Appendix 6 to the
JEPA Procedures for Generator
Interconnection to Transmission System (JPGITS)

JEPA Agreement for Generator
Interconnection to Transmission System (JAGITS)
(Applicable to Generating Facilities connecting to the transmission system)
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JEA AGREEMENT FOR GENERATOR INTERCONNECTION TO TRANSMISSION SYSTEM

THIS JEA AGREEMENT FOR GENERATOR INTERCONNECTION TO TRANSMISSION SYSTEM ("Agreement") is made and entered into this ____ day of ___________ 20__, by and between _______________________, a __________________________ organized and existing under the laws of the State/Commonwealth of ________________ ("Interconnection Customer" with a Transmission Interconnected Generating Facility), and JEA, a body politic and corporate created and established by Chapter 67-1569 under the laws of the State of Florida, ("JEA and/or Transmission Owner"). Interconnection Customer and JEA each may be referred to as a "Party" or collectively as the "Parties."

Recitals

WHEREAS, JEA operates the Transmission System; and

WHEREAS, Interconnection Customer intends to own, lease and/or control and operate the Generating Facility identified as a Transmission Interconnected Generating Facility in Appendix A to this Agreement; and,

WHEREAS, Interconnection Customer and JEA have agreed to enter into this Agreement for the purpose of interconnecting the Transmission Interconnected Generating Facility with the Transmission System;

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

When used in this JEA Agreement for Generator Interconnection to Transmission System, terms with initial capitalization that are not defined in Article 1 shall have the meanings specified in the Article in which they are used.
Article 1. Definitions

Adverse System Impact shall mean the negative effects due to technical or operational limits on conductors or equipment being exceeded that may compromise the safety and reliability of the electric system.

Affected System shall mean an electric system other than JEA's Transmission System that may be affected by the proposed interconnection.

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

Affiliate shall mean, with respect to a corporation, partnership or other entity, each such other corporation, partnership or other entity that directly or indirectly, through one or more intermediaries, controls, is controlled by, or is under common control with, such corporation, partnership or other entity.

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 JEA's 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.

Applicable Reliability Council shall mean the reliability council applicable to the Transmission System to which the Generating Facility is directly interconnected.

Applicable Reliability Standards shall mean the requirements and guidelines of NERC, the Applicable Reliability Council, and the Control Area of the Transmission System to which the Generating Facility is directly interconnected.

Base Case shall mean the base case power flow, short circuit, and stability data bases used for the Interconnection Studies by JEA or Interconnection Customer.

Breach shall mean the failure of a Party to perform or observe any material term or condition of the JEA Agreement for Generator Interconnection to Transmission System.

Breaching Party shall mean a Party that is in Breach of the JEA Agreement for
Generator Interconnection to Transmission System.

**Business Day** shall mean Monday through Friday, excluding Federal Holidays.

**Calendar Day** shall mean any day including Saturday, Sunday or a Federal Holiday.

**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 Impact Study.

**Commercial Operation** shall mean the status of a 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 Generating Facility commences Commercial Operation as agreed to by the Parties pursuant to Appendix E to the JEA Agreement for Generator Interconnection to Transmission System.

**Confidential Information** shall mean any confidential, proprietary or trade secret information of a plan, specification, pattern, procedure, design, device, list, concept, policy or compilation relating to the present or planned business of a Party, which is designated as confidential by the Party supplying the information, whether conveyed orally, electronically, in writing, through inspection, or otherwise.

**Control Area** shall mean an electrical system or systems bounded by interconnection metering and telemetry, capable of controlling generation to maintain its interchange schedule with other Control Areas and contributing to frequency regulation of the interconnection. A Control Area must be certified by the Applicable Reliability Council.

**Default** shall mean the failure of a Breaching Party to cure its Breach in accordance with Article 17 of the JEA Agreement for Generator Interconnection to Transmission System.

**Dispute Resolution** shall mean the procedure for resolution of a dispute between the Parties in which they will first attempt to resolve the dispute on an informal basis.

**Distribution System** shall mean the JEA’s facilities and equipment used to transmit electricity to ultimate usage points such as homes and industries directly from
nearby generators or from interchanges with higher voltage transmission networks which transport bulk power over longer distances. The voltage levels at which distribution systems operate differ among areas.

**Distribution Upgrades** shall mean the additions, modifications, and upgrades to the JEA's Distribution System at or beyond the Point of Interconnection to facilitate interconnection of the Generating Facility and render the transmission service necessary to effect Interconnection Customer's wholesale sale of electricity in interstate commerce. Distribution Upgrades do not include Interconnection Facilities.

**Effective Date** shall mean the date on which the JEA Agreement for Generator Interconnection to Transmission System becomes effective upon execution by the Parties.

**Emergency Condition** shall mean a condition or situation: (1) that in the judgment of the Party making the claim is imminently likely to endanger life or property; or (2) that, in the case of JEA, is imminently likely (as determined in a non-discriminatory manner) to cause a material adverse effect on the security of, or damage to JEA's Transmission System, JEA's Interconnection Facilities or the electric systems of others to which JEA's Transmission System is directly connected; or (3) that, in the case of Interconnection Customer, is imminently likely (as determined in a non-discriminatory manner) to cause a material adverse effect on the security of, or damage to, the Generating Facility or Interconnection Customer's Interconnection Facilities. System restoration and black start shall be considered Emergency Conditions; provided, that Interconnection Customer is not obligated by the JEA Agreement for Generator Interconnection to Transmission System to possess black start capability.

**Energy Resource Interconnection Service** shall mean an Interconnection Service that allows the Interconnection Customer to connect its Generating Facility to JEA's Transmission System to be eligible to deliver the Generating Facility's electric output using the existing firm or non-firm capacity of the JEA's Transmission System on an as available basis. Energy Resource Interconnection Service in and of itself does not convey transmission service.

**Engineering & Procurement (E&P) Agreement** shall mean an agreement that authorizes JEA 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.

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 Interconnection Customer's device for the production of electricity identified in the Interconnection Request, but shall not include the Interconnection Customer's Interconnection Facilities.

Generating Facility Capacity shall mean the net capacity of the Generating Facility and the aggregate net 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 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 be 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 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 Interconnection Customer, JEA, 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.

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

**In-Service Date** shall mean the date upon which the Interconnection Customer reasonably expects it will be ready to begin use of JEA's Interconnection Facilities to obtain back feed power.

**Interconnection Customer** shall mean any entity, including JEA, Transmission Owner or any of the Affiliates or subsidiaries of either, that proposes to interconnect its Generating Facility with JEA's Transmission System.

**Interconnection Customer's Interconnection Facilities** shall mean all facilities and equipment, as identified in Appendix A of the JEA Agreement for Generator Interconnection to Transmission System, that are located between the 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 Generating Facility to JEA's Transmission System. Interconnection Customer's Interconnection Facilities are sole use facilities.

**Interconnection Facilities** shall mean JEA's Interconnection Facilities and the Interconnection Customer's Interconnection Facilities. Collectively, Interconnection Facilities include all facilities and equipment between the Generating Facility and the Point of Interconnection, including any modification, additions or upgrades that are necessary to physically and electrically interconnect the Generating Facility to JEA's Transmission System. Interconnection Facilities are sole use facilities and shall not include Distribution Upgrades, Stand Alone Network Upgrades or Network Upgrades.

**Interconnection Facilities Study** shall mean a study conducted by JEA or a third party consultant for the Interconnection Customer to determine a list of facilities (including JEA's Interconnection Facilities and Network Upgrades as identified in the Interconnection System Impact Study), the cost of those facilities, and the time required to interconnect the Generating Facility with JEA's Transmission System. The scope of the study is defined in Section 8 of the JEA Procedures for Generator Interconnection to Transmission System.
Interconnection Facilities Study Agreement shall mean the form of agreement contained in Appendix 4 of the JEA Procedures for Generator Interconnection to Transmission System for conducting the Interconnection Facilities Study.

Interconnection Feasibility Study shall mean a preliminary evaluation of the system impact and cost of interconnecting the Generating Facility to JEA's Transmission System, the scope of which is described in Section 6 of the JEA Procedures for Generator Interconnection to Transmission System.

Interconnection Feasibility Study Agreement shall mean the form of agreement contained in Appendix 2 of the JEA Procedures for Generator Interconnection to Transmission System for conducting the Interconnection Feasibility Study.

Interconnection Request shall mean an Interconnection Customer's request, in the form of Appendix 1 to the JEA Procedures for Generator Interconnection to Transmission System, to interconnect a new Generating Facility, or to increase the capacity of, or make a Material Modification to the operating characteristics of, an existing Generating Facility that is interconnected with JEA's Transmission System.

Interconnection Service shall mean the service provided by JEA associated with interconnecting the Interconnection Customer's Generating Facility to JEA's Transmission System and enabling it to receive electric energy and capacity from the Generating Facility at the Point of Interconnection, pursuant to the terms of the JEA Agreement for Generator Interconnection to Transmission System.

Interconnection Study shall mean any of the following studies: the Interconnection Feasibility Study, the Interconnection System Impact Study, and the Interconnection Facilities Study described in the JEA Procedures for Generator Interconnection to Transmission System.

Interconnection System Impact Study shall mean an engineering study that evaluates the impact of the proposed interconnection on the safety and reliability of JEA's Transmission System and, if applicable, an Affected System. The study shall identify and detail the system impacts that would result if the Generating Facility were interconnected without project modifications or system modifications, focusing on the Adverse System Impacts identified in the Interconnection Feasibility Study, or to study potential impacts, including but not limited to those identified in the Scoping Meeting as described in the JEA Procedures for Generator Interconnection to Transmission System.

Interconnection System Impact Study Agreement shall mean the form of
agreement contained in Appendix 3 of the JEA Procedures for Generator Interconnection to Transmission System for conducting the Interconnection System Impact Study.

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

**JEA** shall mean a municipal-owned electric utility that owns and operates electrical generation, transmission and distribution facilities in certain other portions of the State of Florida.

**JEA Agreement for Generator Interconnection to Transmission System (JAGITS)** shall mean the form of interconnection agreement applicable to an Interconnection Request pertaining to a Transmission Interconnected Generating Facility.

**JEA Procedures for Generator Interconnection to Transmission System (JPGITS)** shall mean the interconnection procedures applicable to an Interconnection Request pertaining to a Transmission Interconnected Generating Facility.

**Joint Operating Committee** shall be a group made up of representatives from Interconnection Customers and JEA to coordinate operating and technical considerations of Interconnection Service.

**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 other Party's performance, or non-performance of its obligations under the JEA Agreement for Generator Interconnection to Transmission System on behalf of the indemnifying 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 Generating Facility pursuant to the JEA Agreement for Generator Interconnection to Transmission System 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.

**Network Resource** shall mean any designated generating resource owned,
purchased, or leased by a Network Customer under the Network Integration Transmission Service Tariff. Network Resources do not include any resource, or any portion thereof, that is committed for sale to third parties or otherwise cannot be called upon to meet the Network Customer's Network Load on a non-interruptible basis.

**Network Resource Interconnection Service** shall mean an Interconnection Service that allows the Interconnection Customer to integrate its Transmission Interconnected Generating Facility with JEA's Transmission System (1) in a manner comparable to that in which JEA integrates its generating facilities to serve native load customers. Network Resource Interconnection Service in and of itself does not convey transmission service.

**Network Upgrades** shall mean the additions, modifications, and upgrades to JEA's Transmission System required at or beyond the point at which the Interconnection Facilities connect to JEA's Transmission System to accommodate the interconnection of the Transmission Interconnected Generating Facility to JEA's Transmission System.

**Notice of Dispute** shall mean a written notice of a dispute or claim that arises out of or in connection with the JEA Agreement for Generator Interconnection to Transmission System or its performance.

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

**Optional Interconnection Study Agreement** shall mean the form of agreement contained in Appendix 5 of the JEA Procedures for Generator Interconnection to Transmission System for conducting the Optional Interconnection Study.

