



## **Filing Receipt**

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**Item Number - 1651**



**LCRA TRANSMISSION SERVICES CORPORATION**

July 25, 2023

Filing Clerk  
Public Utility Commission of Texas  
1701 N. Congress Avenue  
P.O. Box 13326  
Austin, TX 78711-3326

RE: Project No. 35077 – LCRA Transmission Services Corporation's Transmission contract Filing Pursuant to Subst. Rule 25.195(e)

To whom it may concern:

Enclosed for filing in Project No. 35077 is the July 25, 2023, First Amendment to the ERCOT Standard Generation Interconnection Agreement (the "Agreement") dated October 8, 2021 between LCRA Transmission Services Corporation ("LCRA TSC") and Crane 2 BESS, LLC ("Generator"). This filing is made to the Public Utility Commission of Texas pursuant to Substantive Rule 25.195(e).

Please feel free to contact me at [Interconnection\\_Agreements@lcra.org](mailto:Interconnection_Agreements@lcra.org) if there are any questions regarding this interconnection agreement.

Sincerely,

Cris Ureña, P.E.  
Director, Transmission Interconnections

Enclosure

**FIRST AMENDMENT TO THE AMENDED AND RESTATED  
ERCOT STANDARD GENERATION INTERCONNECTION AGREEMENT**

This First Amendment ("First Amendment") is made and entered into this 25 day of July 2023, by and among the LCRA Transmission Services Corporation ("Transmission Service Provider" or "TSP") and Crane 2 BESS, LLC ("Generator"), collectively referred to hereinafter as the Parties.

**WHEREAS**, the Transmission Service Provider and Generator (f/k/a: CED Crane Solar 2, LLC) entered into that certain ERCOT Standard Generation Interconnection Agreement executed December 11, 2019 (the "Original Agreement"), as amended by that certain Amended and Restated ERCOT Standard Generation Interconnection Agreement executed October 8, 2021 (collectively, as amended, the "Agreement");

**WHEREAS**, the Generator notified TSP of a change in the design of the Plant as contemplated in the Agreement;

**WHEREAS**, the Generator notified TSP of a change in the Commercial Operation date as originally contemplated in the Agreement;

**NOW, THEREFORE**, in consideration of the mutual promises and undertakings herein set forth, the Parties agree to amend the Agreement as follows:

1. Exhibits "B" and "C" are deleted in their entirety and the Exhibits "B" and "C" attached to this Amendment are hereby added to the Agreement in lieu thereof.
2. This Amendment will become effective upon execution by both Parties.

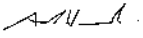
Except as otherwise expressly provided for herein, the Agreement will continue in full force and effect in accordance with its terms.

*[Signature page to follow]*

IN WITNESS WHEREOF, the Parties have 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.

Crane 2 BESS, LLC

By: **Andrew Waranch**

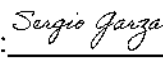
Signature: 

Title: **President**

Date: **July 25, 2023**

LCRA Transmission Services Corporation

By: Sergio Garza, P.E.

Signature: 

Title: Vice President, LCRA Transmission  
Design and Protection

Date: **July 25, 2023**



## **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 of Exhibit "A", so that TSP may maintain schedule to meet the In-Service Date: **December 13, 2019 - Completed.**

Date by which Generator must deliver to TSP surveys including topographic surveys and subsurface utility engineering ("SUE") surveys, per TSP provided acquisition planimetric and topographic survey specifications and subject to TSP review, of the tracts specified in Exhibit "C", so that TSP may maintain schedule to meet the In-Service Date: **October 29, 2021 - Completed.**

Date by which Generator must deliver to TSP the boundary survey plat(s) and legal descriptions, per TSP provided surveying specifications and TSP engineering review, of the tracts specified in Exhibit "C", so that TSP may maintain schedule to meet the In-Service Date: **October 29, 2021 - Completed.**

Date by which Generator must convey to TSP real property rights as described in Section 12 of Exhibit "C", as specified in Section 4.3 of Exhibit "A", so that TSP may maintain schedule to meet the In-Service Date: **November 12, 2021 - Completed.**

