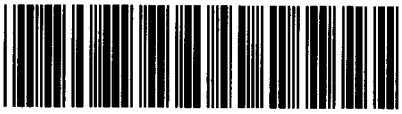

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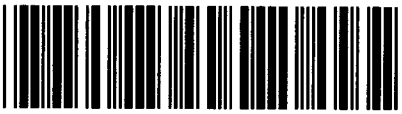

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Project No. 35077

Third Amendment to

INTERCONNECTION AGREEMENT

Between

New Braunfels Utilities

and

LCRA Transmission Services Corporation

Dated
January 8, 2014

439

THIRD AMENDMENT TO
INTERCONNECTION AGREEMENT

This Third Amendment to Interconnection Agreement ("Third Amendment") is made and entered into this 8th day of January, 2014, between New Braunfels Utilities ("NBU"), a municipally owned utility and the LCRA Transmission Services Corporation ("LCRA TSC") collectively referred to hereinafter as the Parties.

WHEREAS, the LCRA TSC and NBU entered into that certain Interconnection Agreement executed July 22, 2009, as amended by that certain Amendment No. 1, executed as of December 16, 2009, as amended by that certain Amendment No. 2, executed as of January 17, 2011 (collectively, as amended, the "Agreement"); and

WHEREAS, NBU will install a new power transformer and LCRA TSC will install a 138 kV ring bus at the Highway 46 Substation,

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

1. Exhibit "A" Amendment No. 2 attached to the Agreement is deleted in its entirety and Exhibit "A" Amendment No.3 attached to this Third Amendment is substituted as the Exhibit A of the Agreement as of the effective date of this Third Amendment.

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

3. Facility Schedule No. 4 (including the diagrams attached thereto) attached to this Third Amendment will become effective upon execution of this Third Amendment by the Parties.

4. The changes described in this Third Amendment and the diagrams attached will become effective upon execution of this Third Amendment.

Except as otherwise expressly provided in this Third Amendment, all the terms and conditions of the Agreement shall remain in full force and effect.

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IN WITNESS WHEREOF, the Parties, acting through their authorized representatives, have executed this Third Amendment in two counterparts, each of which shall be deemed an original but shall constitute one and the same instrument.

NEW BRAUNFELS UTILITIES

By: Paula J. DiFonzo

Name: Paula J. DiFonzo

Title: Chief Executive Officer

Date: January 8, 2014

LCRA TRANSMISSION SERVICES CORPORATION

By: Ray Pfefferkorn

Name: Ray Pfefferkorn, P.E.

Title: LCRA Transmission Engineering Manager

Date: 1/6/14

EXHIBIT A
Amendment No 3

FACILITY SCHEDULE NO.	LOCATION OF POINT(S) OF INTERCONNECTION (# of Points)	INTERCONNECTION VOLTAGE (KV)	EFFECTIVE DATE OF INTERCONNECTION
1	Comal (6)	138 kV	January 17, 2011
2	Freiheit Road (2)	138 kV	July 22, 2009
3	Henne (4)	138 kV	December 16, 2009
4	Highway 46 (2)	138 kV	Date of Amendment 3
5	Hortontown (3)	138 kV	July 22, 2009
6	Sheriff's Posse (1)	138 kV	July 22, 2009
7	Marion (2)	138 kV	January 17, 2011
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FACILITY SCHEDULE NO. 4

1. **Name:** Highway 46 Substation

2. **Facility Location:** The Highway 46 Substation is located at 6565 State Hwy 46, New Braunfels, Comal County, Texas 78132.

3. **Points of Interconnection:** There are two (2) Points of Interconnection in the Highway 46 Substation generally described as:

   - where the 138 kV operating bus expansion connector bolts to the four hole pad on switch 12044.
   - where the 138 kV operating bus expansion connector bolts to the four hole pad on switch 12054.

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 transformers are located inside T-1 and T-2. The bus potential transformers are located on the 12.5 kV operating buses.

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

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

NBU owns:

The Highway 46 Substation including, but not limited to, the following items:

- Two (2) circuit switchers CS-12045 and CS-12055 with associated disconnect switches 12044 and 12054 ,bypass switches 12047 and 12057, protective relaying panels utilizing tripping and close inhibit contacts from LCRA TSC's 138 kV bus differential & breaker failure relaying panel and providing breaker failure initiate contacts for LCRA TSC's use in its breaker failure relaying scheme
- Two (2) power transformers T-1 and T-2 with associated surge arresters, 138 kV-2000:5 multi ratio bushing current transformers for use by LCRA TSC's 138 kV bus differential relaying scheme and 12.5 kV-1200:5 multi ratio (metering accuracy) bushing current transformers for use by LCRA TSC's metering circuit
- Two (2) transformer bus towers including foundations, insulators and jumpers
- All distribution circuits including dead end insulators that attach to the dead end structure, conductors, and hardware

- All distribution circuit breakers including jumpers, protective relay packages and foundations
- All distribution and total bays including A-frames, trusses, insulators, disconnect switches, surge arresters, 12.5 kV operating and transfer buses, bus potential transformers, for use by LCRA TSC metering, and associated cabling
- Control house and battery bank
- Station Service SS1 and SS2
- Substation property ground grid, gravel, fencing and other appurtenances

LCRA TSC owns:

- Two (2) 138 kV dead-end structures, foundations, insulators and jumpers
- 138 kV bus including stands, insulators and foundations
- Two (2) 138 kV surge arresters
- Two (2) capacitor coupled voltage transformers CCVT-1 and CCVT-2
- Two (2) wave traps and tuners WT-1 and WT-2
- 138 kV ring bus including structures, insulators, foundations and jumpers
- Four (4) 138 kV 138 kV circuit breakers 12030, 12040, 12050 and 12060 with foundations, jumpers and protective relaying
- Nine (9) 138 kV switches 12029, 12031, 12039, 12041, 12049, 12051, 12058, 12059 and 12061
- One (1) 138 kV bus differential, breaker failure relaying scheme utilizing NBU supplied 138 kV-2000:5 multi ratio bushing current transformers from NBU transformers T-1 and T-2 along with breaker failure initiate contacts from NBU's circuit switchers CS12045 and CS12055 relaying panels

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:**
    - NBU and LCRA TSC are to share access to the substation by LCRA TSC locks in the gate and in the control house doors.
    - NBU will supply and allow LCRA TSC use of its 12.5 kV bus potential transformers PT-1 and PT-2 for metering.
    - NBU will supply and allow LCRA TSC use of transformer T-1 and T-2 metering and relaying bushing current transformers for its metering and 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 NBU's circuit switcher CS12045 and CS12055 relaying panels.
    - NBU will provide breaker failure initiate contacts from its circuit switchers CS12045 and CS12055 relaying panels to LCRA TSC's 138 kV bus differential & breaker failure relaying panel.

- LCRA TSC and NBU shall design, provide, and coordinate their respective protection system equipment so that adjacent zones of protection overlap, in accordance with ERCOT Nodal Operating Guides.
- NBU 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 NBU (if space is available) or LCRA TSC.
- NBU will provide LCRA TSC with floor space (as available and as necessary) in its control house for the installation of LCRA TSC required relay panel boards and equipment.

HIGHWAY 46 ONE-LINE DIAGRAM