**Party or Parties** shall mean JEA, Transmission Owner, Interconnection Customer or any combination of the above.

**Point of Change of Ownership** shall mean the point, as set forth in Appendix A to the JEA Agreement for Generator Interconnection to Transmission System, where the Interconnection Customer's Interconnection Facilities connect to JEA's Interconnection Facilities.

**Point of Interconnection** shall mean the point, as set forth in Appendix A to the JEA Agreement for Generator Interconnection to Transmission System, where the Interconnection Facilities connect to JEA's Transmission 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 JEA.

Reasonable Efforts shall mean, with respect to an action required to be attempted or taken by a Party under the JEA Agreement for Generator Interconnection to Transmission System, 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.

Scoping Meeting shall mean the meeting between representatives of the Interconnection Customer and JEA 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.

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

Stand Alone Network Upgrades shall mean Network Upgrades that an Interconnection Customer may construct without affecting day-to-day operations of the Transmission System during their construction. Both JEA and the Interconnection Customer must agree as to what constitutes Stand Alone Network Upgrades and identify them in Appendix A to the JEA Agreement for Generator Interconnection to Transmission System.

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

Tariff shall mean JEA’s Tariff.

Transmission Interconnected Generating Facility shall mean a Generating
Facility interconnecting to the transmission system.

**Transmission Owner** shall mean an entity that owns, leases or otherwise possesses an interest in the portion of the Transmission System at the Point of Interconnection and may be a Party to the JEA Agreement for Generator Interconnection to Transmission System to the extent necessary.

**Transmission Provider** shall mean the public utility (or its designated agent) that owns, controls, or operates transmission or distribution facilities used for the transmission of electricity in interstate commerce and provides transmission service. The term Transmission Provider should be read to include the Transmission Owner when the Transmission Owner is separate from JEA.

**JEA's Interconnection Facilities** shall mean all facilities and equipment owned, controlled or operated by JEA from the Point of Change of Ownership to the Point of Interconnection as identified in Appendix A to the JEA Agreement for Generator Interconnection to Transmission System, including any modifications, additions or upgrades to such facilities and equipment. JEA's Interconnection Facilities are sole use facilities and shall not include Distribution Upgrades, Stand Alone Network Upgrades or Network Upgrades.

**Transmission System** shall mean the facilities owned, controlled or operated by JEA or Transmission Owner that are used to provide transmission service.

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

**Variable Energy Resource** shall mean a device for the production of electricity that is characterized by an energy source that: (1) is renewable; (2) cannot be stored by the facility owner or operator; and (3) has variability that is beyond the control of the facility owner or operator.

**Article 2. Effective Date, Term, and Termination**

2.1 **Effective Date.** This JAGITS shall become effective upon execution by the Parties.

2.2 **Term of Agreement.** Subject to the provisions of Article 2.3, this JAGITS shall remain in effect for a period of twenty (20) years from the Effective Date or such other longer period as Interconnection Customer may request (Term to be
specified in individual agreements) and shall be automatically renewed for each successive one-year period thereafter.

2.3 **Termination Procedures.**

2.3.1 **Written Notice.** This JAGITS may be terminated by Interconnection Customer after giving JEA ninety (90) Calendar Days advance written notice.

2.3.2 **Default.** Either Party may terminate this JAGITS in accordance with Article 17.

2.3.3 Notwithstanding Articles 2.3.1 and 2.3.2, no termination shall become effective until the Parties have complied with all Applicable Laws and Regulations applicable to such termination.

2.4 **Termination Costs.** If a Party elects to terminate this Agreement pursuant to Article 2.3 above, each Party shall pay all costs incurred (including any cancellation costs relating to orders or contracts for Interconnection Facilities and equipment) or charges assessed by the other Party, as of the date of the other Party's receipt of such notice of termination, that are the responsibility of the Terminating Party under this JAGITS. In the event of termination by a Party, the Parties shall use commercially Reasonable Efforts to mitigate the costs, damages and charges arising as a consequence of termination. Upon termination of this JAGITS:

2.4.1 With respect to any portion of JEA's Interconnection Facilities that have not yet been constructed or installed, JEA shall to the extent possible and with Interconnection Customer'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 Interconnection Customer elects not to authorize such cancellation, Interconnection Customer shall assume all payment obligations with respect to such materials, equipment, and contracts, and JEA shall deliver such material and equipment, and, if necessary, assign such contracts, to Interconnection Customer as soon as practicable, at Interconnection Customer's expense. To the extent that Interconnection Customer has already paid JEA for any or all such costs of materials or equipment not taken by Interconnection Customer, JEA shall promptly refund such amounts to Interconnection Customer, less any costs, including penalties incurred by JEA to cancel any pending orders of or return such materials, equipment, or contracts.
If an Interconnection Customer terminates this JAGITS, it shall be responsible for all costs incurred in association with that Interconnection Customer's interconnection, including any cancellation costs relating to orders or contracts for Interconnection Facilities and equipment, and other expenses including any Network Upgrades for which JEA has incurred expenses and has not been reimbursed by Interconnection Customer.

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

2.4.3 With respect to any portion of the Interconnection Facilities, and any other facilities already installed or constructed pursuant to the terms of this JAGITS, Interconnection Customer 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 JAGITS, the Parties will take all appropriate steps to disconnect the Transmission Interconnected Generating Facility from the 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 JAGITS or such non-terminating Party otherwise is responsible for these costs under this JAGITS.

2.6 Survival. This JAGITS 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 JAGITS; to permit the determination and enforcement of liability and indemnification obligations arising from acts or events that occurred while this JAGITS was in effect; and to permit each Party to have access to the lands of the other Party pursuant to this JAGITS or other applicable agreements, to disconnect, remove or salvage its own facilities and equipment.

Article 3. Regulatory Filings

3.1 Filing. JEA shall file this JAGITS (and any amendment hereto) with the appropriate Governmental Authority, if required. Interconnection Customer may request that any information so provided be subject to the confidentiality
provisions of Article 22. If Interconnection Customer has executed this JAGITS, or any amendment thereto, Interconnection Customer shall reasonably cooperate with JEA with respect to such filing and to provide any information reasonably requested by JEA needed to comply with applicable regulatory requirements.

**Article 4. Scope of Service**

**4.1 Interconnection Product Options.** Interconnection Customer has selected the following (checked) type of Interconnection Service:

- [ ] **4.1.1 Energy Resource Interconnection Service.**

  **4.1.1.1 The Product.** Energy Resource Interconnection Service allows Interconnection Customer to connect the Transmission Interconnected Generating Facility to the Transmission System and be eligible to deliver the Transmission Interconnected Generating Facility's output using the existing firm or non-firm capacity of the Transmission System on an "as available" basis. To the extent Interconnection Customer wants to receive Energy Resource Interconnection Service, JEA shall construct facilities consistent with the studies identified in Attachment A. Energy Resource Interconnection Service does not in and of itself convey any transmission delivery service.

  **4.1.1.2 Transmission Delivery Service Implications.** Under Energy Resource Interconnection Service, Interconnection Customer will be eligible to inject power from the Transmission Interconnected Generating Facility into and deliver power across the interconnecting JEA's Transmission System on an "as available" basis up to the amount of MWs identified in the applicable stability and steady state studies to the extent the upgrades initially required to qualify for Energy Resource Interconnection Service have been constructed. Interconnection Customer may obtain Point-to-Point Transmission Service, Network Integration Transmission Service, or be used for secondary network transmission service, pursuant to JEA’s Tariff, up to the maximum output identified in the stability and steady state studies. In those
instances, in order for Interconnection Customer to obtain the right to deliver or inject energy beyond the Transmission Interconnected Generating Facility Point of Interconnection or to improve its ability to do so, transmission delivery service must be obtained pursuant to the provisions of JEA's Tariff. The Interconnection Customer's ability to inject its Transmission Interconnected Generating Facility output beyond the Point of Interconnection, therefore, will depend on the existing capacity of JEA's Transmission System at such time as a transmission service request is made that would accommodate such delivery. The provision of firm Point-to-Point Transmission Service or Network Integration Transmission Service may require the construction of additional Network Upgrades.

4.1.2 Network Resource Interconnection Service.

4.1.2.1 The Product. JEA must conduct the necessary studies and construct the Network Upgrades needed to integrate the Transmission Interconnected Generating Facility (1) in a manner comparable to that in which JEA integrates its generating facilities to serve native load customers. To the extent Interconnection Customer wants to receive Network Resource Interconnection Service, JEA shall construct the facilities identified in Attachment A to this JAGITS.

4.1.2.2 Transmission Delivery Service Implications. Network Resource Interconnection Service allows Interconnection Customer's Transmission Interconnected Generating Facility to be designated by any Network Customer under the Tariff on JEA's Transmission System as a Network Resource, up to the Transmission Interconnected Generating Facility's full output, on the same basis as existing Network Resources interconnected to JEA's Transmission System, and to be studied as a Network Resource on the assumption that such a designation will occur. Although Network Resource Interconnection Service does not convey a reservation of transmission service, any Network Customer under the Tariff can utilize its network service under the Tariff to obtain delivery of energy from the interconnected Interconnection Customer's Transmission Interconnected Generating Facility.
in the same manner as it accesses Network Resources. A Transmission Interconnected Generating Facility receiving Network Resource Interconnection Service may also be used to provide Ancillary Services after technical studies and/or periodic analyses are performed with respect to the Transmission Interconnected Generating Facility's ability to provide any applicable Ancillary Services, provided that such studies and analyses have been or would be required in connection with the provision of such Ancillary Services by any existing Network Resource. However, if an Interconnection Customer's Transmission Interconnected Generating Facility has not been designated as a Network Resource by any load, it cannot be required to provide Ancillary Services except to the extent such requirements extend to all generating facilities that are similarly situated. The provision of Network Integration Transmission Service or firm Point-to-Point Transmission Service may require additional studies and the construction of additional upgrades pursuant to JEA’s tariff.

Network Resource Interconnection Service does not necessarily provide Interconnection Customer with the capability to physically deliver the output of its Transmission Interconnected Generating Facility to any particular load on JEA's Transmission System without incurring congestion costs. In the event of transmission constraints on JEA's Transmission System, Interconnection Customer's Transmission Interconnected Generating Facility shall be subject to the applicable congestion management procedures in JEA's Transmission System in the same manner as the other Network Resources.

There is no requirement either at the time of study or interconnection, or at any point in the future, that Interconnection Customer's Transmission Interconnected Generating Facility be designated as a Network Resource by a Network Service Customer under the Tariff or that Interconnection Customer identify a specific buyer (or sink). To the extent a Network Customer does designate the Transmission Interconnected Generating Facility as a Network Resource, it must do so pursuant to JEA's Tariff.
Once an Interconnection Customer satisfies the requirements for obtaining Network Resource Interconnection Service, any future transmission service request for delivery from the Transmission Interconnected Generating Facility within JEA's Transmission System of any amount of capacity and/or energy, up to the amount initially studied, will not require that any additional studies be performed or that any further upgrades associated with such Transmission Interconnected Generating Facility be undertaken, regardless of whether or not such Transmission Interconnected Generating Facility is ever designated by a Network Customer as a Network Resource and regardless of changes in ownership of the Transmission Interconnected Generating Facility. However, the reduction or elimination of congestion or re-dispatch costs may require additional studies and the construction of additional upgrades.

To the extent Interconnection Customer enters into an arrangement for long term transmission service for deliveries from the Transmission Interconnected Generating Facility outside JEA's Transmission System, such request may require additional studies and upgrades in order for JEA to grant such request.

4.2 **Provision of Service.** JEA shall provide Interconnection Service for the Transmission Interconnected Generating Facility at the Point of Interconnection.

4.3 **Performance Standards.** Each Party shall perform all of its obligations under this JAGITS in accordance with Applicable Laws and Regulations, Applicable Reliability Standards, and Good Utility Practice, and 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 JAGITS for its compliance therewith.

4.4 **No Transmission Delivery Service.** The execution of this JAGITS does not constitute a request for, nor the provision of, any transmission delivery service under JEA's Tariff, and does not convey any right to deliver electricity to any specific customer or Point of Delivery.

4.5 **Interconnection Customer Provided Services.** The services provided by
Interconnection Customer under this JAGITS are set forth in Article 9.6 and Article 13.

