

Energy Management Information Systems (EMIS)

Access up to \$250,000 in funding for your industrial or manufacturing facility

Energy Management Information Systems (EMIS) is one of four activities in Emissions Reduction Alberta's (ERA) \$50 million Strategic Energy Management for Industry (SEMI) program.

SEMI covers up to 50% of eligible project costs for for-profit organizations and up to 100% of eligible project costs for not-for-profits and Indigenous organizations.

The EMIS activity offers up to \$50,000 for facilities consuming under 400,000 GJ annually, and up to \$250,000 for those consuming more, to implement recognized energy management systems (EnMS), including ISO 50001-compliant and ISO 50001-certified systems.

OUR APPROACH

ERA's service provider, Enerva Energy Solutions Inc., will evaluate your current EMIS setup through a Facility Readiness Assessment (FRA). Based on the findings, you may:

- ▶ Receive a final report that summarizes opportunities for an EMIS
- ▶ Choose to work with internal staff or an eligible contractor to upgrade or install the EMIS

Organizations with an EMIS save an average of 20% more energy than those without. An EMIS includes hardware and software components that support:

- ▶ **Data collection and monitoring:** Using sensors, meters, and software to gather real-time data on energy consumption and production levels
- ▶ **Analysis and optimization:** Analyzing data to identify inefficiencies, track energy consumption patterns, and optimize processes
- ▶ **Reporting and decision making:** Providing insights into energy use, which helps in making informed decisions, detecting anomalies, and implementing corrective actions promptly

WHY INSTALL AN EMIS?



OPERATIONAL EFFICIENCY

Track performance across systems and equipment to reduce waste and optimize energy use.



COST SAVINGS

Identify overconsumption, reduce peak demand charges, and justify investments with clear data.



DATA-DRIVEN DECISIONS

Access real-time dashboards, reports, and alerts to take timely, informed actions.



REGULATORY COMPLIANCE

Simplify energy reporting and align with standards like ISO 50001.



SCALABILITY

Adaptable to facilities of any size or complexity with potential for integration of renewables and predictive maintenance.

HOW TO PARTICIPATE



READY TO IMPROVE ENERGY PERFORMANCE?

EMIS is more than a monitoring tool, it is a strategic asset that empowers your team, reduces costs, and supports your sustainability goals. Take control of your energy future. Contact us today to explore how EMIS can work for your facility.

ABOUT SEMI

Emissions Reduction Alberta's Strategic Energy Management for Industry (SEMI) program is designed to provide industrial and manufacturing facilities with knowledge, expertise, and training in energy management. With \$50 million in funding provided by the Government of Alberta and Natural Resources Canada (NRCAN), SEMI will help the province's industrial and manufacturing sectors increase competitiveness and reduce emissions. The program ends in March 2027.

"ERA's SEMI program represents a pivotal opportunity for industry to further our collective mission of enhancing environmental performance and operational efficiency. By providing the necessary financial support, this program will enable companies to invest in advanced technologies and practices that significantly reduce emissions, improve efficiency, and offer energy management solutions to contribute to a more sustainable future."

- Grant Wilde, Board Chair, Spartan Controls and BlueMarvel

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