

## Department 8 – Solar Initiatives

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### Overview

This department includes the revenues and expenses for the Township's three (3) microFIT solar installations and three (3) FIT solar installations.



The microFIT installations are roof top solar and are located at 1310 Centre Line, 8 Queen Street and 832 Charles Street. The three (3) twenty-year contracts pay 80.2 cents per kilowatt hour for energy transmitted directly to the grid. The microFIT installations were internally financed over a ten-year period and 2022 was the final year for repayment.

The FIT installations are also roof top solar and are located at 1280 Centre Line, 275 Queen Street and 553 Ennis Road. The three (3) twenty-year contracts pay 34.5 cents per kilowatt hour, 34.5 cents per kilowatt hour, and 32.9 cents per kilowatt hour respectively, for energy transmitted directly to the grid.

### Revenue & Generation

microFIT installations - three (3) installations (mid to late 2012 to mid Dec. 2025)

- Revenue - \$388,663.42
- Energy generation – 485,484.84 kWh

FIT installations - three (3) installations (mid to late 2016 to end of Dec. 2025)

- Revenue - \$ 1,249,509.46
- Energy generation – 3,418,755.12 kWh

### Expenditures

Expenditures include estimated repayment for the three (3) FIT installations. They are financed through a ten (10) year debenture with Infrastructure Ontario with principal and interest payments being funded by solar receipts. **2026 will be the final year for repayment.**

Insurance premiums specific to the solar equipment & potential loss of income and hydro account service charges are also included.

The Sustainability Reserve was established and continues to grow with contributions from this Department. As this reserve balance grows, it will enable support for sustainability initiatives. These funds can also be utilized to lever additional grants or funding sources to maximize sustainability efforts in the Township.

The Sustainability Coordinator provides support to several municipal departments. Beginning in 2026, the Sustainability Coordinator's position will be

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allocated to multiple departments. As such, a portion of this position's salary will be funded from Department 8 to reflect the Coordinator's management of solar generation statistics/data and to oversee maintenance/issues related to the panels.

### **Activity Update – Beyond Budget and Dollars and Cents**

#### **Solar Panel Performance**

In 2024, the Township worked with Global Point to undertake a review of the Township's solar panels. After reviewing the solar data from 2012 to 2024, it was evident that the Township's solar panels exhibit degradation over time however, it is minimal. With the exception of some microinverter replacements, there have been few issues with overall performance. The Township was advised to continue monitoring monthly revenue and generation, as well as address any maintenance issues that arise, to proactively mitigate any impact from degradation. Global Point also noted that the IESO is looking at contract extensions, which is something the Township will keep in mind as we plan for the future of the solar panels.

The annual energy generated from the Township's solar panels varies year to year based on several factors, including weather. Significant weather events in early 2025, including the ice storm in March temporarily reduced generation. There were no maintenance concerns beyond what is normally expected following the 2024/2025 winter. Once all snow and ice had melted, monthly generation returned to normal.

**The Corporation of the Township of Selwyn**  
**Budget Worksheets 2026**

**Department 08 - Solar Initiatives**

GL Account	Details	2023 Year to Date Actuals	2023 Approved Budget	2024 Year to Date Actuals	2024 Approved Budget	2025 Year to Date Actuals	2025 Approved Budget	<b>2026 Proposed Budget</b>
<b>Revenues</b>								
	Operating Sales - Revenues & Fees	142,326	143,186	144,589	144,397	140,184	144,461	142,367
	Transfers In	-1,031	-1,031	1,001	1,000	-895	-895	718
	<b>Total Revenues</b>	141,295	142,155	145,590	145,397	139,289	143,566	143,085
<b>Expenses</b>								
	Communications	719	719	769	719	779	779	3,342
	Annual Payment of Unfinanced/Debt (P&I)	113,837	113,837	113,837	113,837	113,837	113,837	113,837
	microFIT Installations	1,423	1,428	2,532	2,030	1,549	2,123	1,515
	FIT Installations	12,316	11,489	14,348	11,650	12,405	11,464	11,677
	Transfers Out	13,000	14,682	14,105	17,161	10,718	15,363	12,714
	<b>Total Expenses</b>	141,295	142,155	145,590	145,397	139,289	143,566	143,085
	<b>Balance</b>	0	0	0	0	0	0	0