



TRAVERSE CITY
LIGHT & POWER

Investing Our Energy In You

TRAVERSE CITY LIGHT AND POWER

Distributed Energy Resources (DER) Interconnection Program Description

DER Program Description

Introduction

This document outlines the process, requirements, and agreements used to install or modify DER projects to operate in parallel with the Traverse City Light & Power (Utility or TCLP) electric system. A DER is a small generation or storage resource, such as solar panels or batteries, that is connected to the Utility's electrical distribution system. The energy from these installations is produced and consumed locally. These installations are Customer owned and maintained and are beneficial to the Customer, Utility, and community.

DER Approval Process

The Customer must first fill out a DER Interconnection Application (Available Online) and pay a one-time \$100 application fee. The Utility will then review the application to ensure its completeness and determine if the system meets all safety requirements. If the initial application meets these requirements the Utility will then perform an interconnection study. Once this study is complete and the application is approved, the Customer will be required to enter into a DER Interconnection Agreement before operation in parallel with the electric system shall be granted.

Application Submittal

The Customer shall submit a completed Application, the necessary Application Data, and the application fee to the Utility. Prior to submitting the Application, the Customer shall be familiar with the Utility DER Interconnection Program, including but not limited to the DER Interconnection Agreement.

Major Component Design Requirements

Once the initial Application has been reviewed additional data may be requested for any equipment and relaying proposed by the Customer. This documentation must be submitted for review and approval by the Utility prior to construction. The Utility may request additional data to be submitted as necessary during the study phase to clarify the interconnection, equipment and protection system, and operation of the DER system.

Data

The data that the Utility requires in order to evaluate the proposed interconnection will be provided by the Customer in the online Application. A site plan, one-line diagrams, protection equipment, inverters, solar panels (if applicable), and interconnection protection system details of the DER system are required as part of the application data. See the application for specific requirements. Additional system or equipment data shall be provided to TCLP upon request.

Interconnection Study

Upon receipt of a fully completed DER Interconnection Application and a \$100 application fee, the Utility will perform a basic Interconnection Study to determine the impact of the DER system on the Utility's system, and the modifications required for safe and reliable interconnection of the DER system to the system. If the proposed DER installation is greater than 500kW a more in-depth review may be required for an additional fee. See the DER Agreement for details.

DER Interconnection Application Approval

Once the study is complete the Utility shall, in writing, inform the Customer of the approval of the interconnection pending any specific requirements such as a smaller generation or storage facility capacity than applied for. ***Submittal of an Application does not guarantee that the Utility will approve the DER Interconnection Application as requested. The Utility may in its sole discretion work with applicants on Utility system modifications required to facilitate their desired capacity.***

Upon approval of the DER Interconnection Application by the Utility, the Customer shall be required to execute the DER Interconnection Agreement.

DER Interconnection Agreement

The DER Interconnection Agreement outlines the terms and conditions of participation in the Utility's DER Interconnection Program. The DER Interconnection Agreement is included in this document and can be found in Appendix A. It contains subjects such as construction of facilities, interconnection requirements, operating requirements, interconnection costs, billing, defaults and remedies, insurance, and liability. All Utility costs, associated with making modifications to its distribution system, will be paid by the Customer.

Requirements for DER, Interconnection, and Operation

A sample copy of the requirements is included in this document and can be found in Appendix B. ***Once installed, the interconnection equipment must be reviewed and approved by the Utility prior to being connected to the electric system and before parallel operation is allowed.***

Ongoing Operations

The Customer and the Utility will exchange contact information and update this information from time to time. The Contact List to be completed can be found in Appendix C.

Insurance

The Customer is advised to consult its insurers and insurance policies regarding the existence of coverage for onsite distributed generation resources. Homeowners' policies

and insurers may afford varying degrees of coverage for this exposure, or may exclude it altogether. This statement is not to be viewed as the rendering of advice regarding the Customer's insurance coverage.

Relationship to DER Agreement

This DER program description is provided for information purposes only. The DER program description is not a contract and is not binding on TCLP. If there are any conflicts, ambiguities, or inconsistencies between this DER program description and the DER Agreement, the terms of the DER Agreement shall control.