self Supply Exemption. If the ISO revokes the Self Supply Exemption, the Generator will be subject to the Mitigation Net CONE Offer Floor (such value calculated based on the date it first offers UCAP, in accordance with Section 23.4.5.7.3.7, and adjusted annually in accordance with Section 23.4.5.7 of this Services Tariff.)
- (b) The failure to provide the ISO written notice in accordance with Section 23.4.5.7.14.5(a) shall constitute a violation of the Services Tariff. Such violation

shall be reported by the ISO to the Market Monitoring Unit and to the Commission's Office of Enforcement (or any successor to its responsibilities.)

- (c) Where the ISO reasonably believes that a request for a Self Supply Exemption was granted based on (i) false, misleading, or inaccurate information, or (ii) the Self Supply LSE's inclusion within "Self Supply Capacity" (as that term is used in Section 23.4.5.7.14.3) of a Generator or UDR project's capacity that was identified by the Self Supply LSE whose CRIS was projected to expire before the end of the Mitigation Study Period but has not expired on or before the date that marked the end of the Mitigation Study Period, the ISO shall notify the SSE Applicant or the Owner/Operator of the Generator or UDR, and the Self Supply LSE that the Self Supply Exemption may be revoked in writing. The written notice shall provide to the Self Supply Applicant, or the Owner/Operator of the Generator or UDR, -and the Self Supply LSE an opportunity to submit documentation to the ISO and meet jointly with the ISO to rebut the ISO's findings within 30 days from the date of the ISO's written notice. The ISO shall determine within 10 business days of this meeting whether the revocation of the Self Supply Exemption shall be finalized and post on its website its determination to revoke the Self Supply Exemption. Where the ISO revokes the Self Supply Exemption the Generator or UDR shall be subject to the Mitigation Net CONE Offer Floor (such value calculated based on the date the SSE Applicant first offers UCAP, in accordance with Section 23.4.5.7.3.7, and adjusted annually in accordance with Section 23.4.5.7 of this Services Tariff.) Prior to the revocation of a Self Supply Exemption and the submission of a report to the Commission's

Office of Enforcement (or any successor to its responsibilities,) the ISO shall provide the SSE Applicant an opportunity to explain any statement, information, or action, and if a statement information or action of the Self Supply LSE, it shall also provide an opportunity to that entity. The ISO cannot revoke the Self Supply Exemption until after the 30 days written notice period has expired, unless ordered to do so by the Commission.

#### **23.4.5.7.15 Forecasts Under the Buyer Side Market Power Mitigation Measures**

The rules set forth in this Section 23.4.5.7.15 apply to (i) the ISO's determinations pursuant to Section 23.4.5.7, *et seq.* of ICAP Spot Market Auction forecast prices ("BSM ICAP Forecast") and (ii) Energy and Ancillary Services revenues when determining Unit Net CONE under Sections 23.4.5.7, *et seq.* (collectively for purposes of this Section, a "BSM Forecast"). The rule for Excluded Capacity set forth in Section 23.4.5.7.15.7.3 shall apply to Self Supply Capacity and Additional Self Supply Capacity under Section 23.4.5.7.14.3. The ISO shall post on its website the BSM Forecast inputs determined in accordance with this Section 23.4.5.7.15, subject to any restrictions on the disclosure of Confidential Information or Critical Energy Infrastructure Information, on or before the commencement of the Initial Decision ~~Periods~~ Rounds for the Class Year Study, Cluster Study, Additional SDU Study, and the Expedited Deliverability Study. This posting will include sources of or references for publicly available information "demonstrating with reasonable certainty," as defined in Section 23.4.5.7.15.2, used to develop the BSM Forecast.

23.4.5.7.15.1 For the purposes of Section 23.4.5.7.15, a "positive indicator" that a Generator or UDR project will repair and return to service includes indications that a return to service is, in the ISO's judgment, likely and imminent, such as visible site activity, executed labor or fuel supply arrangements, or unit testing.

23.4.5.7.15.2 For the purposes of Section 23.4.5.7.15, publicly available information "demonstrating with reasonable certainty" shall be limited to information that has been released, authorized, capitulated, or endorsed by an individual or entity having the authority or right to take specific, definitive, actions; and – if such



information is contested, to take unilateral actions regarding the operational status of the facility.

23.4.5.7.15.3 When establishing a BSM Forecast, the ISO shall incorporate the parameters and inputs identified in the following subsections. The ISO shall make assumptions necessary to account for any other value or input not expressly addressed in the following subsections in accordance with ISO Procedures.

23.4.5.7.15.3.1 When establishing a BSM Forecast, the ISO shall include Existing Units and Additional Units, as defined in Sections 23.4.5.7.15.4 and .5, less Omitted Units, as defined in Section 23.4.5.7.15.6.

23.4.5.7.15.3.2 When establishing a BSM Forecast, the ISO shall utilize the Load forecast as set forth in the most recently published Load and Capacity Data (Gold Book), or as most recently posted to the ISO's public website and in accordance with ISO Procedures.

23.4.5.7.15.3.3 When determining a BSM ICAP Forecast, the ISO shall reflect Special Case Resource enrollment at a level consistent with average enrollment over the 3 prior Capability Years and Distributed Energy Resource participation in the Installed Capacity market at a level projected in accordance with ISO Procedures.

23.4.5.7.15.3.4 When determining a BSM ICAP Forecast, the ISO shall identify the projected ICAP Demand Curve by applying the "inflation index" as defined in Section 23.4.5.7.4. When determining a BSM ICAP Forecast for an Indicative Buyer-Side Mitigation Exemption Determination under Sections 23.4.5.7.2.2 and 23.4.5.7.2.4 when the Commission has not yet accepted the first ICAP Demand

Curve to apply specifically to the Mitigated Capacity Zone in which the NCZ Examined Project is located, such inflation rate shall be applied to the ICAP Demand Curve the ISO filed pursuant to Services Tariff Section 5.14.1.2.2.4.11.

#### **23.4.5.7.15.4 Existing Units**

Except for the Generators and UDR projects that are excluded without limitation under an exception set forth in Section 23.4.5.7.15.7, the ISO shall identify “Existing Units” as the set of Generators and UDR projects identified in the ISO’s most-recently published Gold Book that have CRIS, and are operating at the time that the ISO determines the forecast; including but not limited to Generators in Forced Outage or Inactive Reserve status.

#### **23.4.5.7.15.5 Additional Units**

Subject to the exceptions set forth in Section 23.4.5.7.15.7, the ISO shall identify “Additional Units” as each Generator and UDR project that has been found to be exempt from an Offer Floor as described in Section 23.4.5.7.15.5.2 or (i) has previously offered to supply UCAP, (ii) has CRIS, (iii) is not in Existing Units, and (iv) if a Generator, is in an ICAP Ineligible Forced Outage, Mothball Outage, or Retired; if either: (a) the ISO concludes in its sole judgment that there are sufficient positive indicators that the Generator or UDR project will repair and return to service, or (b) the ISO determines that a return to service of the Generator or UDR project would have a positive Net Present Value as set forth in Section 23.4.5.7.15.8.

23.4.5.7.15.5.1           When establishing a BSM Forecast, the inclusion of Generators and UDR projects identified pursuant to Section 23.4.5.7.15.5 (b) as Additional Units shall reflect the persistence of their operation as being contingent on the projected recovery of their forecasted Going Forward Costs.

23.4.5.7.15.5.2 When the ISO establishes a BSM Forecast to complete the BSM determinations for a Class Year Study, Cluster Study, Additional SDU Study or Expedited Deliverability Study, the ISO shall not double-count exemptions. The ISO, in consultation with the Market Monitoring Unit, shall include for each set of decision round determinations: (i) all Examined Facilities that the ISO has previously exempted from an Offer Floor as a Public Policy Resource under Section 23.4.5.7.3.1 in a Class Year Study, Cluster Study, or Additional SDU Study or Expedited Deliverability Study in the first Capability Year in which the Examined Facility was granted such exemption, provided, however, for any exemption granted to an Examined Facility as a Public Policy Resource under Section 23.4.5.7.3.1 prior to the most recently completed Class Year Study or Cluster Study, the ISO shall exclude the Examined Facility if it has determined it is reasonable to project the Examined Facility will not enter the market, and (ii) all Examined Facilities that the ISO determines will receive a Part A Exemption in the currently ongoing Class Year Study, Cluster Study, Additional SDU Study or Expedited Deliverability Study until and unless an Examined Facility rejects its cost allocation or otherwise drops out of such Class Year Study, Cluster Study, Additional SDU Study or Expedited Deliverability Study. Any Examined Facility that was granted an exemption by the ISO in a previously completed Class Year Study, Cluster Study, Additional SDU Study, or Expedited Deliverability Study pursuant to Section 23.4.5.7.2(a) if issued prior to the start of Class Year 2019, Section 23.4.5.7.2(b), Section 23.4.5.7.2(c) or Section 23.4.5.7.2(d) shall also be included in the BSM Forecast for each set of decision round determinations for

such Class Year Study, Cluster Study, Additional SDU Study, or Expedited Deliverability Study if the ISO has determined that 5% or more of its respective total project's costs have been spent.

#### **23.4.5.7.15.6 Omitted Units**

Subject to the exceptions set forth in Section 23.4.5.7.15.7, the ISO shall identify “Omitted Units” as the set of Generators and UDR projects that meet the criteria in the following subsections.

23.4.5.7.15.6.1 Generators and UDR projects (i) that have transferred CRIS; (ii) for which the CRIS has expired; (iii) that have CRIS for which a request has been received by the ISO for an evaluation of a CRIS transfer from another location in the Class Year ~~Facilities Study~~ or Cluster Study commencing in a calendar year in or preceding the Mitigation Study Period; or (iv) that are an expected transferor of transferred CRIS at the same location. For any CRIS transfer described in (iii) or (iv) of this Section, the transferor or the transferee must have notified the ISO of the transfer pursuant to ~~OATT Attachment S~~ Section 25.9.4 of Attachment S or Section 40.18.3 of Attachment HH to the OATT and the transfer must be reasonably expected to be effective on a date within the Mitigation Study Period.

23.4.5.7.15.6.2 Generators in ICAP Ineligible Forced Outages (even if resulting from Catastrophic Failures), Mothball Outages, or that are Retired; provided they are not identified under Section 23.4.5.7.15.5 as an Additional Unit or an exception under Section 23.4.5.7.15.7.

23.4.5.7.15.6.3 Generators that have submitted a Generation Deactivation Notice, beginning with the proposed deactivation date identified in such notice, provided

that: (i) the ISO does not identify sufficient positive indicators that the Generator will repair and return to service and (ii) the ISO determines that a return to service or continued operation of the Generator does not have a positive Net Present Value as set forth in Section 23.4.5.7.15.8.

#### **23.4.5.7.15.7 Exceptions**

The rules set forth in the following subsections take precedence over the rules described elsewhere in Section 23.4.5.7.15 under the facts and circumstances defined therein.

23.4.5.7.15.7.1 Generators that have submitted a Generation Deactivation Notice, for which the ISO has not yet completed its Short-Term Assessment of Reliability or Generation Deactivation Assessment, shall not be identified by the ISO as Omitted Units, unless there is publicly available information demonstrating with reasonable certainty that the Generator or UDR project will indefinitely cease operation.

