

Memorandum to the Council of Corporation of the Municipality of Temagami

Subject: IESO-Funded Small Business Program Lighting Retrofits

Memo No: 2025-M-109

Date: May 8, 2025

Attachment: None

Prepared By: John Shymko - Economic Development Officer

Recommendation

BE IT RESOLVED THAT Council receives Memo 2025-M-109 as presented.

Contents

1. Executive Summary.....	2
2. Background	2
3. Scope of Work.....	2
4. Project Status (as of April 2025)	3
5. Project Financials	4
6. Municipal Cost Breakdown by Facility	4
7. Installer Follow-Up and Remaining Work	4
8. Program Benefits and Impact	5
9. Warranty Information.....	5
10. Conclusion.....	5

1. Executive Summary

The Municipality of Temagami has made substantial progress under the Independent Electricity System Operator (IESO)'s Small Business Program (SBP), implementing energy-efficient lighting upgrades across 14 municipal facilities. Most installations are finalized, resulting in improved lighting, cost savings, and operational efficiency. A small number of facilities remain outstanding due to weather-related access and specialized equipment requirements. This report summarizes project progress, financials, and next steps toward full completion in spring/summer 2025.

2. Background

The Small Business Program (SBP), delivered through IESO's Save on Energy framework, offers municipalities up to \$3,000 per facility for lighting retrofits and \$2,500 for non-lighting upgrades, including:

- Free on-site assessments
- Installation of high-efficiency lighting
- Disposal of old fixtures
- Integration of occupancy sensors

Temagami enrolled in Fall 2024. The purpose of this report is to provide Council with an update on the initiative's current status, remaining installations, and return on investment. The work was coordinated by Good Energy Solutions Inc. with oversight by municipal staff.

3. Scope of Work

Upgrades were conducted at the following municipal sites:

- Temagami Arena
- Temagami Chalet
- Temagami Fire Department
- Temagami Fire Hall

- Temagami Municipal Office
- Temagami Museum
- Temagami Public Works Garage
- Temagami Train Station
- Temagami Wastewater Lagoons – North and South Sites
- Temagami Water Towers
- Temagami Water Treatment Plant
- Marten River Fire Hall

4. Project Status (as of April 2025)

4.1. Work Completed

Installations have been completed at the majority of facilities, with invoices processed and documentation submitted.

4.2. Outstanding Work

- Temagami Chalet, Museum, and Train Station: Installation delayed due to winter access issues. Work will resume once sites are accessible.
- Temagami Water Treatment Plant: Remaining elevated fixtures to be installed using lift equipment.
- Temagami Arena: High-bay lighting over the rink will be installed by the contractor following the removal of the ice surface.

5. Project Financials

- Total Project Cost (pre-tax): \$45,860.56
- Municipal Contribution (pre-tax): \$11,534.05
- Estimated Annual Energy Savings: \$8,086.22
- Annual Electricity Reduction: ~64,000 kWh
- Payback Period: ~1.43 years

6. Municipal Cost Breakdown by Facility

The Municipality of Temagami incurred partial costs for the following facilities. All other participating locations were fully funded under the SBP and required no municipal contribution.

Facility	Municipal Share (pre-tax)
Temagami Fire Hall	\$1,433.75
Temagami Fire Department	\$3,779.80
Temagami Arena	\$2,047.50
Temagami Public Works Garage	\$42.00
Temagami Water Treatment Plant	\$1,697.00
Marten River Fire Department	\$2,534.00
Total	\$11,534.05

7. Installer Follow-Up and Remaining Work

- The contractor has confirmed they will complete Arena high bay installations once the ice is removed.
- High fixtures at the Water Treatment Plant will be finalized with appropriate lift equipment.
- Seasonal access constraints at Chalet, Museum, and Train Station are expected to resolve shortly, allowing final installations.

8. Program Benefits and Impact

- Energy and Maintenance Savings: ~64,000 kWh annually and over \$80,000 in long-term utility reductions
- Enhanced Safety and Visibility: Brighter, more consistent lighting in public and operational spaces
- Environmental Benefit: Reduced electricity consumption and greenhouse gas emissions
- Operational Efficiency: LED upgrades reduce fixture failures and maintenance calls

9. Warranty Information

All installed eligible measures are backed by a 1-year parts and labour warranty from the date of installation. Warranty claims should be directed to Good Energy Solutions Inc. or the designated SBP delivery agent. Any additional product warranties provided by manufacturers may extend beyond this period, depending on the fixture type. Staff will retain all warranty documents and contact information for follow-up.

10. Conclusion

The IESO Small Business Program has yielded strong results for the Municipality of Temagami by delivering improved energy performance, reduced utility costs, and minimal capital expenditure. While the project is not yet fully complete, the majority of work has been finalized and the remainder is scheduled for spring/summer 2025.