Date by which Generator must provide written notice to commence construction and provide security, as specified in Section 4.3 of Exhibit "A", so that TSP may maintain schedule to meet the In-Service Date: **October 8, 2021 - Completed.**

In - Service Date(s): **June 15, 2023, subject to necessary ISO approval of outages required to construct the TIF. - Completed**

Scheduled Initial Synchronization Date: **July 26, 2023**

Scheduled Commercial Operation Date: **October 19, 2023**

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: Crane 2 BESS, LLC
2. Point of Interconnection location: The Point of Interconnection will be at the end of a new LCRA TSC transmission line extending from the LCRA TSC King Mountain Substation (“TSP Substation”) located in Upton County, TX, at the approximate location shown in Exhibit “C3”. The Point of Interconnection, shown on Exhibit “C1” and Exhibit “C2” shall be the physical point where the TSP Substation 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 radial circuit connects to TSP’s free-standing steel interconnection dead-end transmission structure (“POI Structure”).
3. Delivery Voltage: 138-kV
4. Number and size of Generating Units (“The Plant”): The Plant is a Battery Energy Storage System (“BESS”) facility with one Point of Interconnection to the grid. The nominal Plant rating will be approximately 166.90-MVA of AC power (with a maximum rating of 150-MW) at the Point of Interconnection.
5. Type of Generating Unit: Forty-five (45) skids of SunGrow SC4000UD-MV-US PCS inverters rated at 4.0-MVA each.
6. Metering Equipment:
  - A). TSP’s EPS Metering Facilities will be located at the TSP Substation as part of the TIF. Three 138-kV extended range, metering 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 installed by the TSP for the EPS Metering Facilities. The EPS metering panel furnished by the TSP will be located in the TSP Substation.
  - B). Generator acknowledges that the Plant will engage in wholesale energy storage in accordance with the PUCT Rules and ERCOT Requirements for a Wholesale Storage Load (“WSL”). As such, TSP will install and own additional primary and backup EPS meters for the WSL in order to separately meter the WSL from any auxiliary or non-WSL energy and power that the Plant and GIF may consume from the 138-kV ERCOT Transmission Grid through the Point of Interconnection. The TSP’s WSL EPS metering will be located in a suitable space allocated by Generator in the control building of the Generator’s 138-kV interconnection substation. The Generator shall install, for TSP’s use, adequately rated instrument transformers to accurately meter the WSL. Generator shall, no fewer than one hundred twenty (120) days prior to the In-Service Date,

provide, for TSP's review and approval, the necessary equipment specifications, factory test reports, vendor cut-sheets and any other engineering drawings for the aforementioned 34.5-kV instrument transformers to be installed by Generator and used by TSP to meter the WSL. The Generator shall provide the cable and suitable conduit paths between the Generator's 34.5-kV WSL instrument transformers and the Generator's control building for TSP's use in metering the WSL. TSP will terminate control cable to the WSL EPS meters.

7. Telemetry Equipment:

- A. A remote terminal unit ("RTU") will be furnished by the TSP at the TSP Substation as part of the TIF and will provide applicable breaker status and other telemetry data to ERCOT as required by the ERCOT Nodal Operating Guides.
- B. An RTU(s) will be furnished by the Generator at the Generator's interconnection substation(s) as part of the GIF and will provide breaker status and other telemetered data to ERCOT as required by the ERCOT Nodal Operating Guides. The Generator is responsible for determining and providing all their RTU communications needs.

