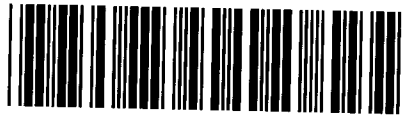


Control Number: 35077



Item Number: 634

Addendum StartPage: 0

PUC Project No. 35077

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Amendment to Interchange Agreement

Between

South Texas Electric Cooperative

and

LCRA Transmission Services Corporation

February 2, 2016

6341

**AMENDMENT TO
INTERCHANGE AGREEMENT**

This Amendment to the Interchange Agreement, dated October 7, 1987 ("the Agreement"), between South Texas Electric Cooperative ("STEC") and the Lower Colorado River is made and entered into this 2nd day of February, 2016 between STEC and the LCRA Transmission Services Corporation ("Corporation") (assignee of the Lower Colorado River Authority), and collectively referred to hereinafter as the Parties.

WHEREAS, Corporation will install the Schneeman Draw Substation in the STEC Bakersfield to Big Hill 345 kV Transmission Line to accommodate the Santa Rita Wind Energy generator connection in accordance with ERCOT generation interconnection request (GINR) 16INR0091,

WHEREAS, the Corporation's addition of Schneeman Draw Substation will change the Interconnection Agreement transmission line destination at Big Hill Substation; and,

WHEREAS, the Corporation's addition of Schneeman Draw Substation will change the Interconnection Agreement transmission line destination at Bakersfield Substation; and,

WHEREAS, Corporation will change the transmission line number leaving Milton Substation as a result of circuit breakers being added at Helena Substation; and,

WHEREAS, Corporation will add circuit breakers at Helena Substation; and,

In consideration of the mutual promises and undertakings herein set forth, the Parties agree to amend the Agreement as follows:


- Facility Schedule No. 4 (including the diagrams attached thereto) attached to the Interchange Agreement is hereby deleted in its entirety and Facility Schedule No. 4 attached to this Amendment is added to the Agreement in lieu thereof.
- Facility Schedule No. 4 (including the diagrams attached thereto) attached to this Amendment will become effective upon execution of this Amendment by the Parties.
- Facility Schedule No. 5 (including the diagrams attached thereto) attached to the Interchange Agreement is hereby deleted in its entirety and Facility Schedule No. 5 attached to this Amendment is added to the Agreement in lieu thereof.
- Facility Schedule No. 5 (including the diagrams attached thereto) attached to this Amendment will become effective upon execution of this Amendment by the Parties.
- Facility Schedule No. 6 (including the diagrams attached thereto) attached to the Interchange Agreement is hereby deleted in its entirety and Facility Schedule No. 6 attached to this Amendment is added to the Agreement in lieu thereof.
- Facility Schedule No. 6 (including the diagrams attached thereto) attached to this Amendment will become effective upon execution of this Amendment by the Parties.

- Facility Schedule No. 7 (including the diagrams attached thereto) attached to the Interchange Agreement is hereby deleted in its entirety and Facility Schedule No. 7 attached to this Amendment is added to the Agreement in lieu thereof.
- Facility Schedule No. 7 (including the diagrams attached thereto) attached to this Amendment will become effective upon execution of this Amendment by the Parties.
- Facility Schedule No.13 (including the diagrams attached thereto) attached to this amendment is hereby added to the Interchange Agreement.
- Facility Schedule No. 13 (including the diagrams attached thereto) 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.

SOUTH TEXAS ELECTRIC
COOPERATIVE


By: 

Name: Mike Kezar

Title: General Manager

Date: 2/1/16

LCRA TRANSMISSION SERVICES
CORPORATION

By: 

Name: Ray Pfefferkorn, P.E.

Title: Manager Transmission Design

Date: 1/6/16



FACILITY SCHEDULE NO. 4
STEC 2015A Amendment

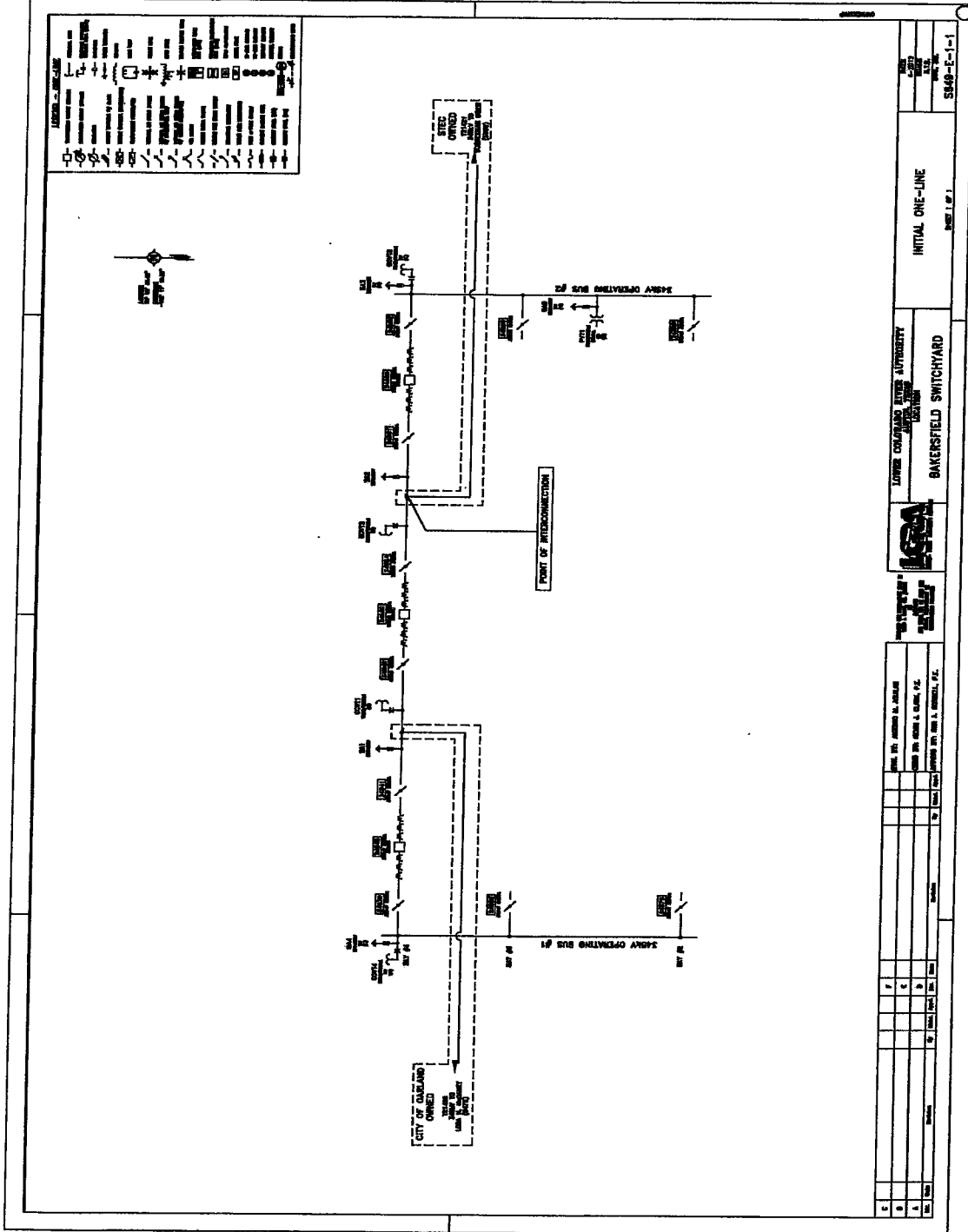
1. Name: Bakersfield
2. Point of Interconnection location: The Point of Interconnection is located in Bakersfield Substation in Pecos County, Texas. There is one (1) Point of Interconnection at the Bakersfield Substation generally described as where STEC's 345 kV transmission line terminates on the Corporation's Bakersfield Substation transmission line dead-end structure.
3. Delivery Voltage: 345kV
4. Metered Voltage: Not applicable.
5. Normal closed: Yes
6. One-Line Diagram Attached: Yes
7. Facilities owned by STEC:
STEC owns the single-circuit 345 kV transmission line (double-circuit capable) from the Bakersfield Substation to the Schneeman Draw Substation, including bundled 1590 ACSR conductors, OPGW shielding, and OPGW splices along the transmission line, transmission line structures and rights-of-way. STEC owns their transmission line dead-end insulator string and attachment hardware connecting to the Corporation's substation dead-end structure. STEC does not own any substation equipment at Bakersfield Substation.
8. Facilities owned by the Corporation: The Corporation owns the Bakersfield Substation, including the 345 kV buses, 345 kV circuit breakers, 345 kV switches, 345 kV line switches, 345kV line surge arrestors at substation dead-end structure for the STEC 345 kV line, 345 kV instrument transformers, protection and control panels for the STEC 345 kV line, Remote Terminal Unit, communication electronics, and jumpers from the substation equipment to the STEC 345 kV transmission line at the Point of Interconnection. The Corporation owns all the substation equipment for the STEC 345 kV transmission line. The Corporation provides and owns the fiber patch panel, the fiber facility entry cable, and the fiber splice box within the Bakersfield Substation for the STEC fiber.
9. Cost Responsibility: Each Party will be fully responsible for the liabilities related to the facilities it owns. STEC and the Corporation will each be responsible for all costs it incurs in connection with establishment and maintenance of the Point of Interconnection in accordance with this Facility Schedule. The Corporation will have full use of the STEC transmission line fiber for transmission utility related purposes and STEC will not charge the Corporation for the use of the STEC transmission line fiber optics.

