

## Attachment II

SERVICE AGREEMENT NO. 2310

SERVICE AGREEMENT NO. 2310

~~Appendix 6—STANDARD LARGE GENERATOR~~ INTERCONNECTION  
AGREEMENT

~~(Applicable to Generating Facilities that exceed 20 MW)~~

AMONG THE

NEW YORK INDEPENDENT SYSTEM OPERATOR, INC.

AND

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

AND

CRICKET VALLEY ENERGY CENTER, LLC

Dated as of November 16, 2016

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Appendices

**STANDARD LARGE GENERATOR INTERCONNECTION AGREEMENT**

**THIS STANDARD LARGE GENERATOR INTERCONNECTION AGREEMENT**

("Agreement") is made and entered into this 16th day of 20 November 2016, by and among ~~a [corporate description]~~ Cricket Valley Energy Center, LLC, a limited liability company organized and existing under the laws of the State/~~Commonwealth~~ of New York ("Developer" with a Large Generating Facility), the New York Independent System Operator, Inc., a not-for-profit corporation organized and existing under the laws of the State of New York ("NYISO"), and ~~a [corporate description]~~ Consolidated Edison Company of New York, Inc., a transportation corporation organized and existing under the laws of the State of New York ("Connecting Transmission Owner"). Developer, the NYISO, or Connecting Transmission Owner each may be referred to as a "Party" or collectively referred to as the "Parties."

**RECITALS**

**WHEREAS**, NYISO operates the New York State Transmission System and Connecting Transmission Owner owns certain facilities included in the New York State Transmission System; and

**WHEREAS**, Developer intends to own, lease and/or control and operate the Generating Facility identified as a Large Generating Facility in Appendix C to this Agreement; and,

**WHEREAS**, Developer, NYISO, and Connecting Transmission Owner have agreed to enter into this Agreement for the purpose of interconnecting the Large Generating Facility with the New York State Transmission System;

**NOW, THEREFORE**, in consideration of and subject to the mutual covenants contained herein, it is agreed:

**ARTICLE 1. DEFINITIONS**

Whenever used in this Agreement with initial capitalization, the following terms shall have the meanings specified in this Article 1. Terms used in this Agreement with initial capitalization that are not defined in this Article 1 shall have the meanings specified in Section 30.1.0 of Attachment X or Section 25.1 of Attachment S of the NYISO OATT.

**Affected System** shall mean an electric system other than the transmission system owned, controlled or operated by the Connecting Transmission Owner that may be affected by the proposed interconnection.

**Affected System Operator** shall mean the entity that operates an Affected System.

**Affected Transmission Owner** shall mean the New York public utility or authority (or its designated agent) other than the Connecting Transmission Owner that (i) owns facilities used for the transmission of Energy in interstate commerce and provides Transmission Service under the Tariff, and (ii) owns, leases or otherwise possesses an interest in a portion of the New York State

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Transmission System where System Deliverability Upgrades or System Upgrade Facilities are installed pursuant to Attachment X and Attachment S of the Tariff.

**Affiliate** shall mean, with respect to a person or entity, any individual, corporation, partnership, firm, joint venture, association, joint-stock company, trust or unincorporated organization, directly or indirectly controlling, controlled by, or under common control with, such person or entity. The term “control” shall mean the possession, directly or indirectly, of the power to direct the management or policies of a person or an entity. A voting interest of ten percent or more shall create a rebuttable presumption of control.

**Ancillary Services** shall mean those services that are necessary to support the transmission of Capacity and Energy from resources to Loads while maintaining reliable operation of the New York State Transmission System in accordance with Good Utility Practice.

**Applicable Laws and Regulations** shall mean all duly promulgated applicable federal, state and local laws, regulations, rules, ordinances, codes, decrees, judgments, directives, or judicial or administrative orders, permits and other duly authorized actions of any Governmental Authority, including but not limited to Environmental Law.

**Applicable Reliability Councils** shall mean the NERC, the NPCC and the NYSRC.

**Applicable Reliability Standards** shall mean the requirements and guidelines of the Applicable Reliability Councils, and the Transmission District to which the Developer’s Large Generating Facility is directly interconnected, as those requirements and guidelines are amended and modified and in effect from time to time; provided that no Party shall waive its right to challenge the applicability or validity of any requirement or guideline as applied to it in the context of this Agreement.

**Attachment Facilities** shall mean the Connecting Transmission Owner’s Attachment Facilities and the Developer’s Attachment Facilities. Collectively, Attachment Facilities include all facilities and equipment between the Large Generating Facility and the Point of Interconnection, including any modification, additions or upgrades that are necessary to physically and electrically interconnect the Large Generating Facility to the New York State Transmission System. Attachment Facilities are sole use facilities and shall not include Stand Alone System Upgrade Facilities, Distribution Upgrades, System Upgrade Facilities or System Deliverability Upgrades.

**Base Case** shall mean the base case power flow, short circuit, and stability data bases used for the Interconnection Studies by NYISO, Connecting Transmission Owner or Developer; described in Section 30.2.3 of the Large Facility Interconnection Procedures.

**Breach** shall mean the failure of a Party to perform or observe any material term or condition of this Agreement.

**Breaching Party** shall mean a Party that is in Breach of this Agreement.

**Business Day** shall mean Monday through Friday, excluding federal holidays.



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**Byway** shall mean all transmission facilities comprising the New York State Transmission System that are neither Highways nor Other Interfaces. All transmission facilities in Zone J and Zone K are Byways.

**Calendar Day** shall mean any day including Saturday, Sunday or a federal holiday.

**Capacity Region** shall mean one of four subsets of the Installed Capacity statewide markets comprised of (1) Rest of State (*i.e.*, Load Zones A through F); (2) Lower Hudson Valley (*i.e.*, Load Zones G, H and I); (3) New York City (*i.e.*, Load Zone J); and (4) Long Island (*i.e.*, Load Zone K), except for Class Year Interconnection Facility Studies conducted prior to Class Year 2012, for which “Capacity Region” shall be defined as set forth in Section 25.7.3 of Attachment S to the NYISO OATT.

**Capacity Resource Interconnection Service (“CRIS”)** shall mean the service provided by NYISO to Developers that satisfy the NYISO Deliverability Interconnection Standard or that are otherwise eligible to receive CRIS in accordance with Attachment S to the NYISO OATT; such service being one of the eligibility requirements for participation as a NYISO Installed Capacity Supplier.

**Class Year Deliverability Study** shall mean an assessment, conducted by the NYISO staff in cooperation with Market Participants, to determine whether System Deliverability Upgrades are required for Class Year CRIS Projects under the NYISO Deliverability Interconnection Standard.

**Clustering** shall mean the process whereby a group of Interconnection Requests is studied together, instead of serially, for the purpose of conducting the Interconnection System Reliability Impact Study.

**Commercial Operation** shall mean the status of a Large Generating Facility that has commenced generating electricity for sale, excluding electricity generated during Trial Operation.

**Commercial Operation Date** of a unit shall mean the date on which the Large Generating Facility commences Commercial Operation as agreed to by the Parties pursuant to Appendix E to this Agreement.

**Confidential Information** shall mean any information that is defined as confidential by Article 22 of this Agreement.

**Connecting Transmission Owner** shall mean the New York public utility or authority (or its designated agent) that (i) owns facilities used for the transmission of Energy in interstate commerce and provides Transmission Service under the Tariff, (ii) owns, leases or otherwise possesses an interest in the portion of the New York State Transmission System or Distribution System at the Point of Interconnection, and (iii) is a Party to the Standard Large Interconnection Agreement.

**Connecting Transmission Owner’s Attachment Facilities** shall mean all facilities and equipment owned, controlled or operated by the Connecting Transmission Owner from the Point of Change of Ownership to the Point of Interconnection as identified in Appendix A to the

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Standard Large Generator Interconnection Agreement, including any modifications, additions or upgrades to such facilities and equipment. Connecting Transmission Owner's Attachment Facilities are sole use facilities and shall not include Stand Alone System Upgrade Facilities or System Upgrade Facilities.

**Control Area** shall mean an electric power system or combination of electric power systems to which a common automatic generation control scheme is applied in order to: (1) match, at all times, the power output of the Generators within the electric power system(s) and capacity and energy purchased from entities outside the electric power system(s), with the Load within the electric power system(s); (2) maintain scheduled interchange with other Control Areas, within the limits of Good Utility Practice; (3) maintain the frequency of the electric power system(s) within reasonable limits in accordance with Good Utility Practice; and (4) provide sufficient generating capacity to maintain Operating Reserves in accordance with Good Utility Practice. A Control Area must be certified by the NPCC.

**Default** shall mean the failure of a Party in Breach of this Agreement to cure such Breach in accordance with Article 17 of this Agreement.

**Developer** shall mean an Eligible Customer developing a Large Generating Facility, proposing to connect to the New York State Transmission System, in compliance with the NYISO Minimum Interconnection Standard.

**Developer's Attachment Facilities** shall mean all facilities and equipment, as identified in Appendix A of this Agreement, that are located between the Large Generating Facility and the Point of Change of Ownership, including any modification, addition, or upgrades to such facilities and equipment necessary to physically and electrically interconnect the Large Generating Facility to the New York State Transmission System. Developer's Attachment Facilities are sole use facilities.

**Dispute Resolution** shall mean the procedure described in Article 27 of this Agreement for resolution of a dispute between the Parties.

**Distribution System** shall mean the Transmission Owner's facilities and equipment used to distribute electricity that are subject to FERC jurisdiction, and are subject to the NYISO's Large Facility Interconnection Procedures in Attachment X to the NYISO OATT or Small Generator Interconnection Procedures in Attachment Z to the NYISO OATT under FERC Order Nos. 2003 and/or 2006. The term Distribution System shall not include LIPA's distribution facilities.

**Distribution Upgrades** shall mean the additions, modifications, and upgrades to the Connecting Transmission Owner's Distribution System at or beyond the Point of Interconnection to facilitate interconnection of a Large Facility or Small Generating Facility and render the transmission service necessary to affect the Developer's wholesale sale of electricity in interstate commerce. Distribution Upgrades do not include Interconnection Facilities, System Upgrade Facilities, or System Deliverability Upgrades. Distribution Upgrades are sole use facilities and shall not include Stand Alone System Upgrade Facilities, System Upgrade Facilities, or System Deliverability Upgrades.

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**Effective Date** shall mean the date on which this Agreement becomes effective upon execution by the Parties, subject to acceptance by the Commission, or if filed unexecuted, upon the date specified by the Commission.

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

**Energy Resource Interconnection Service (“ERIS”)** shall mean the service provided by NYISO to interconnect the Developer’s Large Generating Facility to the New York State Transmission System or to the Distribution System in accordance with the NYISO Minimum Interconnection Standard, to enable the New York State Transmission System to receive Energy and Ancillary Services from the Large Generating Facility, pursuant to the terms of the NYISO OATT.

**Engineering & Procurement (E&P) Agreement** shall mean an agreement that authorizes Connecting Transmission Owner to begin engineering and procurement of long lead-time items necessary for the establishment of the interconnection in order to advance the implementation of the Interconnection Request.

**Environmental Law** shall mean Applicable Laws or Regulations relating to pollution or protection of the environment or natural resources.

**Federal Power Act** shall mean the Federal Power Act, as amended, 16 U.S.C. §§ 791a *et seq.* (“FPA”).

**FERC** shall mean the Federal Energy Regulatory Commission (“Commission”) or its successor.

**Force Majeure** shall mean any act of God, labor disturbance, act of the public enemy, war, insurrection, riot, fire, storm or flood, explosion, breakage or accident to machinery or equipment, any order, regulation or restriction imposed by governmental, military or lawfully established civilian authorities, or any other cause beyond a Party’s control. A Force Majeure event does not include acts of negligence or intentional wrongdoing by the Party claiming Force Majeure.

**Generating Facility** shall mean Developer’s device for the production of electricity identified in the Interconnection Request, but shall not include the Developer’s Attachment Facilities or Distribution Upgrades.

**Generating Facility Capacity** shall mean the net seasonal capacity of the Generating Facility and the aggregate net seasonal capacity of the Generating Facility where it includes multiple energy production devices.

**Good Utility Practice** shall mean any of the practices, methods and acts engaged in or approved by a significant portion of the electric industry during the relevant time period, or any of the practices, methods and acts which, in the exercise of reasonable judgment in light of the facts known at the time the decision was made, could have been expected to accomplish the desired

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result at a reasonable cost consistent with good business practices, reliability, safety and expedition. Good Utility Practice is not intended to be limited to the optimum practice, method, or act to the exclusion of all others, but rather to delineate acceptable practices, methods, or acts generally accepted in the region.

**Governmental Authority** shall mean any federal, state, local or other governmental regulatory or administrative agency, court, commission, department, board, or other governmental subdivision, legislature, rulemaking board, tribunal, or other governmental authority having jurisdiction over any of the Parties, their respective facilities, or the respective services they provide, and exercising or entitled to exercise any administrative, executive, police, or taxing authority or power; provided, however, that such term does not include Developer, NYISO, Affected Transmission Owner, Connecting Transmission Owner, or any Affiliate thereof.

**Hazardous Substances** shall mean any chemicals, materials or substances defined as or included in the definition of “hazardous substances,” “hazardous wastes,” “hazardous materials,” “hazardous constituents,” “restricted hazardous materials,” “extremely hazardous substances,” “toxic substances,” “radioactive substances,” “contaminants,” “pollutants,” “toxic pollutants” or words of similar meaning and regulatory effect under any applicable Environmental Law, or any other chemical, material or substance, exposure to which is prohibited, limited or regulated by any applicable Environmental Law.

**Highway** shall mean 115 kV and higher transmission facilities that comprise the following NYCA interfaces: Dysinger East, West Central, Volney East, Moses South, Central East/Total East and UPNY-ConEd, and their immediately connected, in series, Bulk Power System facilities in New York State. Each interface shall be evaluated to determine additional “in series” facilities, defined as any transmission facility higher than 115 kV that (a) is located in an upstream or downstream zone adjacent to the interface and (b) has a power transfer distribution factor (DFAX) equal to or greater than five percent when the aggregate of generation in zones or systems adjacent to the upstream zone or zones which define the interface is shifted to the aggregate of generation in zones or systems adjacent to the downstream zone or zones which define the interface. In determining “in series” facilities for Dysinger East and West Central interfaces, the 115 kV and 230 kV tie lines between NYCA and PJM located in LBMP Zones A and B shall not participate in the transfer. Highway transmission facilities are listed in ISO Procedures.

**Initial Synchronization Date** shall mean the date upon which the Large Generating Facility is initially synchronized and upon which Trial Operation begins.

**In-Service Date** shall mean the date upon which the Developer reasonably expects it will be ready to begin use of the Connecting Transmission Owner’s Attachment Facilities to obtain back feed power.

**Interconnection Facilities Study** shall mean a study conducted by NYISO or a third party consultant for the Developer to determine a list of facilities (including Connecting Transmission Owner’s Attachment Facilities, Distribution Upgrades, System Upgrade Facilities and System Deliverability Upgrades as identified in the Interconnection System Reliability Impact Study), the cost of those facilities, and the time required to interconnect the Large Generating Facility

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with the New York State Transmission System or with the Distribution System. The scope of the study is defined in Section 30.8 of the Standard Large Facility Interconnection Procedures.

**Interconnection Facilities Study Agreement** shall mean the form of agreement contained in Appendix 4 of the Standard Large Facility Interconnection Procedures for conducting the Interconnection Facilities Study.

**Interconnection Feasibility Study** shall mean a preliminary evaluation of the system impact and cost of interconnecting the Large Generating Facility to the New York State Transmission System or to the Distribution System, the scope of which is described in Section 30.6 of the Standard Large Facility Interconnection Procedures.

**Interconnection Feasibility Study Agreement** shall mean the form of agreement contained in Appendix 2 of the Standard Large Facility Interconnection Procedures for conducting the Interconnection Feasibility Study.

**Interconnection Request** shall mean a Developer's request, in the form of Appendix 1 to the Standard Large Facility Interconnection Procedures, in accordance with the Tariff, to interconnect a new Large Generating Facility to the New York State Transmission System or to the Distribution System, or to materially increase the capacity of, or make a material modification to the operating characteristics of, an existing Large Generating Facility that is interconnected with the New York State Transmission System or with the Distribution System.

**Interconnection Study** shall mean any of the following studies: the Interconnection Feasibility Study, the Interconnection System Reliability Impact Study, and the Interconnection Facilities Study described in the Standard Large Facility Interconnection Procedures.

**Interconnection System Reliability Impact Study ("SRIS")** shall mean an engineering study, conducted in accordance with Section 30.7 of the Large Facility Interconnection Procedures, that evaluates the impact of the proposed Large Generating Facility on the safety and reliability of the New York State Transmission System and, if applicable, an Affected System, to determine what Attachment Facilities, Distribution Upgrades and System Upgrade Facilities are needed for the proposed Large Generation Facility of the Developer to connect reliably to the New York State Transmission System or to the Distribution System in a manner that meets the NYISO Minimum Interconnection Standard in Attachment X to the NYISO OATT.

**Interconnection System Reliability Impact Study Agreement** shall mean the form of agreement contained in Appendix 3 of the Standard Large Facility Interconnection Procedures for conducting the Interconnection System Reliability Impact Study.

**IRS** shall mean the Internal Revenue Service.

**Large Generating Facility** shall mean a Generating Facility having a Generating Facility Capacity of more than 20 MW.

**Loss** shall mean any and all losses relating to injury to or death of any person or damage to property, demand, suits, recoveries, costs and expenses, court costs, attorney fees, and all other obligations by or to third parties, arising out of or resulting from the Indemnified Party's

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performance or non-performance of its obligations under this Agreement on behalf of the Indemnifying Party, except in cases of gross negligence or intentional wrongdoing by the Indemnified Party.

**Material Modification** shall mean those modifications that have a material impact on the cost or timing of any Interconnection Request with a later queue priority date.

**Metering Equipment** shall mean all metering equipment installed or to be installed at the Large Generating Facility pursuant to this Agreement at the metering points, including but not limited to instrument transformers, MWh-meters, data acquisition equipment, transducers, remote terminal unit, communications equipment, phone lines, and fiber optics.

**NERC** shall mean the North American Electric Reliability Council or its successor organization.

**New York State Transmission System** shall mean the entire New York State electric transmission system, which includes (i) the Transmission Facilities under ISO Operational Control; (ii) the Transmission Facilities Requiring ISO Notification; and (iii) all remaining transmission facilities within the New York Control Area.

**Notice of Dispute** shall mean a written notice of a dispute or claim that arises out of or in connection with this Agreement or its performance.

**NPCC** shall mean the Northeast Power Coordinating Council or its successor organization.

**NYISO Deliverability Interconnection Standard** – The standard that must be met, unless otherwise provided for by Attachment S to the NYISO OATT, by (i) any generation facility larger than 2MW in order for that facility to obtain CRIS; (ii) any Merchant Transmission Facility proposing to interconnect to the New York State Transmission System and receive Unforced Capacity Delivery Rights; (iii) any entity requesting External CRIS Rights, and (iv) any entity requesting a CRIS transfer pursuant to Section 25.9.5 of Attachment S to the NYISO OATT. To meet the NYISO Deliverability Interconnection Standard, the Interconnection Customer must, in accordance with the rules in Attachment S to the NYISO OATT, fund or commit to fund any System Deliverability Upgrades identified for its project in the Class Year Deliverability Study.

**NYISO Minimum Interconnection Standard** – The reliability standard that must be met by any generation facility or Merchant Transmission Facility that is subject to NYISO's Large Facility Interconnection Procedures in Attachment X to the NYISO OATT or the NYISO's Small Generator Interconnection Procedures in Attachment Z, that is proposing to connect to the New York State Transmission System or Distribution System, to obtain ERIS. The Standard is designed to ensure reliable access by the proposed project to the New York State Transmission System or the Distribution System. The Standard does not impose any deliverability test or deliverability requirement on the proposed interconnection.

**NYSRC** shall mean the New York State Reliability Council or its successor organization.

**Optional Interconnection Study** shall mean a sensitivity analysis based on assumptions specified by the Developer in the Optional Interconnection Study Agreement.



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**Optional Interconnection Study Agreement** shall mean the form of agreement contained in Appendix 5 of the Standard Large Facility Interconnection Procedures for conducting the Optional Interconnection Study.

**Other Interfaces** shall mean the following interfaces into Capacity Regions: Lower Hudson Valley [*i.e.*, Rest of State (Load Zones A-F) to Lower Hudson Valley (Load Zones G, H and I)]; New York City [*i.e.*, Lower Hudson Valley (Load Zones G, H and I) to New York City (Load Zone J)]; and Long Island [*i.e.*, Lower Hudson Valley (Load Zones G, H and I) to Long Island (Load Zone K)], and the following Interfaces between the NYCA and adjacent Control Areas: PJM to NYISO, ISO-NE to NYISO, Hydro-Quebec to NYISO, and Norwalk Harbor (Connecticut) to Northport (Long Island) Cable.

**Party or Parties** shall mean NYISO, Connecting Transmission Owner, or Developer or any combination of the above.

**Point of Change of Ownership** shall mean the point, as set forth in Appendix A to this Agreement, where the Developer's Attachment Facilities connect to the Connecting Transmission Owner's Attachment Facilities.

**Point of Interconnection** shall mean the point, as set forth in Appendix A to this Agreement, where the Attachment Facilities connect to the New York State Transmission System or to the Distribution System.

**Queue Position** shall mean the order of a valid Interconnection Request, relative to all other pending valid Interconnection Requests, that is established based upon the date and time of receipt of the valid Interconnection Request by NYISO.

**Reasonable Efforts** shall mean, with respect to an action required to be attempted or taken by a Party under this Agreement, efforts that are timely and consistent with Good Utility Practice and are otherwise substantially equivalent to those a Party would use to protect its own interests.

**Retired:** A Generator that has permanently ceased operating on or after May 1, 2015 either: i) pursuant to applicable notice; or ii) as a result of the expiration of its Mothball Outage or its ICAP Ineligible Forced Outage.

**Scoping Meeting** shall mean the meeting between representatives of the Developer, NYISO and Connecting Transmission Owner conducted for the purpose of discussing alternative interconnection options, to exchange information including any transmission data and earlier study evaluations that would be reasonably expected to impact such interconnection options, to analyze such information, and to determine the potential feasible Points of Interconnection.

**Services Tariff** shall mean the NYISO Market Administration and Control Area Tariff, as filed with the Commission, and as amended or supplemented from time to time, or any successor tariff thereto.

**Site Control** shall mean documentation reasonably demonstrating: (1) ownership of, a leasehold interest in, or a right to develop a site for the purpose of constructing the Large Generating

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Facility; (2) an option to purchase or acquire a leasehold site for such purpose; or (3) an exclusivity or other business relationship between Developer and the entity having the right to sell, lease or grant Developer the right to possess or occupy a site for such purpose.

**Stand Alone System Upgrade Facilities** shall mean System Upgrade Facilities that a Developer may construct without affecting day-to-day operations of the New York State Transmission System during their construction. NYISO, the Connecting Transmission Owner and the Developer must agree as to what constitutes Stand Alone System Upgrade Facilities and identify them in Appendix A to this Agreement.

**Standard Large Facility Interconnection Procedures (“Large Facility Interconnection Procedures” or “LFIP”)** shall mean the interconnection procedures applicable to an Interconnection Request pertaining to a Large Generating Facility that are included in Attachment X of the NYISO OATT.

**Standard Large Generator Interconnection Agreement (“LGIA”)** shall mean this Agreement, the form of interconnection agreement applicable to an Interconnection Request pertaining to a Large Generating Facility, that is included in Attachment X of the NYISO OATT.

**System Deliverability Upgrades** shall mean the least costly configuration of commercially available components of electrical equipment that can be used, consistent with Good Utility Practice and Applicable Reliability Requirements, to make the modifications or additions to Byways and Highways and Other Interfaces on the existing New York State Transmission System and Distribution System that are required for the proposed project to connect reliably to the system in a manner that meets the NYISO Deliverability Interconnection Standard at the requested level of Capacity Resource Interconnection Service.

**System Protection Facilities** shall mean the equipment, including necessary protection signal communications equipment, required to (1) protect the New York State Transmission System from faults or other electrical disturbances occurring at the Large Generating Facility and (2) protect the Large Generating Facility from faults or other electrical system disturbances occurring on the New York State Transmission System or on other delivery systems or other generating systems to which the New York State Transmission System is directly connected.

**System Upgrade Facilities** shall mean the least costly configuration of commercially available components of electrical equipment that can be used, consistent with Good Utility Practice and Applicable Reliability Requirements, to make the modifications to the existing transmission system that are required to maintain system reliability due to: (i) changes in the system, including such changes as load growth and changes in load pattern, to be addressed in the form of generic generation or transmission projects; and (ii) proposed interconnections. In the case of proposed interconnection projects, System Upgrade Facilities are the modifications or additions to the existing New York State Transmission System that are required for the proposed project to connect reliably to the system in a manner that meets the NYISO Minimum Interconnection Standard.

**Tariff** shall mean the NYISO Open Access Transmission Tariff (“OATT”), as filed with the Commission, and as amended or supplemented from time to time, or any successor tariff.



**Trial Operation** shall mean the period during which Developer is engaged in on-site test operations and commissioning of the Large Generating Facility prior to Commercial Operation.

## **ARTICLE 2. EFFECTIVE DATE, TERM AND TERMINATION**

### **2.1 Effective Date.**

This Agreement shall become effective upon execution by the Parties, subject to acceptance by FERC, or if filed unexecuted, upon the date specified by FERC. The NYISO and Connecting Transmission Owner shall promptly file this Agreement with FERC upon execution in accordance with Article 3.1.

### **2.2 Term of Agreement.**

Subject to the provisions of Article 2.3, this Agreement shall remain in effect for a period of ~~tenthirty~~ **(1030)** years from the Effective Date ~~or such other longer period as the Developer may request (Term to be Specified in Individual Agreements)~~ and shall be automatically renewed for each successive one-year period thereafter.

### **2.3 Termination.**

#### **2.3.1 Written Notice.**

This Agreement may be terminated by the Developer after giving the NYISO and Connecting Transmission Owner ninety (90) Calendar Days advance written notice, or by the NYISO and Connecting Transmission Owner notifying FERC after the Large Generating Facility is Retired.

#### **2.3.2 Default.**

Any Party may terminate this Agreement in accordance with Article 17.

#### **2.3.3 Compliance.**

Notwithstanding Articles 2.3.1 and 2.3.2, no termination of this Agreement shall become effective until the Parties have complied with all Applicable Laws and Regulations applicable to such termination, including the filing with FERC of a notice of termination of this Agreement, which notice has been accepted for filing by FERC.

### **2.4 Termination Costs.**

If a Party elects to terminate this Agreement pursuant to Article 2.3.1 above, the terminating Party shall pay all costs incurred (including any cancellation costs relating to orders or contracts for Attachment Facilities and equipment) or charges assessed by the other Parties, as of the date of the other Parties' receipt of such notice of termination, that are the responsibility of the terminating Party under this Agreement. In the event of termination by a Party, all Parties shall use commercially Reasonable Efforts to mitigate the costs, damages and charges arising as

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a consequence of termination. Upon termination of this Agreement, unless otherwise ordered or approved by FERC:

**2.4.1** With respect to any portion of the Connecting Transmission Owner's Attachment Facilities that have not yet been constructed or installed, the Connecting Transmission Owner shall to the extent possible and with Developer's authorization cancel any pending orders of, or return, any materials or equipment for, or contracts for construction of, such facilities; provided that in the event Developer elects not to authorize such cancellation, Developer shall assume all payment obligations with respect to such materials, equipment, and contracts, and the Connecting Transmission Owner shall deliver such material and equipment, and, if necessary, assign such contracts, to Developer as soon as practicable, at Developer's expense. To the extent that Developer has already paid Connecting Transmission Owner for any or all such costs of materials or equipment not taken by Developer, Connecting Transmission Owner shall promptly refund such amounts to Developer, less any costs, including penalties incurred by the Connecting Transmission Owner to cancel any pending orders of or return such materials, equipment, or contracts.

If Developer terminates this Agreement, it shall be responsible for all costs incurred in association with Developer's interconnection, including any cancellation costs relating to orders or contracts for Attachment Facilities and equipment, and other expenses including any System Upgrade Facilities and System Deliverability Upgrades for which the Connecting Transmission Owner has incurred expenses and has not been reimbursed by the Developer.

**2.4.2** Connecting Transmission Owner may, at its option, retain any portion of such materials, equipment, or facilities that Developer chooses not to accept delivery of, in which case Connecting Transmission Owner shall be responsible for all costs associated with procuring such materials, equipment, or facilities.

**2.4.3** With respect to any portion of the Attachment Facilities, and any other facilities already installed or constructed pursuant to the terms of this Agreement, Developer shall be responsible for all costs associated with the removal, relocation or other disposition or retirement of such materials, equipment, or facilities.

## **2.5 Disconnection.**

Upon termination of this Agreement, Developer and Connecting Transmission Owner will take all appropriate steps to disconnect the Developer's Large Generating Facility from the New York State Transmission System. All costs required to effectuate such disconnection shall be borne by the terminating Party, unless such termination resulted from the non-terminating Party's Default of this Agreement or such non-terminating Party otherwise is responsible for these costs under this Agreement.

## **2.6 Survival.**

This Agreement shall continue in effect after termination to the extent necessary to provide for final billings and payments and for costs incurred hereunder; including billings and payments pursuant to this Agreement; to permit the determination and enforcement of liability

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and indemnification obligations arising from acts or events that occurred while this Agreement was in effect; and to permit Developer and Connecting Transmission Owner each to have access to the lands of the other pursuant to this Agreement or other applicable agreements, to disconnect, remove or salvage its own facilities and equipment.

### **ARTICLE 3. REGULATORY FILINGS**

#### **3.1 Filing.**

NYISO and Connecting Transmission Owner shall file this Agreement (and any amendment hereto) with the appropriate Governmental Authority, if required. Any information related to studies for interconnection asserted by Developer to contain Confidential Information shall be treated in accordance with Article 22 of this Agreement and Attachment F to the NYISO OATT. If the Developer has executed this Agreement, or any amendment thereto, the Developer shall reasonably cooperate with NYISO and Connecting Transmission Owner with respect to such filing and to provide any information reasonably requested by NYISO and Connecting Transmission Owner needed to comply with Applicable Laws and Regulations.

### **ARTICLE 4. SCOPE OF INTERCONNECTION SERVICE**

#### **4.1 Provision of Service.**

NYISO will provide Developer with interconnection service of the following type for the term of this Agreement.

##### **4.1.1 Product.**

NYISO will provide ~~F~~ Energy Resource Interconnection Service and Capacity Resource Interconnection Service to Developer at the Point of Interconnection, subject to the provisions set forth in Appendix A, Section 6 and Appendix C, Section 2(c).

**4.1.2 Developer** is responsible for ensuring that its actual Large Generating Facility output matches the scheduled delivery from the Large Generating Facility to the New York State Transmission System, consistent with the scheduling requirements of the NYISO's FERC-approved market structure, including ramping into and out of such scheduled delivery, as measured at the Point of Interconnection, consistent with the scheduling requirements of the NYISO OATT and any applicable FERC-approved market structure.

#### **4.2 No Transmission Delivery Service.**

The execution of this Agreement does not constitute a request for, nor agreement to provide, any Transmission Service under the NYISO OATT, and does not convey any right to deliver electricity to any specific customer or Point of Delivery. If Developer wishes to obtain Transmission Service on the New York State Transmission System, then Developer must request such Transmission Service in accordance with the provisions of the NYISO OATT.

**4.3 No Other Services.**

The execution of this Agreement does not constitute a request for, nor agreement to provide Energy, any Ancillary Services or Installed Capacity under the NYISO Market Administration and Control Area Services Tariff (“Services Tariff”). If Developer wishes to supply Energy, Installed Capacity or Ancillary Services, then Developer will make application to do so in accordance with the NYISO Services Tariff.

