Control Number: 35077

Item Number: 967

Addendum StartPage: 0

Project No. 35077

Amendment No. 7

Interconnection Agreement

Between

LCRA Transmission Services Corporation

and

Fayette Electric Cooperative

Dated
May 28, 2019

INTERCONNECTION AGREEMENT
AMENDMENT NO. 7

This Amendment No. 7 ("Amendment No. 7") to the Interconnection Agreement dated October 23, 2008 is made and entered into this 28th day of May, 2019, between 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, as amended by that certain Amendment No. 6 executed as of January 12, 2017 (collectively, as amended, the "**Agreement**");

WHEREAS, LCRA TSC will install a ring bus, control house, CCVTs, surge arresters, will expand the site, including gravel, fencing, and ground grid, at Riverside Substation in a separate LCRA TSC substation yard;

WHEREAS, FEC will install an external current transformer and mobile switch in the FEC substation yard, at Riverside Substation, and;

WHEREAS, LCRA TSC will install a ring bus, control house, CCVTs, surge arresters, will expand the site, including gravel, fencing, and ground grid, at Weimar Substation.

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. 7 is hereby added to the Agreement in lieu thereof.

2. Exhibit "A" attached to this Amendment No. 7 is effective upon execution of this Amendment No. 7 by the Parties.

3. Facility Schedule No. 4 (including the diagrams attached thereto) is deleted in its entirety and Facility Schedule No. 4 attached to this Amendment No. 7 is hereby added to the Agreement in lieu thereof.

4. Facility Schedule No. 4 (including the diagrams attached thereto) attached to this Amendment No. 7 is effective upon execution of this Amendment No. 7 by the Parties.

5. Facility Schedule No. 8 (including the diagrams attached thereto) is deleted in its entirety and Facility Schedule No. 8 attached to this Amendment No. 7 is hereby added to the Agreement in lieu thereof.

6. Facility Schedule No. 8 (including the diagrams attached thereto) attached to this

Amendment No. 7 is effective upon execution of this Amendment No. 7 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. 7 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: _____

LCRA TRANSMISSION SERVICES CORPORATION

By: _____

Name: Sergio Garza, P.E.

Title: LCRA Vice President, Transmission Design and Protection

Date: 05/13/2019

LCRA LEGAL

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. 7 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	LCRA TRANSMISSION SERVICES CORPORATION
By: _____	By: _____
Name: Gary Don Nietsche	Name: Sergio Garza, P.E.
Title: General Manager	Title: LCRA Vice President, Transmission Design and Protection
Date: 05/28/2019	Date: _____

EXHIBIT A

Amendment No. 7

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	January 12, 2017
3	Plum (1)	12.5-kV	December 19, 2011
4	Riverside (2)	138-kV	Date of 7th Amendment
5	Round Top (1)	138-kV	March 8, 2012
6	Schulenburg (9)	12.5-kV	October 23, 2008
7	Warda (12)	24.9-kV	October 23, 2008
8	Weimar (12)	12.5-kV	Date of 7th Amendment
9	Willow Springs (1)	138-kV	March 8, 2012
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FACILITY SCHEDULE NO. 4
Amendment No. 7

1. **Name:** Riverside Substation

2. **Facility Location:** The Riverside Substation is located at 3646 Old Plum Hwy., La Grange, Fayette County, Texas 78945.

3. **Points of Interconnection:** There are two (2) Point of Interconnection in the Riverside Substation generally described as:

   - where the terminal connector, terminating the jumper from switch 31074, attaches to the wire jumper from LCRA TSC's bus between switches 31019 and 31029.
   - where the terminating jumper from LCRA TSC's bus attaches to the wire jumper on FEC's mobile switch 31078.

4. **Transformation Services Provided by LCRA TSC:** No

5. **Metering Services Provided by LCRA TSC:** Yes

6. **Delivery Voltage:** 138-kV

7. **Metered Voltage and Location:** The metering voltage is 12.5-kV. The metering current transformer is located in the total bay. The bus potential transformer is located on the 12.5-kV operating bus.