23.4.5.7.15.7.2 Initiating Generators with an associated Generator Deactivation Reliability Need for which a Short-Term Reliability Process Solution has not yet been identified, RMR Generators, and Interim Service Providers that are required to keep their generating unit(s) in-service, shall be included in Existing Units for the expected duration of such Generator Deactivation Reliability Need with which they are associated. Such Generators shall also be included in Existing Units beyond the expected duration of the Generator Deactivation Reliability Need if either: (a) the ISO determines, in its sole judgment, that a return to service or continued operation of the Generator has a positive Net Present Value as set forth in Section 23.4.5.7.15.8, or (b) there is publicly available information

demonstrating with reasonable certainty that the Generator will continue operation.

23.4.5.7.15.7.3 Except for those included in Existing Units pursuant to Section 23.4.5.7.15.7.2, Generators and UDR projects for which there is publicly available information demonstrating with reasonable certainty that they will indefinitely cease operation, shall be identified as Excluded Capacity beginning with the date determined by the ISO to be consistent with the expected cessation of operations.

23.4.5.7.15.7.4 Generators and UDR projects for which there is publicly available information demonstrating with reasonable certainty that (a) they will return to service shall be included in Additional Units beginning with the date determined by the ISO to be consistent with its expected return to service, or (b) they will continue operations shall be included in Additional Units until the date determined by the ISO to be consistent with its expected continuation of operations.

23.4.5.7.15.7.5 Where determined by the ISO in its sole judgment to be reasonable, the additional capability associated with the repair of a Generator or UDR project that has been operating under a long term partial derate (such as due to the delay or deferral of repairs) may be treated as if it were in and of itself a separate Generator or UDR project in an ICAP Ineligible Forced Outage for the purposes of Section 23.4.5.7.15. In such instances, the net present value of the investment required to for the Generator or UDR facility to return to its original

capability or capability prior to the long term partial derate shall be evaluated in place of the cost of returning to service.

23.4.5.7.15.7.6 The ISO shall not be required pursuant to Section 23.4.5.7.15 to determine whether a return to service or continued operation would have a positive Net Present Value as set forth in Section 23.4.5.7.15.8 for: (i) Generators in ICAP Ineligible Forced Outages that the ISO determined to have resulted from a Catastrophic Failure; and (ii) Generators that are Retired, provided that in the case of (ii), in the ISO's sole judgment, (a) the Generator was subject to actions that rendered it permanently inoperable, (b) the reversal of such actions would be a nontrivial undertaking, and (c) the ISO has received confirmation from it that it has permanently ceased operations.

23.4.5.7.15.7.7 The production and sale of energy from Generators and UDR projects that only have ERIS and no CRIS, or that will have ERIS only after a transfer of CRIS, for which the ISO has received notice or made a determination in the Class Year or Cluster Study as described in the next sentence, shall be modeled in the BSM Forecasts, but such units shall be excluded from the BSM ICAP Forecast. In accordance with Attachment S or HH of the OATT, the ISO must have received notice that the transaction is final if a transfer of CRIS at the same location, or have determined the facility receiving the transfer is deliverable and such transferee is either in the Class Year or Cluster Study being examined, or remained in a prior Class Year or Cluster Study at the time of its completion, if a transfer of CRIS from a different location.

#### 23.4.5.7.15.8 Net Present Value Analysis

Where required by Section 23.4.5.7.15, the ISO shall determine if a Generator or UDR project that potentially could return to service or continue in operation would have a positive net present value under ISO-predicted market conditions and recognizing the entry of projects in the current Class Year or Cluster Study and those that remained in prior Class Years or Cluster Studies at the time of their completion, in accordance with ISO Procedures. If the ISO-estimated net present value is greater than zero, then the criterion of this Section will be considered to have been met.

23.4.5.7.15.8.1 The ISO's net present value analysis shall consider, at a minimum:

(a) the ISO-estimated costs and opportunity costs associated with returning a Generator or UDR project to service if the unit is not currently operating, and of continued operation through the end of the Mitigation Study Period, or the end of the investment horizon as reasonably determined by the ISO, whichever is of greater length (including, if applicable, the expected lost revenues of the rest of the portfolio of the Installed Capacity Supplier attributable to reductions in ICAP Spot Market Auction prices caused by the Generator or UDR project's return to service); (b) the ISO-estimated revenues, over the same time period, from the production and sale of Energy, Ancillary Services, and capacity, and (c) the effect that additional risk associated with the age, condition, and location of the Generator or UDR project may have on the required return on investment.

23.4.5.7.15.8.2 The ISO's net present value analysis shall be for a period beginning after the reasonably anticipated commencement of the Initial Decision RoundPeriod but before the starting Capability Period of the Mitigation Study



Period, through the end of Mitigation Study Period, or until the investment horizon as reasonably assumed by the ISO, whichever is of greater length.

23.4.5.7.15.8.3        The ISO shall consider data received from the Generator and UDR project for which it is performing a net present value analysis pursuant to this Section 23.4.5.7.15.8, and information received pursuant to Section ~~3038~~.25 of the OATT, along with any new, updated, or relevant information that the ISO, in its sole judgment and in accordance with ISO Procedures, has verified is reasonable and accurate. If the ISO has not timely received sufficient information from the owner or representative of a Generator or UDR project, or if the ISO has received information but determined it is not suitable or reliable to be used for the purposes of a net present value analysis pursuant to Section 23.4.5.7.8, the ISO can substitute suitable estimated data, or identify the Generator or UDR project as Omitted Units.

**25      Attachment J – Determination of Day-Ahead Margin Assurance Payments and  
Import Curtailment Guarantee Payments**

## **25.1 Introduction**

If a Supplier that is eligible pursuant to Section 25.2 of this Attachment J buys out of a Day-Ahead Energy, Regulation Service or Operating Reserve schedule in a manner that reduces its Day-Ahead Margin it shall receive a Day-Ahead Margin Assurance Payment, except as noted in Sections 25.2, 25.3, 25.4, and 25.5 of this Attachment J. The purpose of such payments is to protect Suppliers' Day-Ahead Margins associated with real-time reductions after accounting for: (i) any real-time profits associated with offsetting increases in real-time Energy, Regulation Service, or Operating Reserve schedules; and (ii) any Supplier-requested real-time de-rate granted by the ISO.

In addition, a Supplier may be eligible to receive an Import Curtailment Guarantee Payment if its Import is curtailed at the request of the ISO as determined pursuant to Section 25.6 of this Attachment J.

## **25.2 Eligibility for Receiving Day-Ahead Margin Assurance Payments**

### **25.2.1 General Eligibility Requirements for Suppliers to Receive Day-Ahead Margin Assurance Payments**

Subject to Section 25.2.2 of this Attachment J, the following categories of Resources bid by Suppliers shall be eligible to receive Day-Ahead Margin Assurance Payments:

- (i) all Self-Committed Flexible and ISO-Committed Flexible Generators, other than Energy Storage Resources and Aggregations, that are either online and dispatched by RTD or available for commitment by RTC;
- (ii) Demand Side Resources committed to provide Operating Reserves or Regulation Service;
- (iii) any Resource, including an Energy Storage Resource or an Aggregation, that is scheduled ~~Out of economic merit order~~ by the ISO in response to an ISO or Transmission Owner system security need or to permit the ISO to procure additional Operating Reserves;
- (iv) any Resource, including an Energy Storage Resource or an Aggregation, internal to the NYCA that is derated or decommitted by the ISO in response to an ISO or Transmission Owner system security need or to permit the ISO to procure additional Operating Reserves;
- (v) Energy Limited Resources or an Aggregation comprised entirely of Energy Limited Resources with an ISO-approved real-time reduction in scheduled output from its Day-Ahead schedule; and
- (vi) Limited Energy Storage Resources and Aggregations comprised entirely of Limited Energy Storage Resources scheduled to provide Regulation Service, as described in Section 25.3.2 of this ISO Services Tariff.

## **25.2.2 Exceptions**

Notwithstanding Section 25.2.1 of this Attachment J, no Day-Ahead Margin Assurance Payment shall be paid to:

25.2.2.1 a Resource, otherwise eligible for a Day-Ahead Margin Assurance

Payment, in hours in which the NYISO has increased the Resource's real-time minimum operating level above the Resource's Day-Ahead Market Energy schedule either: (i) at the Resource's request including through an adjustment to the Resource's self-commitment schedule; or (ii) in order to reconcile the ISO's dispatch with the Resource's actual output or to address reliability concerns that arise because the Resource is not following Base Point Signals; or (iii) an Intermittent Power Resource that depends on wind or solar energy as its fuel.

25.2.2.2 a Resource, otherwise eligible for Day-Ahead Margin Assurance

Payments, in hours in which the NYISO has increased the Resource's real-time minimum operating level at the Resource's request, including through an adjustment to the Resource's self-commitment schedule, above the MW level determined by subtracting the Resource's Day-Ahead Market Regulation Service schedule from its Day-Ahead Market Energy schedule.

25.2.2.3 a Resource, otherwise eligible for Day-Ahead Margin Assurance

Payments, in hours in which the Resource reduces the MW quantity specified in its real-time Regulation Capacity Bid below its Day-Ahead Market Regulation Service schedule.

25.2.2.4 a Generator, otherwise eligible for Day-Ahead Margin Assurance

Payments, for (i) any hour in which the Incremental Energy Bids submitted in the Real-Time Market for that Generator exceed the Incremental Energy Bids

submitted in the Day-Ahead Market, or the mitigated Day-Ahead Incremental Energy Bids where appropriate, for the portion of that Generator's Capacity that was scheduled in the Day-Ahead Market; and (ii) the two hours immediately preceding and the two hours immediately following the hour(s) in which the Incremental Energy Bids submitted in the Real-Time Market for that Generator exceed the Incremental Energy Bids submitted in the Day-Ahead Market, or the mitigated Day-Ahead Incremental Energy Bids where appropriate, for the portion of that Generator's Capacity that was scheduled in the Day-Ahead Market.

25.2.2.5        A Generator that is available for commitment by RTC and otherwise eligible for Day-Ahead Margin Assurance Payments, for (i) any hour in which the Start-Up Bids submitted in the Real-Time Market for that Generator exceed the Start-Up Bids submitted in the Day-Ahead Market, or the mitigated Day-Ahead Start-Up Bids where appropriate, and that Generator was scheduled for Energy in that hour in the Day-Ahead Market; and (ii) the two hours immediately preceding and the two hours immediately following the hour(s) in which the Start-Up Bids submitted in the Real-Time Market for that Generator exceed the Start-Up Bids submitted in the Day-Ahead Market, or the mitigated Day-Ahead Start-Up Bids where appropriate, and that Generator was scheduled for Energy or Regulation Service in that hour in the Day-Ahead Market.

25.2.2.6        A Generator that is available for commitment by RTC and otherwise eligible for Day-Ahead Margin Assurance Payments, for (i) any hour in which the dollar component of the Minimum Generation Bids submitted in the Real-Time Market for that Generator exceed the dollar component of the Minimum

Generation Bids submitted in the Day-Ahead Market, or the dollar component of the mitigated Day-Ahead Minimum Generation Bids where appropriate, and that Generator was scheduled for Energy in that hour in the Day-Ahead Market; and (ii) the two hours immediately preceding and the two hours immediately following the hour(s) in which the dollar component of the Minimum Generation Bids submitted in the Real-Time Market for that Generator exceed the dollar component of the Minimum Generation Bids submitted in the Day-Ahead Market, or the dollar component of the mitigated Day-Ahead Minimum Generation Bids where appropriate, and that Generator was scheduled for Energy in that hour in the Day-Ahead Market.