**ARTICLE 5. INTERCONNECTION FACILITIES ENGINEERING, PROCUREMENT, AND CONSTRUCTION**

**5.1 Options.**

Unless otherwise mutually agreed to by Developer and Connecting Transmission Owner, Developer shall select the In-Service Date, Initial Synchronization Date, and Commercial Operation Date; and either Standard Option or Alternate Option set forth below for completion of the Connecting Transmission Owner’s Attachment Facilities and System Upgrade Facilities and System Deliverability Upgrades as set forth in Appendix A hereto, and such dates and selected option shall be set forth in Appendix B hereto.

**5.1.1 Standard Option.**

The Connecting Transmission Owner shall design, procure, and construct the Connecting Transmission Owner’s Attachment Facilities and System Upgrade Facilities and System Deliverability Upgrades, using Reasonable Efforts to complete the Connecting Transmission Owner’s Attachment Facilities and System Upgrade Facilities and System Deliverability Upgrades by the dates set forth in Appendix B hereto. The Connecting Transmission Owner shall not be required to undertake any action which is inconsistent with its standard safety practices, its material and equipment specifications, its design criteria and construction procedures, its labor agreements, and Applicable Laws and Regulations. In the event the Connecting Transmission Owner reasonably expects that it will not be able to complete the Connecting Transmission Owner’s Attachment Facilities and System Upgrade Facilities and System Deliverability Upgrades by the specified dates, the Connecting Transmission Owner shall promptly provide written notice to the Developer and NYISO, and shall undertake Reasonable Efforts to meet the earliest dates thereafter.

**5.1.2 Alternate Option.**

If the dates designated by Developer are acceptable to Connecting Transmission Owner, the Connecting Transmission Owner shall so notify Developer and NYISO within thirty (30) Calendar Days, and shall assume responsibility for the design, procurement and construction of the Connecting Transmission Owner’s Attachment Facilities by the designated dates. If Connecting Transmission Owner subsequently fails to complete Connecting Transmission Owner’s Attachment Facilities by the In-Service Date, to the extent necessary to provide back feed power; or fails to complete System Upgrade Facilities or System Deliverability Upgrades by the Initial Synchronization Date to the extent necessary to allow for Trial Operation at full power output, unless other arrangements are made by the Developer and Connecting Transmission

Owner for such Trial Operation; or fails to complete the System Upgrade Facilities and System Deliverability Upgrades by the Commercial Operation Date, as such dates are reflected in Appendix B hereto; Connecting Transmission Owner shall pay Developer liquidated damages in accordance with Article 5.3, Liquidated Damages, provided, however, the dates designated by Developer shall be extended day for day for each day that NYISO refuses to grant clearances to install equipment.

**5.1.3 Option to Build.**

If the dates designated by Developer are not acceptable to Connecting Transmission Owner, the Connecting Transmission Owner shall so notify the Developer and NYISO within thirty (30) Calendar Days, and unless the Developer and Connecting Transmission Owner agree otherwise, Developer shall have the option to assume responsibility for the design, procurement and construction of Connecting Transmission Owner's Attachment Facilities and Stand Alone System Upgrade Facilities on the dates specified in Article 5.1.2; provided that if an Attachment Facility or Stand Alone System Upgrade Facility is needed for more than one Developer's project, Developer's option to build such Facility shall be contingent on the agreement of all other affected Developers. NYISO, Connecting Transmission Owner and Developer must agree as to what constitutes Stand Alone System Upgrade Facilities and identify such Stand Alone System Upgrade Facilities in Appendix A hereto. Except for Stand Alone System Upgrade Facilities, Developer shall have no right to construct System Upgrade Facilities under this option.

**5.1.4 Negotiated Option.**

If the Developer elects not to exercise its option under Article 5.1.3, Option to Build, Developer shall so notify Connecting Transmission Owner and NYISO within thirty (30) Calendar Days, and the Developer and Connecting Transmission Owner shall in good faith attempt to negotiate terms and conditions (including revision of the specified dates and liquidated damages, the provision of incentives or the procurement and construction of a portion of the Connecting Transmission Owner's Attachment Facilities and Stand Alone System Upgrade Facilities by Developer) pursuant to which Connecting Transmission Owner is responsible for the design, procurement and construction of the Connecting Transmission Owner's Attachment Facilities and System Upgrade Facilities and System Deliverability Upgrades. If the two Parties are unable to reach agreement on such terms and conditions, Connecting Transmission Owner shall assume responsibility for the design, procurement and construction of the Connecting Transmission Owner's Attachment Facilities and System Upgrade Facilities and System Deliverability Upgrades pursuant to 5.1.1, Standard Option.

**5.2 General Conditions Applicable to Option to Build.**

If Developer assumes responsibility for the design, procurement and construction of the Connecting Transmission Owner's Attachment Facilities and Stand Alone System Upgrade Facilities,

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(1) Developer shall engineer, procure equipment, and construct the Connecting Transmission Owner's Attachment Facilities and Stand Alone System Upgrade Facilities (or portions thereof) using Good Utility Practice and using standards and specifications provided in advance by the Connecting Transmission Owner;

(2) Developer's engineering, procurement and construction of the Connecting Transmission Owner's Attachment Facilities and Stand Alone System Upgrade Facilities shall comply with all requirements of law to which Connecting Transmission Owner would be subject in the engineering, procurement or construction of the Connecting Transmission Owner's Attachment Facilities and Stand Alone System Upgrade Facilities;

(3) Connecting Transmission Owner shall review and approve the engineering design, equipment acceptance tests, and the construction of the Connecting Transmission Owner's Attachment Facilities and Stand Alone System Upgrade Facilities;

(4) Prior to commencement of construction, Developer shall provide to Connecting Transmission Owner and NYISO a schedule for construction of the Connecting Transmission Owner's Attachment Facilities and Stand Alone System Upgrade Facilities, and shall promptly respond to requests for information from Connecting Transmission Owner or NYISO;

(5) At any time during construction, Connecting Transmission Owner shall have the right to gain unrestricted access to the Connecting Transmission Owner's Attachment Facilities and Stand Alone System Upgrade Facilities and to conduct inspections of the same;

(6) At any time during construction, should any phase of the engineering, equipment procurement, or construction of the Connecting Transmission Owner's Attachment Facilities and Stand Alone System Upgrade Facilities not meet the standards and specifications provided by Connecting Transmission Owner, the Developer shall be obligated to remedy deficiencies in that portion of the Connecting Transmission Owner's Attachment Facilities and Stand Alone System Upgrade Facilities;

(7) Developer shall indemnify Connecting Transmission Owner and NYISO for claims arising from the Developer's construction of Connecting Transmission Owner's Attachment Facilities and Stand Alone System Upgrade Facilities under procedures applicable to Article 18.1 Indemnity;

(8) Developer shall transfer control of Connecting Transmission Owner's Attachment Facilities and Stand Alone System Upgrade Facilities to the Connecting Transmission Owner;

(9) Unless the Developer and Connecting Transmission Owner otherwise agree, Developer shall transfer ownership of Connecting Transmission Owner's Attachment Facilities and Stand Alone System Upgrade Facilities to Connecting Transmission Owner;

(10) Connecting Transmission Owner shall approve and accept for operation and maintenance the Connecting Transmission Owner's Attachment Facilities and Stand Alone



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System Upgrade Facilities to the extent engineered, procured, and constructed in accordance with this Article 5.2; and

(11) Developer shall deliver to NYISO and Connecting Transmission Owner “as built” drawings, information, and any other documents that are reasonably required by NYISO or Connecting Transmission Owner to assure that the Attachment Facilities and Stand Alone System Upgrade Facilities are built to the standards and specifications required by Connecting Transmission Owner.

### **5.3 Liquidated Damages.**

The actual damages to the Developer, in the event the Connecting Transmission Owner’s Attachment Facilities or System Upgrade Facilities or System Deliverability Upgrades are not completed by the dates designated by the Developer and accepted by the Connecting Transmission Owner pursuant to subparagraphs 5.1.2 or 5.1.4, above, may include Developer’s fixed operation and maintenance costs and lost opportunity costs. Such actual damages are uncertain and impossible to determine at this time. Because of such uncertainty, any liquidated damages paid by the Connecting Transmission Owner to the Developer in the event that Connecting Transmission Owner does not complete any portion of the Connecting Transmission Owner’s Attachment Facilities, System Upgrade Facilities or System Deliverability Upgrades by the applicable dates, shall be an amount equal to 1/2 of 1 percent per day of the actual cost of the Connecting Transmission Owner’s Attachment Facilities and System Upgrade Facilities and System Deliverability Upgrades, in the aggregate, for which Connecting Transmission Owner has assumed responsibility to design, procure and construct.

However, in no event shall the total liquidated damages exceed 20 percent of the actual cost of the Connecting Transmission Owner Attachment Facilities and System Upgrade Facilities and System Deliverability Upgrades for which the Connecting Transmission Owner has assumed responsibility to design, procure, and construct. The foregoing payments will be made by the Connecting Transmission Owner to the Developer as just compensation for the damages caused to the Developer, which actual damages are uncertain and impossible to determine at this time, and as reasonable liquidated damages, but not as a penalty or a method to secure performance of this Agreement. Liquidated damages, when the Developer and Connecting Transmission Owner agree to them, are the exclusive remedy for the Connecting Transmission Owner’s failure to meet its schedule.

Further, Connecting Transmission Owner shall not pay liquidated damages to Developer if: (1) Developer is not ready to commence use of the Connecting Transmission Owner’s Attachment Facilities or System Upgrade Facilities or System Deliverability Upgrades to take the delivery of power for the Developer’s Large Generating Facility’s Trial Operation or to export power from the Developer’s Large Generating Facility on the specified dates, unless the Developer would have been able to commence use of the Connecting Transmission Owner’s Attachment Facilities or System Upgrade Facilities or System Deliverability Upgrades to take the delivery of power for Developer’s Large Generating Facility’s Trial Operation or to export power from the Developer’s Large Generating Facility, but for Connecting Transmission Owner’s delay; (2) the Connecting Transmission Owner’s failure to meet the specified dates is

the result of the action or inaction of the Developer or any other Developer who has entered into a Standard Large Generator Interconnection Agreement with the Connecting Transmission Owner and NYISO, or action or inaction by any other Party, or any other cause beyond Connecting Transmission Owner's reasonable control or reasonable ability to cure; (3) the Developer has assumed responsibility for the design, procurement and construction of the Connecting Transmission Owner's Attachment Facilities and Stand Alone System Upgrade Facilities; or (4) the Connecting Transmission Owner and Developer have otherwise agreed. In no event shall NYISO have any liability whatever to Developer for liquidated damages associated with the engineering, procurement or construction of Attachment Facilities or System Upgrade Facilities or System Deliverability Upgrades.

#### **5.4 Power System Stabilizers.**

The Developer shall procure, install, maintain and operate Power System Stabilizers in accordance with the requirements identified in the Interconnection Studies conducted for Developer's Large Generating Facility. NYISO and Connecting Transmission Owner reserve the right to reasonably establish minimum acceptable settings for any installed Power System Stabilizers, subject to the design and operating limitations of the Large Generating Facility. If the Large Generating Facility's Power System Stabilizers are removed from service or not capable of automatic operation, the Developer shall immediately notify the Connecting Transmission Owner and NYISO. The requirements of this paragraph shall not apply to wind generators.

#### **5.5 Equipment Procurement.**

If responsibility for construction of the Connecting Transmission Owner's Attachment Facilities or System Upgrade Facilities or System Deliverability Upgrades is to be borne by the Connecting Transmission Owner, then the Connecting Transmission Owner shall commence design of the Connecting Transmission Owner's Attachment Facilities or System Upgrade Facilities or System Deliverability Upgrades and procure necessary equipment as soon as practicable after all of the following conditions are satisfied, unless the Developer and Connecting Transmission Owner otherwise agree in writing:

**5.5.1** NYISO and Connecting Transmission Owner have completed the Interconnection Facilities Study pursuant to the Interconnection Facilities Study Agreement;

**5.5.2** The NYISO has completed the required cost allocation analyses, and Developer has accepted his share of the costs for necessary System Upgrade Facilities and System Deliverability Upgrades in accordance with the provisions of Attachment S of the NYISO OATT;

**5.5.3** The Connecting Transmission Owner has received written authorization to proceed with design and procurement from the Developer by the date specified in Appendix B hereto; and

**5.5.4** The Developer has provided security to the Connecting Transmission Owner in accordance with Article 11.5 by the dates specified in Appendix B hereto.



**5.6 Construction Commencement.**

The Connecting Transmission Owner shall commence construction of the Connecting Transmission Owner's Attachment Facilities and System Upgrade Facilities and System Deliverability Upgrades for which it is responsible as soon as practicable after the following additional conditions are satisfied:

**5.6.1** Approval of the appropriate Governmental Authority has been obtained for any facilities requiring regulatory approval;

**5.6.2** Necessary real property rights and rights-of-way have been obtained, to the extent required for the construction of a discrete aspect of the Connecting Transmission Owner's Attachment Facilities and System Upgrade Facilities and System Deliverability Upgrades;

**5.6.3** The Connecting Transmission Owner has received written authorization to proceed with construction from the Developer by the date specified in Appendix B hereto; and

**5.6.4** The Developer has provided security to the Connecting Transmission Owner in accordance with Article 11.5 by the dates specified in Appendix B hereto.

**5.7 Work Progress.**

The Developer and Connecting Transmission Owner will keep each other, and NYISO, advised periodically as to the progress of their respective design, procurement and construction efforts. Any Party may, at any time, request a progress report from the Developer or Connecting Transmission Owner. If, at any time, the Developer determines that the completion of the Connecting Transmission Owner's Attachment Facilities will not be required until after the specified In-Service Date, the Developer will provide written notice to the Connecting Transmission Owner and NYISO of such later date upon which the completion of the Connecting Transmission Owner's Attachment Facilities will be required.

**5.8 Information Exchange.**

As soon as reasonably practicable after the Effective Date, the Developer and Connecting Transmission Owner shall exchange information, and provide NYISO the same information, regarding the design and compatibility of their respective Attachment Facilities and compatibility of the Attachment Facilities with the New York State Transmission System, and shall work diligently and in good faith to make any necessary design changes.

**5.9 Limited Operation.**

If any of the Connecting Transmission Owner's Attachment Facilities or System Upgrade Facilities or System Deliverability Upgrades are not reasonably expected to be completed prior to the Commercial Operation Date of the Developer's Large Generating Facility, NYISO shall, upon the request and at the expense of Developer, in conjunction with the Connecting Transmission Owner, perform operating studies on a timely basis to determine the extent to which the Developer's Large Generating Facility and the Developer's Attachment Facilities may

operate prior to the completion of the Connecting Transmission Owner's Attachment Facilities or System Upgrade Facilities or System Deliverability Upgrades consistent with Applicable Laws and Regulations, Applicable Reliability Standards, Good Utility Practice, and this Agreement. Connecting Transmission Owner and NYISO shall permit Developer to operate the Developer's Large Generating Facility and the Developer's Attachment Facilities in accordance with the results of such studies.

**5.10 Developer's Attachment Facilities ("DAF").**

Developer shall, at its expense, design, procure, construct, own and install the DAF, as set forth in Appendix A hereto.

**5.10.1 DAF Specifications.**

Developer shall submit initial specifications for the DAF, including System Protection Facilities, to Connecting Transmission Owner and NYISO at least one hundred eighty (180) Calendar Days prior to the Initial Synchronization Date; and final specifications for review and comment at least ninety (90) Calendar Days prior to the Initial Synchronization Date. Connecting Transmission Owner and NYISO shall review such specifications to ensure that the DAF are compatible with the technical specifications, operational control, and safety requirements of the Connecting Transmission Owner and NYISO and comment on such specifications within thirty (30) Calendar Days of Developer's submission. All specifications provided hereunder shall be deemed to be Confidential Information.

**5.10.2 No Warranty.**

The review of Developer's final specifications by Connecting Transmission Owner and NYISO shall not be construed as confirming, endorsing, or providing a warranty as to the design, fitness, safety, durability or reliability of the Large Generating Facility, or the DAF. Developer shall make such changes to the DAF as may reasonably be required by Connecting Transmission Owner or NYISO, in accordance with Good Utility Practice, to ensure that the DAF are compatible with the technical specifications, operational control, and safety requirements of the Connecting Transmission Owner and NYISO.

**5.10.3 DAF Construction.**

The DAF shall be designed and constructed in accordance with Good Utility Practice. Within one hundred twenty (120) Calendar Days after the Commercial Operation Date, unless the Developer and Connecting Transmission Owner agree on another mutually acceptable deadline, the Developer shall deliver to the Connecting Transmission Owner and NYISO "as-built" drawings, information and documents for the DAF, such as: a one-line diagram, a site plan showing the Large Generating Facility and the DAF, plan and elevation drawings showing the layout of the DAF, a relay functional diagram, relaying AC and DC schematic wiring diagrams and relay settings for all facilities associated with the Developer's step-up transformers, the facilities connecting the Large Generating Facility to the step-up transformers and the DAF, and the impedances (determined by factory tests) for the associated step-up transformers and the

Large Generating Facility. The Developer shall provide to, and coordinate with, Connecting Transmission Owner and NYISO with respect to proposed specifications for the excitation system, automatic voltage regulator, Large Generating Facility control and protection settings, transformer tap settings, and communications, if applicable.

**5.11 Connecting Transmission Owner's Attachment Facilities Construction.**

The Connecting Transmission Owner's Attachment Facilities shall be designed and constructed in accordance with Good Utility Practice. Upon request, within one hundred twenty (120) Calendar Days after the Commercial Operation Date, unless the Connecting Transmission Owner and Developer agree on another mutually acceptable deadline, the Connecting Transmission Owner shall deliver to the Developer "as-built" drawings, relay diagrams, information and documents for the Connecting Transmission Owner's Attachment Facilities set forth in Appendix A.

The Connecting Transmission Owner shall transfer operational control of the Connecting Transmission Owner's Attachment Facilities and Stand Alone System Upgrade Facilities to the NYISO upon completion of such facilities.

**5.12 Access Rights.**

Upon reasonable notice and supervision by the Granting Party, and subject to any required or necessary regulatory approvals, either the Connecting Transmission Owner or Developer ("Granting Party") shall furnish to the other of those two Parties ("Access Party") at no cost any rights of use, licenses, rights of way and easements with respect to lands owned or controlled by the Granting Party, its agents (if allowed under the applicable agency agreement), or any Affiliate, that are necessary to enable the Access Party to obtain ingress and egress at the Point of Interconnection to construct, operate, maintain, repair, test (or witness testing), inspect, replace or remove facilities and equipment to: (i) interconnect the Large Generating Facility with the New York State Transmission System; (ii) operate and maintain the Large Generating Facility, the Attachment Facilities and the New York State Transmission System; and (iii) disconnect or remove the Access Party's facilities and equipment upon termination of this Agreement. In exercising such licenses, rights of way and easements, the Access Party shall not unreasonably disrupt or interfere with normal operation of the Granting Party's business and shall adhere to the safety rules and procedures established in advance, as may be changed from time to time, by the Granting Party and provided to the Access Party. The Access Party shall indemnify the Granting Party against all claims of injury or damage from third parties resulting from the exercise of the access rights provided for herein.

**5.13 Lands of Other Property Owners.**

If any part of the Connecting Transmission Owner's Attachment Facilities and/or System Upgrade Facilities and/or System Deliverability Upgrades is to be installed on property owned by persons other than Developer or Connecting Transmission Owner, the Connecting Transmission Owner shall at Developer's expense use efforts, similar in nature and extent to those that it typically undertakes for its own or affiliated generation, including use of its eminent domain authority, and to the extent consistent with state law, to procure from such persons any

rights of use, licenses, rights of way and easements that are necessary to construct, operate, maintain, test, inspect, replace or remove the Connecting Transmission Owner's Attachment Facilities and/or System Upgrade Facilities and/or System Deliverability Upgrades upon such property.

**5.14 Permits.**

NYISO, Connecting Transmission Owner and the Developer shall cooperate with each other in good faith in obtaining all permits, licenses and authorizations that are necessary to accomplish the interconnection in compliance with Applicable Laws and Regulations. With respect to this paragraph, Connecting Transmission Owner shall provide permitting assistance to the Developer comparable to that provided to the Connecting Transmission Owner's own, or an Affiliate's generation, if any.

**5.15 Early Construction of Base Case Facilities.**

Developer may request Connecting Transmission Owner to construct, and Connecting Transmission Owner shall construct, subject to a binding cost allocation agreement reached in accordance with Attachment S to the NYISO OATT, including Section 25.8.7 thereof, using Reasonable Efforts to accommodate Developer's In-Service Date, all or any portion of any System Upgrade Facilities or System Deliverability Upgrades required for Developer to be interconnected to the New York State Transmission System which are included in the Base Case of the Class Year Interconnection Facilities Study for the Developer, and which also are required to be constructed for another Developer, but where such construction is not scheduled to be completed in time to achieve Developer's In-Service Date.

**5.16 Suspension.**

Developer reserves the right, upon written notice to Connecting Transmission Owner and NYISO, to suspend at any time all work by Connecting Transmission Owner associated with the construction and installation of Connecting Transmission Owner's Attachment Facilities and/or System Upgrade Facilities and/or System Deliverability Upgrades required for only that Developer under this Agreement with the condition that the New York State Transmission System shall be left in a safe and reliable condition in accordance with Good Utility Practice and the safety and reliability criteria of Connecting Transmission Owner and NYISO. In such event, Developer shall be responsible for all reasonable and necessary costs and/or obligations in accordance with Attachment S to the NYISO OATT including those which Connecting Transmission Owner (i) has incurred pursuant to this Agreement prior to the suspension and (ii) incurs in suspending such work, including any costs incurred to perform such work as may be necessary to ensure the safety of persons and property and the integrity of the New York State Transmission System during such suspension and, if applicable, any costs incurred in connection with the cancellation or suspension of material, equipment and labor contracts which Connecting Transmission Owner cannot reasonably avoid; provided, however, that prior to canceling or suspending any such material, equipment or labor contract, Connecting Transmission Owner shall obtain Developer's authorization to do so.

Connecting Transmission Owner shall invoice Developer for such costs pursuant to Article 12 and shall use due diligence to minimize its costs. In the event Developer suspends work by Connecting Transmission Owner required under this Agreement pursuant to this Article 5.16, and has not requested Connecting Transmission Owner to recommence the work required under this Agreement on or before the expiration of three (3) years following commencement of such suspension, this Agreement shall be deemed terminated. The three-year period shall begin on the date the suspension is requested, or the date of the written notice to Connecting Transmission Owner and NYISO, if no effective date is specified.

**5.17 Taxes.**

**5.17.1 Developer Payments Not Taxable.**

The Developer and Connecting Transmission Owner intend that all payments or property transfers made by Developer to Connecting Transmission Owner for the installation of the Connecting Transmission Owner's Attachment Facilities and the System Upgrade Facilities and the System Deliverability Upgrades shall be non-taxable, either as contributions to capital, or as an advance, in accordance with the Internal Revenue Code and any applicable state income tax laws and shall not be taxable as contributions in aid of construction or otherwise under the Internal Revenue Code and any applicable state income tax laws.

**5.17.2 Representations and Covenants.**

In accordance with IRS Notice 2001-82 and IRS Notice 88-129, Developer represents and covenants that (i) ownership of the electricity generated at the Large Generating Facility will pass to another party prior to the transmission of the electricity on the New York State Transmission System, (ii) for income tax purposes, the amount of any payments and the cost of any property transferred to the Connecting Transmission Owner for the Connecting Transmission Owner's Attachment Facilities will be capitalized by Developer as an intangible asset and recovered using the straight-line method over a useful life of twenty (20) years, and (iii) any portion of the Connecting Transmission Owner's Attachment Facilities that is a "dual-use intertie," within the meaning of IRS Notice 88-129, is reasonably expected to carry only a de minimis amount of electricity in the direction of the Large Generating Facility. For this purpose, "de minimis amount" means no more than 5 percent of the total power flows in both directions, calculated in accordance with the "5 percent test" set forth in IRS Notice 88-129. This is not intended to be an exclusive list of the relevant conditions that must be met to conform to IRS requirements for non-taxable treatment.

At Connecting Transmission Owner's request, Developer shall provide Connecting Transmission Owner with a report from an independent engineer confirming its representation in clause (iii), above. Connecting Transmission Owner represents and covenants that the cost of the Connecting Transmission Owner's Attachment Facilities paid for by Developer will have no net effect on the base upon which rates are determined.

**5.17.3 Indemnification for the Cost Consequences of Current Tax Liability Imposed Upon the Connecting Transmission Owner.**

Notwithstanding Article 5.17.1, Developer shall protect, indemnify and hold harmless Connecting Transmission Owner from the cost consequences of any current tax liability imposed against Connecting Transmission Owner as the result of payments or property transfers made by Developer to Connecting Transmission Owner under this Agreement, as well as any interest and penalties, other than interest and penalties attributable to any delay caused by Connecting Transmission Owner.

Connecting Transmission Owner shall not include a gross-up for the cost consequences of any current tax liability in the amounts it charges Developer under this Agreement unless (i) Connecting Transmission Owner has determined, in good faith, that the payments or property transfers made by Developer to Connecting Transmission Owner should be reported as income subject to taxation or (ii) any Governmental Authority directs Connecting Transmission Owner to report payments or property as income subject to taxation; provided, however, that Connecting Transmission Owner may require Developer to provide security, in a form reasonably acceptable to Connecting Transmission Owner (such as a parental guarantee or a letter of credit), in an amount equal to the cost consequences of any current tax liability under this Article 5.17. Developer shall reimburse Connecting Transmission Owner for such costs on a fully grossed-up basis, in accordance with Article 5.17.4, within thirty (30) Calendar Days of receiving written notification from Connecting Transmission Owner of the amount due, including detail about how the amount was calculated.

This indemnification obligation shall terminate at the earlier of (1) the expiration of the ten-year testing period and the applicable statute of limitation, as it may be extended by the Connecting Transmission Owner upon request of the IRS, to keep these years open for audit or adjustment, or (2) the occurrence of a subsequent taxable event and the payment of any related indemnification obligations as contemplated by this Article 5.17.

**5.17.4 Tax Gross-Up Amount.**

Developer's liability for the cost consequences of any current tax liability under this Article 5.17 shall be calculated on a fully grossed-up basis. Except as may otherwise be agreed to by the parties, this means that Developer will pay Connecting Transmission Owner, in addition to the amount paid for the Attachment Facilities and System Upgrade Facilities and System Deliverability Upgrades, an amount equal to (1) the current taxes imposed on Connecting Transmission Owner ("Current Taxes") on the excess of (a) the gross income realized by Connecting Transmission Owner as a result of payments or property transfers made by Developer to Connecting Transmission Owner under this Agreement (without regard to any payments under this Article 5.17) (the "Gross Income Amount") over (b) the present value of future tax deductions for depreciation that will be available as a result of such payments or property transfers (the "Present Value Depreciation Amount"), plus (2) an additional amount sufficient to permit the Connecting Transmission Owner to receive and retain, after the payment of all Current Taxes, an amount equal to the net amount described in clause (1).



For this purpose, (i) Current Taxes shall be computed based on Connecting Transmission Owner's composite federal and state tax rates at the time the payments or property transfers are received and Connecting Transmission Owner will be treated as being subject to tax at the highest marginal rates in effect at that time (the "Current Tax Rate"), and (ii) the Present Value Depreciation Amount shall be computed by discounting Connecting Transmission Owner's anticipated tax depreciation deductions as a result of such payments or property transfers by Connecting Transmission Owner's current weighted average cost of capital. Thus, the formula for calculating Developer's liability to Connecting Transmission Owner pursuant to this Article 5.17.4 can be expressed as follows:  $(\text{Current Tax Rate} \times (\text{Gross Income Amount} - \text{Present Value of Tax Depreciation})) / (1 - \text{Current Tax Rate})$ . Developer's estimated tax liability in the event taxes are imposed shall be stated in Appendix A, Attachment Facilities and System Upgrade Facilities and System Deliverability Upgrades.

**5.17.5 Private Letter Ruling or Change or Clarification of Law.**

At Developer's request and expense, Connecting Transmission Owner shall file with the IRS a request for a private letter ruling as to whether any property transferred or sums paid, or to be paid, by Developer to Connecting Transmission Owner under this Agreement are subject to federal income taxation. Developer will prepare the initial draft of the request for a private letter ruling, and will certify under penalties of perjury that all facts represented in such request are true and accurate to the best of Developer's knowledge. Connecting Transmission Owner and Developer shall cooperate in good faith with respect to the submission of such request.

Connecting Transmission Owner shall keep Developer fully informed of the status of such request for a private letter ruling and shall execute either a privacy act waiver or a limited power of attorney, in a form acceptable to the IRS, that authorizes Developer to participate in all discussions with the IRS regarding such request for a private letter ruling. Connecting Transmission Owner shall allow Developer to attend all meetings with IRS officials about the request and shall permit Developer to prepare the initial drafts of any follow-up letters in connection with the request.

**5.17.6 Subsequent Taxable Events.**

If, within 10 years from the date on which the relevant Connecting Transmission Owner Attachment Facilities are placed in service, (i) Developer Breaches the covenants contained in Article 5.17.2, (ii) a "disqualification event" occurs within the meaning of IRS Notice 88-129, or (iii) this Agreement terminates and Connecting Transmission Owner retains ownership of the Attachment Facilities and System Upgrade Facilities and System Deliverability Upgrades, the Developer shall pay a tax gross-up for the cost consequences of any current tax liability imposed on Connecting Transmission Owner, calculated using the methodology described in Article 5.17.4 and in accordance with IRS Notice 90-60.

**5.17.7 Contests.**

In the event any Governmental Authority determines that Connecting Transmission Owner's receipt of payments or property constitutes income that is subject to taxation,

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Connecting Transmission Owner shall notify Developer, in writing, within thirty (30) Calendar Days of receiving notification of such determination by a Governmental Authority. Upon the timely written request by Developer and at Developer's sole expense, Connecting Transmission Owner may appeal, protest, seek abatement of, or otherwise oppose such determination. Upon Developer's written request and sole expense, Connecting Transmission Owner may file a claim for refund with respect to any taxes paid under this Article 5.17, whether or not it has received such a determination. Connecting Transmission Owner reserves the right to make all decisions with regard to the prosecution of such appeal, protest, abatement or other contest, including the selection of counsel and compromise or settlement of the claim, but Connecting Transmission Owner shall keep Developer informed, shall consider in good faith suggestions from Developer about the conduct of the contest, and shall reasonably permit Developer or an Developer representative to attend contest proceedings.

Developer shall pay to Connecting Transmission Owner on a periodic basis, as invoiced by Connecting Transmission Owner, Connecting Transmission Owner's documented reasonable costs of prosecuting such appeal, protest, abatement or other contest. At any time during the contest, Connecting Transmission Owner may agree to a settlement either with Developer's consent or after obtaining written advice from nationally-recognized tax counsel, selected by Connecting Transmission Owner, but reasonably acceptable to Developer, that the proposed settlement represents a reasonable settlement given the hazards of litigation. Developer's obligation shall be based on the amount of the settlement agreed to by Developer, or if a higher amount, so much of the settlement that is supported by the written advice from nationally-recognized tax counsel selected under the terms of the preceding sentence. The settlement amount shall be calculated on a fully grossed-up basis to cover any related cost consequences of the current tax liability. Any settlement without Developer's consent or such written advice will relieve Developer from any obligation to indemnify Connecting Transmission Owner for the tax at issue in the contest.

