



Ogunquit Sewer District

An Efficiency Maine Case Study

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The Ogunquit Sewer District (OSD), a quasi-municipal corporation serving the town of Ogunquit, Maine, has operated a wastewater treatment facility since 1963.

The plant, which treats wastewater through an activated sludge process, relies on aeration blowers to support the biological breakdown of organic waste. The system is supported by 12 pump stations and approximately 20 miles of sewer lines.

In the summer of 2022, OSD explored opportunities to reduce energy use and operating costs by upgrading their aging positive displacement blowers. With support from Efficiency Maine's Custom Program, they installed two 75-horsepower Inovair geared centrifugal blowers with load-based controls. These high-efficiency blowers provide the necessary aeration



High-Efficiency Blower

By the Numbers

\$250,000

Cost for high-efficiency blowers.

\$39,000

Efficiency Maine Incentive award.

138,000 kWh

Estimated annual energy savings.

while consuming significantly less energy than the previous equipment.

The total cost of the project was \$250,000, with Efficiency Maine providing a \$39,000 incentive. The upgrade saves the facility an estimated 138,000 kilowatt-hours annually. This project highlights the value of investing in energy-efficient technologies to help wastewater treatment plants manage costs and energy use more sustainably.

Reach the Commercial and Industrial (C&I) Custom Program at **207-358-7957** or **custom@efficiencymaine.com**.