25.2.2.7 An Energy Storage Resource that: (1) is interconnected to a Local Area Transmission System Facility or a Transmission Facility Requiring ISO Notification that is not identified as ISO Secure or BMS Secure in ISO Procedures; (2) had its output limited in an ISO interconnection study completed after April 4, 2024 to address one or more specifically identified constraints; and (3) is scheduled or dispatched Out-of-Merit by the ISO to inject or withdraw less Energy than its real-time Energy schedule, ISO-issued economic dispatch instruction, or its current injections or withdrawals, in response to an ISO or Transmission Owner request to relieve a constraint on a Local Area Transmission System Facility that was identified as limiting in the Energy Storage Resource's interconnection study.

## 25.3 Calculation of Day-Ahead Margin Assurance Payments

### 25.3.1 Formula for Day-Ahead Margin Assurance Payments for Generators and Aggregations, Except for Limited Energy Storage Resources and Aggregations comprised entirely of Limited Energy Storage Resources

Subject to Sections 25.4 and 25.5 of this Attachment J, Day-Ahead Margin Assurance Payments for Generators and Aggregations, except for Limited Energy Storage Resources and Aggregations comprised entirely of Limited Energy Storage Resources, shall be determined by applying the following equations to each individual Generator or Aggregation using the terms as defined in Section 25.3.4:

$$DMAP_{hu} = \max\left(0, \sum_{i \in h} CDMAP_{iu}\right)$$

where:

$$CDMAP_{iu} = CDMAPen_{iu} + \sum_P CDMAPres_{iup} + CDMAPreg_{iu}$$

#### 25.3.1.1 Energy Contribution for Day-Ahead Margin Assurance Payments

If the Generator's or Aggregation's (i) Day-Ahead schedule is to inject Energy (*i.e.*, greater than zero MW) and its real-time Energy schedule is lower than its Day-Ahead Energy schedule; or (ii) Day-Ahead schedule is to withdraw Energy (*i.e.*, less than zero MW) and its real-time Energy schedule is greater than its Day-Ahead Energy schedule, then:

$$CDMAPen_{iu} = \left( (DASen_{hu} - LL_{iu}) * RTPen_{iu} - \int_{LL_{iu}}^{DASen_{hu}} DABen_{hu} \right) * \frac{Seconds_i}{3600}$$

If the Generator's or Aggregation's (i) Day-Ahead Energy schedule is to inject Energy (*i.e.*, greater than zero MW) and its real-time Energy schedule is greater than or equal to its Day-Ahead Energy schedule; or (ii) Day-Ahead Energy schedule is to withdraw Energy (*i.e.*, less than



zero MW), and its real-time Energy schedule is less than or equal to its Day-Ahead Energy schedule; or (iii) Day-Ahead Energy schedule is for zero MW, then:

$$CDMAPen_{iu} = \min \left[ \left( (DASen_{hu} - UL_{iu}) * RTPen_{iu} + \int_{DASen_{hu}}^{UL_{iu}} RTBen_{iu} \right) * \frac{Seconds_i}{3600}, 0 \right]$$

#### 25.3.1.2 Operating Reserve Contribution for Day-Ahead Margin Assurance Payments

If the Generator's or Aggregation's real-time schedule for a given Operating Reserve product, p, is lower than its Day-Ahead Operating Reserve schedule for that product then:

$$CDMAPres_{iup} = [(DASres_{hup} - RTSres_{iup}) * (RTPres_{iup} - DABres_{hup})] * \frac{Seconds_i}{3600}$$

If the Generator's or Aggregation's real-time schedule for a given Operating Reserve product, p, is greater than or equal to its Day-Ahead Operating Reserve schedule for that product then:

$$CDMAPres_{iup} = [(DASres_{hup} - RTSres_{iup}) * (RTPres_{iup})] * \frac{Seconds_i}{3600}$$

#### 25.3.1.3 Regulation Service Contribution for Day-Ahead Margin Assurance Payments

If the Generator's or Aggregation's real-time Regulation Service schedule is less than its Day-Ahead Regulation Service schedule then:

$$CDMAPreg_{iu} = [(DASreg_{hu} - RTSreg_{iu}) * (RTPreg_{iu} - DABreg_{hu})] * \frac{Seconds_i}{3600} + [(-1 * RTMreg_{iu}) * \max(0, RTPregm_{iu} - RTBregm_{iu})]$$

If the Generator's or Aggregation's real-time Regulation Schedule is greater than or equal to the Day-Ahead Regulation Service schedule then:

$$CDMAPreg_{iu} = [(DASreg_{hu} - RTSreg_{iu}) * \max(RTPreg_{iu} - RTBreg_{iu}, 0)] * \frac{Seconds_i}{3600} + [(-1 * RTMreg_{iu}) * \max(0, RTPreg_{iu} - RTBreg_{iu})]$$

## 25.3.2 Formula for Day-Ahead Margin Assurance Payments for Demand Side Resources

### 25.3.2.1 Formula for Day-Ahead Margin Assurance Payment for Demand Side Resources

Subject to Section 25.5 of this Attachment J, Day-Ahead Margin Assurance Payments for Demand Side resources scheduled to provide Operating Reserves or Regulation Service shall be determined by applying the following equations to each individual Demand Side Resource using the terms as defined in Section 25.3.4, except for  $RPI_{iu}$ , which is defined in Section 25.3.2.2:

$$DMAP_{hu} = \max\left(0, \sum_{i \in h} CDMAP_{iu}\right)$$

where:

$$CDMAP_{iu} = \sum_p CDMAPres_{iup} + CDMAPreg_{iu}$$

If the Demand Side Resource's real-time schedule for a given Operating Reserve product,  $p$ , is lower than its Day-Ahead Operating Reserve schedule for that product then:

$$CDMAPres_{iup} = [(DASres_{hup} - RTSres_{iup}) * (RTPres_{iup} - DABres_{hup})] * RPI_{iu} * \frac{Seconds_i}{3600}$$

If the Demand Side Resource's real-time schedule for a given Operating Reserve product,  $p$ , is greater than or equal to its Day-Ahead Operating Reserve schedule for that product then:

$$CDMAPres_{iup} = [(DASres_{hup} - RTSres_{iup}) * (RTSPres_{iup})] * RPI_{iu} * \frac{Seconds_i}{3600}$$

If the Demand Side Resource's real-time Regulation Service schedule is less than its Day-Ahead Regulation Service schedule then:

$$CDMAPreg_{iu} = [(DASreg_{hu} - RTSreg_{iu}) * (RTPreg_{iu} - DABreg_{hu})] * \frac{Seconds_i}{3600} + [(-1 * RTMreg_{iu}) * \max(0, RTPregm_{iu} - RTBregm_{iu})]$$

If the Demand Side Resource's real-time Regulation Schedule is greater than or equal to the Day-Ahead Regulation Service schedule then:

$$CDMAPreg_{iu} = [(DASreg_{hu} - RTSreg_{iu}) * \max((RTPreg_{iu} - RTBreg_{iu}), 0)] * \frac{Seconds_i}{3600} + [(-1 * RTMreg_{iu}) * \max(0, RTPregm_{iu} - RTBregm_{iu})]$$

#### **25.3.2.2 Reserve Performance Index for Demand Side Resource Suppliers of Operating Reserves**

The ISO shall produce a Reserve Performance Index for purposes of calculating a Day Ahead Margin Assurance Payment for a Demand Side Resource providing Operating Reserves. The Reserve Performance Index shall take account of the actual Demand Reduction achieved by the Supplier of Operating Reserves following the ISO's instruction to convert Operating Reserves to Demand Reduction.

The Reserve Performance Index shall be a factor with a value between 0.0 and 1.0 inclusive. For each interval in which the ISO has not instructed the Demand Side Resource to convert its Operating Reserves to Demand Reduction, the Reserve Performance Index shall have a value of one. For each interval in which the ISO has instructed the Demand Side Resource to convert its Operating Reserves to Demand Reduction the Reserve Performance Index shall be

calculated pursuant to the following formula, provided however when  $UAG_i$  is zero or less, the Reserve Performance Index shall be set to zero:

$$RPI_{iu} = \min[(UAG_i / ADG_i + .1), 1]$$

Where:

$RPI_{iu}$  = Reserve Performance Index in interval  $i$  for Demand Side Resource  $u$ ;

$UAG_i$  = average actual Demand Reduction for interval  $i$ , represented as a positive generation value; and

$ADG_i$  = average scheduled Demand Reduction for interval  $i$ , represented as a positive generation base point.

### **25.3.3 Formula for Day-Ahead Margin Assurance Payments for Limited Energy Storage Resources and Aggregations comprised entirely of Limited Energy Storage Resources**

Day-Ahead Margin Assurance Payments for Limited Energy Storage Resources and Aggregations comprised entirely of Limited Energy Storage Resources (“Aggregation of LESR”) scheduled to provide Regulation Service shall be determined by applying the following equations to each Resource using the terms as defined in Section 25.3.4; *provided, however*, that a Day-Ahead Margin Assurance Payment is payable only for intervals in which the NYISO has reduced the real-time Regulation Service offer (in MWs) of a Limited Energy Storage Resource or an Aggregation of LESR and the NYISO is not pursuing LESR Energy Management for such Resource for such interval, pursuant to ISO Procedures:

If the LESR’s or Aggregation of LESR’s real-time Regulation Service schedule is less than its Day-Ahead Regulation Service schedule and the real-time Regulation Capacity Market Price is greater than the Day-Ahead Regulation Capacity Bid price then:

$$CDMAPreg_{iu} = [(DASreg_{hu} - RTSreg_{iu}) * (RTPreg_{iu} - DABreg_{hu})] * K_p * \frac{Seconds_i}{3600} + [(-1 * RTMreg_{iu}) * \max(0, RTPreg_{iu} - RTBreg_{iu})]$$

If the LESR's or Aggregation of LESR's real-time Regulation Service schedule is less than its Day-Ahead Regulation Service schedule and the real-time Regulation Capacity Market price is less than or equal to the Day-Ahead Regulation Capacity Bid price then:

$$CDMAPreg_{iu} = [(DASreg_{hu} - RTSreg_{iu}) * (RTPreg_{iu} - DABreg_{hu})] * \frac{Seconds_i}{3600} + [(-1 * RTMreg_{iu}) * \max(0, RTPreg_{iu} - RTBreg_{iu})]$$

If the LESR's or Aggregation of LESR's real-time Regulation Service schedule is greater than or equal to the Day-Ahead Regulation Service schedule then:

$$CDMAPreg_{iu} = [(DASreg_{hu} - RTSreg_{iu}) * \max((RTPreg_{iu} - RTBreg_{iu}), 0)] * \frac{Seconds_i}{3600} + [(-1 * RTMreg_{iu}) * \max(0, RTPreg_{iu} - RTBreg_{iu})]$$

#### 25.3.4 Terms Used in this Attachment J

The terms used in the formulas in this Attachment J shall be defined as follows:

$h$  is the hour that includes interval  $i$ ;

