



Control Number: 35077



Item Number: 901

Addendum StartPage: 0

**PUC Project No. 35077**

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**First Amendment to**

**PUBLIC UTILITY COMMISSION  
FILING CLERK**

**INTERCONNECTION AGREEMENT**

**Between**

**LCRA Transmission Services Corporation**

**and**

**Indian Mesa Wind, LLC**

**Dated**

**December 4, 2018**

901

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## **FIRST AMENDMENT TO INTERCONNECTION AGREEMENT**

This First Amendment ("amendment") is made and entered into this 4th day of December, 2018 between LCRA Transmission Services Corporation ("Transmission Service Provider" or "TSP") and Indian Mesa Wind, LLC, a Delaware limited liability company ("Generator"), hereinafter individually referred to as "Party," and collectively referred to as "Parties."

**WHEREAS**, the Transmission Service Provider and the Generator entered into that certain Standard Generation Interconnection Agreement executed on May 29<sup>th</sup>, 2018 (the "Agreement");

**WHEREAS**, Generator has submitted to ERCOT a revised Resource Asset Registration Form ("RARF") indicating a change in the design of the Plant containing one hundred, twenty-five (125) Gamesa wind turbine units rated at .66-MW each and TSP, after having studied the impact of this change, along with Generator, wish to reflect these changes in the Agreement; and

**WHEREAS**, Indian Mesa Wind, LLC is a successor in interest to Indian Mesa Wind Farm, LLC.

**NOW, THEREFORE**, in consideration of the mutual covenants and agreements herein contained, the Parties hereto agree as follows:

1. Exhibits "B", "C", "C1", and "C2" are deleted in their entirety and the Exhibit "B", "C", "C1", and "C2" attached to this First Amendment are hereby added to the Agreement in lieu thereof.
2. Exhibits "B", "C", "C1", and "C2" attached to this First Amendment will become effective upon execution of this First 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.

--- signature page to follow ---

IN WITNESS WHEREOF, the Parties have executed this Agreement in duplicate originals, each of which shall constitute and be an original effective Agreement between the Parties.

Indian Mesa Wind, LLC

By: Daniel Gerard

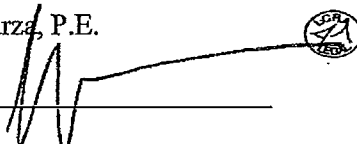
Signature: 

Title: Vice President

Date: 12/04/2018

LCRA Transmission Services Corporation

By: Sergio Garza, P.E.

Signature: 

Title: Vice President, LCRA Transmission Design and Protection

Date: Dec 04, 2018

**Exhibit "B"**  
**Time Schedule**

Interconnection Option chosen by Generator (check one):   X   Section 4.1.A. or        Section 4.1.B

If Section 4.1.B is chosen by Generator, the In-Service Date(s) was determined by (check one):  
(1)   N/A   good faith negotiations, or (2)   N/A   Designated by Generator upon failure to agree.

Date by which Generator must provide written notice to proceed with design and procurement and provide security, as specified in Section 4.2, so that TSP may maintain schedule to meet the In-Service Date:   N/A – due to existing generator  

Date by which Generator must provide written notice to commence construction and provide security, as specified in Section 4.3, so that TSP may maintain schedule to meet the In-Service Date:   N/A – due to existing generator  

In - Service Date(s):   December 15, 2018  

Scheduled Trial Operation Date:   December 15, 2018  

Scheduled Commercial Operation Date:   December 15, 2018  

Due to the nature of the subject of this Agreement, the Parties may mutually agree to change the dates and times of this Exhibit B.

## **Exhibit “C”**

### **Interconnection Details**

1. Name: Indian Mesa Wind, LLC (former location of Indian Mesa Orion/NWP Tap; also formerly Indian Mesa Wind Farm, LLC)
2. Point of Interconnection location: The Point of Interconnection will be at the LCRA TSC Fourmile Switchyard (“TSP Switchyard”) along the existing LCRA TSC 138-kV transmission line T620 located in Pecos County, TX, at the approximate location shown in Exhibit “C2”. The Point of Interconnection, shown on Exhibit “C1” shall be the physical point where the LCRA TSC Fourmile Switchyard facilities are connected to the GIF. This point is more specifically defined as being located at the 4-hole pad terminals on the dead-end assembly where the Generator’s 138-kV line connects to LCRA TSC’s interconnect structure.
3. Delivery Voltage: 138-kV
4. Number and size of Generating Units (“The Plant”): The Plant is a wind generation facility with 82.5 MW wind-powered electric generators.
5. Type of Generating Unit: 125 Gamesa wind turbines rated at .66 MW each, 60 Hz wind turbine generator system.
6. Metering and Telemetry Equipment:
  - A). TSP’s ERCOT polled settlement (“EPS”) metering will be located at the TSP’s Switchyard as part of the TIF. Three 138-kV extended range, metering accuracy current transformers will be used to accurately read the generation energy and power delivered to the grid and the auxiliary energy and power consumed through the Point of Interconnection. Three 138-kV metering accuracy voltage transformers will also be used by the TSP for the ERCOT settlement metering. The ERCOT settlement metering panel furnished by the TSP will be located in the TSP Switchyard.
  - B). A remote terminal unit (“RTU”) will be furnished by the TSP at the TSP Switchyard as part of the TIF and will have a dedicated communication port available to provide applicable breaker status and other telemetry data to ERCOT as required by the ERCOT Nodal Operating Guides.
  - C). Multi-ported RTU(s) will be furnished by the Generator at the Generator’s interconnection substation(s) as part of the GIF and will have dedicated communication port(s) available to provide breaker status and other telemetered data ERCOT as required by the ERCOT Nodal Operating Guides. The Generator is responsible for determining and providing all their RTU communications needs.

