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PUBLIC UTILITY COMMISSION OF TEXAS

Substantive Rule 25.195(e)

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**AMENDMENT TO
INTERCONNECTION AGREEMENT**

DATED AS OF FEBRUARY 14, 2012

**BETWEEN
ONCOR ELECTRIC DELIVERY COMPANY LLC
AND
LONE STAR TRANSMISSION, LLC**

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**AMENDMENT TO
INTERCONNECTION AGREEMENT**

This Amendment ("Amendment") to the Interconnection Agreement dated September 12, 2011 ("Agreement") by and between Oncor Electric Delivery Company LLC, ("Oncor"), and Lone Star Transmission, LLC ("Lone Star") is made this 14 day of FEBRUARY, 2012

In consideration of the mutual promises and undertakings herein set forth and other good and valuable consideration, the parties hereby 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 Amendment is hereby added to the Agreement in lieu thereof.
2. Facility Schedules No.'s 2 and 3 (including the one-line diagrams attached thereto) are hereby added to the Agreement.

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**

LONE STAR TRANSMISSION, LLC

By: _____

By: [Signature]

Name: _____

Name: MICHAEL G. GRABUS

Title: _____

Title: PRESIDENT

Date: _____

Date: 24 JAN 2012

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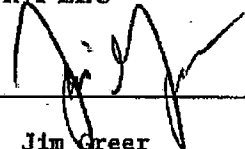
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**ONCOR ELECTRIC DELIVERY
COMPANY LLC**

LONE STAR TRANSMISSION, LLC

By:  _____

By: _____

Name: Jim Greer

Name: _____

Title: Chief Operating Officer

Title: _____

Date: February 14, 2012

Date: _____

EXHIBIT A

LIST OF FACILITY SCHEDULES AND POINTS OF INTERCONNECTION

FACILITY SCHEDULE NO.	NAME OF POINT OF INTERCONNECTION	INTERCONNECTION VOLTAGE (KV)
1	Scurry County South	345
2	Sam Switching Station	345
3	Navarro Switching Station	345

