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Project No. 35077

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Second Amendment

INTERCONNECTION AGREEMENT

Between

LCRA Transmission Services Corporation

and

City of Mason

June 1, 2017

740 1

**SECOND AMENDMENT TO
INTERCONNECTION AGREEMENT**

This Second Amendment ("Amendment") is made and entered into this 1 day of June , 2017, between the City of Mason ("City") and LCRA Transmission Services Corporation ("LCRA TSC") collectively referred to hereinafter as the Parties.

WHEREAS, LCRA TSC and the City entered into that certain Interconnection Agreement executed as of August 19, 2008, as amended by that certain Amendment No. 1, executed as of January 20, 2010;

WHEREAS, LCRA TSC removed CT5, added switch FM105 and a mobile transformer connection point in 12.5 kV bay 1-5; and

WHEREAS, LCRA TSC will upgrade the Fort Mason Substation by adding a 5-breaker ring bus, converting the station from 60 kV to 138 kV, adding new communications equipment, adding a new control house and adding physical security-related equipment.

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

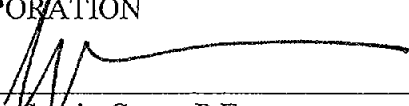
IN WITNESS WHEREOF, the Parties have caused this Second Amendment to be executed in several counterparts, each of which shall be deemed an original but all shall constitute one and the same instrument.

CITY OF MASON

By: 
Name: Brent Hinckley
Title: Mayor

Date: June 1, 2017

LCRA TRANSMISSION SERVICES
CORPORATION

By: 
Name: Sergio Garza, P.E.
Title: LCRA Vice President, Transmission
Design and Protection

Date: MAY 23, 2017



FACILITY SCHEDULE NO. 1
Second Amendment

1. **Name:** Ft. Mason Substation
2. **Facility Location:** The Ft. Mason Substation is located at 1459 Post Hill St., Mason, Mason County, Texas 76856.
3. **Points of Interconnection:** There are six (6) Points of Interconnection in the Ft. Mason Substation generally described as:
 - where the incoming distribution line connects to the tubular bus between switches FM121 and FM123 at breaker FM120.
 - where the jumper from breaker FM120, passing through CT2, connects to the 4 hole pad on switch FM119.
 - where the jumper from breaker FM120 connects to the 4 hole pad on switch FM121.
 - where the incoming distribution line connects to the tubular bus between switches FM131 and FM133 at breaker FM130.
 - where the jumper from breaker FM130, passing through CT3, connects to the 4 hole pad on switch FM129.
 - where the jumper from breaker FM130 connects to the 4 hole pad on switch FM131.
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 metered voltage is 12.5 kV. The metering current transformer is located in the regulator bay. The metering 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:**

City of Mason owns:

 - Two (2) distribution circuits including dead-end insulators that attach to the dead-end structure, conductor, and hardware
 - Two (2) distribution circuit breakers FM120 and FM130, including foundations, jumpers, and protective relaying

LCRA TSC owns:

The Ft. Mason Substation including, but not limited to, the following items:

- One (1) 138 kV circuit switcher CS28305 with bypass switch 28307, disconnect switch 28304, foundation, jumpers and protective relaying
- One (1) power transformer T1 with associated surge arresters, foundation, jumpers and protective relaying
- One (1) transformer bus disconnect switch FM105
- All distribution and total bays including A-frames, trusses, insulators, disconnect switches, surge arresters, 12.5 kV operating and transfer bus, bus potential transformers, metering current transformers and mobile connection
- One (1) station service SS1 with fuse F4
- Two (2) control houses (20' x 24' and 24' x 42') with batteries, battery chargers and appurtenances
- Substation property, ground grid, gravel, fencing and other appurtenances

10. Operational Responsibilities of Each Party: Each Party is fully responsible for the operation of the equipment it owns.

