INTERCONNECTION SYSTEM IMPACT STUDY AGREEMENT

This agreement ("Agreement") is made and entered into this _____ day of _____, by and between _____ (‘‘interconnection customer’’), as an individual person, or as a _____ organized and existing under the laws of the State of _____, and _____, ("utility"), a _____ existing under the laws of the State of Iowa. Interconnection customer and utility each may be referred to as a ‘‘Party,’’ or collectively as the ‘‘Parties.’’

Recitals:

Whereas, interconnection customer 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 customer on _____; and

Whereas, interconnection customer desires to interconnect the distributed generation facility to utility’s electric distribution system; and

Whereas, utility has completed an interconnection feasibility study and provided the results of said study to interconnection customer (this recital to be omitted if the Parties have agreed to forego the interconnection feasibility study); and

Whereas, interconnection customer has requested utility to perform an interconnection system impact study to assess the impact of interconnecting the distributed generation facility to utility’s electric distribution system;

Now, therefore, in consideration of and subject to the mutual covenants contained herein 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.

2. Interconnection customer elects and utility shall cause to be performed an interconnection system impact study consistent with Iowa Utilities Board chapter 45 rules on Electric Interconnection of Distributed Generation Facilities (199 IAC 45.11).

3. The scope of the interconnection system impact study shall be based upon the information set forth in the interconnection request application form and in Attachment A to this Agreement.

4. The interconnection system impact study shall be based upon the interconnection feasibility study and the technical information provided by interconnection customer in the interconnection request application form. Utility reserves the right to request additional technical information from interconnection customer. If the interconnection customer modifies its proposed point of interconnection, interconnection request, or the technical information provided therein is modified, the time to complete the interconnection system impact study may be extended.

5. The interconnection system impact study report shall provide the following information:
   - 5.1 Identification of any equipment short circuit capability limits exceeded as a result of the interconnection,
   - 5.2 Identification of any thermal overload or voltage limit violations resulting from the interconnection,

5.3 Identification of any instability or inadequately damped response to system disturbances resulting from the interconnection, and

5.4 Description and nonbinding estimated cost of facilities required to interconnect the distributed generation facility to utility's electric distribution system and to address the identified short circuit, thermal overload, voltage, and instability issues as required under Iowa Utilities Board chapter 45 rules on Electric Interconnection of Distributed Generation Facilities (199 IAC 45.11(5)"b").

6. Interconnection customer shall provide a study deposit equal to 100 percent of the estimated nonbinding study costs at least 20 business days prior to the date upon which the study commences.

7. The interconnection system impact study, if required, shall be completed and the results transmitted to interconnection customer within 45 business days after this Agreement is signed by the Parties or the complete study deposit is received by the utility, whichever occurs later. If the interconnection customer's study request involves more than one point of interconnection and configuration, the time to complete the interconnection system impact study may be extended by the utility.

   7.1 If the utility and the affected system owner determine that an affected system study is required, the utility will request an estimate of the study's cost and timeline from the affected system owner. The transmittal of the interconnection system impact study shall be extended to allow for incorporation of the affected system impact study upon its conclusion.

8. Study fees shall be based on actual costs and shall be invoiced to interconnection customer after the study is transmitted to interconnection customer. The invoice shall include an itemized listing of employee time and costs expended on the study.

9. Interconnection customer shall pay any study costs that exceed the deposit within 30 calendar days after receipt of the invoice. Utility shall refund any excess deposit amount within 30 calendar days of 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.

For the Interconnection Customer	
Interconnection Customer Signature	
Printed Name	Title
For the Utility	
Utility Representative's Signature	
Printed Name	Title

ATTACHMENT A

Interconnection System Impact Study Agreement

Assumptions Used in Conducting the Interconnection System Impact Study

The interconnection system impact study shall be based upon the results of the interconnection feasibility study, subject to any modifications in accordance with Iowa Utilities Board chapter 45 rules on Electric Interconnection of Distributed Generation Facilities (199 IAC 45.11), and the following assumptions:

1. Point of interconnection and configuration to be studied.

2. Alternative points of interconnection and configurations to be studied.

Note: 1 and 2 are to be completed by the interconnection customer. Any additional assumptions (explained below) may be provided by either the interconnection customer or the utility.