8. Generator Interconnection Facilities: The Generator will provide as a minimum, the following major equipment for the GIF:

- A). One 138-kV radial line approximately 200-feet in length consisting of 795-kcmil ACSR phase conductors with necessary material to dead-end and connect to the POI Structure outside the TSP Substation;
- B). A 138-kV line structure located near the POI Structure within the Generator's interconnection substation (Generator shall coordinate the height and framing of this structure, the arrangement of the phases, and the exact location of the structure with TSP);
- C). Two (2) fiber optic cables (Corning SMF-28e/e+ or equivalent minimum of 12 strand, single-mode, fiber optic OPGW) from Generator's interconnection substation control building to the TSP's OPGW cable splice boxes on the POI Structure at the Point of Interconnection;
- D). Generator's interconnection substation(s) including control building(s), 138-kV generation step-up ("GSU") transformer(s), transformer protection package(s), 138-kV circuit breaker(s), 138-kV circuit disconnect switch(es), and protective relaying panels for the Generator's 138-kV circuit that will coordinate with the TSP's line panels at the TSP Substation for the Generator line protection (Generator's GSU and/or autotransformer shall utilize a grounded-wye configuration on the high-side voltage winding in order to provide adequate ground fault protection);

- E). Three (3) 34.5-kV metering current transformers and three (3) 34.5-kV metering accuracy voltage transformers for TSP's use in metering the WSL;
  - F). Suitable conduit paths from the Generator's control building to the Generator owned 34.5-kV metering current transformers associated with the WSL and 34.5-kV metering accuracy voltage transformers with review and acceptance of design by TSP;
  - G). 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
  - H). Associated structures, bus-work, conductor, connectors, grounding, conduit, control cable, foundation work, perimeter fencing, grading/dirt work and any appurtenances necessary for construction and operation of the GIF.
9. Transmission Interconnection Facilities: The TIF shall consist of, without limitation, the following facilities and appurtenances:
- A). One (1) POI Structure for the interconnection to Generator's 138-kV radial circuit;
  - B). 138-kV span(s) of conductors, OPGW, shield wire, and associated intermediate structure(s) from the POI Structure to the TSP Substation A-frame structure along with the jumpers between the TSP conductors and the Generator's radial circuit conductors at the POI Structure;
  - C). One (1) existing 138-kV King Mountain Substation which will include the following additional facilities:
    - 1) One (1) substation A-frame structure (for Generator's 138-kV radial circuit termination) within the TSP Substation;
    - 2) 138-kV bus including bus supports and foundations;
    - 3) Three (3) 84-kV MCOV surge arresters;
    - 4) One (1) 138-kV, 3000A, 40-kAIC circuit breakers with foundations and protective relay panels;
    - 5) Two (2) 138-kV, 3000A three-pole switches with supporting structures and foundations;
    - 6) RTU(s) and panels to provide breaker status, telemetry and energy data;
    - 7) EPS Metering Facilities which will include the following:
      - (a) One (1) EPS metering panel;



- (b) Two (2) EPS meters (one primary meter and one backup meter);
  - (c) Three (3) 138-kV extended range metering CT's; and
  - (d) Three (3) 138-kV metering class voltage transformers.
- 8) WSL EPS Metering Facilities which will include the following:
- (a) One (1) WSL EPS metering panel; and
  - (b) Two (2) WSL EPS meters (one primary meter and one backup meter).

Item 8 above will be located in the Generator's interconnection substation.

10. Telecommunication 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 GIF with the transmission system. The Generator shall own, and be responsible for installation, operation, and maintenance of fiber optic communication facilities between the Generator's transmission voltage substations and the POI Structure at the Point of Interconnection. Generator will complete its OPGW termination and dress out in a manner acceptable to TSP inside the TSP provided fiber splice boxes on the POI Structure. TSP will provide the splicing of fibers within the splice boxes at the Point of Interconnection. The Generator shall provide the dedicated channels or fiber pairs for necessary items including Generator's 138-kV radial circuit protective relaying, TSP's WSL EPS metering, and Remedial Action Scheme communications. Generator shall provide any necessary fiber optic jumpers from Generator's fiber patch panel(s) to the TSP's WSL EPS meters. TSP will provide fiber transceivers at the WSL EPS metering and terminate the fiber. Voice communications provided by the Generator shall at a minimum include one POTS (plain old telephone service) or equivalent voice circuit in the Generator's substation control buildings.
11. System Protection Equipment:
- A). Generator will provide a line protection panel for Generator's 138-kV radial circuit at the Generator's facilities, which will coordinate with the TSP's line panel(s) at the TSP Substation.
  - B). Generator will be responsible for the proper synchronization of its facilities with the TSP's transmission system, in accordance with ERCOT guidelines.
  - C). The Plant and the GIF 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 GIF. In addition to faults within the Plant and the GIF, 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). In accordance with Good Utility Practice and ERCOT Requirements and NERC Reliability 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. The TSP shall coordinate the relay system protection between Generator and the ERCOT System.
- E). The Plant and the GIF shall have protective relaying that is consistent with the protective relaying criteria described in Section 11.D. If requested by the TSP, Generator shall, at its expense, timely provide corrections, upgrades, or additions to existing control and protective equipment required to protect the ERCOT System or to comply with government, industry regulations, or standard changes.
- F). 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.
- G). 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 Reliability Standards.
  - a. 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 provide sequence of event reporting and relay event reporting to analyze a system disturbance.
  - b. The TSP shall provide for disturbance and fault monitoring equipment in its TSP Substation.
- H). 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 Grid.

- I). The Generator shall provide in Aspen One-Liner format the short circuit model for the GIF, the generators and collector facilities prior to the protective relays settings being calculated and in no case later than 60 days prior to the initial actual in-service date. Generator data submitted in accordance with Section 7.3 of Exhibit "A" shall include, but not be limited to, (1) a detailed one-line diagram of the proposed Plant and GIF showing the collector buses and their voltages, (2) conductor types and lengths of all lines connecting the collector buses to the TSP Substation, (3) the total number of BESS inverters to be served by each collector bus, (4) size, make and model of BESS inverters, (5) capacitor bank sizes, locations (electrical) and control settings, and (6) the impedance and rating data of each radial circuit, GSU and/or autotransformer that will be installed to deliver power from the Plant to the ERCOT Transmission Grid.

12. Real Property Rights and Access Road Provisions:

- A. The TSP Substation, as depicted in Exhibit "C3", is located at 5909 US Highway 385 South in or near the city of McCamey, Texas. Generator shall install the aforementioned 138-kV line structure described in Section 8.B above at a location coordinated with TSP, adjacent to the POI Structure outside the TSP Substation property.
- B. Generator shall, at no cost to TSP, acquire from the underlying landowner and convey to TSP, a separate stand-alone transmission easement, in a form approved by TSP, including access rights for the portion of the TIF previously described in Section 9.C above and as generally depicted as the "Transmission Easement Area" in Exhibit "C3".
- C. These necessary real property rights described in Section 12.B above are required before TSP can commence construction, as contemplated in Exhibit "A", Section 4.3. Therefore, if TSP is unable to acquire the aforementioned transmission easement from Generator by the date noted in Exhibit "B", TSP and Generator will work toward finding an easement area that meets TSP's approval and will amend this Agreement, including TSP's In-Service Date(s) and security requirements, as necessary.
- D. In no event shall the Transmission Easement Area be subject to any lien or any other encumbrance unacceptable to TSP. Generator shall, at no cost to TSP, release any encumbrance that Generator may have on the acquired Transmission Easement Area.
- E. Generator, at no cost to TSP, agrees to deliver to TSP by the date noted in Exhibit "B", surveys including the boundary survey plat(s) and legal description(s); topographic survey with one-foot contours; and SUE survey, per TSP provided surveying specifications and TSP engineering review, of the tracts necessary in Section 12.B above.
- F. Generator hereby grants to the TSP and its duly authorized representatives and employees, permission to enter upon the GIF for the purpose of performing work necessary pursuant to this Agreement, and to install, maintain, operate, inspect, test, repair, replace, upgrade, and remove, the necessary equipment, and devices required

for the performance of this Agreement on the Generator's premises. Parties shall not connect Transient Cyber Assets or Removable Media into each other's Cyber Assets at the Generator's interconnection substation(s). Any such activity by TSC is subject to the Generator's physical and cyber security access practices, procedures and requirements. Such activity shall be performed, except in the case of emergencies, only after a schedule has been submitted and agreed upon by the Parties.