### **5.17.8 Refund.**

In the event that (a) a private letter ruling is issued to Connecting Transmission Owner which holds that any amount paid or the value of any property transferred by Developer to Connecting Transmission Owner under the terms of this Agreement is not subject to federal income taxation, (b) any legislative change or administrative announcement, notice, ruling or other determination makes it reasonably clear to Connecting Transmission Owner in good faith that any amount paid or the value of any property transferred by Developer to Connecting Transmission Owner under the terms of this Agreement is not taxable to Connecting Transmission Owner, (c) any abatement, appeal, protest, or other contest results in a determination that any payments or transfers made by Developer to Connecting Transmission Owner are not subject to federal income tax, or (d) if Connecting Transmission Owner receives a refund from any taxing authority for any overpayment of tax attributable to any payment or property transfer made by Developer to Connecting Transmission Owner pursuant to this Agreement, Connecting Transmission Owner shall promptly refund to Developer the following:

(i) Any payment made by Developer under this Article 5.17 for taxes that is attributable to the amount determined to be non-taxable, together with interest thereon,



(ii) Interest on any amounts paid by Developer to Connecting Transmission Owner for such taxes which Connecting Transmission Owner did not submit to the taxing authority, calculated in accordance with the methodology set forth in FERC's regulations at 18 C.F.R. §35.19a(a)(2)(iii) from the date payment was made by Developer to the date Connecting Transmission Owner refunds such payment to Developer, and

(iii) With respect to any such taxes paid by Connecting Transmission Owner, any refund or credit Connecting Transmission Owner receives or to which it may be entitled from any Governmental Authority, interest (or that portion thereof attributable to the payment described in clause (i), above) owed to the Connecting Transmission Owner for such overpayment of taxes (including any reduction in interest otherwise payable by Connecting Transmission Owner to any Governmental Authority resulting from an offset or credit); provided, however, that Connecting Transmission Owner will remit such amount promptly to Developer only after and to the extent that Connecting Transmission Owner has received a tax refund, credit or offset from any Governmental Authority for any applicable overpayment of income tax related to the Connecting Transmission Owner's Attachment Facilities.

The intent of this provision is to leave both the Developer and Connecting Transmission Owner, to the extent practicable, in the event that no taxes are due with respect to any payment for Attachment Facilities and System Upgrade Facilities and System Deliverability Upgrades hereunder, in the same position they would have been in had no such tax payments been made.

#### **5.17.9 Taxes Other Than Income Taxes.**

Upon the timely request by Developer, and at Developer's sole expense, Connecting Transmission Owner shall appeal, protest, seek abatement of, or otherwise contest any tax (other than federal or state income tax) asserted or assessed against Connecting Transmission Owner for which Developer may be required to reimburse Connecting Transmission Owner under the terms of this Agreement. Developer shall pay to Connecting Transmission Owner on a periodic basis, as invoiced by Connecting Transmission Owner, Connecting Transmission Owner's documented reasonable costs of prosecuting such appeal, protest, abatement, or other contest. Developer and Connecting Transmission Owner shall cooperate in good faith with respect to any such contest. Unless the payment of such taxes is a prerequisite to an appeal or abatement or cannot be deferred, no amount shall be payable by Developer to Connecting Transmission Owner for such taxes until they are assessed by a final, non-appealable order by any court or agency of competent jurisdiction. In the event that a tax payment is withheld and ultimately due and payable after appeal, Developer will be responsible for all taxes, interest and penalties, other than penalties attributable to any delay caused by Connecting Transmission Owner.

#### **5.18 Tax Status; Non-Jurisdictional Entities.**

##### **5.18.1 Tax Status.**

Each Party shall cooperate with the other Parties to maintain the other Parties' tax status. Nothing in this Agreement is intended to adversely affect the tax status of any Party including

the status of NYISO, or the status of any Connecting Transmission Owner with respect to the issuance of bonds including, but not limited to, Local Furnishing Bonds. Notwithstanding any other provisions of this Agreement, LIPA, NYPA and Consolidated Edison Company of New York, Inc. shall not be required to comply with any provisions of this Agreement that would result in the loss of tax-exempt status of any of their Tax-Exempt Bonds or impair their ability to issue future tax-exempt obligations. For purposes of this provision, Tax-Exempt Bonds shall include the obligations of the Long Island Power Authority, NYPA and Consolidated Edison Company of New York, Inc., the interest on which is not included in gross income under the Internal Revenue Code.

**5.18.2 Non-Jurisdictional Entities.**

LIPA and NYPA do not waive their exemptions, pursuant to Section 201(f) of the FPA, from Commission jurisdiction with respect to the Commission's exercise of the FPA's general ratemaking authority.

**5.19 Modification.**

**5.19.1 General.**

Either the Developer or Connecting Transmission Owner may undertake modifications to its facilities covered by this Agreement. If either the Developer or Connecting Transmission Owner plans to undertake a modification that reasonably may be expected to affect the other Party's facilities, that Party shall provide to the other Party, and to NYISO, sufficient information regarding such modification so that the other Party and NYISO may evaluate the potential impact of such modification prior to commencement of the work. Such information shall be deemed to be Confidential Information hereunder and shall include information concerning the timing of such modifications and whether such modifications are expected to interrupt the flow of electricity from the Large Generating Facility. The Party desiring to perform such work shall provide the relevant drawings, plans, and specifications to the other Party and NYISO at least ninety (90) Calendar Days in advance of the commencement of the work or such shorter period upon which the Parties may agree, which agreement shall not unreasonably be withheld, conditioned or delayed.

In the case of Large Generating Facility modifications that do not require Developer to submit an Interconnection Request, the NYISO shall provide, within sixty (60) Calendar Days (or such other time as the Parties may agree), an estimate of any additional modifications to the New York State Transmission System, Connecting Transmission Owner's Attachment Facilities or System Upgrade Facilities or System Deliverability Upgrades necessitated by such Developer modification and a good faith estimate of the costs thereof. The Developer shall be responsible for the cost of any such additional modifications, including the cost of studying the impact of the Developer modification.

**5.19.2 Standards.**

Any additions, modifications, or replacements made to a Party's facilities shall be designed, constructed and operated in accordance with this Agreement, NYISO requirements and Good Utility Practice.

**5.19.3 Modification Costs.**

Developer shall not be assigned the costs of any additions, modifications, or replacements that Connecting Transmission Owner makes to the Connecting Transmission Owner's Attachment Facilities or the New York State Transmission System to facilitate the interconnection of a third party to the Connecting Transmission Owner's Attachment Facilities or the New York State Transmission System, or to provide Transmission Service to a third party under the NYISO OATT, except in accordance with the cost allocation procedures in Attachment S of the NYISO OATT. Developer shall be responsible for the costs of any additions, modifications, or replacements to the Developer Attachment Facilities that may be necessary to maintain or upgrade such Developer Attachment Facilities consistent with Applicable Laws and Regulations, Applicable Reliability Standards or Good Utility Practice.

**ARTICLE 6. TESTING AND INSPECTION**

**6.1 Pre-Commercial Operation Date Testing and Modifications.**

Prior to the Commercial Operation Date, the Connecting Transmission Owner shall test the Connecting Transmission Owner's Attachment Facilities and System Upgrade Facilities and System Deliverability Upgrades and Developer shall test the Large Generating Facility and the Developer Attachment Facilities to ensure their safe and reliable operation. Similar testing may be required after initial operation. Developer and Connecting Transmission Owner shall each make any modifications to its facilities that are found to be necessary as a result of such testing. Developer shall bear the cost of all such testing and modifications. Developer shall generate test energy at the Large Generating Facility only if it has arranged for the injection of such test energy in accordance with NYISO procedures.

**6.2 Post-Commercial Operation Date Testing and Modifications.**

Developer and Connecting Transmission Owner shall each at its own expense perform routine inspection and testing of its facilities and equipment in accordance with Good Utility Practice and Applicable Reliability Standards as may be necessary to ensure the continued interconnection of the Large Generating Facility with the New York State Transmission System in a safe and reliable manner. Developer and Connecting Transmission Owner shall each have the right, upon advance written notice, to require reasonable additional testing of the other Party's facilities, at the requesting Party's expense, as may be in accordance with Good Utility Practice.

**6.3 Right to Observe Testing.**

Developer and Connecting Transmission Owner shall each notify the other Party, and the NYISO, in advance of its performance of tests of its Attachment Facilities. The other Party, and the NYISO, shall each have the right, at its own expense, to observe such testing.

**6.4 Right to Inspect.**

Developer and Connecting Transmission Owner shall each have the right, but shall have no obligation to: (i) observe the other Party's tests and/or inspection of any of its System Protection Facilities and other protective equipment, including Power System Stabilizers; (ii) review the settings of the other Party's System Protection Facilities and other protective equipment; and (iii) review the other Party's maintenance records relative to the Attachment Facilities, the System Protection Facilities and other protective equipment. NYISO shall have these same rights of inspection as to the facilities and equipment of Developer and Connecting Transmission Owner. A Party may exercise these rights from time to time as it deems necessary upon reasonable notice to the other Party. The exercise or non-exercise by a Party of any such rights shall not be construed as an endorsement or confirmation of any element or condition of the Attachment Facilities or the System Protection Facilities or other protective equipment or the operation thereof, or as a warranty as to the fitness, safety, desirability, or reliability of same. Any information that a Party obtains through the exercise of any of its rights under this Article 6.4 shall be treated in accordance with Article 22 of this Agreement and Attachment F to the NYISO OATT.

**ARTICLE 7. METERING**

**7.1 General.**

Developer and Connecting Transmission Owner shall each comply with applicable requirements of NYISO and the New York Public Service Commission when exercising its rights and fulfilling its responsibilities under this Article 7. Unless otherwise agreed by the Connecting Transmission Owner and NYISO approved meter service provider and Developer, the Connecting Transmission Owner shall install Metering Equipment at the Point of Interconnection prior to any operation of the Large Generating Facility and shall own, operate, test and maintain such Metering Equipment. Net power flows including MW and MVAR, MWH and loss profile data to and from the Large Generating Facility shall be measured at the Point of Interconnection. Connecting Transmission Owner shall provide metering quantities, in analog and/or digital form, as required, to Developer or NYISO upon request. Where the Point of Interconnection for the Large Generating Facility is other than the generator terminal, the Developer shall also provide gross MW and MVAR quantities at the generator terminal. Developer shall bear all reasonable documented costs associated with the purchase, installation, operation, testing and maintenance of the Metering Equipment.

**7.2 Check Meters.**

Developer, at its option and expense, may install and operate, on its premises and on its side of the Point of Interconnection, one or more check meters to check Connecting

Transmission Owner's meters. Such check meters shall be for check purposes only and shall not be used for the measurement of power flows for purposes of this Agreement, except as provided in Article 7.4 below. The check meters shall be subject at all reasonable times to inspection and examination by Connecting Transmission Owner or its designee. The installation, operation and maintenance thereof shall be performed entirely by Developer in accordance with Good Utility Practice.

### **7.3 Standards.**

Connecting Transmission Owner shall install, calibrate, and test revenue quality Metering Equipment including potential transformers and current transformers in accordance with applicable ANSI and PSC standards as detailed in the NYISO Control Center Communications Manual and in the NYISO Revenue Metering Requirements Manual.

### **7.4 Testing of Metering Equipment.**

Connecting Transmission Owner shall inspect and test all of its Metering Equipment upon installation and at least once every two (2) years thereafter. If requested to do so by NYISO or Developer, Connecting Transmission Owner shall, at Developer's expense, inspect or test Metering Equipment more frequently than every two (2) years. Connecting Transmission Owner shall give reasonable notice of the time when any inspection or test shall take place, and Developer and NYISO may have representatives present at the test or inspection. If at any time Metering Equipment is found to be inaccurate or defective, it shall be adjusted, repaired or replaced at Developer's expense, in order to provide accurate metering, unless the inaccuracy or defect is due to Connecting Transmission Owner's failure to maintain, then Connecting Transmission Owner shall pay. If Metering Equipment fails to register, or if the measurement made by Metering Equipment during a test varies by more than two percent from the measurement made by the standard meter used in the test, Connecting Transmission Owner shall adjust the measurements by correcting all measurements for the period during which Metering Equipment was in error by using Developer's check meters, if installed. If no such check meters are installed or if the period cannot be reasonably ascertained, the adjustment shall be for the period immediately preceding the test of the Metering Equipment equal to one-half the time from the date of the last previous test of the Metering Equipment. The NYISO shall reserve the right to review all associated metering equipment installation on the Developer's or Connecting Transmission Owner's property at any time.

### **7.5 Metering Data.**

At Developer's expense, the metered data shall be telemetered to one or more locations designated by Connecting Transmission Owner, Developer and NYISO. Such telemetered data shall be used, under normal operating conditions, as the official measurement of the amount of energy delivered from the Large Generating Facility to the Point of Interconnection.

**ARTICLE 8. COMMUNICATIONS**

**8.1 Developer Obligations.**

In accordance with applicable NYISO requirements, Developer shall maintain satisfactory operating communications with Connecting Transmission Owner and NYISO. Developer shall provide standard voice line, dedicated voice line and facsimile communications at its Large Generating Facility control room or central dispatch facility through use of either the public telephone system, or a voice communications system that does not rely on the public telephone system. Developer shall also provide the dedicated data circuit(s) necessary to provide Developer data to Connecting Transmission Owner and NYISO as set forth in Appendix D hereto. The data circuit(s) shall extend from the Large Generating Facility to the location(s) specified by Connecting Transmission Owner and NYISO. Any required maintenance of such communications equipment shall be performed by Developer. Operational communications shall be activated and maintained under, but not be limited to, the following events: system paralleling or separation, scheduled and unscheduled shutdowns, equipment clearances, and hourly and daily load data.

**8.2 Remote Terminal Unit.**

Prior to the Initial Synchronization Date of the Large Generating Facility, a Remote Terminal Unit, or equivalent data collection and transfer equipment acceptable to the Parties, shall be installed by Developer, or by Connecting Transmission Owner at Developer's expense, to gather accumulated and instantaneous data to be telemetered to the location(s) designated by Connecting Transmission Owner and NYISO through use of a dedicated point-to-point data circuit(s) as indicated in Article 8.1. The communication protocol for the data circuit(s) shall be specified by Connecting Transmission Owner and NYISO. Instantaneous bi-directional analog real power and reactive power flow information must be telemetered directly to the location(s) specified by Connecting Transmission Owner and NYISO.

Each Party will promptly advise the appropriate other Party if it detects or otherwise learns of any metering, telemetry or communications equipment errors or malfunctions that require the attention and/or correction by that other Party. The Party owning such equipment shall correct such error or malfunction as soon as reasonably feasible.

**8.3 No Annexation.**

Any and all equipment placed on the premises of a Party shall be and remain the property of the Party providing such equipment regardless of the mode and manner of annexation or attachment to real property, unless otherwise mutually agreed by the Party providing such equipment and the Party receiving such equipment.



**ARTICLE 9. OPERATIONS**

**9.1 General.**

Each Party shall comply with Applicable Laws and Regulations and Applicable Reliability Standards. Each Party shall provide to the other Parties all information that may reasonably be required by the other Parties to comply with Applicable Laws and Regulations and Applicable Reliability Standards.

**9.2 NYISO and Connecting Transmission Owner Obligations.**

Connecting Transmission Owner and NYISO shall cause the New York State Transmission System and the Connecting Transmission Owner's Attachment Facilities to be operated, maintained and controlled in a safe and reliable manner in accordance with this Agreement and the NYISO Tariffs. Connecting Transmission Owner and NYISO may provide operating instructions to Developer consistent with this Agreement, NYISO procedures and Connecting Transmission Owner's operating protocols and procedures as they may change from time to time. Connecting Transmission Owner and NYISO will consider changes to their respective operating protocols and procedures proposed by Developer.

**9.3 Developer Obligations.**

Developer shall at its own expense operate, maintain and control the Large Generating Facility and the Developer Attachment Facilities in a safe and reliable manner and in accordance with this Agreement. Developer shall operate the Large Generating Facility and the Developer Attachment Facilities in accordance with NYISO and Connecting Transmission Owner requirements, as such requirements are set forth or referenced in Appendix C hereto. Appendix C will be modified to reflect changes to the requirements as they may change from time to time. Any Party may request that the appropriate other Party or Parties provide copies of the requirements set forth or referenced in Appendix C hereto.

**9.4 Start-Up and Synchronization.**

Consistent with the mutually acceptable procedures of the Developer and Connecting Transmission Owner, the Developer is responsible for the proper synchronization of the Large Generating Facility to the New York State Transmission System in accordance with NYISO and Connecting Transmission Owner procedures and requirements.

**9.5 Real and Reactive Power Control.**

**9.5.1 Power Factor Design Criteria.**

**9.5.1.1 Synchronous Generation.** Developer shall design the Large Generating Facility to maintain effective composite power delivery at continuous rated power output at the Point of Interconnection at a power factor within the range of 0.95 leading to 0.95 lagging unless the NYISO or the Transmission Owner in whose Transmission District the Large Generating Facility interconnects has established different requirements that apply to all generators in the New York

Control Area or Transmission District (as applicable) on a comparable basis, in accordance with Good Utility Practice.

The Developer shall design and maintain the plant auxiliary systems to operate safely throughout the entire real and reactive power design range.

**9.5.1.2 Non-Synchronous Generation.** Developer shall design the Large Generating Facility to maintain composite power delivery at continuous rated power output at the high-side of the generator substation at a power factor within the range of 0.95 leading to 0.95 lagging, unless the NYISO or the Transmission Owner in whose Transmission District the Large Generating Facility interconnects has established a different power factor range that applies to all non-synchronous generators in the Control Area or Transmission District (as applicable) on a comparable basis, in accordance with Good Utility Practice. This power factor range standard shall be dynamic and can be met using, for example, power electronics designed to supply this level of reactive capability (taking into account any limitations due to voltage level, real power output, etc.) or fixed and switched capacitors, or a combination of the two. This requirement shall only apply to newly interconnection non-synchronous generators that have not yet executed a Facilities Study Agreement as of September 21, 2016.

The Developer shall design and maintain the plant auxiliary systems to operate safely throughout the entire real and reactive power design range.

#### **9.5.2 Voltage Schedules.**

Once the Developer has synchronized the Large Generating Facility with the New York State Transmission System, NYISO shall require Developer to operate the Large Generating Facility to produce or absorb reactive power within the design capability of the Large Generating Facility set forth in Article 9.5.1 (Power Factor Design Criteria). NYISO's voltage schedules shall treat all sources of reactive power in the New York Control Area in an equitable and not unduly discriminatory manner. NYISO shall exercise Reasonable Efforts to provide Developer with such schedules in accordance with NYISO procedures, and may make changes to such schedules as necessary to maintain the reliability of the New York State Transmission System. Developer shall operate the Large Generating Facility to maintain the specified output voltage or power factor at the Point of Interconnection within the design capability of the Large Generating Facility set forth in Article 9.5.1 (Power Factor Design Criteria) as directed by the Connecting Transmission Owner's System Operator or the NYISO. If Developer is unable to maintain the specified voltage or power factor, it shall promptly notify NYISO.

#### **9.5.3 Payment for Reactive Power.**

NYISO shall pay Developer for reactive power or voltage support service that Developer provides from the Large Generating Facility in accordance with the provisions of Rate Schedule 2 of the NYISO Services Tariff.



**9.5.4 Governors and Regulators.**

Whenever the Large Generating Facility is operated in parallel with the New York State Transmission System, the turbine speed governors and automatic voltage regulators shall be in automatic operation at all times. If the Large Generating Facility's speed governors or automatic voltage regulators are not capable of such automatic operation, the Developer shall immediately notify NYISO, or its designated representative, and ensure that such Large Generating Facility's real and reactive power are within the design capability of the Large Generating Facility's generating unit(s) and steady state stability limits and NYISO system operating (thermal, voltage and transient stability) limits. Developer shall not cause its Large Generating Facility to disconnect automatically or instantaneously from the New York State Transmission System or trip any generating unit comprising the Large Generating Facility for an under or over frequency condition unless the abnormal frequency condition persists for a time period beyond the limits set forth in ANSI/IEEE Standard C37.106, or such other standard as applied to other generators in the New York Control Area on a comparable basis.

**9.6 Outages and Interruptions.**

**9.6.1 Outages.**

**9.6.1.1 Outage Authority and Coordination.**

Developer and Connecting Transmission Owner may each, in accordance with NYISO procedures and Good Utility Practice and in coordination with the other Party, remove from service any of its respective Attachment Facilities or System Upgrade Facilities and System Deliverability Upgrades that may impact the other Party's facilities as necessary to perform maintenance or testing or to install or replace equipment. Absent an Emergency State, the Party scheduling a removal of such facility(ies) from service will use Reasonable Efforts to schedule such removal on a date and time mutually acceptable to both the Developer and the Connecting Transmission Owner. In all circumstances either Party planning to remove such facility(ies) from service shall use Reasonable Efforts to minimize the effect on the other Party of such removal.

**9.6.1.2 Outage Schedules.**

The Connecting Transmission Owner shall post scheduled outages of its transmission facilities on the NYISO OASIS. Developer shall submit its planned maintenance schedules for the Large Generating Facility to Connecting Transmission Owner and NYISO for a minimum of a rolling thirty-six month period. Developer shall update its planned maintenance schedules as necessary. NYISO may direct, or the Connecting Transmission Owner may request, Developer to reschedule its maintenance as necessary to maintain the reliability of the New York State Transmission System. Compensation to Developer for any additional direct costs that the Developer incurs as a result of rescheduling maintenance, including any additional overtime, breaking of maintenance contracts or other costs above and beyond the cost the Developer would have incurred absent the request to reschedule maintenance, shall be in accordance with the NYISO OATT. Developer will not be eligible to receive compensation, if during the twelve (12)

months prior to the date of the scheduled maintenance, the Developer had modified its schedule of maintenance activities other than at the direction of the NYISO or request of the Connecting Transmission Owner.

**9.6.1.3 Outage Restoration.**

If an outage on the Attachment Facilities or System Upgrade Facilities or System Deliverability Upgrades of the Connecting Transmission Owner or Developer adversely affects the other Party's operations or facilities, the Party that owns the facility that is out of service shall use Reasonable Efforts to promptly restore such facility(ies) to a normal operating condition consistent with the nature of the outage. The Party that owns the facility that is out of service shall provide the other Party and NYISO, to the extent such information is known, information on the nature of the Emergency State, an estimated time of restoration, and any corrective actions required. Initial verbal notice shall be followed up as soon as practicable with written notice explaining the nature of the outage.

**9.6.2 Interruption of Service.** If required by Good Utility Practice or Applicable Reliability Standards to do so, the NYISO or Connecting Transmission Owner may require Developer to interrupt or reduce production of electricity if such production of electricity could adversely affect the ability of NYISO and Connecting Transmission Owner to perform such activities as are necessary to safely and reliably operate and maintain the New York State Transmission System. The following provisions shall apply to any interruption or reduction permitted under this Article 9.6.2:

**9.6.2.1** The interruption or reduction shall continue only for so long as reasonably necessary under Good Utility Practice;

**9.6.2.2** Any such interruption or reduction shall be made on an equitable, non-discriminatory basis with respect to all generating facilities directly connected to the New York State Transmission System;

**9.6.2.3** When the interruption or reduction must be made under circumstances which do not allow for advance notice, NYISO or Connecting Transmission Owner shall notify Developer by telephone as soon as practicable of the reasons for the curtailment, interruption, or reduction, and, if known, its expected duration. Telephone notification shall be followed by written notification as soon as practicable;

**9.6.2.4** Except during the existence of an Emergency State, when the interruption or reduction can be scheduled without advance notice, NYISO or Connecting Transmission Owner shall notify Developer in advance regarding the timing of such scheduling and further notify Developer of the expected duration. NYISO or Connecting Transmission Owner shall coordinate with each other and the Developer using Good Utility Practice to schedule the interruption or reduction during periods of least impact to the Developer, the Connecting Transmission Owner and the New York State Transmission System;

**9.6.2.5** The Parties shall cooperate and coordinate with each other to the extent necessary in order to restore the Large Generating Facility, Attachment Facilities, and the New York State Transmission System to their normal operating state, consistent with system conditions and Good Utility Practice.

**9.6.3 Under-Frequency and Over Frequency Conditions.**

The New York State Transmission System is designed to automatically activate a load-shed program as required by the NPCC in the event of an under-frequency system disturbance. Developer shall implement under-frequency and over-frequency relay set points for the Large Generating Facility as required by the NPCC to ensure “ride through” capability of the New York State Transmission System. Large Generating Facility response to frequency deviations of predetermined magnitudes, both under-frequency and over-frequency deviations, shall be studied and coordinated with the NYISO and Connecting Transmission Owner in accordance with Good Utility Practice. The term “ride through” as used herein shall mean the ability of a Generating Facility to stay connected to and synchronized with the New York State Transmission System during system disturbances within a range of under-frequency and over-frequency conditions, in accordance with Good Utility Practice and with NPCC Regional Reliability Reference Directory # 12, or its successor.

**9.6.4 System Protection and Other Control Requirements.**

**9.6.4.1 System Protection Facilities.** Developer shall, at its expense, install, operate and maintain System Protection Facilities as a part of the Large Generating Facility or Developer Attachment Facilities. Connecting Transmission Owner shall install at Developer’s expense any System Protection Facilities that may be required on the Connecting Transmission Owner Attachment Facilities or the New York State Transmission System as a result of the interconnection of the Large Generating Facility and Developer Attachment Facilities.

**9.6.4.2** The protection facilities of both the Developer and Connecting Transmission Owner shall be designed and coordinated with other systems in accordance with Good Utility Practice and Applicable Reliability Standards.

**9.6.4.3** The Developer and Connecting Transmission Owner shall each be responsible for protection of its respective facilities consistent with Good Utility Practice and Applicable Reliability Standards.

**9.6.4.4** The protective relay design of the Developer and Connecting Transmission Owner shall each incorporate the necessary test switches to perform the tests required in Article 6 of this Agreement. The required test switches will be placed such that they allow operation of lockout relays while preventing breaker failure schemes from operating and causing unnecessary breaker operations and/or the tripping of the Developer’s Large Generating Facility.

**9.6.4.5** The Developer and Connecting Transmission Owner will each test, operate and maintain System Protection Facilities in accordance with Good Utility Practice, NERC and NPCC criteria.

**9.6.4.6** Prior to the In-Service Date, and again prior to the Commercial Operation Date, the Developer and Connecting Transmission Owner shall each perform, or their agents shall perform, a complete calibration test and functional trip test of the System Protection Facilities. At intervals suggested by Good Utility Practice and following any apparent malfunction of the System Protection Facilities, the Developer and Connecting Transmission Owner shall each perform both calibration and functional trip tests of its System Protection Facilities. These tests do not require the tripping of any in-service generation unit. These tests do, however, require that all protective relays and lockout contacts be activated.

**9.6.5 Requirements for Protection.**

In compliance with NPCC requirements and Good Utility Practice, Developer shall provide, install, own, and maintain relays, circuit breakers and all other devices necessary to remove any fault contribution of the Large Generating Facility to any short circuit occurring on the New York State Transmission System not otherwise isolated by Connecting Transmission Owner's equipment, such that the removal of the fault contribution shall be coordinated with the protective requirements of the New York State Transmission System. Such protective equipment shall include, without limitation, a disconnecting device or switch with load-interrupting capability located between the Large Generating Facility and the New York State Transmission System at a site selected upon mutual agreement (not to be unreasonably withheld, conditioned or delayed) of the Developer and Connecting Transmission Owner. Developer shall be responsible for protection of the Large Generating Facility and Developer's other equipment from such conditions as negative sequence currents, over- or under-frequency, sudden load rejection, over- or under-voltage, and generator loss-of-field. Developer shall be solely responsible to disconnect the Large Generating Facility and Developer's other equipment if conditions on the New York State Transmission System could adversely affect the Large Generating Facility.

**9.6.6 Power Quality.**

Neither the facilities of Developer nor the facilities of Connecting Transmission Owner shall cause excessive voltage flicker nor introduce excessive distortion to the sinusoidal voltage or current waves as defined by ANSI Standard C84.1-1989, in accordance with IEEE Standard 519, or any applicable superseding electric industry standard. In the event of a conflict between ANSI Standard C84.1-1989, or any applicable superseding electric industry standard, ANSI Standard C84.1-1989, or the applicable superseding electric industry standard, shall control.

**9.7 Switching and Tagging Rules.**

The Developer and Connecting Transmission Owner shall each provide the other Party a copy of its switching and tagging rules that are applicable to the other Party's activities. Such switching and tagging rules shall be developed on a nondiscriminatory basis. The Parties shall

comply with applicable switching and tagging rules, as amended from time to time, in obtaining clearances for work or for switching operations on equipment.

**9.8 Use of Attachment Facilities by Third Parties.**

**9.8.1 Purpose of Attachment Facilities.**

Except as may be required by Applicable Laws and Regulations, or as otherwise agreed to among the Parties, the Attachment Facilities shall be constructed for the sole purpose of interconnecting the Large Generating Facility to the New York State Transmission System and shall be used for no other purpose.

**9.8.2 Third Party Users.**

If required by Applicable Laws and Regulations or if the Parties mutually agree, such agreement not to be unreasonably withheld, to allow one or more third parties to use the Connecting Transmission Owner's Attachment Facilities, or any part thereof, Developer will be entitled to compensation for the capital expenses it incurred in connection with the Attachment Facilities based upon the pro rata use of the Attachment Facilities by Connecting Transmission Owner, all third party users, and Developer, in accordance with Applicable Laws and Regulations or upon some other mutually-agreed upon methodology. In addition, cost responsibility for ongoing costs, including operation and maintenance costs associated with the Attachment Facilities, will be allocated between Developer and any third party users based upon the pro rata use of the Attachment Facilities by Connecting Transmission Owner, all third party users, and Developer, in accordance with Applicable Laws and Regulations or upon some other mutually agreed upon methodology. If the issue of such compensation or allocation cannot be resolved through such negotiations, it shall be submitted to FERC for resolution.

**9.9 Disturbance Analysis Data Exchange.**

The Parties will cooperate with one another and the NYISO in the analysis of disturbances to either the Large Generating Facility or the New York State Transmission System by gathering and providing access to any information relating to any disturbance, including information from disturbance recording equipment, protective relay targets, breaker operations and sequence of events records, and any disturbance information required by Good Utility Practice.

**ARTICLE 10. MAINTENANCE**

**10.1 Connecting Transmission Owner Obligations.**

Connecting Transmission Owner shall maintain its transmission facilities and Attachment Facilities in a safe and reliable manner and in accordance with this Agreement.

**10.2 Developer Obligations.**

Developer shall maintain its Large Generating Facility and Attachment Facilities in a safe and reliable manner and in accordance with this Agreement.

**10.3 Coordination.**

The Developer and Connecting Transmission Owner shall confer regularly to coordinate the planning, scheduling and performance of preventive and corrective maintenance on the Large Generating Facility and the Attachment Facilities. The Developer and Connecting Transmission Owner shall keep NYISO fully informed of the preventive and corrective maintenance that is planned, and shall schedule all such maintenance in accordance with NYISO procedures.

**10.4 Secondary Systems.**

The Developer and Connecting Transmission Owner shall each cooperate with the other in the inspection, maintenance, and testing of control or power circuits that operate below 600 volts, AC or DC, including, but not limited to, any hardware, control or protective devices, cables, conductors, electric raceways, secondary equipment panels, transducers, batteries, chargers, and voltage and current transformers that directly affect the operation of Developer or Connecting Transmission Owner's facilities and equipment which may reasonably be expected to impact the other Party. The Developer and Connecting Transmission Owner shall each provide advance notice to the other Party, and to NYISO, before undertaking any work on such circuits, especially on electrical circuits involving circuit breaker trip and close contacts, current transformers, or potential transformers.

**10.5 Operating and Maintenance Expenses.**

Subject to the provisions herein addressing the use of facilities by others, and except for operations and maintenance expenses associated with modifications made for providing interconnection or transmission service to a third party and such third party pays for such expenses, Developer shall be responsible for all reasonable expenses including overheads, associated with: (1) owning, operating, maintaining, repairing, and replacing Developer Attachment Facilities; and (2) operation, maintenance, repair and replacement of Connecting Transmission Owner's Attachment Facilities. The Connecting Transmission Owner shall be entitled to the recovery of incremental operating and maintenance expenses that it incurs associated with System Upgrade Facilities and System Deliverability Upgrades if and to the extent provided for under Attachment S to the NYISO OATT.

**ARTICLE 11. PERFORMANCE OBLIGATION**

**11.1 Developer Attachment Facilities.**

Developer shall design, procure, construct, install, own and/or control the Developer Attachment Facilities described in Appendix A hereto, at its sole expense.



**11.2 Connecting Transmission Owner's Attachment Facilities.**

Connecting Transmission Owner shall design, procure, construct, install, own and/or control the Connecting Transmission Owner's Attachment Facilities described in Appendix A hereto, at the sole expense of the Developer.