Article 5.  Interconnection Facilities Engineering, Procurement, and Construction

5.1 Options. Unless otherwise mutually agreed to between the Parties, Interconnection Customer 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 JEA’s Interconnection Facilities and Network Upgrades as set forth in Appendix A, Interconnection Facilities and Network Upgrades, and such dates and selected option shall be set forth in Appendix B, Milestones.

5.1.1 Standard Option. JEA shall design, procure, and construct JEA’s Interconnection Facilities and Network Upgrades, using Reasonable Efforts to complete JEA’s Interconnection Facilities and Network Upgrades by the dates set forth in Appendix B, Milestones. JEA 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 JEA reasonably expects that it will not be able to complete JEA’s Interconnection Facilities and Network Upgrades by the specified dates, JEA shall promptly provide written notice to Interconnection Customer and shall undertake Reasonable Efforts to meet the earliest dates thereafter.

5.1.2 Alternate Option. If the dates designated by Interconnection Customer are acceptable to JEA, JEA shall so notify Interconnection Customer within thirty (30) Calendar Days, and shall assume responsibility for the design, procurement and construction of JEA’s Interconnection Facilities by the designated dates.

5.1.3 Option to Build. If the dates designated by Interconnection Customer are not acceptable to JEA, JEA shall so notify Interconnection Customer within thirty (30) Calendar Days, and unless the Parties agree otherwise, Interconnection Customer shall have the option to assume responsibility for the design, procurement and construction of JEA’s Interconnection Facilities and Stand Alone Network Upgrades on the dates specified in Article 5.1.2. JEA and Interconnection Customer must agree as to what constitutes Stand Alone Network Upgrades and identify such Stand Alone
Network Upgrades in Appendix A. Except for Stand Alone Network Upgrades, Interconnection Customer shall have no right to construct Network Upgrades under this option.

5.1.4 Negotiated Option. If Interconnection Customer elects not to exercise its option under Article 5.1.3, Option to Build, Interconnection Customer shall so notify JEA within thirty (30) Calendar Days, and the Parties shall in good faith attempt to negotiate terms and conditions (including revision of the specified dates, the procurement and construction of a portion of JEA's Interconnection Facilities and Stand Alone Network Upgrades by Interconnection Customer) pursuant to which JEA is responsible for the design, procurement and construction of JEA's Interconnection Facilities and Network Upgrades. If the Parties are unable to reach agreement on such terms and conditions, JEA shall assume responsibility for the design, procurement and construction of JEA's Interconnection Facilities and Network Upgrades pursuant to 5.1.1, Standard Option.

5.2 General Conditions Applicable to Option to Build. If Interconnection Customer assumes responsibility for the design, procurement and construction of JEA's Interconnection Facilities and Stand Alone Network Upgrades,

(1) Interconnection Customer shall engineer, procure equipment, and construct JEA's Interconnection Facilities and Stand Alone Network Upgrades (or portions thereof) using Good Utility Practice and using standards and specifications provided in advance by JEA;

(2) Interconnection Customer's engineering, procurement and construction of JEA's Interconnection Facilities and Stand Alone Network Upgrades shall comply with all requirements of law to which JEA would be subject in the engineering, procurement or construction of JEA's Interconnection Facilities and Stand Alone Network Upgrades;

(3) JEA shall review and approve the engineering design, equipment acceptance tests, and the construction of JEA's Interconnection Facilities and Stand Alone Network Upgrades;

(4) Prior to commencement of construction, Interconnection Customer shall provide to JEA a schedule for construction of JEA's Interconnection Facilities and Stand Alone Network Upgrades, and shall promptly respond to requests for information from JEA;
(5) at any time during construction, JEA shall have the right to gain unrestricted access to JEA's Interconnection Facilities and Stand Alone Network Upgrades and to conduct inspections of the same;

(6) at any time during construction, should any phase of the engineering, equipment procurement, or construction of JEA's Interconnection Facilities and Stand Alone Network Upgrades not meet the standards and specifications provided by JEA, Interconnection Customer shall be obligated to remedy deficiencies in that portion of JEA's Interconnection Facilities and Stand Alone Network Upgrades;

(7) Interconnection Customer shall indemnify JEA for claims arising from Interconnection Customer's construction of JEA's Interconnection Facilities and Stand Alone Network Upgrades under the terms and procedures applicable to Article 18.1 Indemnity;

(8) Interconnection Customer shall transfer control of JEA's Interconnection Facilities and Stand Alone Network Upgrades to JEA;

(9) Unless Parties otherwise agree, Interconnection Customer shall transfer ownership of JEA's Interconnection Facilities and Stand-Alone Network Upgrades to JEA;

(10) JEA shall approve and accept for operation and maintenance JEA's Interconnection Facilities and Stand Alone Network Upgrades to the extent engineered, procured, and constructed in accordance with this Article 5.2; and

(11) Interconnection Customer shall deliver to JEA "as-built" drawings, information, and any other documents that are reasonably required by JEA to assure that the Interconnection Facilities and Stand-Alone Network Upgrades are built to the standards and specifications required by JEA.

5.3 Future.

5.4 Power System Stabilizers. The Interconnection Customer shall procure, install, maintain and operate Power System Stabilizers in accordance with the guidelines and procedures established by the Applicable Reliability Council. JEA reserves the right to reasonably establish minimum acceptable settings for any installed Power System Stabilizers, subject to the design and operating limitations of the Transmission Interconnected Generating Facility. If the Transmission
Interconnected Generating Facility's Power System Stabilizers are removed from service or not capable of automatic operation, Interconnection Customer shall immediately notify JEA's system operator, or its designated representative. The requirements of this paragraph shall not apply to wind generators.

5.5 **Equipment Procurement.** If responsibility for construction of JEA's Interconnection Facilities or Network Upgrades is to be borne by JEA, then JEA shall commence design of JEA's Interconnection Facilities or Network Upgrades and procure necessary equipment as soon as practicable after all of the following conditions are satisfied, unless the Parties otherwise agree in writing:

5.5.1 JEA has completed the Facilities Study pursuant to the Facilities Study Agreement;

5.5.2 JEA has received written authorization to proceed with design and procurement from Interconnection Customer by the date specified in Appendix B, Milestones; and

5.5.3 Interconnection Customer has provided security to JEA in accordance with Article 11.5 by the dates specified in Appendix B, Milestones.

5.6 **Construction Commencement.** JEA shall commence construction of JEA's Interconnection Facilities and Network 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 JEA's Interconnection Facilities and Network Upgrades;

5.6.3 JEA has received written authorization to proceed with construction from Interconnection Customer by the date specified in Appendix B, Milestones; and

5.6.4 Interconnection Customer has provided security to JEA in accordance with Article 11.5 by the dates specified in Appendix B, Milestones.

5.7 **Work Progress.** The Parties will keep each other advised periodically as to the progress of their respective design, procurement and construction efforts. Either
Party may, at any time, request a progress report from the other Party. If, at any
time, Interconnection Customer determines that the completion of JEA's
Interconnection Facilities will not be required until after the specified In-Service
Date, Interconnection Customer will provide written notice to JEA of such later
date upon which the completion of JEA's Interconnection Facilities will be
required.

5.8 **Information Exchange.** As soon as reasonably practicable after the Effective
Date, the Parties shall exchange information regarding the design and
compatibility of the Parties' Interconnection Facilities and compatibility of the
Interconnection Facilities with JEA's Transmission System, and shall work
diligently and in good faith to make any necessary design changes.

5.9 **Limited Operation.** If any of JEA's Interconnection Facilities or Network
Upgrades are not reasonably expected to be completed prior to the Commercial
Operation Date of the Transmission Interconnected Generating Facility, JEA shall,
upon the request and at the expense of Interconnection Customer, perform
operating studies on a timely basis to determine the extent to which the
Transmission Interconnected Generating Facility and Interconnection Customer's
Interconnection Facilities may operate prior to the completion of JEA's
Interconnection Facilities or Network Upgrades consistent with Applicable Laws
and Regulations, Applicable Reliability Standards, Good Utility Practice, and this
JAGITS. JEA shall permit Interconnection Customer to operate the Transmission
Interconnected Generating Facility and Interconnection Customer's
Interconnection Facilities in accordance with the results of such studies.

5.10 **Interconnection Customer's Interconnection Facilities ('ICIF').**
Interconnection Customer shall, at its expense, design, procure, construct, own and
install the ICIF, as set forth in Appendix A, Interconnection Facilities, Network
Upgrades and Distribution Upgrades.

5.10.1 **Interconnection Customer's Interconnection Facility
Specifications.** Interconnection Customer shall submit initial
specifications for the ICIF, including System Protection Facilities, to
JEA 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. JEA shall review such specifications to
ensure that the ICIF are compatible with the technical specifications,
operational control, and safety requirements of JEA and comment on
such specifications within thirty (30) Calendar Days of
Interconnection Customer's submission. All specifications provided hereunder shall be marked as confidential.

5.10.2  **JEA's Review.** JEA's review of Interconnection Customer's final specifications shall not be construed as confirming, endorsing, or providing a warranty as to the design, fitness, safety, durability or reliability of the Transmission Interconnected Generating Facility, or the ICIF. Interconnection Customer shall make such changes to the ICIF as may reasonably be required by JEA, in accordance with Good Utility Practice, to ensure that the ICIF are compatible with the technical specifications, operational control, NERC Reliability Standards, Florida Reliability Coordinating Council requirements, and safety requirements of JEA.

5.10.3  **ICIF Construction.** The ICIF 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 Parties agree on another mutually acceptable deadline, Interconnection Customer shall deliver to JEA "as-built" drawings, information and documents for the ICIF, such as: a one-line diagram, a site plan showing the Transmission Interconnected Generating Facility and the ICIF, plan and elevation drawings showing the layout of the ICIF, a relay functional diagram, relaying AC and DC schematic wiring diagrams and relay settings for all facilities associated with Interconnection Customer's step-up transformers, the facilities connecting the Transmission Interconnected Generating Facility to the step-up transformers and the ICIF, and the impedances (determined by factory tests) for the associated step-up transformers and the Transmission Interconnected Generating Facility. The Interconnection Customer shall provide JEA specifications for the excitation system, automatic voltage regulator, Transmission Interconnected Generating Facility control and protection settings, transformer tap settings, various testing data as required by NERC Reliability Standards, PSSE models, and communications, if applicable.

5.11  **JEA's Interconnection Facilities Construction.** JEA's Interconnection 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 Parties agree on another mutually acceptable deadline, JEA shall deliver to Interconnection Customer the following "as-built" drawings,
information and documents for JEA's Interconnection Facilities [include appropriate drawings and relay diagrams].

JEA will obtain control of JEA's Interconnection Facilities and Stand Alone Network Upgrades upon completion of such facilities.

5.12 **Access Rights.** Upon reasonable notice and supervision by a Party, and subject to any required or necessary regulatory approvals, a Party ("Granting Party") shall furnish at no cost to the other Party ("Access Party") 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 to construct, operate, maintain, repair, test (or witness testing), inspect, replace or remove facilities and equipment to: (i) interconnect the Transmission Interconnected Generating Facility with the Transmission System; (ii) operate and maintain the Transmission Interconnected Generating Facility, the Interconnection Facilities and the Transmission System; and (iii) disconnect or remove the Access Party's facilities and equipment upon termination of this JAGITS. 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.

5.13 **Lands of Other Property Owners.** If any part of JEA or Transmission Owner's Interconnection Facilities and/or Network Upgrades is to be installed on property owned by persons other than Interconnection Customer or JEA or Transmission Owner, JEA or Transmission Owner shall at Interconnection Customer's expense use efforts, similar in nature and extent to those that it typically undertakes on its own behalf or on behalf of its Affiliates, 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 JEA or Transmission Owner's Interconnection Facilities and/or Network Upgrades upon such property.

