

business case for guaranteed energy savings

Most energy users are using more energy than they need to simply because their supply voltage is higher than it should be. Local grid voltages are on average high, and variable. In fact, Australia wide the average LV supply voltage is 247 Volts.

Energy Guard is a unique patented solution for voltage optimisation from **VAASCO Group**, which reduces and stabilizes the voltage in real time, to equipment nameplate levels.

For most loads, the load power varies as the square of voltage. So by reducing the voltage to the nameplate level for equipment (220 V), energy bills (for LV and HV users) will be reduced significantly.

The unique, patented voltage optimization (VO) solution reduces overall power consumption of electrical loads by dynamically reducing the voltage. Expected energy savings are typically in the range of 12% - 15% or more.

The solution may be deployed as a managed service (Voltage as a Service (VAAS)TM). This is an off balance sheet solution requiring no capital investment by customers, and savings are shared with **VAASCO Group**. Customers often buy **Energy Guard** solutions outright, in order to capture all financial benefits.

Energy Guard service solutions are available from **VAASCO Group** providing structured fleet deals for larger corporate accounts. During the term of the service, the energy savings would exceed the annual performance fee costs, delivering a cash flow positive solution for the customer.

VAASCO Group provides a performance guarantee, for 100% of the proposed energy savings (kWh). Accordingly, **VAASCO Group** underwrites the business case across fleet installations in Australia, New Zealand, Europe, North America and many APAC countries.

About us **VAASCO Group** is an energy services specialist for Australian commercial and industrial customers, committed to deliver an **ENERGY TRANSFORMATION PROGRAM (ETP)**.

Contact **Account Manager**