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PUBLIC UTILITY COMMISSION OF TEXAS  
Substantive Rule 25.195(e)

Project No. 35077

**Interconnection Agreement**

Dated as of January 11, 2005

**Amendment No. 4 Dated as of March 7, 2013**

Between

AEP TEXAS CENTRAL COMPANY

and

LCRA TRANSMISSION SERVICES CORPORATION

APRIL 9, 2013

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**AMENDMENT NO. 4 TO THE  
INTERCONNECTION AGREEMENT  
BETWEEN  
AEP TEXAS CENTRAL COMPANY  
AND  
LCRA TRANSMISSION SERVICES CORPORATION**

This Amendment No. 4 to the Interconnection Agreement between AEP Texas Central Company and LCRA Transmission Services Corporation (this "Amendment") is made by and between AEP Texas Central Company ("AEP") and LCRA Transmission Services Corporation ("LCRA TSC") as of this 7<sup>TH</sup> day of MARCH, 2013. AEP and LCRA TSC are each being referred to as a "Party" or collectively referred to as the "Parties."

**WITNESSETH**

WHEREAS, AEP and LCRA TSC are parties to that certain Interconnection Agreement dated as of January 11, 2005 (the "Interconnection Agreement");

WHEREAS, the Interconnection Agreement provides terms and conditions that allow a Point of Interconnection be added to or deleted from or amended to the Interconnection Agreement as mutually agreed by the Parties, whereby such addition or deletion be recorded in Exhibit A and a Facility Schedule be added or deleted in such a way that the numbering of the other Facility Schedules in the Interconnection Agreement is not changed;

WHEREAS, the Parties have agree to amend Facilities Schedule No. 64 of the Interconnection Agreement that provides for the El Campo Points of Interconnection; and

WHEREAS, the Parties have agreed to amend the Interconnection Agreement in accordance with its terms and conditions.

NOW, THEREFORE, in consideration of the foregoing premises and the mutual covenants set forth herein, the Parties agree as follows:

**I. CAPITALIZED TERMS.**

Capitalized terms used but not otherwise defined herein shall have the meanings specified in the Interconnection Agreement, as amended and supplemented by this Amendment.

**II. AMENDMENTS.**

This Amendment shall be effective as of the date first written above or upon such other date specified by the Federal Energy Regulatory Commission (the "Effective Date").

Effective as of the Effective Date, Facility Schedule No. 64 of the Interconnection Agreement is hereby amended and superseded by the revised Facility Schedule No. 64 attached hereto.

Effective as of the Effective Date, Exhibit A of the Interconnection Agreement is hereby amended and superseded by the revised Exhibit A attached hereto.

### **III. RATIFICATION OF OTHER TERMS.**

All other terms and conditions of the Interconnection Agreement which are not specifically amended by this Amendment shall remain unchanged and are hereby ratified by the Parties and shall continue to be in full force and effect.

IN WITNESS WHEREOF, the Parties have caused this Amendment to be executed in two (2) counterparts, each of which shall be deemed an original but both shall constitute one and the same instrument.

*JS*  
**AEP TEXAS CENTRAL  
COMPANY**

By *Scott N. Smith*  
Name: Scott N. Smith  
Title: Vice President

**LCRA TRANSMISSION SERVICES  
CORPORATION**

By *Ray Pfefferkorn* *2/8/13*  
Name: Ray Pfefferkorn, P.E.  
Title: LCRA Transmission  
Engineering Manager



