

**BACKGROUND
CLLR. QUIRING – NOTICE OF MOTION
SOLAR READINESS**

Purpose:

Page 17 of the City of Vernon’s Climate Action Plan suggests a goal that all new buildings are efficient, use zero carbon energy systems, and are resilient to, and adapted for, projected climate impacts and hazards.

This shows the vision that our community has for the role of solar, not only as a future energy source, but also helping to become carbon neutral.

Planning ahead for the installation of a solar electric system or a solar + storage system can provide significant benefits to future homeowners. The purpose of a Solar Ready installation is to ensure preliminary work is done to make a home solar ready and will result in an easier and less costly installation of solar in the future.

To prepare for Solar PV, one solar PV conduit of at least 2.5 cm (1”) nominal diameter constructed of rigid or flexible metal conduit, rigid PVC conduit, liquid tight flexible conduit or electrical metallic tubing (as per Section 12 of the Canadian Electrical Code Part 1 concerning “raceways”) should be installed. The conduit should be continuous from an accessible attic or roof location to the designated wall space for the PV electrical hardware (continuous, straight as possible; bends / elbows will be fine). Reference: PV and the Electrical Code, CanSIA, 2004, Section 8.8.