

System Impact Study System Impact Study Agreement

Interconnection Customer Name:
Facility Address:
City, State, Zip:
Mail Address:
Mail City, State, Zip:
Project Name:

This System Impact Study System Impact Study Agreement made and entered into this ____ day of _____, 20__ by and between _____, (“Interconnection Customer”), and THE COOPERATIVE . Interconnection Customer and THE COOPERATIVE each may be referred to as a “Party,” or collectively as the “Parties.”

WHEREAS, the Interconnection Customer is proposing to develop a Distributed Energy Resource (DER) or generating capacity addition to an existing DER consistent with the Interconnection Application completed by the Interconnection Customer on _____; and

WHEREAS, the Interconnection Customer desires to interconnect the DER with THE COOPERATIVE’s electric system;

WHEREAS, the Interconnection Customer has requested THE COOPERATIVE to perform a system impact study(s) to assess the impact of interconnecting the DER with THE COOPERATIVE’s electric system, and potential Affected System(s);

- 1.0 When used in this System Impact Study Agreement, the terms specified shall have the meanings indicated or the meanings specified in *R 460.900 et. seq.* of the Michigan Administrative Rules for Interconnection and Distributed Generation Standards (MIXDG).
- 2.0 The Interconnection Customer elects and THE COOPERATIVE shall cause to be performed a system impact study(s) consistent with *R 460.960* (Rule 60).
- 3.0 As set forth in *R 460.960(1)(c)*, the Interconnection Customer who has requested a system impact study shall return the completed system impact study agreement, provide any additional technical data requested by THE COOPERATIVE, and pay the required fee within 20 business days. THE COOPERATIVE may consider the application withdrawn if the system impact study agreement, payment, and required technical data are not returned within 20 business days.
- 4.0 A system impact study will be based upon the technical information provided by Interconnection Customer in the Interconnection Application. As set forth in *R 460.960(3)(b)*, THE COOPERATIVE reserves the right to request additional technical information from the Interconnection Customer as may reasonably become necessary consistent with Good Utility Practice during the course of the system impact study. THE COOPERATIVE and the Interconnection Customer shall work together to resolve the additional data request so that THE COOPERATIVE will be able to complete the system

impact study within 60 business days.

- 5.0 Consistent with *R 460.960(1)(b)*, a system impact study may, as necessary, consist of a short circuit analysis, a stability analysis, a power flow analysis, voltage drop and flicker studies, protection and set point coordination studies, and grounding reviews. A system impact study shall state the assumptions upon which it is based, state the results of the analyses, and provide the requirement or potential impediments to providing the requested interconnection service, including a preliminary indication of the cost and length of time that would be necessary to correct any problems identified in those analyses and implement the interconnection. As set forth in *R 460.960(1)(d)*, a system impact study shall provide a list of facilities that are required as a result of the Interconnection Application and non-binding good faith estimates of cost responsibility and time to construct.
- 6.0 A distribution system impact study shall incorporate a distribution load flow study, an analysis of equipment interrupting ratings, protection coordination study, voltage drop and flicker studies, protection and set point coordination studies, grounding reviews, and the impact on electric system operation, as necessary.
- 7.0 Affected Systems may participate in the preparation of a system impact study, with a division of costs among such entities as they may agree. All Affected Systems shall be afforded an opportunity to review and comment upon a system impact study that covers potential adverse system impacts on their electric systems.
- 8.0 If THE COOPERATIVE uses a queuing procedure for sorting or prioritizing projects and their associated cost responsibilities for any required Network Upgrades, the system impact study shall consider all Distributed Energy Resources that, on the date the system impact study is commenced –
 - 8.1 Are directly interconnected with the Area EPS Operator’s electric system; or
 - 8.2 Are interconnected with Affected Systems and may have an impact on the proposed interconnection; and
 - 8.3 Have a pending higher queued Interconnection Application to interconnect with the Affected Systems’ electric system.
- 9.0 Consistent with *R 460.960(1)(a)*, a fee shall be required from the Interconnection Customer when the signed System Impact Study Agreement is provided to THE COOPERATIVE in the amount of \$ ____.
- 10.0 Any additional study fees shall be based on an Affected System Operator’s fees structure and will be invoiced to the Interconnection Customer within 20 Business Days after the study is completed and delivered and will include a summary of professional time.
- 11.0 Consistent with *R 460.960(1)(b)(iv)*, the timeline for the completion of the system impact study is as follows:

- 12.0 As set forth in *R 460.960(3)(c)*, within 15 business days of receiving the system impact study report, the Interconnection Customer shall notify THE COOPERATIVE that it plans to pursue a system impact study review meeting, proceed to a facilities study pursuant to *R 460.962*, or withdraw the application. If the Interconnection Customer fails to notify THE COOPERATIVE within 15 business days, THE COOPERATIVE may consider the application to be withdrawn.
- 13.0 As set forth in *R 460.960(3)(d)*, upon request by the Interconnection Customer pursuant to *R 460.960(3)(c)*, THE COOPERATIVE and the Interconnection Customer shall schedule a system impact study review meeting between the Parties to review system impact study results and determine what further steps are needed to permit the DER to be connected safely and reliably to the distribution system. The system impact study review meeting must take place within 25 business days of THE COOPERATIVE receiving notification that the Interconnection Customer plans to attend a system impact study review meeting. The system impact study review meeting may occur in-person or via telecommunications pursuant to *R 460.960(3)(f)*.
- 14.0 As set forth in *R 460.960(3)(e)*, at the system impact study review meeting, THE COOPERATIVE shall offer the Interconnection Customer all of the following options:
- (i) Proceed to a facilities study pursuant to *R 460.962*.
 - (ii) Proceed directly to *R 460.964* for an interconnection agreement.
 - (iii) Withdraw the interconnection application.
- 15.0 As set forth in *R 460.960(3)(f)*, following the meeting, the Interconnection Customer has not more than 45 business days to decide on a course of action. If the Interconnection Customer fails to notify the electric utility within 45 business days, THE COOPERATIVE may consider the application to be withdrawn.

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

The Cooperative

Interconnection Customer]

Signed: _____ Signed: _____

Name (Printed):

Name (Printed):

Title: _____ Title: _____