

Mass Save[®] Energy Efficiency Case Study

Sekisui Voltek, LLC

PROJECT SUMMARY

Sekisui Voltek, is the leading manufacturer of crosslinked polyolefin foam in North America. Their Massachusetts manufacturing facilities were in need of a energy-efficient replacement for their compressed air system.

By partnering with Mass Save, Sekisui was able to install:

High Efficiency Mechanical Systems and Controls

- Replaced older, inefficient air compressors with a new high efficiency air compressor using a variable-speed drive motor
- Replaced inefficient non-cycling air dryer with a high efficiency cycling air dryer

The Result —

- Saving on annual energy costs.
- Reducing impact on the environment.
- Improving the efficiency of their facility.

Solution: Installed high efficiency air compressor using VSD motor and cycling dryer.

- Total Project Cost \$197,348
- Mass Save Sponsor Incentive \$78,878
- Annual Electric Savings 273,974 kWh
- Annual Cost Savings \$33,808
- Carbon Reduction 2,215 tons



About Sekisui Voltek, LLC

Sekisui Voltek, part of the worldwide network of Sekisui companies, is the leading manufacturer of crosslinked polyolefin foam in North America. Sekisui Voltek has manufacturing facilities in Massachusetts and Michigan, and sales offices nationwide. As a high-performance plastics company within Sekisui, it is an integral part of a worldwide network dedicated to problem solving, continuous improvement, and complete customer satisfaction. Sekisui Voltek's own professional staff is augmented by other Sekisui companies, giving the customer the benefit of a wide range of expertise.

Mass Save As a Strategic Partner

Whether you are building a new manufacturing facility, upgrading old, inefficient equipment or manage a property in need of energy improvements, the Mass Save program will help you identify cost-effective energy efficiency improvements, provide technical assistance, and offer financial incentives in addition to interest-free loans to help kick-start your company's next big project. To learn about these and other commercial and industrial energy efficiency programs available, visit MassSave.com/Business or join the **Mass Save group on LinkedIn**.

About Mass Save

Mass Save is an initiative sponsored by Massachusetts' gas and electric utilities and energy efficiency service provider, including Berkshire Gas, Cape Light Compact, Columbia Gas of Massachusetts, National Grid, New England Gas Company, NSTAR, Unitil, and Western Massachusetts Electric Company. The Sponsors of Mass Save work closely with the Massachusetts Department of Energy Resources to provide a wide range of services, incentives, trainings, and information promoting energy efficiency that help residents and businesses manage energy use and related costs.

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