

## INTERCONNECTION FACILITIES STUDY AGREEMENT

This agreement ("Agreement") is made and entered into this \_\_\_\_ day of \_\_\_\_\_, by and between \_\_\_\_\_ ("interconnection member-owner"), as an individual person, or as a \_\_\_\_\_ organized and existing under the laws of the State of \_\_\_\_\_, and Iowa Lakes Electric Cooperative, ("Cooperative"), a cooperative corporation existing under the laws of the State of Iowa. Interconnection member-owner and Cooperative each may be referred to as a "Party," or collectively as the "Parties."

### Recitals:

Whereas, interconnection member-owner is proposing to develop a distributed generation facility or modifying an existing distributed generation facility consistent with the interconnection request application form completed by interconnection member-owner on \_\_\_\_\_; and

Whereas, interconnection member-owner desires to interconnect the distributed generation facility with Cooperative's electric distribution system; and

Whereas, Cooperative has completed an interconnection system impact study and provided the results of said study to interconnection member-owner; and

Whereas, interconnection member-owner has requested Cooperative to perform an interconnection facilities study to specify and estimate the cost of the equipment, engineering, procurement, and construction work needed to interconnect the distributed generation facility;

Now, therefore, in consideration of and subject to the mutual covenants contained in this Agreement, the Parties agree as follows:

1. All terms defined in Iowa Utilities Board Chapter 45 rules on Electric Interconnection of Distributed Generation Facilities (199 IAC 45.1) shall have the meanings indicated in that rule when used in this Agreement, except as otherwise specified. However, Cooperative's agreement to utilize the definitions found in the Chapter 45 rules shall not be construed as an agreement concerning the applicability of the balance of said Chapter.
2. Interconnection member-owner elects and Cooperative shall cause to be performed an interconnection facilities study.
3. The scope of the interconnection facilities study shall be determined by the information provided in Attachment A to this Agreement.
4. An interconnection facilities study report (1) shall provide a description, estimated cost of distribution upgrades, and a schedule for required facilities to interconnect the distributed generation facility to Cooperative's electric distribution system; and (2) shall address all issues identified in the interconnection system impact study (or identified in this study if the system impact study is combined herein).
5. Interconnection member-owner shall provide a study deposit of 100% of the estimated nonbinding study costs at least 20 business days prior to the date upon which the study commences.
6. In cases where no distribution upgrades are required, the interconnection facilities study shall be completed and the results shall be transmitted to interconnection member-owner within 20 business days after this Agreement is signed by the Parties. In cases where distribution upgrades are required, the interconnection facilities study shall be completed and the results shall be transmitted to interconnection member-owner within 45 business days after this Agreement is signed by the Parties or the complete study deposit is received by the Cooperative, whichever occurs later.

7. Study fees shall be based on actual costs and will be invoiced to interconnection member-owner after the study is transmitted to interconnection member-owner. The invoice shall include an itemized listing of employee time and costs expended on the study.
8. Interconnection member-owner shall pay any actual study costs that exceed the deposit within 30 calendar days on receipt of the invoice. Cooperative shall refund any excess deposit amount within 30 calendar days after the invoice.

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.

<b>For the Interconnection Member-Owner</b>		
Interconnection Member-Owner Signature		Date
Printed Name	Title	
<b>For the Cooperative</b>		
Cooperative Representative's Signature		Date
Printed Name	Title	

**ATTACHMENT A**  
Interconnection Facilities Study Agreement

Minimum Information that the Interconnection Member-Owner Must Provide with the Interconnection Facilities Study Agreement

Provide location plan and simplified one-line diagram of the distributed generation facilities.

For staged projects, please indicate size and location of planned additional future generation.

On the one-line diagram:

- Indicate the generation capacity attached at each metering location. (Maximum load on Current Transformer/Potential Transformer (CT/PT)).
- Indicate the location of auxiliary power. (Minimum load on CT/PT) Amps.

<b>One set of metering is required for each generation connection to the cooperative's electric distribution system</b>
Number of Generation Connections
Will an alternate source of auxiliary power be available during CT/PT maintenance? <input type="checkbox"/> Yes <input type="checkbox"/> No
Will a transfer bus on the generation side of the metering require that each meter set be designed for the total distributed generation capacity? <input type="checkbox"/> Yes <input type="checkbox"/> No    (Please indicate on the one-line diagram)
What type of control system or Programmable Logic Controllers (PLC) will be located at the distributed generation facility?
What protocol does the control system or PLC use?
Please provide a scale drawing of the site. Indicate the point of interconnection, distribution line, and property lines.
Number of third-party easements required for Cooperative's interconnection facilities:

<b>TO BE COMPLETED IN COORDINATION WITH THE COOPERATIVE</b>		
Is this distributed generation facility located in the cooperative's service area? <input type="checkbox"/> Yes <input type="checkbox"/> No	If no, provide the name of the local provider	
<b>Please provide the following proposed schedule dates:</b>		
Begin construction date:	Generator step-up transformers receive back-feed power date:	
Commissioning Testing Date:	Witness Testing Date:	Commercial Operation Date: