

**APPENDIX 8-1 to LGIP**  
**TRANSITIONAL SERIAL INTERCONNECTION FACILITIES STUDY AGREEMENT**  
**[Applicable to Section 7.1 Transitional Serial Process]**

**THIS AGREEMENT** is made and entered into this \_\_\_ day of \_\_\_\_\_, 20\_\_ by and between \_\_\_\_\_, a \_\_\_\_\_ organized and existing under the laws of the State of \_\_\_\_\_, ("Interconnection Customer,") and Santee Cooper a body corporate and politic existing under the laws of the State of South Carolina, ("Transmission Provider"). Interconnection Customer and Transmission Provider each may be referred to as a "Party," or collectively as the "Parties."

**RECITALS**

**WHEREAS**, Interconnection Customer is proposing to develop a Large Generating Facility or generating capacity addition to an existing Generating Facility consistent with the Interconnection Request submitted by Interconnection Customer dated \_\_\_\_\_; and

**WHEREAS**, Interconnection Customer desires to interconnect the Large Generating Facility with the Transmission System;

**WHEREAS**, Interconnection Customer has requested Transmission Provider to continue processing its Interconnection Facilities Study to specify and estimate the cost of the equipment, engineering, procurement and construction work needed to implement the conclusions of the System Impact Study in accordance with Good Utility Practice to physically and electrically connect the Large Generating Facility to the Transmission System; and

**WHEREAS**, Transmission Provider has completed a System Impact Study and Interconnection Customer has executed and Transmission Provider has accepted an Interconnection Facilities Study Agreement; and

**WHEREAS**, Interconnection Customer has provided certain requirements described in Section 7.1 of the LGIP including a deposit on Transmission provider's Interconnection Facilities and Network Upgrades.

**NOW, THEREFORE**, in consideration of and subject to the mutual covenants contained herein the Parties agreed as follows:

- 1.0 When used in this Agreement, with initial capitalization, the terms specified shall have the meanings indicated in Transmission Provider's LGIP.

- 2.0 Interconnection Customer elects and Transmission Provider shall cause to be performed an Interconnection Facilities Study consistent with Section 11 of this LGIP in accordance with the Tariff.
- 3.0 The scope of the Interconnection Facilities Study shall be subject to the assumptions set forth in Attachment A to this Agreement which shall be the same assumptions as the previous Interconnection Facilities Study Agreement.
- 4.0 The Interconnection Facilities Study report (i) shall provide a description, estimated cost of (consistent with Attachment A), schedule for required facilities to interconnect the Large Generating Facility to the Transmission System and (ii) shall address the short circuit, instability, and power flow issues identified in the most recently published System Impact Study.
- 5.0 Interconnection Customer has met the requirements described in Section 7.1 of the LGIP. The time for completion of the Interconnection Facilities Study is specified in Attachment A.
- 6.0 Upon receipt of the Interconnection Facilities Study results, Transmission Provider shall charge and Interconnection Customer shall pay the actual costs of the Interconnection Facilities Study.

Any difference between the study deposit and the actual cost of the study shall be paid by or refunded to Interconnection Customer, as appropriate.

- 7.0 Miscellaneous. The Interconnection Facilities Study Agreement shall include standard miscellaneous terms including, but not limited to, indemnities, representations, disclaimers, warranties, governing law, amendment, execution, waiver, enforceability and assignment, that reflect best practices in the electric industry, and that are consistent with regional practices, Applicable Laws and Regulations, and the organizational nature of each Party. All of these provisions, to the extent practicable, shall be consistent with the provisions of the LGIP and the LGIA.

**IN WITNESS WHEREOF**, the Parties have caused this Agreement to be duly executed by their duly authorized officers or agents on the day and year first above written.

**Santee Cooper**

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

**[Insert name of Interconnection Customer]**

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

**ATTACHMENT A TO APPENDIX 8-1 to LGIP  
TRANSITIONAL SERIAL INTERCONNECTION FACILITIES STUDY**

**[Applicable to Section 7.1 Transitional Serial Process]**

**ASSUMPTIONS USED IN CONDUCTING THE  
TRANSITIONAL SERIAL INTERCONNECTION FACILITIES STUDY**

[Assumptions to be completed by Interconnection Customer and Transmission Provider]

- 1) Large Generating Facility Project Name: \_\_\_\_\_
- 2) Designation of Point of Interconnection to be studied: \_\_\_\_\_
- 3) The type of interconnection service requested (check one):
  - Energy Resource Interconnection Service
  - Network Resource Interconnection Service
- 4) Large Generating Facility Type (check all that apply):
  - Solar
  - Battery
  - Gas
  - Wind
  - Other: \_\_\_\_\_
- 5) If Battery was selected for the Generating Facility Type, please provide complete the following:
  - a. Will the batteries be AC or DC coupled:
    - AC Coupled
    - DC Coupled
  - b. Will the batteries be configured in such a way that they will require charging from Santee Cooper's (or another provider's) transmission system?
    - Batteries will be charged from Solar only.
    - Batteries will require charging from Santee Cooper's (or another provider's)

transmission system.

Batteries charged from both sources.

6) Targeted In-Service Date (for study purposes only): \_\_\_\_\_

7) Size of the Interconnection Facility:

Summer (MW): \_\_\_\_\_

Winter (MW): \_\_\_\_\_

8) Please provide the most updated versions of the following concurrently with the partially executed agreement. Please place a check mark next to each updated document that is being provided.

Single Line Diagram

Manufacturer Data Sheets

Applicable Modeling Curves (P-Q Curve, D Curve, Etc.)

GSU information

PSSE Dynamic Inverter Model (Including available data regarding tripping levels)

9) Is this facility sharing a breaker or switching station with a higher queued facility? If so please describe:

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