



Control Number: 35077



Item Number: 704

Addendum StartPage: 0

Project No. 35077

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Amendment No. 6

PUBLIC UTILITY COMMISSION
FILING CLERK

INTERCONNECTION AGREEMENT

Between

LCRA Transmission Services Corporation

and

Fayette Electric Cooperative

January 12, 2017

704¹

**INTERCONNECTION AGREEMENT
AMENDMENT NO. 6**

This Amendment No. 6 ("Amendment") to the Interconnection Agreement dated October 23, 2008 is made and entered into this 12th day of JANUARY, 2017, between the Fayette Electric Cooperative ("FEC") and LCRA Transmission Services Corporation ("LCRA TSC") collectively referred to hereinafter as the Parties.

WHEREAS, LCRA TSC and FEC entered into that certain Interconnect Agreement executed October 23, 2008, as amended by that certain Amendment No. 1 executed as of March 20, 2009, as amended by that certain Amendment No. 2 executed as of December 19, 2011, as amended by that certain Amendment No. 3 executed as of May 3, 2012, as amended by that certain Amendment No. 4 executed as of December 3, 2012, as amended by that certain Amendment No. 5 executed as of August 1, 2013 (collectively, as amended, the "Agreement"), and;

WHEREAS, LCRA TSC will remove switch 8394, install buswork and insulators at La Grange substation, and;

WHEREAS, LCRA TSC is removing certain 138 kV assets from the one line drawing and facility schedule which are not relevant to the Points of Interconnection.

NOW, THEREFORE, in consideration of the mutual promises and undertakings herein set forth, the Parties agree to further amend the Agreement as follows:

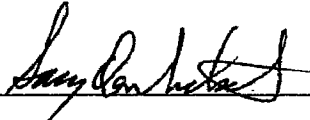
1. Exhibit "A" attached to the Agreement is deleted in its entirety and the Exhibit "A" attached to this Amendment No. 6 is hereby added to the Agreement in lieu thereof.
2. Exhibit "A" attached to this Amendment No. 6 is effective thru execution of this Amendment No. 6 by the Parties.
3. Facility Schedule No. 2 (including the diagrams attached thereto) is deleted in its entirety and Facility Schedule No. 2 attached to this Amendment No. 6 is hereby added to the Agreement in lieu thereof.
4. Facility Schedule No. 2 (including the diagrams attached thereto) attached to this Amendment No. 6 is effective thru execution of this Amendment No. 6 by the Parties.

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Except as otherwise expressly provided for herein, the Agreement will continue in full force and effect in accordance with its terms.

IN WITNESS WHEREOF, the Parties have caused this Amendment No. 6 to be executed in several counterparts, each of which shall be deemed an original but all shall constitute one and the same instrument.

FAYETTE ELECTRIC COOPERATIVE

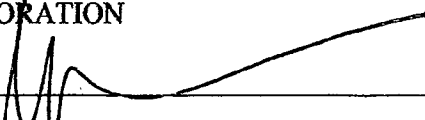
By: 

Name: Gary Don Nietsche

Title: General Manager

Date: 01/04/2017

LCRA TRANSMISSION SERVICES CORPORATION

By: 

Name: Sergio Garza, P.E.

Title: LCRA Vice President, Transmission Design and Protection

Date: 01/12/2017



EXHIBIT A
Amendment No. 5

FACILITY SCHEDULE NO.	LOCATION OF POINT(S) OF INTERCONNECTION (# of Points)	INTERCONNECTION VOLTAGE (KV)	EFFECTIVE DATE OF INTERCONNECTION
1	Flatonia (12)	12.5 kV and 24.9 kV	August 1, 2013
2	La Grange (12)	12.5 kV	Date of 6 th amendment
3	Plum (1)	12.5 kV	12/19/2011
4	Riverside (1)	138 kV	March 8, 2012
5	Round Top (1)	138 kV	March 8, 2012
6	Schulenburg (9)	12.5 kV	10/23/2008
7	Warda (12)	24.9 kV	10/23/2008
8	Weimar (9)	12.5 kV	12/3/2012
9	Willow Springs (1)	138 kV	March 8, 2012
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FACILITY SCHEDULE NO. 2