5.14 **Permits.** JEA or Transmission Owner and Interconnection Customer 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, JEA or Transmission Owner shall provide permitting assistance to Interconnection Customer comparable to that provided to JEA's own, or an Affiliate's generation.
5.15 **Early Construction of Base Case Facilities.** Interconnection Customer may request JEA to construct, and JEA shall construct, using Reasonable Efforts to accommodate Interconnection Customer's In-Service Date, all or any portion of any Network Upgrades required for Interconnection Customer to be interconnected to the Transmission System which are included in the Base Case of the Facilities Study for Interconnection Customer, and which also are required to be constructed for another Interconnection Customer, but where such construction is not scheduled to be completed in time to achieve Interconnection Customer's In-Service Date.

5.16 **Suspension.** Interconnection Customer reserves the right, upon written notice to JEA, to suspend at any time all work by JEA associated with the construction and installation of JEA's Interconnection Facilities and/or Network Upgrades required under this JAGITS with the condition that Transmission System shall be left in a safe and reliable condition in accordance with Good Utility Practice and JEA's safety and reliability criteria. In such event, Interconnection Customer shall be responsible for all reasonable and necessary costs which JEA (i) has incurred pursuant to this JAGITS 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 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 JEA cannot reasonably avoid; provided, however, that prior to canceling or suspending any such material, equipment or labor contract, JEA shall obtain Interconnection Customer's authorization to do so.

JEA shall invoice Interconnection Customer for such costs pursuant to Article 12 and shall use due diligence to minimize its costs. In the event Interconnection Customer suspends work by JEA required under this JAGITS pursuant to this Article 5.16, and has not requested JEA to recommence the work required under this JAGITS on or before the expiration of three (3) years following commencement of such suspension, this JAGITS 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 JEA, if no effective date is specified.

5.17 **Taxes.**

5.17.1 **Federal Income Tax.** JEA is a local municipally owned utility that is not subject to Federal Income Tax.
5.17.2 **Florida Sales Tax.** Interconnection customer shall pay any Sales Tax assessed against JEA resulting from a Florida Department of Revenue Sales/Use Tax audit. This would include any Sales Tax that JEA would self-accrue on the direct purchase of materials for any project related Network upgrades and any inventory items that would be used on the job that involves the transmission, distribution, or voltage regulation equipment.

5.18 **Tax Status.** Nothing in this Agreement shall be construed to affect the tax status of a JEA as a municipal entity under applicable tax law and regulations. Interconnection Customer shall cooperate with JEA and take all actions as may be recommended so as not to adversely affect JEA’s tax-exempt status.

5.19 **Modification.**

5.19.1 **General.** Either Party may undertake modifications to its facilities. If a Party 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 sufficient information regarding such modification so that the other Party may evaluate the potential impact of such modification prior to commencement of the work. Such information shall be deemed to be confidential 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 Transmission Interconnected Generating Facility. The Party desiring to perform such work shall provide the relevant drawings, plans, and specifications to the other Party 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 Transmission Interconnected Generating Facility modifications that do not require Interconnection Customer to submit an Interconnection Request, JEA shall provide, within thirty (30) Calendar Days (or such other time as the Parties may agree), an estimate of any additional modifications to the Transmission System, JEA’s Interconnection Facilities or Network Upgrades necessitated by such Interconnection Customer modification and a good faith estimate of the costs thereof.
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 JAGITS and Good Utility Practice.

5.19.3 **Modification Costs.** Interconnection Customer shall not be directly assigned for the costs of any additions, modifications, or replacements that JEA makes to JEA's Interconnection Facilities or the Transmission System to facilitate the interconnection of a third party to JEA's Interconnection Facilities or the Transmission System, or to provide transmission service to a third party under JEA's Tariff. Interconnection Customer shall be responsible for the costs of any additions, modifications, or replacements to Interconnection Customer's Interconnection Facilities that may be necessary to maintain or upgrade such Interconnection Customer's Interconnection 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, JEA shall test JEA's Interconnection Facilities and Network Upgrades and Interconnection Customer shall test the Transmission Interconnected Generating Facility and Interconnection Customer's Interconnection Facilities to ensure their safe and reliable operation. Similar testing may be required after initial operation. Each Party shall make any modifications to its facilities that are found to be necessary as a result of such testing. Interconnection Customer shall bear the cost of all such testing and modifications. Interconnection Customer shall generate test energy at the Transmission Interconnected Generating Facility only if it has arranged for the delivery of such test energy.

6.2 **Post-Commercial Operation Date Testing and Modifications.** Each Party shall at its own expense perform routine inspection and testing of its facilities and equipment in accordance with Good Utility Practice as may be necessary to ensure the continued interconnection of the Transmission Interconnected Generating Facility with the Transmission System in a safe and reliable manner. Each Party shall 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.** Each Party shall notify the other Party in advance of its performance of tests of its Interconnection Facilities. The other Party has the right, at its own expense, to observe such testing.

6.4 **Right to Inspect.** Each Party shall 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 Interconnection Facilities, the System Protection Facilities and other protective equipment. 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 Interconnection 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 deemed to be Confidential Information and treated pursuant to Article 22 of this JAGITS.

**Article 7. Metering**

7.1 **General.** Each Party shall comply with the Applicable Reliability Council requirements. Unless otherwise agreed by the Parties, JEA shall install Metering Equipment at the Point of Interconnection prior to any operation of the Transmission Interconnected Generating Facility and shall own, operate, test and maintain such Metering Equipment. Power flows to and from the Transmission Interconnected Generating Facility shall be measured at or, at JEA's option, compensated to, the Point of Interconnection. JEA shall provide metering quantities, in analog and/or digital form, to Interconnection Customer upon request. Interconnection Customer shall bear all reasonable documented costs associated with the purchase, installation, operation, testing and maintenance of the Metering Equipment.

7.2 **Check Meters.** Interconnection Customer, 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 JEA'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 JAGITS, except as provided in Article 7.4 below. The check
meters shall be subject at all reasonable times to inspection and examination by JEA or its designee. The installation, operation and maintenance thereof shall be performed entirely by Interconnection Customer in accordance with Good Utility Practice.

7.3 **Standards.** JEA shall install, calibrate, and test revenue quality Metering Equipment in accordance with applicable ANSI standards.

7.4 **Testing of Metering Equipment.** JEA shall inspect and test all JEA-owned Metering Equipment upon installation and at least once every two (2) years thereafter. If requested to do so by Interconnection Customer, JEA shall, at Interconnection Customer's expense, inspect or test Metering Equipment more frequently than every two (2) years. JEA shall give reasonable notice of the time when any inspection or test shall take place, and Interconnection Customer 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 Interconnection Customer's expense, in order to provide accurate metering, unless the inaccuracy or defect is due to JEA's failure to maintain, then JEA 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, JEA shall adjust the measurements by correcting all measurements for the period during which Metering Equipment was in error by using Interconnection Customer'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.

7.5 **Metering Data.** At Interconnection Customer's expense, the metered data shall be telemetered to one or more locations designated by JEA and one or more locations designated by Interconnection Customer. Such telemetered data shall be used, under normal operating conditions, as the official measurement of the amount of energy delivered from the Transmission Interconnected Generating Facility to the Point of Interconnection.

**Article 8. Communications**

8.1 **Interconnection Customer Obligations.** Interconnection Customer shall maintain satisfactory operating communications with JEA's Transmission System dispatcher or representative designated by JEA. Interconnection Customer shall
provide standard voice line, dedicated voice line and facsimile communications at its Transmission Interconnected 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. Interconnection Customer shall also provide the dedicated data circuit(s) necessary to provide Interconnection Customer data to JEA as set forth in Appendix D, Security Arrangements Details. The data circuit(s) shall extend from the Transmission Interconnected Generating Facility to the location(s) specified by JEA. Any required maintenance of such communications equipment shall be performed by Interconnection Customer. 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 Transmission Interconnected Generating Facility, a Remote Terminal Unit, or equivalent data collection and transfer equipment acceptable to the Parties, shall be installed by Interconnection Customer, or by JEA at Interconnection Customer's expense, to gather accumulated and instantaneous data to be telemetered to the location(s) designated by JEA 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 JEA. Instantaneous bi-directional analog real power and reactive power flow information must be telemetered directly to the location(s) specified by JEA.

Each Party will promptly advise the 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 the 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 Parties.

8.4. **Provision of Data from a Variable Energy Resource.** The Interconnection Customer whose Generating Facility is a Variable Energy Resource shall provide meteorological and forced outage data to JEA to the extent necessary for JEA’s development and deployment of power production forecasts for that class of Variable Energy Resources. The Interconnection Customer with a Variable Energy Resource having wind as the energy source, at a minimum, will be
required to provide JEA with site-specific meteorological data including: temperature, wind speed, wind direction, and atmospheric pressure. The Interconnection Customer with a Variable Energy Resource having solar as the energy source, at a minimum, will be required to provide JEA with site-specific meteorological data including: temperature, atmospheric pressure, and irradiance. JEA and Interconnection Customer whose Generating Facility is a Variable Energy Resource shall mutually agree to any additional meteorological data that are required for the development and deployment of a power production forecast. The Interconnection Customer whose Generating Facility is a Variable Energy Resource also shall submit data to JEA regarding all forced outages to the extent necessary for JEA’s development and deployment of power production forecasts for that class of Variable Energy Resources. The exact specifications of the meteorological and forced outage data to be provided by the Interconnection Customer to JEA, including the frequency and timing of data submittals, shall be made taking into account the size and configuration of the Variable Energy Resource, its characteristics, location, and its importance in maintaining generation resource adequacy and transmission system reliability in its area. All requirements for meteorological and forced outage data must be commensurate with the power production forecasting employed by JEA. Such requirements for meteorological and forced outage data are set forth in Appendix C, Interconnection Details, of this JAGITS, as they may change from time to time.

Article 9. Operations

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

9.2 Control Area Notification. At least three months before Initial Synchronization Date, Interconnection Customer shall notify JEA in writing of the Control Area in which the Transmission Interconnected Generating Facility will be located. If Interconnection Customer elects to locate the Transmission Interconnected Generating Facility in a Control Area other than the Control Area in which the Transmission Interconnected Generating Facility is physically located, and if permitted to do so by the relevant transmission tariffs, all necessary arrangements, including but not limited to those set forth in Article 7 and Article 8 of this JAGITS, and remote Control Area generator interchange agreements, if applicable, and the appropriate measures under such agreements, shall be executed and implemented prior to the placement of the Transmission Interconnected Generating Facility in the other Control Area.
9.3 **JEA Obligations.** JEA shall cause the Transmission System and JEA’s Interconnection Facilities to be operated, maintained and controlled in a safe and reliable manner and in accordance with this JAGITS. JEA may provide operating instructions to Interconnection Customer consistent with this JAGITS and JEA’s operating protocols and procedures as they may change from time to time. JEA will consider changes to its operating protocols and procedures proposed by Interconnection Customer.

9.4 **Interconnection Customer Obligations.** Interconnection Customer shall at its own expense operate, maintain and control the Transmission Interconnected Generating Facility and Interconnection Customer's Interconnection Facilities in a safe and reliable manner and in accordance with this JAGITS. Interconnection Customer shall operate the Transmission Interconnected Generating Facility and Interconnection Customer's Interconnection Facilities in accordance with all applicable requirements of the Control Area of which it is part, as such requirements are set forth in Appendix C, Interconnection Details, of this JAGITS. Appendix C, Interconnection Details, will be modified to reflect changes to the requirements as they may change from time to time. Either Party may request that the other Party provide copies of the requirements set forth in Appendix C, Interconnection Details, of this JAGITS.

9.5 **Start-Up and Synchronization.** Consistent with the Parties' mutually acceptable procedures, Interconnection Customer is responsible for the proper synchronization of the Transmission Interconnected Generating Facility to JEA's Transmission System.

9.6 **Reactive Power and Primary Frequency Response.**

9.6.1 **Power Factor Design Criteria.**

9.6.1.1 **Synchronous Generation.** Interconnection Customer shall design the Transmission Interconnected Generating Facility to maintain a 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 JEA has established different requirements that apply to all synchronous generators in the Control Area on a comparable basis. The Generating Facility shall be capable of continuous dynamic operation throughout the power factor design range as measured at the Point of Interconnection. Such operation
shall account for the net effect of all energy production devices on the Interconnection Customer’s side of the Point of Interconnection.

