



Control Number: 35077



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PUC Project No. 35077

Amendment to Interconnection Agreement

Between

Oncor Electric Delivery Company LLC

and

LCRA Transmission Services Corporation

June 27, 2011

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AMENDMENT TO INTERCONNECTION AGREEMENT

(FACILITY SCHEDULE NO. 22 - PLEASANT FARMS POINT OF INTERCONNECTION)

This Amendment No. 11 ("Amendment") is made and entered into this 27th day of June, 2011 between Oncor Electric Delivery Company LLC, formerly known as Texas Utilities Electric Company ("Oncor"), and the LCRA Transmission Services Corporation ("LCRA TSC"), hereinafter individually referred to as "Party" and collectively referred to as "Parties".

WHEREAS, the LCRA TSC and Texas Utilities Electric Company entered into that certain Interconnection Agreement executed October 17, 1997, as amended by that certain Amendment No. 1, executed as of 5/29/1998, amended by that certain Amendment No. 2, executed as of 11/19/1999, amended by that certain Amendment No. 3, executed as of 10/27/2000, amended by that certain Amendment No. 4, executed as of 1/29/2003, amended by that certain Amendment No. 5, executed as of 4/3/2003, amended by that certain Amendment No. 6, executed as of 8/22/2003, amended by that certain Amendment No. 7, executed as of 10/31/2003, amended by that certain Amendment No. 8, executed as of 10/5/2004, amended by that certain Amendment No. 9, executed as of 10/27/2006, amended by that certain Amendment No. 10, executed as of 4/28/2008 (collectively, as amended, the "Agreement"); and

WHEREAS, the Oncor transmission line from Pegasus and South Pegasus Substations will temporarily interconnect with LCRA TSC at a temporary transmission line structure near the future Pleasant Farms Substation; and

WHEREAS, the Oncor transmission line from Pegasus and South Pegasus Substations will interconnect with LCRA TSC at the Pleasant Farms 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 attached to the Agreement is deleted in its entirety and Exhibit A attached to this Amendment is hereby added to the Agreement in lieu thereof.
2. Exhibit A attached to this Amendment will become effective upon execution of this Amendment by the Parties.
3. Facility Schedule No. 22 attached to this Amendment is hereby added to the Agreement.
4. Facility Schedule No. 22 attached to this Amendment will become effective upon execution of this 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 Amendment to be executed in several counterparts, each of which shall be deemed an original but all shall constitute one and the same instrument.

ONCOR ELECTRIC DELIVERY COMPANY
LLC

By: _____

Name: Jeffrey B. Herring

Title: Director - Transmission Services

Date: 6/27/11

LCRA TRANSMISSION SERVICES
CORPORATION

By: _____

Name: Ray Pfefferkorn, P.E.

Title: Transmission Engineering Manager

Date: 6/20/11



EXHIBIT A

LIST OF FACILITY SCHEDULES AND POINTS OF INTERCONNECTION

<u>Facility Schedule No.</u>	<u>Name of Point of Interconnection</u>
1	ROUND ROCK-CHIEF BRADY
2	ROUND ROCK-MCNEIL
3	COPPERAS COVE SUBSTATION
4	ELGIN SUBSTATION
5	HOWARD LANE – ROUND ROCK SOUTH
6	CAMP BOWIE SUBSTATION
7	GILLELAND SUBSTATION
8	MITCHELL-STERLING COUNTY
9	COLEMAN-BROWN COUNTY
10	SPRABERRY
11	MIDKIFF
12	UPTON
13	CRANE
14	ARCO TAP
15	ODESSA EHV
16	BITTER CREEK
17	SANTA ANNA – BROWNWOOD
18	SOUTH ABILENE-ESKOTA
19	CRANE EAST SUBSTATION
20	HUTTO SWITCHING STATION
21	GABRIEL SUBSTATION
22	PLEASANT FARMS SUBSTATION

FACILITY SCHEDULE NO. 22

1. **Name:** Pleasant Farms Point of Interconnection
2. **Facility Location:** The Pleasant Farms Point of Interconnection is located in Ector County near the community of Pleasant Farms approximately 7.6 miles south of Oncor's Odessa EHV Switching Station between structures #201 and #203 in the LCRA TSC's 138 kV transmission line from Odessa EHV Switching Station to the LCRA TSC's Crane Switching Station.
3. **Points of Interconnection:** The Point of Interconnection is located at the LCRA TSC's dead-end structure located inside the LCRA TSC's Pleasant Farms Substation where the LCRA TSC's jumpers at the LCRA TSC's dead-end structure connect to Oncor's Pleasant Farms Substation – Pegasus and Pegasus South substations 138 kV transmission line (approximately 6 miles from Pleasant Farms Substation to Pegasus Substation and approximately 9.5 miles from Pleasant Farms Substation to South Pegasus Substation).
4. **Transformation Services Provided:** No
5. **Metering Services Provided:** 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:**