$DMAP_{hu}$	=	the Day-Ahead Margin Assurance Payment attributable in any hour $h$ to any Supplier $u$ ;
$CDMAP_{iu}$	=	the contribution of RTD interval $i$ to the Day-Ahead Margin Assurance Payment for Supplier $u$ ;
$CDMAPen_{iu}$	=	the Energy contribution of RTD interval $i$ to the Day-Ahead Margin Assurance Payment for Supplier $u$ ;
$CDMAPreg_{iu}$	=	the Regulation Service contribution of RTD interval $i$ to the Day-Ahead Margin Assurance Payment for Supplier $u$ ;
$CDMAPres_{iup}$	=	the Operating Reserve contribution of RTD interval $i$ to the Day-Ahead Margin Assurance Payment for Supplier $u$ determined separately for each Operating Reserve product $p$ ;
$DASen_{hu}$	=	Day-Ahead Energy schedule for Supplier $u$ in hour $h$ ;
$DASreg_{hu}$	=	Day-Ahead schedule for Regulation Service for Supplier $u$ in hour $h$ ;

$DASres_{hup}$  = Day-Ahead schedule for Operating Reserve product  $p$ , for Supplier  $u$  in hour  $h$ ;  
 $DABen_{hu}$  = Day-Ahead Energy Bid cost for Supplier  $u$  in hour  $h$ , including the Minimum Generation Bid and Incremental Energy Bids;  
 $DABreg_{hu}$  = Day-Ahead Regulation Capacity Bid price for Supplier  $u$  in hour  $h$ ;  
 $DABres_{hup}$  = Day-Ahead Availability Bid for Operating Reserve product  $p$  for Supplier  $u$  in hour  $h$ ;  
 $RTSen_{iu}$  = real-time Energy scheduled for Supplier  $u$  in interval  $i$ , and calculated as the arithmetic average of the 6-second AGC Base Point Signals sent to Supplier  $u$  during the course of interval  $i$ ;  
 $RTSreg_{iu}$  = real-time schedule for Regulation Service for Supplier  $u$  in interval  $i$ .  
 $RTSres_{iup}$  = real-time schedule for Operating Reserve product  $p$  for Supplier  $u$  in interval  $i$ .  
 $RTBreg_{iu}$  = real-time Regulation Capacity Bid price for Supplier  $u$  in interval  $i$ .  
 $RTBen_{iu}$  = real-time Energy Bid cost for Supplier  $u$  in interval  $i$ , including the Minimum Generation Bid and Incremental Energy Bids.  
 $RTBregm_{iu}$  = real-time Regulation Movement Bid price for Supplier  $u$  in interval  $i$ .  
 $RTMreg_{iu}$  = real-time Regulation Movement MWs for Supplier  $u$  in interval  $i$ ;  
 $AE_{iu}$  = either, (1) when  $RTSen_{iu}$  is greater than zero MW, average Energy injections plus average Demand Reductions minus average Energy withdrawals by Supplier  $u$  in interval  $i$  but not more than  $RTSen_{iu}$  plus Compensable Overgeneration; or (2) when  $RTSen_{iu}$  is less than or equal to zero MW, average Energy injections plus average Demand Reductions minus average Energy withdrawals by Supplier  $u$  in interval  $i$ ;

$RTPen_{iu}$  = real-time price of Energy at the location of Supplier  $u$  in interval  $i$ ;  
 $RTPreg_{iu}$  = real-time price of Regulation Capacity at the location of Supplier  $u$  in interval  $i$ ;  
 $RTPres_{iup}$  = real-time price of Operating Reserve product  $p$  at the location of Supplier  $u$  in interval  $i$ ;  
 $RTPregm_{iu}$  = real-time Regulation Movement Market Price at the location of Supplier  $u$  in interval  $i$ ;  
 $LL_{iu}$  = When the Day-Ahead Energy schedule is to inject, given that  $RTSen_{iu} < DASen_{hu}$ , either:  
 (a) if  $RTSen_{iu} < EOP_{iu}$ , then  $LL_{iu} = \max(\min(\max(RTSen_{iu}, \min(AE_{iu}, EOP_{iu})), DASen_{hu}), 0)$ ; or  
 (b) if  $RTSen_{iu} \geq EOP_{iu}$ , then  $LL_{iu} = \max(\min(RTSen_{iu}, \max(AE_{iu}, EOP_{iu})), DASen_{hu}), 0)$

When the Day-Ahead Energy schedule is to withdraw, given that  $RTSen_{iu} > DASen_{hu}$ :

$$LL_{iu} = \min(\max(DASen_{hu}, AE_{iu}, EOP_{iu}), RTSen_{iu}, 0)$$

$UL_{iu}$  = When the Day-Ahead Energy schedule is to inject, or the Day-Ahead Energy schedule is zero MW and the real-time Energy schedule is to inject, given that  $RTSen_{iu} \geq DASen_{hu}$ , either:

(a) if  $RTSen_{iu} \geq EOP_{iu} \geq DASen_{hu}$ , then  $UL_{iu} = \min(RTSen_{iu}, \max(AE_{iu}, EOP_{iu}))$ ; or

(b) otherwise, then  $UL_{iu} = \max(RTSen_{iu}, \min(AE_{iu}, EOP_{iu}))$

When the Day-Ahead Energy schedule is to withdraw, or the Day-Ahead Energy schedule is zero MW and the real-time Energy schedule is to withdraw, given that  $RTSen_{iu} \leq DASen_{hu}$ :

$$UL_{iu} = \min(RTSen_{iu}, \max(AE_{iu}, EOP_{iu}))$$

$EOP_{iu}$  = the Economic Operating Point of Supplier  $u$  in interval  $i$  calculated without regard to ramp rates;

$Seconds_i$  = number of seconds in interval  $i$

$KPI_{pi}$  = the factor derived from the Regulation Service Performance index for Resource  $u$  for interval  $i$  as defined in Rate Schedule 3 of this Services Tariff.

## **25.4 Exception for Generators and Aggregations Lagging Behind RTD Base Point Signals**

If an otherwise eligible Generator's or Aggregation's average Actual Energy Injection in an RTD interval (*i.e.*, its Actual Energy Injections averaged over the RTD interval) is less than or equal to its penalty limit for under-generation value for that interval, as computed below, it shall not be eligible for Day-Ahead Margin Assurance Payments for that interval.

The penalty limit for under-generation value is the tolerance described in Section 15.3A.1 of Rate Schedule 3-A of this ISO Services Tariff, which is used in the calculation of the persistent under-generation charge applicable to Generators and Aggregations that are not providing Regulation Service.



## 25.5 Rules Applicable to Supplier Derates

Suppliers that request and are granted a derate of their real-time Operating Capacity, but that are otherwise eligible to receive Day-Ahead Margin Assurance Payments may receive a payment up to a Capacity level consistent with their revised Emergency Upper Operating Limit or Normal Upper Operating Limit, whichever is applicable. The foregoing rule shall also apply to a Generator or Aggregation otherwise eligible for a Day-Ahead Margin Assurance Payment in hours in which the ISO has derated the Generator's or Aggregation's Operating Capacity in order to reconcile the ISO's dispatch with the Generator's or Aggregation's actual output, or to address reliability concerns that arise because the Generator or Aggregation is not following Base Point Signals. If a Supplier's derated real-time Operating Capacity is lower than the sum of its Day-Ahead Energy, Regulation Services, and Operating Reserve schedules then when the ISO conducts the calculations described in Section 25.3 above, the  $DASen$ ,  $DASeg$  and  $DASres_p$  variables will be reduced by  $REDen$ ,  $REDreg$  and  $REDres_p$  respectively.  $REDen$ ,  $REDreg$  and  $REDres_p$  shall be calculated using the formulas below:

$$REDtot_{iu} = \max\left(DASen_{hu} + DASreg_{hu} + \sum_p DASres_{hup} - RTUOL_{iu}, 0\right)$$

$$POTREDen_{iu} = \max(DASen_{hu} - RTSen_{iu}, 0)$$

$$POTREDreg_{iu} = \max(DASreg_{hu} - RTSreg_{iu}, 0)$$

$$POTREDres_{iup} = \max(DASres_{hup} - RTSres_{iup}, 0)$$

$$REDen_{iu} = \left( POTREDen_{iu} / \left( POTREDen_{iu} + POTREDreg_{iu} + \sum_p POTREDres_{iup} \right) \right) * REDtot_{iu}$$

$$REDreg_{iu} = \left( POTREDreg_{iu} / \left( POTREDen_{iu} + POTREDreg_{iu} + \sum_p POTREDres_{iup} \right) \right) * REDtot_{iu}$$

$$REDres_{iup} = \left( POTREDres_{iup} / \left( POTREDen_{iu} + POTREDreg_{iu} + \sum_p POTREDres_{iup} \right) \right) * REDtot_{iu}$$

where:

$RTUOL_{iu}$	=	The real-time Emergency Upper Operating Limit or Normal Upper Operating Limit whichever is applicable of Supplier $u$ in interval $i$
$REDtot_{iu}$	=	The total amount in MW that Day-Ahead schedules need to be reduced to account for the derate of Supplier $u$ in interval $i$
$REDen_{iu}$	=	The amount in MW that the Day-Ahead Energy schedule is reduced for the purposes of calculating the Day-Ahead Margin Assurance Payment for Supplier $u$ in interval $i$
$REDreg_{iu}$	=	The amount in MW that Supplier $u$ 's Day-Ahead Regulation Service schedule is reduced for the purposes of calculating the Day-Ahead Margin Assurance Payment in interval $i$
$REDres_{iup}$	=	The amount in MW that Supplier $u$ 's Day-Ahead Operating Reserve schedule for Operating Reserves product $p$ is reduced for the purposes of calculating the Day-Ahead Margin Assurance Payment in interval $i$
$POTREDen_{iu}$	=	The potential amount in MW that Supplier $u$ 's Day-Ahead Energy schedule could be reduced for the purposes of calculating the Day-Ahead Margin Assurance Payment for Supplier $u$ in interval $i$
$POTREDreg_{iu}$	=	The potential amount in MW that Supplier $u$ 's Day-Ahead Regulation Service schedule could be reduced for the purposes of calculating the Day-Ahead Margin Assurance Payment for Supplier $u$ in interval $i$
$POTREDres_{iup}$	=	The potential amount in MW that Supplier $u$ 's Day-Ahead Operating Reserve Schedule for Operating Reserve product $p$ could be reduced for the purposes of calculating the Day-Ahead Margin Assurance Payment for Supplier $u$ in interval $i$

All other variables are as defined above.

## **25.6 Import Curtailment Guarantee Payments**

### **25.6.1 Eligibility for an Import Curtailment Guarantee Payment for an Import Curtailed by the ISO**

In the event that the Energy injections for an Import scheduled by RTC or RTD at a Proxy Generator Bus, other than a CTS Enabled Proxy Generator Bus, are Curtailed at the request of the ISO, and (i) the real-time Energy Profile MW is equal to or greater than the Day-Ahead Energy Schedule for that interval, and (ii) the real-time Decremental Bid is less than or equal to the default real-time Decremental Bid amount as established by ISO procedures, then the Supplier or Transmission Customer that is subjected to the Curtailment, in addition to the charge for Energy Imbalance, shall be eligible for an Import Curtailment Guarantee Payment as determined in Section 25.6.2 of this Attachment J. Suppliers scheduling Imports at CTS Enabled Proxy Generator Buses shall not be eligible for Import Curtailment Guarantee payments for those Transactions.

### **25.6.2 Formula for an Import Curtailment Guarantee Payment for a Supplier Whose Import Was Curtailed by the ISO**

A Supplier eligible under Section 25.6.1 of this Attachment J shall receive an Import Curtailment Guarantee Payment for its curtailed Energy injections that is equal to the daily sum of the hourly payments which, for each hour of Import  $t$ , is calculated as the greater of the interval payments determined for the hour or zero as seen in the formula below.