Amendment No 6

1. **Name:** La Grange Substation
2. **Facility Location:** The La Grange Substation is located at 2231 Von Minden Rd., La Grange, Fayette County, Texas 78945.
3. **Points of Interconnection:** There are twelve (12) Points of Interconnection in the La Grange Substation generally described as:
 - where the incoming distribution line connects to the tubular bus between switches LG81 and LG83 at breaker LG80.
 - where the jumper from breaker LG80 connects to the 4 hole pad on switch LG79.
 - where the jumper from breaker LG80, passing through CT15, connects to the 4 hole pad on switch LG81.
 - where the jumper from switch LG69 connects to the 12.5 kV operating bus.
 - where the jumper from switch LG73 connects to the 12.5 kV transfer bus.
 - where the incoming distribution line connects to the tubular bus between switches LG61 and LG63 at breaker LG60.
 - where the jumper from breaker LG60 connects to the 4 hole pad on switch LG61.
 - where the jumper from breaker LG60, passing through CT3, connects to the 4 hole pad on switch LG59.
 - where the jumper from switch LG119 connects to the 12.5 kV operating bus.
 - where the jumper from switch LG123 connects to the 12.5 kV transfer bus.
 - where the jumper from switch LG129 connects to the 12.5 kV operating bus.
 - where the jumper from switch LG133 connects to the 12.5 kV transfer bus.
4. **Transformation Services Provided by LCRA TSC:** Yes, per Transformation Service Agreement between the Parties.
5. **Metering Services Provided by LCRA TSC:** Yes, per Wholesale Metering Services Agreement between the Parties.
6. **Delivery Voltage:** 12.5 kV
7. **Metered Voltage and Location:** The metering voltage is 12.5 kV. The metering current transformers are located in both T1 and T2 total bays and in each distribution bay. The bus potential transformers are located on both 12.5 kV operating buses.
8. **One Line Diagram Attached:** Yes

9. Description of Facilities Owned by Each Party:

FEC owns:

- Five (5) distribution circuits including dead end insulators that attach to the dead end structure, conductors, and hardware
- Five (5) distribution circuit breakers LG60, LG70, LG80, LG120 and LG130 including jumpers and protective relay packages
- Nine (9) 12.5 kV switches LG69, LG71, LG73, LG119, LG121, LG123, LG129, LG131 and LG133
- Five (5) distribution circuit breaker foundations
- Three (3) surge arresters SA70, SA120 and SA130
- Two(2) modulation transformers MTU1 and MTU2 with associated surge arresters and fuses
- Two (2) 12.5 kV transformer bays with foundations, structures, disconnect switches, step-up transformers, insulators and jumpers
- Three (3) 12.5 kV A-frame
- Two (2) upper trusses for 12.5 kV A-frame
- Two (2) lower trusses for 12.5 kV A-frame

LCRA TSC owns:

The La Grange Substation including, but not limited to, the following items:

- Two (2) power transformers T1 and T2 with associated surge arresters, foundations, jumpers and protective relaying
- Two (2) circuit switchers CS8395 and CS8405 with bypass switches 8396 and 8406, foundations, jumpers and protective relaying
- Two (2) relaying current transformers CT17 and CT18.
- Thirteen (13) distribution and total bays (7 shown on one line diagram) including A-frames, trusses, insulators, disconnect switches, surge arresters, 12.5 kV operating and transfer bus, bus potential transformers, and metering current transformers
- Two (2) 12.5 kV operating and transfer bus switch stands with bus tie switches LG07 and LG08
- Two (2) 12.5 kV load break switches LG45 and LG115
- One (1) underfrequency relay panel
- One (1) meter panel
- Two (2) station service SS1 and SS2 with fuses F1 and F5
- One (1) control house (metal 24' x 39') with battery charger and appurtenances
- One (1) control house (cinder block 16' x 20')
- One (1) portable battery house with battery (12' x 21')
- Substation property, ground grid, gravel, fencing and other appurtenances

10. Operational Responsibilities of Each Party: Each Party will be responsible for the operation of the equipment it owns.

