## **FACILITY SCHEDULE NO. 24**

1. Name: Friend Ranch

2. Location: The Friend Ranch Substation is near Ozona, Texas in Crockett County. The Point of Interconnection is at the termination of the 138 kV transmission line from the LCRA Fort Lancaster Switchyard where the jumper conductors from the substation equipment physically contact the connectors on the 138 kV transmission line conductors.

3. Delivery Voltage: 138 kV

4. Metered Voltage: 138 kV

5. Normal Operation of Interconnection: Closed

6. One-Line Diagram Attached: Yes

7. Facility Ownership Responsibilities of the Parties:

AEP owns the following facilities:

- the Friend Ranch Substation and all facilities within it, except for those facilities identified below as owned by LCRA
- the Remote Terminal Unit (RTU)
- transmission line relay protection panel and all associated equipment for the LCRA transmission line
- deadend structures that terminate all transmission lines into the substation
- jumper conductors from the substation to the Point of Interconnection
- the easements, conductors, shield wires, insulators, connecting hardware, and structures of the following transmission lines:
  - Friend Ranch to Big Lake 69 kV transmission line
  - Friend Ranch to Ozona 69 kV transmission line
  - Friend Ranch to Sonora 138 kV transmission line
- a four-wire RTU communication circuit from the station to the AEP control center
- fiber facility entries including patch panel for the optical ground wire (OPGW) facilities inside the Friend Ranch control house

# LCRA owns the following facilities:

 fiber facility entries including patch panel for the optical ground wire (OPGW) facilities inside the Friend Ranch control house

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- Friend Ranch to LCRA Fort Lancaster Switchyard 138 kV transmission line comprised of easements, conductors, shield wires, insulators, connecting hardware, structures and OPGW.
- 8. Facility Operation and Maintenance Responsibilities of the Parties:

AEP controls and operates all the facilities it owns that are provided for in this Facility Schedule.

AEP coordinates, directs, and performs all control center and field operation activities on the transmission lines owned by LCRA. These activities shall include, but are not limited to, switching, clearances, and outages for planned maintenance and operations, emergency service restoration, and overall coordination of such activities with ERCOT.

Each Party maintains the facilities it owns that are provided for in this Facility Schedule.

9. Cost Responsibilities of the Parties:

Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.

10. Other Terms and Conditions:

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.

AEP's SCADA will poll the RTU installed at the station and LCRA will have access to the RTU data via a direct Inter-control Center Communications Protocol (ICCP) communication circuit between the Parties' control centers. The Parties will coordinate the analog and digital point list and communications protocol issues.

LCRA will assign AEP rights to fibers 19-24 of the OPGW to use in operating the AEP electric transmission system. The fibers may not be sublet or reassigned to 3<sup>rd</sup> party customers.

LCRA shall maintain and repair the OPGW fiber network for failures of individual OPGW segment failures. If a catastrophic fiber network failure occurs over multiple segments due to aging, manufacture defects, or other unexpected reasons it shall be LCRA's option to discontinue the assignment of fibers 19-24 to AEP.

Issued by: J. Craig Baker, Senior Vice President

Regulatory Services Issued on: April 3, 2007

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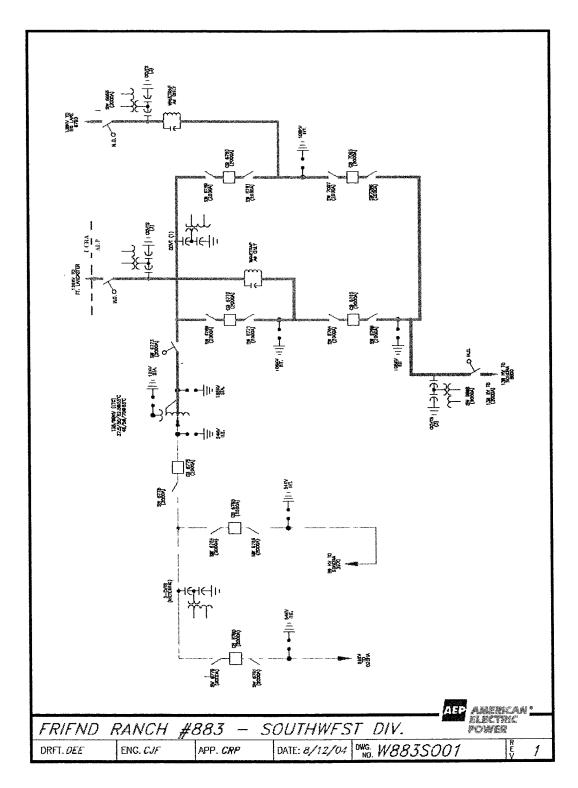
AEP will assign LCRA rights and access, upon request and availability, to the following OPGW related facilities inside the AEP control house:

- facility entry fibers 1 thru 18
- patch panel rack space for LCRA communications equipment
- one 125VDC/200W power supply
- one 120VAC/15A power supply

AEP will provide LCRA with DS0 circuits on its T1 multiplexer network fibers if capacity exists when requested. AEP will charge LCRA installation charges but no monthly fee.

Issued by: J. Craig Baker, Senior Vice President Regulatory Services

Issued on: April 3, 2007



Issued by: J. Craig Baker, Senior Vice President Regulatory Services

Issued on: April 3, 2007

#### **FACILITY SCHEDULE NO. 25**

1. Name: Santa Anna

- Location: The Santa Anna Substation is located in the City of Santa Anna, in Coleman County, Texas. The Point of Interconnection is at the termination of the 138 kV transmission line from TXU's Brownwood Substation where the jumper conductors from the substation equipment physically contact the connectors on the 138 kV transmission line conductors.
- 3. Delivery Voltage: 138 kV
- 4. Metered Voltage: 138 kV
- 5. Normal Operation of Interconnection: Closed
- 6. One-Line Diagram Attached: No
- 7. Facility Ownership Responsibilities of the Parties:

## AEP owns the following facilities:

- the Santa Anna Substation and all facilities within it
- the Remote Terminal Unit (RTU)
- transmission line relay protection panel and all associated equipment for the LCRA transmission line
- deadend structures that terminate all transmission lines into the station
- jumper conductors from the substation to the Point of Interconnection
- easements, conductors, shield wires, insulators, connecting hardware, and structures
  of the following transmission lines:
  - Santa Anna to Ballinger 69 kV transmission line
  - Santa Anna to Cross Plains 69 kV transmission line
  - o Santa Anna to Ballinger 138 kV transmission line
- any easements and underbuilt distribution circuits on the Santa Anna to Brownwood
   138 kV transmission line
- a four-wire RTU communication circuit from the station to the AEP control center

## LCRA owns the following facilities:

 Santa Anna to Brownwood 138 kV transmission line comprised of easements, conductors, shield wires, insulators, connecting hardware, and structures

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## 8. Facility Operation and Maintenance Responsibilities of the Parties:

AEP controls and operates all the facilities it owns that are provided for in this Facility Schedule.

AEP coordinates, directs, and performs all control center and field operation activities on the transmission lines owned by LCRA. These activities shall include, but are not limited to, switching, clearances, and outages for planned maintenance and operations, emergency service restoration, and overall coordination of such activities with ERCOT.

Each Party maintains the facilities it owns that are provided for in this Facility Schedule.

# 9. Cost Responsibilities of the Parties:

Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.

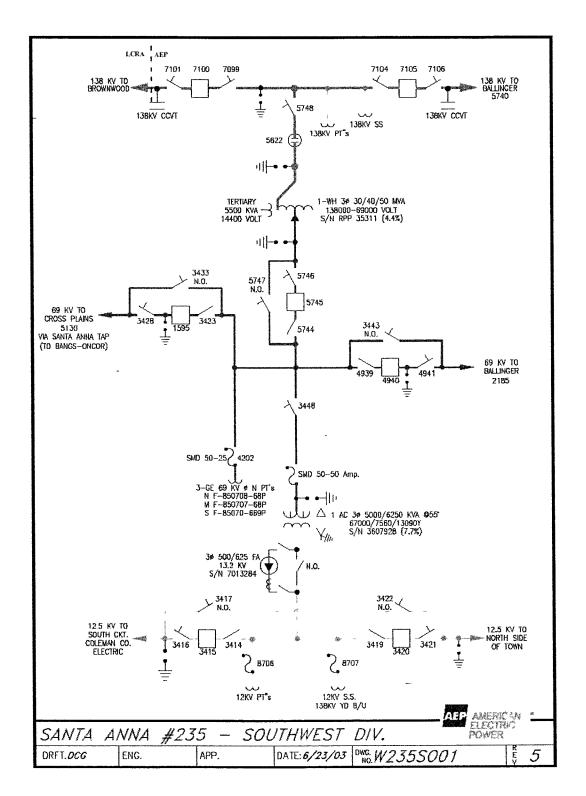
#### 10. Other Terms and Conditions:

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.