Import Curtailment Guarantee Payment to Supplier  $u$  in association with Import  $t$  =

$$\sum_{h=1}^N \max \left( \sum_{i=1}^H (RTLBP_{ti} - \max(DADecBid_{ti}, 0)) * (DAen_{ti} - RTDen_{ti}) * \frac{S_i}{3600}, 0 \right)$$

Where

$N$  = the number of hours in the Dispatch Day

- $H$  = the number of intervals in hour  $h$
- $i$  = the relevant interval in hour  $h$ ;
- $S_i$  = number of seconds in interval  $i$ ;
- $RTLBP_{t,i}$  = the real-time LBMP, in \$/MWh, for interval  $i$  at the Proxy Generator Bus which is the source of the Import  $t$ .
- $DADecBid_{t,i}$  = the Day Ahead Decremental Bid price associated with the Day-Ahead energy schedule, in \$/MWh, for Import  $t$  in hour  $h$  containing interval  $i$ ;
- $DAen_{t,i}$  = the Day Ahead scheduled Energy injections, in MWh, for Import  $t$  in hour  $h$  containing interval  $i$  as determined by Security Constrained Unit Commitment (SCUC); and
- $RTDen_{t,i}$  = the scheduled Energy injections, in MWh, for Import  $t$  in interval  $i$  as determined by Real-Time Dispatch (RTD).

## **30.4 Market Monitoring Unit**

### **30.4.1 Mission of the Market Monitoring Unit**

The Market Monitoring Unit's goals are (1) to ensure that the markets administered by the ISO function efficiently and appropriately, and (2) to protect both consumers and participants in the markets administered by the ISO by identifying and reporting Market Violations, market design flaws and market power abuses to the Commission in accordance with Sections 30.4.5.3 and 30.4.5.4 below.

### **30.4.2 Retention and Oversight of the Market Monitoring Unit**

The Board shall retain a consulting or other professional services firm, or other similar entity, to advise it on the matters encompassed by Attachment O and to carry out the responsibilities that are assigned to the Market Monitoring Unit in Attachment O. The Market Monitoring Unit selected by the Board shall have experience and expertise appropriate to the analysis of competitive conditions in markets for electric capacity, energy and ancillary services, and financial instruments such as TCCs, and to such other responsibilities as are assigned to the Market Monitoring Unit under Attachment O, and must also have sufficient resources and personnel to be able to perform the Core Functions and other assigned functions.

The Market Monitoring Unit shall be accountable to the non-management members of the Board, and shall serve at the pleasure of the non-management members of the Board.

### **30.4.3 Market Monitoring Unit Ethics Standards**

The Market Monitoring Unit, including all persons employed thereby, shall comply at all times with the ethics standards set forth below. The Market Monitoring Unit ethics standards set forth below shall apply in place of the standards set forth in the ISO's OATT Attachment F Code

of Conduct, and/or the more general policies and standards that apply to consultants retained by the ISO.

30.4.3.1        The Market Monitoring Unit and its employees must have no material affiliation with any Market Party or Affiliate of any Market Party.

30.4.3.2        The Market Monitoring Unit and its employees must not serve as an officer, employee, or partner of a Market Party.

30.4.3.3        The Market Monitoring Unit and its employees must have no material financial interest in any Market Party or Affiliate of a Market Party. Ownership of mutual funds by Market Monitoring Units and their employees that contain investments in Market Parties or their Affiliates is permitted so long as: (a) the fund is publicly traded; (b) the fund's prospectus does not indicate the objective or practice of concentrating its investment in Market Parties or their Affiliates; and (c) the Market Monitoring Unit/Market Monitoring Unit employee does not exercise or have the ability to exercise control over the financial interests held by the fund.

30.4.3.4        The Market Monitoring Unit and its employees are prohibited from engaging in transactions in the markets administered by the ISO, other than in the performance of duties under the ISO's Tariffs. This provision shall not, however, prevent the Market Monitoring Unit, or its employees, from purchasing electricity, power and Energy as retail customers for their own account and consumption.

30.4.3.5        The Market Monitoring Unit and its employees must not be compensated, other than by the ISO, for any expert witness testimony or other commercial

services, in connection with any legal or regulatory proceeding or commercial transaction relating to the ISO or to the markets that the ISO administers.

30.4.3.6 The Market Monitoring Unit and its employees may not accept anything that is of more than *de minimis* value from a Market Party.

30.4.3.7 The Market Monitoring Unit and its employees must advise the Board in the event they seek employment with a Market Party, and must disqualify themselves from participating in any matter that could have an effect on the financial interests of that Market Party until the outcome of the matter is determined.

30.4.3.8 If the Market Monitoring Unit or any of its employees provide services to entities other than the ISO, the Market Monitoring Unit shall provide to the ISO's Board, and shall regularly update, a list of such entities and services. When the Market Monitoring Unit issues an opinion, report or recommendation to, for or addressing the ISO or the markets it administers that relates to, or could reasonably be expected to affect, an entity (other than the ISO) to which the Market Monitoring Unit or its employees provide services, the Market Monitoring Unit shall inform the ISO's Board of the opinion, report or recommendation it has issued, and that its opinion, report or recommendation relates to, or could reasonably be expected to affect, an entity to which the Market Monitoring Unit or its employees provide services.

#### **30.4.4 Duties of the Market Monitoring Unit**

The Market Monitoring Unit shall advise the Board, shall perform the Core Functions specified in Section 30.4.5 of Attachment O, and shall have such other duties and responsibilities

as are specified in Attachment O. The Market Monitoring Unit may, at any time, bring any matter to the attention of the Board that the Market Monitoring Unit may deem necessary or appropriate for achieving the purposes, objectives and effective implementation of Attachment O.

The Market Monitoring Unit shall not participate in the administration of the ISO's Tariffs, except for performing its duties under Attachment O. The Market Monitoring Unit shall not be responsible for performing purely administrative duties, such as enforcement of late fees or Market Party reporting obligations, that are not specified in Attachment O. The Market Monitoring Unit may (i) provide, or assist the ISO's efforts to develop, the inputs required to conduct mitigation, and (ii) assist the ISO's efforts to conduct "retrospective" mitigation (*see* Order 719 at PP. 369, 375) that does not change bids or offers (including physical bid or offer parameters) at or before the time such bids or offers (including physical bid or offer parameters) are considered in the ISO's market solution.

#### **30.4.5 Core Market Monitoring Functions**

The Market Monitoring Unit shall be responsible for performing the following Core Functions:

- 30.4.5.1 Evaluate existing and proposed market rules, tariff provisions and market design elements and recommend proposed rule and tariff changes to the ISO, to the Commission's Office of Energy Market Regulation staff, and to other interested entities, including the New York Public Service Commission, and participants in the ISO's stakeholder governance process. Provided that:
  - 30.4.5.1.1 The Market Monitoring Unit is not responsible for systematic review of every tariff and market rule; its role is monitoring, not audit.



30.4.5.1.2 The Market Monitoring Unit is not to effectuate its proposed market design itself.

30.4.5.1.3 The Market Monitoring Unit's role in recommending proposed rule and Tariff changes is advisory in nature, unless a Tariff provision specifically concerns actions to be undertaken by the Market Monitoring Unit itself.

30.4.5.1.4 The Market Monitoring Unit must limit distribution of issues or concerns it identifies, and its recommendations to the ISO and to Commission staff in the event it believes broader dissemination could lead to exploitation. Limited distributions should include an explanation of why further dissemination should be avoided at that time.

30.4.5.2 Review and report on the performance of the wholesale markets to the ISO, the Commission, and other interested entities such as the New York Public Service Commission and participants in its stakeholder governance process on at least a quarterly basis, and issue a more comprehensive annual state of the market report. The Market Monitoring Unit may issue additional reports as necessary.

30.4.5.2.1 In order to perform the Core Functions, the Market Monitoring Unit shall perform daily monitoring of the markets that the ISO administers. The Market Monitoring Unit's daily monitoring shall include monitoring of virtual bidding.

30.4.5.2.2 The Market Monitoring Unit shall submit drafts of each of its reports to the ISO for review and comment sufficiently in advance of the report's issuance to provide an effective opportunity for review and comment by the ISO. The Market Monitoring Unit may disregard any suggestions with which it disagrees. The ISO may not alter the reports prepared by the Market Monitoring Unit, nor

dictate the Market Monitoring Unit's conclusions.

30.4.5.3 Identify and notify the Commission staff of instances in which a Market Party's or the ISO's behavior may require investigation, including, but not limited to, suspected Market Violations.

30.4.5.3.1 Except as provided in Section 30.4.5.3.2 below, in compliance with § 35.28(g)(3)(iv) of the Commission's regulations (or any successor provisions thereto) the Market Monitoring Unit shall submit a non-public referral to the Commission in all instances where it has obtained sufficient credible information to believe a Market Violation has occurred. Once the Market Monitoring Unit has obtained sufficient credible information to warrant referral to the Commission, the Market Monitoring Unit shall immediately refer the matter to the Commission and desist from further investigation of independent action related to the alleged Market Violation, except at the express direction of the Commission or Commission staff. The Market Monitoring Unit may continue to monitor for repeated instances of the reported activity by the same or other entities and shall respond to requests from the Commission for additional information in connection with the alleged Market Violation it has referred.

30.4.5.3.2 The Market Monitoring Unit is not required to refer the actions (or failures to act) listed in this Section 30.4.5.3.2 to the Commission as Market Violations, because they have: (i) already been reported by the ISO as a Market Problem under Section 3.5.1 of the ISO Services Tariff; and/or (ii) because they pertain to actions or failures that: (a) are expressly set forth in the ISO's Tariffs; (b) involve objectively identifiable behavior; and (c) trigger a sanction or other consequence

that is expressly set forth in the ISO Tariffs and that is ultimately appealable to the Commission. The actions (or failures to act) that are exempt from mandatory referral to the Commission are:

30.4.5.3.2.1 failure to meet a Contract or Non-Contract CRIS MW Commitment

pursuant to Sections ~~40.13.11.1.1~~~~25.7.11.1.1~~ and ~~40.13.11.1.2~~~~25.7.11.1.2~~ of Attachment ~~HHS~~ to the ISO OATT that results in a charge or other a sanction under Section ~~40.13.11.1.3~~~~25.7.11.1.3~~ of Attachment ~~HHS~~ of the ISO OATT;

30.4.5.3.2.2 Black Start performance that results in reduction or forfeitures of payments under Rate Schedule 5 to the ISO Services Tariff;

30.4.5.3.2.3 any failure by the ISO to meet the deadlines for completing System Impact Studies, or any failure by a Transmission Owner to meet the deadlines for completing Facilities Studies, under Sections 3.7 and 4.5 of the ISO OATT that results in the filing of a notice and/or the imposition of sanctions under those provisions;

30.4.5.3.2.4 failure of a Market Party to comply with the ISO's creditworthiness requirements set forth in Attachment K of the ISO Services tariff, or other action, that triggers sanctions under Section 7.5 of the ISO Services Tariff or Section 2.7.5 of the ISO OATT, specifically: (i) failure of a Market Party to make timely payment under Section 7.2.2 of the ISO Services Tariff or Section 2.7.3.2 of the ISO OATT that triggers a sanction under Sections 7.5.3(i) or 7.5.3(iv) of the ISO Services Tariff, or Sections 2.7.5.3(i), 2.7.5.3(iv), or 2.7.5.4 of the ISO OATT; (ii) failure of a Market Party to comply with a demand for additional credit support under Section 26.6 of Attachment K of the ISO Services Tariff that triggers a

sanction under Section 7.5.3(i) of the ISO Services Tariff or Section 2.7.5.3(i) of the ISO OATT; (iii) failure of a Market Party to cure a default in another ISO/RTO market under Sections 7.5.3(iii) of the ISO Services Tariff, or Section 2.7.5.3(iii) of the ISO OATT that triggers a sanction under either of those tariff provisions; (iv) failure of a Market Party that has entered into a Prepayment Agreement with the ISO under Appendix K-1 to Attachment K to the ISO Services Tariff to make payment in accordance with the terms of the Prepayment Agreement that triggers a sanction under the Prepayment Agreement or 7.5.3(i) of the ISO Services Tariff; and (v) failure of a Market Party to make timely payment on two occasions within a rolling twelve month period under Section 7.5.3(iv) of the ISO Services Tariff, or Section 2.7.5.3(iv) of the ISO OATT that triggers a sanction under either of those provisions.

