

Alternate/Renewable Energy Pre-Plan Guide

ALTERNATE ENERGY PRE-PLAN

To ensure the safety of responding fire fighters and first responders, the Municipality of Needing Bylaw # 30-2014 requires that every owner of a property where alternate/renewable energy is being generated must prepare an Alternate/Renewable Energy Pre-Plan that clearly outlines the system components, the potential hazards and cautions to be taken by emergency responders in responding to a fire or other emergency on the property.

Property owners should follow this guide in working with the Fire Chief to prepare an Alternate/Renewable Energy Pre-Plan for their property. An Alternate Energy Pre-Plan must be completed to the satisfaction of the Fire Chief, in order to ensure a full and safe response to the property in case of an emergency.

Properties with Alternate/Renewable energy systems will be assigned Alternate Energy Signage, which is to be displayed in a manner such that emergency responders will be made visually aware of the presence of alternate energy systems immediately upon arrival at the site.

Needing Emergency Services

Alternate/Renewable Energy Pre-Plan

Property Information

Property Location: GPS Coordinates _____

Address: _____

Owner Name: _____ Phone: _____ Emergency: _____

Property Type: _____

Structure Types: Main Building _____ Stories _____ Construction Type _____

Out Buildings _____ Stories _____ Construction Type _____

_____ Stories _____ Construction Type _____

**Where structures are required to support the alternate/renewable energy components the property owner shall consult with the Needing Chief Building Official to assure that the structural capacity and integrity of any such structure(s) will meet current municipal building standards.*

Water Source(s): _____

Alternate/Renewable Energy System Information

Type: Solar _____ Wind _____ Other _____

Location on Property/Building: _____ No of Units _____

Energy Production Level: Voltage – AC _____ DC _____ Amperage _____

Energy Storage: Type _____ Number _____

Manufacturer: _____ Model # - _____ Serial # _____

MSDS sheets:

Manufacturer Contact #: _____

Installer: _____ Contact #: _____

Safety Features: Monitoring _____ Alarms _____ Suppression _____

System Shut Off: Type _____ Location _____ Procedure _____

Cautions: _____

Needing Emergency Services

QAP(NESquickactionplan): _____

Site Schematic:

A schematic(s) drawing of the property detailing the following, is required: Access points, site buildings and the locations of the main features of the alternate/renewable energy system including: generation components, energized lines, meters, shutoffs, alarms, suppression equipment, and any other system details which could potentially be detrimental to the safety of emergency responders.

Needing Emergency Services

Notes: _____

In submitting this preplan for approval, the owner of the property agrees to maintain the currency of this Pre-Plan and advise the Chief Fire Official of any changes to the information contained in this document.

Property Owner Signature _____ Date _____

This Alternate/Renewable Energy Pre-Plan for _____ has been reviewed and approved this day, _____, by _____, the Fire Chief (or designate) of the Municipality of Needing _____.