7. Generator Interconnection Facilities: The Generator will provide as a minimum, the following major equipment for the Generator Interconnection Facilities:
- A). One 138 kV line from the Fourmile Switchyard Point of Interconnection to the Generator's McKenzie Substation; and
  - B). Generator's McKenzie substation including 138-kV step-up transformer(s), transformer protection package(s), 138-kV circuit breaker(s), 138 kV line disconnect switch(es), and protective relaying panels for the GIF; and
  - C). Multi-ported RTU(s) and panels to provide breaker status, telemetry and energy data from the Generator's interconnection substation(s) to the Plant, Generator and ERCOT; and
  - D). Associated structures, buswork, conductor, connectors, grounding, conduit, control cable, foundation work, perimeter fencing, grading/dirt work and any appurtenances necessary for construction and operation of Generator Interconnection Facilities.
8. Transmission Interconnection Facilities: The TIF shall consist of the following:
- A). Modifications to the TSP's existing 138-kV transmission line T620;
  - B). Two (2) dead-end transmission structures for the line cut-in of T620;
  - C). One (1) new 138-kV Fourmile Switchyard including but not limited to the following equipment;
    - i. Three (3) substation A-frame structures (including 1 substation A-frame for TSP's interconnect structure for Generator's 138-kV line termination) within TSP Substation;
    - ii. 138-kV ring bus including bus supports and foundations;
    - iii. Ten (10) 138-kV MCOV surge arresters;
    - iv. Six (6) 138-kV coupling capacitor voltage transformers;
    - v. One (1) 138-kV power voltage transformer;
    - vi. Three (3) 138-kV circuit breakers with foundations and protective relay panels;
    - vii. Six (6) 138-kV, three-pole switches with HV tubular stands and foundations;
    - viii. Multi-ported RTU(s) and panels to provide breaker status, telemetry and energy data to the TSP and ERCOT;
    - ix. ERCOT settlement metering panel;
    - x. Two (2) EPS meters (one primary meter and one backup meter);
    - xi. Three (3) 138-kV extended range metering CT's;
    - xii. Three (3) 138-kV metering class voltage transformers; and



- xiii. 138-kV span of conductors from the TSP's interconnecting dead-end structure to the TSP Substation A-frame structure along with the jumpers between the TSP conductors and the Generator's line conductors at the TSP's interconnecting dead-end structure;
- xiv. Substation property, ground grid, gravel, fencing and appurtenances;
- xv. One (1) control house (24' x 42') with batteries, battery charger and appurtenances.

The above is not intended to be a complete list of all facilities that are part of the TIF.

9. Communications Facilities: Generator shall, in accordance with ERCOT Requirements and Good Utility Practice, provide communications facilities that are, or may in the future be, necessary for effective interconnected operation of the Plant and Generator Interconnection Facilities with the transmission system. Voice communications provided by the Generator shall at a minimum include one POTS (plain old telephone service) voice circuit in the Generator's substation control buildings.
10. System Protection Equipment:
  - A). Generator will provide a line protection panel for Generator's 138-kV line at the Generator's facilities, which will coordinate with the LCRA TSC line panel(s) at the TSP Substation.
  - B). Generator will be responsible for the proper synchronization of its facilities with the LCRA TSC transmission system, in accordance with ERCOT guidelines.
  - C). The Plant and the Generator Interconnection Facilities shall be designed to isolate any fault, or to disconnect from or isolate any abnormality that would negatively affect the ERCOT system. The Generator shall be responsible for protection of its facilities. In particular, Generator shall provide relays, circuit breakers, and all other devices necessary to promptly remove any fault contribution of the generation equipment to any short circuit occurring on the TSP system. Such protective equipment shall include, without limitation, a disconnect device or switch with the appropriate interrupting capability to be located within the Generator Interconnection Facilities. In addition to faults within the Plant and the Generator Interconnection Facilities, Generator shall be responsible for protection of such facilities from such conditions as negative sequence currents, over or under frequency, sudden load rejection, over or under voltage, generator loss of field, inadvertent energization (reverse power) and uncleared transmission system faults.
  - D). The Plant and the Generator Interconnection Facilities shall have protective relaying that is consistent with the protective relaying criteria described in the ERCOT Requirements and NERC standards. If reasonably requested by the TSP, Generator shall, at its expense, provide corrections or additions to existing control and protective equipment required to protect the ERCOT system or to comply with government, industry regulations, or standard changes.

E). The Generator's protective relay design shall incorporate the necessary test switches to enable complete functional testing. The required test switches will be placed such that they allow operation of lockout relays while preventing breaker failure schemes from operating and causing unnecessary breaker operations and tripping generator units.

F). Generator shall install sufficient disturbance and fault monitoring equipment to thoroughly analyze all system disturbances of the generation system. This equipment shall monitor the voltages at major nodes of the system, current at major branches, breaker and switch positions, and enough of the dc logic in the relay control scheme to analyze a system disturbance. The TSP shall provide for disturbance and fault monitoring equipment in its TSP Substation. The disturbance and fault monitoring for both Generator and TSP shall be consistent with the disturbance monitoring requirements described in the ERCOT Requirements and NERC standard.

G). Prior to modifying any relay protection system design or relay setting involving the connecting facilities between the two Parties, Generator shall submit the proposed changes to the TSP for review and approval. TSP's review and approval shall be for the limited purpose of determining whether such proposed changes are compatible with the ERCOT transmission system.

H). In accordance with Good Utility Practice and ERCOT and NERC standards, the TSP shall determine requirements for protection of the Point of Interconnection and the zone of protection around the Point of Interconnection and shall specify and implement protection and control schemes as necessary to meet such requirements. Generator shall have the right to review and comment on the necessary protection requirements, and such comments shall not be unreasonably refused by the TSP when determining such requirements. The TSP shall coordinate the relay system protection between Generator and the ERCOT system.

11. Inputs to Telemetry Equipment: GIF disconnect devices status, Generator's 138-kV line protection/relay status, and Generator's 138-kV line MegaWatts, MegaVars, KiloVolts and Amperes.

