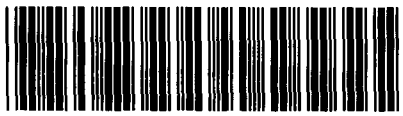

Control Number: 35077

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Addendum StartPage: 0

35077

STEC SOUTH TEXAS ELECTRIC COOPERATIVE, INC.

August 1, 2019

RECEIVED
2019 AUG -5 AM 9:29
PUBLIC UTILITY COMMISSION
FILING CLERK

Filing Clerk
Public Utility Commission of Texas
1701 N. Congress Avenue
P.O. Box 13326
Austin, TX 78711-3328
Re: Project No. 35077

To Whom it may concern:

Attached is a copy of the Amendment to the ERCOT Standard Generation Interconnection Agreement (the "Agreement") between South Texas Electric Cooperative ("STEC") and Palmas Wind, LLC for filing at the Public Utility Commission of Texas. The purpose of the Amendment was to better define the Point of Interconnection. The original language did not define the ownership of a short piece of conductor between the transmission facilities and the generator facilities. The Amendment assigns ownership to STEC.

Please feel free to contact dottyd@stec.org if there are any questions regarding this interconnection agreement.
Sincerely,

Dotty DiSanto, P.E.
Member Services Coordinator
South Texas Electric Cooperative

9484

AMENDMENT NO. 1 TO THE
ERCOT STANDARD GENERATION INTERCONNECTION AGREEMENT
Between *Palmas Wind, LLC* and *South Texas Electric Cooperative (STEC)*
For GINR 17INR0037---*Palmas Wind Energy Project*

This Amendment No. 1 to the ERCOT Standard Generation Interconnection Agreement between Palmas Wind, LLC and South Texas Electric Cooperative (STEC) for GINR 17INR0037-"Palmas Wind Energy Project" (this "Amendment") is made by and between **Palmas Wind, LLC** ("Generator") and **South Texas Electric Cooperative, Inc.**, ("Cooperative") as of June 17, 2019. Generator and Cooperative are each sometimes hereinafter referred to individually as a "Party" or collectively as the "Parties." Capitalized terms used and not otherwise defined herein shall have the meanings ascribed to such terms in the Generation Interconnection Agreement (defined below).

WITNESSETH

WHEREAS, Generator and Cooperative are parties to the certain ERCOT Standard Generation Interconnection Agreement dated as of November 30, 2017 (the "Generation Interconnection Agreement");

WHEREAS, the Parties agree that the Transmission Service Provider Interconnection Facilities as described in the Generation Interconnection Agreement do not reflect all of the facilities to be installed;

WHEREAS, the Parties agree that the Transmission Service Provider Interconnection Facilities as described in the Generation Interconnection Agreement did not include approximately 1000 feet of 138kV line from the STEC dead-end to the GIF;

WHEREAS, the Parties have agreed to amend Section (8) (Transmission Service Provider Interconnection Facilities) of Exhibit "C" (Interconnection Details) to the Generation Interconnection Agreement to include approximately 1000 feet of 138kV line from the STEC dead-end to the GIF; and

WHEREAS, the Parties have agreed to amend the One-line Drawing set forth in Exhibit "C" (Interconnection Details) to the Generation Interconnection Agreement to include approximately 1000 feet of conductor.

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

I. ADDITIONS AND AMENDMENTS

A. Effective as of the date first written above, Exhibit "C" (Interconnection Details) of the Generation Interconnection Agreement is hereby amended by deleting the existing Exhibit "C" (Interconnection Details) in its entirety and substituting therefor the form of Exhibit "C" (Interconnection Details) attached hereto.

II. RATIFICATION OF OTHER TERMS

All other terms and conditions of the Generation 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.

[The remainder of this page is intentionally left blank]

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.

South Texas Electric Cooperative, Inc.

