**COMPANY**
Heat Timer Corporation

**TECHNOLOGY**
Boiler Controls

**DEMONSTRATION SITE(S)**
137 Centre Street and the Hansborough Recreation Center, 35 West 134th Street

**DEMONSTRATION PERIOD**
October 2014 – October 2015

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**Optimum Facility Characteristics**
- Hydronic or steam heating systems with or without BMS
- Uneven temperature distribution among spaces
- Engaged building operation and maintenance staff
- Stable internet connection for remote monitoring

**Demonstration Results**
The Heat Timer Multi Mod Platinum and HWR controls installed at the Hansborough Recreation Center demonstrated savings of 7.4% from the 2013-2014 heating season to the 2014-2015 heating season. This saved 3,061 gallons of fuel oil. The demonstration at 137 Centre Street was less successful. Although the MPQC control system worked well while placed in the proper operating mode, the facility operators reset the heat control to the highest setting sending more heat than necessary through the facility. The space lockout feature was also disabled, which prevented the temperature averaging function from operating. No appreciable savings were observed as a result. It is important that the users fully understand how the system works to get the most out of the control. This allows the saving potential to be maximized while maintaining comfort throughout the facility.

**Recommendations for Implementation**
- There were no major challenges during the installation phase of these demonstrations.
- Training of facility operators is critical to the proper functioning of the Heat Timer controls.
- Fuel consumption data from utility bills or monthly tank dipping, in the case of oil, can be analyzed to determine baseline energy usage.

www.heat-timer.com