12. Supplemental Terms and Conditions:

A). Device Numbers, Switching and Clearance:

(a) Generator shall obtain prior approval of the TSP before operating any transmission voltage circuit switching apparatus (e.g. switches, circuit breakers, etc.) at the Generator Interconnection Facilities, whether for testing or for operations of the Plant, which approval shall not be unreasonably withheld, conditioned or delayed.

(b) The TSP shall coordinate switching at the Point of Interconnection. Each Party shall be responsible for operation of their facilities.

(c) In the event the Generator desires to have the ability to operate any directly connected TSP facilities for emergency operations switching, the TSP will provide transmission switching training to Generator personnel along with a copy of the TSP's transmission operations procedure manual ("Red Book") and any subsequent amendments thereto. Generator personnel or their designated agents that are to perform switching of

the directly connected TSP facilities must be on the TSP authorized switching list. Generator and the TSP agree to conduct all switching operations of any directly connected TSP facilities in accordance with the Red Book, as it may be changed by the TSP from time to time.

(d) Generator and TSP will collaborate and reach mutual agreement on the establishment of: i) unique name(s) for the Generator's substations, unit main transformers and switching station(s) connected at transmission voltage; ii) device numbers for all transmission voltage switches and breakers which will be owned by Generator; and iii) unique names for Generator's generating units, in accordance with ERCOT Requirements. Generator will submit to TSP, within thirty (30) days after execution of this Agreement, its proposed name(s), as referenced in this paragraph. Generator will register the name(s) of the facilities specified in this paragraph and Generator-owned device numbers at ERCOT, in accordance with ERCOT Requirements, and such names and device numbers will be consistent with the names and numbers mutually agreed upon pursuant to this paragraph. Generator will not change any of the names or device numbers, established pursuant to this paragraph, without written approval of TSP. Generator will label the devices, referenced in item (ii) above, with the numbers assigned to such devices.

(e) Each Party will keep records of maintenance and switching operations of control and protective equipment associated with this interconnection and will allow the other Party reasonable access to inspect such records.

B). No Retail Sale of Electricity to Generator by TSP: TSP considers the energy and power that the Plant and Generator Interconnection Facilities may from time to time consume from the 138-kV ERCOT grid through the Point of Interconnection to be a retail transaction and as such, the TSP does not intend to be the provider of this retail service. Generator shall make necessary arrangements with the appropriate retail supplier for the energy and power that the Plant and Generator Interconnection Facilities may consume from the 138-kV ERCOT grid through the Point of Interconnection.

C). Notification:

(a) Generator shall supply notification to the TSP identifying its Qualified Scheduling Entity (QSE) 120 days prior to the In-Service Date and Generator shall supply notification to the TSP 60 days prior to any changes in QSE, thereafter.

(b) Upon written request from TSP, Generator shall supply notification to the TSP identifying their retail service provider 120 days prior to the In-Service Date and Generator shall supply notification to the TSP 60 days prior to any changes in retail service provider, thereafter.

(c) In the event of any interruption of service, TSP shall provide prompt notice to Generator of cause of such interruption and an estimation of when the Plant may be re-connected to the TSP.

(d) Within forty-five (45) calendar days after the Scheduled Commercial Operation Date, Generator will execute a release in a form substantially similar to Attachment 1 hereto (the "Release"), the effect of which is to release any right, title and interest in the Fee Area (as defined in the Release) originally obtained by National Wind Power Limited under the Original Grant (as defined in the Release), any amendments to

the Original Grant, or by any other means, and will relocate the existing facilities located within the Fee Area.

13. Special Operating Conditions:

A). Quality of Power. Generator shall provide a quality of power into the TSP system consistent with the applicable ERCOT Requirements and NERC guidelines.

B). Harmonics. The Generator's alternating current generating system must have a frequency of 60 Hz, be designed for balanced three-phase operation, not cause unreasonable imbalance on the ERCOT system or the TSP Switchyard equipment, and adhere to the recommendations in Institute of Electrical and Electronic Engineers Recommended Practices and Requirements for Harmonic Control in Electrical Power Systems (IEEE 519), or its successor.

C). Voltage, Frequency and Reactive Support.

(a) Generator shall have and maintain the reactive capability as required in the ERCOT Requirements.

(b) Generator shall be able to remain online during voltage disturbances up to the time periods and associated voltage levels set forth in the ERCOT requirements for Voltage Ride Through (VRT) capability.

(c) The Generator shall be equipped with both frequency and voltage controls and shall be operated in synchronism with the TSP's system with such controls in service. Generator shall notify the TSP at any such time that such controls are out of service.

D). ERCOT Operating Arrangements. A special ERCOT-approved operating arrangement such as a Remedial Action Plan or Special Protection System may be required either prior to, or after, Commercial Operation. The terms "Remedial Action Plan" and "Special Protection System" shall have the meanings as set forth in the ERCOT Requirements. TSP and ERCOT will examine the need and feasibility of these arrangements in cooperation with the Generator. In the event that ERCOT determines that such an arrangement is required, then TSP, ERCOT, and Generator will cooperate to design and install the necessary facilities, to be operational for the duration of the period where such Remedial Action Plan or Special Protection System may be necessary.

E). Back-up Power during Point of Interconnection Outage. The Generator acknowledges that this Point of Interconnection may not always be available due to maintenance or other outage activities and at these times of unavailability the loss of both generator output and power delivery to the Generator will not be the responsibility of the TSP. The Generator is responsible for providing any back-up power sources that it may require due to the unavailability of this Point of Interconnection for any period of time.