# EXHIBIT A

Facilities Schedule No.	Name of Point of Interconnection (# of Points)	Delivery Voltage [kV]	LDF Charge Type <sup>(1)</sup>	Meter Voltage [kV]	Metering Installed Cost	Estimated Peak Load [kW]	Effective Date in this Agreement, Prior Agreements or Amendments
1A	Luling 69 (0)	-	-	-	-	-	June 1, 1973 November 1, 2008
1B	Luling City 12.5 (4)	12.5	-	-	-	-	June 1, 1973 November 1, 2008 April 28, 2010
2	Yorktown (1)	12.5					June 1, 1973
3	Nordheim (1)	12.5					June 1, 1973
4	Glidden (0)	-	-	-	-	-	October 8, 1979 November 1, 2008
5	LCRA Cuero (1)	138	T	138	-	-	June 1, 1973 November 1, 2008 April 28, 2010
6	Campwood (1)	69	T	69	-	-	December 28, 1990 March 16, 2007
7	LCRA Nixon (0)	-	-	-	-	-	April 11, 1994 November 1, 2008
8	Leakey (1)	12.5	-	12.5	-	-	December 10, 1998
9	Coletto Creek (1)	345	T	345	-	-	January 11, 2005
10	Citgo North Oak Park (3)	138	T	138	-	-	January 11, 2005 April 28, 2010
11	Lon C. Hill (2)	138	T	138	-	-	January 11, 2005 April 28, 2010

# **EXHIBIT A (continued)**

<b>Facilities Schedule No.</b>	<b>Name of Point of Interconnection (# of Points)</b>	<b>Delivery Voltage [kV]</b>	<b>LDF Charge Type <sup>(1)</sup></b>	<b>Meter Voltage [kV]</b>	<b>Metering Installed Cost</b>	<b>Estimated Peak Load [kW]</b>	<b>Effective Date in this Agreement, Prior Agreements or Amendments</b>
12	Highway 9 (1)	138	T	138	-	-	January 11, 2005 March 16, 2007 April 28, 2010
13	Nueces Bay (0)	-	-	-	-	-	January 11, 2005 April 28, 2010
14	Cantwell (2)	138	T	138	-	-	March 16, 2007 April 28, 2010
15	Weil Tract (2)	138	T	138	-	-	March 16, 2007 April 28, 2010
16	Rincon (1)	138	T	138	-	-	March 16, 2007
17	Rockport (2)	69 & 138	T	69 & 138	-	-	March 16, 2007
18	Fulton (1)	69	T	69	-	-	March 16, 2007
19	Roma (1)	138	T	138	-	-	March 16, 2007
20	Garceno (2)	138	T	138	-	-	March 16, 2007
21	Rio Grande City (2)	138	T	138	-	-	March 16, 2007
22	La Grulla (2)	138	T	138	-	-	March 16, 2007
23	Goodwin (2)	138	T	138	-	-	October 1, 2001 February 19, 2010
24	Frontera Switching Station 138 (1)	138	T	138	-	-	October 1, 2001 February 19, 2010
25	Asherton (1)	138	T	138	-	-	October 1, 2001 February 19, 2010
26	Conoco-Chittam Ranch Tap (2)	138	T	138	-	-	July 24, 2001 February 19, 2010

# EXHIBIT A (continued)

Facilities Schedule No.	Name of Point of Interconnection (# of Points)	Delivery Voltage [kV]	LDF Charge Type <sup>(1)</sup>	Meter Voltage [kV]	Metering Installed Cost	Estimated Peak Load [kW]	Effective Date in this Agreement, Prior Agreements or Amendments
27	Pueblo (2)	138	T	138	-	-	March 16, 2007
28	Escondido Switching Station(1)	138	T	138	-	-	March 16, 2007
29	Uvalde (1)	138	T	138	-	-	March 16, 2007
30	Asphalt Mines (2)	138	T	138	-	-	March 16, 2007
31	Bracketville (2)	138	T	138	-	-	March 16, 2007
32	Hamilton Road (0)	-	-	-	-	-	March 16, 2007 March 16, 2007 March 29, 2010
33	Pharr (1)	138	T	-	-	-	November 1, 2008
34	North Alamo (2)	138	T	-	-	-	November 1, 2008
35	Weslaco Switching Station (2)	138	T	-	-	-	November 1, 2008
36	North Weslaco (2)	138	T	-	-	-	November 1, 2008
37	North Mercedes (2)	138	T	-	-	-	November 1, 2008
38	Harlingen Switching Station (1)	138	T	-	-	-	November 1, 2008
39	Naval Base (2)	69	T	-	-	-	November 1, 2008
40	Airline (2)	69	T	-	-	-	November 1, 2008
41	North Padre Tap (1)	69	T	-	-	-	November 1, 2008
42	Mustang Island (2)	69	T	-	-	-	November 1, 2008
43	Port Aransas (0)	-	-	-	-	-	November 1, 2008 April 28, 2010
44	Laguna (0)	-	-	-	-	-	November 1, 2008 April 28, 2010

