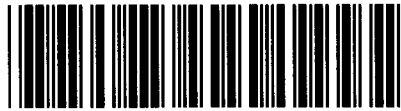




Control Number: 35077



Item Number: 598

Addendum StartPage: 0

PUC Project No. 35077

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PUBLIC UTILITY COMMISSION
FILING CLERK

Amendment No. 4

INTERCONNECTION AGREEMENT

Between

LCRA Transmission Services Corporation

and

Rio Grande Electric Cooperative

Dated

October 16, 2015

**FOURTH AMENDMENT TO
INTERCONNECTION AGREEMENT**

This Fourth Amendment ("Amendment") is made and entered into this 16th day of OCTOBER, 2015, between Rio Grande Electric Cooperative, Inc. ("RGEC") and LCRA Transmission Services Corporation ("LCRA TSC"), collectively referred to hereinafter as the Parties.

WHEREAS, LCRA TSC and RGEC entered into that certain Interconnection Agreement executed October 5, 2006, as amended by that certain Amendment No. 1, executed as of June 22, 2011, as amended by that certain Amendment No. 2, executed as of May 28, 2015, as amended by that certain Amendment No. 3, executed as of July 17, 2015 (collectively, as amended, the "Agreement"); and

WHEREAS, LCRA TSC will install two bypass switches for circuit breakers 12660 and 12670 at the Rosita Creek Substation;

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

1. Facility Schedule No. 1 (including the diagrams attached thereto) is deleted in its entirety and Facility Schedule No. 1 attached to this Fourth Amendment is hereby added to the Agreement in lieu thereof.
2. Facility Schedule No. 1 (including the diagrams attached thereto) attached to this Fourth Amendment will become effective upon execution of this Fourth Amendment by the Parties.

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 Fourth Amendment to be executed in several counterparts, each of which shall be deemed an original but all shall constitute one and the same instrument.

RIO GRANDE ELECTRIC
COOPERATIVE, INC.

By: Daniel G. Laws

Name: Daniel G. Laws

Title: General Manager / CEO

Date: 10-16-15

LCRA TRANSMISSION SERVICES
CORPORATION

By: Ray Pfefferkorn

Name: Ray Pfefferkorn, P.E.

Title: LCRA Transmission Engineering
Manager

Date: 10/5/15



Exhibit A
Amendment No. 4

FACILITY SCHEDULE NO.	LOCATION OF POINT(S) OF INTERCONNECTION (# of Points)	INTERCONNECTION VOLTAGE (KV)	EFFECTIVE DATE OF INTERCONNECTION
1	Rosita Creek (1)	138 kV	Date of 4 th Amendment
2	Blewett (12)	24.9 kV	5/28/2015
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4			
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FACILITY SCHEDULE NO. 1

Amendment No. 4

1. **Name:** **Rosita Creek**
2. **Facility Location:** RGEC's Rosita Creek Substation is located 4 miles east of Eagle Pass Texas on highway US277 in Maverick County. Rosita Creek Substation is connected to the 138kV transmission line from Bevo Substation to Escondido Substation.
3. **Points of Interconnection:** There is one (1) Point of Interconnection in Rosita Creek Substation generally described as:
 - where the four-bolt pad on RGEC's switch 12664 connects to the four-bolt pad on LCRA TSC's 138kV bus.
4. **Transformation Services Provided by LCRA TSC:** No
5. **Metering Services Provided by LCRA TSC:** No
6. **Delivery Voltage:** 138 kV
7. **Metered Voltage and Location:** N/A
8. **One Line Diagram Attached:** Yes
9. **Description of Facilities Owned by Each Party:**

RGEC owns the following equipment (see attached one-line for details):

The Rosita Creek Substation including but not limited to the following items:

- One (1) high-side air-break switch 12664
- One (1) 138 kV mobile substation tap switch 12666
- One (1) 138 kV circuit switcher CS12665 with associated bypass switch 12667
- One (1) power transformer T1 with associated surge arresters
- One (1) voltage regulator REG1 with bypass and disconnect switches RC3, RC4 and RC5
- One (1) 12.5 kV mobile substation tap switch RC2
- All the distribution and metering facilities in the substation
- One (1) station service SS1 with fuse F1
- The control house and all facilities within, except those owned by LCRA TSC
- Substation property, ground grid, gravel, fencing and other appurtenances