F). Sub-synchronous Resonance (SSR) Study. Generator has requested that this Agreement be signed prior to completion of the SSR study associated with this interconnection request. Pursuant to Section 5.4.5.1 of the current ERCOT Planning Guide,

the TSP shall complete the SSR study prior to initial synchronization of the plant. The findings of the SSR study may dictate that the Generator and/or TSP install additional facilities to mitigate this vulnerability in conjunction with this interconnection request. ERCOT and TSP shall approve all mitigation plans. Such mitigation may require additional time for the TSP to meet its In-Service Date and/or it may increase the dollar amount of the Security Instrument required of Generator. If mitigation is required, this Agreement shall be amended to include any additional facilities, additional time, and additional amount of Security. However, Generator may provide ERCOT and TSP documentation that conclusively establishes that the Plant will not be subject to sub-synchronous resonance problems with series compensation on the ERCOT system. ERCOT and TSP shall determine if such documentation is sufficient to preclude the need for TSP to perform the SSR study. Such documentation shall be supplied by Generator to ERCOT and TSP no later than ninety (90) days prior to initial synchronization of the plant. In the event that the generator vendor advises Generator that it cannot supply generators for the Plant that are compatible with the transmission system series compensation, the Generator shall notify TSP of such event, which shall be deemed a Default under Section 10.6 of the Agreement.

ATTACHMENT 1

**NOTICE OF CONFIDENTIALITY RIGHTS: IF YOU ARE A NATURAL PERSON, YOU MAY REMOVE OR STRIKE ANY OF THE FOLLOWING INFORMATION FROM THIS INSTRUMENT BEFORE IT IS FILED FOR RECORD IN THE PUBLIC RECORDS: YOUR SOCIAL SECURITY NUMBER OR YOUR DRIVER'S LICENSE NUMBER.**

**PARTIAL RELEASE**

STATE OF TEXAS           §  
                                  §       **KNOW ALL MEN BY THESE PRESENTS:**  
COUNTY OF PECOS       §

**DATE:** \_\_\_\_\_, 2018

**Recitals**

**WHEREAS**, Richard Gregg McKenzie; Lou Ann McKenzie; Carolyn McKenzie Edwards; Roy Neal McKenzie; Marilyn McKenzie; Lawrence Byron McKenzie; Barbara McKenzie; William Chapman; and Virginia McKenzie Chapman (collectively, "Landowners"), entered into a certain Grant of Easement and Easement Agreement and Restrictive Covenant with Indian Mesa Wind Farm, LLC f/k/a NWP Indian Mesa Wind Farm, LP, successor in interest to National Wind Power Limited, a limited company organized under the laws of England and Wales ("Indian Mesa"), a Memorandum of which, dated October 9, 2000, was recorded in Volume 724, Page 94, of the Deed Records of Pecos County, Texas (the "Original Grant"), which conveyed to Indian Mesa, an exclusive wind easement, a non-exclusive access easement, and a non-exclusive transmission easement, on, over, and along the surface of the property described in Exhibit A thereto (the "Wind Easement Property") and a non-exclusive right, privilege, license and easement covering certain specified appurtenances thereto ("Appurtenances").

**WHEREAS**, LCRA Transmission Services Corporation ("LCRA TSC") desires to purchase from Lou Ann McKenzie; The L.B. McKenzie and Barbara F. McKenzie Trust; Gregg Lea Fairbank; Rebecca Lea Griffith; Bryan McKenzie, Trustee of the Bryan McKenzie Trust; MMH Big Canyon Ranch; JM Three Canyon Ranch; Austin Trust Company, Trustee of the Ted McKenzie Special Needs Trust; Stephen Cade Schneemann; Mike Fairbank; Jennifer Lea Cain Hyde, individually and as Independent Executrix of the Estate of Mary C. Cain, Deceased; Mary Kathleen Cain Mires; and Kyle McKenzie Cain ("Current Landowners"), and Current Landowners are willing to sell and convey to LCRA TSC 7.815 acres of land in fee simple being more particularly described and depicted in Exhibit "A" attached hereto and incorporated herein for all purposes (the "Fee Area").

**WHEREAS**, the Fee Area is included as part of the Wind Easement Property that is subject to the Original Grant.

## ATTACHMENT 1

**WHEREAS**, the Current Landowners are now the owners of the Wind Easement Property.

**WHEREAS**, LCRA TSC has requested Indian Mesa to partially release the Fee Area from the Original Grant, and Indian Mesa is willing to partially release the Fee Area from the Original Grant pursuant to the terms of this Partial Release; provided, however, Indian Mesa will retain an easement on, over, and upon the surface of the approximately ten-foot-wide (10') property described in Exhibit "B" attached hereto and incorporated herein for all purposes (the "Reserved Easement Area"), in order to construct, operate and maintain a 35 kV electric cable. At the time this Partial Release was executed, the plat and field note description of the Reserved Easement Area to be attached as Exhibit B had not been finalized. Indian Mesa and LCRA TSC agreed to execute this Partial Release using the sketch attached as Exhibit B for a description of the Reserved Easement Area. Indian Mesa and LCRA TSC agree that after a survey of the Reserved Easement Area is finalized, including plat and field notes, the survey will be attached to this Reserved Easement Area as Exhibit B replacing the sketch, and this Partial Release will be filed by LCRA TSC in the Deed Records of Pecos County.

### Agreement

**NOW, THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged and confessed, and the above-mentioned recitals, which are incorporated herein for all purposes, Indian Mesa releases and discharges all of its right, title and interest in the Fee Area under the Original Grant, or any amendments to the Original Grant, or by any other rights acquired by any other means such that Indian Mesa has no interest in the Fee Area except that Indian Mesa retains an easement on, over, and upon the Reserved Easement Area for the construction, operation and maintenance of a 35 kV electric cable.

This Partial Release shall run with the land and be binding on Indian Mesa and Indian Mesa's legal representatives, successors, and assigns, including each and every subsequent owner and holder of the Original Grant and any amendments thereto. The terms of this Partial Release shall inure to the benefit of each and every subsequent owner of the Fee Area or any part thereof.

When the context requires, singular nouns and pronouns include the plural.

