



MEDIA RELEASE

For Immediate Release

Food Supermarket in Regional Victoria Realises 16.3% Energy Savings with Voltage as a Service (VAAS)

Melbourne, Victoria – 22 October 2024 –A food supermarket in regional Victoria has achieved impressive results with the implementation of Voltage as a Service (VAAS™), an energy-saving solution designed to regulate and optimise the voltage supplied to electrical equipment. By ensuring that devices operate at the optimal voltage, VAAS delivers measurable energy savings, financial benefits, and environmental improvements.

Over a six-month period, from 18 July 2023 to 31 December 2023, the supermarket realised 16.3% energy savings in kWh consumption, according to an IPMVP regression analysis.

Key Findings from the Site Energy Report

1. Energy Savings of 16.3%

- Careful monitoring and analysis concluded that 16.3% of the supermarket's energy savings were directly attributed to VAAS.
- These savings result in lower operational costs, helping the supermarket reduce energy bills while maintaining equipment performance.

2. Reduced Reliance on Grid Energy

- The installation of VAAS decreased grid energy consumption without affecting the performance of the supermarket's solar PV system. This complementary approach allows the supermarket to maximise the benefits of its solar generation and further reduce dependence on grid supply.

3. Sustainability Impact and Carbon Reduction

- Through VAAS, the supermarket has made significant progress toward reducing its carbon footprint and meeting sustainability targets. This energy-efficient solution aligns with the supermarket's environmental strategy and reporting requirements, supporting compliance with carbon emissions targets.

Complementing Solar PV Systems

VAAS seamlessly integrates with on-site renewable energy systems, such as solar PV, by reducing the energy load from the grid. The daily load profile analysis showed that VAAS actively decreases consumption without interfering with solar generation, creating a more efficient and balanced energy system.



Financial and Operational Benefits

- Immediate and Long-term Savings: VAAS reduces energy costs, contributing directly to profitability.
- Improved Equipment Lifespan: By supplying the correct voltage, VAAS minimises wear and tear on electrical equipment, leading to fewer maintenance requirements and longer equipment life.
- Enhanced Competitiveness: Businesses benefit from the dual advantages of cost savings and sustainability, which enhance their environmental credentials and competitive position.

A Strategic Energy Solution for Businesses

The success of this VAAS implementation highlights the value of Voltage as a Service for energy-intensive businesses, including supermarkets, manufacturing plants, and hospitality venues. As more companies prioritise sustainability and efficiency, VAAS offers a practical, effective solution to reduce energy consumption, improve carbon reporting, and manage operational risks.

For more information about this case study or Voltage as a Service (VAAS), please contact VAASCO Group Ltd at 1300 659 463.

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