

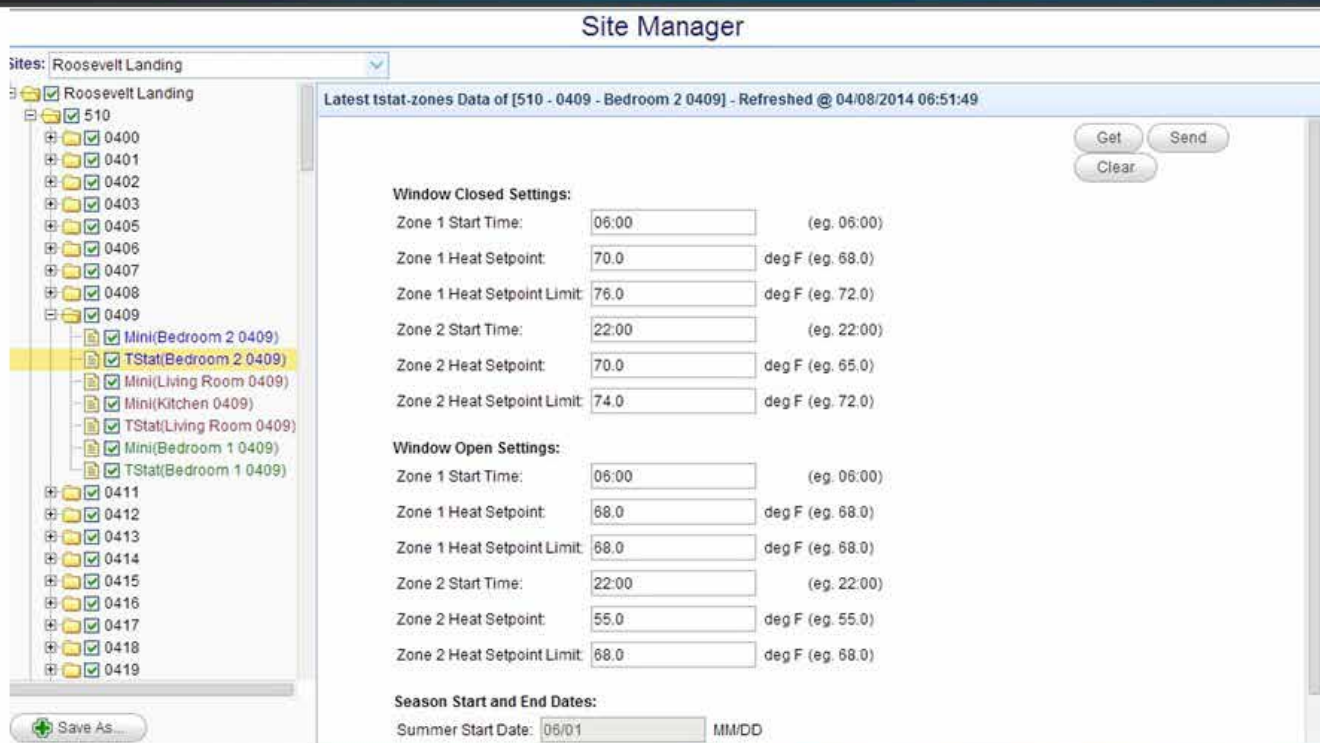
H2O Degree's wireless thermostat control solution allows property managers and owners to take charge of their heating and air-conditioning systems in their building. Through the H2O Degree web portal, owners can control temperature set-points, establish time-of-day setbacks, view the temperature inside the units as well as alarm for potential maintenance issues. Owners are able to better manage their utility costs in occupied spaces as well as establish a program to control vacant unit utility costs.

A thermostat anomaly report is generated daily that highlights some of the following issues:

- In-room temperature below or exceeding set-point (indication of possible external heating or air-conditioning source, i.e. space heater.)
- System calling for cooling or heating all day but never obtaining temperature set-point (indication of a maintenance equipment failure.)
- Correlation of outdoor temperature to actual indoor unit temperature for analysis.

Tenants have the advantage that they are provided a thermostat that can be programmed within the confines dictated by management. They have access to a web portal or mobile app to be used on their smart phones to control their thermostat. This creates a partnership among management and residents to conserve energy, savings have exceeded 20% in multiple properties.

## Screen Shot - Management Uses To Set Thermostats



The screenshot displays the 'Site Manager' web interface. On the left, a tree view shows the site hierarchy for 'Roosevelt Landing', with 'Mini(Bedroom 2 0409)' selected. The main panel shows the 'Latest tstat-zones Data of [510 - 0409 - Bedroom 2 0409] - Refreshed @ 04/08/2014 06:51:49'. It features two sections: 'Window Closed Settings' and 'Window Open Settings', each with input fields for 'Zone 1 Start Time', 'Zone 1 Heat Setpoint', 'Zone 1 Heat Setpoint Limit', 'Zone 2 Start Time', 'Zone 2 Heat Setpoint', and 'Zone 2 Heat Setpoint Limit'. A 'Season Start and End Dates' section includes a 'Summer Start Date' field. Buttons for 'Get', 'Send', and 'Clear' are visible in the top right of the settings area.