**INDIAN MESA WIND FARM, LLC,  
a Delaware limited liability company**

By: \_\_\_\_\_  
Name:  
Title:

ACKNOWLEDGEMENT

STATE OF TEXAS

§

§

KNOW ALL MEN BY THESE PRESENTS:

COUNTY OF \_\_\_\_\_

§

This instrument was acknowledged before me on this \_\_\_\_ day of \_\_\_\_\_,  
2018, on behalf of Indian Mesa Wind Farm, LLC, a Delaware limited liability company, by  
\_\_\_\_\_ its \_\_\_\_\_.

\_\_\_\_\_  
Notary Public in and for the State of Texas

My Commission Expires: \_\_\_\_\_



## EXHIBIT A

Pecos County, Texas  
Survey No. 84, Block 194  
GC & SF RR CO Survey, Abstract No. 7055  
Lower Colorado River Authority

7.815 Acres  
Page 1 of 3

### EXHIBIT " \_\_\_\_\_ "

BEING A 7.815 ACRE TRACT OF LAND SITUATED IN SURVEY No. 84, BLOCK 194 IN THE GC & SF RR CO SURVEY, ABSTRACT No. 7055 IN PECOS COUNTY, TEXAS, SAID 7.815 ACRE TRACT OF LAND BEING A PORTION OF SURVEY No. 84, BLOCK 194, 412.41 ACRES OF LAND, BY DESCRIPTION IN THE CORRECTED FIELD NOTES FOR SURVEY No. 84, BLOCK 194, SURVEYED OCTOBER 15, 1943, AND RECORDED IN BOOK 11, PAGE 105 OF THE SURVEYOR'S RECORDS OF PECOS COUNTY, TEXAS, SAID 7.815 ACRE TRACT OF LAND BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

**BEGINNING** at a 5/8 inch iron rod with cap stamped "GORRONDONA" set (Grid Coordinates N=10,307,679.75 US Feet, E=1,710,812.28 US Feet) for corner, from which a 1-1/2 inch galvanized pipe in a rock mound found for the southwest corner of said Survey No. 84 and the northeast corner of Survey No. 87, Block 194, 430 acres of land, by description in the Corrected Field Notes for Survey No. 87, Block 194, Abstract No. 4373, surveyed July 5, 1941 and recorded in Book 11, Page 241 of the Surveyor's Records of Pecos County, Texas, said 1-1/2 inch galvanized pipe in a rock mound being in the east line of Section 24, Block 16, University Land as shown on the Texas General Land Office Roll Sketch No. 116 for Pecos County, Texas, filed January 19, 1944, bears South 18 degrees 24 minutes 51 seconds West, a distance of 4709.74 feet;

**THENCE**, over and across said Survey No. 84, the following six (6) courses:

1. North 35 degrees 07 minutes 53 seconds East, a distance of 512.06 feet to a 5/8 inch iron rod with cap stamped "GORRONDONA" set for corner;
2. South 54 degrees 52 minutes 09 seconds East, a distance of 576.07 feet to a 5/8 inch iron rod with cap stamped "GORRONDONA" set for corner;
3. South 35 degrees 07 minutes 52 seconds West, a distance of 264.03 feet to a 5/8 inch iron rod with cap stamped "GORRONDONA" set for corner;
4. South 54 degrees 52 minutes 08 seconds East, a distance of 166.40 feet to a 5/8 inch iron rod with cap stamped "GORRONDONA" set for corner;
5. South 27 degrees 24 minutes 36 seconds West, a distance of 250.30 feet to a 5/8 inch iron rod with cap stamped "GORRONDONA" set for corner, from which, a 2 inch galvanized pipe in a rock mound found for the southeast corner of said Survey No. 84 and for the northeast corner of said Survey No. 87, said 2 inch galvanized pipe in a rock mound found for the northwest corner of Survey No. 86, Block 194, Abstract No. 6726, 649.6 acres of land, by description in the Corrected Field Notes of Survey No. 86, Block 194, surveyed July 5, 1941 and recorded in Book 10, Page 251 of the Surveyor's Records of Pecos County, Texas, and also being the southwest corner of Survey No. 85, Block 194, Abstract No. 4364, 649.6 acres of land, by description in the Corrected Field Notes for Survey No. 85, Block 194, surveyed July 5, 1941 and recorded in Book 10, Page 252 of the Surveyor's Records of Pecos County, Texas, bears South 17 degrees 02 minutes 41 seconds East, a distance of 4317.82 feet.
6. North 54 degrees 52 minutes 07 seconds West, a distance of 776.10 feet to the **POINT OF BEGINNING**, and containing 7.815 acres of land, more or less.

Bearing Basis: Texas Lambert Grid, Central Zone, NAD83/2011 EPOCH 2010.

All distances are surface values and in U S Survey Feet. To compute grid values multiply surface distances by a Combined Scale Factor of 0.999772929.

The field notes and the plat attached hereto represent an on-the-ground survey made under my direct supervision during the month of March, 2018.

*David R. Hartman* 9/11/18  
David R. Hartman  
Registered Professional Land Surveyor No. 5264  
Gorrondona and Associates, Inc.  
4201 W. Parmer Lane, Bldg A, Suite 150  
Austin, Texas 78727  
(512) 719-9933  
TBPLS Firm No. 10106900



