



Energy Efficiency Case Study

Brought to you by Cape Light Compact

Cape Air and Provincetown Airport

Location: Provincetown, MA

About the Business:

Since their first flight between Boston and Provincetown in 1989, Cape Air has provided year-round service to some of the most beautiful destinations in the world including Hyannis, Nantucket, New Bedford, Martha's Vineyard, Providence, RI, South Florida, the Caribbean and Micronesia. The employee-owned company, based in Hyannis, Massachusetts, has grown from three flights a day between Provincetown and Boston in 1989 to 400 flights a day, and service to approximately 500,000 passengers annually as one of the largest regional airlines in the U.S. Cape Air operates a fleet of 76 Cessna 402s, 16 Tecnam P2012 Travellers and 4 Britten-Norman Islanders. Cape Air's Sustainability program has received numerous awards, including the EPA's Environmental Merit Award.

CLC Incentives:

\$23,124.59

kWh Savings:

37,750

Project Highlights:

Cape Air's Sustainability Program, working with Provincetown Airport Manager, Butch Lisenby, contacted Cape Light Compact to do an energy assessment to see if the efficiency of the lighting at the airport could be improved by retrofitting existing lighting with Light Emitting Diode (LED) lamps and fixtures. The assessment report concluded that 37,750 kWh could be saved annually, cutting electricity use at the airport by 30%. The job was completed during the week of September 28th, 2020.

Jim Wolf, Sustainability Program Director for Cape Air, stated that, "Thanks to a limited time discount being offered by Cape Light Compact to commercial customers at zero cost, Cape Air and Provincetown Airport management decided to proceed with the energy efficiency lighting upgrades. The project is expected to save the airport 29.6 metrics tons of greenhouse gases and \$7,000 in electric costs annually. The whole process of working with the Compact was simple and easy."

These upgrades are expected to reduce electricity costs by approximately \$7,000 in the first year. A final bonus of LED technology is that these lamps/fixtures should last for at least 15 years, reducing the cost for annual maintenance at the airport!

About Mass Save:

Together, we make good happen for Massachusetts: Berkshire Gas, Cape Light Compact, Eversource, Liberty Utilities, National Grid and Unitil. As one, we form Mass Save®, with the common goal of helping residents and businesses across Massachusetts save money and energy, leading our state to a clean and energy efficient future.

WE ARE MASS SAVE®:



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