- G. TSP's acquisition of the real property rights noted in this Section 12 is subject to (i) TSP's review and acceptance of surveys, title commitment and title insurance policy on the Transmission Easement Area, together with legal documentation, all, to be acquired at Generator's expense on behalf of TSP, (ii) archeological research and an environmental site assessment conducted by TSP, and (iii) any necessary TSP Board approval.

13. 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 GIF, 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 will establish: 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 submitted to 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). Auxiliary Power Delivery to Generator by TSP: TSP considers the auxiliary energy and power that the Plant and GIF may from time to time consume from the 138-kV 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 GIF may consume from the 138-kV ERCOT Transmission 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.

14. Special Operating Conditions:

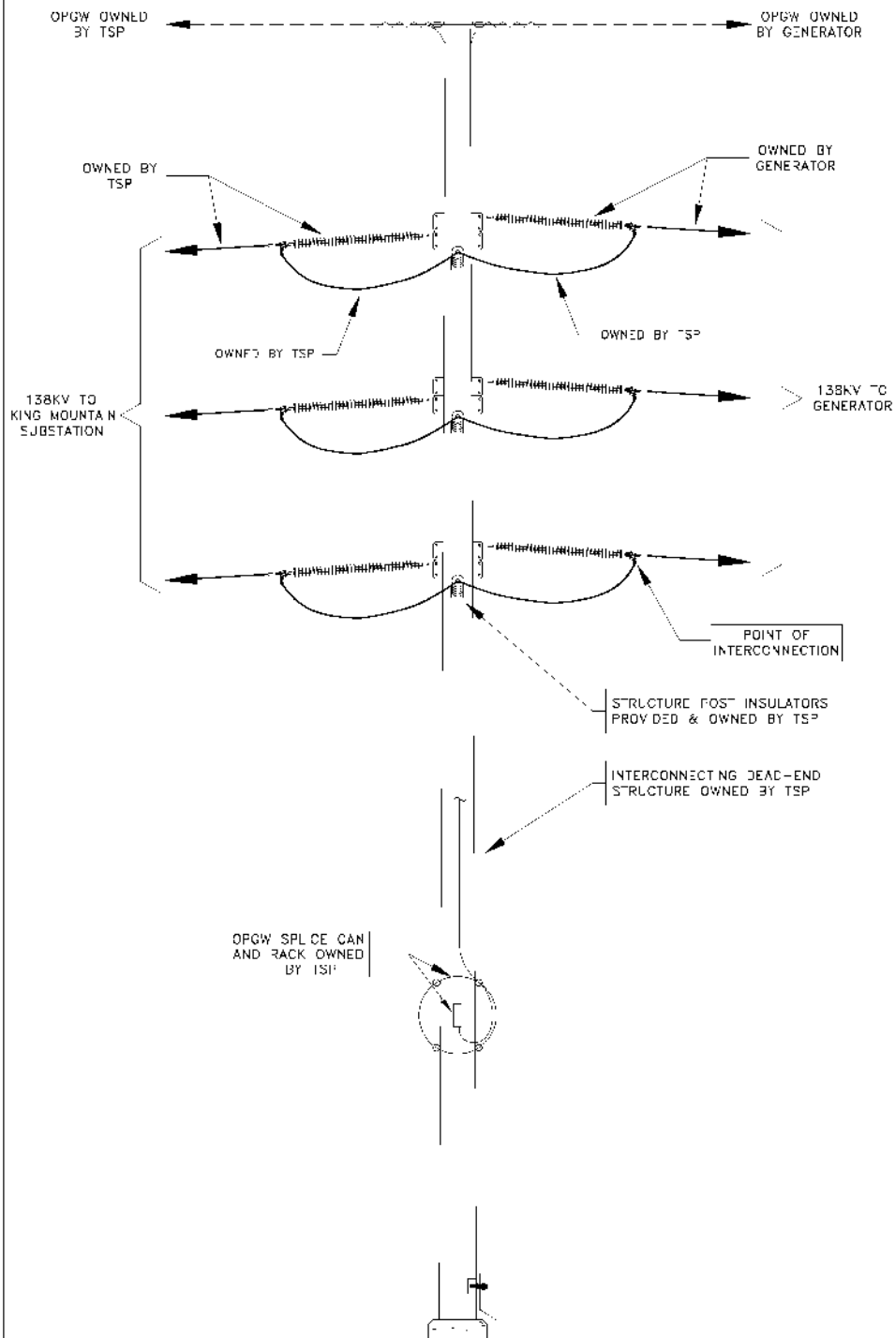
- A). Quality of Power: Generator shall provide a quality of power into the TSP system consistent with the applicable ERCOT Requirements and NERC Reliability Standards.
- B). Harmonics: The Generator's alternating current generating system must have a frequency of 60 Hz, be designed for balanced three-phase operation, not cause unreasonable imbalance on the ERCOT System or the TSP Substation 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 Remedial Action Scheme may be required either prior to, or after, Commercial Operation. The terms "Remedial Action Plan" and "Remedial Action Scheme" 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 Remedial Action Scheme 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 ERCOT Requirements, the SSR study shall be completed 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 reasonably 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 the 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.