10. Operational and Maintenance Responsibility: Each Party will be responsible for the operation and maintenance of the facilities it owns, with exception to the fiber splices along the line which may also be maintained by the Corporation at no cost to STEC. The joint maintenance of the fiber is to aid in timely repair to return the fiber to operational status.

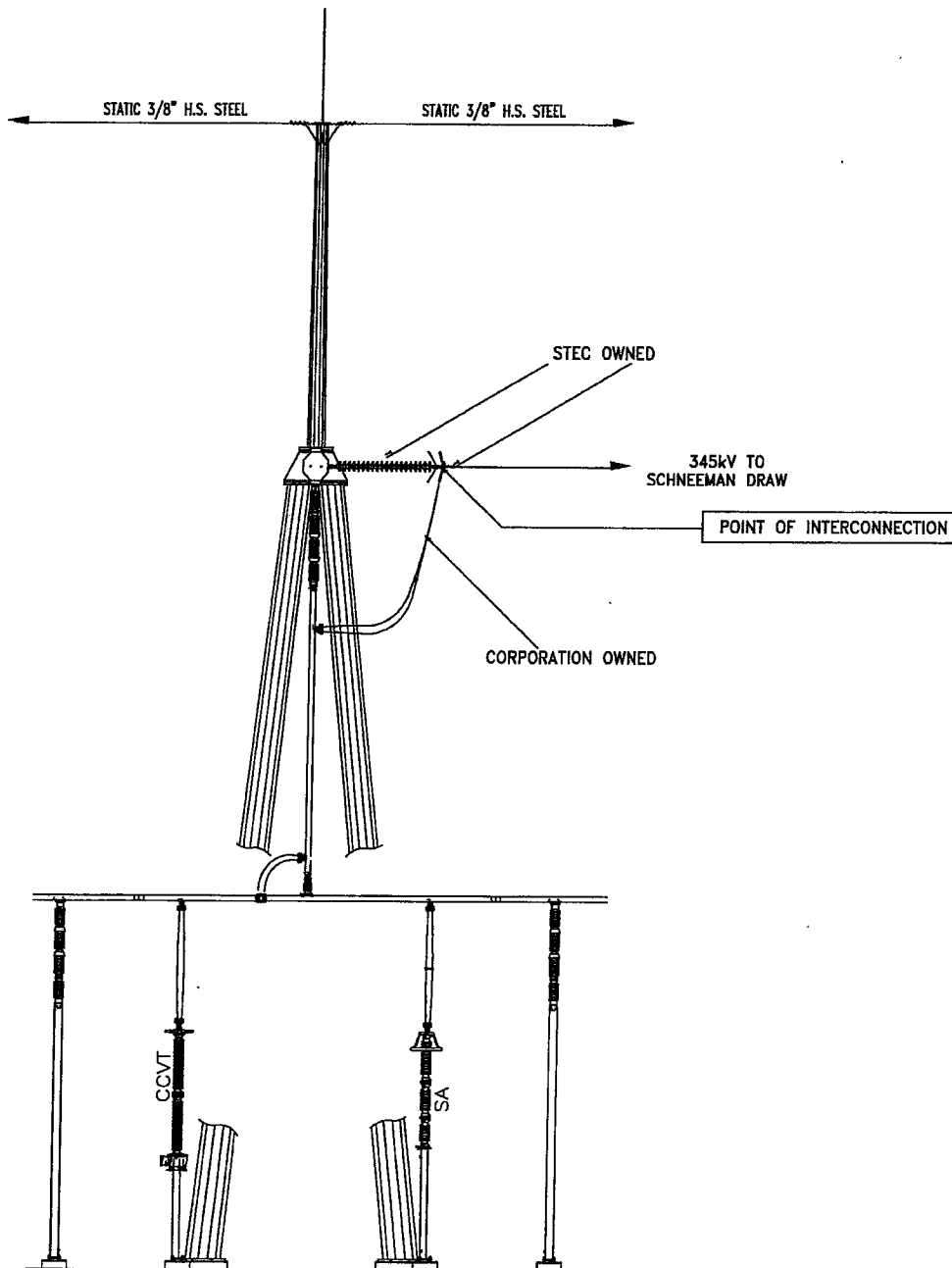
11. Supplemental terms and conditions:

- (a) The Corporation will monitor the STEC 345 kV transmission line flows and other facilities at the Bakersfield Substation.
- (b) The Corporation will provide ICCP data from the Bakersfield Substation to ERCOT in accordance with ERCOT requirements.
- (c) STEC will provide the 345 kV transmission line design parameters and modeling information to the Corporation and to ERCOT, including the Facility Rating of the STEC line from 20 to 115 degrees Fahrenheit ambient temperature in five degree increments for Normal, Two-Hour, and Fifteen-Minute conditions. The Facility Rating of the STEC line will take into consideration the Corporation substation series elements provided by the Corporation.
- (d) The Corporation will install 3000 Amp substation series facilities so that it will not limit the STEC line rating at 105 degrees Fahrenheit ambient. The Corporation will provide the substation series equipment ratings to STEC from 20 to 115 degrees Fahrenheit ambient in five degree increments for Normal, Two-Hour, and Fifteen-Minute conditions.
- (e) The Parties will coordinate on the use of dynamic ratings for the STEC 345 kV line where the dynamic ratings are ambient temperature dependent from 20 to 115 degrees Fahrenheit in five degree increments.
- (f) The Corporation's standard 345 kV transmission line protection schemes will be applied and reviewed with STEC. Any deviations must be mutually agreed upon by STEC and the Corporation. Relay settings will be developed by the Corporation and reviewed with STEC.
- (g) Each Party will name and number their respective equipment.
- (h) Outage scheduling for the STEC 345 kV line will be coordinated through the Corporation's System Operations Control Center, as the Corporation shall direct all switching at the Point of Interconnection and coordinate all switching of the Bakersfield Substation equipment.
- (i) The Corporation will install equipment for distance-to-fault information and will make that information available to STEC for the STEC 345 kV transmission line.
- (j) STEC is responsible for NERC TADS reporting for their 345 kV line.

FACILITY SCHEDULE NO. 4
 ONE LINE DIAGRAM
 STEC 2015A Amendment



Bakersfield



POINT OF INTERCONNECTION DETAIL

FACILITY SCHEDULE NO. 5
STEC 2015A Amendment

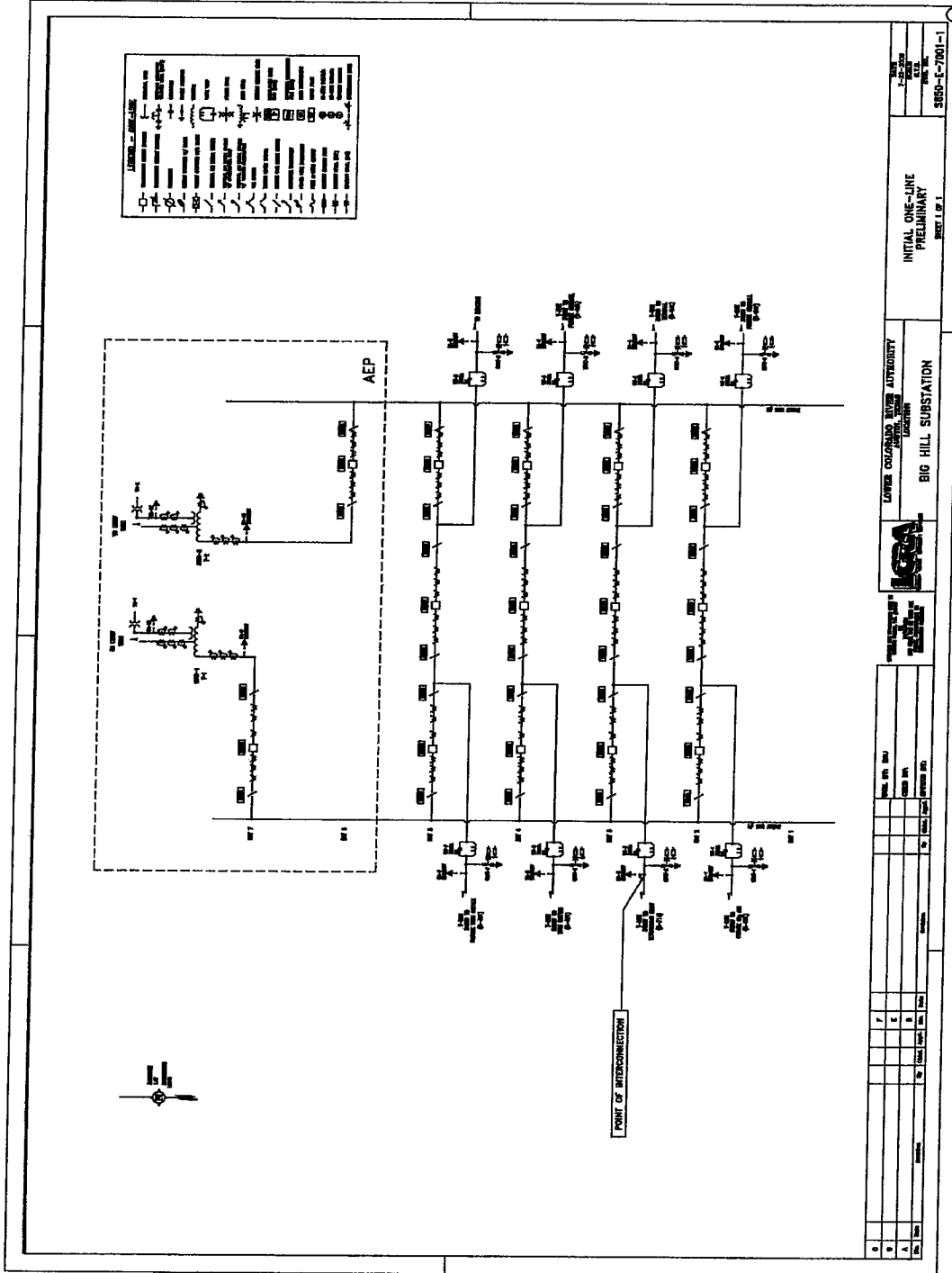
1. Name: Big Hill
2. Point of Interconnection location: The Point of Interconnection is located in the Big Hill Substation in Schleicher County, Texas. There is one (1) Point of Interconnection generally described as where STEC's 345 kV transmission line substation terminates on the Corporation's Big Hill Substation transmission line dead-end structure.
3. Delivery Voltage: 345kV
4. Metered Voltage: Not applicable.
5. Normal closed: Yes
6. One-Line Diagram Attached: Yes
7. Facilities owned by STEC: STEC owns the single-circuit 345 kV transmission line (double-circuit capable) from the Schneeman Draw Substation to the Big Hill Substation, including bundled 1590 ACSR conductors, OPGW shielding, and OPGW splices along the transmission line, transmission line structures and rights-of-way. STEC owns their transmission line dead-end insulator string and attachment hardware connecting to the Corporation's substation dead-end structure. STEC does not own any substation equipment at Corporation's Big Hill Substation.
8. Facilities owned by the Corporation: The Corporation owns the Big Hill Substation, including the 345 kV buses, 345 kV circuit breakers, 345 kV switches, 345 kV line switches, 345kV line surge arrestors at substation dead-end structure for the STEC 345 kV line, 345 kV instrument transformers, protection and control panels for the STEC 345 kV line, Remote Terminal Unit, communication electronics, and jumpers from the substation equipment to the STEC 345 kV transmission line at the Point of Interconnection. The Corporation owns all the substation equipment for the STEC 345 kV transmission line. The Corporation provides and owns the fiber patch panel, the fiber facility entry cable, and the fiber splice box within the Big Hill Substation for the STEC fiber.
9. Cost Responsibility: Each Party will be fully responsible for the liabilities related to the facilities it owns. STEC and the Corporation will each be responsible for all costs it incurs in connection with establishment and maintenance of the Point of Interconnection in accordance with this Facility Schedule. The Corporation will have full use of the STEC transmission line fiber for transmission utility related purposes and STEC will not charge the Corporation for the use of the STEC transmission line fiber optics.