30.4.5.3.2.5 bidding in a manner that results in a penalty under Section 23.4.3.3.4 of the Market Mitigation Measures.

30.4.5.3.2.6 submission of inaccurate fuel type information into the Day-Ahead Market that results in a penalty under Section 23.4.3.3.3 of the Market Mitigation Measures.

30.4.5.3.2.7 submission of inaccurate fuel type and/or fuel price information into the Real-Time Market that results in a penalty under Section 23.4.3.3.4 of the Market Mitigation Measures.

To the extent the above list enumerates specific Tariff provisions, the exclusions specified above shall also apply to re-numbered and/or successor provisions thereto. The Market Monitoring Unit is not precluded from referring any of the activities listed above to the

Commission.

30.4.5.4 Identify and notify the Commission staff of perceived market design flaws that could be effectively remedied by rule or tariff changes.

30.4.5.4.1 In compliance with § 35.28(g)(3)(v) of the Commission's regulations (or any successor provisions thereto) the Market Monitoring Unit shall submit a referral to the Commission when the Market Monitoring Unit has reason to believe that a market design flaw exists, that the Market Monitoring Unit believes could effectively be remedied by rule or tariff changes.

30.4.5.4.1.1 If the Market Monitoring Unit believes broader dissemination of the possible market design flaw, and its recommendation could lead to exploitation, the Market Monitoring Unit shall limit distribution of its referral to the ISO and to the Commission. The referral shall explain why further dissemination should be avoided.

30.4.5.4.1.2 Following referral of a possible market design flaw, the Market Monitoring Unit shall continue to provide to the Commission additional information regarding the perceived market design flaw, its effects on the market, any additional or modified observations concerning the Market Monitoring Unit's proposed market rule or tariff change, any recommendations made by the Market Monitoring Unit to the ISO, its stakeholders, Market Parties or state public service commissions regarding the perceived market design flaw, and any actions taken by the ISO regarding the perceived market design flaw.

### **30.4.6 Market Monitoring Unit Responsibilities Set Forth Elsewhere in the ISO's Tariffs**

#### **30.4.6.1 Supremacy of (Attachment O)**

Provisions addressing the Market Monitoring Unit, its responsibilities and its authority, have been centralized in Attachment O. However, provisions that address the Market Monitoring Unit can also be found in the Market Mitigation Measures that are set forth in Attachment H to the ISO Services Tariff, and elsewhere in the ISO's Tariffs. In the event of any inconsistency between the provisions of Attachment O and any other provision of the ISO OATT, the ISO Services Tariff, or any of their attachments and schedules, with regard to the Market Monitoring Unit, its responsibilities and its authority, the provisions of Attachment O shall control.

#### **30.4.6.2 Market Monitoring Unit responsibilities set forth in the Market Mitigation Measures**

30.4.6.2.1 The ISO and its Market Monitoring Unit shall monitor the markets the ISO administers for conduct that the ISO or the Market Monitoring Unit determine constitutes an abuse of market power but that does not trigger the thresholds specified in the Market Mitigation Measures for the imposition of mitigation measures by the ISO. If the ISO identifies or is made aware of any such conduct, and in particular conduct exceeding the thresholds for presumptive market effects specified in Section 23.3.2.3 of the Market Mitigation Measures, it shall make a filing under § 205 of the Federal Power Act, 16 U.S.C. § 824d (1999) ("§ 205") with the Commission requesting authorization to apply appropriate mitigation measures. Any such filing shall identify the particular conduct the ISO believes warrants mitigation, shall propose a specific mitigation

measure for the conduct, shall incorporate or address the recommendation of its Market Monitoring Unit, and shall set forth the ISO's justification for imposing that mitigation measure. The Market Monitoring Unit's reporting obligations are specified in Sections 30.4.5.3 and 30.4.5.4 of Attachment O. *See* Market Mitigation Measures Section 23.1.2.

30.4.6.2.2 The ISO and the Market Monitoring Unit shall monitor the ISO Administered Markets for other categories of conduct, whether by a single firm or by multiple firms acting in concert, that have material effects on prices or guarantee payments in an ISO Administered Market. *See* Market Mitigation Measures Section 23.2.4.4.

30.4.6.2.3 If (i) the ISO determines, following consultation with the Market Party and review by the Market Monitoring Unit, that the Market Party or its representative has, over a time period of at least one week, submitted inaccurate fuel type or fuel price information that was, taken as a whole, biased in the Market Party's favor, *then* the ISO shall cease using the fuel type and fuel price information submitted to the ISO's Market Information System along with the Generator's or the Aggregation's Bid(s) to develop reference levels for the affected Generator(s) or Aggregation(s) in the relevant (Day-Ahead or real-time) market for the durations specified in Sections 23.3.1.4.6.9.1, 23.3.1.4.6.9.2, and 23.3.1.4.6.9.3 of the Mitigation Measures. *See* Section 23.3.1.4.6.9 of the Market Mitigation Measures

30.4.6.2.4 When it has the capability to do so, the ISO shall determine the effect on prices or guarantee payments of questioned conduct through the use of sensitivity

analyses performed using the ISO's SCUC, RTC and RTD computer models, and such other computer modeling or analytic methods as the ISO shall deem appropriate following consultation with its Market Monitoring Unit. *See* Market Mitigation Measures Section 23.3.2.2.1.

30.4.6.2.5 Pending development of the capability to use automated market models, the ISO, following consultation with its Market Monitoring Unit, shall determine the effect on prices or guarantee payments of questioned conduct using the best available data and such models and methods as they shall deem appropriate. *See* Market Mitigation Measures Section 23.3.2.2.2.

30.4.6.2.6 If through the application of an appropriate index or screen or other monitoring of market conditions, conduct is identified that (i) exceeds an applicable threshold, and (ii) has a material effect, as specified above, on one or more prices or guarantee payments in an ISO Administered Market, the ISO shall, as and to the extent specified in Attachment O or in Section 23.3.3.2 of the Market Mitigation Measures, contact the Market Party engaging in the identified conduct to request an explanation of the conduct. If a Market Party anticipates submitting bids in a market administered by the ISO that will exceed the thresholds specified in Section 23.3.1 of the Market Mitigation Measures for identifying conduct inconsistent with competition, the Market Party may contact the ISO to provide an explanation of any legitimate basis for any such changes in the Market Party's bids. If a Market Party's explanation of the reasons for its bidding indicates to the satisfaction of the ISO that the questioned conduct is consistent with competitive behavior, no further action will be taken. Market



Parties shall ensure that the information they submit to the ISO, including but not limited to fuel price, fuel type and opportunity cost information, is accurate.

Except as set forth in Section 23.3.1.4.6.8 of the Market Mitigation Measures, the ISO may not retroactively revise a reference level to reflect additional fuel costs if a Market Party or its representative did not timely submit accurate fuel cost information. Except as set forth in Section 23.3.1.4.8.9 of the Market Mitigation Measures, the ISO may not retroactively revise a reference level to reflect accurate opportunity costs if a Market Party or its representative did not timely submit accurate opportunity cost information. Unsupported speculation by a Market Party does not present a valid basis for the ISO to determine that Bids that a Market Party submitted are consistent with competitive behavior, or to determine that submitted costs are appropriate for inclusion in the ISO's development of reference levels. Consistent with Sections 30.6.2.2 and 30.6.3.2 of the Plan, the Market Party shall retain the documents and information supporting its Bids and the costs it proposes to include in reference levels. A preliminary determination by the ISO shall be provided to the Market Monitoring Unit for its review and comment, and the ISO shall consider the Market Monitoring Unit's recommendations before the ISO issues its decision or determination to the Market Party. Upon request, the ISO shall consult with a Market Party or its representative with respect to the information and analysis used to determine reference levels under Section 23.3.1.4 of the Market Mitigation Measures for that Market Party's Generator(s) or Aggregation(s). If cost data or other information submitted by a Market Party indicates to the

satisfaction of the ISO that the reference levels for that Market Party's Generator(s) or Aggregation(s) should be changed, revised reference levels shall be proposed by the ISO, communicated to the Market Monitoring Unit for its review and comment and, following the ISO's consideration of any recommendation that the Market Monitoring Unit is able to timely provide, communicated to the Market Party, and implemented by the ISO as soon as practicable. Changes to reference levels addressed pursuant to the terms of Section 23.3.3.1.4 of the Market Mitigation Measures shall be implemented on a going-forward basis commencing no earlier than the date that the Market Party's consultation request is received. *See* Market Mitigation Measures Sections 23.3.3.1.1 through 23.3.3.1.5.

30.4.6.2.7 With regard to a Market Party's request for consultation that satisfies the requirements of Sections 23.3.3.1.4 and 23.3.3.1.7 of the Market Mitigation Measures, and consistent with the duties assigned to the ISO in Section 23.3.3.1.7.1 of the Market Mitigation Measures, a preliminary determination by the ISO regarding the Market Party's consultation request shall be provided to the Market Monitoring Unit for its review and the ISO shall consider the Market Monitoring Unit's recommendations in reaching its decision. *See* Market Mitigation Measures Section 23.3.3.1.7.1 and 23.3.3.1.7.2.

30.4.6.2.8 Review pursuant to Market Mitigation Measures Section 23.4.5.4.3

(a) Reasonably in advance of the deadline for submitting offers in an External Reconfiguration Market and in accordance with the deadlines specified in ISO Procedures, the Responsible Market Party for External Sale UCAP may request

the ISO to provide a projection of ICAP Spot Auction clearing prices for a Mitigated Capacity Zone over the Comparison Period for the External Reconfiguration Market. Prior to completing its projection of ICAP Spot Auction clearing prices for a Mitigated Capacity Zone over the Comparison Period for the External Reconfiguration Market, the ISO shall consult with the Market Monitoring Unit regarding such price projection. *See* Market Mitigation Measures Section 23.4.5.4.3(a).

- (b) At least fifteen Business Days in advance of the opening of the ICAP Spot Market Auction, the Responsible Market Party for a Behind-the-Meter Net Generation Resource may request the ISO to make a determination regarding physical withholding that the sale of Net Unforced Capacity in a Mitigated Capacity Zone to its Host Load does not constitute physical withholding. Prior to reaching its decision on such a request, the ISO shall provide its preliminary determination to the Market Monitoring Unit for review and comment. *See* Market Mitigation Measures Section 23.4.5.4.3(b).