## Exhibit "C1"

### Point of Interconnection Details

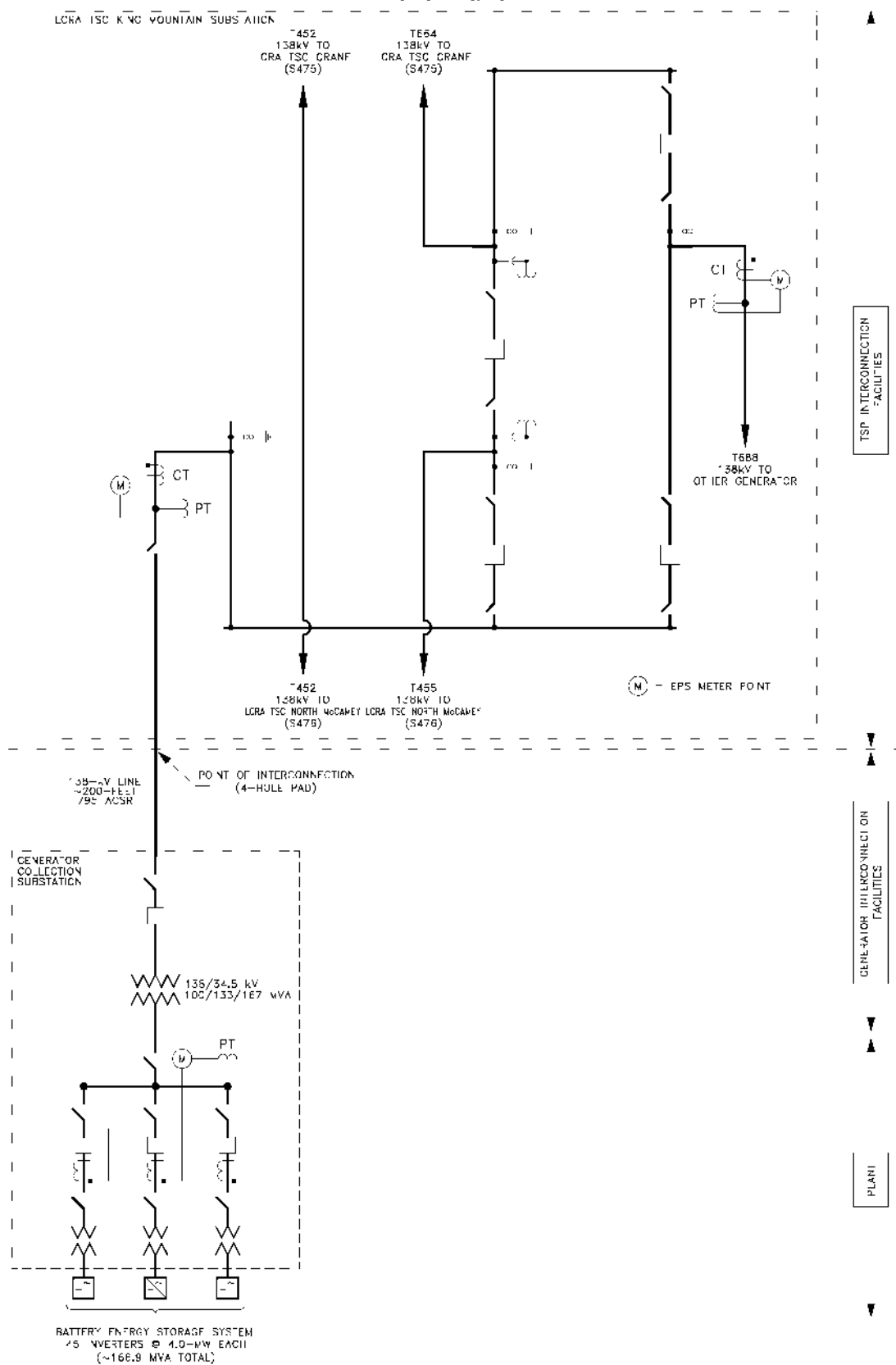


POINT OF INTERCONNECTION DETAIL

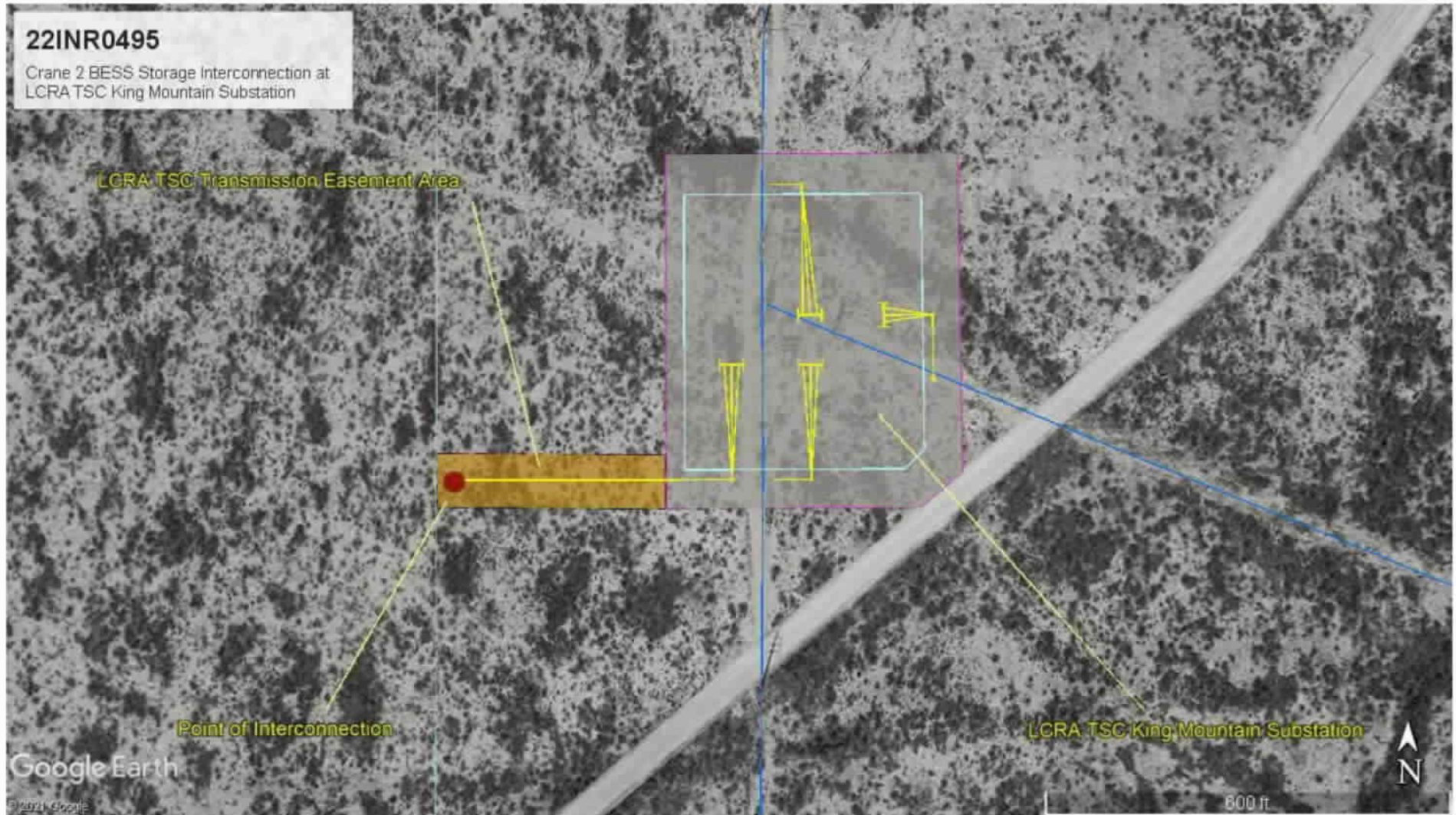


## Exhibit "C2"

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



**Exhibit "C3"**  
**Substation Location – TSP Interconnection Facilities**











# CRANE 2-BESS-LLC-SGIA-AMEND-2\_For Execution

Final Audit Report

2023-07-25

Created:	2023-07-25
By:	Shalesh Ganjoo (shalesh.ganjoo@lcra.org)
Status:	Signed
Transaction ID:	CBJCHBCAABAA84YemZuz6ZzZYrv6Ncl8pKom90l8VJgV

## "CRANE 2-BESS-LLC-SGIA-AMEND-2\_For Execution" History

-  Document created by Shalesh Ganjoo (shalesh.ganjoo@lcra.org)  
2023-07-25 - 6:04:39 PM GMT