9.6.1.2 Non-Synchronous Generation. Interconnection Customer shall design the Transmission Interconnected Generating Facility to maintain a composite power delivery at continuous rated power output as measured at the high-side of the generator substation or Point of Interconnection at all power factors over 0.95 leading to 0.95 lagging, unless JEA has established a different power factor range that applies to all non-synchronous generators in the Control Area on a comparable basis. 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 interconnecting non-synchronous generators that have not yet executed a Facilities Study Agreement as of the effective date of the Final Rule establishing this requirement (Order No. 827).

9.6.2 Voltage Schedules. Once Interconnection Customer has synchronized the Transmission Interconnected Generating Facility with the Transmission System, JEA shall require Interconnection Customer to operate the Transmission Interconnected Generating Facility to produce or absorb reactive power within the design limitations of the Transmission Interconnected Generating Facility set forth in Article 9.6.1 (Power Factor Design Criteria) to maintain the output voltage or power factor at the Point of Interconnection as specified by JEA. JEA's voltage schedules shall treat all sources of reactive power in the Control Area in an equitable and not unduly discriminatory manner. JEA shall exercise Reasonable Efforts to provide Interconnection Customer with such schedules at least one (1) calendar day in advance, and may make changes to such schedules as necessary to maintain the reliability of the Transmission System. Interconnection Customer shall operate the Transmission Interconnected Generating Facility to maintain the specified output voltage or power factor at the Point of Interconnection within the design limitations of the Transmission Interconnected Generating Facility set forth in Article 9.6.1 (Power Factor Design Criteria). If Interconnection Customer is unable to
maintain the specified voltage or power factor, it shall promptly notify the System Operator.

9.6.2.1 **Voltage Regulators.** Whenever the Transmission Interconnected Generating Facility is operated in parallel with the Transmission System and voltage regulators are capable of operation, Interconnection Customer shall operate the Transmission Interconnected Generating Facility with its voltage regulators in automatic operation. If the Transmission Interconnected Generating Facility's voltage regulators are not capable of such automatic operation, Interconnection Customer shall immediately notify JEA’s system operator, or its designated representative, and ensure that such Transmission Interconnected Generating Facility's reactive power production or absorption (measured in MVARs) are within the design capability of the Transmission Interconnected Generating Facility's generating unit(s) and steady state stability limits. Interconnection Customer shall not cause its Transmission Interconnected Generating Facility to disconnect automatically or instantaneously from the Transmission System or trip any generating unit comprising the Transmission Interconnected 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 Control Area on a comparable basis.

9.6.3 **Payment for Reactive Power.** JEA is not required to pay Interconnection Customer for reactive power that Interconnection Customer provides or absorbs from the Transmission Interconnected Generating Facility when JEA requests Interconnection Customer to operate its Transmission Interconnected Generating Facility outside the range specified in Article 9.6.1, provided that if JEA specifically pays its own or affiliated generators for reactive power service within the specified range, it must also pay Interconnection Customer. Payments shall be pursuant to Article 11.6 or such other agreement to which the Parties have otherwise agreed.

9.6.4 **Primary Frequency Response.** Interconnection Customer shall ensure the primary frequency response capability of its Transmission Interconnected Generating Facility by installing, maintaining, and operating a functioning
governor or equivalent controls. The term “functioning governor or equivalent controls” as used herein shall mean the required hardware and/or software that provides frequency responsive real power control with the ability to sense changes in system frequency and autonomously adjust the Transmission Interconnected Generating Facility’s real power output in accordance with the droop and deadband parameters and in the direction needed to correct frequency deviations. Interconnection Customer is required to install a governor or equivalent controls with the capability of operating: (1) with a maximum 5 percent droop and ±0.036 Hz deadband; or (2) in accordance with the relevant droop, deadband, and timely and sustained response settings from an approved NERC Reliability Standard providing for equivalent or more stringent parameters. The droop characteristic shall be: (1) based on the nameplate capacity of the Transmission Interconnected Generating Facility, and shall be linear in the range of frequencies between 59 to 61 Hz that are outside of the deadband parameter; or (2) based an approved NERC Reliability Standard providing for an equivalent or more stringent parameter. The deadband parameter shall be: the range of frequencies above and below nominal (60 Hz) in which the governor or equivalent controls is not expected to adjust the Transmission Interconnected Generating Facility’s real power output in response to frequency deviations. The deadband shall be implemented: (1) without a step to the droop curve, that is, once the frequency deviation exceeds the deadband parameter, the expected change in the Transmission Interconnected Generating Facility’s real power output in response to frequency deviations shall start from zero and then increase (for under-frequency deviations) or decrease (for over-frequency deviations) linearly in proportion to the magnitude of the frequency deviation; or (2) in accordance with an approved NERC Reliability Standard providing for an equivalent or more stringent parameter. Interconnection Customer shall notify JEA that the primary frequency response capability of the Transmission Interconnected Generating Facility has been tested and confirmed during commissioning. Once Interconnection Customer has synchronized the Transmission Interconnected Generating Facility with the Transmission System, Interconnection Customer shall operate the Transmission Interconnected Generating Facility consistent with the provisions specified in Sections 9.6.4.1 and 9.6.4.2 of this Agreement. The primary frequency response requirements contained herein shall apply to both synchronous and non-synchronous Transmission Interconnected Generating Facilities.
9.6.4.1 Governor or Equivalent Controls. Whenever the Transmission Interconnected Generating Facility is operated in parallel with the Transmission System, Interconnection Customer shall operate the Transmission Interconnected Generating Facility with its governor or equivalent controls in service and responsive to frequency. Interconnection Customer shall: (1) in coordination with JEA and/or the relevant balancing authority, set the deadband parameter to: (1) a maximum of ±0.036 Hz and set the droop parameter to a maximum of 5 percent; or (2) implement the relevant droop and deadband settings from an approved NERC Reliability Standard that provides for equivalent or more stringent parameters. Interconnection Customer shall be required to provide the status and settings of the governor or equivalent controls to JEA and/or the relevant balancing authority upon request. If Interconnection Customer needs to operate the Transmission Interconnected Generating Facility with its governor or equivalent controls not in service, Interconnection Customer shall immediately notify JEA and the relevant balancing authority, and provide both with the following information: (1) the operating status of the governor or equivalent controls (i.e., whether it is currently out of service or when it will be taken out of service); (2) the reasons for removing the governor or equivalent controls from service; and (3) a reasonable estimate of when the governor or equivalent controls will be returned to service. Interconnection Customer shall make Reasonable Efforts to return its governor or equivalent controls into service as soon as practicable. Interconnection Customer shall make Reasonable Efforts to keep outages of the Transmission Interconnected Generating Facility’s governor or equivalent controls to a minimum whenever the Transmission Interconnected Generating Facility is operated in parallel with the Transmission System.

9.6.4.2 Timely and Sustained Response. Interconnection Customer shall ensure that the Transmission Interconnected Generating Facility’s real power response to sustained frequency deviations outside of the deadband setting is automatically provided shall begin immediately after frequency deviates outside of the deadband, and to the extent the Transmission Interconnected Generating Facility has operating capability in
the direction needed to correct the frequency deviation. Interconnection Customer shall not block or otherwise inhibit the ability of the governor or equivalent controls to respond and shall ensure that the response is not inhibited, except under certain operational constraints including, but not limited to, ambient temperature limitations, physical energy limitations, outages of mechanical equipment, or regulatory requirements. The Transmission Interconnected Generating Facility shall sustain the real power response at least until system frequency returns to a value within the deadband setting of the governor or equivalent controls. A Commission-approved Reliability Standard with equivalent or more stringent requirements shall supersede the above requirements.

9.6.4.3 Exemptions. Transmission Interconnected Generating Facilities that are regulated by the United States Nuclear Regulatory Commission shall be exempt from Sections 9.6.4, 9.6.4.1, and 9.6.4.2 of this Agreement. Transmission Interconnected Generating Facilities that are behind the meter generation that is sized-to-load (i.e., the thermal load and the generation are near-balanced in real-time operation and the generation is primarily controlled to maintain the unique thermal, chemical, or mechanical output necessary for the operating requirements of its host facility) shall be required to install primary frequency response capability in accordance with the droop and deadband capability requirements specified in Section 9.6.4, but shall be otherwise exempt from the operating requirements in Sections 9.6.4, 9.6.4.1, 9.6.4.2, and 9.6.4.4 of this Agreement.

9.6.4.4 Electric Storage Resources. Interconnection Customer interconnecting an electric storage resource shall establish an operating range in Appendix C of its JAGITS that specifies a minimum state of charge and a maximum state of charge between which the electric storage resource will be required to provide primary frequency response consistent with the conditions set forth in Sections 9.6.4, 9.6.4.1, 9.6.4.2 and 9.6.4.3 of this Agreement. Appendix C shall specify whether the operating range is static or dynamic, and shall consider (1) the expected magnitude of frequency deviations in the
interconnection; (2) the expected duration that system frequency will remain outside of the deadband parameter in the interconnection; (3) the expected incidence of frequency deviations outside of the deadband parameter in the interconnection; (4) the physical capabilities of the electric storage resource; (5) operational limitations of the electric storage resource due to manufacturer specifications; and (6) any other relevant factors agreed to by JEA and Interconnection Customer, and in consultation with the relevant transmission owner or balancing authority as appropriate. If the operating range is dynamic, then Appendix C must establish how frequently the operating range will be reevaluated and the factors that may be considered during its reevaluation.

Interconnection Customer’s electric storage resource is required to provide timely and sustained primary frequency response consistent with Section 9.6.4.2 of this Agreement when it is online and dispatched to inject electricity to the Transmission System and/or receive electricity from the Transmission System. This excludes circumstances when the electric storage resource is not dispatched to inject electricity to the Transmission System and/or dispatched to receive electricity from the Transmission System. If Interconnection Customer’s electric storage resource is charging at the time of a frequency deviation outside of its deadband parameter, it is to increase (for over-frequency deviations) or decrease (for under-frequency deviations) the rate at which it is charging in accordance with its droop parameter. Interconnection Customer’s electric storage resource is not required to change from charging to discharging, or vice versa, unless the response necessitated by the droop and deadband settings requires it to do so and it is technically capable of making such a transition.

9.7 Outages and Interruptions.

9.7.1 Outages.

9.7.1.1 Outage Authority and Coordination. Each Party may in accordance with Good Utility Practice in coordination with
the other Party remove from service any of its respective Interconnection Facilities or Network 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 Condition, 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 the Parties. In all circumstances, any Party planning to remove such facility(ies) from service shall use Reasonable Efforts to minimize the effect on the other Party of such removal.

9.7.1.2 Outage Schedules. JEA shall post scheduled outages of its transmission facilities on the OASIS. Interconnection Customer shall submit its planned maintenance schedules for the Transmission Interconnected Generating Facility to JEA for a minimum of a rolling twenty-four month period. Interconnection Customer shall update its planned maintenance schedules as necessary. JEA may request Interconnection Customer to reschedule its maintenance as necessary to maintain the reliability of the Transmission System; provided, however, adequacy of generation supply shall not be a criterion in determining Transmission System reliability. JEA shall compensate Interconnection Customer for any additional direct costs that Interconnection Customer incurs as a result of having to reschedule maintenance, including any additional overtime, breaking of maintenance contracts or other costs above and beyond the cost Interconnection Customer would have incurred absent JEA's request to reschedule maintenance. Interconnection Customer will not be eligible to receive compensation, if during the twelve (12) months prior to the date of the scheduled maintenance, Interconnection Customer had modified its schedule of maintenance activities.

9.7.1.3 Outage Restoration. If an outage on a Party's Interconnection Facilities or Network Upgrades adversely affects the other Party's operations or facilities, the Party that owns or controls 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 or controls the facility that is out of service shall provide the other Party, to the extent such information is known, information on the nature of the Emergency Condition, 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.