**11.3 System Upgrade Facilities and System Deliverability Upgrades.**

Connecting Transmission Owner shall design, procure, construct, install, and own the System Upgrade Facilities and System Deliverability Upgrades described in Appendix A hereto. The responsibility of the Developer for costs related to System Upgrade Facilities and System Deliverability Upgrades shall be determined in accordance with the provisions of Attachment S to the NYISO OATT.

**11.4 Special Provisions for Affected Systems.**

For the re-payment of amounts advanced to Affected System Operator for System Upgrade Facilities or System Deliverability Upgrades, the Developer and Affected System Operator shall enter into an agreement that provides for such re-payment, but only if responsibility for the cost of such System Upgrade Facilities or System Deliverability Upgrades is not to be allocated in accordance with Attachment S to the NYISO OATT. The agreement shall specify the terms governing payments to be made by the Developer to the Affected System Operator as well as the re-payment by the Affected System Operator.

**11.5 Provision of Security.**

At least thirty (30) Calendar Days prior to the commencement of the procurement, installation, or construction of a discrete portion of a Connecting Transmission Owner's Attachment Facilities, Developer shall provide Connecting Transmission Owner, at Developer's option, a guarantee, a surety bond, letter of credit or other form of security that is reasonably acceptable to Connecting Transmission Owner and is consistent with the Uniform Commercial Code of the jurisdiction identified in Article 14.2.1 of this Agreement. Such security for payment shall be in an amount sufficient to cover the cost for the Developer's share of constructing, procuring and installing the applicable portion of Connecting Transmission Owner's Attachment Facilities, and shall be reduced on a dollar-for-dollar basis for payments made to Connecting Transmission Owner for these purposes.

In addition:

**11.5.1** The guarantee must be made by an entity that meets the commercially reasonable creditworthiness requirements of Connecting Transmission Owner, and contains terms and conditions that guarantee payment of any amount that may be due from Developer, up to an agreed-to maximum amount.

**11.5.2** The letter of credit must be issued by a financial institution reasonably acceptable to Connecting Transmission Owner and must specify a reasonable expiration date.



**11.5.3** The surety bond must be issued by an insurer reasonably acceptable to Connecting Transmission Owner and must specify a reasonable expiration date.

**11.5.4** Attachment S to the NYISO OATT shall govern the Security that Developer provides for System Upgrade Facilities and System Deliverability Upgrades.

**11.6 Developer Compensation for Emergency Services.**

If, during an Emergency State, the Developer provides services at the request or direction of the NYISO or Connecting Transmission Owner, the Developer will be compensated for such services in accordance with the NYISO Services Tariff.

**11.7 Line Outage Costs.**

Notwithstanding anything in the NYISO OATT to the contrary, the Connecting Transmission Owner may propose to recover line outage costs associated with the installation of Connecting Transmission Owner's Attachment Facilities or System Upgrade Facilities or System Deliverability Upgrades on a case-by-case basis.

**ARTICLE 12. INVOICE**

**12.1 General.**

The Developer and Connecting Transmission Owner shall each submit to the other Party, on a monthly basis, invoices of amounts due for the preceding month. Each invoice shall state the month to which the invoice applies and fully describe the services and equipment provided. The Developer and Connecting Transmission Owner may discharge mutual debts and payment obligations due and owing to each other on the same date through netting, in which case all amounts one Party owes to the other Party under this Agreement, including interest payments or credits, shall be netted so that only the net amount remaining due shall be paid by the owing Party.

**12.2 Final Invoice.**

Within six months after completion of the construction of the Connecting Transmission Owner's Attachment Facilities and the System Upgrade Facilities and System Deliverability Upgrades, Connecting Transmission Owner shall provide an invoice of the final cost of the construction of the Connecting Transmission Owner's Attachment Facilities and the System Upgrade Facilities and System Deliverability Upgrades, determined in accordance with Attachment S to the NYISO OATT, and shall set forth such costs in sufficient detail to enable Developer to compare the actual costs with the estimates and to ascertain deviations, if any, from the cost estimates. Connecting Transmission Owner shall refund to Developer any amount by which the actual payment by Developer for estimated costs exceeds the actual costs of construction within thirty (30) Calendar Days of the issuance of such final construction invoice.

**12.3 Payment.**

Invoices shall be rendered to the paying Party at the address specified in Appendix F hereto. The Party receiving the invoice shall pay the invoice within thirty (30) Calendar Days of receipt. All payments shall be made in immediately available funds payable to the other Party, or by wire transfer to a bank named and account designated by the invoicing Party. Payment of invoices will not constitute a waiver of any rights or claims the paying Party may have under this Agreement.

**12.4 Disputes.**

In the event of a billing dispute between Connecting Transmission Owner and Developer, Connecting Transmission Owner shall continue to perform under this Agreement as long as Developer: (i) continues to make all payments not in dispute; and (ii) pays to Connecting Transmission Owner or into an independent escrow account the portion of the invoice in dispute, pending resolution of such dispute. If Developer fails to meet these two requirements for continuation of service, then Connecting Transmission Owner may provide notice to Developer of a Default pursuant to Article 17. Within thirty (30) Calendar Days after the resolution of the dispute, the Party that owes money to the other Party shall pay the amount due with interest calculated in accord with the methodology set forth in FERC's Regulations at 18 C.F.R. § 35.19a(a)(2)(iii).

**ARTICLE 13. EMERGENCIES**

**13.1 Obligations.**

Each Party shall comply with the Emergency State procedures of NYISO, the applicable Reliability Councils, Applicable Laws and Regulations, and any emergency procedures agreed to by the NYISO Operating Committee.

**13.2 Notice.**

NYISO or, as applicable, Connecting Transmission Owner shall notify Developer promptly when it becomes aware of an Emergency State that affects the Connecting Transmission Owner's Attachment Facilities or the New York State Transmission System that may reasonably be expected to affect Developer's operation of the Large Generating Facility or the Developer's Attachment Facilities. Developer shall notify NYISO and Connecting Transmission Owner promptly when it becomes aware of an Emergency State that affects the Large Generating Facility or the Developer Attachment Facilities that may reasonably be expected to affect the New York State Transmission System or the Connecting Transmission Owner's Attachment Facilities. To the extent information is known, the notification shall describe the Emergency State, the extent of the damage or deficiency, the expected effect on the operation of Developer's or Connecting Transmission Owner's facilities and operations, its anticipated duration and the corrective action taken and/or to be taken. The initial notice shall be followed as soon as practicable with written notice.

**13.3 Immediate Action.**

Unless, in Developer's reasonable judgment, immediate action is required, Developer shall obtain the consent of Connecting Transmission Owner, such consent to not be unreasonably withheld, prior to performing any manual switching operations at the Large Generating Facility or the Developer Attachment Facilities in response to an Emergency State either declared by NYISO, Connecting Transmission Owner or otherwise regarding New York State Transmission System.

**13.4 NYISO and Connecting Transmission Owner Authority.**

**13.4.1 General.**

NYISO or Connecting Transmission Owner may take whatever actions with regard to the New York State Transmission System or the Connecting Transmission Owner's Attachment Facilities it deems necessary during an Emergency State in order to (i) preserve public health and safety, (ii) preserve the reliability of the New York State Transmission System or the Connecting Transmission Owner's Attachment Facilities, (iii) limit or prevent damage, and (iv) expedite restoration of service.

NYISO and Connecting Transmission Owner shall use Reasonable Efforts to minimize the effect of such actions or inactions on the Large Generating Facility or the Developer Attachment Facilities. NYISO or Connecting Transmission Owner may, on the basis of technical considerations, require the Large Generating Facility to mitigate an Emergency State by taking actions necessary and limited in scope to remedy the Emergency State, including, but not limited to, directing Developer to shut-down, start-up, increase or decrease the real or reactive power output of the Large Generating Facility; implementing a reduction or disconnection pursuant to Article 13.4.2; directing the Developer to assist with blackstart (if available) or restoration efforts; or altering the outage schedules of the Large Generating Facility and the Developer Attachment Facilities. Developer shall comply with all of the NYISO and Connecting Transmission Owner's operating instructions concerning Large Generating Facility real power and reactive power output within the manufacturer's design limitations of the Large Generating Facility's equipment that is in service and physically available for operation at the time, in compliance with Applicable Laws and Regulations.

**13.4.2 Reduction and Disconnection.**

NYISO or Connecting Transmission Owner may reduce ~~+~~ Energy Resource Interconnection Service and Capacity Resource Interconnection Service or disconnect the Large Generating Facility or the Developer Attachment Facilities, when such reduction or disconnection is necessary under Good Utility Practice due to an Emergency State. These rights are separate and distinct from any right of Curtailment of NYISO pursuant to the NYISO OATT. When NYISO or Connecting Transmission Owner can schedule the reduction or disconnection in advance, NYISO or Connecting Transmission Owner shall notify Developer of the reasons, timing and expected duration of the reduction or disconnection. NYISO or Connecting Transmission Owner shall coordinate with the Developer using Good Utility Practice to schedule the reduction or disconnection during periods of least impact to the Developer and

the New York State Transmission System. Any reduction or disconnection shall continue only for so long as reasonably necessary under Good Utility Practice. The Parties shall cooperate with each other to restore the Large Generating Facility, the Attachment Facilities, and the New York State Transmission System to their normal operating state as soon as practicable consistent with Good Utility Practice.

**13.5 Developer Authority.**

Consistent with Good Utility Practice and this Agreement, the Developer may take whatever actions or inactions with regard to the Large Generating Facility or the Developer Attachment Facilities during an Emergency State in order to (i) preserve public health and safety, (ii) preserve the reliability of the Large Generating Facility or the Developer Attachment Facilities, (iii) limit or prevent damage, and (iv) expedite restoration of service. Developer shall use Reasonable Efforts to minimize the effect of such actions or inactions on the New York State Transmission System and the Connecting Transmission Owner's Attachment Facilities. NYISO and Connecting Transmission Owner shall use Reasonable Efforts to assist Developer in such actions.

**13.6 Limited Liability.**

Except as otherwise provided in Article 11.6 of this Agreement, no Party shall be liable to another Party for any action it takes in responding to an Emergency State so long as such action is made in good faith and is consistent with Good Utility Practice and the NYISO Tariffs.

**ARTICLE 14. REGULATORY REQUIREMENTS AND GOVERNING LAW**

**14.1 Regulatory Requirements.**

Each Party's obligations under this Agreement shall be subject to its receipt of any required approval or certificate from one or more Governmental Authorities in the form and substance satisfactory to the applying Party, or the Party making any required filings with, or providing notice to, such Governmental Authorities, and the expiration of any time period associated therewith. Each Party shall in good faith seek and use its Reasonable Efforts to obtain such other approvals. Nothing in this Agreement shall require Developer to take any action that could result in its inability to obtain, or its loss of, status or exemption under the Federal Power Act or the Public Utility Holding Company Act of 2005 or the Public Utility Regulatory Policies Act of 1978, as amended.

**14.2 Governing Law.**

**14.2.1** The validity, interpretation and performance of this Agreement and each of its provisions shall be governed by the laws of the state of New York, without regard to its conflicts of law principles.

**14.2.2** This Agreement is subject to all Applicable Laws and Regulations.

## **SERVICE AGREEMENT NO. 2310**

**14.2.3** Each Party expressly reserves the right to seek changes in, appeal, or otherwise contest any laws, orders, rules, or regulations of a Governmental Authority.

### **ARTICLE 15. NOTICES**

#### **15.1 General.**

Unless otherwise provided in this Agreement, any notice, demand or request required or permitted to be given by a Party to the other Parties and any instrument required or permitted to be tendered or delivered by a Party in writing to the other Parties shall be effective when delivered and may be so given, tendered or delivered, by recognized national courier, or by depositing the same with the United States Postal Service with postage prepaid, for delivery by certified or registered mail, addressed to the Party, or personally delivered to the Party, at the address set out in Appendix F hereto.

A Party may change the notice information in this Agreement by giving five (5) Business Days written notice prior to the effective date of the change.

#### **15.2 Billings and Payments.**

Billings and payments shall be sent to the addresses set out in Appendix F hereto.

#### **15.3 Alternative Forms of Notice.**

Any notice or request required or permitted to be given by a Party to the other Parties and not required by this Agreement to be given in writing may be so given by telephone, facsimile or email to the telephone numbers and email addresses set out in Appendix F hereto.

#### **15.4 Operations and Maintenance Notice.**

Developer and Connecting Transmission Owner shall each notify the other Party, and NYISO, in writing of the identity of the person(s) that it designates as the point(s) of contact with respect to the implementation of Articles 9 and 10 of this Agreement.

### **ARTICLE 16. FORCE MAJEURE**

#### **16.1 Force Majeure.**

**16.1.1** Economic hardship is not considered a Force Majeure event.

**16.1.2** A Party shall not be responsible or liable, or deemed, in Default with respect to any obligation hereunder, (including obligations under Article 4 of this Agreement) , other than the obligation to pay money when due, to the extent the Party is prevented from fulfilling such obligation by Force Majeure. A Party unable to fulfill any obligation hereunder (other than an obligation to pay money when due) by reason of Force Majeure shall give notice and the full particulars of such Force Majeure to the other Parties in writing or by telephone as soon as reasonably possible after the occurrence of the cause relied upon. Telephone notices given pursuant to this Article shall be confirmed in writing as soon as reasonably possible and shall

specifically state full particulars of the Force Majeure, the time and date when the Force Majeure occurred and when the Force Majeure is reasonably expected to cease. The Party affected shall exercise due diligence to remove such disability with reasonable dispatch, but shall not be required to accede or agree to any provision not satisfactory to it in order to settle and terminate a strike or other labor disturbance.

## **ARTICLE 17. DEFAULT**

### **17.1 Default.**

#### **17.1.1 General.**

No Breach shall exist where such failure to discharge an obligation (other than the payment of money) is the result of Force Majeure as defined in this Agreement or the result of an act or omission of the other Parties. Upon a Breach, the non-Breaching Parties shall give written notice of such to the Breaching Party. The Breaching Party shall have thirty (30) Calendar Days from receipt of the Breach notice within which to cure such Breach; provided however, if such Breach is not capable of cure within thirty (30) Calendar Days, the Breaching Party shall commence such cure within thirty (30) Calendar Days after notice and continuously and diligently complete such cure within ninety (90) Calendar Days from receipt of the Breach notice; and, if cured within such time, the Breach specified in such notice shall cease to exist.

#### **17.1.2 Right to Terminate.**

If a Breach is not cured as provided in this Article 17, or if a Breach is not capable of being cured within the period provided for herein, the non-Breaching Parties acting together shall thereafter have the right to declare a Default and terminate this Agreement by written notice at any time until cure occurs, and be relieved of any further obligation hereunder and, whether or not those Parties terminate this Agreement, to recover from the defaulting Party all amounts due hereunder, plus all other damages and remedies to which they are entitled at law or in equity. The provisions of this Article will survive termination of this Agreement.

## **ARTICLE 18. INDEMNITY, CONSEQUENTIAL DAMAGES AND INSURANCE**

### **18.1 Indemnity.**

Each Party (the "Indemnifying Party") shall at all times indemnify, defend, and save harmless, as applicable, the other Parties (each an "Indemnified Party") from, any and all damages, losses, claims, including claims and actions relating to injury to or death of any person or damage to property, the alleged violation of any Environmental Law, or the release or threatened release of any Hazardous Substance, demand, suits, recoveries, costs and expenses, court costs, attorney fees, and all other obligations by or to third parties, arising out of or resulting from (i) the Indemnified Party's performance of its obligations under this Agreement on behalf of the Indemnifying Party, except in cases where the Indemnifying Party can demonstrate that the Loss of the Indemnified Party was caused by the gross negligence or intentional wrongdoing of the Indemnified Party or (ii) the violation by the Indemnifying Party of any Environmental Law or the release by the Indemnifying Party of any Hazardous Substance.

**18.1.1 Indemnified Party.**

If a Party is entitled to indemnification under this Article 18 as a result of a claim by a third party, and the indemnifying Party fails, after notice and reasonable opportunity to proceed under Article 18.1.3, to assume the defense of such claim, such Indemnified Party may at the expense of the Indemnifying Party contest, settle or consent to the entry of any judgment with respect to, or pay in full, such claim.

**18.1.2 Indemnifying Party.**

If an Indemnifying Party is obligated to indemnify and hold any Indemnified Party harmless under this Article 18, the amount owing to the Indemnified Party shall be the amount of such Indemnified Party's actual Loss, net of any insurance or other recovery.

**18.1.3 Indemnity Procedures.**

Promptly after receipt by an Indemnified Party of any claim or notice of the commencement of any action or administrative or legal proceeding or investigation as to which the indemnity provided for in Article 18.1 may apply, the Indemnified Party shall notify the Indemnifying Party of such fact. Any failure of or delay in such notification shall not affect a Party's indemnification obligation unless such failure or delay is materially prejudicial to the Indemnifying Party.

Except as stated below, the Indemnifying Party shall have the right to assume the defense thereof with counsel designated by such Indemnifying Party and reasonably satisfactory to the Indemnified Party. If the defendants in any such action include one or more Indemnified Parties and the Indemnifying Party and if the Indemnified Party reasonably concludes that there may be legal defenses available to it and/or other Indemnified Parties which are different from or additional to those available to the Indemnifying Party, the Indemnified Party shall have the right to select separate counsel to assert such legal defenses and to otherwise participate in the defense of such action on its own behalf. In such instances, the Indemnifying Party shall only be required to pay the fees and expenses of one additional attorney to represent an Indemnified Party or Indemnified Parties having such differing or additional legal defenses.

The Indemnified Party shall be entitled, at its expense, to participate in any such action, suit or proceeding, the defense of which has been assumed by the Indemnifying Party. Notwithstanding the foregoing, the Indemnifying Party (i) shall not be entitled to assume and control the defense of any such action, suit or proceedings if and to the extent that, in the opinion of the Indemnified Party and its counsel, such action, suit or proceeding involves the potential imposition of criminal liability on the Indemnified Party, or there exists a conflict or adversity of interest between the Indemnified Party and the Indemnifying Party, in such event the Indemnifying Party shall pay the reasonable expenses of the Indemnified Party, and (ii) shall not settle or consent to the entry of any judgment in any action, suit or proceeding without the consent of the Indemnified Party, which shall not be unreasonably withheld, conditioned or delayed.



**18.2 No Consequential Damages.**

Other than the Liquidated Damages heretofore described and the indemnity obligations set forth in Article 18.1, in no event shall any Party be liable under any provision of this Agreement for any losses, damages, costs or expenses for any special, indirect, incidental, consequential, or punitive damages, including but not limited to loss of profit or revenue, loss of the use of equipment, cost of capital, cost of temporary equipment or services, whether based in whole or in part in contract, in tort, including negligence, strict liability, or any other theory of liability; provided, however, that damages for which a Party may be liable to another Party under separate agreement will not be considered to be special, indirect, incidental, or consequential damages hereunder.

**18.3 Insurance.**

Developer and Connecting Transmission Owner shall each, at its own expense, maintain in force throughout the period of this Agreement, and until released by the other Parties, the following minimum insurance coverages, with insurers authorized to do business in the state of New York:

**18.3.1** Employers' Liability and Workers' Compensation Insurance providing statutory benefits in accordance with the laws and regulations of New York State.

**18.3.2** Commercial General Liability Insurance including premises and operations, personal injury, broad form property damage, broad form blanket contractual liability coverage (including coverage for the contractual indemnification) products and completed operations coverage, coverage for explosion, collapse and underground hazards, independent contractors coverage, coverage for pollution to the extent normally available and punitive damages to the extent normally available and a cross liability endorsement, with minimum limits of One Million Dollars (\$1,000,000) per occurrence/One Million Dollars (\$1,000,000) aggregate combined single limit for personal injury, bodily injury, including death and property damage.

**18.3.3** Comprehensive Automobile Liability Insurance for coverage of owned and non-owned and hired vehicles, trailers or semi-trailers designed for travel on public roads, with a minimum, combined single limit of One Million Dollars (\$1,000,000) per occurrence for bodily injury, including death, and property damage.

**18.3.4** Excess Public Liability Insurance over and above the Employers' Liability Commercial General Liability and Comprehensive Automobile Liability Insurance coverage, with a minimum combined single limit of Twenty Million Dollars (\$20,000,000) per occurrence/Twenty Million Dollars (\$20,000,000) aggregate.

**18.3.5** The Commercial General Liability Insurance, Comprehensive Automobile Insurance and Excess Public Liability Insurance policies of Developer and Connecting Transmission Owner shall name the other Party, its parent, associated and Affiliate companies and their respective directors, officers, agents, servants and employees ("Other Party Group") as additional insured. All policies shall contain provisions whereby the insurers waive all rights of subrogation in accordance with the provisions of this Agreement against the Other Party Group

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and provide thirty (30) Calendar days advance written notice to the Other Party Group prior to anniversary date of cancellation or any material change in coverage or condition.

**18.3.6** The Commercial General Liability Insurance, Comprehensive Automobile Liability Insurance and Excess Public Liability Insurance policies shall contain provisions that specify that the policies are primary and shall apply to such extent without consideration for other policies separately carried and shall state that each insured is provided coverage as though a separate policy had been issued to each, except the insurer's liability shall not be increased beyond the amount for which the insurer would have been liable had only one insured been covered. Developer and Connecting Transmission Owner shall each be responsible for its respective deductibles or retentions.

**18.3.7** The Commercial General Liability Insurance, Comprehensive Automobile Liability Insurance and Excess Public Liability Insurance policies, if written on a Claims First Made Basis, shall be maintained in full force and effect for two (2) years after termination of this Agreement, which coverage may be in the form of tail coverage or extended reporting period coverage if agreed by the Developer and Connecting Transmission Owner.

**18.3.8** The requirements contained herein as to the types and limits of all insurance to be maintained by the Developer and Connecting Transmission Owner are not intended to and shall not in any manner, limit or qualify the liabilities and obligations assumed by those Parties under this Agreement.

**18.3.9** Within ten (10) days following execution of this Agreement, and as soon as practicable after the end of each fiscal year or at the renewal of the insurance policy and in any event within ninety (90) days thereafter, Developer and Connecting Transmission Owner shall provide certification of all insurance required in this Agreement, executed by each insurer or by an authorized representative of each insurer.

**18.3.10** Notwithstanding the foregoing, Developer and Connecting Transmission Owner may each self-insure to meet the minimum insurance requirements of Articles 18.3.2 through 18.3.8 to the extent it maintains a self-insurance program; provided that, such Party's senior debt is rated at investment grade, or better, by Standard & Poor's and that its self-insurance program meets the minimum insurance requirements of Articles 18.3.2 through 18.3.8. For any period of time that a Party's senior debt is unrated by Standard & Poor's or is rated at less than investment grade by Standard & Poor's, such Party shall comply with the insurance requirements applicable to it under Articles 18.3.2 through 18.3.9. In the event that a Party is permitted to self-insure pursuant to this Article 18.3.10, it shall notify the other Party that it meets the requirements to self-insure and that its self-insurance program meets the minimum insurance requirements in a manner consistent with that specified in Article 18.3.9.

**18.3.11** Developer and Connecting Transmission Owner agree to report to each other in writing as soon as practical all accidents or occurrences resulting in injuries to any person, including death, and any property damage arising out of this Agreement.

**ARTICLE 19. ASSIGNMENT**

**19.1 Assignment.**

This Agreement may be assigned by a Party only with the written consent of the other Parties; provided that a Party may assign this Agreement without the consent of the other Parties to any Affiliate of the assigning Party with an equal or greater credit rating and with the legal authority and operational ability to satisfy the obligations of the assigning Party under this Agreement; provided further that a Party may assign this Agreement without the consent of the other Parties in connection with the sale, merger, restructuring, or transfer of a substantial portion or all of its assets, including the Attachment Facilities it owns, so long as the assignee in such a transaction directly assumes in writing all rights, duties and obligations arising under this Agreement; and provided further that the Developer shall have the right to assign this Agreement, without the consent of the NYISO or Connecting Transmission Owner, for collateral security purposes to aid in providing financing for the Large Generating Facility, provided that the Developer will promptly notify the NYISO and Connecting Transmission Owner of any such assignment. Any financing arrangement entered into by the Developer pursuant to this Article will provide that prior to or upon the exercise of the secured party's, trustee's or mortgagee's assignment rights pursuant to said arrangement, the secured creditor, the trustee or mortgagee will notify the NYISO and Connecting Transmission Owner of the date and particulars of any such exercise of assignment right(s) and will provide the NYISO and Connecting Transmission Owner with proof that it meets the requirements of Articles 11.5 and 18.3. Any attempted assignment that violates this Article is void and ineffective. Any assignment under this Agreement shall not relieve a Party of its obligations, nor shall a Party's obligations be enlarged, in whole or in part, by reason thereof. Where required, consent to assignment will not be unreasonably withheld, conditioned or delayed.

**ARTICLE 20. SEVERABILITY**

**20.1 Severability.**

If any provision in this Agreement is finally determined to be invalid, void or unenforceable by any court or other Governmental Authority having jurisdiction, such determination shall not invalidate, void or make unenforceable any other provision, agreement or covenant of this Agreement; provided that if the Developer (or any third party, but only if such third party is not acting at the direction of the Connecting Transmission Owner) seeks and obtains such a final determination with respect to any provision of the Alternate Option (Article 5.1.2), or the Negotiated Option (Article 5.1.4), then none of these provisions shall thereafter have any force or effect and the rights and obligations of Developer and Connecting Transmission Owner shall be governed solely by the Standard Option (Article 5.1.1).

**ARTICLE 21. COMPARABILITY**

**21.1 Comparability.**

The Parties will comply with all applicable comparability and code of conduct laws, rules and regulations, as amended from time to time.

**ARTICLE 22. CONFIDENTIALITY**

**22.1 Confidentiality.**

Certain information exchanged by the Parties during the term of this Agreement shall constitute confidential information (“Confidential Information”) and shall be subject to this Article 22.

If requested by a Party receiving information, the Party supplying the information shall provide in writing, the basis for asserting that the information referred to in this Article warrants confidential treatment, and the requesting Party may disclose such writing to the appropriate Governmental Authority. Each Party shall be responsible for the costs associated with affording confidential treatment to its information.

**22.1.1 Term.**

During the term of this Agreement, and for a period of three (3) years after the expiration or termination of this Agreement, except as otherwise provided in this Article 22, each Party shall hold in confidence and shall not disclose to any person Confidential Information.

**22.1.2 Confidential Information.**

The following shall constitute Confidential Information: (1) any non-public information that is treated as confidential by the disclosing Party and which the disclosing Party identifies as Confidential Information in writing at the time, or promptly after the time, of disclosure; or (2) information designated as Confidential Information by the NYISO Code of Conduct contained in Attachment F to the NYISO OATT.

**22.1.3 Scope.**

Confidential Information shall not include information that the receiving Party can demonstrate: (1) is generally available to the public other than as a result of a disclosure by the receiving Party; (2) was in the lawful possession of the receiving Party on a non-confidential basis before receiving it from the disclosing Party; (3) was supplied to the receiving Party without restriction by a third party, who, to the knowledge of the receiving Party after due inquiry, was under no obligation to the disclosing Party to keep such information confidential; (4) was independently developed by the receiving Party without reference to Confidential Information of the disclosing Party; (5) is, or becomes, publicly known, through no wrongful act or omission of the receiving Party or Breach of this Agreement; or (6) is required, in accordance with Article 22.1.8 of this Agreement, Order of Disclosure, to be disclosed by any Governmental Authority or is otherwise required to be disclosed by law or subpoena, or is necessary in any legal proceeding establishing rights and obligations under this Agreement. Information designated as Confidential Information will no longer be deemed confidential if the Party that designated the information as confidential notifies the other Party that it no longer is confidential.

**22.1.4 Release of Confidential Information.**

No Party shall release or disclose Confidential Information to any other person, except to its Affiliates (limited by FERC Standards of Conduct requirements), subcontractors, employees, consultants, or to parties who may be considering providing financing to or equity participation with Developer, or to potential purchasers or assignees of a Party, on a need-to-know basis in connection with this Agreement, unless such person has first been advised of the confidentiality provisions of this Article 22 and has agreed to comply with such provisions. Notwithstanding the foregoing, a Party providing Confidential Information to any person shall remain primarily responsible for any release of Confidential Information in contravention of this Article 22.

**22.1.5 Rights.**

Each Party retains all rights, title, and interest in the Confidential Information that each Party discloses to the other Party. The disclosure by each Party to the other Parties of Confidential Information shall not be deemed a waiver by any Party or any other person or entity of the right to protect the Confidential Information from public disclosure.

**22.1.6 No Warranties.**

By providing Confidential Information, no Party makes any warranties or representations as to its accuracy or completeness. In addition, by supplying Confidential Information, no Party obligates itself to provide any particular information or Confidential Information to the other Parties nor to enter into any further agreements or proceed with any other relationship or joint venture.

**22.1.7 Standard of Care.**

Each Party shall use at least the same standard of care to protect Confidential Information it receives as it uses to protect its own Confidential Information from unauthorized disclosure, publication or dissemination. Each Party may use Confidential Information solely to fulfill its obligations to the other Party under this Agreement or its regulatory requirements, including the NYISO OATT and NYISO Services Tariff. The NYISO shall, in all cases, treat the information it receives in accordance with the requirements of Attachment F to the NYISO OATT.

**22.1.8 Order of Disclosure.**

If a court or a Government Authority or entity with the right, power, and apparent authority to do so requests or requires any Party, by subpoena, oral deposition, interrogatories, requests for production of documents, administrative order, or otherwise, to disclose Confidential Information, that Party shall provide the other Parties with prompt notice of such request(s) or requirement(s) so that the other Parties may seek an appropriate protective order or waive compliance with the terms of this Agreement. Notwithstanding the absence of a protective order or waiver, the Party may disclose such Confidential Information which, in the opinion of its counsel, the Party is legally compelled to disclose. Each Party will use Reasonable Efforts to

obtain reliable assurance that confidential treatment will be accorded any Confidential Information so furnished.

**22.1.9 Termination of Agreement.**

Upon termination of this Agreement for any reason, each Party shall, within ten (10) Calendar Days of receipt of a written request from the other Parties, use Reasonable Efforts to destroy, erase, or delete (with such destruction, erasure, and deletion certified in writing to the other Parties) or return to the other Parties, without retaining copies thereof, any and all written or electronic Confidential Information received from the other Parties pursuant to this Agreement.

**22.1.10 Remedies.**

The Parties agree that monetary damages would be inadequate to compensate a Party for another Party's Breach of its obligations under this Article 22. Each Party accordingly agrees that the other Parties shall be entitled to equitable relief, by way of injunction or otherwise, if the first Party Breaches or threatens to Breach its obligations under this Article 22, which equitable relief shall be granted without bond or proof of damages, and the receiving Party shall not plead in defense that there would be an adequate remedy at law. Such remedy shall not be deemed an exclusive remedy for the Breach of this Article 22, but shall be in addition to all other remedies available at law or in equity. The Parties further acknowledge and agree that the covenants contained herein are necessary for the protection of legitimate business interests and are reasonable in scope. No Party, however, shall be liable for indirect, incidental, or consequential or punitive damages of any nature or kind resulting from or arising in connection with this Article 22.

**22.1.11 Disclosure to FERC, its Staff, or a State.**

Notwithstanding anything in this Article 22 to the contrary, and pursuant to 18 C.F.R. section 1b.20, if FERC or its staff, during the course of an investigation or otherwise, requests information from one of the Parties that is otherwise required to be maintained in confidence pursuant to this Agreement or the NYISO OATT, the Party shall provide the requested information to FERC or its staff, within the time provided for in the request for information. In providing the information to FERC or its staff, the Party must, consistent with 18 C.F.R. section 388.112, request that the information be treated as confidential and non-public by FERC and its staff and that the information be withheld from public disclosure. Parties are prohibited from notifying the other Parties to this Agreement prior to the release of the Confidential Information to the Commission or its staff. The Party shall notify the other Parties to the Agreement when it is notified by FERC or its staff that a request to release Confidential Information has been received by FERC, at which time the Parties may respond before such information would be made public, pursuant to 18 C.F.R. section 388.112. Requests from a state regulatory body conducting a confidential investigation shall be treated in a similar manner if consistent with the applicable state rules and regulations. A Party shall not be liable for any losses, consequential or otherwise, resulting from that Party divulging Confidential Information pursuant to a FERC or state regulatory body request under this paragraph.