AEP's SCADA will poll the RTU installed at the station and LCRA will have access to the RTU data via a direct Inter-control Center Communications Protocol (ICCP) communication circuit between the Parties' control centers. The Parties will coordinate the analog and digital point list and communications protocol issues.

Issued by: J. Craig Baker, Senior Vice President

Regulatory Services Issued on: April 3, 2007



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### **FACILITY SCHEDULE NO. 26**

1. Name: Oxy Tap

- 2. Location: The Point of Interconnection is located at LCRA's Oxy Tap Station (the "Station") that is in LCRA's North McCamey to Rio Pecos 138 kV transmission line approximately ½ mile west of the intersection of US Hwy 385/67 and Road 311 near McCamey, Texas in Upton County. The Point of Interconnection is more specifically located at the transmission structure where the LCRA jumper from the load side of the tap disconnect switch connects to the 138 kV tap line.
- 3. Delivery Voltage: 138 kV
- 4. Meter Voltage and Location: N/A
- 5. Normal Operation of Interconnection: Closed
- 6. One-Line Diagram Attached: Yes
- 7. Facility Ownership Responsibilities of the Parties:

## LCRA owns the following facilities:

- the North McCamey Rio Pecos 138 kV double circuited transmission line comprised of structures, easements, conductors, insulators, shield wires and connecting hardware
- the Station, including all the facilities within it and those listed below (except for those facilities owned by AEP
  - o fencing, station cover stone and grounding grid
  - two (2) high strength A-frame transmission structures in the existing south circuit of the North McCamey to Rio Pecos 138 kV transmission line
  - o one (1) regular strength A-frame transmission structure in the 138 kV transmission tap line to the Castle Gap Substation.
  - three (3) manually operated VAB switches 22841, 22842 and 22851 in the North McCamey to Rio Pecos 138kV transmission line circuit
  - one (1) manually operated VAB switch 22852 to disconnect the 138 kV transmission tap line from the Castle Gap Substation
  - hardware and jumpers to connect Oxy's 138 kV slack span conductors to the Station equipment

### AEP owns the following facilities:

• one (1) set of 12 kV revenue quality meter instrument transformers and panels located inside the Oxy USA, Inc. ("Oxy") Castle Gap Substation

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- a communication circuit for purpose of reading the meter within the Castle Gap Substation including a telephone demark located outside the Castle Gap Substation fence
- one (1) RTU at the Castle Gap Substation

Note: Oxy owns the Castle Gap Substation, including all the facilities within it, except for those facilities identified above as being owned by AEP. Oxy also owns approximately ½ mile of 138 kV transmission line from the Castle Gap Substation to the Station with insulators and hardware to terminate at the LCRA A-frame transmission structure.

- 8. Facility Operation and Maintenance Responsibilities of the Parties:
  - AEP controls and operates all the facilities it owns that are provided for in this Facility Schedule.
  - AEP coordinates, directs, and performs all control center and field operation
    activities on the transmission line owned by LCRA including the Station
    switches. These activities shall include, but are not limited to, switching,
    clearances, and outages for planned maintenance and operations, emergency
    service restoration, and overall coordination of such activities with ERCOT.
  - Each Party maintains the facilities it owns that are provided for in this Facility Schedule.
- 9. Cost Responsibilities of the Parties:
  - Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.
  - Each Party will be responsible for all costs it incurs in connection with the establishment and maintenance of the Point of Interconnection in accordance with this Facility Schedule.
  - If Oxy cancels its retail load project or if the Oxy load is not being served by AEP through the Station within six (6) months after construction of the Station is completed, then AEP will reimburse LCRA for the actual installed costs incurred the actual costs committed to be incurred, and the actual costs of removal of the Station that LCRA determines cannot be recovered through its transmission cost of service rate. LCRA's costs for this work are estimated to be \$775,000.00. AEP shall provide written notification to LCRA when AEP begins serving the Oxy load through the Station. If AEP is serving Oxy through the Station within six (6) months after construction of the Station is completed and AEP has notified LCRA accordingly, then each Party will be fully responsible for the costs and liabilities related to the facilities it owns and each Party will be responsible for all

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costs it incurs in connection with the establishment and maintenance of the Point of Interconnection in accordance with this Facility Schedule.

