

Your 4 simple steps to saving energy



Call or email us for an appointment to learn more, we will work with you to calculate:

1. Your highest maximum demand in kW or kVA in the last year for each incoming supply to your site.
2. Your total kWh consumption for the last year for each incoming supply.
3. Your total electricity cost ex GST or cents per kWh rate.

We will present you a provisional cost/value page for your review showing costs, expected savings, ROI, payback period.

If you like the cost benefits and environmental benefits, we will Voltage Log your incoming supply to record your voltage profile

Our voltage logger simply plugs into a standard 3-pin power point.

Every site is different, and with the voltage logger data we will be able to provide an accurate estimated saving for your site.

When estimating savings, we consider if your site has energy efficient equipment which may impact the savings.



Your voltage graph has confirmed the opportunity to optimise – we need to survey your site

Our free and easy evaluation is there to show you, without any obligation, the fixed costs and guaranteed value of an Exact Energy Australia installation. The whole process is completely confidential, with each and every step giving a clear indication of exactly how Exact Energy Australia can help you, whatever your carbon reduction and energy saving goals.

Nothing in this process is hidden - we use your data, show how we have calculated the savings and most importantly, by the last step, we are in a position to guarantee you 80% of the predicted ROI. In the extremely unlikely case that we do fall short, we will rebate your savings to reach the 80%.

Installation

Electrical contractors will undertake pre-works prior to installation to keep the shut down time to a minimum. Pre-shutdown preparation time varies with the size of the unit and will take anything from 1hr upwards.

At the agreed time, the electrical contractor will interrupt the supply to the site and install the E-Four VPO as quickly as possible. 30 mins to 5 hours downtime is normal and mobile generation can be provided for critical sites.

Our Engineering Department ensure all electrical work completed by contractors is of the highest quality and compliant with AS3000.

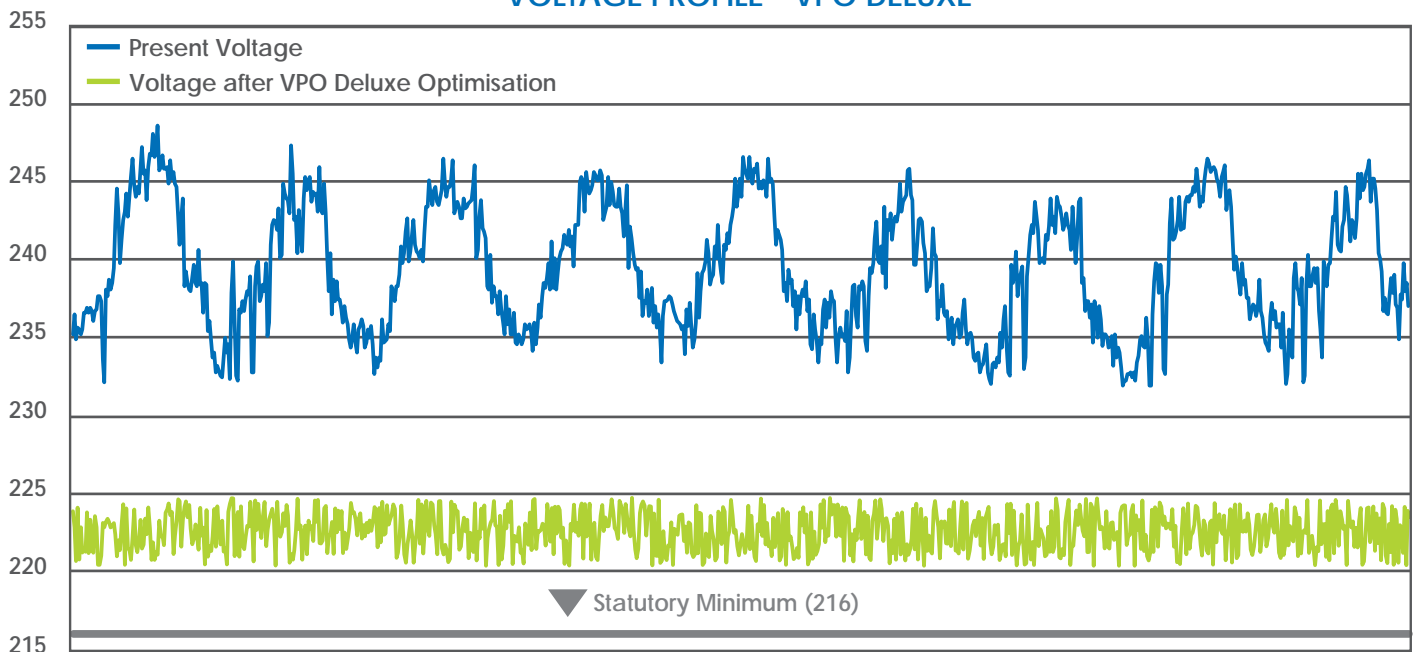


Important features of the E-Four VPO Deluxe

- The technology ensures your equipment receives efficient voltage regardless of the voltage supplied by the grid
- Output voltage with VPO Deluxe is confined to a restricted band
- Exact Energy's VPO Deluxe has the ability to select its own optimisation settings in response to fluctuations in the level of supply voltage. It is also able to correct under-voltage to ensure your site receives an optimised supply at all times. Optimisation settings are selected by means of a patented computer interface control module, which ensures rapid, noise-free switching and complete reliability to optimise power supply to match power demand. An authorised user can adjust the supply voltage online and onload through the unit's user interface which can easily interface with a BMS or other control system.

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VOLTAGE PROFILE - VPO DELUXE



The voltage profile (above) shows this site has extreme fluctuating incoming voltages ranging from 232V to 247V. The VPO Deluxe provides a solution which not only achieves energy savings but also dynamically controls the voltage. After VPO Deluxe Optimisation, the site illustrated now has a stable voltage profile. The technology has been designed to deal with instantaneous load increases that may reduce voltage suddenly.

Construction and Manufacturing Materials

Each E-Four unit is hand made by specialist craftsmen. The construction material is crucial to its efficiency. Our windings are wide sheets of copper which are 'cold rolled' - a process which is uniquely Japanese and recognised as an advanced manufacturing innovation. High purity copper has been available for many years but innovations in Japan and the manufacturing process allow the unit to have very little impedance. As the unit has no moving parts, there is no need to cool it - so there is no fan or cooling device built into the unit or attached, which you will find with other sub optimal energy saving technologies. The magnetic core of the unit is constructed from flaked silicon steel and buried in an epoxy. These design features are critical to ensuring the unit achieves its 99.9% efficiency from 15% loading. Our technology is subject to various patents and cannot be replicated.



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