10. Operational and Maintenance Responsibility: Each Party will be responsible for the operation and maintenance of the facilities it owns, with exception to the fiber splices along the line which may also be maintained by the Corporation at no cost to STEC. The joint maintenance of the fiber is to aid in timely repair to return the fiber to operational status.

11. Supplemental terms and conditions:

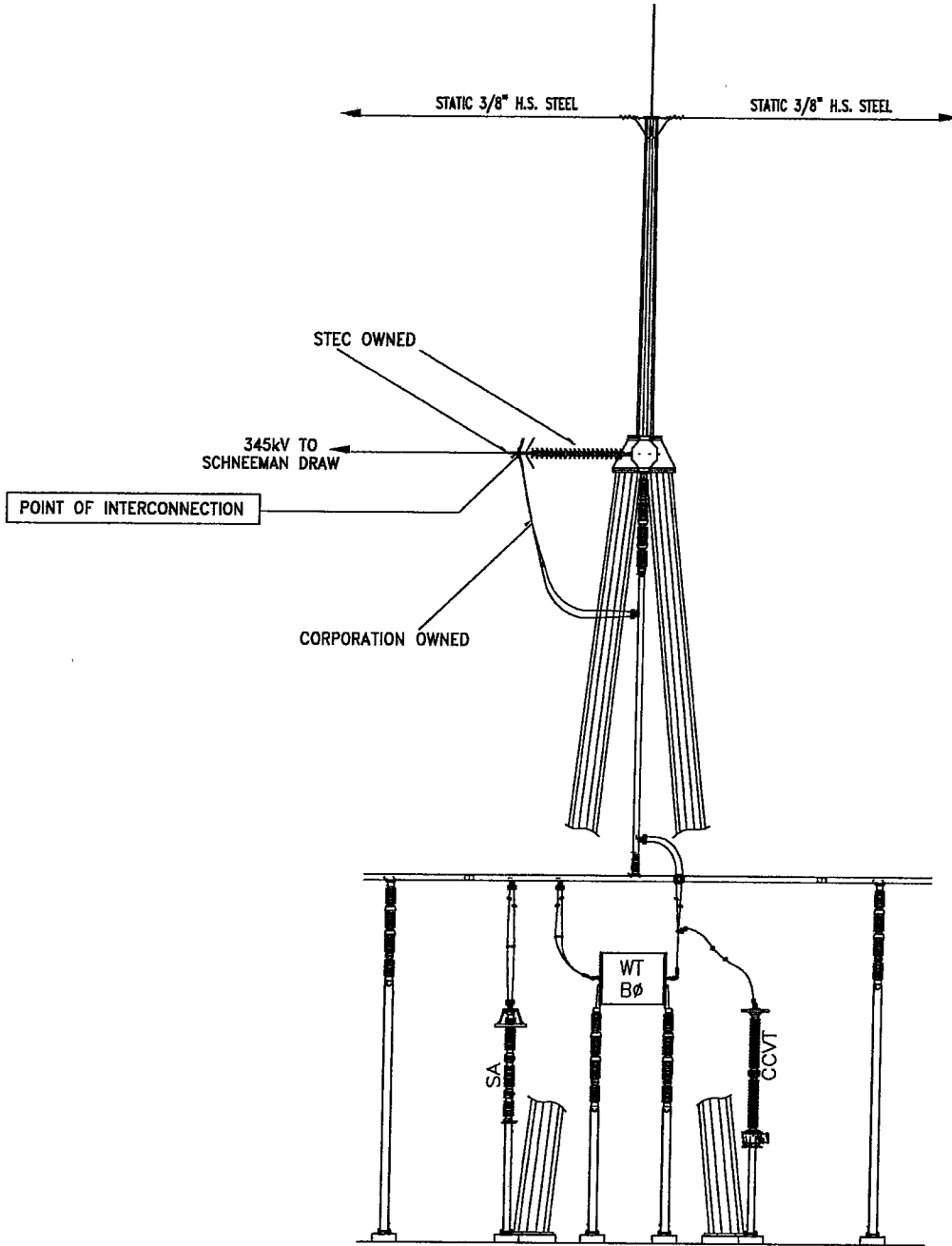
- (a) The Corporation will monitor the STEC 345 kV transmission line flows and other facilities at the Big Hill Substation.
- (b) The Corporation will provide ICCP data from the Big Hill Substation to ERCOT in accordance with ERCOT requirements.
- (c) STEC will provide the 345 kV transmission line design parameters and modeling information to the Corporation and to ERCOT, including the Facility Rating of the STEC line from 20 to 115 degrees Fahrenheit ambient in five degree increments for Normal, Two-Hour, and Fifteen-Minute conditions. The Facility Rating of the STEC line will take into consideration the Corporation substation series elements provided by the Corporation.
- (d) The Corporation will install 3000 Amp substation series facilities so that it will not limit the STEC line rating at 105 degrees Fahrenheit ambient. The Corporation will provide the substation series equipment ratings to STEC from 20 to 115 degrees Fahrenheit ambient in five degree increments for Normal, Two-Hour, and Fifteen-Minute conditions.
- (e) The Parties will coordinate on the use of dynamic ratings for the STEC 345 kV line where the dynamic ratings are ambient temperature dependent from 20 to 115 degrees Fahrenheit in five degree increments.
- (f) The Corporation's standard 345 kV transmission line protection schemes will be applied and reviewed with STEC. Any deviations must be mutually agreed upon by STEC and the Corporation. Relay settings will be developed by the Corporation and reviewed with STEC.
- (g) Each Party will name and number their respective equipment.
- (h) Outage scheduling for the STEC 345 kV line will be coordinated through the Corporation's System Operations Control Center, as the Corporation shall direct all switching at the Point of Interconnection and coordinate all switching of the Big Hill Substation equipment.
- (i) The Corporation will install equipment for distance-to-fault information and will make that information available to STEC for the STEC 345 kV transmission line.
- (j) STEC is responsible for NERC TADS reporting for their 345 kV line.