9.7.2 **Interruption of Service.** If required by Good Utility Practice to do so, JEA may require Interconnection Customer to interrupt or reduce deliveries of electricity if such delivery of electricity could adversely affect JEA's ability to perform such activities as are necessary to safely and reliably operate and maintain the Transmission System. The following provisions shall apply to any interruption or reduction permitted under this Article 9.7.2:

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

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

9.7.2.3 When the interruption or reduction must be made under circumstances which do not allow for advance notice, JEA shall notify Interconnection Customer 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;

9.7.2.4 Except during the existence of an Emergency Condition, when the interruption or reduction can be scheduled without advance notice, JEA shall notify Interconnection Customer in advance regarding the timing of such scheduling and further notify Interconnection Customer of the expected duration. JEA shall coordinate with Interconnection Customer using Good Utility Practice to schedule the interruption or reduction during periods of least impact to Interconnection Customer and JEA;
9.7.2.5 The Parties shall cooperate and coordinate with each other to the extent necessary in order to restore the Transmission Interconnected Generating Facility, Interconnection Facilities, and the Transmission System to their normal operating state, consistent with system conditions and Good Utility Practice.

9.7.3 **Under-Frequency and Over Frequency Conditions.** The Transmission System is designed to automatically activate a load-shed program as required by the Applicable Reliability Council in the event of an under-frequency system disturbance. Interconnection Customer shall implement under-frequency and over-frequency relay set points for the Transmission Interconnected Generating Facility as required by the Applicable Reliability Council to ensure "ride through" capability of the Transmission System. Transmission Interconnected Generating Facility response to frequency deviations of pre-determined magnitudes, both under-frequency and over-frequency deviations, shall be studied and coordinated with JEA 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 Transmission System during system disturbances within a range of under-frequency and over-frequency conditions, in accordance with Good Utility Practice.

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

9.7.4.1 **System Protection Facilities.** Interconnection Customer shall, at its expense, install, operate and maintain System Protection Facilities as a part of the Transmission Interconnected Generating Facility or Interconnection Customer's Interconnection Facilities. JEA shall install at Interconnection Customer's expense any System Protection Facilities that may be required on JEA's Interconnection Facilities or the Transmission System as a result of the interconnection of the Transmission Interconnected Generating Facility and Interconnection Customer's Interconnection Facilities.

9.7.4.2 Each Party's protection facilities shall be designed and coordinated with other systems in accordance with Good Utility Practice.
9.7.4.3 Each Party shall be responsible for protection of its facilities consistent with Good Utility Practice.

9.7.4.4 Each Party's protective relay design shall incorporate the necessary test switches to perform the tests required in Article 6. 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 Interconnection Customer's units.

9.7.4.5 Each Party will test, operate and maintain System Protection Facilities in accordance with Good Utility Practice.

9.7.4.6 Prior to the In-Service Date, and again prior to the Commercial Operation Date, each Party or its agent 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, each Party shall 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.

9.7.5 Requirements for Protection. In compliance with Good Utility Practice, Interconnection Customer shall provide, install, own, and maintain relays, circuit breakers and all other devices necessary to remove any fault contribution of the Transmission Interconnected Generating Facility to any short circuit occurring on the Transmission System not otherwise isolated by JEA's equipment, such that the removal of the fault contribution shall be coordinated with the protective requirements of the Transmission System. Such protective equipment shall include, without limitation, a disconnecting device or switch with load-interrupting capability located between the Transmission Interconnected Generating Facility and the Transmission System at a site selected upon mutual agreement (not to be unreasonably withheld, conditioned or delayed) of the Parties. Interconnection Customer shall be responsible for protection of the Transmission Interconnected Generating Facility and Interconnection Customer'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. Interconnection Customer shall be solely responsible to disconnect the Transmission Interconnected Generating Facility and Interconnection Customer's other equipment if conditions on the Transmission System could adversely affect the Transmission Interconnected Generating Facility.

9.7.6 **Power Quality.** Neither Party's facilities 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.

9.8 **Switching and Tagging Rules.** Each Party shall 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 non-discriminatory 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.

9.9 **Use of Interconnection Facilities by Third Parties.**

9.9.1 **Purpose of Interconnection Facilities.** Except as may be required by Applicable Laws and Regulations, or as otherwise agreed to among the Parties, the Interconnection Facilities shall be constructed for the sole purpose of interconnecting the Transmission Interconnected Generating Facility to the Transmission System and shall be used for no other purpose.

9.9.2 **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 JEA's Interconnection Facilities, or any part thereof, Interconnection Customer will be entitled to compensation for the capital expenses it incurred in connection with the Interconnection Facilities based upon the pro rata use of the Interconnection Facilities by JEA, all third party users, and Interconnection Customer, 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 Interconnection Facilities, will be allocated between Interconnection Customer and any third party users based upon the pro rata use of the Interconnection Facilities by JEA, all third party users, and Interconnection Customer, in accordance with Applicable Laws and Regulations or upon some other mutually agreed upon methodology.

9.10 **Disturbance Analysis Data Exchange.** The Parties will cooperate with one another in the analysis of disturbances to either the Transmission Interconnected Generating Facility or JEA's Transmission System by gathering and providing access to any information relating to any disturbance, including information from oscillography, Phasor Measurement Unit or similar device, protective relay targets, breaker operations and sequence of events records, and any disturbance information required by Good Utility Practice.

**Article 10. Maintenance**

10.1 **JEA Obligations.** JEA shall maintain the Transmission System and JEA's Interconnection Facilities in a safe and reliable manner and in accordance with this JAGITS.

10.2 **Interconnection Customer Obligations.** Interconnection Customer shall maintain the Transmission Interconnected Generating Facility and Interconnection Customer's Interconnection Facilities in a safe and reliable manner and in accordance with this JAGITS.

10.3 **Coordination.** The Parties shall confer regularly to coordinate the planning, scheduling and performance of preventive and corrective maintenance on the Transmission Interconnected Generating Facility and the Interconnection Facilities.

10.4 **Secondary Systems.** Each Party shall 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 a Party's facilities and equipment which may reasonably be expected to impact the other Party. Each Party shall provide advance notice to the other Party 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, Interconnection Customer shall be responsible for all reasonable expenses including overheads, associated with: (1) owning, operating, maintaining, repairing, and replacing Interconnection Customer's Interconnection Facilities; and (2) operation, maintenance, repair and replacement of JEA's Interconnection Facilities.

**Article 11. Performance Obligation**

11.1 **Interconnection Customer Interconnection Facilities.** Interconnection Customer shall design, procure, construct, install, own and/or control Interconnection Customer Interconnection Facilities described in Appendix A, Interconnection Facilities, Network Upgrades and Distribution Upgrades, at its sole expense.

11.2 **JEA's Interconnection Facilities.** JEA or Transmission Owner shall design, procure, construct, install, own and/or control JEA's Interconnection Facilities described in Appendix A, Interconnection Facilities, Network Upgrades and Distribution Upgrades, at the sole expense of the Interconnection Customer.

11.3 **Network Upgrades and Distribution Upgrades.** JEA or Transmission Owner shall design, procure, construct, install, and own the Network Upgrades and Distribution Upgrades described in Appendix A, Interconnection Facilities, Network Upgrades and Distribution Upgrades. The Interconnection Customer shall be responsible for all costs related to Distribution Upgrades. Unless JEA or Transmission Owner elects to fund the capital for the Network Upgrades, they shall be solely funded by Interconnection Customer.

11.4 **Transmission Credits.**

11.4.1 **Repayment of Amounts Advanced for Network Upgrades.** Interconnection Customer shall be entitled to a cash repayment, equal to the total amount paid to JEA and Affected System Operator, if any, for the Network Upgrades, including any tax gross-up or other tax-related payments associated with Network Upgrades, and not refunded to Interconnection Customer pursuant to Article 5.17 or
otherwise, to be paid to Interconnection Customer on a dollar-for-
dollar basis for the non-usage sensitive portion of transmission
charges, as payments are made under JEA's Tariff and Affected
System's Tariff for transmission services with respect to the
Transmission Interconnected Generating Facility. Any repayment
shall include interest 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 of any payment for Network Upgrades through the date on
which the Interconnection Customer receives a repayment of such
payment pursuant to this subparagraph. Interconnection Customer
may assign such repayment rights to any person.

Notwithstanding the foregoing, Interconnection Customer, JEA, and
Affected System Operator may adopt any alternative payment
schedule that is mutually agreeable so long as JEA and Affected
System Operator take one of the following actions no later than five
years from the Commercial Operation Date: (1) return to
Interconnection Customer any amounts advanced for Network
Upgrades not previously repaid, or (2) declare in writing that JEA or
Affected System Operator will continue to provide payments to
Interconnection Customer on a dollar-for-dollar basis for the non-
usage sensitive portion of transmission charges, or develop an
alternative schedule that is mutually agreeable and provides for the
return of all amounts advanced for Network Upgrades not previously
repaid; however, full reimbursement shall not extend beyond twenty
(20) years from the Commercial Operation Date..

If the Transmission Interconnected Generating Facility fails to
achieve commercial operation, but it or another Generating Facility
is later constructed and makes use of the Network Upgrades, JEA
and Affected System Operator shall at that time reimburse
Interconnection Customer for the amounts advanced for the Network
Upgrades. Before any such reimbursement can occur, the
Interconnection Customer, or the entity that ultimately constructs the
Generating Facility, if different, is responsible for identifying the
entity to which reimbursement must be made.

11.4.2 Special Provisions for Affected Systems. Unless JEA provides,
under the JAGITS, for the repayment of amounts advanced to
Affected System Operator for Network Upgrades, Interconnection
Customer and Affected System Operator shall enter into a separate agreement that provides for such repayment. The agreement shall specify the terms governing payments to be made by Interconnection Customer to the Affected System Operator as well as the repayment by the Affected System Operator.

11.4.3 Notwithstanding any other provision of this JAGITS, nothing herein shall be construed as relinquishing or foreclosing any rights, including but not limited to firm transmission rights, capacity rights, transmission congestion rights, that Interconnection Customer, 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 Network Upgrades, including the right to obtain cash reimbursements or transmission credits for transmission service that is not associated with the Transmission Interconnected Generating Facility.

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 JEA's Interconnection Facilities, Network Upgrades, or Distribution Upgrades, Interconnection Customer shall provide JEA, at Interconnection Customer's option, a guarantee, a surety bond, letter of credit or other form of security that is reasonably acceptable to JEA and is consistent with the Uniform Commercial Code of the jurisdiction identified in Article 14.2.1. Such security for payment shall be in an amount sufficient to cover the costs for constructing, procuring and installing the applicable portion of JEA's Interconnection Facilities, Network Upgrades, or Distribution Upgrades and shall be reduced on a dollar-for-dollar basis for payments made to JEA for these purposes.

In addition:

11.5.1 The guarantee must be made by an entity that meets the creditworthiness requirements of JEA, and contain terms and conditions that guarantee payment of any amount that may be due from Interconnection Customer, up to an agreed-to maximum amount.

11.5.2 The letter of credit must be issued by a financial institution reasonably acceptable to JEA and must specify a reasonable expiration date.
11.5.3 The surety bond must be issued by an insurer reasonably acceptable to JEA and must specify a reasonable expiration date.

11.6 **Interconnection Customer Compensation.** If Transmission Provider requests or directs Interconnection Customer to provide a service pursuant to Articles 9.6.3 (Payment for Reactive Power), or 13.5.1 of this JAGITS, Transmission Provider shall not compensate Interconnection Customer.

11.6.1 **Interconnection Customer Compensation for Actions During Emergency Condition.** Transmission Provider shall not compensate Interconnection Customer for its provision of real and reactive power and other Emergency Condition services that Interconnection Customer provides to support the Transmission System during an Emergency Condition in accordance with Article 11.6.

**Article 12. Invoice**

12.1 **General.** Each Party shall 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 Parties may discharge mutual debts and payment obligations due and owing to each other on the same date through netting, in which case all amounts a Party owes to the other Party under this JAGITS, 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 JEA's Interconnection Facilities and the Network Upgrades, JEA shall provide an invoice of the final cost of the construction of JEA's Interconnection Facilities and the Network Upgrades and shall set forth such costs in sufficient detail to enable Interconnection Customer to compare the actual costs with the estimates and to ascertain deviations, if any, from the cost estimates. JEA shall refund to Interconnection Customer any amount by which the actual payment by Interconnection Customer 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. 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 by either Party will not constitute a waiver of any rights or claims either Party may have under this JAGITS.