## 10. Other Terms and Conditions:

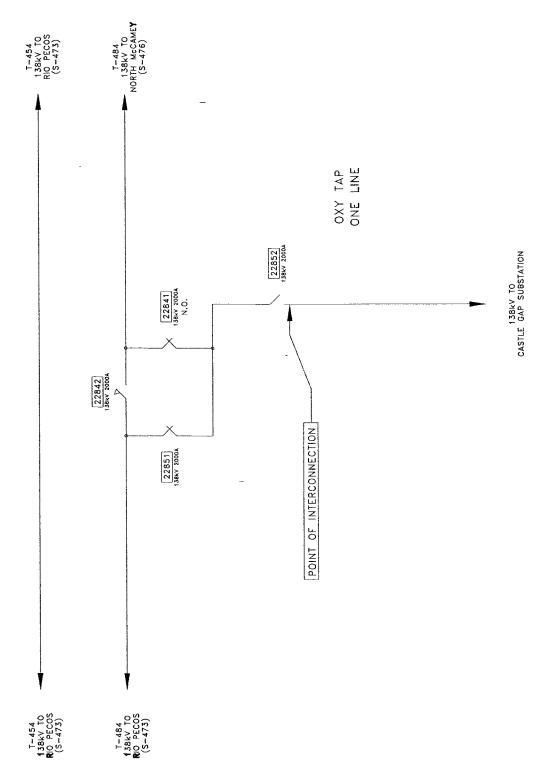
- It is understood by the Parties that the facilities described above are being installed to
  enable AEP to serve the Oxy gas processing plant to be constructed in Upton County,
  Texas, which is located within the service territory of AEP. LCRA consents to the
  use of the Point of Interconnection for AEP to provide retail delivery service to
  Oxy's plant.
- LCRA agrees to use commercially reasonable efforts to construct and energize the Station to make the Station used and useful to provide capacity and energy to the Castle Gap Substation by December 1, 2010 (the "Scheduled Completion Date"), subject to availability to obtain transmission line clearance(s) to complete the work. In the event that Oxy cancels or delays its project prior to the Station being energized, AEP shall promptly notify LCRA. Immediately upon receipt of such notice, LCRA shall cease all work relating to the installation and construction of its facilities for the Point of Interconnection. If Oxy cancels its project prior to the Station being energized or if Oxy's plant is not ready to commence commercial operation and begin taking electric service through the Station within six (6) months after construction of the Station is completed, then, subject to the terms and conditions contained herein, AEP agrees to reimburse LCRA as provided for in this Facility Schedule. LCRA shall submit to AEP an invoice for such costs in accordance with Article XV of this Agreement. LCRA shall submit such invoice to AEP hereunder no later than three (3) months after it receives notice from AEP that it will not be serving the Oxy plant. AEP shall not be required to reimburse LCRA for any amounts hereunder that are invoiced after that date. With respect to such invoice, the 30 day period for payment referenced in Section 15.2 of this Agreement shall be extended to 75 days.
- If, despite the use of commercially reasonable efforts, LCRA is unable to complete the Station and interconnection facilities by the Scheduled Completion Date, LCRA shall use commercially reasonable efforts to complete the Station and interconnection facilities as soon as possible thereafter. As soon as LCRA becomes aware that the Station and its interconnection facilities will not be completed by the Scheduled Completion Date, LCRA shall promptly notify AEP in writing, which notice shall set forth the new date that LCRA estimates that the Station and its interconnection facilities will be completed.
- AEP will submit the station Inter-control Center Communications Protocol (ICCP) data to ERCOT while it performs control center activities on the facilities owned by LCRA and LCRA will have access to the data via a direct ICCP communication circuit between the Parties' control centers. The Parties will coordinate the analog and digital point list and communications protocol issues.

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- Coordination and response to the ERCOT under-frequency, under-voltage or emergency load shedding program (if any) for AEP load served out of this Station is the responsibility of AEP.
- AEP and LCRA are to share access to the Castle Gap Substation by each having locks in the gates and in the control house doors.
- AEP is responsible for reporting to ERCOT all load related modeling, ICCP data and outage coordination for AEP load served out of the Castle Gap Substation.
- LCRA will submit data to AEP for submission to ERCOT for the ERCOT model configuration, naming, and numbering convention for the Station.



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