

# Verdant Energy Management Solutions

## Timber Ridge at Talus Case Study



### About the Property



Number of Units

**464**



Developer

**Life Care Services**



Building Location

**Issaquah, Washington**



Building Type

**Independent Living**

LCS (life care services) ranked #1 in customer satisfaction among independent senior living providers, partnered with Verdant to create an ideal comfort haven for the senior residents at Timber Ridge. Smart features like **'recovery time'** and **'night mode'** help maintain preferred temperatures and **prioritize resident comfort** while ensuring energy savings when rooms are unoccupied, especially with residents spending majority of time out of units enjoying the many services & amenities offered at the facility.

### Energy Management Ecosystem



Verdant Installation

**December 2022**



HVAC Type

**Water source heat pumps & Fan coils**



Climate Zone

**Mixed-Humid**



Electric Rate

**\$0.16**



## Unmatched Energy Savings.

LCS opted for the Verdant system's ability to deliver not only **quantifiable cost reductions** that can be **tracked & measured periodically** but also visibility over **HVAC alerts and system performance** oversight, ensuring your property's vitality for years to come.



## No Wi-Fi? No Problem.

Verdant's smart thermostats use a proprietary **900 MHz radio frequency** protocol that leverages low-frequency radio waves, seamlessly penetrating thick walls and covering long distances **without relying on the property's Wi-Fi, ZigBee or additional networking equipment.**

8-month [\$]  
Cumulated Savings

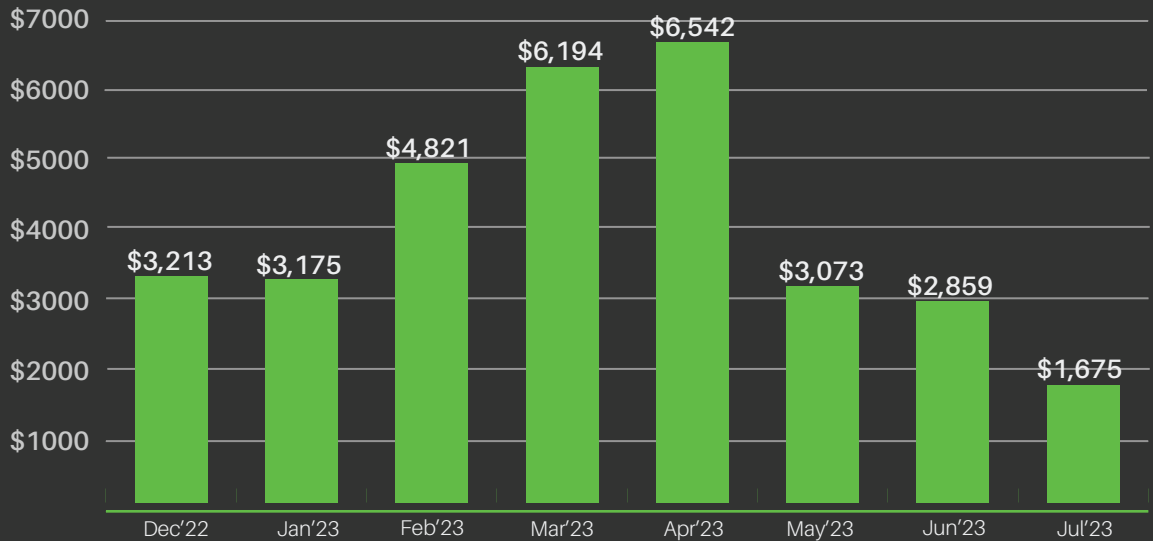
**\$31,557**

Outperforming ROI

8-month [kWh]  
Cumulated Savings

**155,855 kWh**

\*Savings calculated for 8-month period with EMS on from December 2022 - July 2023



Want to learn more?  
Contact Us.

**verdant.sales**  
**@copeland.com**



### Wired or Wireless

Suitable for both retrofit or new construction, our wireless thermostat can easily be self-installed in under 15 minutes.



### Unrivaled 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.