



TRYING TO FIND NEW WAYS TO KEEP YOUR BUSINESS COMPETITIVE? LOOK NO FURTHER.

Emissions Reduction Alberta is supporting businesses like yours by offering incentives up to \$12,500 per VFD unit through the ESB program.

The ESB program has a straight-forward menu of high-efficiency measures for your business and requires minimum paperwork to participate. Apply today to reserve your incentives, until your project is completed. Work with a registered contractor who can help you choose a VFD that fits the needs of your business and complete a high-quality application that results in fast turnaround times and payment of your incentive. Have an existing contractor you want to use for your project? Ask them to register—registration is quick and free.

A VFD can also provide the following benefits:

1. Reduced noise
2. Reduced maintenance costs
3. Longer lifespan for the VFD unit and connected system
4. Improved accuracy for HVAC control or industrial process settings
5. Improved comfort.

To compliment an energy-efficient VFD, you can also receive incentives for qualifying:

- ▶ Premium efficiency motors for pumps, fans, and compressors that help avoid energy loss and improve overall system performance
- ▶ Notched belt retrofits that help your electric motors operate smoother and last longer.

In most cases, pump and motor systems are essential to the daily operation of commercial and industrial buildings. You can find them on your furnace, water pump, air conditioning, and more. Simply put, Variable Frequency Drives (VFDs) match the load of pump and motor systems with the amount of energy used by the devices they operate. This reduces excess energy from being wasted and extends equipment life.

HOW VFDs WORK

Your ventilation or pump systems are generally sized to meet peak energy demands for your building and occupancy levels. For most of the year, however, full system capacity isn't required. This means your system is working less efficiently for a majority of the time, wasting energy and money. By installing VFDs, your pump and motor systems can operate at lower speeds during off-peak hours—drastically reducing overall energy consumption and associated operating costs.

Take advantage of the incentives provided by the Energy Savings for Business (ESB) program and invest in optimizing your system to match demand. **You'll see the money saved on your energy bills pay for the upgrade in three years or less, and the investment will generate savings for up to 15 years.**



ENERGY-EFFICIENT TECHNOLOGIES LEAD TO LONG-TERM SAVINGS

You invest in your workforce, product or service development, and marketing to grow profits. Now, by investing in your facility's energy efficiency, you can connect the missing link that can offer a serious return on investment.

Energy-efficient technologies can lead to long-term savings on maintenance, natural gas, utility bills, and other associated carbon costs. Investing in your building can also help you stay ahead of the curve, grow your business, and streamline your operation with less downtime, increase the reliability of your facilities and enhance occupancy comfort.

SEE RETURNS ON YOUR INVESTMENT—FAST

From controlled acceleration to adjustable operating speeds, there are plenty of ways to take advantage of VFDs for fans, pumps, and motor systems.

Based on common applications, participants can expect to:

- ▶ Receive incentives of up to 50% on upgrading their fan or pump systems
- ▶ Receive incentive payment four to six weeks after final approval notice
- ▶ **See energy savings equivalent to your investment within three years**
- ▶ **Save money for up to 15 years.**

SAVE EVEN MORE WITH THE ESB PROGRAM

The ESB program offers incentives to eligible Alberta businesses and non-profits to choose proven high-efficiency products—such as VFDs—and onsite energy generation technologies that meet their needs.

- ▶ Incentives of up to \$250,000 are available per project
- ▶ Up to \$1 million per parent company.

Recognizing that time is money to Alberta's businesses, the ESB program will give businesses fast access to cost-effective incentives. The ready-made menu of incentives will save companies time and money in developing their projects.

The Eligible Measure Categories include:

- ▶ HVAC for all types of commercial businesses, industrial and hospitality
- ▶ Process Heating for manufacturing, chemical plants, pharmaceutical manufacturing
- ▶ Water Heating for all industrial and commercial businesses
- ▶ Compressed Air for industrial and commercial businesses
- ▶ Refrigeration for commercial and industrial manufacturing, food processing, hospitality, and retail
- ▶ Building Envelope and Windows for industrial, commercial, and common spaces in multi-unit residential.
- ▶ Food Service Equipment for restaurants, catering services, hospitality.

A detailed listing of incentive amounts can be found on <https://eralberta.ca/energy-savings-for-business/program-resources/>.