Word File: S564001A-0001B.DOC  
Drawing File: S564001A-0001B.DWG

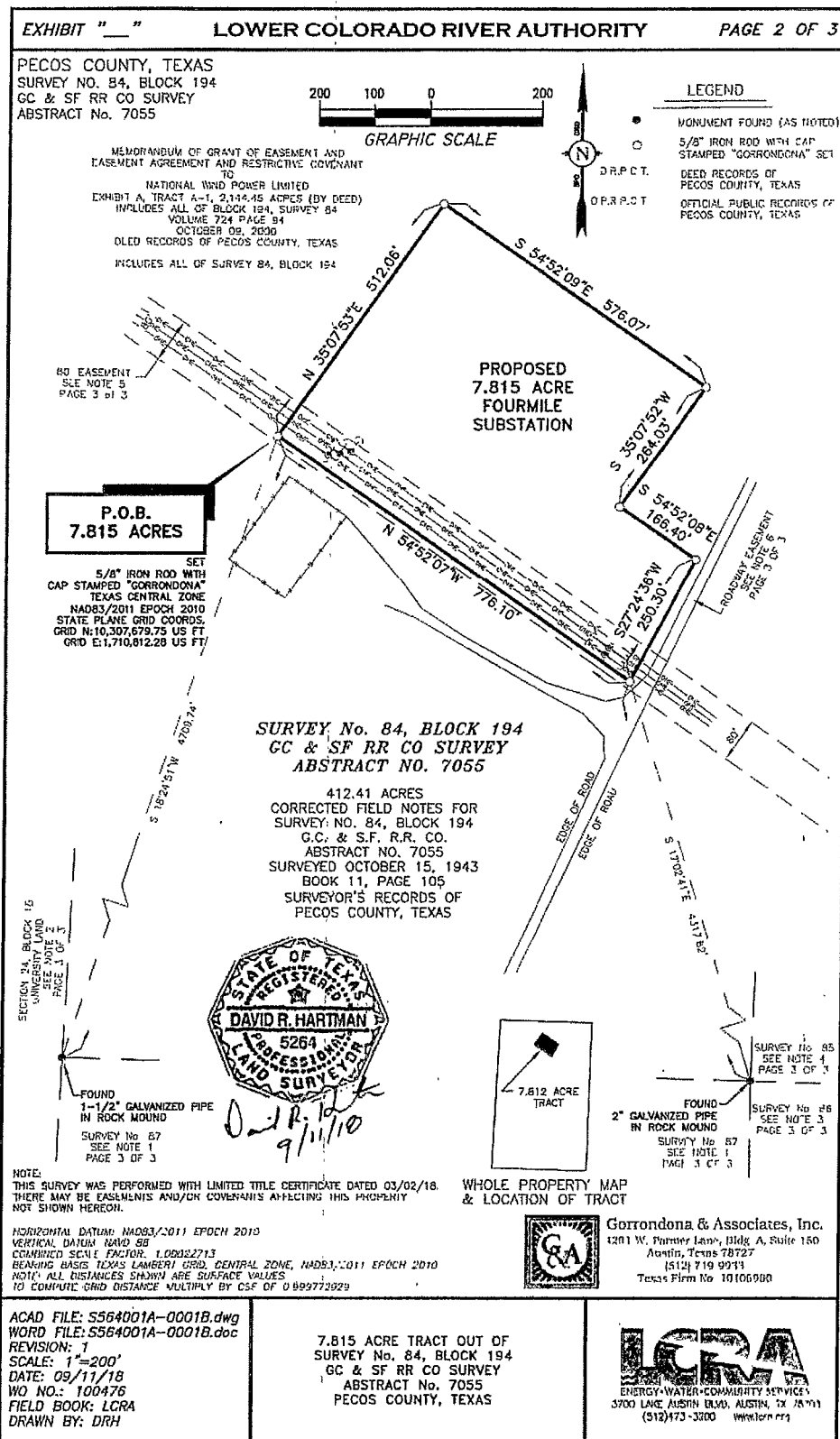