By:_____
Michael Kezar
General Manager

Date: 6-19-19

Palmas Wind, LLC

By:_____
Rafael Esteban Fernández de Córdoba

Title: Authorized Signatory

Date: June 17, 2019

By:_____
Basilio Guerrero Iñigo

Title: Authorized Signatory

Date: June 17, 2019

Exhibit "C"
Interconnection Details

1) **Name:** Palmas Wind Energy Project

2) **Point of Interconnection Location:** Palmas Wind collection point station

3) **Delivery Voltage:** 138 kV

4) **Number and Size of Generating Units:** Approximately 46 wind turbine generators rated 3.15 MW each

5) **Type of Generating Unit:** wind turbine generators

6) **Metering and Telemetry Equipment:** TSP shall install settlement metering, including necessary associated instrument transformers, panels, conduit, wiring, and wiring devices, in compliance with ERCOT Polled Settlement (EPS) metering requirements in protocols and guides at the Point of Interconnection listed above to measure the demand and energy from Generator's facilities entering the ERCOT grid through the Point of Interconnection. TSP shall install the communications devices necessary to remotely access the metering equipment. TSP shall install a single EPS meter point.
    a) TSP will furnish, install and maintain a remote terminal unit ("RTU") and dedicated communications paths to remotely access breaker status, telemetry, and control interfaces of the TIF. This RTU will have a port available to the Generator, through Generator's communications path(s), for read only purposes.
    b) Generator shall provide device status, telemetry, and device controls (SCADA), through an agreed-upon interface such as an RTU port via communication protocol acceptable to TSP, of the GIF as requested by TSP.
    c) Generator and TSP shall coordinate the responsibilities for installing and maintaining climate-controlled control house space for communications, metering, protective relay devices and battery backup systems.

7) **Generator Interconnection Facilities:** The GIF will generally consist of one or more 138 kV, wye-wound primary generator step-up (GSU) transformers and associated breaker(s), switches, protective relaying and other necessary equipment located at Generator's facilities.

8) **Transmission Service Provider Interconnection Facilities:** The TSP interconnection facilities will generally consist of 1) a 138 kV line terminal at the East Rio Hondo substation or other effective location 2) approximately 6 miles of 138 kV transmission line 3) a 138 kV line terminal at the station containing the GIF, including but not limited to a dead-end structure, a 138 kV line breaker with associated protective relaying, air disconnect switches and bus work, and EPS metering instrument transformers and devices and (4) approximately 1000 feet of 138kV line from the STEC dead-end to the dead-end structure owned by the Generator at the GIF including the associated insulators.

9) **Transmission Service Provider Studies:** TSP agrees to evaluate the benefits and application of dynamic transmission line ratings and remedial action schemes involving adjacent transmission lines of the TSP that have the potential to materially decrease congestion that is significantly contributed to by Palmas Wind output.

10) **Communications Facilities:** TSP shall provide a communications path to the GIF station for the purpose of fulfilling ERCOT operating requirements of transmission service providers, SCADA, and for use by transmission protective relay systems. It is anticipated that TSP will utilize optical ground wire in the construction of the transmission line as part of the communications path.

    Communications channels may include leased circuit(s), microwave radio, fiber optics or other media satisfactory to TSP. If circuits are leased by Generator to provide communications capabilities or data requested by TSP, Generator shall provide TSP and the communication provider with the necessary advanced authorization for communication circuit maintenance, allowing TSP to monitor circuits, report trouble and take corrective action with the circuit owner(s).

11) **System Protection Equipment:** Protection of each Party's system and facilities shall meet the following TSP requirements in addition to ERCOT requirements. If there is a conflict between the TSP requirements below and the ERCOT requirements, the ERCOT requirements shall govern.
    a) TSP assumes no responsibility for the protection of the Plant and GIF for any or all operating conditions. Generator is solely responsible for protecting its equipment in such a manner that faults of other disturbances of the TSP system or other interconnected systems do not cause damage to the Plant and GIF.
    b) It is the sole responsibility of the Generator to protect its Plant and GIF from excessive negative sequence currents, abnormal frequency, abnormal voltage, and any other condition of the transmission network.
    c) TSP reserves the right to lock open the air disconnect switch that isolates the TIF from the GIF for any of the following reasons:
        i) The Plant or GIF, upon TSP's determination, causes objectionable interference with other transmission customer service or with the secure operation of the TSP System;
        ii) The Generator's control and protective equipment causes or contributes to a hazardous condition.
        iii) To perform maintenance and repairs on the TIF.
    d) TSP reserves the right to, at the time of its choosing, verify the satisfactory operation of all protective equipment including relays, circuit breakers, and associated communications at the interconnection station. TSP's verification may include operation of breakers. TSP will attempt to notify Generator before any disconnection but notification may not be possible in emergency situations that require immediate actions.
    e) Automatic reclosing is utilized by TSP on the line breakers located at the East Rio Hondo substation and at adjacent stations. If the TSP's breakers open in a manner that isolates the Generator, Generator shall insure that its the Plant and GIF disconnects from the TSP circuit prior to the automatic reclosing of TSP's breakers. Automatic reclosing the Plant while it is out-of-phase with respect to the transmission grid may cause damage to the

