

ENERGY EFFICIENCY CASE STUDY

Provincetown Theater



\$105,062
in incentives

110.00 MMBTUs
estimated annual
energy savings*

THE NEED

A new, efficient heating and cooling system able to meet the fluctuating needs of the performance space.

THE SOLUTION

A high-efficiency ground-mounted packaged heat pump with dual enthalpy controls.

Since opening its doors in 2004, the Provincetown Theater has been a fixture in the Provincetown arts scene. The building, originally built in 1900, was last used as an auto garage before its conversion into a 110 seat theater. The building still utilized a propane heating system and the operators wanted to upgrade to something more energy efficient.

One of the biggest challenges of the project was sizing the system correctly to meet the increased demand during theater performances. RISE installed a high-efficiency ground-mounted packaged heat pump to electrify the HVAC system. The unit can handle the variable load needed when the theater is at capacity, and features dual enthalpy controls to utilize free cooling when possible. The new unit is mounted higher than ground level to reduce the risk of damage from potential flooding.

The disassembly of the old system and installation of the new system was completed over the course of one week, minimizing disruptions to the theater's schedule, and was fully incentivized through the Compact's program for non-profit organizations.

The Cape Light Compact program for non-profits performed an incredibly valuable service by installing a new electric heat pump system for our building that was fully incentivized. We can't thank Cape Light Compact enough for this truly invaluable gift to the theater, and by association, our community

-Gary Garrison, Managing Director

**Estimated energy savings over equivalent fossil fuel heating system*

CapeLightCompact.org
1-800-797-6699

PROUD SPONSOR OF

