

DTE Electric DE-#####  
System Impact Study Agreement for  
Generator Interconnection  
To DTE Electric's Distribution System

WHEREAS, proposals to construct or upgrade a project which will be operated in parallel with and interconnected with The DTE Energy Electric Company's (hereinafter "DTE Electric") electric system (hereinafter "DTE Electric Distribution System") must be reviewed by DTE Electric to determine how it will impact the DTE Electric Distribution System and DTE Electric's customers.

WHEREAS, DTE Electric received from \_\_\_\_\_ ("Project Developer") submitted by agent \_\_\_\_\_ a #### kW / ### kVA generator interconnection application with an export capacity of ### kW and information concerning Project Developer's project ("Interconnection Request") for a Level # project for a system of type \_\_\_\_\_ for a generator of type \_\_\_\_\_ proposing to interconnect at \_\_\_\_\_ location with project number DE-#### assigned by DTE Electric on MM/DD/YYYY.

WHEREAS DTE Electric has determined that a System Impact Study is necessary to determine the suitability of the interconnection equipment including but not limited to, any safety and reliability complications arising from equipment saturation, multiple technologies, other exiting generation, and proximity to synchronous motor loads.

NOW, THEREFORE, in consideration of the mutual covenants and agreements herein set forth, DTE Electric and Project Developer agree to enter into this Agreement and agree as follows:

1. Project Developer has requested and DTE Electric has agreed to prepare or cause to be prepared

a System Impact Study consistent with DTE Electric’s procedures and Good Utility Practice<sup>1</sup> based on information provided by Project Developer (“Study”)

2. Project Developer shall pay DTE Electric the Study Fee immediately upon execution of this Agreement. The Study Fee is \$ \$\$\$\$

Study fees are reproduced here for reference based on the Study fees in Appendix B of the interconnection procedures:

**Base System Impact Study Fee:**

<input type="checkbox"/> Study Track Level 3 & 4	\$5,000
<input type="checkbox"/> Study Track Level 5	\$15,000

**Additional Study fees if indicated:**

<input type="checkbox"/> Telecommunications study	\$1,500
<input type="checkbox"/> Transient Stability study	\$25,000
<input type="checkbox"/> Harmonic Interaction study	\$7,000
<input type="checkbox"/> Electromagnetic study	\$15,000
<input type="checkbox"/> Sub-Transmission Network study	\$20,000
<input type="checkbox"/> Transmission Impacts study	\$50,000
<input type="checkbox"/> MISO Market Coordination study	\$30,000
<input type="checkbox"/> Transmission Congestion and Losses study	\$40,000
<input type="checkbox"/> Contingency study (per scenario)	\$5,000

3. Project Developer shall have 20 business days from MM/DD/YYYY (mm/dd/yyyy) (“Study Date”) which is the date that DTE Electric determined that Study is necessary in which to return an executed copy of this Agreement along with the Study Fee. Project Developer shall provide any requested technical data or updates to the Interconnection request with its executed copy of this Agreement. A new Interconnection Request and Interconnection Application fee are required if the signed Study Agreement, Study Fee and required technical data are not received within 20 business days from the Study Date. The old application will be withdrawn.

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<sup>1</sup> “Good Utility Practice” shall mean any of the practices, methods and acts engaged in or approved by a significant portion of the electric industry during the relevant time period, or any of the practices, methods and acts which, in the exercise of reasonable judgment in the light of the facts known at the time the decision was made, could have been expected to accomplish the desired result at a reasonable cost consistent with good business practices, reliability, safety and expedition. Good Utility Practice is not intended to be limited to the optimum practice, method, or act to the exclusion of all others, but rather to be the accepted practices, methods, or acts generally accepted in the region.

4. Projects that do not have study fees paid, an executed System Impact Study Agreement and any requested technical information within 20 business days of determination of the Study Date may be withdrawn.
5. Should DTE Electric ask for additional information from the Project Developer, the study will be suspended while waiting for the information needed to continue. Any suspension of the study will have a day for day impact on the completion of the study.
6. DTE Electric will perform some or all of the following studies during the base System Impact Study and any additional studies as indicated above.
  - a. Load flow analysis
  - b. Short Circuit Analysis
  - c. Voltage Regulation
  - d. Flicker and Power Quality Study
  - e. Protection Assessment
  - f. Harmonics Assessment
  - g. Stability Assessment
7. DTE Electric will use commercially reasonable efforts to complete the Study upon receipt of the signed Study Agreement and Study Fee.
8. DTE Electric will use reasonable efforts to inform Affected System<sup>2</sup> operators. It is the Project Developers responsibility to initiate any actions with the Affected System operators. DTE Electric will make commercially reasonable efforts to coordinate any studies of the Interconnection Request with any Affected System operators. The Project Developer shall be solely responsible for any studies and fees required by any Affected System operator. DTE Electric shall have no liability for any impact of the Interconnection Request on any Affected System or for any delays associated with any Affected System operator. DTE Electric will not be responsible for any delays while waiting for the Affected System operator.
9. DTE Electric will update project status in Power Clerk periodically.
10. DTE Electric shall complete the study within sixty (60) business days barring any mutually agreed upon extensions or delays due to affected system or waiting for developer information, data or response.
11. The Project Developer is not entitled to any report or study findings if the project is withdrawn during the study period.

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<sup>2</sup> “Affected System” shall mean an electric transmission or distribution system other than DTE Electric Distribution System that may be affected by the Interconnection Request.

12. Upon completion of the study DTE Electric will provide the Study Findings and a Facilities Study Agreement, if necessary. If system upgrades are required, DTE Electric will provide a list of potential categories of required system upgrades that may be required to accommodate the interconnection with DTE Electric Distribution System.
13. Based on the Study Findings, if Project Developer elects to go forward with the Interconnection Request to interconnect to DTE Electric's system, Project Developer shall enter into separate agreements to address additional requirements.
14. The Study shall expire 90 Business days after the date of completion of the final report. After that date a new Study shall be required to be completed to proceed to Facilities Study.
15. Any notice or request made to or by either party regarding this Agreement shall be made to the representative of the other party, or its designated agent, as indicated below.
16. This Agreement is the complete agreement of DTE Electric and Project Developer concerning the subject matter hereof and supersedes any prior or contemporaneous agreements or understandings whether oral or written.

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed by their respective authorized officials.

DTE Electric

Project Developer

\_\_\_\_\_  
(signature)

\_\_\_\_\_  
(signature)

\_\_\_\_\_  
(Typewritten or Printed Name)

\_\_\_\_\_  
(Typewritten or Printed Name)

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Title

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Title

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Date