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Renewable Net Metering Generator Interconnection Program Description

Introduction

This document outlines the process, requirements, and agreements used to install or modify Renewable Generation Inverter Type Projects with a total nameplate capacity of less than 20 kW to operate in parallel with the Traverse City Light and Power (Utility) electric system.

Net Metering Approval Process

The Customer-Generator must first fill out a Renewable Generator Interconnection Application (Appendix A) and pay a one time \$100 application fee. Along with the application the customer must furnish the required Interconnection Application Data (Appendix B). Once the application is approved, the Customer-Generator will be required to enter into a Renewable Net Metering Agreement before operation in parallel with the electric system shall be granted.

Application Submittal

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

Major Component Design Requirements

The data requested in Appendix B, for all major equipment and relaying proposed by the Customer-Generator, must be submitted as part of the initial application for review and approval by the Utility. 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 Generating Facility.

Data

The data that the Utility requires in order to evaluate the proposed interconnection will be provided by the Customer-Generator on a “fill in the blank” checklist found in Appendix B. A site plan, one-line diagrams, and interconnection protection system details of the Generating Facility are required as part of the application data. The generator and inverter manufacturer data package should also be supplied.

Interconnection Study

Upon receipt of a fully completed Renewable Generator Interconnection Application and a \$100 application fee, the Utility will perform an Interconnection Study to determine the impact of the Generating Facility on the Utility’s system, and the modifications required for safe and reliable interconnection of the Generating Facility to the system. Once the study is complete, the Utility shall in writing, inform the Customer-Generator, of the total aggregated size of the facility to be allowed on the system for the Generating Facility. ***Submittal of an Application does not guarantee that the Utility will approve the Renewable Generator Interconnection Application.***

Renewable Generator Interconnection Application Approval

Upon approval of the Renewable Generator Interconnection Application by the Utility, the Customer-Generator will be required to execute the Renewable Net Metering Agreement.

Renewable Net Metering Agreement

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

Requirements for Renewable Inverter Type Generation, Interconnection, and Operation

A sample copy of the requirements is included in this document and can be found in Appendix D. *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-Generator 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 E.