



STAFF REPORT

TO: Council

FROM: Marcia d'Eon, Director of Operations & Protective Services

APPROVED BY: Warren Macleod, CAO

DATE: January 14, 2026

SUBJECT: **Update on EV and Solar-414 Woodlawn Drive**

ORIGIN

This report is provided to Council as an update on the installation and initial operation of the electric vehicle (EV) charging stations and the solar panel system at the Municipal Administration Building, 414 Woodlawn Drive. The update provides usage data from the first six months of operation.

BACKGROUND

As part of the Municipality's sustainability initiatives, Council previously approved the installation of EV chargers and rooftop solar panels supported by funding from the Sustainable Communities Challenge Fund (SCCF) program. The final components of the project were completed in June 2025 and a kickoff event was held.

DISCUSSION

EV Charger Usage

Since their activation in June, the EV chargers have been available for use by Sou West Nova Transit and to the public. Usage data collected over the first six months indicates:

- Total energy dispensed: 2745~kWh

A printout from the EV charger usage meter has been included as Attachment A.

Solar Power Generation

The rooftop solar array has been producing energy since May 2025. Generation data collected over the first six~ months indicates:

- Total energy generated: 65552~kWh since commission.

This generation data demonstrates the system's contribution toward reducing operating costs and emissions, consistent with the Municipality's sustainability goals.

A printout from the solar generation meter has been included as Attachment A.

ATTACHMENTS

- Attachment A: EV and Solar Meter Data

EV VEHICLE CONSUMPTION REPORT

Time	Name	Consumption (kWh)	Max power (kilowatts)
2025	Totals EV 1-6	2744	1.68

Solar Plant Generation Report

Time	Installed Capacity(kWp)	Annual Full Load Hours(h)	Annual Yield(kWh)
2025	66.5	985.74	65551.5