

# Verdant Energy Management Solutions

Trusted and installed by thousands of hotels, multifamily buildings and other commercial facilities, Verdant's energy management thermostats combine smart occupancy sensors with patented software to reduce energy consumption while maintaining guest comfort.

Great Wolf Resort, Arizona



# ABOUT

## GREAT WOLF RESORT, ARIZONA

The perfect blend of first-rate accommodations with outstanding family recreational activities, all under one roof. This property is home to 350 rooms located in Scottsdale, Arizona.

Bob Holesko, the Director of Engineering for all locations at Great Wolf Resorts, has chosen **Verdant energy management as the brand standard for all the major renovations or required upgrades for properties that have no EMS installed**

Our system helps provide monthly reports that quantify the energy savings at each of their properties. This approach has been crucial in demonstrating the value of Verdant energy management, helping our partners **measure their ESG targets in a more efficient way.**

In 2021, Great Wolf Resort Arizona has helped save more than 354,000 kWh

This is equivalent to saving an estimated of 297 acres of U.S. forests in one year.

Great Wolf Resorts has also been very active with new builds and have decided to mention **Verdant Energy Management Systems as the EMS provider for Great Wolf Resort new construction projects.** Taking into account Verdant's maximized energy savings without disrupting guest comfort.

In addition, Great Wolf Resorts are stepping up on energy reduction by adding lighting control technology into their Verdant thermostats. Starting with their Perryville site, they will now be able to shut off lights when rooms are unoccupied, giving headway to their **Project Green Wolf**, dedicated to energy and resource conservation.

## AT A GLANCE

### GREAT WOLF RESORT, ARIZONA

Average HVAC Runtime Reduction

30%

Average Monthly Savings (\$)

\$3,460

Payback Period

27 Months

Added Resale Value

\$386,867

\*A typical property is valued at 13x EBITDA.

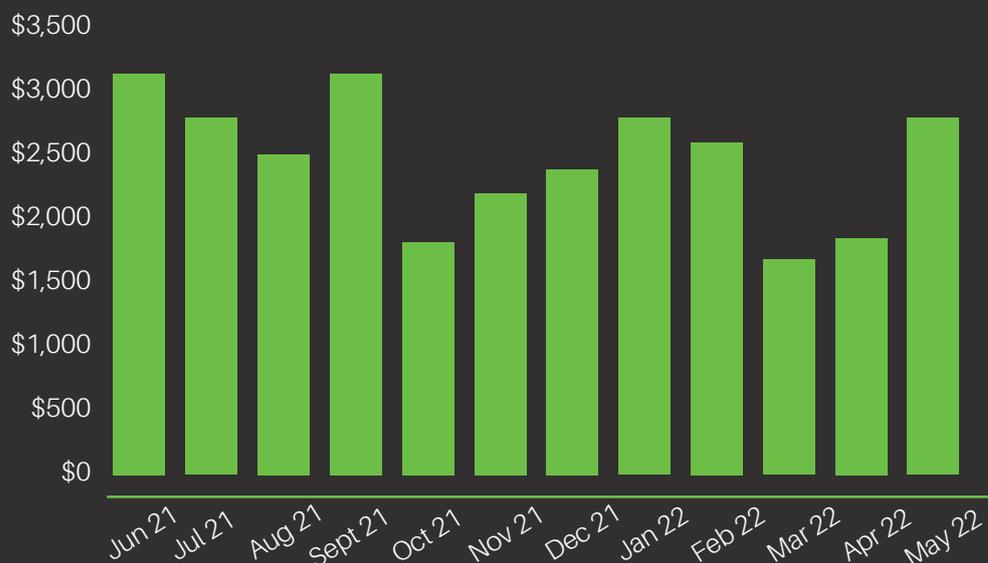
\*Average savings calculated from Dec 2017 - April 2023

### AVERAGE MONTHLY SAVINGS GREAT WOLF RESORT, ARIZONA

**\$29,759**

**12 - Month Cumulative Savings**

June 2021 - May 2022



On average, hotel guestrooms are unoccupied more than 60% of the time, even when rented, wasting energy heating and cooling empty rooms, and unnecessarily inflating electricity costs.

**That's where we come in. Our smart thermostats solve this problem by using advanced occupancy sensing technology to continuously scan the room for motion and body heat.**

When guests are present, they're given full control over room temperature. When guests leave the room, Verdant thermostats enter 'setback mode', allowing room temperatures to drift naturally by a few degrees, reducing HVAC runtimes by 40% on average.

Installing the Verdant energy management system is simple. Property staff can easily install our smart thermostats in less than 10 minutes per room.

The units then start communicating with each other wirelessly, creating a 100% wireless network that can be used by our energy experts to manage your network.

Verdant's proprietary communication protocol leverages low frequency radio waves that easily penetrate thick walls and cover long distances, eliminating the need for additional networking equipment and keeping your WIFI network free of any interference.

Most properties achieve significant annual savings on their utility bills, and a payback period between 12-18 months\*. That's thousands of dollars back in your pocket every year. It's also a significant boost to your property's overall value. That's because every dollar saved in electricity costs increases the resale value of your property by 13X\*\*, generating an incredible return on invested capital. Very few investment opportunities will offer so much upside in such a short time.

And when our own energy experts remotely manage all your thermostats using advanced cloudbased software, you get optimal savings year-round.

#### Optimal Savings

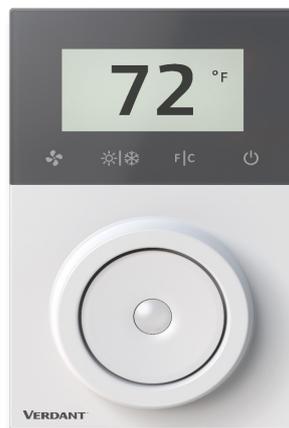
Optimizes settings in real time, ensuring you get the maximum energy savings possible.

#### Fully Automated

Automates guestroom HVAC energy management at your property, without any involvement from your staff.

#### Self-Installs

Your staff can self-install each thermostat in less than 10 minutes.



Verdant ZX Smart Thermostat

#### Compatibility

Verdant thermostats are compatible with most PTACS, VTACS, split units and fan coil systems.

#### Complete Coverage

Verdant EI™ includes a complete warranty on all hardware and all software updates.

#### Quick Payback

Cuts room HVAC runtimes by 40% on average\*, and typically pays for itself in 12-18 months\*.

\*Actual savings may vary according to utility cost, climate, available rebates, and other variables \*\*Enterprise Value Multiples by Sector [http://pages.stern.nyu.edu/~adamodar/New\\_Home\\_Page/datafile/vebitda.html](http://pages.stern.nyu.edu/~adamodar/New_Home_Page/datafile/vebitda.html)

## CONTACT US

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