

FOURTH AMENDMENT TO THE AMENDED AND RESTATED INTERCONNECTION AGREEMENT

This Fourth Amendment to the Amended and Restated Interconnection Agreement ("Fourth Amendment") is entered into this ___ day of __2024, by and between the City of San Marcos, Texas (San Marcos Texas Electric Utility or "SMTXU") and LCRA Transmission Services Corporation ("LCRA TSC"), referred to individually as "Party" and collectively as "Parties".

WHEREAS, LCRA TSC and SMTXU entered into that certain Amended and Restated Interconnection Agreement executed January 17, 2017, as amended by that certain First Amendment, executed as of May 13, 2019, as amended by that certain Second Amendment, executed as of February 7, 2020, as amended by that certain Third Amendment executed as of June 1, 2021 (collectively, as amended, the "Agreement");

WHEREAS, LCRA TSC will upgrade the existing T230 San Marcos – Strahan 138-kV transmission line and OPGW.

WHEREAS, LCRA TSC will install a mobile transformer at Strahan to serve SMTXU load during T1 XFMR bus outage.

WHEREAS, SMTXU will coordinate with LCRA TSC concerning the installation of the mobile transformer at Strahan.

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

1. Exhibit "A" is deleted in its entirety, and the Exhibit "A" attached to this Fourth Amendment is added to the Agreement in lieu thereof.
2. Facility Schedule No. 2, (including the diagrams attached thereto) is deleted in its entirety, and Facility Schedule No. 2A attached to this Fourth Amendment is added to the Agreement in lieu thereof.

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IN WITNESS WHEREOF, the Parties have caused this Fourth Amendment between LCRA Transmission Services Corporation and between SMTXU 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 SAN MARCOS, TEXAS

By: _____

Name: _____

Title: City Manager, City of San Marcos Texas

Date: _____

LCRA TRANSMISSION SERVICES CORPORATION

By: _____

Name: _____

Title: LCRA Vice President, Transmission
Design and Protection

Date: _____

EXHIBIT A

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**FOURTH AMENDMENT
FACILITY SCHEDULE NO. 2A**

1. **Name:** Strahan
2. **Facility Location:** The Strahan Substation is located at 709 Aquarena Springs Dr. (Loop 82), San Marcos, Texas in Hays County. Strahan is located at the following approximate coordinates: latitude: 29.89000000; longitude: -97.93200000.
3. **Point of Interconnection:** There are three (3) Points of Interconnection in the Strahan Substation generally described as:
 - 3.1. where the SMTXU-owned 12.5-kV bus terminates at the LCRA TSC-owned power transformer (Tl) low-voltage bushings;
 - 3.2. where the four-hole pad from the LCRA TSC-owned jumper from 12.5-kV mobile switch ST582 contacts the SMTXU-owned 12.5-kV operating bus terminal pad; and
 - 3.3. where the four-hole pad from the LCRA TSC-owned jumper from 12.5-kV mobile switch ST585 contacts the SMTXU-owned 12.5-kV transfer bus terminal pad.
4. **Transformation Services Provided by LCRA TSC:** Yes, per separate Transformation Service Agreement.
5. **Metering Services Provided by LCRA TSC:** Yes, per separate Wholesale Metering Service Agreement.
6. **Delivery Voltage:** 12.5-kV
7. **Metered Voltage and Location:** There is one (1) LCRA TSC-owned meter point at Strahan Substation generally described as:
 - 7.1 One (1) set of 12.5-kV metering accuracy current transformers located in the Tl low- side bushings. One (1) set of 12.5-kV metering accuracy potential transformers located on the 12.5-kV Tl operating bus.
8. **One Line Diagram Attached:** Yes
9. **Description of Facilities Owned by Each Party:**
 - 9.1 **SMTXU owns:**
 - 9.1.1 The Strahan Substation property, ground grid, gravel, fencing and other appurtenances;
 - 9.1.2 Five (5) distribution circuit breakers (ST510, ST520, ST530, ST550, and ST560);
 - 9.1.3 15-kV bus potential transformers;
 - 9.1.4 Six (6) distribution and total bays including A-frames, trusses, insulators, disconnect switches, surge arresters, 12.5-kV operating

and transfer bus, bus potential transformers, and metering current transformers; and

9.1.5 One (1) under build distribution circuit, including cross-arms and appurtenances, attached to LCRA TSC's 138-kV Hilltop to Strahan transmission line structures (no. 4 through 9) of LCRA TSC's.

9.1.6 One (1) 120/240 AC Panel

9.1.7 One (1) 125 VDC Panel

9.2 LCRA TSC owns:

9.2.1. The following transmission lines comprised of structures, conductors, insulators, OPGW, splice cans, and connecting hardware:

9.2.1.1. 138-kV Hilltop to Strahan transmission line;

9.2.1.2. 138-kV San Marcos to Strahan transmission line;

9.2.2. 138-kV ring bus including structures, bus supports, insulators, hardware, foundations, and jumpers;

9.2.3. One (1) power transformer T1 with associated surge arresters;

9.2.4. One (1) 138-kV circuit switcher (CS9515) with bypass switch (9517) and disconnect switch (9512);

9.2.5. Two (2) mobile transformer disconnect switches (ST582 and ST585) on the ends of the 12.5-kV operating and transfer buses;

9.2.6. Station Service equipment; and

9.2.7. One (1) control enclosure with battery bank, charger, HVAC, and other appurtenances.

9.3 LCRA TSC is responsible for installing and will own the following to support the Project:

9.3.1 Upgrading the existing T230 San Marcos – Strahan 138-kV transmission line to a minimum 105 deg F ambient temperature rating of 580 MVA (MOT 482 deg. F) using single 1433.6 ACSS/TW Merrimack conductor and 144 OPGW.

9.3.5 Replace CCVT2 with potential transformers (PT-2) and associated surge arrestors (SA-4).

9.3.6 Install a mobile transformer at Strahan to serve SMTXU load during T1 Transformer bus outage.

9.3.7 Install one PVT-1 with associated surge arrestor (SA-5).

9.4 SMTXU is responsible for the following in association with the project:

9.4.1 Coordination with LCRA TSC on the installation of the mobile transformer at Strahan to install the new PVT-1.

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:

12.1. Access and Physical Security

12.1.1. SMTXU and LCRA TSC are to share access to the substation by LCRA TSC hardened locks in the gate and in the control enclosure doors.

12.2. Joint Use of Structures and Easements

The Parties will execute a separate Joint Use Agreement ("JUA") defining the terms and conditions for SMTXU's joint use and attachment to LCRA TSC's Strahan to Hilltop 138-kV transmission line.

13. Project Responsibilities:

13.1. Project Name: Strahan Substation Addition

13.2. Projected In-Service Date(s): May 15, 2025

13.3. Project Costs: Each Party will be responsible for all costs incurred in connection with the design, procurement, and construction activities for the facilities it owns.

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