

Supermarket Savings

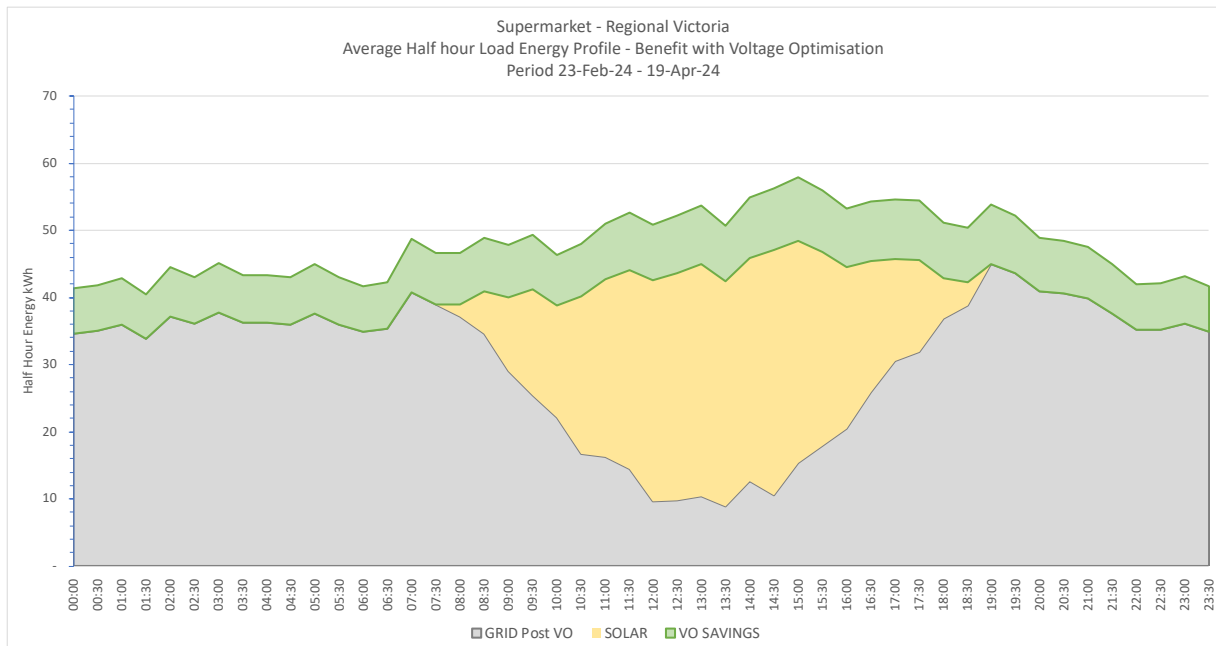
Voltage as a Service (VAAS)TM is an energy-saving service solution for regulating and optimising the voltage supplied to electrical equipment to the optimal level for efficient operation. The purpose of VAAS is to reduce energy consumption, lower electricity bills, and decrease carbon emissions by ensuring that electrical devices operate at their most efficient voltage level.

Summary of results

Following the installation of the VAAS system at a Supermarket in regional Victoria an IPMVP Period ON/OFF study was performed. The VAAS system was OFF for a period 4 weeks before 22nd March 2024. Then the VAAS system was ON for a period 4 weeks after 22nd March 2024. The difference in energy usage between the 2 periods is due to the energy savings performance of the VAAS system.

The conclusion from IPMVP analysis is that energy savings of 16.3% kWh are directly attributed to the VAAS system at the Supermarket facility.

Average [kWh per day]	Pre-VAAS	Post-VAAS	Savings	% change
Load	2,302.26	1,926.99	375.27	-16.3%
Solar PV	479.67	479.67	-	0.0%
Grid Supply	1,822.59	1,447.32	375.27	-20.6%
Total	2,302.26	1,926.99	375.27	-16.3%



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