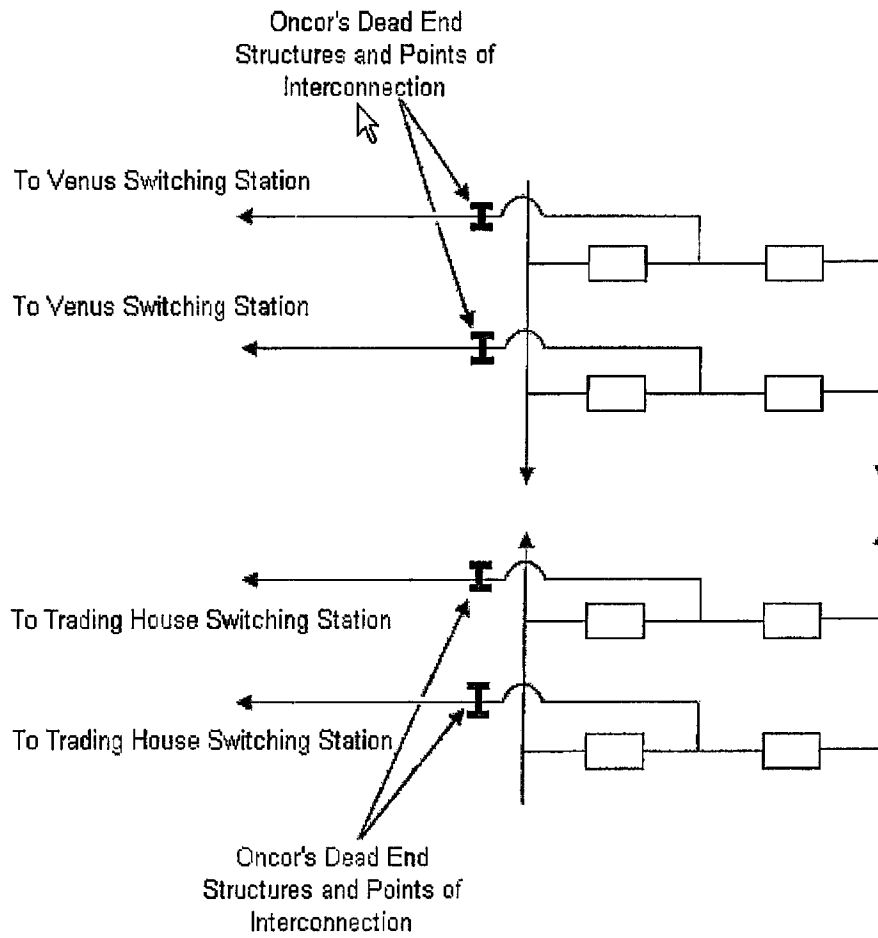
FACILITY SCHEDULE NO. 2

1. Name: Sam Switch Switching Station
2. Point of Interconnection location:
Four Points of Interconnection located on Oncor's dead end structures outside the fence at Lone Star's Sam Switch Switching Station in Hill County ("Switching Station"), at the point where Oncor's jumpers connect its transmission circuits to Lone Star's conductors entering the Sam Switch Switching Station.
3. Delivery voltage: 345 kV
4. Metering (voltage, location, losses adjustment due to metering location, and other): N/A
5. Normally closed (check one): ☒ Yes / ☐ No
6. One line diagram attached (check one): ☒ Yes / ☐ No
7. Facilities to be furnished by Oncor:
 - a) 345 kV electric transmission circuits, from the following substations:
Two (2) from the Oncor Venus substation, each comprised of three phases, bundled "Drake" 795 ACSR conductors rated at 1794 amperes at 194 degrees F
Two (2) from the Oncor Tradinghouse substation, each comprised of three phases, bundled "Drake" 795 ACSR conductors rated at 1794 amperes at 194 degrees F
 - b) One 7/16" EHS Steel static overhead ground wire on each circuit
 - c) Self supporting dead end structures constructed on Lone Star property outside the Switching Station fence made of steel lattice, caisson foundations, grounding, and related appurtenances
8. Facilities to be furnished by Lone Star:
 - a) Sam Switch Switching Station
 - b) Four dead-end structures inside the Switching Station, bundled "Falcon" 1590 ACSS/TW conductor rated at 5000 amps with one 7#7 overhead ground wire span from each such structure to Oncor's dead end structures located outside the Switching Station
 - c) 8 ea. - Circuit breakers, 380 kV, 5000 amperes, 63 kA
 - d) 16 ea. - Switch, air break, 345kV, 5000 amperes, manual gang operated, 3 phase
 - e) 4 ea. - CCVT's 345 kV, three secondary windings for metering and relaying, 3 phase set
 - f) 4 ea. - Wave Trap, 3000A, 345 kV
 - g) 4 ea. - Surge arrestors, 345 kV, 3 phase set
 - h) 1 lot - All galvanized steel structures, including dead ends, switch stands, metering structures, surge arrestor supports, CCVT supports, line trap supports, static mast, and bus supports necessary for construction and operation of the Switching Station
 - i) 1 lot - Associated buswork, conductor, connectors, grounding, conduit, control cable, foundation work, perimeter fencing, grading/dirt work and any appurtenances necessary for operation of the Switching Station
 - j) 1 lot - Control Building, including all lighting, AC power facilities, DC battery and charger system and auxiliary equipment
 - k) 1 lot - Relaying Equipment:
4 ea - Line protective panels (Distance, DCB, DTT)
4 ea - Breaker control panels
(UPLC carrier equipment located in line panel above)

9. Cost Responsibility:
Each party is responsible for the cost for its own facilities.
10. Switching and Clearance:
Each Party has adopted formal switching procedures that govern safety related issues concerning the operation of its switches connected to these Points of Interconnection and will provide a copy of those procedures to the other Party upon request. Each Party agrees to comply with the aforementioned switching procedures of the other Party with respect to holds requested on switching devices owned by such other Party.
11. Standards:
The Parties agree to cause their facilities being newly constructed, as described in this Facility Schedule, to be designed and constructed in accordance with (a) Good Utility Practice, (b) applicable laws and regulations, (c) the applicable provisions of the NERC Reliability Standards and ERCOT Requirements, and (d) the applicable provisions of the following standards in effect at the time of construction of this Point of Interconnection: NESC, ANSI Standards, and IEEE Standards.
12. Supplemental terms and conditions attached (check one): X Yes / No
- a) The Parties will comply with the version of Oncor Standard 500-252 Guideline – Facility Connection Requirements for Bi-Directional Points of Interconnection at Transmission Voltage with Electric Utilities in effect at the time this Facility Schedule is signed.

