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PROJECT NO. 35077

INFORMATIONAL FILING OF ERCOT § PUBLIC UTILITY OF COMMISSION
INTERCONNECTION AGREEMENTS §
PURSUANT TO SUBST. R. §25.195(e) § OF TEXAS

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March 28, 2012

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**AMENDMENT TO
INTERCONNECTION AGREEMENT**

This Amendment ("Amendment") to the Interconnection Agreement, dated May 4, 2001 between TXU Electric Company and Reliant Energy HL&P (the "Agreement") is made and entered into this 27th day of MARCH, 2012, between Oncor Electric Delivery Company LLC ("Oncor") (successor in interest to TXU Electric Company) and CenterPoint Energy Houston Electric, LLC ("CenterPoint Energy") (successor in interest to Reliant Energy HL&P) hereinafter individually referred to as "Party" and collectively referred to as "Parties". 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 Amendment is hereby added to the Agreement in lieu thereof.
2. Facility Schedule No. 1 of the Agreement is deleted in its entirety and the Facility Schedule No. 1 attached to this Amendment is hereby added to the Agreement in lieu thereof.
3. This Amendment shall be effective upon the last date of execution 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: 3/15/12

CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC

By: _____

Name: MICHAEL J. PAKELIS

Title: DIRECTOR, TRANSMISSION OPERATIONS

Date: 3/27/12

EXHIBIT A

LIST OF FACILITY SCHEDULES AND POINTS OF INTERCONNECTION

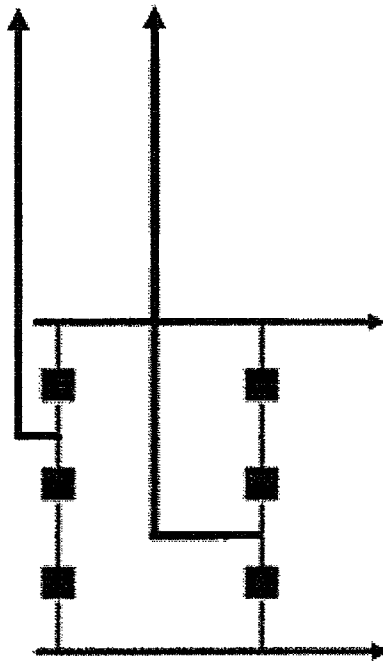
<u>Facility Schedule No.</u>	<u>Name of Point of Interconnection</u>
1	Limestone-Navarro 345 kV Interconnection
2	Jewett - Singleton 345 kV Interconnection
3	Twin Oak - Limestone 345 kV Interconnection

FACILITY SCHEDULE NO. 1

- 1) **Name of Point of Interconnection:** Limestone-Navarro 345 kV Interconnection.
- 2) **Point of Interconnection location:** CenterPoint Energy's Limestone Substation, Limestone County, Texas.
The Point of Interconnection location is defined as the physical junctions between Oncor's Limestone-Navarro double-circuit 345 kV transmission line ("Transmission Line") circuit conductor connectors and CenterPoint Energy's 345 kV jumpers on CenterPoint Energy's Limestone Substation deadend structure located inside the fence.
- 3) **Interconnection Voltage:** 345 kV
- 4) **Metering, Telemetry and Communications:**
 - a) Except as otherwise specified herein, CenterPoint Energy will design, procure, install, own, operate, test, calibrate and maintain the telemetry and communications equipment for the Point of Interconnection, including panels, remote terminal unit ("RTU"), current transformers, potential transformers, hardware, conduit, cable and any other associated equipment. Any changes to the telemetry or communications equipment, which will affect the data being received by the Parties must be mutually agreed to by the Parties. Each Party will promptly advise the other Party if it detects or otherwise learns of any metering, telemetry, communications equipment or situation that requires attention and/or correction by the other Party.
 - b) CenterPoint Energy will install and make available to Oncor two communication ports with Oncor's protocol in CenterPoint Energy's Limestone Substation SCADA RTU. CenterPoint Energy will make available at its SCADA RTU all data monitored by such RTU, including, but not limited to, all power and energy flows, breaker and switch status, currents, and voltages.
- 5) **Normally Closed (check one):** ☒ yes; ☐ no
- 6) **One line diagram attached (check one):** ☒ yes; ☐ no
- 7) **Facilities to be furnished by CenterPoint Energy:** CenterPoint Energy, at CenterPoint Energy's expense, will design, purchase, construct, install, set, own, operate, maintain, and control all necessary and desirable substation improvements to the CenterPoint Energy Limestone Substation required to establish the Point of Interconnection including, but not limited to, the following:
 - a) 345 kV circuit breaker additions;
 - b) 345 kV current transformers and potential transformers for interconnect metering and protective relaying;
 - c) multi-ported SCADA RTU with CenterPoint Energy and Oncor protocols;
 - d) telemetry equipment including modem(s) and communication channel(s) to CenterPoint Energy control center;
 - e) directional comparison blocking primary relaying scheme for use with a power line carrier communications channel for the transmission line utilizing negative sequence voltage polarized ground overcurrent relaying;
 - f) "ON-OFF" power line carrier communications channel equipment including phase-to-ground coupling (CenterPoint Energy "C" phase) with automatic check-back system;

- g) non-pilot phase and ground fault backup relaying scheme for the transmission line;
 - i) incorporate breaker failure relay for added breaker into existing local breaker failure relaying scheme;
 - j) multi-shot automatic reclosing control scheme for the transmission line with Live Bus/Dead Line and Live Bus/Live Line control utilizing synchronism check supervision;
 - k) separately protected DC branch circuits to supply the primary and backup relaying for the transmission line;
 - l) dead-end structures; and
 - m) dual channel transfer trip/transmitter and receiver equipment.
- 8) **Facilities to be furnished by Oncor:**
- a) Oncor, at its own expense, will design, purchase, construct, install, set, own, operate, maintain, and control the Transmission Line. Oncor will provide line termination fittings to and including four hole NEMA pads to connect CenterPoint Energy's jumpers to the Transmission Line at CenterPoint Energy's Limestone Substation.
 - b) Oncor will provide modem(s) and communication channel(s) that connect the port(s) on CenterPoint Energy's RTU to Oncor's control center.
9. **Cost Responsibility:** The Parties hereby agree that all work performed by CenterPoint Energy and all equipment purchased by CenterPoint Energy in establishing the Point of Interconnection shall be at CenterPoint Energy's expense and all work performed by Oncor and all equipment purchased by Oncor in establishing the Point of Interconnection shall be at Oncor's expense. CenterPoint Energy shall be responsible for the design, purchase, lease, installation, operation, and maintenance of the equipment and circuits carrying telemetry data from the CenterPoint Energy RTU to CenterPoint Energy's control center(s). Oncor shall be responsible for the design, purchase, lease, installation, operation, and maintenance of the equipment and circuits carrying telemetry data from the CenterPoint Energy RTU to Oncor's control center(s). It is the specific intent of the Parties that neither Party shall be responsible for any expense or work performed by the other Party.

To Navarro Switching Station



Limestone One-Line.