8. **One Line Diagram Attached:** Yes

9. **Description of Facilities Owned by Each Party:**

FEC owns the following facilities:

The FEC substation yard including, but not limited to, the following items:

- 138-kV bus including structures, insulators, foundations and jumpers,
- One (1) circuit switcher CS2870 and associated bypass switch 2877,
- One (1) mobile switch 31708,
- One (1) power transformer T1 with associated surge arresters,
- All distribution and total bays including A-frames, trusses, insulators, disconnect switches, surge arresters, 12.5-kV operating and transfer bus, bus potential transformer and associated cabling,
- Control house and battery bank,
- Station Service,
- One (1) modulation transformer MTU1 with associated fuse and surge arrester,
- One (1) bushing mounted external current transformer CT2,
- The property ground grid, gravel, fencing and other appurtenances.

LCRA TSC owns the following facilities within the FEC substation yard:

- Metering current transformer CT1.

LCRA TSC owns the following facilities:
The LCRA TSC substation yard including, but not limited to, the following items:

- two (2) dead-end bus equipment structures,
- Three (3) 138-kV circuit breakers 31020, 31030, and 31040 with foundations, jumpers and protective relaying,
- Six (6) 138-kV disconnect switches 31019, 31021, 31029, 31031, 31039, and 31041,
- Seven (7) 138-kV surge arresters SA3, SA4 and SA5,
- Six (6) 138-kV coupling capacitor voltage transformers CCVT1 and CCVT2,
- One (1) 138-kV PVT,
- One (1) 138-kV bus differential & breaker failure relaying scheme,
- One (1) 138-kV ring bus including structures, foundations and jumpers,
- Two (2) 138-kV bays including A-frames, trusses, insulators, conductors, hardware and foundations,
- two (2) sets of jumpers at the dead-end bus equipment structures,
- one (1) control house (24' X 42') with LCRA TSC station service and 125 Vdc station batteries,
- the RTU communications circuit from the LCRA TSC Yard to LCRA TSC's control center,
- the property ground grid, gravel, fencing and other appurtenances.

10. **Operational Responsibilities of Each Party:** Each Party is 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:**

12.1 FEC and LCRA TSC are to share access to the substation by FEC and LCRA TSC locks in the gate.

12.2 FEC will allow LCRA TSC access into FEC's control house by allowing LCRA TSC to place a hardened lock in series with FEC's lock on the control house doors.

12.3 LCRA TSC will share access to the LCRA TSC yard control house. Access is obtained by calling LCRA TSC's System Operations Control Center using the intercom at the door of the control house.

12.4 FEC will supply and allow LCRA TSC use of its bus potential transformers for metering.

12.5 FEC will supply and allow LCRA TSC use of current transformer CT2 for its bus differential relaying scheme.

12.6 LCRA TSC will provide tripping and close inhibit contacts from its transformer bus differential and breaker failure relaying panel to FEC's circuit switcher relaying panel.

12.7 FEC will provide breaker failure initiate contacts from its circuit switcher relaying panel to LCRA TSC's transformer bus differential and breaker failure relaying panel.

12.8 LCRA TSC and FEC shall design, provide, and coordinate their respective protection system equipment so that adjacent zones of protection overlap, in accordance with ERCOT Nodal Operating Guides.