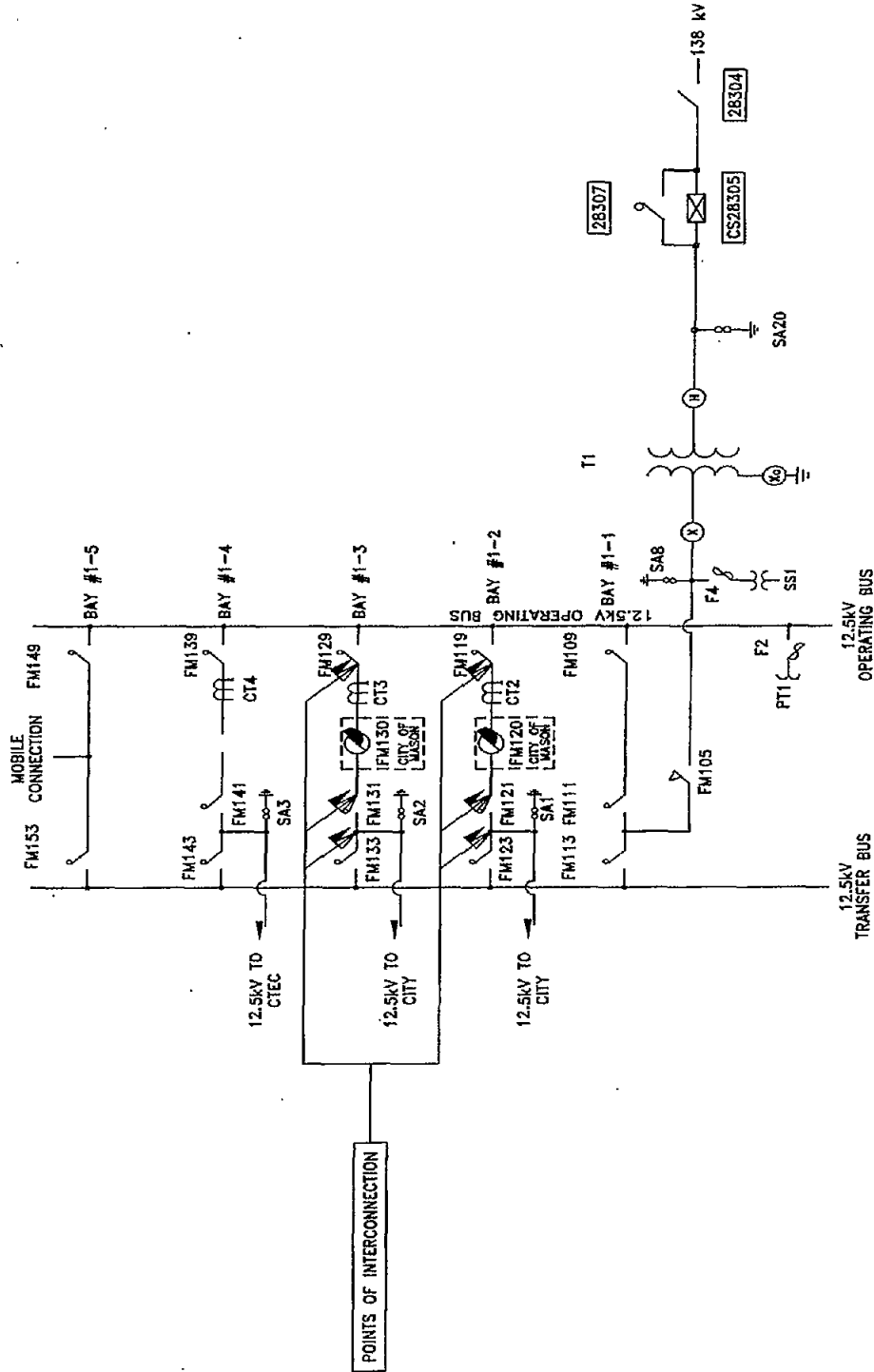
11. Maintenance Responsibilities of Each Party: Each Party will be fully responsible for the maintenance of the equipment it owns.

12. Other Terms and Conditions:

- LCRA TSC will provide City access to 125 VDC and 120 VAC power in the 20' x 24' control house. Circuits must have over current protection devices (OCPD) sized according to NEC standards.
- LCRA TSC will provide City with floor space 20' x 24' control house. (as available and as necessary) in its control house for the installation of City required panels and equipment.
- Fort Mason Substation will be converted to 138 kV with a five breaker ring bus as part of Amendment 2.
- Fort Mason Substation access and physical security will be in accordance with LCRA TSC standards which includes:
 - An 8' tall ½" mesh security fence topped with 1'6" concertina wire
 - Intrusion detection
 - Perimeter lighting
 - Hardened chains and locks at access points
 - Yard and control house surveillance (cameras)
 - Card reader control house access with intercom to SOCC
 - RTU/Security cabinet card access only
 - No control house windows (houses with existing windows will have them blocked)
 - 120 db sirens and flashing lights inside and outside of control house

FT. MASON ONE-LINE DIAGRAM

Second Amendment



FT. MASON SUBSTATION

THIS IS NOT A COMPLETE ONE-LINE DIAGRAM
 FOR A COMPLETE ONE-LINE DIAGRAM OF THIS
 SUBSTATION, REFER TO DRAWING S222-E-0001-01