12.4 **Disputes.** In the event of a billing dispute between JEA and Interconnection Customer, JEA shall continue to provide Interconnection Service under this JAGITS as long as Interconnection Customer: (i) continues to make all payments not in dispute; and (ii) pays to JEA or into an independent escrow account the portion of the invoice in dispute, pending resolution of such dispute. If Interconnection Customer fails to meet these two requirements for continuation of service, then JEA may provide notice to Interconnection Customer 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 CFR § 35.19a(a)(2)(iii).

**Article 13. Emergency Condition**

13.1 **Definition.** "Emergency Condition" shall mean a condition or situation: (i) that in the judgment of the Party making the claim is imminently likely to endanger life or property; or (ii) that, in the case of JEA, is imminently likely (as determined in a non-discriminatory manner) to cause a material adverse effect on the security of, or damage to the Transmission System, JEA's Interconnection Facilities or the Transmission Systems of others to which the Transmission System is directly connected; or (iii) that, in the case of Interconnection Customer, is imminently likely (as determined in a non-discriminatory manner) to cause a material adverse effect on the security of, or damage to, the Transmission Interconnected Generating Facility or Interconnection Customer's Interconnection Facilities' System restoration and black start shall be considered Emergency Conditions; provided, that Interconnection Customer is not obligated by this JAGITS to possess black start capability.

13.2 **Obligations.** Each Party shall comply with the Emergency Condition procedures of the applicable ISO/RTO, NERC, the Applicable Reliability Council, Applicable Laws and Regulations, and any emergency procedures agreed to by the Joint Operating Committee.
13.3 **Notice.** JEA shall notify Interconnection Customer promptly when it becomes aware of an Emergency Condition that affects JEA's Interconnection Facilities or the Transmission System that may reasonably be expected to affect Interconnection Customer's operation of the Transmission Interconnected Generating Facility or Interconnection Customer's Interconnection Facilities. Interconnection Customer shall notify JEA promptly when it becomes aware of an Emergency Condition that affects the Transmission Interconnected Generating Facility or Interconnection Customer's Interconnection Facilities that may reasonably be expected to affect the Transmission System or JEA's Interconnection Facilities. To the extent information is known, the notification shall describe the Emergency Condition, the extent of the damage or deficiency, the expected effect on the operation of Interconnection Customer's or JEA'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.

13.4 **Immediate Action.** Unless, in Interconnection Customer's reasonable judgment, immediate action is required, Interconnection Customer shall obtain the consent of JEA, such consent to not be unreasonably withheld, prior to performing any manual switching operations at the Transmission Interconnected Generating Facility or Interconnection Customer's Interconnection Facilities in response to an Emergency Condition either declared by JEA or otherwise regarding the Transmission System.

13.5 **JEA Authority.**

13.5.1 **General.** JEA may take whatever actions or inactions with regard to the Transmission System or JEA's Interconnection Facilities it deems necessary during an Emergency Condition in order to (i) preserve public health and safety, (ii) preserve the reliability of the Transmission System or JEA's Interconnection Facilities, (iii) limit or prevent damage, and (iv) expedite restoration of service.

JEA shall use Reasonable Efforts to minimize the effect of such actions or inactions on the Transmission Interconnected Generating Facility or Interconnection Customer's Interconnection Facilities. JEA may, on the basis of technical considerations, require the Transmission Interconnected Generating Facility to mitigate an Emergency Condition by taking actions necessary and limited in scope to remedy the Emergency Condition, including, but not
limited to, directing Interconnection Customer to shut-down, start-up, increase or decrease the real or reactive power output of the Transmission Interconnected Generating Facility; implementing a reduction or disconnection pursuant to Article 13.5.2; directing Interconnection Customer to assist with blackstart (if available) or restoration efforts; or altering the outage schedules of the Transmission Interconnected Generating Facility and Interconnection Customer's Interconnection Facilities. Interconnection Customer shall comply with all of JEA's operating instructions concerning Transmission Interconnected Generating Facility real power and reactive power output within the manufacturer's design limitations of the Transmission Interconnected Generating Facility's equipment that is in service and physically available for operation at the time, in compliance with Applicable Laws and Regulations.

13.5.2 **Reduction and Disconnection.** JEA may reduce Interconnection Service or disconnect the Transmission Interconnected Generating Facility or Interconnection Customer's Interconnection Facilities, when such, reduction or disconnection is necessary under Good Utility Practice due to Emergency Conditions. These rights are separate and distinct from any right of curtailment of JEA pursuant to JEA’s Tariff. When JEA can schedule the reduction or disconnection in advance, JEA shall notify Interconnection Customer of the reasons, timing and expected duration of the reduction or disconnection. JEA shall coordinate with Interconnection Customer using Good Utility Practice to schedule the reduction or disconnection during periods of least impact to Interconnection Customer and JEA. 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 Transmission Interconnected Generating Facility, the Interconnection Facilities, and the Transmission System to their normal operating state as soon as practicable consistent with Good Utility Practice.

13.6 **Interconnection Customer Authority.** Consistent with Good Utility Practice and the JAGITS and the JPGITS, Interconnection Customer may take actions or inactions with regard to the Transmission Interconnected Generating Facility or Interconnection Customer's Interconnection Facilities during an Emergency Condition in order to (i) preserve public health and safety, (ii) preserve the
reliability of the Transmission Interconnected Generating Facility or Interconnection Customer's Interconnection Facilities, (iii) limit or prevent damage, and (iv) expedite restoration of service. Interconnection Customer shall use Reasonable Efforts to minimize the effect of such actions or inactions on the Transmission System and JEA's Interconnection Facilities. JEA shall use Reasonable Efforts to assist Interconnection Customer in such actions.

13.7 **Limited Liability.** Neither Party shall be liable to the other for any action it takes in responding to an Emergency Condition so long as such action is made in good faith and is consistent with Good Utility Practice.

**Article 14. Regulatory Requirements and Governing Law**

14.1 **Regulatory Requirements.** Each Party's obligations under this JAGITS 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 JAGITS shall require Interconnection Customer to take any action that could result in its inability to obtain, or its loss of, status or exemption under the Federal Power Act, the Public Utility Holding Company Act of 1935, as amended, or the Public Utility Regulatory Policies Act of 1978.

14.2 **Governing Law.**

14.2.1 The validity, interpretation and performance of this JAGITS and each of its provisions shall be governed by the laws of the state where the Point of Interconnection is located, without regard to its conflicts of law principles.

14.2.2 This JAGITS is subject to all Applicable Laws and Regulations.

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 JAGITS, any notice, demand or request required or permitted to be given by either Party to the other and any instrument required or permitted to be tendered or delivered by either Party in writing to the other 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, Addresses for Delivery of Notices and Billings.

Either Party may change the notice information in this JAGITS 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.

15.3 Alternative Forms of Notice. Any notice or request required or permitted to be given by a Party to the other 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.

15.4 Operations and Maintenance Notice. Each Party shall notify the other Party 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.

Article 16. Force Majeure

16.1 Force Majeure.

16.1.1 Economic hardship is not considered a Force Majeure event.

16.1.2 Neither Party shall be considered to be in Default with respect to any obligation hereunder, (including obligations under Article 4), other than the obligation to pay money when due, if 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 Party 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 Default 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 JAGITS or the result of an act of omission of the other Party. Upon a Breach, the non-breaching Party shall give written notice of such Breach to the breaching Party. Except as provided in Article 17.1.2, the breaching Party shall have thirty (30) Calendar Days from receipt of the Default 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 Default 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, or if a Breach is not capable of being cured within the period provided for herein, the non-breaching Party shall have the right to declare a Default and terminate this JAGITS by written notice at any time until cure occurs, and be relieved of any further obligation hereunder and, whether or not that Party terminates this JAGITS, to recover from the breaching Party all amounts due hereunder, plus all other damages and remedies to which it is entitled at law or in equity. The provisions of this article will survive termination of this JAGITS.
Article 18.  Indemnity, Consequential Damages and Insurance

18.1  Indemnity. The Parties shall at all times indemnify, defend, and hold the other Party harmless from, any and all damages, losses, claims, including claims and actions 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 other Party's action or inactions of its obligations under this JAGITS on behalf of the Indemnifying Party.

18.1.1  Indemnified Person. If an Indemnified Person 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, to assume the defense of such claim, such Indemnified Person 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 Person harmless under this Article 18, the amount owing to the Indemnified Person shall be the amount of such Indemnified Person's actual Loss, net of any insurance or other recovery.

18.1.3  Indemnity Procedures. Promptly after receipt by an Indemnified Person 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 Person 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.

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 Person. If the defendants in any such action include one or more Indemnified Persons and the Indemnifying Party and if the Indemnified Person reasonably concludes that there may be legal defenses available to it and/or
other Indemnified Persons which are different from or additional to those available to the Indemnifying Party, the Indemnified Person 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 Person or Indemnified Persons having such differing or additional legal defenses.

The Indemnified Person 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 Person and its counsel, such action, suit or proceeding involves the potential imposition of criminal liability on the Indemnified Person, or there exists a conflict or adversity of interest between the Indemnified Person and the Indemnifying Party, in such event the Indemnifying Party shall pay the reasonable expenses of the Indemnified Person, 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 Person, which shall not be reasonably withheld, conditioned or delayed.

18.2 Consequential Damages. In no event shall either Party be liable under any provision of this JAGITS 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 the other Party under another agreement will not be considered to be special, indirect, incidental, or consequential damages hereunder.

18.3 Insurance. Each Party shall, at its own expense, maintain in force throughout the period of this JAGITS, the insurance or self-insurance programs listed below:

18.3.1 Employers' Liability and Workers' Compensation Insurance providing statutory benefits in accordance with the laws and regulations of the state in which the Point of Interconnection is
located.

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.

Article 19. Assignment

19.1 Assignment. This JAGITS may be assigned by either Party only with the written consent of the other; provided that either Party may assign this JAGITS without the consent of the other Party 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 JAGITS; and provided further that Interconnection Customer shall have the right to assign this JAGITS, without the consent of JEA, for collateral security purposes to aid in providing financing for the Transmission Interconnected Generating Facility, provided that Interconnection Customer will promptly notify JEA of any such assignment. Any financing arrangement entered into by Interconnection Customer 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 JEA of the date and particulars of any such exercise of assignment right(s), including providing JEA 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 JAGITS 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 JAGITS 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 JAGITS; provided that if Interconnection Customer (or any third party, but only if such third party is not acting at the direction of JEA) 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 Parties' rights and obligations 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. The parties acknowledge that JEA is a body politic and corporate that is subject to Chapter 119, Florida Statutes, and related statutes known as the "Public Records Laws" and that this Agreement is a public record as defined therein. If a request is made to view information Interconnection Customer has clearly segregated and marked as “Confidential” (“Confidential Information”), JEA will notify Interconnection Customer of such request and the date that such records will be released to the requester unless Interconnection Customer obtains a court order enjoining such disclosure. If Interconnection Customer fails to obtain that court order enjoining disclosure, JEA will release the requested information on the date specified. Such release shall be deemed to be made with Interconnection Customer's consent and will not be deemed to be a violation of law, including but not limited to laws concerning trade secrets, copyright or other intellectual property. In the event Interconnection Customer breaches this Agreement, then Interconnection Customer hereby grants JEA a limited license to use the Confidential Information in any reasonable way in order to mitigate JEA's damages.
Article 23. Environmental Releases

23.1 Each Party shall 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 Transmission Interconnected Generating Facility or the Interconnection 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 Requirements

24.1 Information Acquisition. JEA and Interconnection Customer shall submit specific information regarding the electrical characteristics of their respective facilities to each other as described below and in accordance with all current and future Applicable Reliability Standards.