FACILITY SCHEDULE NO. 5
ONE LINE DIAGRAM
STEC 2015A Amendment



LOWER CALIFORNIA WATER AUTHORITY LICHTEN BIG HILL SUBSTATION		INITIAL ONE-LINE PRELIMINARY		SHEET 1 OF 1	
DATE	2-20-15	SCALE	AS SHOWN	DRAWN BY	MS
PROJECT NO.	2015-001	DATE		CHECKED BY	MS
BY	MS	DATE		APPROVED BY	MS
NO.	1	DATE		DATE	
NO.	2	DATE		DATE	
NO.	3	DATE		DATE	
NO.	4	DATE		DATE	
NO.	5	DATE		DATE	
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NO.	8	DATE		DATE	
NO.	9	DATE		DATE	
NO.	10	DATE		DATE	

Big Hill



POINT OF INTERCONNECTION DETAIL

FACILITY SCHEDULE NO. 6
STEC 2015A Amendment

1. Name: Milton Substation (the Point of Interconnection)
2. Point of Interconnection location: The Point of Interconnection is in the Milton Substation located in Karnes County, Texas along the Corporation's 138 kV transmission line between Helena and Nixon.
There is one (1) Point of Interconnection where the Corporation's 138 kV bus connector bolts to the four hole pad on STEC's switch No. 11513.
3. Delivery Voltage: 138 kV
4. Metering: Metering shall be installed by STEC in its Milton Substation as necessary to meet the applicable provisions of the ERCOT Operating Guides, Protocols, and Metering Guidelines.
5. Normal closed: Yes
6. One-Line Diagram Attached: Yes
7. Facilities owned by STEC:
The Milton Substation including, but not limited to, the following items:
 - One (1) 138 kV circuit breaker 11511 including foundations, jumpers, relaying and internal relaying multi-ratio 2000:5 current transformers for use by the Corporation's bus differential scheme
 - One (1) bus disconnect switch No. 11513
 - One (1) 12/20 or 15/25 MVA power transformer, T-1, with associated surge arresters
 - All distribution and total bays including A-frames, trusses, insulators, disconnect switches, surge arresters, operating and transfer bus, bus potential transformers and associated cabling
 - All distribution circuit breakers including jumpers, protective relay packages and foundations
 - All distribution circuits including dead end insulators that attach to the dead end structure, conductors, and hardware
 - Station service
 - Control house - 20' x 40' with cable trays in concrete floor
 - Batteries and battery charger
 - Substation property, ground grid, gravel, fence and appurtenances
 - Communications and SCADA equipment including RTU
8. Facilities owned by the Corporation:
 - Two (2) 138 kV dead-end structures, foundations, insulators and jumpers
 - Two (2) 138 kV surge arresters SA1 and SA2

- Two (2) 138 kV coupling capacitor voltage transformers CCVT1 and CCVT2
- Two (2) 138 kV wave traps WT1 and WT2 with tuners
- 138 kV bus including support structures, foundations and jumpers
- Two (2) 138 kV circuit breakers, 1200 A, 40 kAIC, 23010 and 23020 including foundations, jumpers and line relaying
- Bus differential, breaker failure relaying, and associated panels
- One (1) power line carrier panel
- Six (6) 138 kV disconnect switches 23009, 23011, 23013, 23019, 23021 and 23023.
- One (1) RTU with associated interface and communications equipment

9. Operational and Maintenance Responsibility:

- Each Party will be responsible for the operation and maintenance of the facilities it owns.
- STEC will direct and coordinate all switching for STEC's facilities, including its 138 kV circuit breaker(s), disconnect switches, and distribution facilities associated with its transformer(s). These facilities will not be locked or switched by the Corporation unless done so in accordance with STEC System Operations dispatch instructions.
- The Corporation will direct and coordinate all switching for the Corporation's facilities, including the 138 kV transmission lines, 138 kV circuit breakers and associated 138 kV disconnect switches, 138 kV bus, bus differential and breaker failure. STEC and its member cooperatives will be allowed to switch the Corporation's equipment as long as they have received the Corporation's Switch Training. Otherwise these facilities will not be locked or switched by STEC or its member cooperatives.

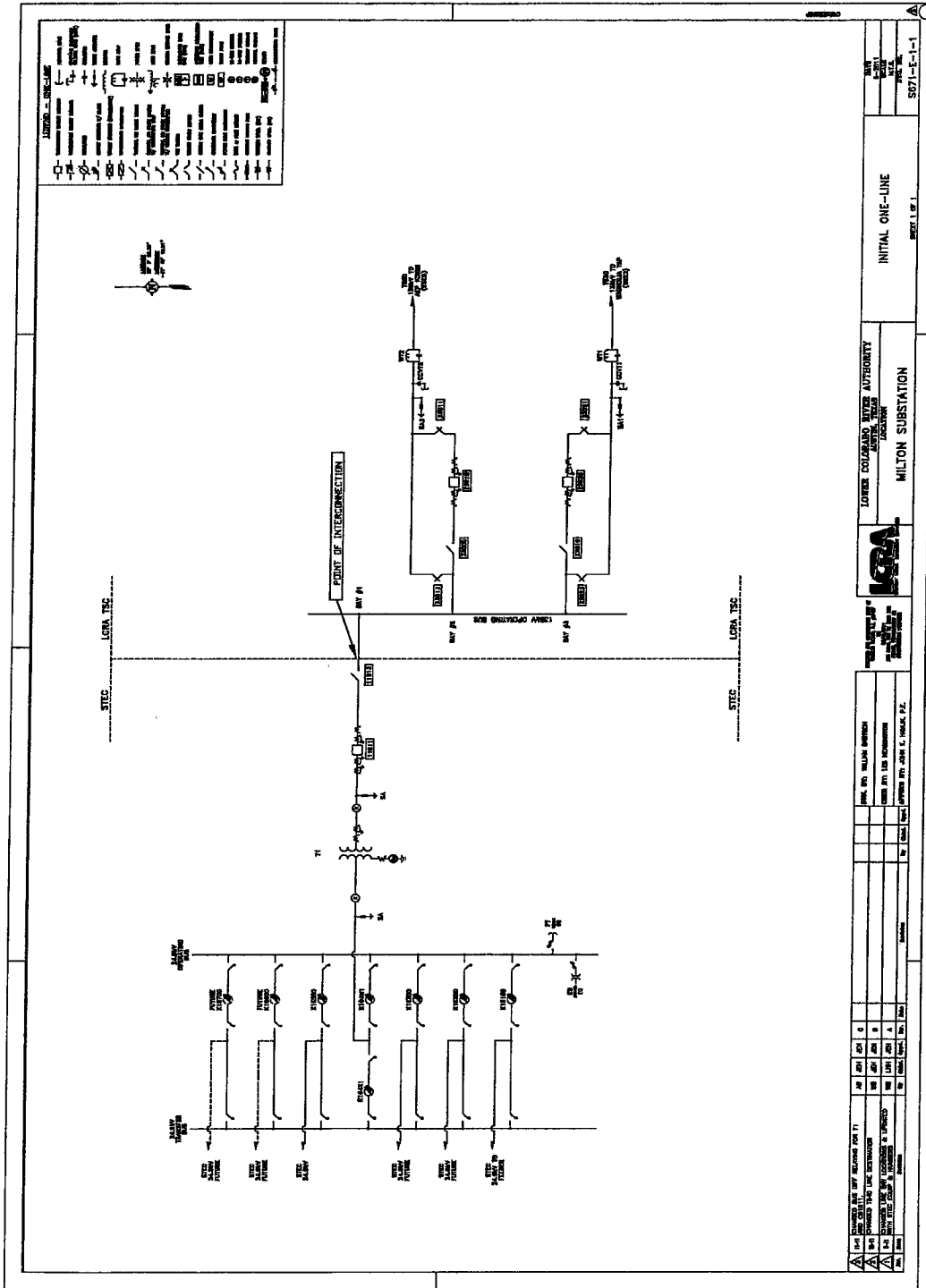
10. Supplemental terms and conditions:

- Each Party will name and number their respective equipment.
- Each Party shall be responsible for submitting the ICCP data to ERCOT for the equipment they own at this substation.
- STEC will provide Corporation access to 125 VDC and 120 VAC power. Circuits must have over current protection devices (OCPD) sized according to NEC standards. Panel boards containing the OCPD may belong to either STEC (if space is available) or Corporation
- STEC will provide Corporation with floor space (as available and as necessary) in its control house for the installation of Corporation required relay panel boards and equipment.
- STEC will supply and allow Corporation use of circuit breaker 11511 relaying bushing current transformers for its bus differential relaying scheme.
- Corporation will provide tripping and close inhibit contacts from its bus differential & breaker failure relaying panel to STEC's circuit breaker 11511 relaying panel.

- STEC will provide breaker failure initiate contacts from its circuit breaker 11511 relaying panel to Corporation's bus differential & breaker failure relaying panel.
- Corporation and STEC shall design, provide, and coordinate their respective protection system equipment so that adjacent zones of protection overlap, in accordance with ERCOT Nodal Operating Guides.
- STEC and the Corporation are to share access to the substation by each having their own locks in the gate and in the control house doors.
- Coordination and response to the ERCOT under-frequency, under-voltage or emergency load shedding program for STEC load served out of this substation is the responsibility of STEC.
- STEC is responsible for reporting to ERCOT all load data requests for STEC load served out of this substation.

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FACILITY SCHEDULE NO. 6 ONE LINE DIAGRAM STEC 2015A Amendment



LCRA TSC-STEC
2015A Amendment

FACILITY SCHEDULE NO. 7
STEC 2015A Amendment

1. Name: Helena Substation (the Point of Interconnection)
2. Point of Interconnection location: The Point of Interconnection is in Helena Substation located at 6612 North FM 81 in Karnes County, Texas, 78118, along the Corporation's 138 kV transmission line between Kenedy Switch and Milton Substation. There is one (1) Point of Interconnection where the Corporation's 138 kV bus connector bolts to the four hole pad on STEC's switch No. 11613.
3. Delivery Voltage: 138 kV
4. Metering: Metering shall be installed by STEC in its Helena Substation as necessary to meet the applicable provisions of the ERCOT Operating Guides, Protocols, and Metering Guidelines.
5. Normal closed: Yes
6. One-Line Diagram Attached: Yes
7. Facilities owned by STEC:
The Helena Substation including, but not limited to, the following items:
 - One (1) 138 kV circuit breaker No. 11611 including foundations, jumpers and protective relaying equipment
 - One (1) 138 kV bus disconnect switch No. 11613
 - One (1) power transformer, T1, with associated surge arresters
 - All distribution and total bays including A-frames, trusses, insulators, disconnect switches, surge arresters, operating and transfer bus, bus potential transformers and associated cabling
 - All distribution circuit breakers including jumpers, protective relay packages and foundations
 - All distribution circuits including dead end insulators that attach to the dead end structure, conductors, and hardware
 - One (1) station service SS1
 - Control house - 20' x 40' with cable trays in concrete floor
 - Batteries and battery charger
 - Substation property, ground grid, gravel, fence and appurtenances
 - Communications and SCADA equipment including RTU
 - One (1) 138 kV mobile disconnect switch 11623
8. Facilities owned by the Corporation:
 - Two (2) 138 kV dead-end structures, foundations, insulators and jumpers
 - Two (2) 138 kV surge arresters SA1 and SA2
 - Two (2) coupling capacitor voltage transformers CCVT1 and CCVT2

- 138 kV operating bus including support structures, foundations and jumpers
- Two (2) 138 kV circuit breakers 26340 and 26350 including foundations, jumpers and protective relaying
- One (1) 138 kV bus differential & breaker failure relaying scheme
- Six (6) 138 kV switches 26339, 26341, 26343, 26349, 26351, and 26353
- One (1) power voltage transformer PVT1
- One (1) RTU with associated interface and communications equipment
- One (1) 24 x 42 control house with batteries, battery charger and other appurtenances

9. Operational and Maintenance Responsibility:

- Each Party will be responsible for the operation and maintenance of the facilities it owns.
- STEC will direct and coordinate all switching for STEC's facilities, including its 138 kV circuit breakers(s), disconnect switches and distribution facilities associated with its transformer(s). These facilities will not be locked or switched by the Corporation unless done so in accordance with STEC System Operations dispatch instructions. STEC's 138 kV circuit breaker 11611 will be incorporated into Corporation's 138 kV bus differential & breaker failure relaying scheme.
- The Corporation will direct and coordinate all switching for the Corporation's facilities, including the 138 kV transmission lines and associated 138 kV disconnect switches. STEC and its member cooperatives will be allowed to switch the Corporation's equipment as long as they have received the Corporation's Switch Training. Otherwise these facilities will not be locked or switched by STEC or its member cooperatives.

