



# ERM Power App

## ERM Power app – a platform for managing demand

The ERM Power app prompts you to adjust your organisation's energy usage when it counts, so you can make simpler, smarter choices about your energy costs.

## Manage your consumption to avoid costly demand charges

The demand management function of the app notifies you in advance of high energy demand events so you can act to reduce or avoid costly network demand charges.

By using near real time energy usage data, predictive modelling based on weather information and historical usage patterns for your metering points, the app is able to forecast high demand events and provide you with information that could save you avoidable demand charges. ^

Based on your network tariff, we will work with you to define demand alert rules for your site.

Depending on your tariff type, the app will estimate the cost avoided from taking action to reduce energy consumption or the estimated costs incurred from breaching a critical threshold.

MONITOR AND CONTROL  
YOUR ORGANISATION'S  
ENERGY MORE EFFECTIVELY

REDUCE OR AVOID COSTLY  
NETWORK DEMAND CHARGES  
THROUGH ENERGY DATA  
INTELLIGENCE^

## Why choose us?

As Australia's largest business-only energy retailer, we are the smart choice to help your organisation better manage its energy in today's dynamic environment.

We take a holistic view of your organisation's energy usage and needs, from electricity procurement and proactive account management through to recommending the right mix of energy solutions to make the most of every kilowatt.

Our range of energy solutions extends from demand management to lighting upgrades, Energy Management Software, Solar PV, Network Tariff Optimisation, Power Factor Correction and other smart technologies.

Consult with our energy efficiency experts to tailor an energy management plan for your organisation.

## Why it's important to manage demand charges

Network demand charges can make up a significant proportion of your organisations' electricity bill – for some customers they can account for up to 40%.

Demand charges are set by the electricity network operator and are based on the maximum energy your organisation uses at a specific time (demand), rather than the total amount of electricity used over the entire month.

If your organisation's network tariff includes demand charges, these will be calculated on the organisation's highest demand during any 30-minute interval throughout the billing period.

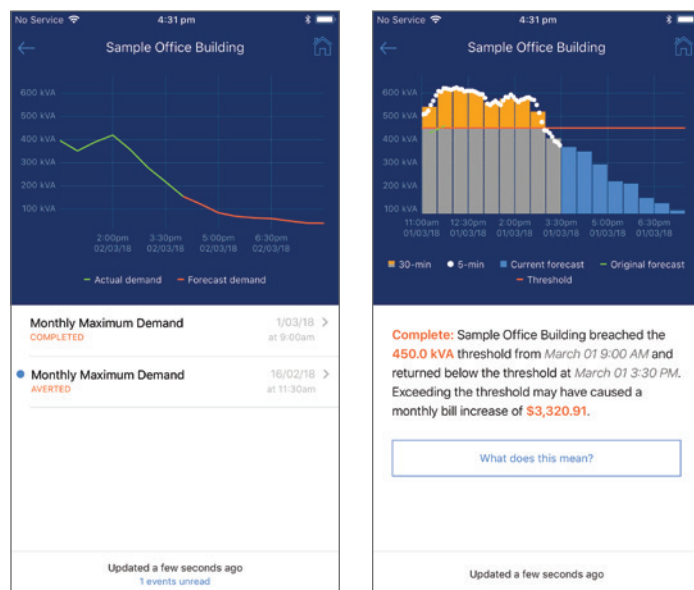
Regardless of when or how often this is reached, even if only for a single interval, the network operator's charge will be based on this 'peak demand' for the full billing period.

Depending on the tariff, this can be up to a whole year, which can have a huge impact on your electricity costs so it's important to closely monitor demand to avoid the associated bill shock.

The demand management function of the ERM Power app uses cutting-edge analytics that evaluate the structure of your organisation's network tariff to determine the critical thresholds that drive network demand charges during a billing cycle. A customised prediction model for your organisation is created based on localised weather temperature patterns and your organisation's past electricity usage.

With this data the app projects your organisation's demand in four-hour cycles, alerting you if it predicts a spike in demand. This alert gives your organisation the time needed to take action that could avoid high demand charges.

The app even allows you to monitor which changes best reduce demand. In each instance it analyses and notifies you of the estimated cost of either exceeding or avoiding the energy demand threshold based on your demand trajectory.



## The ERM Power app is a platform that helps you to:

- See your organisation's energy data in near real-time
- Understand when the demand on energy is greatest
- Adjust behaviours to keep energy usage below the peak demand threshold
- See how much you can save by adjusting energy consumption behaviours

^ Only available to ERM Power Customers with certain meter and tariff types. The ERM Power app makes predictions regarding your energy usage that may help you to take action to reduce your energy costs. Predictions are based on weather forecast information and meter data provided by third-party providers, and predictive models created using your historical patterns of energy usage. Forecasts are modelled on historical meter data and alerts are based on unvalidated near real-time data. The accuracy and timeliness of data provided by third-parties, changes to the patterns of energy usage at your site, or errors in the predictive models we have generated may impact the accuracy and timeliness of notifications sent by the ERM Power app service and the information presented within the ERM Power app mobile application. Third party metering data charges may apply.

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