



VILLA PREMIERE  
BOUTIQUE HOTEL & ROMANTIC GETAWAY  
PUERTO VALLARTA

# Verdant Energy Management Solutions

Villa Premiere Boutique Hotel in Puerto Vallarta



## About

Trusted by thousands of hotels, multifamily properties, and commercial facilities, Verdant's energy management thermostats combine smart occupancy sensing with patented software to help hotel teams achieve their sustainability goals.

By reducing unnecessary energy consumption without compromising guest comfort, Verdant enables properties to lower operating costs, improve efficiency, and make measurable progress toward environmental and financial performance targets.



Number of Rooms  
**80**



Installation Date  
**May 2018**



Building Location  
**Puerto Vallarta,  
Mexico**



Building Class  
**Luxury Boutique  
Hotel**



## About Hotel Villa Premiere

Villa Premiere Boutique Hotel in Puerto Vallarta is an award-winning, adults-only beachfront property that embodies relaxed luxury and a contemporary interpretation of traditional Mexican hospitality. Recognized internationally for its serene ambiance and highly personalized service, the hotel consistently delivers tailored guest experiences of exceptional quality.

Located in the heart of Puerto Vallarta, just a few blocks from the iconic Malecón boardwalk, Villa Premiere is a retreat centered on refined hospitality and elevated service standards. Accommodating leisure travelers, group stays, and destination events, the hotel offers upscale accommodations, distinctive culinary experiences, and professional butler service, ensuring consistency, efficiency, and attention to detail throughout every stay.

### Energy Management Ecosystem

**HVAC Type:** Fan Coil units

**Climate Zone:** Tropical wet and dry (Köppen Aw)

**Electrical Rate:** \$0.1269

**System Cost:** \$30,152

**Total Savings:** \$67,350



The property features a variety of thoughtfully designed accommodations, including deluxe guest rooms and spacious suites. Many of the larger suites incorporate multiple climate zones, requiring more than one thermostat to maintain optimal comfort. In addition to guest accommodations, several areas throughout the hotel, such as business halls, meeting spaces, and shared common areas which also requires individual climate control.

Altogether, these needs account for the installation of 104 thermostats across the property, ensuring precise temperature management and a consistently comfortable environment for guests and staff alike.

### Did You Know?

Hotel guestrooms are unoccupied for more than 60% of the time when they are rented. This results in unnecessary energy consumption and inflated electricity costs from heating and cooling empty rooms.

### Why Verdant Is The Solution

Verdant's smart energy management thermostats are purpose-built for hospitality environments. Using advanced occupancy sensing that detects motion and body heat, the system allows guests full control of their room temperature while occupied. When the room is vacant, the thermostat automatically enters setback mode, subtly adjusting temperatures to reduce HVAC runtime by an average of 45% without compromising guest comfort.

### Installation Is Simple And Quick

Installing Verdant thermostats is quick and straightforward. Property staff can typically complete each installation in under 10 minutes. Once installed, the devices wirelessly communicate with one another to create a fully connected, 100% wireless network, which is monitored and managed remotely by Verdant's team of energy experts.

Verdant's proprietary communication protocol uses low-frequency radio waves that easily penetrate thick walls and cover long distances. This eliminates the need for additional networking equipment and ensures your property's Wi-Fi network remains interference-free.

## Let's talk about Savings

For a premium beachfront property like Villa Premiere, maintaining exceptional guest comfort while controlling operational costs is a top priority. With 80 guestrooms, many of which remain unoccupied for extended periods throughout the day, traditional HVAC systems can drive unnecessary energy consumption and elevated utility costs. Additionally, the property's fan coil units presented a level of complexity; however, Verdant was successfully integrated into this complex HVAC system without disrupting operations. By implementing Verdant's smart thermostat solution, Villa Premiere is able to intelligently manage HVAC usage through real-time occupancy monitoring and automated temperature adjustments in vacant rooms.

Even in a warm, tropical climate where air conditioning operates nearly continuously to combat humidity, Verdant delivered measurable and meaningful results.

The property achieved an average monthly energy savings of 4,577.88 kWh, totaling more than 402,853 kWh in reduced energy consumption. These efficiencies translated into average monthly cost savings of \$953\*, and total utility savings exceeded \$65,000.\*

Beyond the financial impact, Verdant enabled Villa Premiere to enhance operational efficiency, support sustainability goals, and maintain a consistently high level of guest comfort. This successful deployment highlights Verdant as an ideal energy management solution for tropical hospitality properties seeking to balance cost optimization with a premium guest experience.



## Big Picture



Avg. Monthly kWh saved  
**4,577 kWh**



Return on Investments  
**19 Months\***



Avg. Monthly Savings  
Since Installation  
**\$953\***



Total Savings  
Since Installation  
**\$67,350\***

***It's a strategic investment with strong returns that begin delivering value quickly!***

\*Disclaimer: Savings may be lower during high-humidity periods due to increased HVAC runtime for dehumidification; ROI calculations exclude these periods.



## Take Control of Your Energy Management with Verdant



### Reduce Energy Costs

Save up to 18% on energy costs and reduce HVAC runtimes by 45% on average without affecting guest comfort.



### Plug & Play

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



### True Mesh Networking

Keep your thermostats connected without interfering with your Wi-Fi.



### Effortless Integration

The Verdant system can integrate with all HVAC types, PMS, BMS, lighting controls, and other smart technology.

**Say goodbye to unnecessary heating and cooling costs with Verdant's energy management system. Installed by more than 9,000 properties in North America and Europe, Verdant prioritizes energy efficiency without compromising guest comfort.**

### Want to Learn More?

**Contact Us:**  
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**Book a Web Demo:**  
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