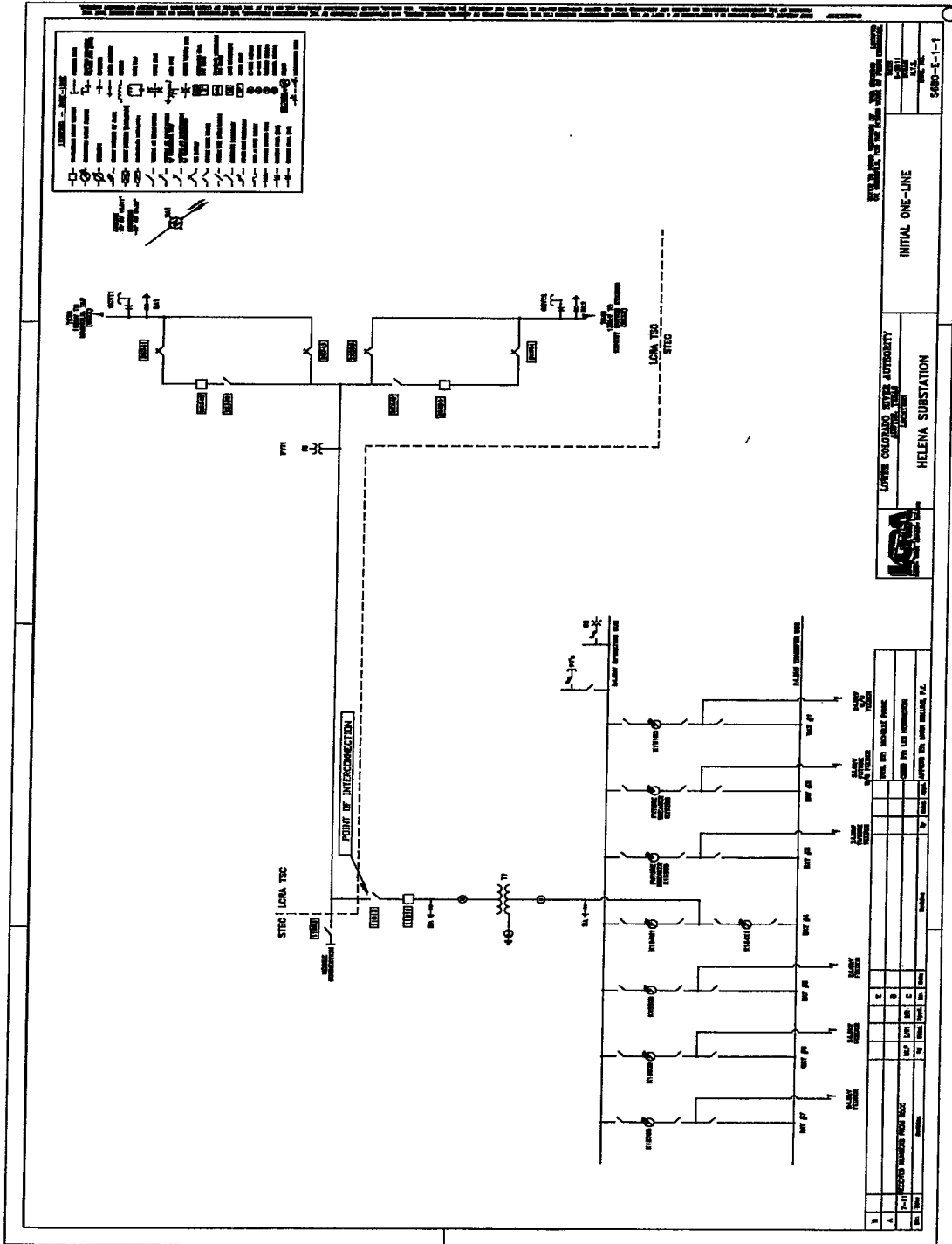
10 Supplemental terms and conditions:

- Each Party will name and number their respective equipment.
- Each Party shall be responsible for submitting the ICCP data to ERCOT for the equipment they own at this substation.
- STEC and the Corporation are to share access to the substation by each having their own locks in the gate and in the control house doors.
- Coordination and response to the ERCOT under-frequency, under-voltage or emergency load shedding program for STEC load served out of this substation is the responsibility of STEC.
- STEC is responsible for reporting to ERCOT all load data requests for STEC load served out of this substation.
- Corporation will provide tripping and close inhibit contacts from its 138 kV bus differential & breaker failure relaying panel to STEC's circuit breaker 11611 relaying panel.
- STEC will provide breaker failure initiate contacts from its 138 kV circuit breaker 11611 relaying panel to Corporation's 138 kV bus differential & breaker failure relaying panel.

- STEC will supply and provide 2000:5 multi-ratio relaying current transformers from transformer T1 for use by Corporation in Corporation's bus differential relaying scheme for the 138 kV Operating Bus.
- Corporation and STEC shall design, provide, and coordinate their respective protection system equipment so that adjacent zones of protection overlap, in accordance with ERCOT Nodal Operating Guides.

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FACILITY SCHEDULE NO. 7 ONE LINE DIAGRAM STEC 2015A Amendment



FACILITY SCHEDULE NO. 13
STEC 2015A Amendment

1. Name: Schneeman Draw

2. Point of Interconnection location: The Points of Interconnection are located in Schneeman Draw Substation in Crockett County, Texas. There are two (2) Points of Interconnection at the Schneeman Draw Substation generally described as:
 - where the jumper from the Corporation's substation equipment connects to STEC's Bakersfield Switchyard to Schneeman Draw Substation 345 kV transmission line at the Corporation substation dead end structure.

 - where the jumper from the Corporation's substation equipment connects to STEC's Big Hill Switchyard to Schneeman Draw Substation 345 kV transmission line at the Corporation substation dead end structure.

3. Delivery Voltage: 345kV

4. Metered Voltage: Not applicable.

5. Normal closed: Yes

6. One-Line Diagram Attached: Yes

7. Facilities owned by STEC: STEC owns the single-circuit 345 kV transmission line (double-circuit capable) from the Bakersfield Substation to the Schneeman Draw Substation and the single-circuit 345 kV transmission line (double-circuit capable) from Big Hill Substation to the Schneeman Draw Substation, including bundled 1590 ACSR conductors, OPGW shielding, and OPGW splices along the transmission line, transmission line structures and rights-of-way. STEC owns their transmission line dead-end insulator string and attachment hardware connecting to the Corporation's substation dead-end structures. STEC does not own any substation equipment at Schneeman Draw Substation.

8. Facilities owned by the Corporation: The Corporation owns the Schneeman Draw Substation, including the 345 kV ring bus, 345 kV circuit breakers, 345 kV switches, 345 kV line switches, 345kV line surge arrestors at substation dead-end structures for the STEC 345 kV lines, 345 kV instrument transformers, protection and control panels for the STEC 345 kV lines, Remote Terminal Unit, communication electronics, and jumpers from the substation equipment to the STEC 345 kV transmission lines at the Points of Interconnection. The Corporation owns all the substation equipment for the STEC 345 kV transmission lines. The Corporation provides and owns the fiber patch panel(s), the fiber facility entry cable(s), and the fiber splice box(es) within the Schneeman Draw Substation for the STEC fiber. The Corporation owns a generator with propane tank

(backup station service) and distribution feed (primary station service). The Corporation owns the 36' x 66' control house with batteries, battery charger and other appurtenances. The Corporation owns the substation property, ground grid, gravel, fencing and other appurtenances.

9 Cost Responsibility: Each Party will be fully responsible for the liabilities related to the facilities it owns. STEC and the Corporation will each be responsible for all costs it incurs in connection with establishment and maintenance of the Point of Interconnection in accordance with this Facility Schedule. The Corporation will have full use of the STEC transmission line fiber for transmission utility related purposes and STEC will not charge the Corporation for the use of the STEC transmission line fiber optics.

10. Operational and Maintenance Responsibility: Each Party will be responsible for the operation and maintenance of the facilities it owns, with exception to the fiber splices along the line which may also be maintained by the Corporation at no cost to STEC. The joint maintenance of the fiber is to aid in timely repair to return the fiber to operational status.