30.4.6.2.9 Prior to reaching its decision regarding whether the presumption of control of Unforced Capacity has been rebutted, the ISO shall provide its preliminary determination to the Market Monitoring Unit for review and comment. *See* Market Mitigation Measures Section 23.4.5.5.

30.4.6.2.10 Any proposal or decision by a Market Participant to retire or otherwise remove an Installed Capacity Supplier from a Mitigated Capacity Zone Unforced Capacity market, or to de-rate the amount of Installed Capacity available from such supplier, may be subject to audit and review by the ISO if the ISO

determines that such action could reasonably be expected to affect Market-Clearing Prices in one or more ICAP Spot Market Auctions for a Mitigated Capacity Zone subsequent to such action; provided, however, no audit and review shall be necessary if the Installed Capacity Supplier is a Generator that is being retired or removed from a Mitigated Capacity Zone as the result of a Forced Outage that began on or after the effective date of the amendments to Section 23.4.5.6.1 of this Services Tariff that was determined by the ISO to be a Catastrophic Failure.

The ISO's audit or review of any proposal or decision by a Market Participant to retire or otherwise remove an Installed Capacity Supplier from a Mitigated Capacity Zone Unforced Capacity market, or to de-rate the amount of Installed Capacity available from such supplier (including a review the ISO conducts at the request of a Market Participant before it submits a proposal or makes a decision or a review the NYISO conducts in conjunction with the Short-Term Reliability Process), will consider the rationale offered by the Market Participant to support its proposal or decision. Such an audit or review shall assess whether the Market Participant's proposal or decision has a legitimate economic justification, which may include the economics of complying with regulatory requirements, or is based on an effort to withhold Installed Capacity physically in order to affect prices. The ISO's audit or review is conducted based on the expectation that a Market Participant's decision to retire or otherwise remove an Installed Capacity Supplier from a Mitigated Capacity Zone, or to de-rate the amount of Installed Capacity available from such supplier, accounts for

the information available to that Market Participant at (or before) the time its decision is made on the “decision date” (*see, e.g.*, Sections 23.4.5.6.4.2.1 and 23.4.5.6.4.2.2.1 of this Services Tariff) specified by the Market Participant. A Market Participant may offer publicly available information and other information available to the Market Participant to support its proposal or decision.

The ISO shall provide the preliminary results of its audit or review to the Market Monitoring Unit for its review and comment. *See* Market Mitigation Measures Section 23.4.5.6.

30.4.6.2.11 Any reclassification of a an Installed Capacity Supplier that is a Generator in a Mitigated Capacity Zone from a Forced Outage that began on or after the effective date of Section 23.4.5.6.2 of this Services Tariff to an ICAP Ineligible Forced Outage by a Market Participant or otherwise, pursuant to the terms of Section 5.18.2.1 of this Services Tariff, may be subject to audit and review by the ISO if the ISO determines that such reclassification could reasonably be expected to affect the Market-Clearing Price in one or more ICAP Spot Market Auctions for a Mitigated Capacity Zone in which the Generator(s) that is the subject of the reclassification is located, subsequent to such action; provided, however, if the Market Participant’s Generator experienced the Forced Outage as a result of a Catastrophic Failure, the reclassification of a Generator in a Mitigated Capacity Zone from a Forced Outage to an ICAP Ineligible Forced Outage shall not be subject to audit and review pursuant to Section 23.4.5.6.2 of this Services Tariff.

The audit and review pursuant to the above paragraph shall assess whether the reclassification of the Generator in a Mitigated Capacity Zone

from a Forced Outage to an ICAP Ineligible Forced Outage had a legitimate economic justification or is based on an effort to withhold Installed Capacity physically in order to affect prices. A Market Participant may offer publicly available information and other information available to the Market Participant to justify the reclassification.

The ISO shall provide the preliminary results of its audit or review to the Market Monitoring Unit for its review and comment.

The audit and review pursuant to Section 23.4.5.6.2.1 of this Services Tariff shall be deferred by the ISO beyond the time period established in ISO Procedures for the audit and review until the ISO's receipt of data pursuant to Section 23.4.5.6.2.2 if the Generator was in a Forced Outage for at least 180 days before the reclassification and one or more Exceptional Circumstances delayed the acquisition of data necessary for the ISO's audit and review. If, at the time the ISO acquires the necessary data, the Market Participant has Commenced Repair of the Generator, or the Generator is determined by the ISO to have had a Catastrophic Failure, the Market Participant shall not be subject to an audit and review pursuant to Section 23.4.5.6.2.1 of this Services Tariff. The ISO shall provide the preliminary results of its audit or review to the Market Monitoring Unit for its review and comment.

30.4.6.2.12 The ISO shall consult with the Market Monitoring Unit when it is determining pursuant to Section 23.4.5.6.4.2.2 of this Services Tariff whether there is a point in the process of deactivating a Generator after which the deactivation process will become, essentially and practicably, irreversible.

30.4.6.2.13 When evaluating an Examined Facility or NCZ Examined Project pursuant to Section 23.4.5.7 of the Market Mitigation Measures, the ISO shall seek comment from the Market Monitoring Unit on matters relating to the determination of price projections, cost calculations, and the methodology the ISO will use to project net Energy and Ancillary Services for each UDR project, and the inputs used to perform the calculation the ISO's draft list of recommended Exempt Renewable Technologies and the basis for the recommendation; requests pursuant to Section 23.4.5.7.14.1.2(e)(C) regarding whether a "contract" (as defined in Section 23.4.5.7.14.2(e) would make it ineligible to obtain or (if previously granted) retain a Self Supply Exemption. As required by Section 23.4.5.7 of Attachment H to this Services Tariff, the Market Monitoring Unit shall prepare a written report discussing factors that affect the ISO's mitigation exemption and Offer Floor determinations, and confirming whether the ISO's Offer Floor and exemption determinations and calculations conducted pursuant to Sections 23.4.5.7.2 and 23.4.5.7.6, the NYISO's determination of eligible or ineligible for an exemption pursuant to Section 23.4.5.7.9, 23.4.5.7.13, and 23.4.5.7.14 were conducted in accordance with the terms of the Services Tariff, and if not, identifying the flaws inherent in the ISO's approach. This report shall be presented concurrent with the ISO's posting of its mitigation exemption and Offer Floor determinations. Pursuant to Section 23.4.5.7.8 of the Market Mitigation Measures, the ISO shall also consult with the Market Monitoring Unit when evaluating whether any existing or proposed Generator or UDR project in a Mitigated Capacity Zone, except New York City, has Commenced Construction,

and determinations of whether it shall be exempted from an Offer Floor under that Section. Prior to the ISO making an exemption determination pursuant to Section 23.4.5.7.8, the Market Monitoring Unit shall provide the ISO a written opinion and recommendation. The Market Monitoring Unit shall also provide a public report on its assessment of an ISO determination that an existing or proposed Generator or UDR project is exempt from an Offer Floor under Section 23.4.5.7.8. *See* Market Mitigation Measures Section 23.4.5.7.

30.4.6.2.14 RMR Generator Energy and Ancillary Service Market Participation Rules.

If a new operating constraint arises while a Generator that is required to comply with the bidding requirements in Section 30.6 of the ISO Services Tariff is an Interim Service Provider that prevents the Market Party from offering all or a portion of the Generator's capability via an ISO-committed flexible Bid, the Market Party shall promptly inform the ISO of the change, shall provide all documentation requested by the ISO or by the Market Monitoring Unit, and shall permit the ISO and/or the Market Monitoring Unit to inspect the affected Generator (including all requested plant records) on five days prior notice. *See* Market Mitigation Measures Section 23.6.1.1.3.

The ISO, in consultation with the Market Monitoring Unit, may review and update an Interim Service Provider's reference levels. The Generator Owner may propose updates to its Interim Service Provider's reference levels. The ISO shall make the ultimate determination with regard to each reference level. *See* Market Mitigation Measures Section 23.6.2.2.

In advance of the execution of an RMR Agreement, the ISO, in



consultation with the Market Monitoring Unit and the Generator Owner, shall review and update the reference levels for each affected Generator. The ISO shall make the ultimate determination with regard to each reference level. *See* Market Mitigation Measures Section 23.6.2.3.

If a possible RMR Generator or Interim Service Provider faces operational constraints the ISO, in consultation with the Market Monitoring Unit and the Generator Owner, will develop reference levels that will permit the Generator to operate consistent with the identified constraints, while ensuring that the Generator will be available (a) to resolve the Reliability Need the Generator is being retained to address, and (b) for economic commitment when appropriate. *See* Market Mitigation Measures Section 23.6.2.3.1.

If a physical change to the RMR Generator occurs that alters the RMR Generator's capabilities (*e.g.*, damage to the generator or Capital Expenditures that alter an RMR Generator's capabilities), then the ISO shall determine revised reference levels in consultation with the Market Monitoring Unit and the Generator Owner. *See* Market Mitigation Measures Section 23.6.2.4.4.

The ISO and the Generator Owner, in consultation with the Market Monitoring Unit, may mutually agree to a reference level change that they expect will better reflect an RMR Generator's actual operating characteristics or variable costs. *See* Market Mitigation Measures Section 23.6.2.4.5.

### **30.4.6.3 Market Monitoring Unit responsibilities set forth in the ISO Services Tariff**

30.4.6.3.1 The ICAP Demand Curve periodic review schedule and procedures shall provide an opportunity for the Market Monitoring Unit to review and comment on

the draft request for proposals, the independent consultant's report, and the ISO's proposed ICAP Demand Curves. *See* ISO Services Tariff Sections 5.14.1.2.1.5 and 5.14.1.2.2.4.5.

30.4.6.3.2 The new capacity zone periodic review shall provide an opportunity for the Market Monitoring Unit to review and comment on the NCZ Study, and any proposed NCZ tariff revisions. *See* ISO Services Tariff Sections 5.16.1.3 and 5.16.4.

30.4.6.3.3 The capacity value study periodic review shall provide an opportunity for the Market Monitoring Unit to review and comment on the draft request for the proposals, the consultant's report, and the ISO's proposed Energy Duration Limitations and the associated Duration Adjustment Factors, and Peak Load Windows for Resources with Energy Duration Limitations. *See* ISO Services Tariff Section 5.12.14.3, Periodic Review of Capacity Value Study.

**30.4.6.4 Market Monitoring Unit responsibilities set forth in the Rate Schedules to the ISO Services Tariff.**

**30.4.6.4.1 Responsibilities related to the Regulation Service Demand Curve**

In order to respond to operational or reliability problems that arise in real-time, the ISO may procure Regulation Service at a quantity and/or price point different than those specified in Section 15.3.7 of Rate Schedule 3 to the ISO Services Tariff. The ISO shall post a notice of any such purchase as soon as reasonably possible and shall report on the reasons for such purchases at the next meeting of its Business Issues Committee. The ISO shall also immediately initiate an investigation to determine whether it is necessary to modify the quantity and price points specified above to avoid future operational or reliability problems. The ISO will consult with its Market Monitoring Unit when it conducts this investigation.

If the ISO determines that it is necessary to modify the quantity and/or price points specified above in order to avoid future operational or reliability problems it may temporarily modify them for a period of up to 90 days. If circumstances reasonably allow, the ISO will consult with its Market Monitoring Unit, the Business Issues Committee, the Commission, and the PSC before implementing any such modification. In all circumstances, the ISO will consult with those entities as soon as reasonably possible after implementing a temporary modification.

