

More intermittent energy resources are being integrated onto the electric grid and existing traditional power plants are retiring. To ensure a reliable supply of electricity, a new incentive for thermal energy storage is being offered to local customers.



Reserve the Eversource Custom Thermal Energy Storage Incentive Available for commercial energy users in the Boston area

Boston has some of the highest demand charges in the country. As a result, power is 67%¹ less expensive during off-peak periods. Fortunately, Trane sees your business needs and provides a comprehensive energy management perspective. Our approach is simple; we partner with our customers to understand building operations goals and opportunities in the local utility market, and define an equipment specific plan.

With over 40 years of expertise in the thermal energy storage space, Trane offers knowledge based solutions.² Traditional cooling systems may limit your ability to reduce peak energy use. Trane Thermal Battery[™] Cooling Systems reduce your energy costs by offering more flexible strategies to save. The system works like an air-conditioning battery. The Trane controlled chiller charge “thermal batteries” and use that energy to cool commercial

buildings during periods when the cost of energy is high or when the utility asks to curtail load. This load flexibility reduces the strain on public utilities, reduces operating costs for building owners and allows for higher utilization of renewable energy.³

How the incentive works⁴

1. **Qualification.** The chiller plant must save kWh versus a code-compliant baseline option. Projects will be evaluated using energy modeling software.
2. **Pre-approval.** The Utility notifies the customer that a rebate will be provided upon project completion.
3. **Completion.** Final incentive monies will be supplied upon completion of 1) Commissioning 2) Measurement & Verification.



Contact us to learn more about thermal energy storage and eligibility for incentives.

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¹CALMAC evaluations based on utility tariff as of April, 2018

²Trane acquired CALMAC in 2017. CALMAC thermal energy storage tanks are integrated with Trane commercial heating, ventilation and air conditioning (HVAC) systems to take pressure off of the energy grid.

³ASHRAE Research Paper-1607: Design and Utilization of Thermal Energy Storage to Increase the Ability of Power Systems to Support Renewable Energy Resources, January 2018.

⁴Other screening may apply. To verify the thermal energy storage incentive and register your project, please contact your local Trane Account Manager.