-  Document emailed to Andrew Waranch (awaranch@spearmintenergy.com) for signature  
2023-07-25 - 6:12:01 PM GMT
-  Email viewed by Andrew Waranch (awaranch@spearmintenergy.com)  
2023-07-25 - 6:13:12 PM GMT
-  Document e-signed by Andrew Waranch (awaranch@spearmintenergy.com)  
Signature Date: 2023-07-25 - 7:56:35 PM GMT - Time Source: server
-  Document emailed to Sergio Garza (Sergio.Garza@LCRA.ORG) for signature  
2023-07-25 - 7:56:36 PM GMT
-  Email viewed by Sergio Garza (Sergio.Garza@LCRA.ORG)  
2023-07-25 - 7:57:55 PM GMT
-  Document e-signed by Sergio Garza (Sergio.Garza@LCRA.ORG)  
Signature Date: 2023-07-25 - 8:01:17 PM GMT - Time Source: server
-  Agreement completed.  
2023-07-25 - 8:01:17 PM GMT

# CRANE 2-BESS-LLC-SGIA-AMEND-2\_Executed\_PUCTLetterComb

Final Audit Report

2023-07-25

Created:	2023-07-25
By:	Shalesh Ganjoo (shalesh.ganjoo@lcra.org)
Status:	Signed
Transaction ID:	CBJCHBCAABAAj0Q5nZ80VmYVbAOcq1btjesw3V16iGHI

## "CRANE 2-BESS-LLC-SGIA-AMEND-2\_Executed\_PUCTLetterComb" History

-  Document created by Shalesh Ganjoo (shalesh.ganjoo@lcra.org)  
2023-07-25 - 9:45:59 PM GMT
-  Document emailed to Cris Urena (Cris.Urena@LCRA.ORG) for signature  
2023-07-25 - 9:46:35 PM GMT
-  Email viewed by Cris Urena (Cris.Urena@LCRA.ORG)  
2023-07-25 - 9:47:39 PM GMT
-  Document e-signed by Cris Urena (Cris.Urena@LCRA.ORG)  
Signature Date: 2023-07-25 - 9:48:06 PM GMT - Time Source: server
-  Agreement completed.  
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