After the first year the Regulation Service Demand Curve is in place, the ISO shall perform periodic reviews, subject to the scope requirement specified in Section 15.3.7 of Rate Schedule 3 to the ISO Services Tariff, and the Market Monitoring Unit shall be given the opportunity to review and comment on the ISO's periodic reviews of the Regulation Service Demand Curve. *See* Section 15.3.7 of Rate Schedule 3 to the ISO Services Tariff.

#### **30.4.6.4.2 Responsibilities related to the Operating Reserves Demand Curves and Scarcity Reserve Demand Curve**

In order to respond to operational or reliability problems that arise in real-time, the ISO may procure any Operating Reserve product at a quantity and/or price point different than those specified in Section 15.4.7 of Rate Schedule 4 to the ISO Services Tariff. The ISO shall post a notice of any such purchase as soon as reasonably possible and shall report on the reasons for such purchases at the next meeting of its Business Issues Committee. The ISO shall also immediately initiate an investigation to determine whether it is necessary to modify the quantity and price points specified above to avoid future operational or reliability problems. The ISO will consult with its Market Monitoring Unit when it conducts this investigation.

If the ISO determines that it is necessary to modify the quantity and/or price points specified in Section 15.4.7 of Rate Schedule 4 to the ISO Services Tariff in order to avoid future operational or reliability problems it may temporarily modify them for a period of up to 90 days.

If circumstances reasonably allow, the ISO will consult with its Market Monitoring Unit, the Business Issues Committee, the Commission, and the PSC before implementing any such modification. In all circumstances, the ISO will consult with those entities as soon as reasonably possible after implementing a temporary modification.

After the first year the Operating Reserves Demand Curves are in place, the ISO shall perform periodic reviews, subject to the scope requirement specified in Section 15.4.7 of Rate Schedule 4 to the ISO Services Tariff, and the Market Monitoring Unit shall be given the opportunity to review and comment on the ISO's periodic reviews of the Operating Reserve Demand Curves and Scarcity Reserve Demand Curve. *See* Section 15.4.7 of Rate Schedule 4 to the ISO Services Tariff.

**30.4.6.5 Market Monitoring Unit responsibilities set forth in the Attachments to the ISO Services Tariff (other than the Market Mitigation Measures).**

**30.4.6.5.1 Responsibilities related to Transmission Shortage Cost**

The ISO may periodically evaluate the Transmission Shortage Cost to determine whether it is necessary to modify the Transmission Shortage Cost to avoid future operational or reliability problems. The ISO will consult with its Market Monitoring Unit after it conducts this evaluation.

If the ISO determines that it is necessary to modify the Transmission Shortage Cost in order to avoid future operational or reliability problems the resolution of which would otherwise require recurring operator intervention outside normal market scheduling procedures, in order to avoid among other reliability issues, a violation of NERC Interconnection Reliability Operating Limits or System Operating Limits, it may temporarily modify it for a period of up to 90 days, provided however the ISO shall file such change with the Commission pursuant to § 205 of the Federal Power Act within 45 days of such modification. If circumstances reasonably allow, the

ISO will consult with its Market Monitoring Unit, the Business Issues Committee, the Commission, and the PSC before implementing any such modification. In all circumstances, the ISO will consult with those entities as soon as reasonably possible after implementing a temporary modification and shall explain the reasons for the change. *See* Section 17.1.4 of Attachment B to the ISO Services Tariff.

**30.4.6.6 Market Monitoring Unit responsibilities set forth in the ISO OATT**

**30.4.6.7 Market Monitoring Unit responsibilities set forth in the Rate Schedules to the ISO OATT**

**30.4.6.8 Market Monitoring Unit responsibilities set forth in the Attachments to the ISO OATT**

**30.4.6.8.1 Responsibilities related to implementing new scheduling path prohibitions**

If the ISO, acting in consultation with its Market Monitoring Unit, identifies transmission scheduling paths that are being used to schedule External Transactions in a manner that is not consistent with the manner in which power is actually expected to flow, the ISO may submit a compliance filing in FERC Docket No. ER13-780 proposing to expand the list of prohibited scheduling paths included in Section 16.3.3.8 of the ISO OATT. The ISO's compliance filing will include, or be accompanied by, a discussion of the Market Monitoring Unit's position regarding the ISO's proposal to add a new prohibited scheduling path or new prohibited scheduling paths. The Market Monitoring Unit's position may be explained in the ISO's filing letter, be set forth in an accompanying affidavit, or be submitted by the Market Monitoring Unit as a companion filing or as comments on the ISO's compliance filing in Docket No. ER13-780. *See* Section 16.3.3.8 of Attachment J to the ISO OATT.

#### **30.4.6.8.2 Responsibilities related to the draft Reliability Needs Assessment**

Following the Management Committee vote, the draft Reliability Needs Assessment (RNA), with working group, Operating Committee, and Management Committee input, will be forwarded to the ISO Board for review and action. Concurrently, the draft RNA will be provided to the Market Monitoring Unit for its review and consideration of whether market rules changes are necessary to address an identified failure, if any, in one of the ISO's competitive markets. *See* Section 31.2.3.2 of Attachment Y to the ISO OATT.

#### **30.4.6.8.3 Responsibilities related to the draft Comprehensive Reliability Plan**

Following the Management Committee vote, the draft Comprehensive Reliability Plan (CRP), with working group, Operating Committee, and Management Committee input, will be forwarded to the ISO Board for review and action. Concurrently, the draft CRP will also be provided to the Market Monitoring Unit for its review and consideration of whether market rule changes are necessary to address an identified failure, if any, in one of the ISO's competitive markets. *See* Section 31.2.7.2 of Attachment Y to the ISO OATT.

#### **30.4.6.8.4 Responsibilities related to the draft System & Resource Outlook**

Following the Management Committee vote, the draft System & Resource Outlook, with Business Issues Committee and Management Committee input, will be forwarded to the ISO Board for review and action. Concurrently, the draft System & Resource Outlook will be provided to the Market Monitoring Unit for its review and consideration. *See* Section 31.3.1.8.2 of Attachment Y to the ISO OATT.

#### **30.4.6.8.5 Responsibilities related to the draft Public Policy Transmission Planning Report**

The ISO will provide the draft Public Policy Transmission Planning Report to the Market

Monitoring Unit for its review and consideration of any impact on the ISO-administered markets of regulated transmission solutions proposed to satisfy a Public Policy Transmission Need. *See* Sections 31.4.9 and 31.4.10.1 of Attachment Y to the ISO OATT. The Market Monitoring Unit's evaluation will be provided to the Management Committee before the Management Committee's advisory vote. *See* Section 31.4.10.1 of Attachment Y. Following the Management Committee vote, the draft Public Policy Transmission Planning Report, with Business Issues Committee and Management Committee input, will be forwarded to the ISO Board for review and action. Concurrent with the submission to the ISO Board of the draft Public Policy Transmission Planning Report, the Market Monitoring Unit's evaluation will be provided to the ISO Board. *See* Section 31.4.7 of Attachment Y to the ISO OATT.

#### **30.4.6.8.6 Responsibilities Related to Market Monitoring Unit Review of Reliability Must Run Costs and RMR Avoidable Cost Determinations**

The ISO shall seek comments from the Market Monitoring Unit on matters relating to the inputs and the calculations the ISO performed pursuant to Section 38.8 of Attachment FF of the ISO OATT. *See* Section 38.8.2 of Attachment FF of the ISO OATT.

The ISO shall seek comments from the Market Monitoring Unit on its review of Proposed Additional Costs and its determinations of Substantiated Additional Costs under Section 38.16 of Attachment FF of the ISO OATT. *See* Section 38.16.2.2 of Attachment FF of the ISO OATT.

Concurrent with the ISO or a Generator filing with the Commission an RMR Agreement pursuant to Sections 38.11.3, 38.11.4 or 38.11.5 of Attachment FF to the ISO OATT, the Market Monitoring Unit shall publish a report. The report shall review the ISO's determination of the highest net present value offer (or more than one offer) to provide RMR service in accordance with Sections 38.8, 38.9 and 38.10 of Attachment FF to the ISO OATT. In the event that cost

alone did not provide for a clear delineation between two or more RMR Service Offers, the report shall also review the ISO's consideration of the Generator Owner's proposed changes to the *Form of Reliability Must Run Agreement* and the operational, performance and market impacts, and the size of the Generators. If the RMR Agreement contains RMR Avoidable Costs and an Availability and Performance Rate, the report shall also review the inputs to, and ISO's calculation of, the RMR Avoidable Costs and the Availability and Performance Rate. *See* Section 38.18.3 of Attachment FF to the ISO OATT.

**30.4.6.9 Market Monitoring Unit responsibilities set forth in other documents that have been formally filed with the Commission**

**30.4.6.10 Market Monitoring Unit responsibilities set forth in the Form of Reliability Must Run Agreement, Appendix C to Attachment FF of the ISO OATT**

The ISO and the Market Monitoring Unit shall monitor deviations from each RMR Generator's historic planned outage schedules. Owner shall promptly respond to ISO and Market Monitoring Unit requests for explanations, information and data regarding or supporting outage schedules. *See* Section 7.1.3 of the *Form of Reliability Must Run Agreement*.

The ISO and the Market Monitoring Unit shall monitor deviations from each RMR Generator's historic forced outage rate. Owner shall promptly respond to ISO and Market Monitoring Unit requests for explanations, information and data regarding or supporting forced outages, including the time required to return from a Forced Outage. *See* Section 7.2.2 of the *Form of Reliability Must Run Agreement*.

**30.4.6.11 Additional Market Monitoring Unit responsibilities related to Reliability Must Run Agreements**

The Market Monitoring Unit shall review any Owner-Developed Rate that is filed with the Commission as described in Section 4.5 of the *Form of Reliability Must Run Agreement*. The



Market Monitoring Unit shall intervene and participate in Commission proceedings concerning such filings. It shall submit, as appropriate, comments or a protest in such a proceeding describing its review and informing the Commission of whether it has found a proposed Owner Developed Rate to be consistent with, or in excess of, an RMR Generator's full cost of service. The Market Monitoring Unit shall also inform the Commission of whether: (i) it believes the proposed Owner Developed Rate, including its terms and conditions of service, is or is not just and reasonable; and (ii) it has any other concerns with the proposed Owner Developed Rate.

#### **30.4.7 Availability of Data and Resources to Market Monitoring Unit**

- 30.4.7.1 The ISO shall ensure that the Market Monitoring Unit has sufficient access to ISO resources, personnel and market data to enable the Market Monitoring Unit to carry out its functions under Attachment O. Consistent with Section 30.6.1 of Attachment O, the Market Monitoring Unit shall have complete access to the ISO's databases of market information.
- 30.4.7.2 Any data created by the Market Monitoring Unit, including but not limited to reconfiguration of the ISO's data, will be kept within the exclusive control of the Market Monitoring Unit. The Market Monitoring Unit may share the data it creates, subject to the limitations on distribution of and obligation to protect the confidentiality of Protected Information that are contained in Attachment O, the ISO Services Tariff, and the ISO's Code of Conduct.
- 30.4.7.3 Where data outside the ISO's geographic footprint would be helpful to the Market Monitoring Unit in carrying out its duties, the Market Monitoring Unit should seek out that data (with assistance from the ISO, where appropriate).