**22.1.12**

Except as otherwise expressly provided herein, no Party shall disclose Confidential Information to any person not employed or retained by the Party possessing the Confidential Information, except to the extent disclosure is (i) required by law; (ii) reasonably deemed by the disclosing Party to be required to be disclosed in connection with a dispute between or among the Parties, or the defense of litigation or dispute; (iii) otherwise permitted by consent of the other Party, such consent not to be unreasonably withheld; or (iv) necessary to fulfill its obligations under this Agreement, the NYISO OATT or the NYISO Services Tariff. Prior to any disclosures of a Party's Confidential Information under this subparagraph, or if any third party or Governmental Authority makes any request or demand for any of the information described in this subparagraph, the disclosing Party agrees to promptly notify the other Party in writing and agrees to assert confidentiality and cooperate with the other Party in seeking to protect the Confidential Information from public disclosure by confidentiality agreement, protective order or other reasonable measures.

**ARTICLE 23. ENVIRONMENTAL RELEASES**

**23.1 Developer and Connecting Transmission Owner Notice.**

Developer and Connecting Transmission Owner shall each notify the other Party, first orally and then in writing, of the release of any Hazardous Substances, any asbestos or lead abatement activities, or any type of remediation activities related to the Large Generating Facility or the Attachment Facilities, each of which may reasonably be expected to affect the other Party. The notifying Party shall: (i) provide the notice as soon as practicable, provided such Party makes a good faith effort to provide the notice no later than twenty-four hours after such Party becomes aware of the occurrence; and (ii) promptly furnish to the other Party copies of any publicly available reports filed with any Governmental Authorities addressing such events.

**ARTICLE 24. INFORMATION REQUIREMENT**

**24.1 Information Acquisition.**

Connecting Transmission Owner and Developer shall each submit specific information regarding the electrical characteristics of their respective facilities to the other, and to NYISO, as described below and in accordance with Applicable Reliability Standards.

**24.2 Information Submission by Connecting Transmission Owner.**

The initial information submission by Connecting Transmission Owner shall occur no later than one hundred eighty (180) Calendar Days prior to Trial Operation and shall include New York State Transmission System information necessary to allow the Developer to select equipment and meet any system protection and stability requirements, unless otherwise mutually agreed to by the Developer and Connecting Transmission Owner. On a monthly basis Connecting Transmission Owner shall provide Developer and NYISO a status report on the construction and installation of Connecting Transmission Owner's Attachment Facilities and



System Upgrade Facilities and System Deliverability Upgrades, including, but not limited to, the following information: (1) progress to date; (2) a description of the activities since the last report; (3) a description of the action items for the next period; and (4) the delivery status of equipment ordered.

### **24.3 Updated Information Submission by Developer.**

The updated information submission by the Developer, including manufacturer information, shall occur no later than one hundred eighty (180) Calendar Days prior to the Trial Operation. Developer shall submit a completed copy of the Large Generating Facility data requirements contained in Appendix 1 to the Large Facility Interconnection Procedures. It shall also include any additional information provided to Connecting Transmission Owner for the Interconnection Feasibility Study and Interconnection Facilities Study. Information in this submission shall be the most current Large Generating Facility design or expected performance data. Information submitted for stability models shall be compatible with NYISO standard models. If there is no compatible model, the Developer will work with a consultant mutually agreed to by the Parties to develop and supply a standard model and associated information.

If the Developer's data is different from what was originally provided to Connecting Transmission Owner and NYISO pursuant to an Interconnection Study Agreement among Connecting Transmission Owner, NYISO and Developer and this difference may be reasonably expected to affect the other Parties' facilities or the New York State Transmission System, but does not require the submission of a new Interconnection Request, then NYISO will conduct appropriate studies to determine the impact on the New York State Transmission System based on the actual data submitted pursuant to this Article 24.3. Such studies will provide an estimate of any additional modifications to the New York State Transmission System, Connecting Transmission Owner's Attachment Facilities or System Upgrade Facilities or System Deliverability Upgrades based on the actual data and a good faith estimate of the costs thereof. The Developer shall not begin Trial Operation until such studies are completed. The Developer shall be responsible for the cost of any modifications required by the actual data, including the cost of any required studies.

### **24.4 Information Supplementation.**

Prior to the Commercial Operation Date, the Developer and Connecting Transmission Owner shall supplement their information submissions described above in this Article 24 with any and all "as-built" Large Generating Facility information or "as-tested" performance information that differs from the initial submissions or, alternatively, written confirmation that no such differences exist. The Developer shall conduct tests on the Large Generating Facility as required by Good Utility Practice such as an open circuit "step voltage" test on the Large Generating Facility to verify proper operation of the Large Generating Facility's automatic voltage regulator.

Unless otherwise agreed, the test conditions shall include: (1) Large Generating Facility at synchronous speed; (2) automatic voltage regulator on and in voltage control mode; and (3) a five percent change in Large Generating Facility terminal voltage initiated by a change in the voltage regulators reference voltage. Developer shall provide validated test recordings showing

the responses of Large Generating Facility terminal and field voltages. In the event that direct recordings of these voltages is impractical, recordings of other voltages or currents that mirror the response of the Large Generating Facility's terminal or field voltage are acceptable if information necessary to translate these alternate quantities to actual Large Generating Facility terminal or field voltages is provided. Large Generating Facility testing shall be conducted and results provided to the Connecting Transmission Owner and NYISO for each individual generating unit in a station.

Subsequent to the Commercial Operation Date, the Developer shall provide Connecting Transmission Owner and NYISO any information changes due to equipment replacement, repair, or adjustment. Connecting Transmission Owner shall provide the Developer and NYISO any information changes due to equipment replacement, repair or adjustment in the directly connected substation or any adjacent Connecting Transmission Owner substation that may affect the Developer Attachment Facilities equipment ratings, protection or operating requirements. The Developer and Connecting Transmission Owner shall provide such information no later than thirty (30) Calendar Days after the date of the equipment replacement, repair or adjustment.

## **ARTICLE 25. INFORMATION ACCESS AND AUDIT RIGHTS**

### **25.1 Information Access.**

Each Party ("Disclosing Party") shall make available to another Party ("Requesting Party") information that is in the possession of the Disclosing Party and is necessary in order for the Requesting Party to: (i) verify the costs incurred by the Disclosing Party for which the Requesting Party is responsible under this Agreement; and (ii) carry out its obligations and responsibilities under this Agreement. The Parties shall not use such information for purposes other than those set forth in this Article 25.1 of this Agreement and to enforce their rights under this Agreement.

### **25.2 Reporting of Non-Force Majeure Events.**

Each Party (the "Notifying Party") shall notify the other Parties when the Notifying Party becomes aware of its inability to comply with the provisions of this Agreement for a reason other than a Force Majeure event. The Parties agree to cooperate with each other and provide necessary information regarding such inability to comply, including the date, duration, reason for the inability to comply, and corrective actions taken or planned to be taken with respect to such inability to comply. Notwithstanding the foregoing, notification, cooperation or information provided under this Article shall not entitle the Party receiving such notification to allege a cause for anticipatory breach of this Agreement.

### **25.3 Audit Rights.**

Subject to the requirements of confidentiality under Article 22 of this Agreement, each Party shall have the right, during normal business hours, and upon prior reasonable notice to another Party, to audit at its own expense the other Party's accounts and records pertaining to the other Party's performance or satisfaction of its obligations under this Agreement. Such audit rights shall include audits of the other Party's costs, calculation of invoiced amounts, and each

Party's actions in an Emergency State. Any audit authorized by this Article shall be performed at the offices where such accounts and records are maintained and shall be limited to those portions of such accounts and records that relate to the Party's performance and satisfaction of obligations under this Agreement. Each Party shall keep such accounts and records for a period equivalent to the audit rights periods described in Article 25.4 of this Agreement.

**25.4 Audit Rights Periods.**

**25.4.1 Audit Rights Period for Construction-Related Accounts and Records.**

Accounts and records related to the design, engineering, procurement, and construction of Connecting Transmission Owner's Attachment Facilities and System Upgrade Facilities and System Deliverability Upgrades shall be subject to audit for a period of twenty-four months following Connecting Transmission Owner's issuance of a final invoice in accordance with Article 12.2 of this Agreement.

**25.4.2 Audit Rights Period for All Other Accounts and Records.**

Accounts and records related to a Party's performance or satisfaction of its obligations under this Agreement other than those described in Article 25.4.1 of this Agreement shall be subject to audit as follows: (i) for an audit relating to cost obligations, the applicable audit rights period shall be twenty-four months after the auditing Party's receipt of an invoice giving rise to such cost obligations; and (ii) for an audit relating to all other obligations, the applicable audit rights period shall be twenty-four months after the event for which the audit is sought.

**25.5 Audit Results.**

If an audit by a Party determines that an overpayment or an underpayment has occurred, a notice of such overpayment or underpayment shall be given to the other Party together with those records from the audit which support such determination.

**ARTICLE 26. SUBCONTRACTORS**

**26.1 General.**

Nothing in this Agreement shall prevent a Party from utilizing the services of any subcontractor as it deems appropriate to perform its obligations under this Agreement; provided, however, that each Party shall require its subcontractors to comply with all applicable terms and conditions of this Agreement in providing such services and each Party shall remain primarily liable to the other Parties for the performance of such subcontractor.

**26.2 Responsibility of Principal.**

The creation of any subcontract relationship shall not relieve the hiring Party of any of its obligations under this Agreement. The hiring Party shall be fully responsible to the other Parties for the acts or omissions of any subcontractor the hiring Party hires as if no subcontract had been made; provided, however, that in no event shall the NYISO or Connecting Transmission Owner

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be liable for the actions or inactions of the Developer or its subcontractors with respect to obligations of the Developer under Article 5 of this Agreement. Any applicable obligation imposed by this Agreement upon the hiring Party shall be equally binding upon, and shall be construed as having application to, any subcontractor of such Party.

### **26.3 No Limitation by Insurance.**

The obligations under this Article 26 will not be limited in any way by any limitation of subcontractor's insurance.

## **ARTICLE 27. DISPUTES**

### **27.1 Submission.**

In the event any Party has a dispute, or asserts a claim, that arises out of or in connection with this Agreement or its performance (a "Dispute"), such Party shall provide the other Parties with written notice of the Dispute ("Notice of Dispute"). Such Dispute shall be referred to a designated senior representative of each Party for resolution on an informal basis as promptly as practicable after receipt of the Notice of Dispute by the other Parties. In the event the designated representatives are unable to resolve the Dispute through unassisted or assisted negotiations within thirty (30) Calendar Days of the other Parties' receipt of the Notice of Dispute, such Dispute may, upon mutual agreement of the Parties, be submitted to arbitration and resolved in accordance with the arbitration procedures set forth below. In the event the Parties do not agree to submit such Dispute to arbitration, each Party may exercise whatever rights and remedies it may have in equity or at law consistent with the terms of this Agreement.

### **27.2 External Arbitration Procedures.**

Any arbitration initiated under this Agreement shall be conducted before a single neutral arbitrator appointed by the Parties. If the Parties fail to agree upon a single arbitrator within ten (10) Calendar Days of the submission of the Dispute to arbitration, each Party shall choose one arbitrator who shall sit on a three-member arbitration panel. In each case, the arbitrator(s) shall be knowledgeable in electric utility matters, including electric transmission and bulk power issues, and shall not have any current or past substantial business or financial relationships with any party to the arbitration (except prior arbitration). The arbitrator(s) shall provide each of the Parties an opportunity to be heard and, except as otherwise provided herein, shall conduct the arbitration in accordance with the Commercial Arbitration Rules of the American Arbitration Association ("Arbitration Rules") and any applicable FERC regulations or RTO rules; provided, however, in the event of a conflict between the Arbitration Rules and the terms of this Article 27, the terms of this Article 27 shall prevail.

### **27.3 Arbitration Decisions.**

Unless otherwise agreed by the Parties, the arbitrator(s) shall render a decision within ninety (90) Calendar Days of appointment and shall notify the Parties in writing of such decision and the reasons therefor. The arbitrator(s) shall be authorized only to interpret and apply the provisions of this Agreement and shall have no power to modify or change any provision of this

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Agreement in any manner. The decision of the arbitrator(s) shall be final and binding upon the Parties, and judgment on the award may be entered in any court having jurisdiction. The decision of the arbitrator(s) may be appealed solely on the grounds that the conduct of the arbitrator(s), or the decision itself, violated the standards set forth in the Federal Arbitration Act or the Administrative Dispute Resolution Act. The final decision of the arbitrator must also be filed with FERC if it affects jurisdictional rates, terms and conditions of service, Attachment Facilities, or System Upgrade Facilities, System Deliverability Upgrades.

### **27.4 Costs.**

Each Party shall be responsible for its own costs incurred during the arbitration process and for the following costs, if applicable: (1) the cost of the arbitrator chosen by the Party to sit on the three member panel; or (2) one-third the cost of the single arbitrator jointly chosen by the Parties.

### **27.5 Termination.**

Notwithstanding the provisions of this Article 27, any Party may terminate this Agreement in accordance with its provisions or pursuant to an action at law or equity. The issue of whether such a termination is proper shall not be considered a Dispute hereunder.

## **ARTICLE 28. REPRESENTATIONS, WARRANTIES AND COVENANTS**

### **28.1 General.**

Each Party makes the following representations, warranties and covenants:

#### **28.1.1 Good Standing.**

Such Party is duly organized, validly existing and in good standing under the laws of the state in which it is organized, formed, or incorporated, as applicable; that it is qualified to do business in the state or states in which the Large Generating Facility, Attachment Facilities and System Upgrade Facilities and System Deliverability Upgrades owned by such Party, as applicable, are located; and that it has the corporate power and authority to own its properties, to carry on its business as now being conducted and to enter into this Agreement and carry out the transactions contemplated hereby and perform and carry out all covenants and obligations on its part to be performed under and pursuant to this Agreement.

#### **28.1.2 Authority.**

Such Party has the right, power and authority to enter into this Agreement, to become a Party hereto and to perform its obligations hereunder. This Agreement is a legal, valid and binding obligation of such Party, enforceable against such Party in accordance with its terms, except as the enforceability thereof may be limited by applicable bankruptcy, insolvency, reorganization or other similar laws affecting creditors' rights generally and by general equitable principles (regardless of whether enforceability is sought in a proceeding in equity or at law).

**28.1.3 No Conflict.**

The execution, delivery and performance of this Agreement does not violate or conflict with the organizational or formation documents, or bylaws or operating agreement, of such Party, or any judgment, license, permit, order, material agreement or instrument applicable to or binding upon such Party or any of its assets.

**28.1.4 Consent and Approval.**

Such Party has sought or obtained, or, in accordance with this Agreement will seek or obtain, each consent, approval, authorization, order, or acceptance by any Governmental Authority in connection with the execution, delivery and performance of this Agreement, and it will provide to any Governmental Authority notice of any actions under this Agreement that are required by Applicable Laws and Regulations.

**ARTICLE 29. MISCELLANEOUS**

**29.1 Binding Effect.**

This Agreement and the rights and obligations hereof, shall be binding upon and shall inure to the benefit of the successors and permitted assigns of the Parties hereto.

**29.2 Conflicts.**

If there is a discrepancy or conflict between or among the terms and conditions of this cover agreement and the Appendices hereto, the terms and conditions of this cover agreement shall be given precedence over the Appendices, except as otherwise expressly agreed to in writing by the Parties. As permitted by the foregoing, the Parties expressly agree that the terms and conditions of the Appendices shall take precedence over the provisions of this cover agreement in case of a discrepancy or conflict between or among the terms and conditions of same.

**29.3 Rules of Interpretation.**

This Agreement, unless a clear contrary intention appears, shall be construed and interpreted as follows: (1) the singular number includes the plural number and vice versa; (2) reference to any person includes such person's successors and assigns but, in the case of a Party, only if such successors and assigns are permitted by this Agreement, and reference to a person in a particular capacity excludes such person in any other capacity or individually; (3) reference to any agreement (including this Agreement), document, instrument or tariff means such agreement, document, instrument, or tariff as amended or modified and in effect from time to time in accordance with the terms thereof and, if applicable, the terms hereof; (4) reference to any Applicable Laws and Regulations means such Applicable Laws and Regulations as amended, modified, codified, or reenacted, in whole or in part, and in effect from time to time, including, if applicable, rules and regulations promulgated thereunder; (5) unless expressly stated otherwise, reference to any Article, Section or Appendix means such Article of this Agreement or such Appendix to this Agreement, or such Section to the Large Facility Interconnection



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Procedures or such Appendix to the Large Facility Interconnection Procedures, as the case may be; (6) “hereunder”, “hereof”, “herein”, “hereto” and words of similar import shall be deemed references to this Agreement as a whole and not to any particular Article or other provision hereof or thereof; (7) “including” (and with correlative meaning “include”) means including without limiting the generality of any description preceding such term; and (8) relative to the determination of any period of time, “from” means “from and including”, “to” means “to but excluding” and “through” means “through and including”.

### **29.4 Compliance.**

Each Party shall perform its obligations under this Agreement in accordance with Applicable Laws and Regulations, Applicable Reliability Standards, the NYISO OATT and Good Utility Practice. To the extent a Party is required or prevented or limited in taking any action by such regulations and standards, such Party shall not be deemed to be in Breach of this Agreement for its compliance therewith. When any Party becomes aware of such a situation, it shall notify the other Parties promptly so that the Parties can discuss the amendment to this Agreement that is appropriate under the circumstances.

### **29.5 Joint and Several Obligations.**

Except as otherwise stated herein, the obligations of NYISO, Developer and Connecting Transmission Owner are several, and are neither joint nor joint and several.

### **29.6 Entire Agreement.**

~~This~~Except as described in Section 2(h) of Appendix C, this Agreement, including all Appendices and Schedules attached hereto, constitutes the entire agreement between the Parties with reference to the subject matter hereof, and supersedes all prior and contemporaneous understandings or agreements, oral or written, between the Parties with respect to the subject matter of this Agreement. There are no other agreements, representations, warranties, or covenants which constitute any part of the consideration for, or any condition to, either Party’s compliance with its obligations under this Agreement.

### **29.7 No Third Party Beneficiaries.**

This Agreement is not intended to and does not create rights, remedies, or benefits of any character whatsoever in favor of any persons, corporations, associations, or entities other than the Parties, and the obligations herein assumed are solely for the use and benefit of the Parties, their successors in interest and permitted their assigns.

### **29.8 Waiver.**

The failure of a Party to this Agreement to insist, on any occasion, upon strict performance of any provision of this Agreement will not be considered a waiver of any obligation, right, or duty of, or imposed upon, such Party. Any waiver at any time by either Party of its rights with respect to this Agreement shall not be deemed a continuing waiver or a waiver with respect to any other failure to comply with any other obligation, right, duty of this Agreement. Termination or Default of this Agreement for any reason by the Developer shall not



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constitute a waiver of the Developer's legal rights to obtain Capacity Resource Interconnection Service and Energy Resource Interconnection Service from the NYISO and Connecting Transmission Owner in accordance with the provisions of the NYISO OATT. Any waiver of this Agreement shall, if requested, be provided in writing.

### **29.9 Headings.**

The descriptive headings of the various Articles of this Agreement have been inserted for convenience of reference only and are of no significance in the interpretation or construction of this Agreement.

### **29.10 Multiple Counterparts.**

This Agreement may be executed in two or more counterparts, each of which is deemed an original but all constitute one and the same instrument.

### **29.11 Amendment.**

The Parties may by mutual agreement amend this Agreement, by a written instrument duly executed by all three of the Parties.

### **29.12 Modification by the Parties.**

The Parties may by mutual agreement amend the Appendices to this Agreement, by a written instrument duly executed by all three of the Parties. Such an amendment shall become effective and a part of this Agreement upon satisfaction of all Applicable Laws and Regulations.

### **29.13 Reservation of Rights.**

NYISO and Connecting Transmission Owner shall have the right to make unilateral filings with FERC to modify this Agreement with respect to any rates, terms and conditions, charges, classifications of service, rule or regulation under section 205 or any other applicable provision of the Federal Power Act and FERC's rules and regulations thereunder, and Developer shall have the right to make a unilateral filing with FERC to modify this Agreement pursuant to section 206 or any other applicable provision of the Federal Power Act and FERC's rules and regulations thereunder; provided that each Party shall have the right to protest any such filing by another Party and to participate fully in any proceeding before FERC in which such modifications may be considered. Nothing in this Agreement shall limit the rights of the Parties or of FERC under sections 205 or 206 of the Federal Power Act and FERC's rules and regulations thereunder, except to the extent that the Parties otherwise mutually agree as provided herein.

### **29.14 No Partnership.**

This Agreement shall not be interpreted or construed to create an association, joint venture, agency relationship, or partnership among the Parties or to impose any partnership obligation or partnership liability upon any Party. No Party shall have any right, power or

authority to enter into any agreement or undertaking for, or act on behalf of, or to act as or be an agent or representative of, or to otherwise bind, any other Party.

**29.15 Other Transmission Rights.**

Notwithstanding any other provision of this Agreement, nothing herein shall be construed as relinquishing or foreclosing any rights, including but not limited to firm transmission rights, capacity rights, or transmission congestion rights that the Developer shall be entitled to, now or in the future under any other agreement or tariff as a result of, or otherwise associated with, the transmission capacity, if any, created by the System Upgrade Facilities and System Deliverability Upgrades.

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IN WITNESS WHEREOF, the Parties have executed this LGIA in duplicate originals, each of which shall constitute and be an original effective Agreement between the Parties.

**New York Independent System Operator, Inc.**

By: \_\_\_\_\_

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

Date: \_\_\_\_\_

~~[Insert Name of Connecting Transmission Owner]~~

**Consolidated Edison Company of New York, Inc.**

By: \_\_\_\_\_

Title: **Vice President, System and Transmission Operations**

Date: \_\_\_\_\_

~~[Insert Name of Developer]~~

**Cricket Valley Energy Center, LLC**

By: \_\_\_\_\_

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

Date: \_\_\_\_\_

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**APPENDICES**

**Appendix A**

Attachment Facilities and System Upgrade Facilities

**Appendix B**

Milestones

**Appendix C**

Interconnection Details

**Appendix D**

Security Arrangements Details

**Appendix E**

Commercial Operation Date

**Appendix F**

Addresses for Delivery of Notices and Billings

**Appendix G**

Interconnection Requirements for a Wind Generating Plant

**Appendix H**

**Standard Terms and Conditions of Consolidated Edison Company of New York,  
Inc. Construction Projects**

**Appendix I**

**Scope of Work for Engineering Services Described in Section 5 of Appendix A**

APPENDIX A

ATTACHMENT FACILITIES AND SYSTEM UPGRADE FACILITIES

1. Attachment Facilities:

~~(a) {insert a.}~~ Developer's Attachment Facilities~~}~~:

The Developer's Attachment Facilities ("DAFs") include all of the facilities between the Developer's side of the Point of Change of Ownership ("PCO") and the Large Generating Facility. As depicted in Figure A-1 to this Appendix A, the DAFs consist of the following major electrical and physical equipment:

- Three (3) 345 kV feeder cables.

~~(b) {insert b.}~~ Connecting Transmission Owner's Attachment Facilities~~}~~:

The PCO and the Point of Interconnection ("POI") are designated on Figure A-1 to this Appendix A. The Connecting Transmission Owner's Attachment Facilities ("CTOAFs") include the facilities from the PCO to the POI. As depicted in Figure A-1, the CTOAFs include the following major electrical and physical equipment:

- Three (3) 362 kV, 3000A, 63 kA SF6 insulated, disconnect switches with ground switches and pothead enclosures;
- Eighteen (18) C800, 600 V, 3000/5A, slip over current transformers;
- Nine (9) 600 V, 3000/5A, revenue meter class current transformers.

Pursuant to Article 5.1.3 of this Agreement, the Developer has chosen the option to build the CTOAFs. The Developer will design and construct the CTOAFs in accordance with Applicable Laws and Regulations and the applicable requirements and standards of the Connecting Transmission Owner set forth in Appendix H, and subject to the Connecting Transmission Owner's approval, to the extent not inconsistent with the terms of this Agreement or the NYISO OATT. The Developer will provide the CTOAFs to the Connecting Transmission Owner in such condition that they comply with all Applicable Laws and Regulations.

2. System Upgrade Facilities ("SUFs"):

a. ~~{insert}~~ Stand Alone System Upgrade Facilities~~}~~:

The Developer will design, procure, and construct a new 345 kV Gas Insulated Substation ("GIS") configured as a six (6) breaker ring bus ("Cricket Valley Substation"). The Cricket Valley Substation will consist of the following major electrical and physical equipment:

i. Indoor GIS-related Equipment

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- Six (6) Breakers 362 kV SF6 insulated GIS, 3000 A continuous, 63 kA interrupting;
- Eighteen (18) disconnect switches with ground switches;
- Six (6) high speed ground switches;
- Six (6) sets of New York Public Service Commission (“NYPSC”)-approved revenue meter class potential transformers (“PTs”) with separate three secondary winding to be used for both metering and relaying, six (6) sets of manual PTs isolation switches, and one (1) lot of 1300 BIL gas insulated bus (“GIB”);
- Climate-controlled building to house the GIS, and all necessary accessories including, but not limited to, control room, light and power panels, battery rooms, separate communication rooms for corporate communication network and for the leased communication circuits, relay rooms;
- Relay protection and substation automation system using IEC 61850 for the GIS, the 345 kV feeders to Pleasant Valley Substation and Long Mountain Substation and the 345kV generator leads, including the following equipment:
  - GIS Bus Section relay protection;
  - 345kV feeders to Pleasant Valley Substation (existing and the new 2<sup>nd</sup> circuit);
  - 345kV feeder to Long Mountain Substation; and
  - 345kV generator leads;
- Two (2) 500 kVA, 13.8kV/120/208V dry-type pad mounted transformers;
- Two (2) 120/208 VAC loadboards; and
- Two (2) 125 VDC loadboards, rectifiers and batteries.

### ii. Outdoor Air-Insulated and Gas-Insulated Substation Equipment

- Three (3) disconnect switches w/ground switches;<sup>1</sup>
- Nine (9) surge arresters;
- One (1) lot of 345 kV air insulated bus system;
- Nine (9) SF6 to air bushing;
- One (1) lot of outdoor type 362 kV SF6 GIB;
- Three (3) pothead steel structures;
- Three (3) SF6 to air bushing support;
- Grounding system;
- Two (2) lightning masts;

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<sup>1</sup> Quantities are best estimates and are subject to change based on final approved drawings.

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- One (1) 500 kW diesel generator;
- Nine (9) ISO SF6 test disconnect switches (three (3) per each 345 kV cable); and
- Outdoor lighting.

Pursuant to Article 5.1.3. of this Agreement, the Developer has chosen the option to build for the Stand Alone System Upgrade Facilities. The Developer will design and construct the Stand Alone System Upgrade Facilities in accordance with Applicable Laws and Regulations and the applicable requirements and standards of the Connecting Transmission Owner set forth in Appendix H, and subject to the Connecting Transmission Owner's approval, to the extent not inconsistent with the terms of this Agreement or the NYISO OATT. The Connecting Transmission Owner shall supply standard drawings and equipment specifications for the Developer to finalize the Cricket Valley Substation design for the Connecting Transmission Owner's review and approval. The Connecting Transmission Owner shall have final approval authority on the final design. The Connecting Transmission Owner will perform its review and approval of the engineering design of these Stand Alone System Upgrade Facilities required in Section 5.2(3) of this Agreement in the manner described in Section 5 of this Appendix A. The Developer will provide the Stand Alone System Upgrade Facilities, including without limitation the Cricket Valley Substation, to the Connecting Transmission Owner in such condition that they comply with all Applicable Laws and Regulations.

The Cricket Valley Substation will be located on Developer-owned real property adjacent to the Connecting Transmission Owner's 345 kV Line 398. Subsequent to the execution of this Agreement, the Developer will grant the Connecting Transmission Owner an easement for the real property on which the new Cricket Valley Substation will be situated, as described in Appendix C. Among other things, the Developer assumes liability for and shall at all times indemnify, defend, and save harmless, as applicable, the Connecting Transmission Owner, to the extent not in conflict with Article 18.1 of this Agreement, from, any and all damages, losses, claims, demands, suits, recoveries, costs and expenses, court costs, attorney fees, liabilities and all obligations by or to third parties (including without limitation any Governmental Authority), arising out of or resulting from any (i) actual or alleged violation of any Environmental Law, or (ii) release, threatened release or presence of any Hazardous Substances, in each case of (i) and (ii), existing on, under, about or in connection with the Cricket Valley Substation (including without limitation the land thereunder) on or before the date on which the Cricket Valley Substation is accepted by and transferred to the Connecting Transmission Owner.

### iii. Second Pleasant Valley to Cricket Valley 345 kV Line

The Developer will design, procure, construct and install a second Pleasant Valley to Cricket Valley 345 kV transmission line (approximately 14.5 miles) (the "Transmission Line"), which shall consist of:

- Steel pole structures with twin-bundled 795 kcmil Aluminum Conductor Steel Supported ("ACSS") Mallard conductor;



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- A single ground wire; and
- A second optical ground wire with 72 fibers.

Pursuant to Article 5.1.3 of this Agreement, the Developer has chosen the option to build the System Upgrade Facilities designated to the Developer in this Section 2.a.iii. The Developer will design and construct the System Upgrade Facilities for which it is responsible pursuant to this Section 2.a.iii in accordance with Applicable Laws and Regulations, the NYPSC Order Granting Certificate of Environmental Compatibility and Public Need, Issued and Effective, April 20, 2016 (the “Certificate Order”), and all follow-up NYPSC approvals, including any approved Environmental Management and Construction Plan, and the applicable requirements and standards of the Connecting Transmission Owner set forth in Appendix H, and subject to the Connecting Transmission Owner’s approval to the extent not inconsistent with the terms of this Agreement or the NYISO OATT. The Connecting Transmission Owner will perform its review and approval of the engineering design of these Stand Alone System Upgrade Facilities required in Section 5.2(3) of this Agreement in the manner described in Section 5 of this Appendix A.

In the Certificate Order, the NYPSC stated that no additional rights of way (“ROW”) will be required to accommodate the Transmission line. (Certificate Order at 3). In addition, the NYPSC ruled that the Developer “shall be responsible for acquiring any additional necessary rights, licenses, or permits for the ROW or off-ROW access....” (*Id.* “*PROPOSED ORDERING CLAUSES/CERTIFICATE CONDITIONS*”, 101 (U) at 33.) Consistent with this NYPSC requirement, Developer shall obtain any necessary real property rights for the work prior to commencement of construction and Developer will deliver to the Connecting Transmission Owner evidence acceptable to the Connecting Transmission Owner that the Developer has obtained the property rights needed along the Connecting Transmission Owner’s right-of-way.

The Developer will provide the System Upgrade Facilities to the Connecting Transmission Owner in such condition that they comply with all Applicable Laws and Regulations. The Developer will enter into a license agreement to construct these System Upgrade Facilities on the Connecting Transmission Owner’s property, as described in Appendix C. Among other things, the Developer assumes liability for and shall at all times indemnify, defend, and save harmless, as applicable the Connecting Transmission Owner, to the extent not in conflict with Article 18.1 of this Agreement, from, any and all damages, losses, claims, demands, suits, recoveries, costs and expenses, court costs, attorney fees, liabilities and all obligations by or to third parties (including without limitation any Governmental Authority), arising out of or resulting from any (i) actual or alleged violation of any Environmental Law, or (ii) discovery, release, threatened release or presence of any Hazardous Substances, in each case of (i) and (ii), on, under, about or in connection with the Connecting Transmission Owner’s property in the course of Developer’s or its subcontractors activities associated with the System Upgrade Facilities.

