



# Improving performance for industries with higher energy needs

## We help you:

- Assess your facility's energy use
- Build out a plan to bring the most cost-effective energy upgrades to your facilities
- Improve efficiency of common systems such as compressed air, steam systems, heat recovery and process controls
- From start to finish, all the way through the incentive process



## Solutions for Waste Management

### Save Energy and Money in Your Plant

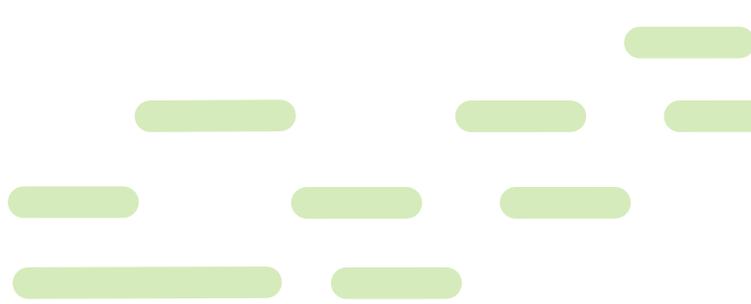
Let Custom Energy Solutions help your wastewater treatment and water supply plant save money and energy. Take advantage of incentives and resources that can help you reduce your maintenance and operating costs on pumping, ventilation, compressed air and hydraulic systems. By optimizing equipment and processes, you can improve performance within your facilities. Making improvements to your industrial heating equipment can also reduce your maintenance and operating costs.

### Recommended Energy Efficiency Measures

- Fine bubble diffusers: Improve your aeration pond performance
- Dissolved oxygen monitoring: Control aeration levels in aeration ponds
- Blower installation: Reduce energy costs by installing high-efficiency models
- High-efficiency UV disinfection lamps: Reduce operating, maintenance and energy costs associated with disinfection
- Variable frequency drives: Install VFDs on pumping and ventilation systems operating under part-load conditions
- Combined heat and power: Displace grid electricity using cogeneration systems

You can lower your energy use significantly with high-efficiency equipment that lasts longer, lowers operating costs, and reduces maintenance repairs and costs. You may also be eligible for cash incentives based on kWh saved when you upgrade to the equipment and systems recommended.





## Incentives to Support Your Investment Decisions and Improve Ongoing Operations

### Scoping Audit

*Incentives cover up to 100 percent of costs.*

If you aren't sure where to begin, a scoping audit is a great first step. The audit pinpoints energy-saving opportunities in your facility and outlines potential upgrades, available incentives and estimated savings.

### Engineering Study

*Incentives cover up to 100 percent of costs.*

Skilled technical staff use a suite of tools and calculators to take a deep look at the larger, more comprehensive projects. You'll get a clear, detailed view of the long-term benefits and your return on investment.

### Retro- and Re-commissioning Investigation (RCx)

*Incentives cover up to 100 percent of costs.*

RCx makes it easier to improve the efficiency of existing equipment, lower maintenance costs, and implement further improvements over time.

### On-Site Energy Manager

*Incentives cover up to 90 percent of an on-site energy manager's first-year salary.*

An on-site energy manager can identify energy-savings projects, support decision-making for multiple facility improvements and ensure continued optimization in your facilities. Your organization will benefit from the continual focus of a fully trained and supported resource within your operation.

### Business Energy Savings

We also offer rebates on high-efficiency products that require replacement and maintenance on a more regular basis, helping you save money and reduce emissions. To find out about our Business Energy Savings program and see a list of eligible measures, visit [efficiencyalberta.ca/business](http://efficiencyalberta.ca/business).

*For full details on incentives, visit [efficiencyalberta.ca/customsolutions](http://efficiencyalberta.ca/customsolutions).*

## About Us

We are dedicated to helping Albertans save energy and reduce 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

Let's talk more about what Custom Energy Solutions can do for you. Visit [efficiencyalberta.ca/customsolutions](http://efficiencyalberta.ca/customsolutions) to learn more.