



Audit highlights detailed energy use and costs for

9 municipal buildings

6 high priority

energy-efficient projects recommended



# TOWN OF MARATHON RUNS AN AUDIT AND WINS

## Town of Marathon

Marathon, Ontario

- **Municipal energy audit uncovers numerous savings opportunities**

### Municipal Energy Audit

The energy audit looked at detailed energy use and energy-saving opportunities for:

- |                      |                   |
|----------------------|-------------------|
| The arena            | Visitor's centre  |
| Swimming pool        | Golf course       |
| Town hall            | Operations garage |
| Fire and OPP station | Sewage plant      |
| Community hall       |                   |

### Incentives

Project cost: \$31,865.10

**Audit Funding**  
incentive: \$12,766





Like many Ontario municipalities, the Town of Marathon is looking for ways to make their operations more efficient. The first step was a detailed energy audit in nine key buildings to look for savings opportunities.

From the audit they received:

- A savings value of about \$44,000/year or 12% of overall energy costs if all measures are implemented
- Prioritized recommended conservation measures/projects, based on ROI, cost of implementation and estimated yearly energy savings
- A total facility energy use by source (electricity, natural gas, propane) and equipment type (lighting, HVAC, cooling, heating, refrigeration, etc.), benchmarked against similar facilities
- Utility bill analysis – trends and irregularities

**Marathon now has a roadmap to efficiency**

The energy audit report identified and recommended the following six high priority measures:

- Installation of a low temperature air source heat pump
- Installation of programmable thermostats
- Re-lamping fluorescent fixtures with T8s and installing occupancy sensors and lighting controls
- Upgrading specific HVAC systems and installation of heat recovery ventilators (HRV)

These projects are eligible for **Retrofit Program** incentives which could result in significant savings.

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- energy audits
- lighting upgrades
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- major renovations and new construction
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