

ELEVATE ENERGY PERFORMANCE, STRENGTHEN EXPERTISE, AND SECURE ONGOING SAVINGS

Emissions Reduction Alberta's Strategic Energy Management for Industry program (SEMI) is designed to provide industrial and manufacturing facilities with knowledge, expertise, and training in energy management.

The SEMI program will help participants increase profitability by reducing energy costs, growing organizational skills and capacity building, and helping cover the cost of capital retrofits.

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 greenhouse gas emissions until March 2027.

ABOUT THE PROGRAM

SEMI offers financial incentives to cover up to 50% of energy-saving project costs for for-profit organizations and 100% of energy-saving project costs for not-for-profits and Indigenous-led organizations. SEMI also allows in-kind contributions from the facility to offset the co-funding requirement for certain energy management activities.

All participants are required to conduct a Facility Readiness Assessment (FRA) to assess the facility's energy use, establish energy performance benchmarks, and provide participants with a roadmap to participate in other SEMI eligible activities.

AFTER COMPLETING THE FRA, PARTICIPANTS CAN ENGAGE IN THE FOLLOWING FOUR ACTIVITIES:

Conduct an Energy Assessment and Audit.

- ▶ Up to \$50,000 per facility.

Implement an Energy Management Information System.

- ▶ Up to \$50,000 for facilities consuming under 400,000 GJ annually, or up to \$250,000 for those consuming more.

Participate in Strategic Energy Management training.

- ▶ Up to \$100,000 per facility.

Invest in energy efficiency-focused Capital Retrofits.

- ▶ Up to \$1,000,000 per facility.

KEY BENEFITS



**INCREASE PROFITABILITY
AND PRODUCTIVITY**



REDUCE ENERGY COSTS




**GAIN KNOWLEDGE, EXPERTISE,
AND TRAINING**



**MAKE INFORMED, DATA-DRIVEN
DECISIONS**



**DEMONSTRATE A COMMITMENT
TO SUSTAINABILITY**



SEMI will support industrial and manufacturing facilities through four activities:



ENERGY ASSESSMENTS AND AUDITS



ENERGY MANAGEMENT INFORMATION SYSTEMS (EMIS)



STRATEGIC ENERGY MANAGEMENT (SEM)



CAPITAL RETROFITS

ELIGIBILITY

Participating facilities must meet the following requirements:

- ▶ The facility is in Alberta.
- ▶ The facility is owned or leased (for a leased facility permission must be obtained from a landlord).
- ▶ The facility has been in operation for at least one year with fixed equipment and building(s) used to produce goods.
- ▶ The operation is defined by the following North American Industry Classification System (NAICS) codes:
 - ▷ 11 – Agriculture, forestry, fishing and hunting
 - ▷ 21 – Mining, quarrying, and oil and gas extraction
 - ▷ 22 – Utilities
 - ▷ 23 – Construction
 - ▷ 31-32-33 – Manufacturing
 - ▷ 48 – Transportation
 - ▷ 56 – Administrative and support, waste management and remediation services

WHAT IS REQUIRED OF PARTICIPANTS?

To take part in the SEMI program and complete the Facility Readiness Assessment (FRA), participants will be required to provide certain information and facility access. This may include:

- ▶ Identifying an energy champion and executive sponsor
- ▶ Establishing energy goals
- ▶ Collaborating on energy “treasure hunts” to uncover energy-saving opportunities and explore upgrading solutions
- ▶ Having a facility representative attend necessary meetings and provide a facility tour with access to the relevant energy-consuming equipment
- ▶ Ensuring facility management attends a presentation of the FRA report
- ▶ Providing the information specified in the data checklist, such as, but not limited to site layout, other process drawings, energy data, independent variable data, sample maintenance records, and operating parameters such as product mix, volumes, and schedules
- ▶ Providing prior energy studies or assessments, sustainability reports, or energy-related capital project documentation

FOR MORE INFORMATION

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