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Addendum StartPage: 0

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Amendment to Interconnect Agreement

Between

City of Austin (Austin Energy)

and

LCRA Transmission Services Corporation

November 6, 2013

**AMENDMENT TO
INTERCONNECTION AGREEMENT
(Facility Schedule No. 3)**

This Amendment ("Amendment") to the Interconnection Agreement (the "Agreement"), dated December 17, 1999, between the City of Austin acting by and through its Electric Utility Department doing business as Austin Energy ("Austin Energy") and the LCRA Transmission Services Corporation ("LCRA TSC"); subsequently amended on numerous occasions and amended again most recently on August 15, 2011 is made and entered into this 6 day of November, 2013, between Austin Energy and the LCRA TSC, collectively referred to hereinafter as the Parties. In consideration of the mutual promises and undertakings herein set forth, the Parties agree to amend the Agreement as follows:

1. Exhibit A attached to the Amendment of August 15, 2011 is deleted in its entirety and Exhibit A attached to this Amendment is hereby added to the Agreement in lieu thereof.
2. Facility Schedule No. 3 (new) attached to this Amendment (including the one-line diagram and drawings attached thereto) is hereby added to the Agreement.
3. Facility Schedule No. 3 will become effective upon execution of this Amendment by the Parties.
4. Except as otherwise expressly provided for herein, the Agreement will continue in full force and effect in accordance with its terms.

This Amendment constitutes the entire agreement and understanding between the Parties with regard to the interconnection of the facilities of the Parties at the Jollyville Interconnection defined in this Amendment. The Parties are not bound by or liable for any statement, representation, promise, inducement, understanding, or undertaking of any kind or nature (whether written or oral) with regard to the subject matter hereof not set forth or provided for herein. This Amendment replaces all prior agreements and undertakings, oral or written, between the Parties with regard to the subject matter hereof and all such agreements and undertakings are agreed by the Parties to no longer be of any force or effect. It is expressly acknowledged that the Parties may have other agreements covering other services not expressly provided for herein, which agreements are unaffected by this Amendment.

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IN WITNESS WHEREOF, the Parties have caused this Amendment to be executed in several counterparts, each of which shall be deemed an original but all shall constitute one and the same instrument.

City of Austin
d/b/a Austin Energy



By: _____

Typed Name: David W. Wood, P.E.
Title: Senior Vice-President
Electric Service Delivery

Date: 11/6/13

LCRA Transmission Services Corporation

By: _____

Typed Name: Ray Pfefferkorn, P.E.
Title: LCRA Transmission Engineering
Manager

Date: 10/21/13



EXHIBIT A

LIST OF FACILITY SCHEDULES AND POINTS OF INTERCONNECTION

<u>Facility Schedule No.</u>	<u>Name of Point of Interconnection</u>
1	Trading Post
2	Garfield - Bastrop Energy Partners
3	Jollyville
4	Wells Branch
5	Lytton Springs
6	Elroy
7	Lakeway

FACILITY SCHEDULE NO. 3

1. Name: Jollyville
2. Jollyville Interconnection location: The Jollyville Interconnection is comprised of one (1) point of interconnection as set forth below. The Jollyville Interconnection is geographically located at Austin Energy's Jollyville Substation ("Substation") on property owned by Austin Energy. The Substation is located at 13715 Rutledge Spur, in Austin, TX 78717. Specifically, the one (1) point of interconnection comprising the Jollyville Interconnection is to be found at the following location:
 - where the 4 hole pad on Austin Energy's 138 kV bus bolts to the 4 hole pad on LCRA TSC's switch number 9959
3. Delivery voltage: 138 kV
4. Metering (voltage, location, losses adjustment due to metering location, and other): All required ERCOT metering will be installed and owned by Austin Energy inside the Substation and this metering will be designed and installed in accordance with the ERCOT Operating Guides. Metering will be accomplished using 138 kV potential and current metering accuracy instrument transformers located in the Substation.
5. Normally closed? Yes
6. One line diagram attached? Yes
7. Austin Energy owns the facilities and is responsible for the functions listed below:
 - 138 kV AE Ckt 1012 transmission line section including structures, conductors, dead-end insulators and hardware from the Jollyville Substation to Northwest Substation;
 - 138 kV AE Ckt-961 transmission line section including structures, conductors, dead-end insulators and hardware from the Jollyville Substation to Howard Lane Substation;
 - Three (3) 138/12.47 kV, 30 MVA power transformers JV-123, JV-456, and JV-789;
 - Two (2) 138 kV transmission line circuit breakers JV-1012 and JV-961 with associated surge arresters;
 - Two (2) sets of three phase 138 kV surge arresters
 - Four (4) 138 kV transmission line circuit breaker disconnect switches JV-200, JV-201, JV-300 and JV-301;
 - One (1) 138 kV potential transformer disconnect switch JV-501;
 - One (1) 138 kV capacitor bank disconnect switch JV-302
 - Three (3) circuit switchers JV-602CS, JV-601M, and JV-600M;
 - One (1) 138 kV capacitor bank CP-1 with associated circuit breaker JV-900, and current CT-1 and potential PT-2 transformers;
 - Two (2) sets of bus PT's connected at each end of the 138 kV bus;
 - Three (3) bus switches, JV-650, JV-651M, and JV-652;
 - One (1) bus differential and breaker failure control utilizing LCRA TSC supplied 138 kV-2000:5 multi ratio bushing current transformers and breaker failure initiate contacts from LCRA TSC circuit breaker 9960 relaying panel;
 - Control house with 125 Vdc batteries, battery charger and other appurtenances;
 - RTU with communications equipment;
 - Associated structures, foundations, relays, controls, cables and conduits;
 - Associated ground grid, graveling, fence and other appurtenances;