LCRA TSC owns the following equipment (see attached one-line for details):

- Two (2) 138 kV A-frame dead end structures
- Two (2) wave traps with tuners WT1 and WT2
- Two (2) 138 kV surge arresters SA1 and SA2
- Two (2) coupling capacitor voltage transformers CCVT1 and CCVT2

- Two (2) 138 kV surge arresters SA1 and SA2
- Two (2) coupling capacitor voltage transformers CCVT1 and CCVT2
- Two 138 kV circuit breakers 12660 and 12670 including jumpers, and foundations
- Seven (7) 138 kV switches 12659, 12661, 12663, 12669, 12671, 12673 and 12679
- The 138kV bus including structures, foundations and jumpers
- One (1) remote terminal unit (RTU) in the RGEC control house
- Two (2) circuit breaker protective relay package line panels
- One (1) annunciator panel
- One (1) carrier panel
- One (1) ACT subpanel
- One (1) AC panelboard
- One (1) DC panelboard
- One (1) telecom equipment including SubWAN and Firewall
- One (1) 138 kV bus differential and breaker failure panel

10. Operational Responsibilities of Each Party:

- LCRA TSC shall operate and control the facilities it owns.
- RGEC shall operate and control the distribution and metering facilities it owns.
- RGEC designates LCRA TSC as its representative and with the authority to act on its behalf in performing the duties of a "Local Control Center"* Transmission Operator for the Rosita Creek Substation. The Parties agree to adhere to the latest version of the LCRA TSC Transmission Operations Handbook, or a subsequent revision or edition as it may be delivered to RGEC from time to time by LCRA TSC in carrying out the transmission operations at Rosita Creek Substation. Either Party may provide 90 days written notice to the other Party to end this transmission operating arrangement; and in the event of this notice the Parties agree to then amend this Facility Schedule Section 10. to read "Each Party shall operate and control the facilities it owns." or other mutually agreeable language.

*Local Control Center – an entity that enters into NERC joint registration pursuant to a written agreement (aka Coordinated Functional Registration) with ERCOT ISO for the NERC Transmission Operator function within the ERCOT region. The written agreement used for joint registration includes the TOP JRO/CFR Responsibility Matrix, which may change from time to time due to changes in NERC Reliability Standards, and which identifies the NERC Transmission Operator requirements applicable to this entity

11. Maintenance Responsibilities of Each Party:

- Each Party shall be fully responsible for the maintenance of the facilities it owns.

12. Other Terms and Conditions:

- RGEC and LCRA TSC are to share access to the substation by RGEC and LCRA TSC locks in the gate and in the control house doors.
- RGEC is responsible to report to ERCOT all annual load data requests.
- RGEC 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 RGEC (if space is available) or LCRA TSC.

- RGEC will provide LCRA TSC with floor space (as available and as necessary) in its control house for the installation of LCRA TSC required panels and equipment.
- RGEC will provide for LCRA TSC either a conduit from the control house to the Telco demark or 4 copper pairs to the demark.
- RGEC is responsible for providing the following transformer analog values for LCRA SCADA : 3 Phase Megawatts , 3 Phase Megavars ,and single phase Amps.
- RGEC will supply and allow LCRA TSC use of transformer T1 relaying bushing current transformers for its 138 kV bus differential relaying scheme.
- LCRA TSC will provide tripping and close inhibit contacts from its 138 kV bus differential & breaker failure relaying panel to RGEC'S circuit switcher CS12665 relaying panel.
- RGEC will provide breaker failure initiate contacts from its circuit switcher CS12665 relaying panel to LCRA TSC's 138 kV bus differential & breaker failure relaying panel.
- LCRA TSC and RGEC shall design, provide, and coordinate their respective protection system equipment so that adjacent zones of protection overlap, in accordance with ERCOT Nodal Operating Guides.
- RGEC grants to LCRA TSC a revocable license to erect and maintain necessary supporting transmission structures on RGEC's right-of-way as shown in the descriptions and drawings attached as part of this Facility Schedule No. 1. RGEC agrees that this license shall be a condition of providing transmission service at this interconnect point.

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6