11. Supplemental terms and conditions:

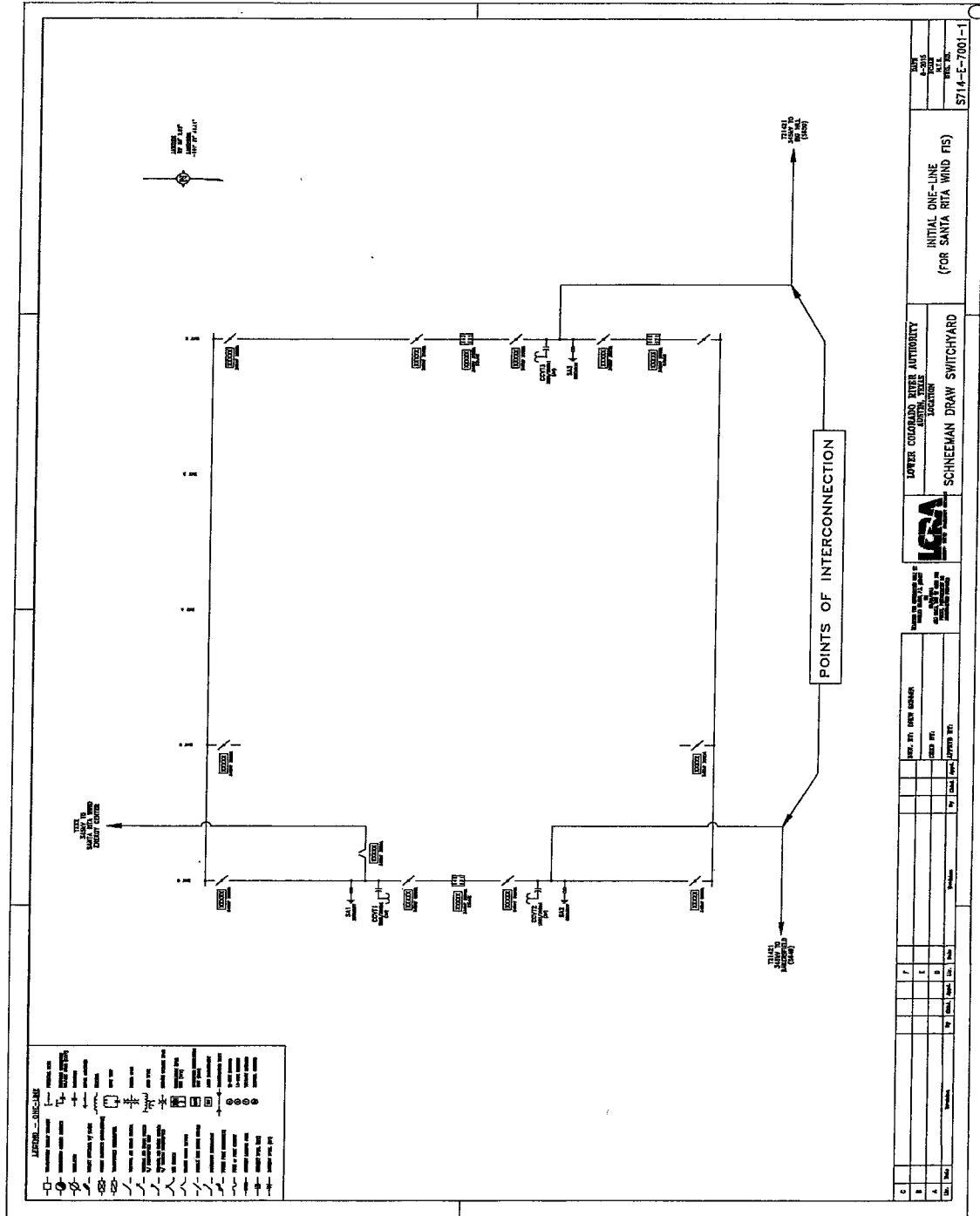
- The Corporation will monitor STEC 345 kV transmission line flows and other facilities at the Schneeman Draw Substation.
- The Corporation will provide ICCP data from the Schneeman Draw Substation to ERCOT in accordance with ERCOT requirements.
- The Corporation's standard 345 kV transmission line protection schemes will be applied and reviewed with STEC. Any deviations must be mutually agreed upon by STEC and the Corporation. Relay settings will be developed by the Corporation and reviewed with STEC.
- Each Party will name and number their respective equipment.
- Outage scheduling for the STEC 345 kV lines will be coordinated through the Corporation's System Operations Control Center, as the Corporation shall direct all switching at the Points of Interconnection and coordinate all switching of the Schneeman Draw Substation equipment.
- STEC is responsible for NERC TADS reporting for their 345 kV lines.
- This Facility Schedule identifies the Schneeman Draw Substation following the completion of the second phase of construction. The initial phase of construction will be a temporary tap connection at the Schneeman Draw Substation location as shown in the attached Temporary Tap Initial One-Line diagram. STEC will supply its temporary tap "line jumpers" and the Corporation will supply the temporary tap "station jumpers".
- The Corporation will install 3000 Amp substation series facilities so that it will not limit the STEC line rating at 105 degrees Fahrenheit ambient. The Corporation will provide the substation series equipment ratings to

STEC from 20 to 115 degrees Fahrenheit ambient in five degree increments for Normal, Two-Hour, and Fifteen-Minute conditions.

- The Parties will coordinate on the use of dynamic ratings for the STEC 345 kV line where the dynamic ratings are ambient temperature dependent from 20 to 115 degrees Fahrenheit in five degree increments.
- This Facility Schedule is dependent on the ERCOT Standard Generation Interconnection Agreement (SGIA) between the Corporation and generator associated with GINR 16INR0091 the Parties agree to amend this Agreement should the generator not complete its project.
- Corporation recognizes that STEC is installing the facilities described in Section 7 of this Facility Schedule to facilitate Corporation's request for the new Points of Interconnection identified in Section 2 of this Facility Schedule. If Corporation cancels its request for these Points of Interconnection prior to energizing the Points of Interconnection or if Corporation terminates the Points of Interconnection because the facilities are not required, Corporation agrees to pay the actual installed costs incurred and committed to be incurred by STEC, and the actual costs of removal of the STEC material and equipment, that STEC determines cannot be recovered through transmission cost of service rates. The total installed cost of the STEC facilities described hereinabove is estimated to be One Million Five Hundred Seventy-four Thousand One Hundred Eighteen dollars (\$1,574,118) which Corporation agrees is reasonable.
- The Parties agree to make the necessary modifications to their respective systems to interconnect the generator by an October 3, 2016 in-service date.

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FACILITY SCHEDULE NO. 13
 ONE LINE DIAGRAM
 STEC 2015A Amendment



FACILITY SCHEDULE NO. 13
 TEMPORARY TAP ONE LINE DIAGRAM
 STEC 2015A Amendment