### iv. Reconductoring Line 398 Between Cricket Valley Substation and the New York/Connecticut Border

The Developer will be responsible for performing the reconductoring and replacement of shield wire with optical ground wire (OPGW) with 72 fibers, of transmission line 398 ("Line 398") between the Cricket Valley Substation and the New York/Connecticut border ("New York Line 398 Reconductoring"), which line segment will consist of twin-bundled 795 kcmil ACSS Mallard conductor and one (2) shield wires and one (1) OPGW with 72 fibers. The Developers contractor performing the above work shall be from the Connecting Transmission Owner's list of approved contractors and such work shall be performed in accordance with Applicable Laws and Regulations, the NYPSC Order Granting Certificate of Environmental Compatibility and Public Need, Issued and Effective, April 20, 2016 and all follow up NYPSC approvals, including any approved Environmental Management and Construction Plan. The Connecting Transmission Owner will perform its review and approval of the engineering design of these Stand Alone System Upgrade Facilities required in Section 5.2(3) of this Agreement in the manner described in Section 5 of this Appendix A.

The reconductoring of Line 398 in Connecticut, between the New York/Connecticut border and the Long Mountain Substation in Connecticut, and any associated relay protection upgrades including optical ground wire (OPGW) with 72 fibers, are addressed under a separate agreement between Eversource Energy and the Developer. The Connecticut reconductoring work must be completed and in-service before the first combustion turbine generator begins testing.

v. System Upgrade Facilities on Consolidated Edison Line 398

The Developer will design, construct, and install the following System Upgrade Facilities:

- Two (2) double circuit, steel monopoles; and
- Three (3) single circuit H-Frame take-off structures.

Pursuant to Article 5.1.3 of this Agreement, the Developer has chosen the option to build the System Upgrade Facilities designated to the Developer in this Section 2.b.v. The Developer will design and construct the System Upgrade Facilities for which it is responsible pursuant to this Section 2.b.v in accordance with Applicable Laws and Regulations, the Certificate Order and all follow up NYPSC approvals, including any approved Environmental Management and Construction Plan, and the applicable requirements and standards of the Connecting Transmission Owner set forth in Appendix H, and subject to the Connecting Transmission Owner's approval to the extent not inconsistent with the terms of this Agreement or the NYISO OATT.

The Developer will provide these System Upgrade Facilities to the Connecting Transmission Owner in such condition that they comply with all Applicable Laws and Regulations. The Developer will enter into a license agreement to construct these System Upgrade Facilities on the Connecting Transmission Owner's property, as described in Appendix C. Among other things, the Developer assumes liability for and shall at all times indemnify, defend, and save harmless, as applicable the Connecting Transmission Owner,

to the extent not in conflict with Article 18.1 of this Agreement, from, any and all damages, losses, claims, demands, suits, recoveries, costs and expenses, court costs, attorney fees, liabilities and all obligations by or to third parties (including without limitation any Governmental Authority), arising out of or resulting from any (i) actual or alleged violation of any Environmental Law, or (ii) discovery, release, threatened release or presence of any Hazardous Substances, in each case of (i) and (ii), on, under, about or in connection with the Connecting Transmission Owner's property in the course of Developer's or its subcontractors activities associated with the System Upgrade Facilities.

b. ~~[insert~~ Other System Upgrade Facilities]:

i. Pleasant Valley Substation

*Pleasant Valley Substation Work Related to Transmission Line 398*

The Connecting Transmission Owner will design, construct and install the following equipment required for feeder 398 metering, relay protection and feeder disconnect switch upgrade at the Pleasant Valley Substation:

- Three (3) 345 kV revenue grade PTs, NYPSC-approved revenue grade meters;
- One (1) new motor operated disconnect switch 362 kV, 5000 A continuous 100kA, 3-phase;
- Three (3) ground switches 362kV, 100kA withstand, 1-phase;
- Two (2) new relay panels (first and second line protection for 345kV line to Cricket Valley Substation);
- Two (2) new breaker failure time relay panels for first and second line of protection;
- Work associated with moving the tie line meter from Pleasant Valley Substation to Cricket Valley Substation (another location<sup>2</sup>); and
- Upgrade tower structures to accommodate the new feeder 398 disconnect switches, if necessary.

*Pleasant Valley Substation Work Related to Second Pleasant Valley to Cricket Valley 345 kV Line*

The Connecting Transmission Owner will design, procure, construct and install major equipment at the Pleasant Valley Substation to accommodate the Transmission Line, which shall consist of:

- Four (4) new relay panels;
- Telecommunications, SCADA, alarms, AC and DC supplies, and testing;
- One (1) lot air insulated system ("AIS") bus;
- One (1) 362 kV SF6 insulated circuit breaker, 3000 A continuous, 63 kA interrupting, with six (6) 3000:5 current transformers;

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<sup>2</sup> Final location to be determined later based on final approved drawings.

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- One (1) motor operated disconnect switch 362 kV, 5000 A continuous, 100 kA withstand, 3-phase;
- Three (3) ground switches 362 kV, 100 kA withstand, 1-phase;
- Foundations, support structures, grounding;
- Three (3) 345 kV revenue meters grade PTs, NYPSC approved revenue grade meters;
- Upgrade tower structures to accommodate the new feeder 398 disconnect switches, if necessary.

Connecting Transmission Owner shall perform all final acceptance inspections and testing at the Pleasant Valley Substation. In addition, the following requirements apply to the above work related to the Pleasant Valley Substation:

- When Developer gives the Connecting Transmission Owner the Notice to Proceed with the Pleasant Valley Substation work, Developer will deposit in a Connecting Transmission Owner account the moneys necessary to purchase the necessary equipment for the Pleasant Valley substation upgrades. Once the Connecting Transmission Owner has received the money, it will order the necessary equipment.
- The full amount of monies for below grade civil and electrical installations contract must be deposited by Developer with the Connecting Transmission Owner upon procurement of the contract by the Connecting Transmission Owner and approval of the Purchase Order by the Connecting Transmission Owner.
- The Connecting Transmission Owner will bill Developer when each of the following tasks is completed or upon contract procurement as specified below. If Developer does not pay the Connecting Transmission Owner within 30 days, the Connecting Transmission Owner will have the right to draw down the Letter of Credit associated with the Pleasant Valley upgrades that is contained in the Security Agreement between the Developer and the Connecting Transmission Owner.

### 1. Engineering and design services for:

- new (paralleled) line connection and associated work at Pleasant Valley Substation; and
- feeder 398 disconnect switch upgrade and relay protection modifications at Pleasant Valley Substation

Note: If the Connecting Transmission Owner chooses to exercise its option to obtain Engineering and Design services through the third party, full amount of monies for Engineering and Design services contract must be deposited upon procurement of the contract and Purchase Order approval.

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2. Connecting Transmission owner's work for above grade electrical and wiring work;
3. Connecting Transmission Owner's workforce performed testing and acceptance of the new equipment; and
4. As-built drawing packages and punch items – project close-out.

### **3. System Deliverability Upgrades:**

The System Deliverability Upgrades required for the Large Generating Facility, if any, will be identified in the Class Year Study that commences after the completion of Class Year 2015.

### **4. Estimated Costs \***

<u>Description</u>	<u>Cost</u>
<u>Connecting Transmission Owner's Attachment Facilities</u>	<u>\$11,019,432</u>
<u>System Upgrade Facilities</u>	
<u>Cricket Valley GIS Substation</u>	<u>\$188,716,111</u>
<u>Pleasant Valley Substation</u>	<u>\$9,493,118</u>
<u>Addition of 2<sup>nd</sup> Pleasant Valley to Cricket Valley 345 kV Line</u>	<u>\$90,042,024</u>
<u>Reconductoring Line 398 from Cricket Valley to NE Border</u>	<u>\$17,743,315</u>
<u>Total</u>	<u>\$317,014,000</u>

\* These cost estimates were developed as part of the NYISO's Class Year Interconnection Facilities Study ("Class Year Study") that, as of the Effective Date of this Agreement, had not yet commenced. The final costs estimates will be included in the Class Year Study that commences after the completion of Class Year 2015. The costs estimates reflected in this Agreement will be amended, as necessary, to reflect the cost estimates included in the final Class Year Study report for the Class Year Study that commences after the completion of Class Year 2015.

Included within the above total cost estimates are the cost estimates for the Connecting Transmission Owner's engineering work described in Section 5 of this Appendix A. Developer has already paid to Connecting Transmission Owner a deposit in the amount of Three Hundred Thousand Dollars (\$300,000) held by Connecting Transmission Owner in immediately available funds to an account established by Connecting Transmission Owner (in accordance with Connecting Transmission Owner's internal procedures (the "Disbursement Account"). The funds in the Disbursement Account shall be drawn upon by Connecting Transmission Owner to pay Connecting Transmission Owner for its performance of the engineering services described in Section 5

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of this Appendix A and the related charges and the costs, and shall be applied against the related invoices, as more particularly set forth below.

The price for the engineering services described in Section 5 of Appendix A shall be based on the applicable hourly rates and other charges and costs set forth in the document entitled “Consolidated Edison Company of New York, Inc. 2016 Accommodation Billing Rates Developer acknowledges and agrees that the rates, charges and costs set forth in the 2016 Accommodation Billing Schedule are subject to periodic revision by Connecting Transmission Owner upon written notice (the “Connecting Transmission Owner Notice”) to Developer and that, after the date of the Connecting Transmission Owner Notice, the revised rates, charges and costs referenced in the Connecting Transmission Owner Notice shall be applicable to the engineering services. The rates, charges and costs set forth in the 2016 Accommodation Billing Schedule, and any successor billing schedule, do not include any charge or fee for any governmental or non-governmental permits, authorization, consents or approvals that may be required in connection with the engineering services. Developer agrees to pay any such charges and fees and to reimburse the Connecting Transmission Owner for any such charges and fees that the Connecting Transmission Owner is required to pay.

Consistent with Article 12 of this Agreement, invoices shall be issued monthly by Connecting Transmission Owner and shall describe the period covered by the invoice, the hours of services furnished during such period and the applicable hourly rates and reimbursable charges and costs. For purposes of the engineering services described in Section 5 of this Appendix A, the Connecting Transmission Owner is hereby authorized to withdraw the amount of each such invoice from the Disbursement Account in payment of such invoice. If, at any time, the balance in the Disbursement Account falls below One Hundred Thousand Dollars (\$100,000) or is insufficient to cover the amount of any invoice, within thirty (30) calendar days of receiving notice thereof, Developer shall replenish the Disbursement Account by the payment of an additional amount equal to the greater of (i) One Hundred Fifty Thousand Dollars (\$150,000) and (ii) the amount of any such insufficiency plus an additional One Hundred Fifty Thousand Dollars (\$150,000).

Following the completion of the engineering services, Connecting Transmission Owner shall issue a final statement (the “Final Statement”) to Developer showing the payments made by Developer concerning the engineering services and the amount of the invoices applied against the aggregate amount of such payments. In the event that the balance of the Disbursement Account remaining after application of all prior invoices is not sufficient to cover the amount of any outstanding invoice, Developer shall, within thirty (30) calendar days of receipt of notice from the Connecting Transmission Owner, pay the Connecting Transmission Owner the amount of such insufficiency. To the extent that such remaining balance of the escrow fund exceeds the amount necessary to cover all invoices payable to the Connecting Transmission Owner for purposes of engineering services performed in accordance with Section 5 of this Appendix A, the Connecting Transmission owner shall, within thirty (30) calendar days of issuing the Final Statement to Developer, pay Developer the amount of such balance.

5. Engineering Work

a. Engineering Services Provided by Connecting Transmission Owner

i. Engineering Services

The Connecting Transmission Owner will perform its review and approval of the engineering design of the Cricket Valley Substation, the Transmission Line, and the New York Line 398 Reconductoring as required in Section 5.2(3) of this Agreement in the manner described in this Section 5 and detailed in the scope of work attached as Appendix I to this Agreement. The Connecting Transmission Owner and Developer's contact information concerning the performance of the engineering services described in this Section 5 are included in Appendix F of this Agreement.

The Connecting Transmission Owner shall only provide engineering services for equipment and structure to which it is contemplated that title will be transferred to the Connecting Transmission Owner under this Agreement. The Connecting Transmission Owner is not providing engineering services with respect to any other equipment or structures. All work, including engineering and design, that may be required at the Pleasant Valley Substation related to the installation of a new feeder and/or modifications to existing Feeder 398 are not included in the engineering services described in this Section 5.

ii. Submission of Drawings

Developer's engineering drawings for the interconnection of the Large Generating Facility shall be submitted to the Connecting Transmission Owner in three separate packages in accordance with the Milestones set forth in Appendix B to this Agreement. The first package shall contain all of the drawings, design studies, and calculations pertaining to the Cricket Valley Substation. The second package shall contain all of the drawings, design studies, and calculations pertaining to the Transmission Line. The third package shall contain all of the drawings, design studies, and calculations pertaining to the New York Line 398 Reconductoring. Prior to submission to the Connecting Transmission Owner, all drawings shall be stamped by a Professional Engineer. If Developer revises any of the drawings in any of the three packages, the revised drawings shall be resubmitted to the Connecting Transmission Owner and shall indicate all changes made from the prior submission by highlighting or circling the change. The Connecting Transmission Owner will not begin review of a package unless such package is complete.

iii. Drawing Review

Upon a determination by the Connecting Transmission Owner that a package is complete, the Connecting Transmission Owner shall commence its review of such package. After completing its review of a package, the Connecting Transmission Owner shall send written notice to Developer detailing the deficiencies and non-conformance with the Connecting Transmission Owner's criteria and specifications and applicable design



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requirements, and shall send copies of any relevant design criteria documents and information. After correcting any deficiencies and non-conformance, Developer shall submit revised design criteria information to the Connecting Transmission Owner for further review and acceptance.

### iv. Modification of Engineering Services

The Connecting Transmission Owner and Developer agree that the scope of engineering services described in this Section 5 may require modification to reflect engineering requirements of the Large Generating Facility based on the results of the Class Year that commences after the completion of Class Year 2015. Such modifications may include, but are not limited to, those deemed necessary by Connecting Transmission Owner, in its sole discretion.

### b. Disclaimer of Warranties; Release

#### i. Disclaimer of Warranties

The Connecting Transmission Owner's obligations with respect to the engineering services described in this Section 5 are limited to providing Developer with a determination of whether the drawings or design information conforms to Connecting Transmission Owner's criteria and to industry standards; however, Connecting Transmission Owner makes no representation or warranty hereunder with respect to the performance of the engineering services or any drawing, design, equipment, design criteria or specification or design criteria information or design requirements or otherwise, including, but not limited to, with respect to accuracy or completeness.

#### ii. Release

Developer hereby waives its right to recover from the Connecting Transmission Owner for, and fully and irrevocably releases the Connecting Transmission Owner from, any and all claims or, liabilities that Developer may now have or may hereafter acquire against the Connecting Transmission Owner for any costs, losses, liabilities, damages, expenses, demands, actions or causes of action arising out of or related to the performance of the engineering services described in this Schedule 5.

### c. Lead Connecting Transmission Owner Organizations

The following Connecting Transmission Owner departments and others may be required for the performance of engineering services under this Section 5: Central Engineering, Substation Operations, Transmission Planning, Transmission Operations-Transmission Line Maintenance, and others. The Connecting Transmission Owner contacts set forth in Appendix F to this Agreement shall be notified by Developer of all communications related to the engineering services described in this Section 5.

6. Other Requirements

The Developer has executed a Class Year Study Agreement for its Large Generating Facility to enter into the Class Year that commences after the completion of Class Year 2015. The Class Year Study is divided into two parts. The first part of the study ("Part 1 Facilities Study") is a design and engineering study performed for an individual Class Year project that identifies the CTOAFs, Local SUFs, and related metering, protection, and telecommunications facilities required to reliably interconnect the project. The second part of the study ("Class Year Study") is a combined study of the projects participating in the Class Year to identify the remainder of the System Upgrade Facilities required to reliably interconnect the aggregate of projects in the Class Year Study.

At the request of Developer, this Agreement was executed prior to the commencement of the Class Year Study in which it will be evaluated – the first Class Year Study that begins after the completion of Class Year 2015. As a result, the interconnection and operation of the Large Generating Facility may require the construction of CTOAFs, Stand Alone System Upgrade Facilities ("Stand Alone SUFs"), and/or Other System Upgrade Facilities ("Other SUFs") in addition to the CTOAFs, Stand-Alone SUFs, and Other SUFs identified in this Appendix A. Developer agrees that it will accept its Project Cost Allocation for any required System Upgrade Facilities, and will post the related Security or payments, that are identified for its project in the Class Year Study that commences after the Class Year 2015

If the CTOAFs, Stand-Alone SUFs, or Other SUFs for Developer's Large Generating Facility identified in the Class Year Study that commences after the completion of Class Year 2015 differ in any material way from the facilities identified in the Appendices to this Agreement, the Parties shall amend this Agreement after Developer has accepted its Project Cost Allocation for the Class Year, pursuant to Articles 29.11 and 29.12, to reflect the CTOAFs and SUFs identified in the Class Year Study.

Before undertaking Trial Operation of the Large Generating Facility, the Developer must accept the cost allocated to the Large Generating Facility for SUFs through the Class Year Study that commences after the completion of Class Year 2015 and post any Security or make any payment required pursuant to Attachment S of the NYISO OATT. If after the Effective Date of this Agreement, the Developer requests that the Large Generating Facility begin Commercial Operations prior to the final settlement of the Class Year Study that commences after the completion of Class Year 2015, the Parties shall amend this Agreement, pursuant to Articles 29.11 and 29.12, to reflect the change in schedule, and the Developer must provide the Connecting Transmission Owner with any difference between the Security amount provided in the security agreement and the Security amount preliminarily identified in the Class Year Study to the extent not inconsistent with Attachment S of the NYISO OATT.

The Developer's Large Generating Facility participated in the Class Year 2012 Interconnection Facilities Study. That study determined that the Developer's project would have an adverse impact on both New England and New York import and exports

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capabilities, and also on the operability of the system. The study identified certain transmission upgrades outside of New York that are also required to accommodate the interconnection of the Large Generating Facility. These upgrades include: (1) the reconductoring of Line 398 from the Long Mountain Substation in Connecticut to the New York/Connecticut border, and (2) certain system protection and communication upgrades at the Long Mountain Substation. The required transmission upgrades will be designed, procured, and constructed pursuant to a separate Engineering, Procurement, and Construction Agreement by and among the Developer and Eversource Energy/ Northeast Utilities Service Company, as agent for the Connecticut Light and Power Company, filed with the Commission in Docket No. ER14-1189-000 and accepted by the Commission in a letter Order dated February 28, 2014. As of the Effective Date of this Agreement, the estimate of the remaining work to be performed for this upgrades is \$11,800,000.

Figure A-1

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Figure A-2

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**APPENDIX B**

**MILESTONES**

**1. Selected Option Pursuant to Article 5.1**

Developer has elected the Option to Build under Article 5.1.3 of the Agreement with respect to the CTOAFs, Stand-Alone SUFs and Other SUFs identified in Appendix A. The Connecting Transmission Owner will construct the remaining Other SUFs identified in Appendix A in accordance with the Standard Option pursuant to Article 5.1.1 of this Agreement.

**2. Milestones**

The following milestones shall apply to the construction and interconnection of the Large Generating Facility, the new second conductor to Pleasant Valley, the reconductored segment of Feeder 398, and the remote end relay protection upgrades. With the exception of the In-Service Date and Commercial Operation Date, the timeframes projected for the milestones are non-binding estimates. The In-Service Date and Commercial Operations Date can only be extended in accordance with the requirements set forth in Attachment X of the NYISO OATT. The actual dates for completion of the milestones are highly dependent upon lead times for the procurement of equipment and material, the availability of labor, outage scheduling, receipt of regulatory approvals, and the results of equipment testing. The completion and results of the Class Year that commences after Class Year 2015, environmental remediation of the site, and other unforeseen events could also affect the achievement of the milestones.

**2.1 NEW SUBSTATION**

<u>Milestone</u>	<u>Date</u>	<u>Responsible Party</u>
<u>Notice to proceed</u>	<u>12/15/2016</u>	<u>Developer</u>
<u>Submit proof of Insurance per Article 18.3</u>	<u>12/15/2016</u>	<u>Developer</u>
<u>Start of Engineering / Design</u>	<u>12/15/2016</u>	<u>Developer</u>
<u>Submission of Engineering Packages:</u>		
<u>Single Line &amp; Meter and Relay Diagrams</u>	<u>2/15/17</u>	<u>Developer</u>
<u>GIS GA's &amp; Control Building Arrangements</u>	<u>3/15/17</u>	<u>Developer</u>
<u>Building Foundation Drawings and supporting calculations</u>	<u>3/15/17</u>	<u>Developer</u>
<u>AC/DC Station Service and supporting calculations</u>	<u>4/15/17</u>	<u>Developer</u>
<u>RTU/SCADA Communication</u>	<u>4/15/17</u>	<u>Developer</u>
<u>Cable &amp; Raceway Drawings</u>	<u>5/15/17</u>	<u>Developer</u>
<u>Control &amp; Protection Drawings</u>	<u>6/15/17</u>	<u>Developer</u>
<u>Structural Steel &amp; Building Drawings and supporting calculations</u>	<u>7/15/17</u>	<u>Developer</u>
<u>Lighting Drawings</u>	<u>4/15/17</u>	<u>Developer</u>

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<u>Lightning Protection Drawings</u>	<u>4/15/17</u>	<u>Developer</u>
<u>Below Grade Electrical Drawings</u>	<u>5/15/17</u>	<u>Developer</u>
<u>GIS Wiring Drawings</u>	<u>6/15/17</u>	<u>Developer</u>
<u>GIS Interlocking Drawings</u>	<u>4/15/17</u>	<u>Developer</u>
<u>Security Drawings</u>	<u>6/15/17</u>	<u>Developer</u>
<u>Testing and Commissioning Procedures</u>	<u>5/15/17</u>	<u>Developer</u>
<u>Energization Procedure</u>	<u>7/15/17</u>	<u>Developer</u>
<u>Approval of Engineering Packages<sup>3</sup> (30 days after submission date):</u>		
<u>Single Line &amp; Meter and Relay Diagrams</u>	<u>3/15/17</u>	<u>Connecting Transmission Owner</u>
<u>GIS GA's &amp; Control Building Arrangements</u>	<u>4/15/17</u>	<u>Connecting Transmission Owner</u>
<u>Building Foundation Drawings and supporting calculations</u>	<u>4/15/17</u>	<u>Connecting Transmission Owner</u>
<u>AC/DC Station Service</u>	<u>5/15/17</u>	<u>Connecting Transmission Owner</u>
<u>RTU/SCADA Communication</u>	<u>5/15/17</u>	<u>Connecting Transmission Owner</u>
<u>Cable &amp; Raceway Drawings and supporting calculations</u>	<u>6/15/17</u>	<u>Connecting Transmission Owner</u>
<u>Control &amp; Protection Drawings</u>	<u>7/15/17</u>	<u>Connecting Transmission Owner</u>
<u>Structural Steel &amp; Building Drawings and supporting calculations</u>	<u>8/15/17</u>	<u>Connecting Transmission Owner</u>
<u>Lighting Drawings</u>	<u>5/15/17</u>	<u>Connecting Transmission Owner</u>
<u>Lightning Protection Drawings</u>	<u>5/15/17</u>	<u>Connecting Transmission Owner</u>
<u>Below Grade Electrical Drawings</u>	<u>6/15/17</u>	<u>Connecting Transmission Owner</u>
<u>GIS Wiring Drawings</u>	<u>7/15/17</u>	<u>Connecting Transmission Owner</u>
<u>GIS Interlocking Drawings</u>	<u>5/15/17</u>	<u>Connecting Transmission Owner</u>
<u>Security Drawings</u>	<u>7/15/17</u>	<u>Connecting Transmission Owner</u>
<u>Testing and Commissioning Procedures</u>	<u>96/15/18</u>	<u>Connecting Transmission Owner</u>

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<sup>3</sup> The estimates dates for completing the approval of engineering drawings are dependent on the number of drawings to be reviewed and the completeness of the drawings, quality of submitted drawings and supporting calculations are in compliance with CTO's specifications and procedures. CTO reserves the right to reject submitted engineering drawings outright without going through review process if provided engineering drawings are not accompanied by supporting calculations or/and studies where necessary.



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<u>Energization Procedure</u>	<u>8/15/18</u>	<u>Connecting Transmission Owner</u>
<u>Commencement of site remediation for substation</u>	<u>12/15/16</u>	<u>Developer</u>
<u>Commencement of substation foundation construction</u>	<u>8/1/17</u>	<u>Developer</u>
<u>L398 Tie-in Outage</u>	<u>9/24/18 – 10/13/18</u>	<u>Developer and Connecting Transmission Owner</u>
<u>In-Service Date – Back Feed</u>	<u>11/1/18</u>	<u>Developer and Connecting Transmission Owner</u>
<u>Initial Synchronization Date</u>	<u>04/01/19</u>	<u>Developer and Connecting Transmission Owner</u>
<u>Generation testing - Train # 1</u>	<u>4/15/19</u>	<u>Developer and Connecting Transmission Owner</u>
<u>Generation testing - Train # 2</u>	<u>5/15/19</u>	<u>Developer and Connecting Transmission Owner</u>
<u>Generation testing - Train # 3</u>	<u>6/15/19</u>	<u>Developer and Connecting Transmission Owner</u>
<u>Commercial Operation Date</u>	<u>8/1/19</u>	<u>Developer</u>

## 2.2 SECOND TRANSMISSION LINE

<u>Milestone</u>	<u>Date</u>	<u>Responsible Party</u>
<u>NYPSC order approving Developer's EM&amp;CP<sup>4</sup></u>	<u>4/1/17</u>	
<u>Notice to proceed<sup>5</sup></u>	<u>12/15/16</u>	<u>Developer</u>
<u>Submit proof of Insurance per Article 18.3</u>	<u>12/15/16</u>	<u>Developer</u>
<u>Start of Engineering / Design</u>	<u>12/15/16</u>	<u>Developer</u>
<u>Submission of Engineering Packages and supporting calculations</u>		
<u>30% Engineering Package</u>	<u>11/14/16</u>	<u>Developer</u>

<sup>4</sup> There may be multiple phased EM&CP approvals from the NYPSC (such as for tree cutting.)

<sup>5</sup> Notice to Proceed to commence engineering work may be given prior to start of construction. Start of Construction cannot occur without a NYPSC order approving EM&CP.

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<u>60% Engineering Package</u>	<u>2/23/17</u>	<u>Developer</u>
<u>90% Engineering Package</u>	<u>5/18/17</u>	<u>Developer</u>
<u>Final Engineering Package</u>	<u>6/29/17</u>	<u>Developer</u>
<u>Approval of Engineering Package and supporting calculations<sup>6</sup></u>		
<u>30% Engineering Package</u>	<u>6 weeks after submittal dates</u>	<u>Connecting Transmission Owner</u>
<u>60% Engineering Package</u>	<u>6 weeks after submittal dates</u>	<u>Connecting Transmission Owner</u>
<u>90% Engineering Package</u>	<u>6 weeks after submittal dates</u>	<u>Connecting Transmission Owner</u>
<u>Final Engineering Package</u>	<u>6 weeks after submittal dates</u>	<u>Connecting Transmission Owner</u>
<u>Commencement of foundation installation</u>	<u>7/12/17</u>	<u>Developer</u>
<u>Commencement of new tower erection</u>	<u>12/16/17</u>	<u>Developer</u>
<u>Commencement of new line conductoring</u>	<u>1/26/18</u>	<u>Developer</u>
<u>Completion of new line conductoring</u>	<u>7/2/18</u>	<u>Developer</u>
<u>In-Service Date</u>	<u>10/13/18</u>	<u>Developer and Connecting Transmission Owner</u>
<u>Commercial Operation Date</u>	<u>8/1/19</u>	<u>Developer</u>

### 2.3 RECONDUCTORING OF THE EXISTING FEEDER #398 TRANSMISSION LINE

<u>Milestone</u>	<u>Date</u>	<u>Responsible Party</u>
<u>NYPSC order approving Developer's EM&amp;CP<sup>7</sup></u>	<u>4/1/17</u>	

<sup>6</sup> The estimates dates for completing the approval of engineering drawings are dependent on the number of drawings to be reviewed and that the completeness of the drawings, quality of submitted drawings and supporting calculations are in compliance with CTO's specifications and procedures.

<sup>7</sup> There may be multiple phased EM&CP approvals from the NYPSC (such as for tree cutting.)

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<u>Notice to proceed<sup>8</sup></u>	<u>12/15/16</u>	<u>Developer</u>
<u>Submit proof of Insurance per Article 18.3</u>	<u>12/15/16</u>	<u>Developer</u>
<u>Start of Engineering / Design</u>	<u>12/15/16</u>	<u>Developer</u>
<u>Submission of Engineering Packages and supporting calculations.</u>		
<u>30% Engineering Package</u>	<u>11/14/16</u>	<u>Developer</u>
<u>60% Engineering Package</u>	<u>2/23/17</u>	<u>Developer</u>
<u>90% Engineering Package</u>	<u>5/18/17</u>	<u>Developer</u>
<u>Final Engineering Package</u>	<u>6/29/17</u>	<u>Developer</u>
<u>Approval of Engineering and supporting calculations.<sup>9</sup></u>		
<u>30% Engineering Package</u>	<u>6 weeks after submittal dates</u>	<u>Connecting Transmission Owner</u>
<u>60% Engineering Package</u>	<u>6 weeks after submittal dates</u>	<u>Connecting Transmission Owner</u>
<u>90% Engineering Package</u>	<u>6 weeks after submittal dates</u>	<u>Connecting Transmission Owner</u>
<u>Final Engineering Package</u>	<u>6 weeks after submittal dates</u>	<u>Connecting Transmission Owner</u>
<u>Commencement of reconductoring</u>	<u>9/18/17</u>	<u>Developer</u>
<u>Completion of reconductoring</u>	<u>11/6/17</u>	<u>Developer</u>
<u>In-Service Date</u>	<u>11/6/17</u>	<u>Developer and Connecting Transmission Owner</u>
<u>Commercial Operation Date</u>	<u>8/1/19</u>	<u>Developer</u>

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<sup>8</sup> Notice to Proceed to commence engineering work may be given prior to start of construction. Start of Construction cannot occur without a NYPSC order approving EM&CP.

<sup>9</sup> The estimates dates for completing the approval of engineering drawings are dependent on the number of drawings to be reviewed and that the completeness of the drawings, quality of submitted drawings and supporting calculations are in compliance with CTO's specifications and procedures.

2.4 PROTECTION UPGRADES AT THE PLEASANT VALLEY SUBSTATION<sup>10</sup>

<u>Milestone</u>	<u>Date</u>	<u>Responsible Party</u>
<u>NYPSC order approving Developer's EM&amp;CP<sup>11</sup></u>	<u>4/1/17</u>	
<u>Notice to proceed and deposit with Connecting Transmission Owner for needed equipment and payment for below grade work and civil and electrical installation.<sup>12</sup></u>	<u>4/1/17</u>	<u>Developer</u>
<u>Submit proof of Insurance per Article 18.3</u>	<u>12/15/16</u>	<u>Developer</u>
<u>Equipment procurement</u>	<u>2/1/18</u>	<u>Connecting Transmission Owner</u>
<u>Engineering / design</u>	<u>5/1/18</u>	<u>Connecting Transmission Owner</u>
<u>Completion of engineering and equipment procurement packages for review and approval</u>	<u>8/1/18</u>	<u>Connecting Transmission Owner</u>
<u>Completion of relay protection upgrades at Pleasant Valley Substation</u>	<u>3/1/19</u>	<u>Connecting Transmission Owner</u>
		<u>Developer</u>
<u>In-Service Date</u>	<u>4/1/19</u>	<u>Developer and Connecting Transmission Owner</u>
<u>Commercial Operation Date</u>	<u>8/1/2019</u>	<u>Developer</u>

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<sup>10</sup> The following estimated dates are dependent on the prior completion of the Cricket Valley Substation and the Second Transmission Line and approval of outages by Con Edison System Operations and the NYISO.

<sup>11</sup> There may be multiple phased EM&CP approvals from the NYPSC (such as for tree cutting.)

<sup>12</sup> Notice to Proceed to commence engineering work may be given prior to start of construction. Start of Construction cannot occur without a NYPSC order approving EM&CP.