# **EXHIBIT A (continued)**

<b>Facilities Schedule No.</b>	<b>Name of Point of Interconnection (# of Points)</b>	<b>Delivery Voltage [kV]</b>	<b>LDF Charge Type <sup>(1)</sup></b>	<b>Meter Voltage [kV]</b>	<b>Metering Installed Cost</b>	<b>Estimated Peak Load [kW]</b>	<b>Effective Date in this Agreement, Prior Agreements or Amendments</b>
45	Kenedy Switching Station (2)	69	T	-	-	-	November 1, 2008 April 28, 2010
46	Runge (1)	69	T	-	-	-	November 1, 2008 April 28, 2010
47	Nordheim 69 (1)	69	T	-	-	-	November 1, 2008 April 28, 2010
48	Yorktown 69 (2)	69	T	-	-	-	November 1, 2008 April 28, 2010
49	Hochheim (1)	69	T	-	-	-	November 1, 2008
50	Malone (1)	69	T	-	-	-	November 1, 2008 April 28, 2010
51	Darst Creek(2)	69	T	-	-	-	November 1, 2008 April 28, 2010
52	AEP Nixon (2)	69	T	-	-	-	November 1, 2008 April 28, 2010
53	Magnolia (1)	69	T	-	-	-	November 1, 2008 April 28, 2010
54	Columbus (2)	69	T	-	-	-	November 1, 2008 April 28, 2010
55	Stafford Hill (1)	69	T	-	-	-	November 1, 2008 April 28, 2010
56	Riverside Pump (1)	69	T	-	-	-	November 1, 2008 April 28, 2010



# **EXHIBIT A (continued)**

Facilities Schedule No.	Name of Point of Interconnection (# of Points)	Delivery Voltage [kV]	LDF Charge Type <sup>(1)</sup>	Meter Voltage [kV]	Metering Installed Cost	Estimated Peak Load [kW]	Effective Date in this Agreement, Prior Agreements or Amendments
57	Prairie Pump (1)	69	T	-	-	-	November 1, 2008 April 28, 2010
58	Parker (1)	69	T	-	-	-	November 1, 2008 April 28, 2010
59	Eagle Lake (2)	69	T	-	-	-	November 1, 2008 April 28, 2010
60	Lakeside Pump (1)	69	T	-	-	-	November 1, 2008 April 28, 2010
61	Matthews (1)	69	T	-	-	-	November 1, 2008 April 28, 2010
62	Garwood Lone Star (1)	69	T	-	-	-	November 1, 2008 April 28, 2010
63	Garwood City (1)	69	T	-	-	-	November 1, 2008 April 28, 2010
64	El Campo (2)	69 & 138	T	69 & 138	-	-	November 1, 2008 April 28, 2010 <i>MARCH 7, 2013</i>
65	B&B Gravel (1)	69	T	-	-	-	November 1, 2008 April 28, 2010
66	Garwood Pump (1)	69	T	-	-	-	November 1, 2008 April 28, 2010
67	Ideal Cement (1)	69	T	-	-	-	November 1, 2008
68	Garwood Relief Pump (1)	69	T	-	-	-	November 1, 2008 April 28, 2010

### EXHIBIT A (continued)

Facilities Schedule No.	Name of Point of Interconnection (# of Points)	Delivery Voltage [kV]	LDF Charge Type <sup>(1)</sup>	Meter Voltage [kV]	Metering Installed Cost	Estimated Peak Load [kW]	Effective Date in this Agreement, Prior Agreements or Amendments

Notes:

(1) Indicated Local Distribution Facilities (LDF) Charge(s) determined pursuant to ERCOT Regional Transmission Service Agreement.