ONE LINE DIAGRAM

Sam Switching Station



FACILITY SCHEDULE NO. 3

1. Name: Navarro Switching Station
2. Point of Interconnection location:
Eight Points of Interconnection located on Oncor's dead end structures outside the fence at Lone Star's Navarro Switching Station in Navarro County ("Switching Station"), at the point where Oncor's jumpers connect its transmission circuits to Lone Star's conductors entering the Switching Station.
3. Delivery voltage: 345 kV
4. Metering (voltage, location, losses adjustment due to metering location, and other): N/A
5. Normally closed (check one): ☒ Yes / ☐ No
6. One line diagram attached (check one): ☒ Yes / ☐ No
7. Facilities to be furnished by Oncor:
 - a) 345-kV electric transmission circuits, from the following substations:
Two (2) from the Oncor Watermill substation, each comprised of three phases, bundled "Falcon" 1590 ACSR conductors rated at 2694 amperes at 194 degrees F
Two (2) from the Oncor Venus substation, each comprised of three phases, bundled "Drake" 795 ACSR conductors rated at 1794 amperes at 194 degrees F
Two (2) from the Oncor Big Brown substation, each comprised of three phases, bundled "Drake" 795 ACSR conductors rated at 1794 amperes at 194 degrees F
Two (2) from the CenterPoint Limestone substation, each comprised of three phases, bundled "Falcon" 1590 ACSR conductors rated at 2694 amperes at 194 degrees F
 - b) One 7/16" EHS Steel static overhead ground wire on each circuit
 - c) Self supporting dead end structure constructed on Lone Star property outside the Switching Station fence made of steel lattice, caisson foundations, grounding, and elated appurtenances
 - d) One (1) communication hut on a graded and grounded 30 x 20 ft. site along with fence on North and East side of the house with a 4ft. gate.
 - e) One (1) demarcation box for interfacing with Lone Star with regard to the data described in Section 8(q) below.
 - f) Required DFR panel(s), Dc system and cables for interconnection with Lone Star.
 - g) Phone circuit with necessary High Voltage Protection Equipment (HVPE), to the communication hut.
8. Facilities to be furnished by Lone Star:
 - a) Navarro Switching Station
 - b) Eight dead-end structures inside the Switching Station, bundled "Falcon" 1590 ACSS/TW conductor rated at 5000 amps with one 7#7 overhead ground wire span from each such structure to Oncor's dead end structures located outside the Switching Station
 - c) 14 ea. - Circuit breakers, 380 kV, 5000 amperes, 63 kA (Center Breaker to line #1 to Watermill is rated 550 kV)
 - d) 28 ea. - Switch, air break, 345kV, 5000 amperes, manual gang operated, 3 phase
 - e) 8 ea. - Line Switch, air break, 345kV, 5000 amperes, motor operated, 3 phase
 - f) 8 ea. - CCVT's 345 kV, three secondary windings for metering and relaying, 3 phase set
 - g) 8 ea. - Wave Trap, 3000A, 345 kV

- h) 8 ea. – Surge arrestors, 345 kV, 3 phase set
- i) 1 lot – All galvanized steel structures, including dead ends, switch stands, metering structures, surge arrestor supports, CCVT supports, line trap supports, static mast, and bus supports necessary for construction and operation of the Switching Station
- j) 1 lot – Associated buswork, conductor, connectors, grounding, conduit, control cable, foundation work, perimeter fencing, grading/dirt work and any appurtenances necessary for operation of the Switching Station
- k) 1 lot – Control Building, including all lighting, AC power facilities, DC battery and charger system and auxiliary equipment
- l) 1 lot – Relaying Equipment:
 - 8 ea – Line protection panels (Distance, DCB, DTT)
 - 6 ea – Breaker control panels
 - (UPLC carrier equipment located in line panel above)
- m) Graded 30x20 ft site for Oncor's communication hut described in Section 7 above, including land easement.
- n) Grounded fence on South and West of Oncor's communication hut.
- o) AC service to Oncor's communication hut via one (1) 4c-#8 power cable.
- p) Conduits, cables and necessary equipment connections for following signals from Switching Station to Oncor demarcation box.
 - i. For Limestone #1 and #2 lines
 - Analogs- $I_A, I_B, I_C, I_{R1}, I_{R2}$ & V_A, V_B, V_C
 - Event status -Trip#1, Trip#2, Close signals on Line breaker#1
 - Trip#1, Trip#2, Close signals on Tie breaker#2
 - Actual 52b contacts (not mimic contacts) from each breaker
 - Carrier Start, Carrier Stop, Carrier Receive
 - Transfer Trip Receive, Transfer Trip Transmit, Transfer Trip Guard.

9. Cost Responsibility:

Each party is responsible for the cost for its own facilities.

10. Switching and Clearance:

Each Party has adopted formal switching procedures that govern safety related issues concerning the operation of its switches connected to these Points of Interconnection and will provide a copy of those procedures to the other Party upon request. Each Party agrees to comply with the aforementioned switching procedures of the other Party with respect to holds requested on switching devices owned by such Party.

11. Standards:

The Parties agree to cause their facilities being newly constructed, as described in this Facility Schedule, to be designed and constructed in accordance with (a) Good Utility Practice, (b) applicable laws and regulations, (c) the applicable provisions of the NERC Reliability Standards and ERCOT Requirements, and (d) the applicable provisions of the following standards in effect at the time of construction of this Point of Interconnection: NESC, ANSI Standards, and IEEE Standards.

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- a) The Parties will comply with the version of Oncor Standard 500-252 Guideline – Facility Connection Requirements for Bi-Directional Points of Interconnection at Transmission Voltage with Electric Utilities in effect at the time this Facility Schedule is signed.

ONE LINE DIAGRAM

Navarro Switching Station

