

BYLAW NO. 2014-30

A BYLAW FOR THE VILLAGE OF VISCOUNT TO REGULATE AND CONTROL THE IMPACTS OF THE INSTALLATION AND USE OF ALTERNATIVE ENERGY

The Council for the Village of Viscount in the Province of Saskatchewan enacts as follows:

1. Short Title

This Bylaw may be cited as the Alternative Energy Bylaw.

2. Purpose and Scope

The Village of Viscount will define the purpose of this bylaw to provide for: To regulate and control the impacts of the installation and use of alternative energy systems within the Village of Viscount.

3. Definitions

- (a) "Alternative Energy System" means any system that harnesses natural elements such as wind, solar, water (including rainwater) or geothermal sources to generate electrical, thermal or mechanical energy and does not utilize any form of non-renewable resources. The use of rainwater for irrigation and watering plants is not included in this definition.
- (b) "Geothermal Energy" means a renewable source of energy that employs the use of a heat pump to warm or cool air by utilizing the constant temperatures of the earth.
- (c) "Solar Panel" means a device used to convert energy contained within the sun's rays into electrical (photovoltaic) or heat energy and may be a single unit or an array of units into a single panel.
- (d) "Wind Tower" means the vertical component of a wind energy system that elevates the wind turbine generator or any mechanical transmission system and the attached blades above the ground.

PART 1

ALTERNATIVE ENERGY SYSTEMS

- 4.** Alternative Energy Systems shall require a Building Permit application which shall include the following information where applicable:
- (a) The manufacturers specifications indicating;
 - (i) rated output in kilowatts,
 - (ii) safety features and sound characteristics
 - (iii) type of material used in tower, blade, and/or rotor construction,
 - (iv) CSA (Canadian Standards Approval or ULC (Universal approval, if applicable.
 - (b) Potential for electromagnetic interference
 - (c) Nature and function of over-speed controls which are provided,
 - (d) Specifications on the foundation and/or anchor design, including location and anchoring of any guy wires,
 - (e) Information demonstrating that the system will be used primarily to reduce on-site consumption of electricity, natural gas or propane,
 - (f) Location of existing buildings, improvements, roads, lanes and public utilities both on the applicant's property and all adjacent properties.
- 5.** Wind Towers are prohibited within the Village of Viscount.
- 6.** Solar panels may be installed on the roof of any building or may be ground mounted in a rear or side yard.

7. If a roof mounted solar panel requires raising of the top of the panel for solar alignment, the top of the panel shall not project above the highest roofline by more than 0.3 metres (1 foot).
8. All plumbing, reservoirs, pumps and other equipment associated with solar or geothermal heating or cooling systems shall require plumbing, electrical and building permits and any other municipal requirements.
9. Geothermal installations must be stamped by a qualified Professional Engineer registered under the "Engineering and Geoscience Professions Act" of the Province of Saskatchewan or have the system and installer certified by the Canadian GeoExchange Coalition (CGC) or other future governing body having jurisdiction within the Province of Saskatchewan.
10. Geothermal installation must comply with CSA regulations and subsequent amendments.
11. All Geothermal systems installed within the Village of Viscount shall be a Closed Loop System. Open Loop systems are not allowed.
12. Heat-transfer fluids used within a geothermal system shall be of the most environmental friendly type available at the time of installation such as propylene glycol. In no case may an ethylene glycol based fluid be used nor shall any flammable or combustible agent such as methanol, ethanol, natural gas or propane be used.
13. **Effective date**
This bylaw becomes effective on date of passing.

{Seal}



Mae Hymn _____ Mayor

Ulrike Schlessen _____ Administrator

Read a third time and adopted
this 12 day of March, 2014

Certified a true
copy of Bylaw 2014-30
adopted by resolution
of Council on
the 12th day of March, 2014