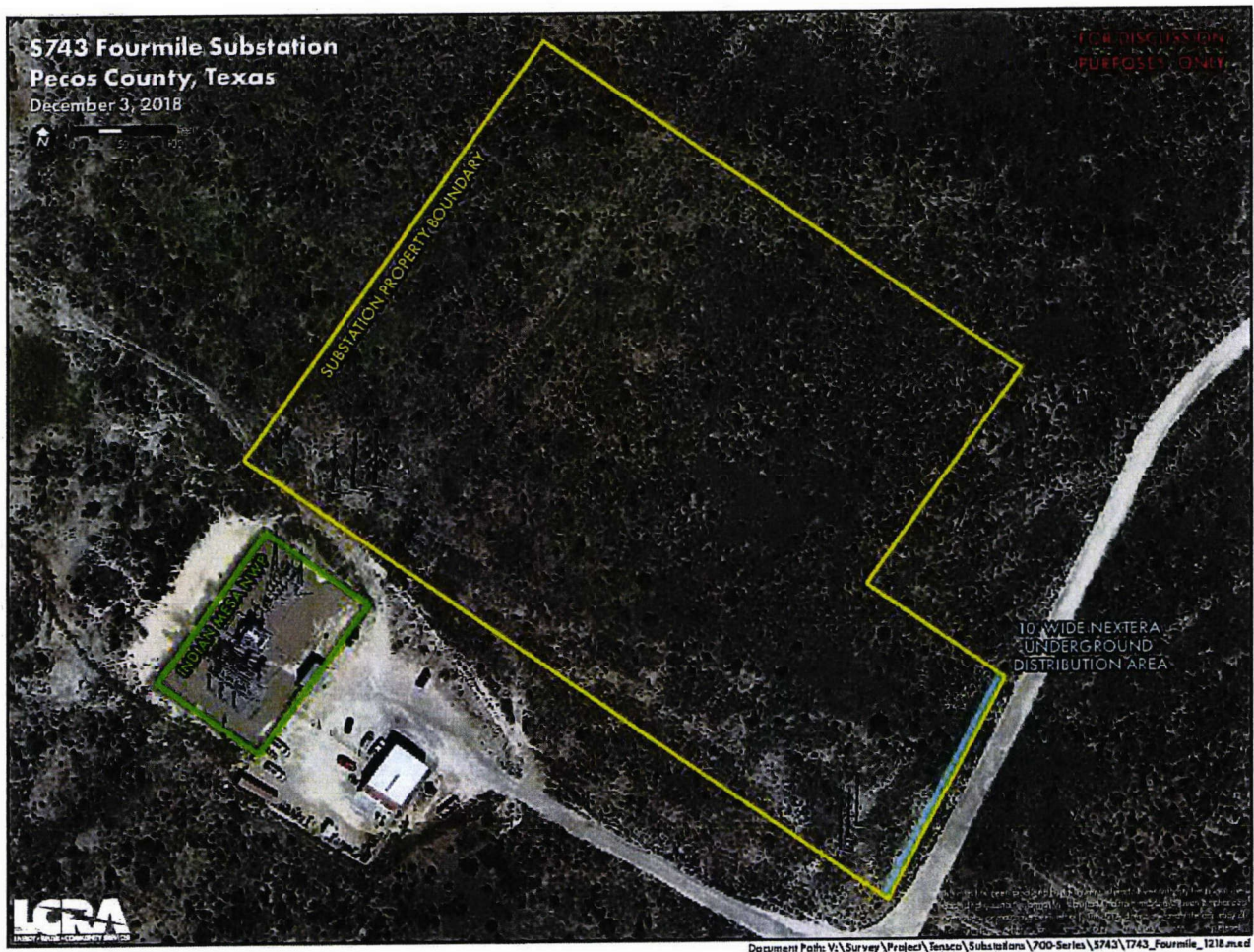
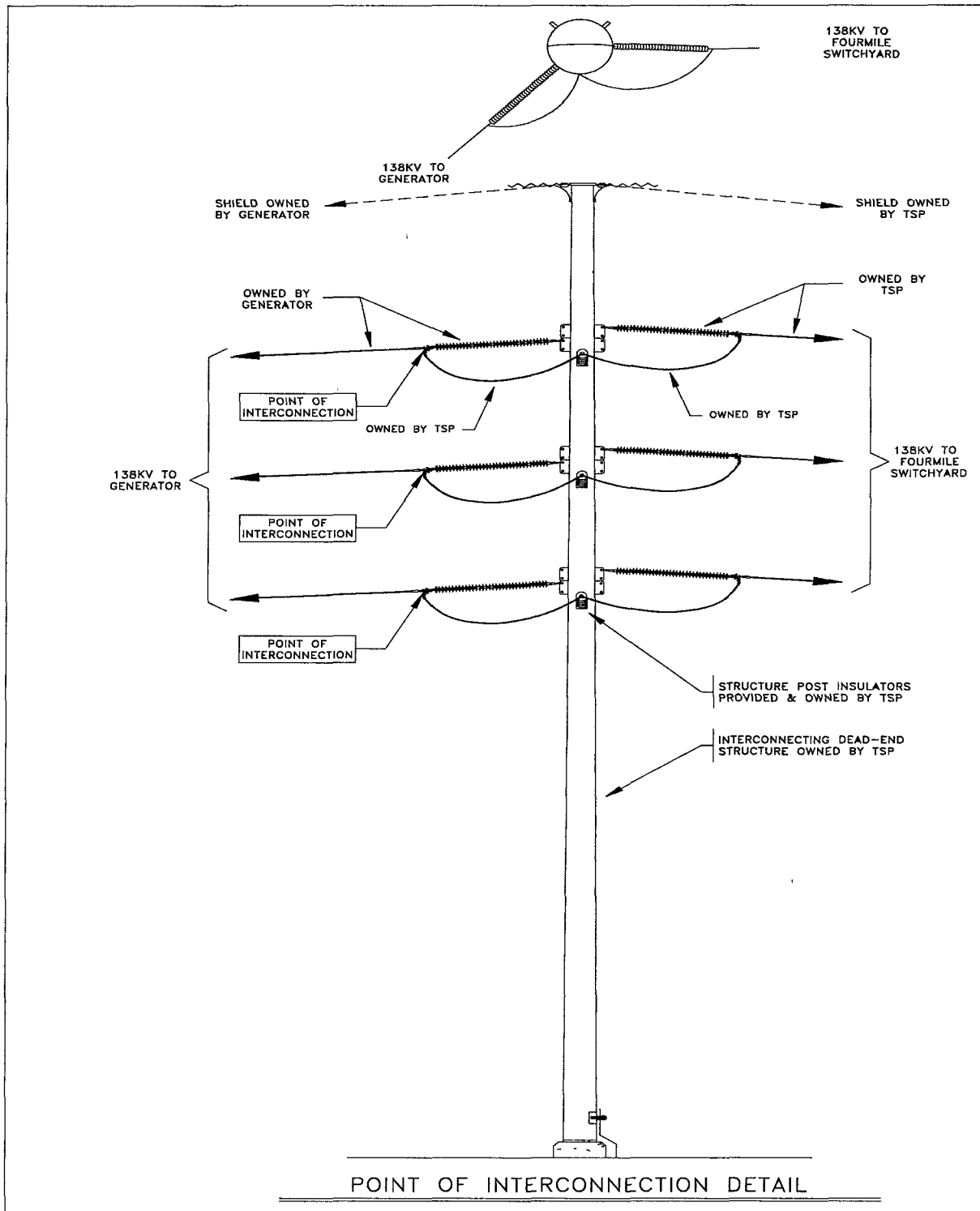