Facilities owned by the LCRA TSC: The new Pleasant Farms Substation, including, but not limited to the following:

- (a) The existing Odessa EHV Switching Station - Crane Switching Station 138 kV transmission line
- (b) Dead-end structure(s) and associated foundations, insulators and jumpers to terminate the LCRA TSC's Odessa EHV Switching Station - Crane Switching Station 138 kV transmission line and Oncor's Pleasant Farms Substation – Pegasus and Pegasus South substations 138 kV transmission line
- (c) Necessary 138 kV buswork, bus supports, and associated foundations and insulators
- (d) Three (3) 138 kV motor operated switches #23031, #23041 and #23051, with interrupters
- (e) Three (3) 138 kV surge arresters, SA-1

- (f) Power potential transformer, PVT-1
- (g) Supervisory equipment, SCADA RTU
- (h) Control house with appurtenances
- (i) Substation land, ground grid, conduit, cable and fencing

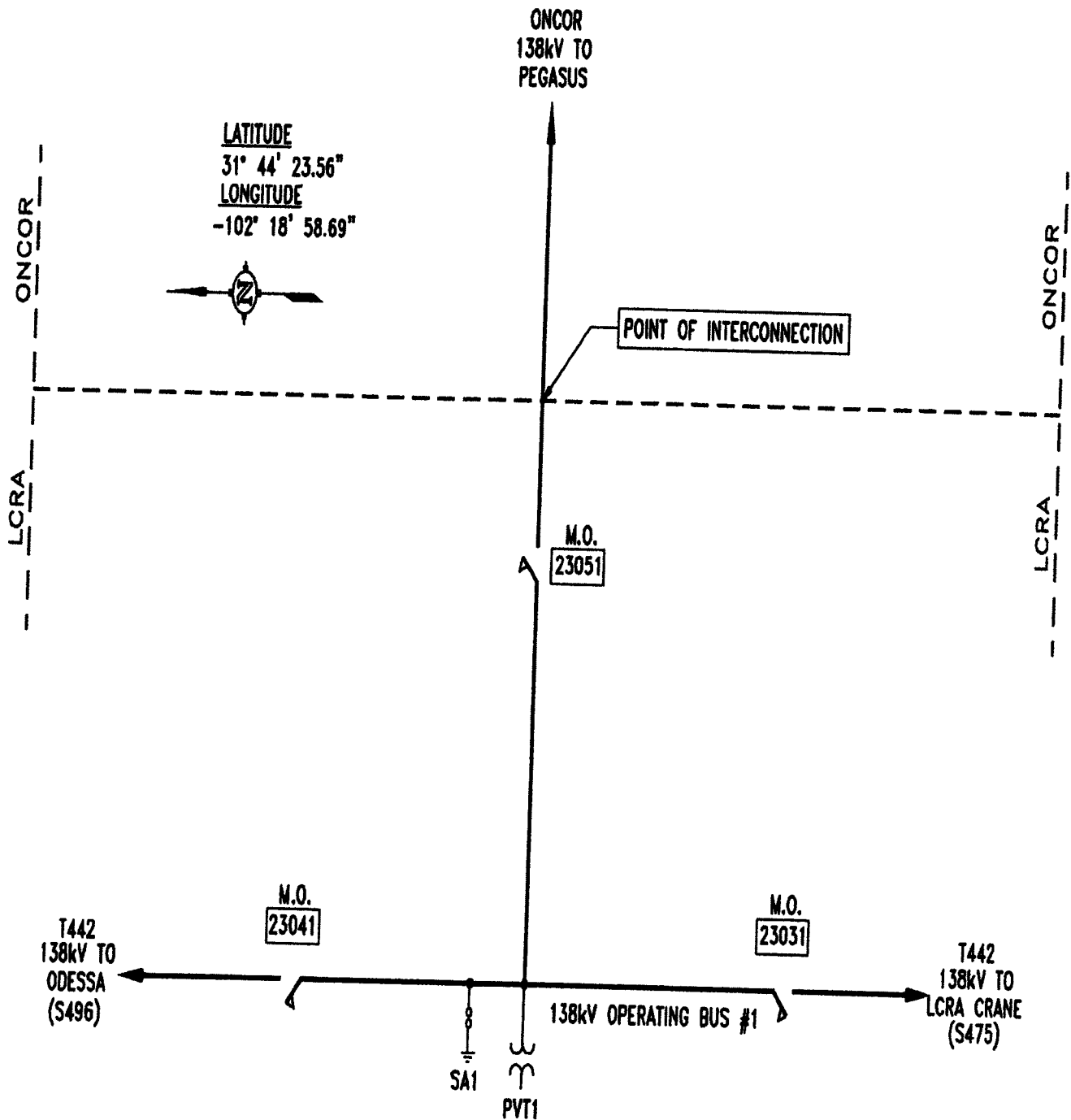
Facilities owned by Oncor:

The new Pleasant Farms Substation – Pegasus and Pegasus South substations 138 kV transmission line, including insulators and termination hardware to terminate this new transmission line on the LCRA TSC's dead-end structure at the Point of Interconnection

10. **Operational Responsibilities of Each Party:** Each Party will be responsible for the operation of the equipment it owns associated with the Point of Interconnection.
11. **Maintenance Responsibilities of Each Party:** Each Party will be fully responsible for the maintenance of the equipment it owns associated with the Point of Interconnection.
12. **Other Terms and Conditions:**
 - (a) Prior to the LCRA TSC's construction of the Pleasant Farms Substation, Oncor will, at its cost, construct and own a temporary 138 kV tap at the LCRA TSC's Pleasant Farms Substation location. Oncor's facilities associated with the temporary 138 kV tap will consist of the following facilities to establish a hard tap (without sectionalizing switches) in the LCRA TSC's Odessa EHV Switching Station - Crane Switching Station 138 kV transmission line: a temporary in-line wood pole structure and associated buswork, jumpers, insulators and hardware to establish a connection to the LCRA TSC's transmission line. Also, Oncor will, at its cost, construct, and the LCRA TSC will own, the following facilities associated with the temporary 138 kV tap: in-line (floating) dead-end insulators, including associated hardware, in the LCRA TSC's transmission line at the temporary point of interconnection to allow the Pleasant Farms Substation – Odessa EHV and the Pleasant Farms Substation – Crane 138 kV transmission line sections to be separately isolated. The temporary point of interconnection between Oncor's and the LCRA TSC's facilities will be where Oncor's jumpers at Oncor's temporary in-line wood pole structure connect to the LCRA TSC's Odessa EHV Switching Station - Crane Switching Station 138 kV transmission line on each side of the LCRA TSC's in-line insulators. Under this temporary arrangement Oncor's 138 kV tap line will extend from Oncor's temporary in-line wood pole structure to Oncor's Pegasus and South Pegasus substations.
 - (b) Prior to the LCRA TSC's construction of the LCRA TSC's Pleasant Farms Substation, Oncor will relocate its temporary 138 kV tap facilities to a location on the LCRA TSC's property mutually agreed to by the Parties to allow space for the LCRA TSC to construct the Pleasant Farms Substation (see Item 9 above).

- (c) After the LCRA TSC completes the construction of the Pleasant Farms Substation, the Pleasant Farms Point of Interconnection as described in Item 3 above will be energized from the LCRA TSC's Pleasant Farms Substation and Oncor will remove its temporary 138 kV tap facilities.
- (d) Oncor and the LCRA TSC will each be responsible for all costs it incurs in connection with the construction, removal, replacement and ongoing operation and maintenance of the Pleasant Farms Point of Interconnection, including the temporary point of interconnection described herein.
- (e) The Parties agree to cause their facilities being newly constructed in conjunction with the establishment of the Pleasant Farms Point of Interconnection to be designed and constructed in accordance with (a) Good Utility Practice, as such term is defined in PUCT Rule 25.5(56), or its successor, (b) applicable laws and regulations, (c) the applicable provisions of the North American Electric Reliability Corporation (NERC) Reliability Standards, (d) the applicable Electric Reliability Council of Texas (ERCOT) requirements, including the ERCOT Operating Guides, ERCOT Protocols, as well as any other binding documents adopted by ERCOT relating to the interconnection and operation of electric systems in ERCOT, including any amendments of those Guides, Protocols, and binding documents that are adopted by ERCOT from time to time, and any successors thereto, and (e) the applicable provisions of the following standards in effect at the time of construction of said newly constructed facilities: National Electrical Safety Code (NESC), American National Standards Institute (ANSI) standards, and Institute of Electrical and Electronic Engineers (IEEE) standards.

ONE-LINE DIAGRAM



S-670 PLEASANT FARMS SUBSTATION