

Process Water System Optimization

Energy savings that don't go down the drain

Water and energy use go hand in hand. Saving water will save you energy and decrease operational costs. Get started with the Process Water System Optimization offering from Consumers Energy. Set a plan to conserve the energy used to circulate water in industrial processes, in agricultural irrigation and to transport and treat water. Identifying leaky pipes and lines that waste pumping and treatment energy will save money too.

Water Pumping Facts:

Implementing Supervisory Control and Data Acquisition (SCADA) systems through variable speed control and process optimization saves up to 20 percent of energy use.²

16 percent of a typical industrial facility's electric costs are for pumping (DOE).¹

There are more than 2.4 million pumps used in industrial processes, in the United States, consuming more than 142 billion kilowatt hours annually.¹

Surveying your facility's pumps is a first step. Misapplied, oversized or throttled pumps use extra energy.¹

Our team is here to assist you with identifying and quantifying energy savings. We offer rebates for a wide variety of process improvement projects including pumping, aeration, right-sizing and control systems. Get your facility started on saving energy and money, often with paybacks of less than 5 years.

Consumers Energy has a five Year goal to decrease water use by 1 billion gallons. Join us in reducing energy cost while helping save our vital natural resource.

1. ENERGY STAR®

2. Electric Power Research Institute

Schedule a site assesment today:

888-674-2770

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Consumers Energy
Count on Us®

Municipal wastewater and water treatment facilities can save too!

Approximately 4 percent of the country's electricity use goes toward treating and transporting water and wastewater, that is approximately 56 billion kilowatt hours and \$4 billion, annually.^{1,2} These systems can account for up to one-third of a municipality's electric budget.³

Energy Use in Typical Activated Sludge Municipal Wastewater Facility

Electricity accounts for close to 95 percent of the total energy used by municipal wastewater facilities.¹ Let Consumers Energy analyze your energy use and define a path of savings for your municipal facility.



We Are Here to Help

The biggest challenge reducing energy use in your facility is knowing where to start. Consumers Energy is here to help.

The process water system optimization energy efficiency team will guide you every step of the way to provide a simplified, hassle-free process.

Get started on your process water system optimization rebates today by visiting **[ConsumersEnergy.com/IEP](https://www.consumersenergy.com/IEP)** and download the application that suites your facility's needs.