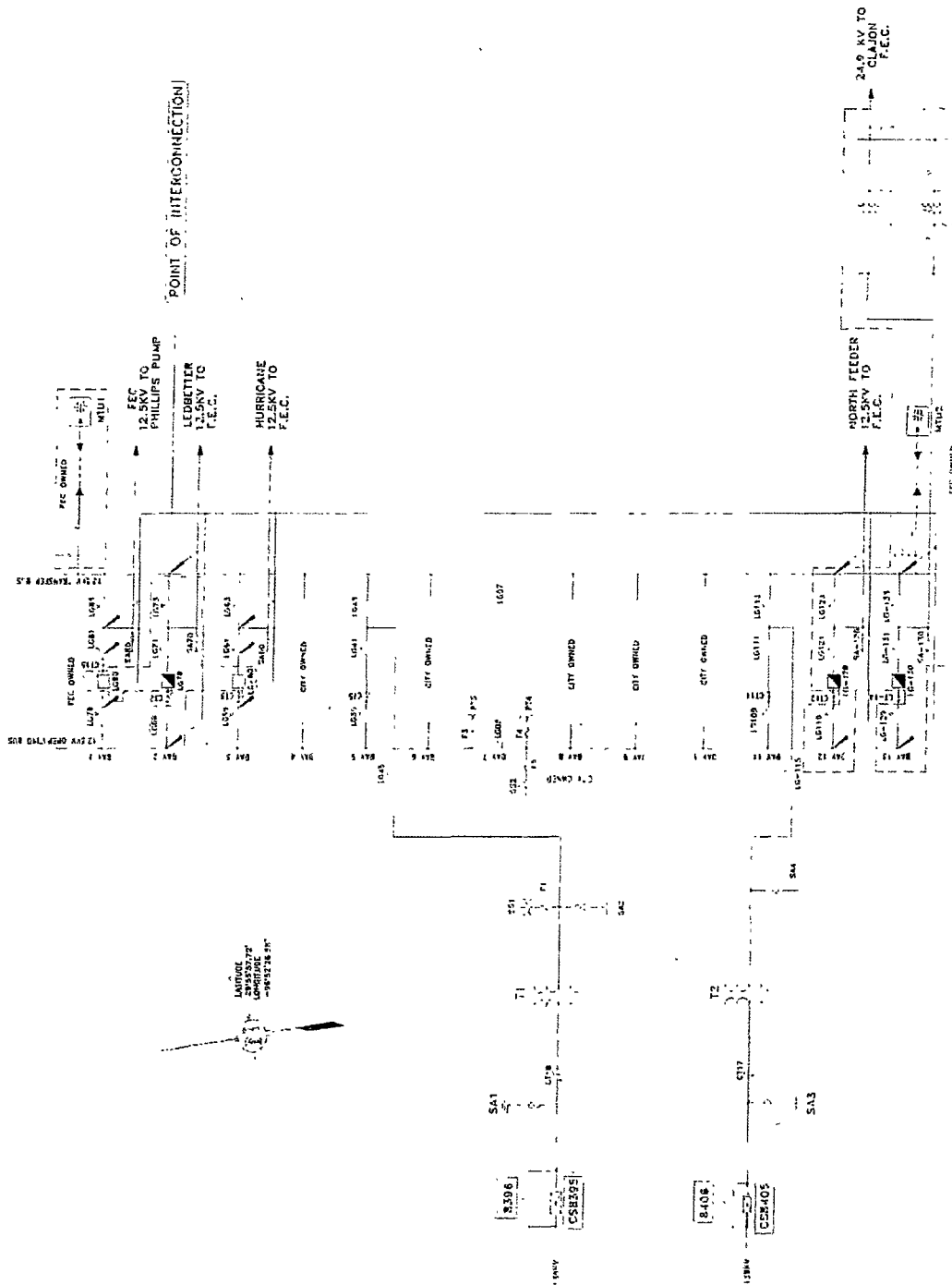
11. Maintenance Responsibilities of Each Party: Each Party will be fully responsible for

the maintenance of the equipment it owns.

12. Other Terms and Conditions:

- FEC and LCRA TSC are to share access to the substation by LCRA TSC locks in the gate and in the control house doors.
- LCRA TSC will provide FEC 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 LCRA TSC (if space is available) or FEC.
- LCRA TSC will provide FEC with floor space (as available and as necessary) in its control house for the installation of FEC required panels and equipment.

Amendment No 6



LA GRANGE SUBSTATION:

THIS IS NOT A COMPLETE ONE-LINE DIAGRAM
FOR A COMPLETE ONE-LINE DIAGRAM OF THIS
SUBSTATION, REFER TO DRAWING S149-E-0001.