**APPENDIX C**  
**INTERCONNECTION DETAILS**

**1. Description of Large Generating Facility, including Point of Interconnection**

The Large Generating Facility, to be located in Dover, New York, will be a nominal 1,177 MW three-train combined cycle, natural gas-fired Large Generating Facility capable of producing up to 1,051 MW of summer net output. Each train of the Large Generating Facility will consist of: one (1) combustion turbine generator (“CTG”) and one (1) steam turbine generator (“STG”).

The major equipment within the Large Generating Facility includes:

- Three (3) CTGs: General Electric 7FA.05 turbine with an electrical generator rated at 259 MVA, 18 kV, power factor range of 0.85 lagging to 0.95 leading.
- Three (3) STGs: General Electric A450 steam turbine with an electrical generator rated at 177 MVA, 18 kV, power factor range of 0.85 lagging to 0.95 leading.
- Three (3) Generator Step Up (GSU) Transformers: 3-winding, 345/18/18 kV, wye/delta/delta, with windings rated ONAN/ONAF/ONAF as follows:
  - H (345 kV): 240/320/400 MVA
  - X (18 kV): 144/192/240 MVA
  - Y (18 kV): 96/128/160 MVA
- Station Service Transformer: 2-winding, 18/4.16 kV, delta/wye, 13/17/21.5 MVA ONAN/ONAF/ONAF.

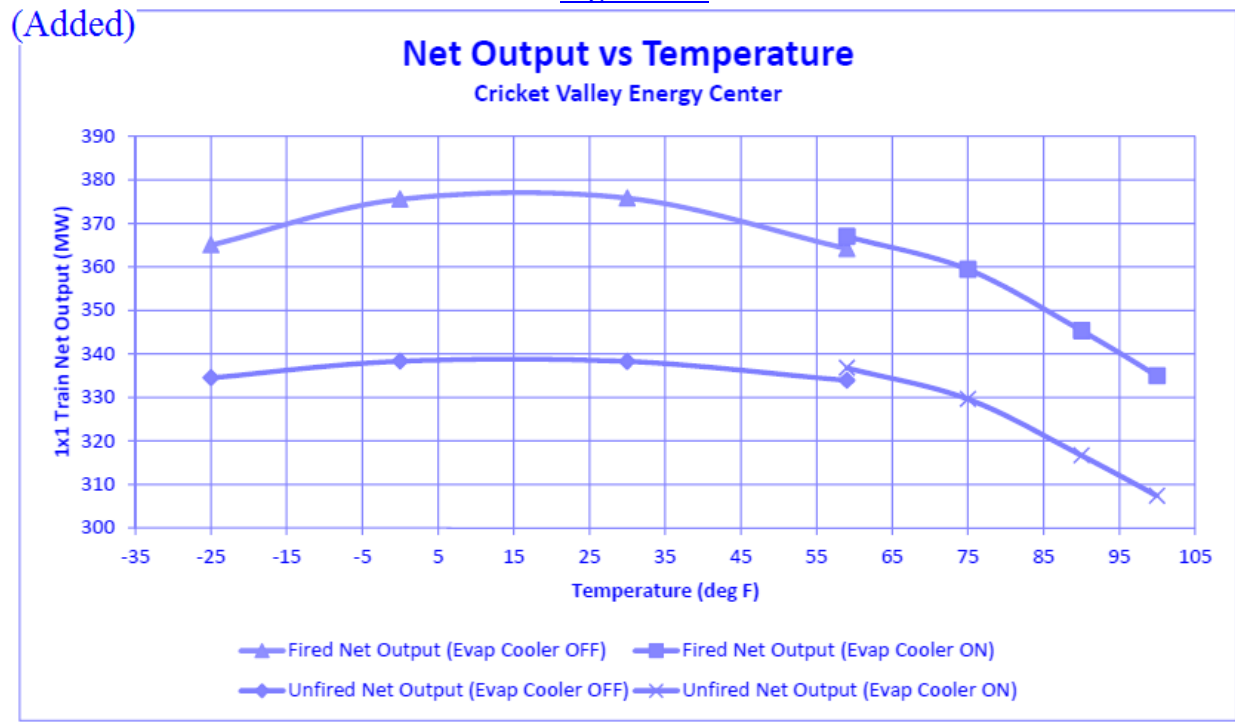
The Large Generating Facility is temperature sensitive and has a maximum summer capability and a maximum winter capability, as specified below, and as depicted in the temperature output curve set forth below in Figure C-1:

<u>P summer maximum gross</u>	<u>1,083 MW @ 85°F</u>
<u>P summer auxiliary load</u>	<u>32 MW @ 85°F</u>
<u>P summer maximum net</u>	<u>1,051 MW @ 85°F</u>
<u>P winter maximum gross</u>	<u>1,133 MW @ 10°F</u>
<u>P winter auxiliary load</u>	<u>27 MW @ 10°F</u>
<u>P winter maximum net</u>	<u>1,106 MW @ 10°F</u>

The Large Generating Facility will interconnect to the Connecting Transmission Owner’s Line 398 – approximately 14.5 miles east of the Pleasant Valley Substation. As depicted in Figure 1 to Appendix A, the Large Generating Facility’s Point of

Interconnection shall be the point at which each of the taps is made into the main bus for the three generator leads (between breakers 1 and 2, breakers 3 and 4, and breakers 5 and 6). The Point of Change of Ownership shall be at the point at which the Developer's three 345 kV cables (generator leads) terminate at the three potheads within the new GIS building.

Figure C-1



## 2. Developer Operating Requirements

### (a) NYISO Requirements

Developer shall comply with all applicable provisions of NYISO tariffs and procedures, as amended from time to time. The NYISO may direct the operation of substation equipment, including breaker status, within the Cricket Valley Substation, as needed to address reliability concerns impacting the NYCA.

### (b) Connecting Transmission Owner Requirements

Developer shall comply with the Connecting Transmission Owner's operating instructions and generator interconnection requirements, which requirements shall include the dedicated data circuits to be maintained by Developer in accordance with Article 8.1 of this Agreement, to the extent not inconsistent with the terms of this Agreement, the NYISO OATT, or applicable NYISO procedures. Operating instructions will be communicated by telephone, or such other means of communication as the Parties may agree upon.

An operating procedure will be developed by the Connecting Transmission Owner and Developer to coordinate the operation of their interconnected equipment and to provide applicable contact information.

(c)      **Unforced Capacity Requirements**

Developer may not supply Unforced Capacity to the NYCA from the Large Generating Facility until Developer has complied with the deliverability requirement pursuant to Attachment S of the NYISO OATT, including acceptance of any cost allocation for System Deliverability Upgrades (“SDUs”) and the posting of associated security or payments. If SDUs are identified in the Class Year System Deliverability Study for the Class Year that commences after the completion of Class Year 2015 and Developer accepts its Project Cost Allocation and posts Security for such SDUs, the Parties shall amend this Agreement, pursuant to Articles 29.11 and 29.12, to reflect the SDUs identified in the System Deliverability Study.

(d)      **Power Factor Design Criteria**

Developer shall design the Large Generating Facility to maintain an effective power delivery at maximum capability at the Point of Interconnection (POI) at a power factor within the range of 0.85 lagging (vars to the Connecting Transmission Owner) to 0.95 leading (vars from Connecting Transmission Owner) at the Point of Interconnection. This capability will be available to the Connecting Transmission Owner’s system as requested by the Connecting Transmission Owner or the NYISO under normal system conditions (i.e., when all design facilities are in service), as well as in steady-state conditions occurring after design criteria contingencies described in the NYSRC *Reliability Rules & Compliance Manual for Planning and Operating the New York State Power System*. Developer and the Connecting Transmission Owner will review DAF transformer tap settings as may be needed to optimize operation for such changes in transmission system conditions, on a seasonal basis, and implement such changes to optimize the tap settings with the Connecting Transmission Owner’s approval.

(e)      **Voltage Schedules**

Once the Developer has synchronized the Large Generating Facility with the New York State Transmission System, the NYISO shall require Developer to operate the Large Generating Facility to transmit the reactive power within the design capability set forth in Article 9.5.1 (Power Factor Design Criteria), provided that the voltage at the Point of Interconnection is within the range of 328 kV to 362 kV in accordance with the Connecting Transmission Owner’s engineering specification TP-7000. When the voltages are outside of the range specified in TP-7000 due to conditions outside the control of the Connecting Transmission Owner and the NYISO, the Developer shall also provide assistance consistent with Good Utility Practice within the full capability of the Large Generating Facility in restoring the voltage at the Point of Interconnection to the normal range as may be directed by the Connecting Transmission Owner or NYISO operators. If the Large Generating Facility is unable to provide the requested assistance, or maintain the specified



power factor, it shall promptly notify both the Connecting Transmission Owner and NYISO operators.

(f) Trial Operation

In addition to other applicable requirements, including those stated in Article 5.2 and Appendix A, Section 6 of this Agreement, Developer shall satisfy the following conditions before commencing Trial Operation of the Large Generating Facility:

- Sixty (60) days prior to the Initial Synchronization Date for each generating unit, Developer and the Connecting Transmission Owner will develop and agree on a pre-energization checklist and start-up procedures, specifying the tasks that must be completed prior to the Initial Synchronization Date for that generating unit.
- Developer shall complete all of the non-unit-specific checklist tasks prior to initially energizing the Large Generating Facility, and unit-specific tasks prior to initial synchronization of each generating unit.

(g) Station Power

Prior to the In-Service Date, Developer will obtain station power from a third party via a connection between the Large Generating Facility and the local system of the New York State Electric & Gas Corporation ("NYSEG"). Commencing on the In-Service Date, that connection will be opened and will be closed only when the interconnection of the Large Generating Facility to the Cricket Valley Substation is interrupted. Developer shall submit for the Connecting Transmission Owner's review and approval its proposed procedure or equipment to ensure that the emergency connection does not inadvertently connect Connecting Transmission Owner's and NYSEG's systems.

Commencing on the In-Service Date, Developer may receive station power pursuant to available/approved procedures. Unless the Connecting Transmission Owner and Developer agree otherwise in the future, the Connecting Transmission Owner will not sell station power to Developer.

(h) Additional Agreements

(1) Security Agreement: The Developer and the Connecting Transmission Owner will enter into: (i) a Security Agreement and (ii) the property agreements described in subsections 2(a) and 2(d) below (the "Additional Agreements"). It is the belief and intention of the Developer and the Connecting Transmission Owner that nothing in the Additional Agreements conflict in any material way with this Agreement. If the Connecting Transmission Owner or Developer becomes aware of a conflict, it shall notify the other party promptly so that the Connecting Transmission Owner and Developer can discuss what, if any, amendment of the Additional Agreement would be appropriate under the circumstances.

(2) Other Agreements:

(a) License Agreement: Prior to any access by the Developer or subcontractors onto the Connecting Transmission Owner's property for the purposes provided for herein, including any construction-related activity, Developer and the Connecting Transmission Owner shall negotiate and execute a License Agreement, that is acceptable to the Connecting Transmission Owner in its sole discretion, to permit such access and the Developer and subcontractor to construct and test the Transmission Line and perform the required reconductoring of Line 398. Developer and Connecting Transmission Owner will use reasonably commercial efforts to negotiate a License Agreement prior to the closing of the Developer's financing for the Large Generating Facility.

(b) Transfer of title to the Transmission Line: Upon completion of construction and testing of the Transmission Line by the Developer and acceptance of the Transmission Line by the Connecting Transmission Owner, Developer will transfer title to the Transmission Line to the Connecting Transmission Owner. Title shall be transferred free and clear of any liens and encumbrances, except those mutually agreed to by the Developer and the Connecting Transmission Owner.

(c) Transfer of title to the Cricket Valley Substation: Upon completion of construction and testing of the Cricket Valley Substation by the Developer and acceptance of the Cricket Valley Substation by the Connecting Transmission Owner, Developer will transfer title to the Cricket Valley Substation (not including any underlying real estate) to the Connecting Transmission Owner, free and clear of any liens and encumbrances, except those mutually agreed to by the Developer and the Connecting Transmission Owner.

(d) Conveyance of easement for the Cricket Valley Substation: Upon completion of construction and testing of the Cricket Valley Substation by the Developer and acceptance of the Cricket Valley Substation by the Connecting Transmission Owner, Developer shall grant the Connecting Transmission Owner a perpetual and exclusive easement (subject only to Developer's access described in Subsection E below), that is acceptable to the Connecting Transmission Owner, that will give the Connecting Transmission Owner rights to access, locate, operate, maintain, inspect, repair, alter, upgrade, install, construct and replace the Cricket Valley Substation and electric transmission and distributing lines, cables and wires, telecommunications lines, cables and wires, conduit, gas mains, transformers, switches, and all other related facilities, equipment and appurtenances thereto within a designated area on the Developer's property, acceptable to the Connecting Transmission Owner, with the perpetual right of ingress and egress in, upon, along, over, through and across the Developer's property for the Connecting Transmission Owner to have free and complete access to the Cricket Valley Substation and such other related facilities at all times. The parties shall execute the easement for the Cricket Valley Substation prior to or simultaneous with the transfer of the Cricket Valley Substation to the Connecting Transmission Owner.

(e) Developer Access: The easement to be granted to the Connecting Transmission Owner shall be subject to Developer's rights to access its Developer's Attachment Facilities within the Cricket Valley Substation, subject to the Connecting

Transmission Owner's reasonable rules and regulations regarding access to the Cricket Valley Substation, including the Connecting Transmission Owner's security requirements.

## **APPENDIX D**

### **SECURITY ARRANGEMENTS DETAILS**

Infrastructure security of New York State Transmission System equipment and operations and control hardware and software is essential to ensure day-to-day New York State Transmission System reliability and operational security. The Commission will expect the NYISO, all Transmission Owners, all Developers and all other Market Participants to comply with the recommendations offered by the President's Critical Infrastructure Protection Board and, eventually, best practice recommendations from the electric reliability authority. All public utilities will be expected to meet basic standards for system infrastructure and operational security, including physical, operational, and cyber-security practices.

**APPENDIX E**

**COMMERCIAL OPERATION DATE**

**[Date]**

~~[NYISO Address]~~ New York Independent System Operator, Inc.  
Attn: Vice President, Operations  
10 Krey Boulevard  
Rensselaer, NY 12144

~~[Connecting Transmission Owner Address]~~  
Consolidated Edison of New York, Inc.  
4 Irving Place  
New York, NY 10003  
Attn: Vice President, System and Transmission Operations  
Phone: (212) 460-1210  
Fax: (212) 353-8831

Re: \_\_\_\_\_ Large Generating Facility

Dear \_\_\_\_\_:

On **[Date]** **[Developer]** has completed Trial Operation of Unit No. \_\_\_\_\_. This letter confirms that **[Developer]** commenced Commercial Operation of Unit No. \_\_\_\_ at the Large Generating Facility, effective as of **[Date plus one day]**.

Thank you.

**[Signature]**

**[Developer Representative]**

**APPENDIX F**

**ADDRESSES FOR DELIVERY OF NOTICES AND BILLINGS**

**Notices:**

NYISO:

~~[To be supplied.]~~

Before commercial operation of the Large Generating Facility:

New York Independent System Operator, Inc.  
Attn: Vice President, System and Resource Planning  
10 Krey Boulevard  
Rensselaer, NY 12144  
Phone: (518) 356-6000  
Fax: (518) 356-6118

After commercial operation of the Large Generating Facility:

New York Independent System Operator, Inc.  
Attn: Vice President, Operations  
10 Krey Boulevard  
Rensselaer, NY 12144  
Phone: (518) 356-6000  
Fax: (518) 356-6118

Connecting Transmission Owner:

Consolidated Edison Company of New York, Inc.  
4 Irving Place, Room 13NW  
New York, NY 10003  
Attn: Vice President, System and Transmission Operations  
Phone: (212) 460-1210  
Fax: (212) 353-8831

~~[To be supplied.]~~

Consolidated Edison Company of New York, Inc.  
4 Irving Place, Room 1810-S  
New York, NY 10003  
Attn: General Counsel  
Phone: (212) 460-2432  
Fax: (212) 674-7329

Developer:

Robert De Meyere  
Vice President, Development  
Advanced Power Services (NA) Inc.  
31 Milk Street, Suite 1001  
Boston, MA 02109  
Phone: 617-456-2214  
Fax: 617-456-2201  
~~[To be supplied.]~~  
With a copy to:

Arnold R. Wallenstein,  
Senior Vice President and General Counsel  
Advanced Power Services (NA) Inc.  
31 Milk Street, Suite 1001  
Boston, MA 02109  
Phone: 617-456-2204  
Fax: 617-456-2201

With a copy to:

Andrew Degon,  
V.P. Engineering and Construction,  
Advanced Power Services (NA) Inc.  
31 Milk Street, Suite 1001  
Boston, MA 02109  
Phone: 617-456-2215  
Fax: 617-456-2201

**Billings and Payments:**

Connecting Transmission Owner:

Consolidated Edison Company of New York, Inc.  
4 Irving Place, Room 13 NW  
New York, NY 10003  
Attn: Vice President, System and Transmission Operations  
Phone: (212) 460-1210  
Fax: (212) 353-8831  
~~[To be supplied.]~~

Developer:



~~[To be supplied.]~~

Robert De Meyere  
Vice President, Development  
Advanced Power Services (NA) Inc.  
31 Milk Street, Suite 1001  
Boston, MA 02109  
Phone: 617-456-2214  
Fax: 617-456-2201

With a copy to:

Jared Taylor,  
Controller  
Advanced Power Services (NA) Inc.  
31 Milk Street, Suite 1001  
Boston, MA 02109  
Phone: 617-456-2212  
Fax: 617-456-2201

**Alternative Forms of Delivery of Notices (telephone, facsimile or email):**

NYISO:

~~[To be supplied.]~~

Before commercial operation of the Large Generating Facility:

New York Independent System Operator, Inc.  
Attn: Vice President, System and Resource Planning  
10 Krey Boulevard  
Rensselaer, NY 12144  
Phone: (518) 356-6000  
Fax: (518) 356-6118

After commercial operation of the Large Generating Facility:

New York Independent System Operator, Inc.  
Attn: Vice President, Operations  
10 Krey Boulevard  
Rensselaer, NY 12144  
Phone: (518) 356-6000  
Fax: (518) 356-6118

Connecting Transmission Owner:

Consolidated Edison Company of New York, Inc.

4 Irving Place, Room 13 NW

New York, NY 10003

Attn: Vice President, System and Transmission Operations

Phone: (212) 460-1210

Fax: (212) 353-8831

~~{To be supplied.}~~

Developer:

~~{To be supplied.}~~

Robert De Meyere

Vice President, Development

Advanced Power Services (NA) Inc.

31 Milk Street, Suite 1001

Boston, MA 02109

Phone: 617-456-2214

Fax: 617-456-2201

With a copy to:

Arnold R. Wallenstein,

Senior Vice President and General Counsel

Advanced Power Services (NA) Inc.

31 Milk Street, Suite 1001

Boston, MA 02109

Phone: 617-456-2204

Fax: 617-456-2201

With a copy to:

Andrew Degon,

V.P. Engineering and Construction,

Advanced Power Services (NA) Inc.

31 Milk Street, Suite 1001

Boston, MA 02109

Phone: 617-456-2215

Fax: 617-456-2201

Notice Concerning Engineering Services Pursuant to Section 5 of Appendix A

Connecting Transmission Owner:

Consolidated Edison Company of New York, Inc.

4 Irving Place, Room 5W

New York, NY 10003

Attention: Steve Stroumbakis

Project Engineer, Central Engineering  
Phone: (212) 460-3117  
Email: [stroumbakiss@coned.com](mailto:stroumbakiss@coned.com)

Consolidated Edison Company of New York, Inc.  
4 Irving Place  
New York, NY 10003  
Attention: Vitaly Spitsa  
Section Manager, Transmission Planning  
Phone: (212) 460-6227

Developer:

Cricket Valley Energy Center LLC  
c/o Advanced Power Services (NA) Inc.  
31 Milk St., Suite 1001  
Boston, MA  
Attention: Robert De Meyere  
Phone: 617-456-2214  
Email: [bdemeyer@advancedpowerna.com](mailto:bdemeyer@advancedpowerna.com)

With a copy to:

Cricket Valley Energy center LLC  
c/o Advanced Power Services (NA) Inc.  
31 Milk St., Suite 1001  
Boston, MA  
Attention: Arnold Wallenstein  
Phone: 617-456-2204  
Email: [awallenstein@advancedpowerna.com](mailto:awallenstein@advancedpowerna.com)

Developer Project Manager:

Cricket Valley Energy center LLC  
c/o Advanced Power Services (NA) Inc.  
31 Milk St., Suite 1001  
Boston, MA  
Attention: Robert DeMeyere  
Phone: 617-456-2214  
Email: [bdemeyerer@advancedpowerna.com](mailto:bdemeyerer@advancedpowerna.com)

## **APPENDIX G**

### **INTERCONNECTION REQUIREMENTS FOR A WIND GENERATING PLANT**

Appendix G sets forth requirements and provisions specific to a wind generating plant. All other requirements of this LGIA continue to apply to wind generating plant interconnections.

#### **A. Technical Standards Applicable to a Wind Generating Plant**

##### **i. Low Voltage Ride-Through (LVRT) Capability**

A wind generating plant shall be able to remain online during voltage disturbances up to the time periods and associated voltage levels set forth in the standard below. The LVRT standard provides for a transition period standard and a post-transition period standard.

##### **Transition Period LVRT Standard**

The transition period standard applies to wind generating plants subject to FERC Order 661 that have either: (i) interconnection agreements signed and filed with the Commission, filed with the Commission in unexecuted form, finally executed as conforming agreements, or filed with the Commission as non-conforming agreements between January 1, 2006 and December 31, 2006, with a scheduled in-service date no later than December 31, 2007, or (ii) wind generating turbines subject to a wind turbine procurement contract executed prior to December 31, 2005, for delivery through 2007.

1. Wind generating plants are required to remain in-service during three-phase faults with normal clearing (which is a time period of approximately 4 – 9 cycles) and single line to ground faults with delayed clearing, and subsequent post-fault voltage recovery to prefault voltage unless clearing the fault effectively disconnects the generator from the system. The clearing time requirement for a three-phase fault will be specific to the wind generating plant substation location, as determined by and documented by the Connecting Transmission Owner for the Transmission District to which the wind generating plant will be interconnected. The maximum clearing time the wind generating plant shall be required to withstand for a three-phase fault shall be 9 cycles at a voltage as low as 0.15 p.u., as measured at the high side of the wind generating plant step-up transformer (i.e. the transformer that steps the voltage up to the transmission interconnection voltage or “GSU”), after which, if the fault remains following the location-specific normal clearing time for three-phase faults, the wind generating plant may disconnect from the transmission system.
2. This requirement does not apply to faults that would occur between the wind generator terminals and the high side of the GSU or to faults that would result in a voltage lower than 0.15 per unit on the high side of the GSU serving the facility.
3. Wind generating plants may be tripped after the fault period if this action is intended as part of a special protection system.

4. Wind generating plants may meet the LVRT requirements of this standard by the performance of the generators or by installing additional equipment (e.g., Static VAR Compensator, etc.) within the wind generating plant or by a combination of generator performance and additional equipment.
5. Existing individual generator units that are, or have been, interconnected to the network at the same location at the effective date of the Appendix G LVRT Standard are exempt from meeting the Appendix G LVRT Standard for the remaining life of the existing generation equipment. Existing individual generator units that are replaced are required to meet the Appendix G LVRT Standard.

#### **Post-transition Period LVRT Standard**

All wind generating plants subject to FERC Order No. 661 and not covered by the transition period described above must meet the following requirements:

1. Wind generating plants are required to remain in-service during three-phase faults with normal clearing (which is a time period of approximately 4 – 9 cycles) and single line to ground faults with delayed clearing, and subsequent post-fault voltage recovery to prefault voltage unless clearing the fault effectively disconnects the generator from the system. The clearing time requirement for a three-phase fault will be specific to the wind generating plant substation location, as determined by and documented by the Connecting Transmission Owner for the Transmission District to which the wind generating plant will be interconnected. The maximum clearing time the wind generating plant shall be required to withstand for a three-phase fault shall be 9 cycles after which, if the fault remains following the location-specific normal clearing time for three-phase faults, the wind generating plant may disconnect from the transmission system. A wind generating plant shall remain interconnected during such a fault on the transmission system for a voltage level as low as zero volts, as measured at the high voltage side of the wind GSU.
2. This requirement does not apply to faults that would occur between the wind generator terminals and the high side of the GSU.
3. Wind generating plants may be tripped after the fault period if this action is intended as part of a special protection system.
4. Wind generating plants may meet the LVRT requirements of this standard by the performance of the generators or by installing additional equipment (e.g., Static VAR

Compensator) within the wind generating plant or by a combination of generator performance and additional equipment.

5. Existing individual generator units that are, or have been, interconnected to the network at the same location at the effective date of the Appendix G LVRT Standard are exempt from meeting the Appendix G LVRT Standard for the remaining life of the existing generation equipment. Existing individual generator units that are replaced are required to meet the Appendix G LVRT Standard.

**ii. Power Factor Design Criteria (Reactive Power)**

The following reactive power requirements apply only to a newly interconnecting wind generating plant that has executed an Interconnection Facilities Study Agreement as of September 21, 2016. A wind generating plant to which this provision applies shall maintain a power factor within the range of 0.95 leading to 0.95 lagging, measured at the Point of Interconnection as defined in this LGIA, if the ISO's System Reliability Impact Study shows that such a requirement is necessary to ensure safety or reliability.

The power factor range standard can be met using, for example without limitation, power electronics designed to supply this level of reactive capability (taking into account any limitations due to voltage level, real power output, etc.) or fixed and switched capacitors if agreed to by the Connecting Transmission Owner for the Transmission District to which the wind generating plant will be interconnected, or a combination of the two. The Developer shall not disable power factor equipment while the wind plant is in operation. Wind plants shall also be able to provide sufficient dynamic voltage support in lieu of the power system stabilizer and automatic voltage regulation at the generator excitation system if the System Reliability Impact Study shows this to be required for system safety or reliability.

**iii. Supervisory Control and Data Acquisition (SCADA) Capability**

The wind plant shall provide SCADA capability to transmit data and receive instructions from the ISO and/or the Connecting Transmission Owner for the Transmission District to which the wind generating plant will be interconnected, as applicable, to protect system reliability. The Connecting Transmission Owner for the Transmission District to which the wind generating plant will be interconnected and the wind plant Developer shall determine what SCADA information is essential for the proposed wind plant, taking into account the size of the plant and its characteristics, location, and importance in maintaining generation resource adequacy and transmission system reliability in its area.

Appendix H

STANDARD TERMS AND CONDITIONS

Of

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

CONSTRUCTION PROJECTS

Reference Number

For use with the Large Generator Interconnection Agreement by and among Cricket Valley, LLC; the New York Independent System Operator, Inc.; and Consolidated Edison Company of New York, Inc., dated November 16, 2016.



## SERVICE AGREEMENT NO. 2310

### 1. Definitions. For purposes of these Standard Terms and Conditions, the following definitions shall apply:

<u>Agreement</u>	=	<u>The Large Generator Interconnection Agreement by and among Developer, the NYISO and CTO, includes all Appendices and Attachments to same and any and all plans, schedules, specifications, addenda drawings and other documents, to the extent that they are directly or indirectly incorporated by reference in the Agreement.</u>
<u>CTO</u>	=	<u>Consolidated Edison Company of New York, Inc.</u>
<u>Developer</u>	=	<u>Cricket Valley Energy LLC</u>
<u>Site</u>		<u>CTO's Pleasant Valley 345 kV Substation, 345kV Transmission Line L-398 and adjacent lands owned by CTO on which DAFs will be located to effect the interconnection of Developer's Large Generating Facility.</u>
<u>Standard Terms</u>		<u>These Standard Terms and Conditions for Construction Projects.</u>
<u>Subcontractor</u>	=	<u>Any company or person, other than an employee of Developer, that furnishes any of the Work on behalf of Developer.</u>
<u>Work</u>	=	<u>The construction of the Stand Alone SUFs, CTOAF, the portion of the DAF situated on property owned by CTO, and all labor and supervision, construction materials, equipment, tools and other aids to construction; equipment, materials, and other things of any nature necessary or proper for the completion of the project at the Site, whether or not expressly specified herein.</u>

The words "hereof," "herein," "hereto" and "hereunder" as used in these Standard Terms shall refer to these Standard Terms, unless the context indicates otherwise.

### 2. Specifications, Plans, and Drawings

- A. The Work shall be performed in strict accordance with the Agreement and the specifications, plans, and drawings. No deviation is permitted unless approved in advance in writing by CTO. The specifications, plans, and drawings and all other documents which are part of the Agreement are supplementary to each other. Anything called for by any one of such documents shall be required to the same extent as if called for by all of them, and the Work shall be completed in every detail whether or not every item is specifically mentioned. If there should be a conflict between the drawings

and the writings that comprise the plans and specifications, the writings shall govern unless upon notice thereof CTO directs otherwise in writing.

- B. CTO may furnish to Developer any additional plans, drawings, specifications or other documents which it considers necessary to illustrate or explain the Work in further detail, and Developer shall comply with the requirements of all such documents, provided that CTO may not change the scope of the Work without the written consent of Developer and NYISO.
- C. Developer shall, or shall cause the Subcontractors to, throughout the time during which the Work is being performed, keep at the Site available for inspection by CTO one complete and current set of the Agreement documents, including, but not limited to, the Agreement plans, specifications, and drawings, any additional documents furnished by CTO, and all shop and work drawings approved by CTO.
- D. Where required by the Agreement, Developer shall, or shall cause the Subcontractors to, submit designated documents, such as drawings and process procedures, for review and approval by CTO. All proposed changes to or deviations from such documents after they have been approved shall also be submitted to CTO for review and approval prior to their implementation.

3 Safeguards in Work

- A. Developer shall, or shall cause the Subcontractors to, provide and maintain at its/their own expense safe and sufficient entrance and exit ways, walkways, platforms, barricades, warning lights, scaffolds, ladders, runways for concrete carriers, hoists and all equipment, apparatus and appliances necessary or proper for carrying on the Work safely; shall not load any of the foregoing items or any part of any structure or equipment with a weight that will make it unsafe; shall make and keep the place of Work and the ways and approaches thereto well lighted, safe and free from avoidable danger, taking into account, without limitation, local conditions; and shall mark any faulty items "unsafe" until repaired or replaced. Subcontractor movement to and from CTO existing rights of way shall be confined to approved access roads and pathways as shown on the project plan and profile. All other access shall be arranged by the subcontractor who will be responsible for all associated costs. CTO use of any access, outside the scope of the plan and profile, shall not confer the right for the subcontractor to use such access.
- B. Developer shall, or shall cause the Subcontractors to, provide all permanent and temporary shoring, anchoring and bracing required by the nature of the Work to make all parts stable and rigid, even when such shoring, anchoring and bracing are not explicitly called for. Developer shall support and protect

all buildings, bridges, roadways, conduits, wires, water pipes, gas pipes, sewers, pavements, curbing, sidewalks, fixtures and other public or private property that may be encountered or endangered in the prosecution of the Work.