T = Transmission Delivery Point (LDF Charge = Metering Charge)

DS = Distribution Station voltage bus connection (LDF Charge = Metering Charge + DS Charge)

OHL = Distribution Overhead Line connection (LDF Charge = Metering Charge + DS Charge + OHL Charge)

## FACILITY SCHEDULE NO. 64

1. **Name:** **El Campo**
2. **Facility Location:** The El Campo Substation ("Substation") is located at 506 Marion Street in El Campo, Texas in Wharton County. There are two (2) Points of Interconnection at the Substation: 1) at the termination of the 69 kV transmission line from the Garwood City substation; and 2) at the termination of the 138 kV transmission line from the Ricebird substation. Both Points of Interconnection are located at the point where the jumper conductors from the Substation equipment physically contact the connectors on the 69 kV and 138 kV transmission line conductors.
3. **Delivery Voltage:** 69 kV & 138 kV
4. **Metered Voltage:** 69 kV & 138 kV
5. **Loss Adjustment Due To Meter Location:** None
6. **Normal Operation of Interconnection:** Closed
7. **One-Line Diagram Attached:** Yes
8. **Facilities Ownership:**
  - A. **AEP owns the following facilities:**
    - i. the Substation including all the facilities within it
    - ii. a 138 kV bay within the Substation for LCRA TSC's Ricebird to Substation 138 kV transmission line, including 138 kV breaker #1620 and associated relay panels
    - iii. jumper conductors from the Substation facilities to the Points of Interconnection
    - iv. dead-end structures that terminate all transmission lines into the Substation
    - v. any under-built distribution voltage circuits attached to the 69 kV transmission lines that terminate into the Substation
    - vi. metering and metering facilities
    - vii. A 69 kV bay within the Substation for LCRA TSC's Garwood City to Substation 69 kV transmission line, including 69 kV breaker #5540 and associated relay panels
  - B. **LCRA TSC owns the following facilities:**
    - i. the following transmission lines comprised of structures, easements, conductors, insulators, and connecting hardware:
      - a) the Garwood City to Substation 69 kV transmission line
      - b) the Ricebird to Substation 138 kV transmission line
    - ii. insulators and hardware on the dead-end structures that terminate the 69 kV transmission line from the Garwood City substation
    - iii. insulators and hardware on the dead-end structures that terminate the 138 kV transmission line from the Ricebird substation

**9. Facility Operation Responsibilities of the Parties:**

**A. AEP:**

- i. AEP controls and operates the Substation, including all facilities within it
- ii. AEP controls and operates all transmission lines that terminate into the Substation except for the 69 kV line from the Garwood City substation and the 138 kV line from the Ricebird substation

**B. LCRA TSC:**

- i. LCRA TSC controls and operates the following facilities:
  - a. the 69 kV transmission line to Garwood City substation
  - b. the 138 kV transmission line to Ricebird substation

**C. General.**

Operation of the facilities, including circuit breaker relays, that are owned by one Party that protect the facilities owned by the other Party, will be subject to review and approval by the other Party.

**10. Facility Maintenance Responsibilities of the Parties:**

- A. Each Party maintains the facilities it owns that are provided for in this Facility Schedule.
- B. Maintenance of the facilities, including circuit breaker relays, that are owned by one Party that protect the facilities owned by the other Party, will be subject to review and approval by the other Party.

**11. Estimated Peak Load:** N/A

**12. Other Terms and Conditions:**

- A. Each Party will be fully responsible for the costs of operation and maintenance of the facilities for which it is responsible as described in Items 9 and 10 of this Facility Schedule.
- B. LCRA TSC shall have access to the Substation in accordance with Article VII of the Interconnection Agreement. LCRA TSC may use separate locks in the gate and in the control house doors.

**[The remainder of this page is intentionally left blank.]**