- Substation property provided by Austin Energy;
- Fiber patch panel, fiber duct cable and splice enclosure at Jollyville substation (AE will make the splice between LCRA TSC's OPGW and AE's fiber duct cable at LCRA TSC's T-483 H-Frame dead end structure at Jollyville substation.)
- Austin Energy will provide panel space in the AE control house for LCRA TSC equipment as needed.

Austin Energy will exchange signals and connections at the Substation as required for LCRA TSC SCADA.

8. LCRA TSC owns and is responsible for the functions associated with the facilities listed below:

- 138 kV T-483 transmission line section including structures, conductors, dead-end insulators and hardware from the Jollyville Substation to Avery Ranch Substation;
- One (1) 138 kV dead-end H-frame inside the Substation;
- One (1) 138 kV circuit breaker 9960 including foundation, jumpers, 138 kV-2000:5 multi ratio bushing current transformers for use by Austin Energy bus differential relaying scheme, protective relay panel utilizing tripping and close inhibit contacts from Austin Energy's Bus Differential & Breaker Failure relaying panel and providing breaker failure initiate contacts for Austin Energy's use in its breaker failure relaying scheme;
- Two (2) 138 kV switches 9959 and 9961;
- One (1) set of three phase 138kV surge arrestors SA-6;
- One (1) wave trap and tuner WT-1;
- Associated structures, insulators, foundations;
- One (1) coupling capacitor voltage transformers CCVT-1;
- Line relaying and associated panels;
- 48 Fiber OPGW cable on T-483 line section. (LCRA TSC's OPGW runs from the AE splice enclosure located on LCRA TSC's dead end H-Frame at Jollyville Substation to the LCRA TSC splice enclosure on the substation dead end at Avery Ranch Substation); and
- RTU with communications equipment.

LCRA TSC will exchange signals and connections at the Substation as required for Austin Energy SCADA.

9. Operation and Maintenance:

- Each Party will be responsible for the maintenance of the facilities it owns.
- Austin Energy will direct and coordinate all switching for Austin Energy's Substation facilities, including their 138 kV circuit switchers and distribution facilities. These facilities will not be locked or switched by LCRA TSC.
- LCRA TSC will direct and coordinate all switching for LCRA TSC's facilities which include the 138 kV transmission line, 138 kV circuit breaker and associated 138 kV disconnect switches. These facilities will not be locked or switched by Austin Energy.

10. Cost Responsibility:

- Each Party will be fully responsible for the costs and liabilities associated with the facilities it owns.
- Each Party will be responsible for all costs it incurs in connection with the establishment and maintenance of each point of interconnection associated with the Jollyville Interconnection in accordance with this Facility Schedule.

11. Supplemental terms and conditions

- Coordination and response to the ERCOT under-frequency, under-voltage or emergency load shedding program for Austin Energy load served out of this Substation is the responsibility of Austin Energy.
- Austin Energy will provide tripping and close inhibit contacts from its Bus Differential & Breaker Failure relaying panel to LCRA TSC's circuit breaker 9960 relaying panel.
- LCRA TSC will provide breaker failure initiate contacts from its circuit breaker 9960 relaying panel to Austin Energy's Bus Differential & Breaker Failure relaying panel.
- LCRA TSC and Austin Energy shall design, provide, and coordinate their respective protection system equipment so that adjacent zones of protection overlap, in accordance with ERCOT Nodal Operating Guides.
- Austin Energy will provide LCRA TSC access to 125 VDC and 120 VAC power. Circuits must have over current protection devices (OCPD) sized according to NEC standards. Panel boards containing the OCPD may belong to either Austin Energy (if space is available) or LCRA TSC.
- Austin Energy and LCRA TSC will share access to the Substation by separately owned interconnecting locks on gates and control house doors.
- Austin Energy is responsible for reporting to ERCOT all required load data requests for Austin Energy load served out of this Substation.
- Each Party shall be responsible for submitting to ERCOT the required ICCP data for the equipment they own at this Substation.

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