- C. In accordance with the rest of this Article 3 and without limitation thereof, Developer shall, or shall cause the Subcontractors to, test all areas, excavations, openings, manholes, vaults and boxes, for an adequate supply of oxygen and for any and all toxic, harmful or combustible gases or fumes or other dangerous substances before and during the course of the Work and shall provide all the necessary equipment, including, but not limited to, all oxygen deficiency and gas testing apparatus required for such tests.
- D. Developer shall, or shall cause the Subcontractors to, strictly observe safety requirements of applicable federal, state and municipal laws and regulations, including, without limitation, the Federal Occupational Safety and Health Act. Developer shall cause, or shall cause the Subcontractors to require, all equipment and structures, the place of Work and the ways and approaches thereto to meet the requirements of all public authorities. Developer shall, or shall cause the Subcontractors to, comply with the requirements of and recommendation in the latest edition of the "Manual of Accident Prevention in Construction," published by The Associated General Contractors of America, to the extent that such provisions are not inconsistent with other provisions of the Agreement or applicable laws or regulations. Developer shall maintain an accurate record of all cases of death, occupational disease or injury requiring medical attention or causing loss of time from work arising in connection with performance of the Work.
- E. CTO shall designate an authorized representative to monitor Developer's performance of the Work and shall promptly notify Developer of such designation. If in the opinion of CTO's authorized representative the work practices or conditions created by Developer are unsafe or fail to comply with applicable laws or regulations, CTO may halt the work until such practices and conditions are corrected. If, when CTO's authorized representative is not present at the site, a CTO employee directs Developer to discontinue an operation because it may be unsafe or illegal, Developer shall immediately halt the questioned operation and, if the Developer disagrees with the employee, shall contact CTO's authorized representative for instructions. Developer shall obtain the employee's name and employee identification number and report this information to CTO's authorized representative.
- F. Developer shall be responsible for any failure or neglect on its or its Subcontractor's part to perform the obligations contained in this article, and

shall defend and indemnify CTO against any liability resulting in whole or in part from such failure or neglect.

4 Knowledge of Work Conditions and Requirements.

Developer represents that it has visited and examined the site of the Work and satisfied itself as to the general and local conditions, particularly those relating to transportation, handling and storage of materials, availability of labor, water, drainage, power, roads, landing zones, weather, ground and other physical conditions at the site, and as to all other matters which could affect the Work. Developer also acknowledges that it has examined the specifications, drawings, and other Agreement documents and has satisfied itself as to the requirements of the Work, and has seen or had an opportunity to ask about all conditions which may affect the Work, including equipment or structures in place or to be in place, or work being or to be performed, which could interfere with the uninterrupted performance of the Work. Developer assumes any risk associated with its failure to examine the Work site, Agreement documents or all other available information provided to it prior to entering into the Agreement.

5. Developer's Performance

- A. Developer shall, or shall cause the Subcontractors to, perform in good workmanlike manner and in accordance with the best accepted practices in the industry all the Work required or reasonably implied by the Agreement, in accordance with the terms of the Agreement and such directions of CTO as any may be given from time to time. Developer's performance shall include, except as otherwise specifically stated in the Agreement, everything requisite and necessary to complete the Work properly, notwithstanding the fact that not every item involved is specifically mentioned, including, but not limited to all materials, labor, tools, equipment, apparatus, water, lighting, heating, power, transportation, superintendence, temporary construction, site security and all other services and facilities of every nature necessary or appropriate for the execution of the Work on schedule.
- B. When work is performed on the Site, Developer must provide at all times an on-site representative with full authority to act for Developer. The representative must be able to read, write, and thoroughly understand both English and any other languages spoken by persons performing work for Developer and must be able to effectively communicate with those persons in their own language or languages. In addition, Developer's representative must ensure that labeling, log book entries, completion of forms and all other tasks requiring a proficiency in English are performed clearly and correctly. The continuation of the individual selected by Developer in this role shall be subject to the continuing approval of CTO.

C. Developer shall, or shall cause the Subcontractors to, perform the Work in accordance with the following:

- (1) All equipment, tools, other construction aids and materials utilized by Developer and Subcontractors shall be of high quality and in good working order. Developer shall or shall cause the Subcontractors to, submit material safety data sheets (MSDS) for all chemical and hazardous substances used in the Work. If, in the opinion of CTO, any of Developer's or Subcontractor's equipment, supplies, tools, other construction aids or materials are unsafe or inadequate, Developer shall, or shall cause the Subcontractors to remove such items from the site immediately and replace them with safe and adequate substitutes at Developer's or Subcontractor's expense. Developer shall be fully and solely responsible for and shall safeguard its equipment, tools, supplies, other construction aids and materials at all times. Developer shall, or shall cause the Subcontractors to provide adequate storage for all such items used in connection with the Work.
- (2) The use of public roadways and properties for the parking of employee vehicles, construction equipment, receiving and placement shall be in accordance with the applicable laws and ordinances. Access to all existing CTO rights of way shall be maintained and allowed during the entire performance of the Work. Adjacent private properties shall not be entered or used for any such purpose without the written consent of the property owners.
- (3) Fire hydrants and stop valves adjacent to the Work shall be kept clear and readily accessible to fire apparatus, and no material or other obstruction shall be placed, parked or stored within fifteen (15) feet of any hydrant or stop valve (or a greater distance if required by local law, rule or regulation). Developer shall or shall cause the Subcontractors to, comply fully with all local rules and regulations relative to fire protection, shall keep the structure and premises free from burnable trash and debris, and shall exercise every precaution against fire. This shall include, but not be limited to, posting a fire watch, with appropriate fire fighting equipment, during all welding, burning, stress relief and other heating operations. Developer shall, or shall cause the Subcontractors to, assure that the fire watch is informed of the site fire control procedures and remains posted during breakfast, lunch and dinner periods and until one hour after such heating operations have stopped.

6. CTO's Authority

- A. CTO, in consultation with Developer, shall have the authority to decide any and all questions which arise in connection with the Work, and CTO's decisions shall be conclusive and final.
- B. CTO shall have the right to maintain a representative at the construction site. Such representative may, on request, give Developer reasonable assistance in interpreting the Agreement drawings, specifications and plans, but such assistance shall not relieve Developer of any duties (including, without limitation, those of giving notice to or securing the approval of CTO) arising under the Agreement.

7. Warranties

- A. Developer warrants the Work for a period of one (1) year from the transfer of the Work, under the Agreement unless a longer period is specified or in an applicable municipal code or regulation, in which case the longer period shall apply:
  - (1) as to services, that they shall be rendered competently and by qualified personnel in accordance with the best accepted practices in the industry, and
  - (2) as to materials, equipment, structures and other things, that they shall be new and free from defects in title, material, workmanship and design, conform strictly to all applicable specifications, and be suitable for their intended use. Developer further warrants that the Work shall meet any and all tests and comply with all performance requirements contained in the Agreement. The warranty of good title shall be unlimited in time.
- B. In the event any part or all of the Work fails to satisfy any of these warranties, upon written notice thereof from CTO to Developer, Developer shall, at no cost to CTO, promptly repair, replace, or reperform the defective Work, as directed by CTO, and do whatever else is necessary to cause the Work to satisfy all of the aforesaid warranties. All work repaired, replaced or reperformed under the provisions of this Article shall be subject anew to this Article with the warranty period commencing upon completion of the repair, replacement, or reperformance. If Developer fails to correct any defective Work as aforesaid promptly after being notified thereof by CTO, then CTO may correct the defective work and charge Developer for the costs and expenses it occurs in so doing. Any defective parts removed in connection with repair or replacement shall be disposed of by Developer at its expense.

8. Labor

- A. Developer shall, or shall cause the Subcontractors to, unless otherwise specifically stated herein, provide all labor required to fully complete the Work. This shall include all specialized workers that are required by the nature of the Work. Developer shall, or shall cause the Subcontractors to, employ on Work at the construction site only union labor from Building Trades locals having jurisdiction over the Work; to the extent such labor is available. Developer agrees to defend, save harmless and indemnify CTO, its trustees, officers, agents and employees against any and all liability arising in any way out of Developer's failure to comply with the foregoing provisions of this paragraph. Whenever Developer knows or believes that any actual or potential labor dispute is delaying or threatening to delay the timely performance of the Work, Developer shall immediately give CTO notice of the dispute, including all relevant information concerning the dispute. If such notice is given orally, Developer shall confirm it in writing within 24 hours.
- B. The Immigration Reform and Control Act of 1986 Pub. L. No. 99-603 (the "Act") makes it illegal for an employer to hire or employ an illegal alien. The Act also makes it a legal requirement for employers to establish an employment verification system which includes the employer's checking specified documents to establish both an individual's identity and legal authorization to work. Developer represents and covenants that Developer has complied and will comply with all the requirements of the Act with respect to all persons assigned or employed by Developer in the performance of the Work. Developer agrees to defend, save harmless and indemnify CTO, its trustees, officers, agents and employees against any and all liability under the Act arising in any way out of services performed by or CTO's use of persons furnished by Developer.
- C. Developer shall not employ any employee of CTO or Orange and Rockland Utilities, Inc. to perform any Work without the prior written permission of CTO.

9. Permits, Codes, Laws and Regulations; Denial of Access and Removal for Noncompliance.

Developer shall comply with and shall cause all its employees and Subcontractors (Developer, its employees and any Subcontractors are known herein the "Permitted Persons") to comply with all applicable laws, rules, regulations, and ordinances (including, but not limited to, Environmental Laws, as defined in the Agreement), as well as all regulations, procedures and directives of CTO. Developer shall be responsible for obtaining and maintaining all permits, licenses, and any other governmental permission



required for, or in connection with, its portion of the Work Developer shall cause any and all of the Permitted Persons who are not in compliance with such laws, rules, regulations, ordinances, procedures and directives or who otherwise engage in illegal conduct or conduct that threatens injury to persons or damage to property at the Site to be refused access to Site and, if present at the Site, to be immediately removed therefrom in a reasonable and peaceful manner. If Developer fails to comply with its obligations under the immediately preceding sentence, CTO, without any liability whatsoever to the Permitted Persons or others, may, but shall not be obligated to, cause any and all Permitted Persons who are not in compliance with such laws, rules, regulations, ordinances, procedures and directives to be refused access to the Site and to be immediately removed from the Site in a reasonable and peaceful manner. To the required by Article 5.2(7) of the Agreement, Developer shall defend, indemnify and hold CTO, its trustees, directors, officers, employees and agents (collectively, the "Protected Parties") harmless from and against any and all claims, actions, causes of action, damages, loss and liability, including costs and expenses, legal and otherwise, and statutory or administrative fines, penalties, or forfeitures, which arise from or relate to refusing access to, removing, failing to refuse access to and/or failing to remove from the Site any and all Permitted Persons, so long as the actions of the Protected Parties do not amount to gross negligence or intentional wrongdoing.

10. Quality Assurance/Quality Control.

Developer shall establish and maintain a quality assurance/quality control program which shall include procedures for continuous control of all construction and comprehensive inspection and testing of all items of Work, including any Work performed by Subcontractors, so as to ensure conformance to the Agreement with respect to materials, workmanship, construction, finish, functional performance, and identification. Developer shall submit details of the Quality Assurance/Quality Control program accompanied by samples of all checklists and documentation with a detailed explanation of the process and frequency of document updates. The Developer shall provide CTO with complete installation details and checklists for each element (foundations, structures, wire and so forth) of the transmission line and substation portions of the project. A complete compilation of all documents (including all required test reports) shall be included in a Turnover Package at the completion of the project to facilitate CTO compliance review and future operation and maintenance of the constructed facilities.

11. Protection of Persons, Work and Property.

- A. In the course of performing the Agreement, Developer shall, or shall cause the Subcontractors to, at all times exercise reasonable precautions to protect persons and property and items of Work from physical injury or harm. Developer shall or shall cause the Subcontractors to, at its/their own expense design, furnish, and erect such barricades, fences and railings, give such warnings, display such lights, signals and signs, exercise such precautions against fire, adopt and enforce such rules and regulations, and take such other precautions as may be necessary, desirable or proper, or as may be reasonably directed by CTO. Developer shall, or shall cause the Subcontractors to, provide and maintain in good working order at all times an adequate, approved system for promptly extinguishing fires. Fire alarms, extinguishing equipment and water lines shall be continually inspected by Developer and shall at all-time be accessible and ready for immediate use.
- B. Developer shall, while on or about the Site, observe and comply with all fire, safety, hazard, "No Smoking", and all other rules and regulations heretofore or hereafter prescribed by CTO. Safety hats shall be worn at all times in the Work area by Developer's employees.
- C. Developer shall, or shall cause the Subcontractors to, at no additional cost to CTO, comply with all reasonable requests of CTO to enclose or specially protect Work, property or persons. If CTO determines that Work, property or persons are not adequately protected after any such requests, then it may, without prejudice to any other rights it may have hereunder or under applicable law, order an immediate suspension of the Work in the affected area of the Site or take such steps as it deems reasonably necessary to protect Work, property or persons
- D. Developer shall promptly report in writing to CTO all accidents arising out of or in connection with the performance of the Agreement, whether on or adjacent to the construction site, which result in death, personal injury requiring medical treatment or absence from work or property damage, giving full details and statements of witnesses. In addition, if death or serious injury or serious damage is caused, Developer shall immediately report the accident by telephone to CTO.
- E. Developer shall, or shall cause the Subcontractors to, provide at the construction site such equipment and medical facilities as are necessary to supply first aid service to any persons who may be injured in the course of performance of the Work and shall have standing arrangements for the removal and hospital treatment of such persons. If any claim is made by any person against Developer or any other contractor on account of any accident, Developer shall promptly report it in writing to CTO, giving full details of the claim.

- F. Developer will, or will cause the Subcontractors to, develop a Health and Safety Plan for Work the Site that will be submitted to CTO for approval. Developer will not be permitted to perform any field work until it has submitted to CTO and received approval of a site-specific health, safety, and environmental plan, which shall address all hazards that may be encountered and shall conform to any and all requirements stated in the Agreement. The submitted plan for the transmission right-of-way shall provide a detailed Emergency Response Plan for each individual tower location and, for any tower locations within a Rattlesnake area, a list of which hospitals have the appropriate anti-venom.
- G. If in the reasonable opinion of Developer greater precautions than those required herein or directed by CTO are reasonably advisable, Developer shall implement such precautions and advise CTO thereof. In the event of an emergency threatening injury to persons or damage to property Developer shall take all necessary action immediately and shall promptly notify CTO thereof.
- H. Security. As between CTO on the one hand and Developer on the other, Developer shall be solely responsible for securing and safeguarding (i) any and all Permitted Persons (and their possessions) while present at or about the Site, and (ii) any and all equipment, tools, supplies, materials and other personal property used in connection with such work or brought onto or located at or about the Site by or on behalf of any and all Permitted Persons. To the fullest extent permitted by law, CTO shall have no responsibility for any equipment, tools, supplies, materials or other personal property that may be brought onto or located at or about the CTO Property and which is subsequently lost, stolen or damaged. To the fullest extent permitted by law, the immediately preceding sentence shall apply even under circumstances where CTO may be negligent but shall not apply in the case of CTO's gross negligence or intentional wrongdoing.

12. Vehicle Spills.

Developer is required to assure that all vehicles, including those of Subcontractors and suppliers, used in the performance of Work are maintained in good working condition and are not leaking any fluids. Particular attention is to be paid, without limitation, to hydraulic systems on each vehicle. The Health and Safety Plan and Spill Response Plan shall specifically address the refueling of trucks, equipment and helicopters on the CTO rights of way and property.

The driver of any such vehicle at the Site must immediately notify a CTO authorized representative in the event of a leak or spill from a vehicle or container carried on a vehicle while at the Site. The driver must wait for

instructions before moving the vehicle unless field conditions require it, and then, only to the nearest safe point.

The driver will be required to eliminate the leak or spill before leaving the Site. Developer shall be required to reimburse CTO for all costs associated with the cleanup of such leaks and spills.

13. Maintenance of Work Site.

Developer shall, or shall cause the Subcontractors to at its/their own expense, store its apparatus, material, supplies and equipment in such orderly fashion as will not interfere with the progress of the Work or the work of any other contractors; clean up and remove on a daily basis and more frequently if directed by the CTO representative all refuse, rubbish, scrap materials, and debris so that at all times the Work site shall present a neat, orderly and workmanlike appearance; and remove all surplus material, falsework, and temporary structures, including any foundations thereof. If, in the opinion of CTO, Developer has failed to comply with any provisions of this Article, CTO may order any or all of the Work in the affected area be suspended until the conditions is corrected, and all costs associated therewith shall be borne by Developer. All permanent and temporary access gates to the rights of way shall remain closed at all times except when vehicles are transiting. In no case shall gates be left open.

14. Subsurface Conditions Found Different.

CTO shall not be obliged to show any subsurface conditions on any drawing, plans or specifications it may furnish to Developer or Subcontractor, and if none are shown that is not to be interpreted as indicating that there are none of significance to the Work. Should Developer encounter subsurface conditions at the site materially different from any that are shown on the drawings, plans or specifications, it shall immediately give notice to CTO of such conditions before the conditions are disturbed. CTO will thereupon promptly investigate the conditions, and if it finds that they materially differ from those shown on the plans or indicated in the specifications it will make any changes necessary to revise the plans, drawings, or specifications to reflect the actual site conditions, at the cost to the Developer. The Developer will also be responsible for all costs associated with the fact that the site conditions differ materially from those contained in the plans, drawings or specifications.

15. Inspection and Tests and Correction of Defects

- A. CTO shall have the right to inspect any and all records of Developer or its subcontractors whenever CTO believes that this is necessary to insure that the Work is proceeding and will proceed in full accordance with the requirements of the Agreement. In addition, all parts of the Work shall

throughout the time of performance of the Agreement be subject to inspection by CTO. To the extent permitted by the Agreement, CTO shall be the final judge of the quality and acceptability of the Work, the materials used therein, and the processes of manufacture and methods of construction employed in connection therewith. Developer shall, or shall cause the Subcontractors to, provide CTO's representatives with safe and proper facilities for access to and inspection of the Work, both at the Site and at any plant or other source of supply where any equipment, material, or part may be located. CTO shall have the right to witness any test Developer or any third party acting on behalf of Developer conducts relating to the Work, and Developer shall give CTO advance written notice thereof. The test results shall be provided to CTO for concurrence as soon as practical, and found to be satisfactory only if accepted by CTO. CTO shall have the right to require Developer to perform reasonable additional tests at reasonable times and places. The cost of any additional tests required by CTO shall be borne by CTO unless they disclose a defect or nonconformity in the Work, in which case the cost shall be borne by Developer.

- B. No inspection, failure to inspect, or waiver of inspection on the part of CTO or anyone acting on its behalf shall relieve developer of its duty complete the Work in -accordance with the Agreement.
- C. Should it appear to CTO at any time prior to the completion and acceptance of any segment of the Work, whether as a result of the aforementioned inspections and tests or otherwise, that any part of the Work in an uncompleted segment is not suitable or of good quality or fails to conform to the Agreement's requirements, CTO shall have the option to :
- (a) halt the continuation of such segment of the Work; and
  - (b) require Developer, at Developer's sole expense and within such reasonable time as may be fixed by CTO, to reconstruct, replace or correct the applicable Work and remedy any damage to property of CTO and others occasioned by such Work or the materials, methods or processes employed in connection therewith, or, if Developer does not comply with such requirement, then CTO may perform or have performed by another all of the aforementioned tasks and recover the cost thereof from Developer; or
  - (c) accept the unsuitable or nonconforming Work.

In any event, Developer shall reimburse CTO for all costs for additional work performed by CTO's other contractors to the extent they arise from Developer's unacceptable Work.

16. Subcontracting

A. Developer shall, notwithstanding CTO's approval of a particular Subcontractor, be as fully responsible for the acts and omissions of its Subcontractors and their agents as it is for its own acts and omission. Should any approved Subcontractor fail to perform to the satisfaction of CTO, CTO shall have the right to rescind its approval and to require the Work subcontracted to be performed by Developer or by another approved Subcontractor. Nothing contained herein shall create any contractual rights in any Subcontractor against CTO. Developer shall cause all subcontracts applicable to the Work to contain provisions which require the Subcontractor to provide the same insurance coverage as is required of Developer naming both CTO and Developer as additional insureds. Subcontracts shall provide for Developer the same rights against the Subcontractor as CTO has hereunder against Developer and shall expressly state that such provisions shall also be for the benefit of CTO.

17. Title to Materials and Completed Work.

Developer shall obtain and maintain title to all materials, equipment and structures to be installed by it in the Work, free from all liens, claims and encumbrances. Title to all Work completed or in the course of construction and to all materials, equipment and structures shall be transferred to CTO in accordance with the Agreement. CTO retains the right to require the correction of defective or non-conforming Work after acceptance by CTO if the defects or non-conforming elements of such work were not reasonably evident on inspection prior to acceptance of the Work.

18. CTO's Performance.

CTO shall perform any action required of it by the Agreement in order to enable Developer to perform.

19. Liens.

Developer shall defend, save harmless and indemnify CTO (as well as any owner of the real property on which the project is situated) against all claims, liens or attachments growing out of the demands of Subcontractors, mechanics, workmen, materialmen and furnishers of machinery, equipment, tools, or supplies, including commissary, in connection with the Work. Developer shall deliver the Work to CTO free and clear of all liens, claims, and encumbrances, and shall furnish CTO a certificate to that effect upon request. If requested by CTO, Developer shall furnish CTO with a Developer Affidavit – Final Full Release And Waiver of Lien document and, for each Subcontractor, a Subcontractor Affidavit – Final Full Release And

Waiver of Lien document, duly executed and delivered by Developer and its Subcontractors, as applicable. Such documents shall, among other things, waive, release and discharge all claims and liens relating to the Work, the project or the Agreement and defend, indemnify and hold harmless CTO (as well as any owner of the real property on which the project is situated) from and against such claims and liens. Such documents shall be in a form reasonably satisfactory to CTO and shall in all respects be read and interpreted consistent with Section 34 of the New York Lien Law (or its successor). Any liens arising from Developer's Subcontractors, mechanics, workmen, materialmen and furnishers of machinery, equipment, tools, or supplies, including commissary, must be fully bonded or otherwise discharged by Subcontractor or Developer in accordance with applicable law, within five (5) days of the filing of the lien.

20. Other Contractors

- A. Developer shall fully cooperate with other contractors and any CTO employees at or near the site of the Work and carefully coordinate its own work with that performed by them. Developer shall not commit or permit any act which will interfere with the performance of work by any other contractor or by CTO.
- B. If any other contractor or any Subcontractor shall suffer loss or damage through acts or neglect on the part of Developer, Developer shall use its best efforts to settle the matter with such other contractor or Subcontractor. If such other contractor or Subcontractor asserts any claim against CTO based on such loss or damage, CTO shall notify Developer, and Developer shall indemnify and save CTO harmless against any such claim and any loss or liability arising therefrom.
- C. Developer and its Subcontractors shall keep informed of the progress and the details of work of other CTO contractors at the Work site (and of CTO) and shall notify CTO immediately of lack of progress or defective workmanship on the part of any of them (or of CTO). Failure by Developer to keep informed of other work in progress at the site or to give notice of lack of progress or defective workmanship by others shall be deemed an acceptance by Developer of such other work insofar as it relates to or affects its own Work.

21. Patents, Etc.

If Developer, in performing this Agreement, employs, constructs or provides any design, process, material, tool or equipment covered by a patent, copyright, trademark or other proprietary right, Developer shall, if it does not itself own such right, at its own expense secure permission prior

to its use hereunder by securing a suitable agreement from the owner of such right. Developer shall indemnify and hold CTO harmless against any claim, suit or proceeding for infringement of any patent, copyright, trademark or other proprietary right brought against CTO, and any liability arising therefrom, arising out of the use or manufacture of any designs, processes, materials, tools or equipment provided to CTO or employed in the performance of the Work, except with respect to any equipment, process, material or design specified or developed by CTO. Subject to the foregoing exception, Developer shall provide for the defense of any such claim, suit or proceeding, and shall pay all costs and expenses in connection therewith, including compensation of experts and counsel, and all damages and costs awarded against CTO. CTO shall notify Developer of any such claim, suit or proceeding in writing and give Developer authority, information and assistance (at Developer's expense) for the defense thereof. In the event that the use of anything furnished or constructed hereunder is enjoined, Developer shall promptly, at its own expense and at its option, either (a) procure for CTO the right to continue using it or (b) with the approval of CTO, (i) replace it with a noninfringing equivalent or (ii) modify it so it becomes noninfringing.

22. Ownership of Documents.

Developer shall make available to CTO, upon request, all documents, drawings, plans, specifications, reports, books, photographs, films, tapes, recordings, models, and computer programs furnished or prepared by Developer in connection with the Work (hereinafter "Materials"), and CTO shall have the unrestricted right to copy and reproduce the Materials, use them in any way it sees fit, and disclose them to others. Developer hereby assigns any and all copyrights in the Materials to CTO, and, upon the request of CTO, Developer shall execute any documents that CTO deems necessary to effectuate such assignments.

23. Compliance with Laws on Discrimination in Employment.

Developer will not discriminate against any employee or applicant for employment because of race, color, religion, sex, age, ancestry or national origin. Developer will take affirmative action to insure that employees are treated, during employment, without regard to their race, color, religion, sex, age, ancestry, or national origin. Such action shall include, but not be limited to, the following: employment, job classification, upgrading, demotion, promotion, layoff, termination or transfer, rates of pay or other forms of compensation and selection for training, including apprenticeship. To the extent applicable, Developer shall utilize commercially reasonable efforts to comply with and cause its subcontractors to comply with, Federal Acquisition Regulation ("FAR") clause 52.203-6, "Restrictions on



Subcontractor Sales to The Government (Jul 1985)", FAR clause 52.203-7, "Anti-Kickback Procedures (Oct 1988)", FAR clause 52.203-11, "Certification And Disclosure Regarding Payments to Influence Certain Federal Transactions (Apr 1991)", FAR clause 52.203-12, "Limitation On Payment To Influence Certain Federal Transactions (Jan 1990)", FAR clause 52.219-8, "Utilization Of Small Business Concerns and Small Disadvantaged Business Concerns (Feb 1990)", FAR clause 52.219-9, "Small Business And Small Disadvantaged Business Subcontracting Plan (Jan 1991)", FAR clause 52.222-26, "Equal Opportunity (Apr 1984)", FAR clause 52.222-35, "Affirmative Action For Special Disabled And Vietnam Era Veterans (Apr 1984)", FAR clause 52.222-36, "Affirmative Action For Handicapped Workers (Apr 1984)", FAR clause 52.222-37, "Employment Reports On Special Disabled Veterans and Veterans Of the Vietnam Era (Jan 1988)", and FAR clause 52.223-2, "Clean Air and Water (1984)". Developer certifies that neither it nor its principals is debarred, suspended or proposed for debarment by the Federal Government; that it does not and will not maintain or provide for its employees any segregated facilities (i.e., facilities that are segregated on the basis of race, color, religion, or national origin) at any of its establishments, and that it does not permit and will not permit its employees to perform their services at any location under its control where segregated facilities are maintained; and that any facility to be used in the performance of this Agreement is not listed on the Environmental Protection Agency List of Violating Facilities.

Appendix I

Scope of Work for Engineering Services  
Described in Section 5 of Appendix A

1. Cricket Valley Substation

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- Developer will provide the Connecting Transmission Owner with the following items relating to the substation design for review: ground grid calculations; open air bus structures; open air bus sizing and equipment rating; and lightning protection (rolling sphere method) for the substation that will be constructed on Developer's property.
- The Connecting Transmission Owner will review the conceptual layouts and electrical one-lines of the Cricket Valley GIS building and equipment, which does not include the Connection Transmission Owner performing any substation work.
- The Connecting Transmission Owner will review the substation design to confirm the design complies with its standards.
- The Developer must include the following standard items in the Cricket Valley Substation package as part of the conceptual stage for substation work:
  - a simplified system one line diagram, with breaker arrangement, depicting the 345kV feeder connections at all terminals;
  - a detailed electrical one line diagram of the identified new or expanded facilities, including ratings of all major equipment;
  - simplified protective devices and relay schemes, equipment controls and supervisory schemes including substation automation BOM and architecture, revenue and other metering, station service and communication schemes for each of the terminals;
  - an overall substation site plan that depicts the existing and new transmission facilities and structures, rights of ways, property lines, regulated wetlands, culverts, ditches and other existing utilities in the area;
  - substation plot plans for each site, depicting the fenced areas, major structures, equipment, property lines and access roads; a bill of material list of major equipment including quantities and ratings;
  - A description of the work required for new 345kV feeder and each terminal to include but not limited to the site work, foundations, conduit/trench system,

grounding, structures, AC/DC system, protective relaying, communication and metering systems, and transmission line installations and modifications;

- Proposed support structures, including but not limited to breakers, disconnect switches, bus supports, surge arrestors, CT's, PT's, lightning mast, A-frames and H-frames, buildings & enclosures and other foundations shall conform to the Connecting Transmission Owner's Standard Substation Structure Foundation drawings; and
- Proposed foundation types for all structures, including but not limited to disconnect switches, bus supports, surge arrestors, CT's, PT's, A-frames and H-frames, buildings & enclosures and other structures shall conform to the Connecting Transmission Owner's Standard Substation Structure drawings.
- The Connecting Transmission Owner will review and approve transmission system upgrade facility ("SUF") material specifications.
- Such engineering services may include services the Connecting Transmission Owner believes are necessary in order for it to be designed and constructed in accordance with its criteria and standards.
- For the items listed above, the Connecting Transmission Owner's engineers will notify Developer of the estimated review turnaround times and the times when Developer must deliver specific materials and drawings.

## 2. Transmission Line

- The Connecting Transmission Owner will review the drawings, design studies, and calculations pertaining to the Transmission Line.
- The Connecting Transmission Owner will review drawings related to the Environmental Management and Construction Plan for Developer's Article VII application at the NYPSC, including detailed plan & profiles of the proposed transmission line along with related notes and construction sequencing information.
- The Connecting Transmission Owner will review and approve SUF material specifications.
- Such engineering services may also include additional services the Connecting Transmission Owner believes are necessary in order for it to be designed and constructed in accordance with its standards.
- For the items listed above, the Connecting Transmission Owner's engineers will notify Developer of the estimated review turnaround times and the time when Developer must deliver specific materials and drawings.

3. New York Line 398 Reconductoring

- The Connecting Transmission Owner will review protection, relay coordination and communication drawings design studies, and calculations related to the design of the relay protection systems for the Cricket Valley to Pleasant Valley and the Cricket Valley to Long Mountain lines.
- The Connecting Transmission Owner will review jumper loop (or equivalent) transition design between the Connecting Transmission Owner's new bundled Mallard conductor and the new Eversource-owned Bluebird conductor at Tower L-76 (just before the Connecticut border).
- The Connecting Transmission Owner will review and approve SUF material specification.
- The Connecting Transmission Owner will review the package of drawings that Developer will provide relating to the transition of the Connecting Transmission Owner's transmission line to the Eversource transmission line. In addition, Developer will provide the Connecting Transmission Owner with the inputs in the program for the design base for review and will indicate what software or programs are used for the calculations.
- Such engineering services may include services the Connecting Transmission Owner believes are necessary in order for it to be designed and constructed in accordance with its standards.
- For the items listed above, the Connecting Transmission Owner's engineers will notify Developer of the estimated review turnaround times and the time when Developer must deliver specific materials and drawings.

4. Work Items Applicable to All Three Tasks Noted Above

- The Connecting Transmission Owner will review and approve document control procedures.
- The Connecting Transmission Owner will participate when requested in progress or coordination meetings.
- The Connecting Transmission Owner will provide engineering support or review of in-process SUF design issues or clarifications.
- The Connecting Transmission Owner will conduct field inspections of the progress of construction of the SUFs.

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- The Connecting Transmission Owner will perform final review and approval of the final SUF design and as-built SUF documents.
- The Connecting Transmission Owner will review and approve communication procedures after turn-over of the SUFs.
- The Connecting Transmission Owner will perform final review and approval of the SUFs before the turnover of the SUFs to the Connecting Transmission Owner.
- For the items listed above, the Connecting Transmission Owner's engineers will notify Developer of the estimated review turnaround times and the time when Developer must deliver specific materials and drawings.

<b>Summary report:</b> <b>Litéra® Change-Pro TDC 7.5.0.196 Document comparison done on</b> <b>11/28/2016 2:25:46 PM</b>	
<b>Style name:</b> H&W Standard	
<b>Intelligent Table Comparison:</b> Active	
<b>Original DMS:</b> iw://EMF_US/HW_US/45891393/9	
<b>Modified DMS:</b> iw://EMF_US/HW_US/63050737/1	
<b>Changes:</b>	
<u>Add</u>	768
<del>Delete</del>	142
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<u>Move To</u>	0
<u>Table Insert</u>	5
<del>Table Delete</del>	0
<u>Table moves to</u>	0
<del>Table moves from</del>	0
Embedded Graphics (Visio, ChemDraw, Images etc.)	1
Embedded Excel	0
Format changes	0
<b>Total Changes:</b>	916