

Verdant Energy Management Solutions

The Landings of Mills River Case Study



About the Property



Number of Units
65



Developer
Affinity Living Group



Building Location
North Carolina



Building Type
Assisted Living



*Most of our residents spend the majority of their days outside of our community. For us, that represents a **great opportunity to setback the temperature by a few degrees** for the purposes of saving energy. What we really appreciate about the Verdant system are the **'recovery time' and 'night mode' features** that ensure our residents are never inconvenienced or uncomfortable while in their rooms. Most importantly for our residents, **the installation process was over and done within a matter of days and the thermostat is very easy to use.**"*

PROPERTY OWNER
AFFINITY LIVING

Energy Management Ecosystem



Verdant Installation
February 2019



HVAC Type
PTAC



Climate Zone
Mixed Humid



Electric Rate
\$0.11

Real Time Occupancy Detection.

Senior residents prefer warmer temperatures and are often away from their rooms, leading to higher energy bills. Our thermostats give residents full control over temperature when they are present and enter 'setback mode' when they leave. With this feature Not only is the property generating average **savings of \$715 per month** with EMS on. They also achieved an impressive **50% reduction in HVAC-related room energy costs by implementing smart occupancy detection.**

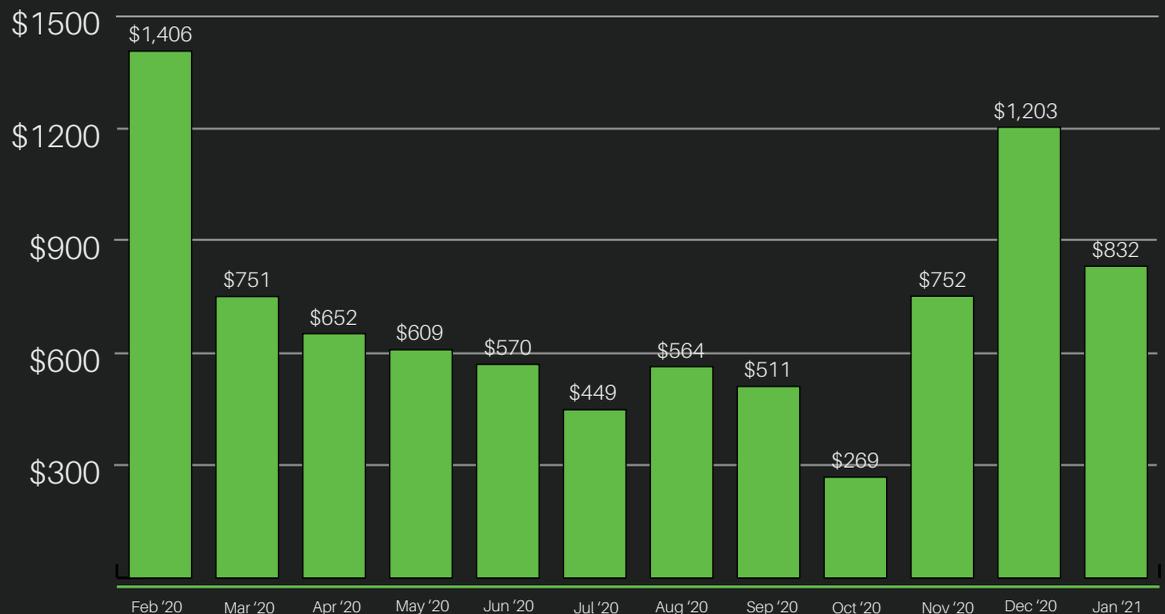
Maximum Resident Comfort

Verdant's centralized energy optimization reduces space heating/cooling costs by resting the thermostat at the **residents' preferred temperature settings**, eliminating the need for manual adjustments. Our thermostats ensure that **residents do not experience sudden temperature changes**, resulting in a more pleasant living environment and maximizing their comfort.

12-month [\$]
Cumulated Savings
\$8,573

12-month [kWh]
Cumulated Savings
81,159 kWh

*Savings calculated for 12-month period with EMS on from February 2020 - January 2021



Want to learn more?
Contact Us.

**sales.verdant
@emerson.com**



Wired or Wireless

Suitable for both retrofit or new construction, our wireless thermostat can easily be installed anywhere in a unit.



Unrivalled Compatibility

With most HVAC systems including exclusive integrations with leading VRF manufacturers (LG, Mitsubishi, Carrier)



Effortless Integration

The Verdant system can integrate with BMS, lighting controls and other smart home technology.