EXHIBIT "___" LOWER COLORADO RIVER AUTHORITY		PAGE 3 OF 3
<p>PECOS COUNTY, TEXAS  SURVEY No. 84, BLOCK 194  GC &amp; SF RR CO SURVEY  ABSTRACT No. 7055</p>		
<p>NOTES 1 - 4  ADJOINING SURVEYS</p>		
<p>NOTE 1</p> <p><b>SURVEY No. 87, BLOCK 194</b>  <b>GC &amp; SF RR CO SURVEY</b>  <b>ABSTRACT NO. 4373</b></p> <p>430 ACRES  CORRECTED FIELD NOTES FOR  SURVEY NO. 87, BLOCK 194  G.C. &amp; S.F. R.R. CO.  ABSTRACT NO. 4373  SURVEYED JULY 5, 1941  BOOK 11, PAGE 241  SURVEYOR'S RECORDS OF  PECOS COUNTY, TEXAS</p>		
<p>NOTE 2</p> <p><b>SECTION 34, BLOCK 16</b>  <b>UNIVERSITY LAND</b></p> <p>AS SHOWN ON TEXAS GENERAL LAND OFFICE  ROLL SKETCH NO. 116, PECOS COUNTY,  FILED JANUARY 19, 1944</p>		
<p>NOTE 3</p> <p><b>SURVEY No. 86, BLOCK 194</b>  <b>GC &amp; SF RR CO SURVEY</b>  <b>ABSTRACT NO. 6726</b></p> <p>649.6 ACRES  CORRECTED FIELD NOTES FOR  SURVEY NO. 86, BLOCK 194  G.C. &amp; S.F. R.R. CO.  ABSTRACT NO. 6726  SURVEYED JULY 5, 1941  BOOK 10, PAGE 251  SURVEYOR'S RECORDS OF  PECOS COUNTY, TEXAS</p>		
<p>NOTE 4</p> <p><b>SURVEY No. 85, BLOCK 194</b>  <b>GC &amp; SF RR CO SURVEY</b>  <b>ABSTRACT NO. 4364</b></p> <p>649.6 ACRES  CORRECTED FIELD NOTES FOR  SURVEY NO. 85, BLOCK 194  G.C. &amp; S.F. R.R. CO.  ABSTRACT NO. 4364  SURVEYED JULY 5, 1941  BOOK 10, PAGE 252  SURVEYOR'S RECORDS OF  PECOS COUNTY, TEXAS</p>		
<p>EXISTING EASEMENTS NOTES 5-6</p> <p>NOTE 5</p> <p>SUPPLEMENTAL EASEMENT AND RIGHT-OF-WAY  80' TRANSMISSION LINE  AEP TEXAS NORTH COMPANY  VOLUME 750, PAGE 552  DEED RECORDS OF PECOS COUNTY, TEXAS  FEBRUARY 3, 2004  (DOES AFFECT AND SHOWN HEREON)</p> <p>SUPPLEMENTAL EASEMENT AND RIGHT-OF-WAY  80' TRANSMISSION LINE  AEP TEXAS NORTH COMPANY  VOLUME 750, PAGE 567  DEED RECORDS OF PECOS COUNTY, TEXAS  FEBRUARY 4, 2004  (DOES AFFECT AND SHOWN HEREON)</p> <p>SUPPLEMENTAL EASEMENT AND RIGHT-OF-WAY  80' TRANSMISSION LINE  AEP TEXAS NORTH COMPANY  VOLUME 750, PAGE 572  DEED RECORDS OF PECOS COUNTY, TEXAS  FEBRUARY 3, 2004  (DOES AFFECT AND SHOWN HEREON)</p> <p>SUPPLEMENTAL EASEMENT AND RIGHT-OF-WAY  80' TRANSMISSION LINE  AEP TEXAS NORTH COMPANY  VOLUME 750, PAGE 577  DEED RECORDS OF PECOS COUNTY, TEXAS  FEBRUARY 5, 2004  (DOES AFFECT AND SHOWN HEREON)</p> <p>SUPPLEMENTAL EASEMENT AND RIGHT-OF-WAY  80' TRANSMISSION LINE  AEP TEXAS NORTH COMPANY  VOLUME 750, PAGE 588  DEED RECORDS OF PECOS COUNTY, TEXAS  FEBRUARY 6, 2004  (DOES AFFECT AND SHOWN HEREON)</p> <p>NOTE 6</p> <p>ATLANTIC RICHFIELD COMPANY  ROADWAY EASEMENT  EXISTING ROADS AND NEW ROAD IN  SURVEY 84, BLOCK 194  VOLUME 630, PAGE 441  DEED RECORDS OF PECOS COUNTY, TEXAS  NOVEMBER 19, 1992  (ROAD SHOWN HEREON)</p> <p>ATLANTIC RICHFIELD COMPANY  ROADWAY EASEMENT  EXISTING ROADS AND NEW ROAD IN  SURVEY 84, BLOCK 194  VOLUME 610, PAGE 450  DEED RECORDS OF PECOS COUNTY, TEXAS  NOVEMBER 19, 1992  (ROAD SHOWN HEREON)</p> <p>WESTMAN ENERGY I  ROADWAY EASEMENT  EXISTING ROADS IN  SURVEY 84, BLOCK 194  VOLUME 729, PAGE 605  DEED RECORDS OF PECOS COUNTY, TEXAS  OCTOBER 5, 2001  (ROAD SHOWN HEREON)</p>		
<p>ACAD FILE: S564001A-0001B.dwg  WORD FILE: S564001A-0001B.doc  REVISION: 1  SCALE: N/A  DATE: 09/11/10  WO NO.: 100476  FIELD BOOK: LCRA  DRAWN BY: DRH</p>		
<p>7,815 ACRE TRACT OUT OF  SURVEY No. 84, BLOCK 194  GC &amp; SF RR CO SURVEY  ABSTRACT No. 7055  PECOS COUNTY, TEXAS</p>		
<p>Gorrondona &amp; Associates, Inc.  4201 W. Parmer Lane, Bldg. A, Suite 150  Austin, Texas 78727  (512) 719-2933  Texas Firm No. 10106900</p>		
<p><b>LCRA</b>  ENERGY-WATER-COMMUNITY SERVICES  5100 LAKE AUSTIN BLVD. AUSTIN, TX 78701  (512) 475-3200 www.lcra.org</p>		

EXHIBIT B



**Exhibit "C1"**  
**Point of Interconnection Details**  
**Fourmile Switchyard**



### One Line Diagram – TSP Interconnection Facilities, Generation Interconnection Facilities and the Plant



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