CUSTOM ENERGY SOLUTIONS WITH COMPRESSED AIR INCENTIVES

We help you:

- Enhanced system performance through optimized air usage.
- Savings of up to 10–20 percent on energy costs through preventative maintenance and up to 50 percent in annual costs by repairing leaks.
- Up to 50 percent of capital costs in incentives.
- Elimination of a secondary compressor.
- System reliability with clean, dry air delivery at appropriate pressures.
- Reduced operational downtime and maintenance needs.

Visit **efficiencyalberta.ca/customsolutions** to get started.

Don’t Let Your Savings Go out the Window

Custom Energy Solutions benefits your industrial, institutional and commercial facilities. Save up to 50 percent of the energy used by your compressed air system when you make energy-efficient improvements. Leaks in compressed air systems not only waste money but cause operational problems such as insufficient supply of air and compressor over-cycling. Making improvements to your commercial or industrial equipment can have a huge effect on your bottom line.

Eligible Upgrades

Here are a few examples of common upgrades to improve your systems. Contact Custom Energy Solutions to learn about even more.

Leak Detection

Detect and repair leaks as part of routine equipment maintenance.

Pipe Fitting

Reduce pressure loss by making necessary redesigns to pipe work.

Ancillary Equipment

Zero air-loss drain valves minimize compressed air loss.

Dryers

Reduce energy usage with high-efficiency dryers.

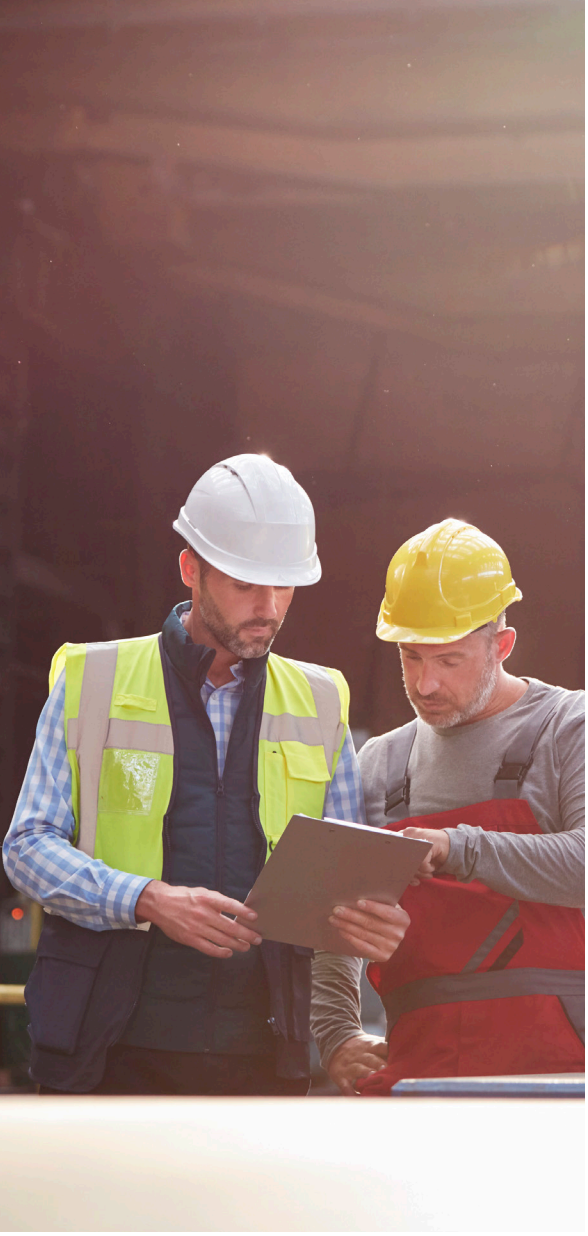
Heat Recovery Ventilator

Capture lost heat from compressors and recycle it for heating applications.

Variable Speed Drives

Optimize air flow and reduce cycling.

Energy Efficiency Alberta



Steps to Save

1. Turn It Off

Turning your compressors off during the evenings and weekends could reduce your energy bills up to 20 percent.

2. Just Say No to Leaks

Dust and sludge in a compressed air piping system will cause corrosion very quickly and will greatly increase the number of leaks. Dried and filtered compressed air keeps piping clean.

3. No Pressure

Check the system pressure and resist the urge to turn up the pressure to compensate for leaks or drops in pressure due to piping problems or clogged filters.

4. Check Drains

Replace timer drains with zero-loss drains to stop wasting compressed air.

5. Change Filters Often

Inspect and replace filters systematically to ensure the quality of your air and prevent pressure drops.

6. Recover Heat

Compressing air gives off heat, and as much as 90 percent of that heat can be recovered and reused. Hot water can be repurposed for use at your facility, resulting in increased savings.

Size up Your Savings

Reduce electrical consumption by locating leaks and sources of air loss in your compressed air system.

Repairing small holes results in major savings. Here's just an example of what one tiny leak might be costing you:

- $ 1/16" hole wastes about 7,600 kWh = $760/year
- $ 1/4" hole wastes about 113,500 kWh = $11,350/year
- $ 3/8" hole wastes about 255,500 kWh = $25,550/year

Based on 8,400 annual operating hours at 100 psig and electricity rate of $0.10/year

ABOUT ENERGY EFFICIENCY ALBERTA

We are dedicated to helping Albertans save energy and lower their carbon footprint. Custom Energy Solutions offers incentives that make it easier and more affordable for facilities with high energy needs to update older equipment with energy-saving solutions. The result is more comfortable, efficient buildings with lower operating costs.

Get Started

Visit **efficiencyalberta.ca/customsolutions** to learn more about what Custom Energy Solutions can do for you.

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