24.2 Information Submission by JEA. The initial information submission by JEA shall occur no later than one hundred eighty (180) Calendar Days prior to Trial Operation and shall include Transmission System information necessary to allow Interconnection Customer to select equipment and meet any system protection and stability requirements, unless otherwise agreed to by the Parties. On a monthly basis JEA shall provide Interconnection Customer a status report on the construction and installation of JEA's Interconnection Facilities and Network 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 Interconnection Customer. The updated information submission by Interconnection Customer, including manufacturer and model information, shall occur no later than one hundred eighty (180) Calendar Days prior to the Trial Operation. Interconnection Customer shall submit a completed copy of the Transmission Interconnected Generating Facility data requirements contained in Appendix 1 to the JPGITS. It shall also include any additional information provided to JEA for the Feasibility and Facilities Study. Information in this submission shall be the most current Transmission
Interconnected Generating Facility design or expected performance data. Information submitted for stability models shall be compatible with JEA standard modeling software such as PSSE and PSCAD. If there is no compatible model, Interconnection Customer will work with a consultant mutually agreed to by the Parties to develop and supply a standard model and associated information.

If Interconnection Customer's data is materially different from what was originally provided to JEA pursuant to the Interconnection Study Agreement between JEA and Interconnection Customer, then JEA will conduct appropriate studies to determine the impact on JEA Transmission System based on the actual data submitted pursuant to this Article 24.3. The Interconnection Customer shall not begin Trial Operation until such studies are completed.

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

Unless otherwise agreed, the test conditions shall include: (1) Transmission Interconnected Generating Facility at synchronous speed; (2) automatic voltage regulator on and in voltage control mode; and (3) a five percent change in Transmission Interconnected Generating Facility terminal voltage initiated by a change in the voltage regulators reference voltage. Interconnection Customer shall provide validated test recordings showing the responses of Transmission Interconnected 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 Transmission Interconnected Generating Facility's terminal or field voltage are acceptable if information necessary to translate these alternate quantities to actual Transmission Interconnected Generating Facility terminal or field voltages is provided. Transmission Interconnected Generating Facility testing shall be conducted and results provided to JEA for each individual generating unit in a station.

Subsequent to the Operation Date, Interconnection Customer shall provide JEA any information changes due to equipment replacement, repair, or adjustment.
JEA shall provide Interconnection Customer any information changes due to equipment replacement, repair or adjustment in the directly connected substation or any adjacent JEA-owned substation that may affect Interconnection Customer's Interconnection Facilities equipment ratings, protection or operating requirements. The Parties 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 (the "disclosing Party") shall make available to the other Party information that is in the possession of the disclosing Party and is necessary in order for the other Party to: (i) verify the costs incurred by the disclosing Party for which the other Party is responsible under this JAGITS; and (ii) carry out its obligations and responsibilities under this JAGITS. The Parties shall not use such information for purposes other than those set forth in this Article 25.1 and to enforce their rights under this JAGITS.

25.2 **Reporting of Non-Force Majeure Events.** Each Party (the "notifying Party") shall notify the other Party when the notifying Party becomes aware of its inability to comply with the provisions of this JAGITS 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 JAGITS.

25.3 **Audit Rights.** Subject to the requirements of confidentiality under Article 22 of this JAGITS, each Party shall have the right, during normal business hours, and upon prior reasonable notice to the other Party, to audit at its own expense the other Party's accounts and records pertaining to either Party's performance or either Party's satisfaction of obligations under this JAGITS. Such audit rights shall include audits of the other Party's costs, calculation of invoiced amounts, JEA's efforts to allocate responsibility for interruption or reduction of generation on the Transmission System, and each Party's actions in an Emergency Condition. 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 each Party's performance and satisfaction of obligations under this JAGITS. Each Party shall keep such accounts and records
for a period equivalent to the audit rights periods described in Article 25.4.

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 JEA's Interconnection Facilities and Network Upgrades shall be subject to audit for a period of twenty-four months following JEA's issuance of a final invoice in accordance with Article 12.2.

25.4.2 Audit Rights Period for All Other Accounts and Records. Accounts and records related to either Party's performance or satisfaction of all obligations under this JAGITS other than those described in Article 25.4.1 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 JAGITS shall prevent a Party from utilizing the services of any subcontractor as it deems appropriate to perform its obligations under this JAGITS; provided, however, that each Party shall require its subcontractors to comply with all applicable terms and conditions of this JAGITS in providing such services.

Article 27. Disputes

27.1 Submission. In the event either Party has a dispute, or asserts a claim, that arises out of or in connection with this JAGITS or its performance, such Party (the "disputing Party") shall provide the other Party with written notice of the dispute
or claim ("Notice of Dispute"). Such dispute or claim 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 Party. In the event the designated representatives are unable to resolve the claim or dispute through unassisted or assisted negotiations within thirty (30) Calendar Days of the other Party's receipt of the Notice of Dispute, such claim or 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 claim or 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 JAGITS.

27.2 **External Arbitration Procedures.** Any arbitration initiated under this JAGITS 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. The two arbitrators so chosen shall within twenty (20) Calendar Days select a third arbitrator to chair the arbitration panel. In either case, the arbitrators 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 FRCC rules; 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 JAGITS and shall have no power to modify or change any provision of this 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.
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 and one half of the cost of the third arbitrator chosen; or (2) one half the cost of the single arbitrator jointly chosen by the Parties.

**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 Transmission Interconnected Generating Facility, Interconnection Facilities and Network 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 JAGITS 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 JAGITS.

28.1.2 **Authority.** Such Party has the right, power and authority to enter into this JAGITS, to become a Party hereto and to perform its obligations hereunder. This JAGITS 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 JAGITS 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 JAGITS 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 JAGITS, and it will provide to any Governmental Authority notice of any actions under this JAGITS that are required by Applicable Laws and Regulations.

Article 29. Joint Operating Committee

29.1 Joint Operating Committee. Except in the case of ISOs and RTOs, JEA shall constitute a Joint Operating Committee to coordinate operating and technical considerations of Interconnection Service. At least six (6) months prior to the expected Initial Synchronization Date, Interconnection Customer and JEA shall each appoint one representative and one alternate to the Joint Operating Committee. Each Interconnection Customer shall notify JEA of its appointment in writing. Such appointments may be changed at any time by similar notice. The Joint Operating Committee shall meet as necessary, but not less than once each calendar year, to carry out the duties set forth herein. The Joint Operating Committee shall hold a meeting at the request of either Party, at a time and place agreed upon by the representatives. The Joint Operating Committee shall perform all of its duties consistent with the provisions of this JAGITS. Each Party shall cooperate in providing to the Joint Operating Committee all information required in the performance of the Joint Operating Committee's duties. All decisions and agreements, if any, made by the Joint Operating Committee, shall be evidenced in writing. The duties of the Joint Operating Committee shall include the following:

29.1.1 Establish data requirements and operating record requirements.

29.1.2 Review the requirements, standards, and procedures for data acquisition equipment, protective equipment, and any other equipment or software.

29.1.3 Annually review the one (1) year forecast of maintenance and planned outage schedules of JEA's and Interconnection Customer's facilities at the Point of Interconnection.

29.1.4 Coordinate the scheduling of maintenance and planned outages on the Interconnection Facilities, the Transmission Interconnected Generating Facility and other facilities that impact the normal
operation of the interconnection of the Transmission Interconnected Generating Facility to the Transmission System.

29.1.5 Ensure that information is being provided by each Party regarding equipment availability.

29.1.6 Perform such other duties as may be conferred upon it by mutual agreement of the Parties.

Article 30. Miscellaneous

30.1 Binding Effect. This JAGITS and the rights and obligations hereof, shall be binding upon and shall inure to the benefit of the successors and assigns of the Parties hereto.

30.2 Conflicts. In the event of a conflict between the body of this JAGITS and any attachment, appendices or exhibits hereto, the terms and provisions of the body of this JAGITS shall prevail and be deemed the final intent of the Parties.

30.3 Rules of Interpretation. This JAGITS, 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 JAGITS, 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 JAGITS), 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 JAGITS or such Appendix to this JAGITS, or such Section to the JPGITS or such Appendix to the JPGITS, as the case may be; (6) "hereunder", "hereof", "herein", "hereto" and words of similar import shall be deemed references to this JAGITS 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".

30.4 **Entire Agreement.** This JAGITS, 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 JAGITS. 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 JAGITS.

30.5 **No Third Party Beneficiaries.** This JAGITS 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, where permitted, their assigns.

30.6 **Waiver.** The failure of a Party to this JAGITS to insist, on any occasion, upon strict performance of any provision of this JAGITS 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 JAGITS 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 JAGITS. Termination or Default of this JAGITS for any reason by Interconnection Customer shall not constitute a waiver of Interconnection Customer's legal rights to obtain an interconnection from JEA. Any waiver of this JAGITS shall, if requested, be provided in writing.

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

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

30.9 **Amendment.** The Parties may by mutual agreement amend this JAGITS by a written instrument duly executed by the Parties.
30.10 **Modification by the Parties.** The Parties may by mutual agreement amend the Appendices to this JAGITS by a written instrument duly executed by the Parties. Such amendment shall become effective and a part of this JAGITS upon satisfaction of all Applicable Laws and Regulations.

30.11 **No Partnership.** This JAGITS shall not be interpreted or construed to create an association, joint venture, agency relationship, or partnership between the Parties or to impose any partnership obligation or partnership liability upon either Party. Neither 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, the other Party.
IN WITNESS WHEREOF, the Parties have executed this JAGITS in duplicate originals, each of which shall constitute and be an original effective Agreement between the Parties.

[Insert name of JEA or Transmission Owner, if applicable]

By: ___________________________ By: ___________________________

Title: __________________________ Title: __________________________

Date: __________________________ Date: __________________________

[Insert name of Interconnection Customer]

By: __________________________

Title: __________________________

Date: __________________________
Appendix A to JAGITS

Interconnection Facilities, Network Upgrades and Distribution Upgrades

1. Interconnection Facilities:

   (a) [insert Interconnection Customer's Interconnection Facilities]:

   (b) [insert JEA's Interconnection Facilities]:

2. Network Upgrades:

   (a) [insert Stand Alone Network Upgrades]:

   (b) [insert Other Network Upgrades]:

3. Distribution Upgrades:
Appendix B to JAGITS

Milestones
Appendix C to JAGITS

Interconnection Details
Appendix D to JAGITS

Security Arrangements Details

Infrastructure security of Transmission System equipment and operations and control hardware and software is essential to ensure day-to-day Transmission System reliability and operational security. FERC will expect all of JEAs, market participants, and Interconnection Customers interconnected to the Transmission System 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 to JAGITS

Commercial Operation Date

This Appendix E is a part of the JAGITS between JEA and Interconnection Customer.

[Date]

[JEA Address]

Re: _____________ Transmission Interconnected Generating Facility

Dear ______________:

On [Date] [Interconnection Customer] has completed Trial Operation of Unit No. ___. This letter confirms that [Interconnection Customer] commenced Commercial Operation of Unit No. ___ at the Transmission Interconnected Generating Facility, effective as of [Date plus one day].

Thank you.

[Signature]

[Interconnection Customer Representative]
Appendix F to JAGITS

Addresses for Delivery of Notices and Billings

**Notices:**

**JEA:**

[To be supplied.]

**Interconnection Customer:**

[To be supplied.]

**Billings and Payments:**

**JEA:**

[To be supplied.]

**Interconnection Customer:**

[To be supplied.]

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

**JEA:**

[To be supplied.]

**Interconnection Customer:**

[To be supplied.]
[To be supplied.]
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 JAGITS 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, 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 JEA. 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
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 JEA. 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 a Facilities Study Agreement as of the effective date of the Final Rule establishing the reactive power requirements for non-synchronous
generators in section 9.6.1 of this JAGITS (Order No. 827). 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 JAGITS, if JEA’s System Impact Study shows that such a requirement is necessary to ensure safety or reliability. The power factor range standard can be met by 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 if agreed to by JEA, or a combination of the two. The Interconnection Customer 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 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 JEA to protect system reliability. JEA and the wind plant Interconnection Customer 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.