12.9 The LCRA TSC Yard access and physical security will be in accordance with LCRA TSC standards.

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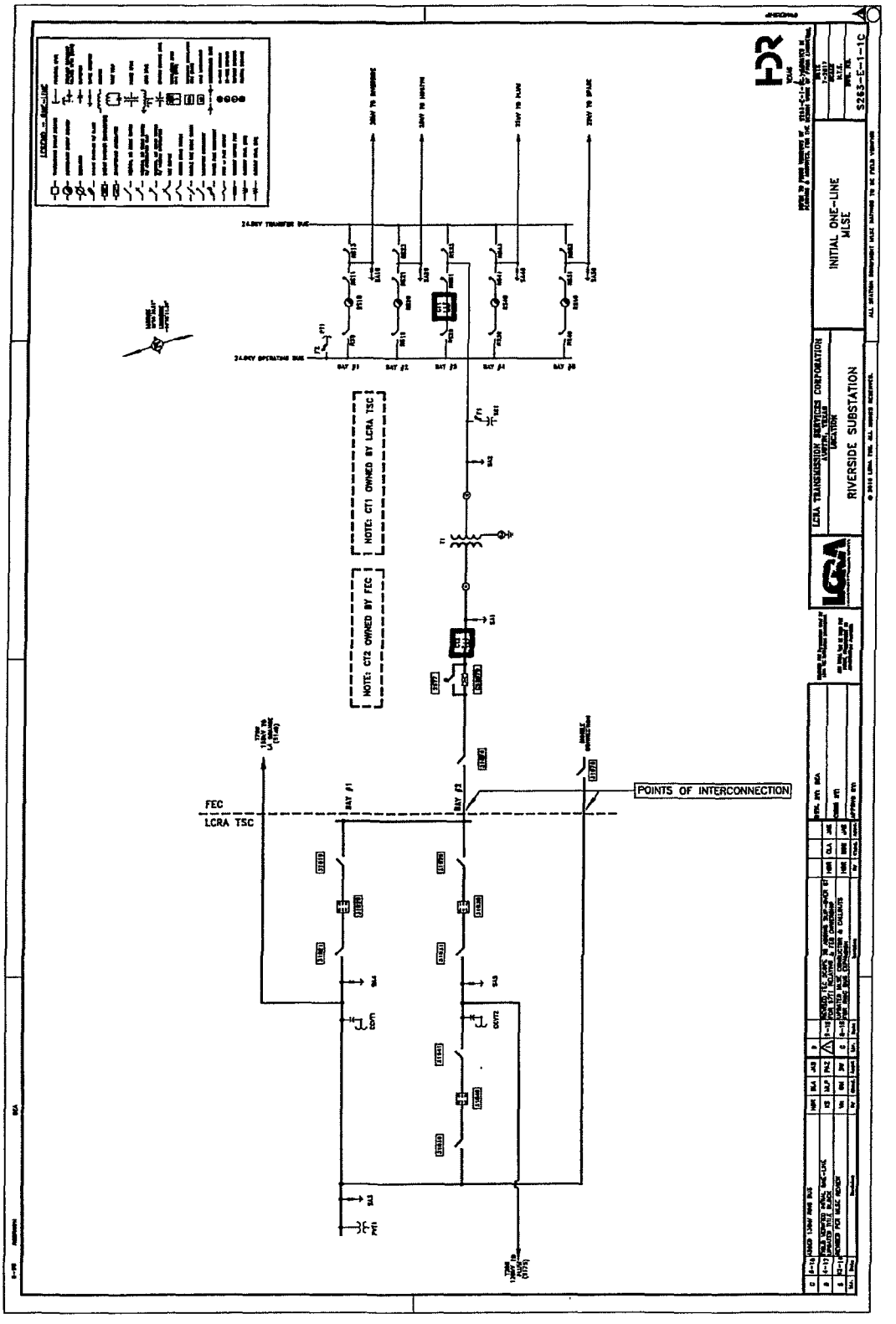
RIVERSIDE ONE-LINE DIAGRAM

Amendment No. 7



FACILITY SCHEDULE NO. 8
Amendment No. 7

1. **Name:** Weimar Substation

2. **Facility Location:** The Weimar Substation is located at 1103 CR 240, Weimar, Colorado County, Texas 78962.