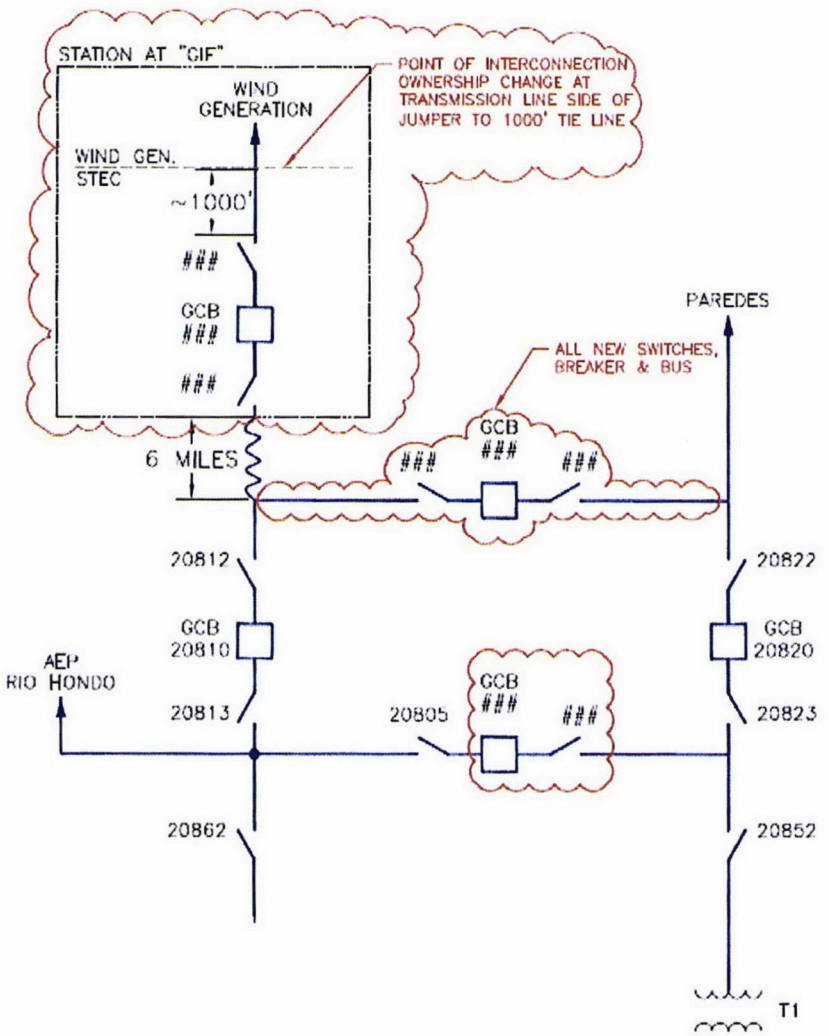
Plant. The Generator is solely responsible for the protection of its facilities from automatic reclosing by TSP. No automatic reclosing on the line connecting the Plant to the East Rio Hondo substation will be implemented until transmission improvements are made that make reclosing applicable.

f) Disturbance Monitoring Equipment (DME) consistent with ERCOT protocols will be an integral part of TSP's protective relay system. The monitoring requirement of TSP does not reduce the Generator's obligation to meet its disturbance monitoring requirements according to ERCOT and NERC.

g) Documentation and design of protective device settings shall be coordinated between TSP and Generator. TSP plans to implement a line-differential scheme with backup protection using equipment of its choosing.

11) **Inputs to Telemetry Equipment:** Generator shall provide status of devices, alarms, controls, and real time analog signals as requested by TSP.

12) **Supplemental Terms and Conditions:** It is TSP's intent to design and construct the TIF at the Point of Interconnection such that it accommodates additional transmission line terminals to connect future lines to other ERCOT transmission points. Generator shall provide five (5) acres of property adjacent to the point of interconnection of the TIF and GIF to accommodate one or more additional transmission terminals.



SOUTH TEXAS ELECTRIC COOPERATIVE, INC.					DWG NO ERH-1A
P.O. BOX 119				NURSERY, TEXAS 77976	
EAST RIO HONDO HIDALGO COUNTY					ONE-LINE PALMAS ALTAS WIND IA
DWN BY ALS	CKD BY	APPD BY	SCALE NA	DATE 9-8-2017	