3. **Points of Interconnection:** There are Twelve (12) Points of Interconnection in the Weimar Substation generally described as:

   - where the incoming distribution line connects to the dead end insulator between switch WE21 and switch WE23 at breaker WE20.
   - where the jumper from breaker WE20, passing through CT5, connects to the 4 hole pad on switch WE19.
   - where the jumper from breaker WE20 connects to the 4 hole pad on switch WE21.
   - where the incoming distribution line connects to the dead end insulator between switch WE71 and switch WE73 at breaker WE70.
   - where the jumper from breaker WE70, passing through CT7, connects to the 4 hole pad on switch WE69.
   - where the jumper from breaker WE70 connects to the 4 hole pad on switch WE71.
   - where the incoming distribution line connects to the dead end insulator between switch WE61 and switch WE63 at breaker WE60.
   - where the jumper from breaker WE60, passing through CT6, connects to the 4 hole pad on switch WE59.
   - where the jumper from breaker WE60 connects to the 4 hole pad on switch WE61.
   - where the incoming distribution line connects to the dead end insulator between switch WE101 and switch WE103 at breaker WE100.
   - where the jumper from breaker WE100, passing through CT8, connects to the 4 hole pad on switch WE99.
   - where the jumper from breaker WE100 connects to the 4 hole pad on switch WE101.

4. **Transformation Services Provided by LCRA TSC:** Yes

5. **Metering Services Provided by LCRA TSC:** Yes

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 each feeder bay. The bus potential transformer is located on the 12.5-kV operating bus.

8. **One Line Diagram Attached:** Yes

9. **Description of Facilities Owned by Each Party:**

FEC owns:

- Four (4) distribution circuits including dead end insulators that attach to the dead end structure, conductors, and hardware,
- Four (4) distribution circuit breakers WE20, WE60, WE70 and WE100 including foundations, jumpers and protective relay packages,
- Four (4) 12.5 kV surge arresters SA10, SA11, SA12 and SA20,
- One (1) modulation transformer MTU with associated fuse and surge arrester.

LCRA TSC owns:

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

- One (1) 138-kV ring bus including structures, foundations and jumpers,
- Two (2) 138-kV bays including A-frames, trusses, insulators, conductors, hardware and foundations,
- Three (3) 138-kV circuit breakers 30560, 30570, and 30580 with foundations, jumpers and protective relaying,
- Nine (9) 138-kV disconnect switches 30559, 30561, 30564, 30568, 30571, 30574, 30569, 30579, and 30581,
- Six (6) 138-kV surge arresters SA3 and SA4,
- Six (6) 138-kV coupling capacitor voltage transformers CCVT1 and CCVT2,
- two (2) sets of jumpers at the dead-end bus equipment structures,
- one (1) control house (21' X 27') with LCRA TSC station service and 125 Vdc station batteries,
- One (1) 138-kV dual core current transformer CT19,
- One (1) circuit switcher CS30565, with associated bypass switch 30567,
- One (1) power transformer T1 with associated surge arresters,
- Twelve (12) distribution and total bays (some are occupied by the City of Weimar) including A-frames, trusses, insulators, disconnect switches, 12.5-kV operating and transfer buses, bus tie switches, bus potential transformers, and metering current transformers,
- Control house (24' X 30') and battery bank,
- Station service equipment,
- Underfrequency relay panel,
- Substation property ground grid, gravel, fencing and other appurtenances.

10. Operational Responsibilities of Each Party:

- FEC will be responsible for the operation of the four (4) distribution circuit breakers serving the FEC feeders.
- LCRA TSC will be responsible for the operation from the low voltage bus through the power transformer to the high voltage equipment.

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:

12.1 FEC and LCRA TSC are to share access to the substation by FEC and LCRA TSC locks in the gate and in the control house doors.

12.2 LCRA TSC and FEC shall design, provide, and coordinate their respective protection system equipment so that adjacent zones of protection overlap, in accordance with ERCOT Nodal Operating Guides.

12.3 The LCRA TSC Yard access and physical security will be in accordance with LCRA TSC standards.

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WEIMAR ONE-LINE DIAGRAM

Amendment No. 7