



Are You Looking for Ways to Save Your Business Money?



Is your business on the best energy rate available?

Taking the time to review your bill will help you identify what your business is being charged for energy and where you can make the most savings.



Call or email your provider for more advice

Do you know what tariff your business is on?

In the world of energy, a tariff is simply the price you're charged for the energy you use. Tariffs vary and depend on the type of meter you have, the how much energy you use and who your distributor is.

Your tariff is the amount charged for providing energy under your contract.

Are you on the best available rates:

For Small Sites (<100MWh p.a) head over to energymadeeasy.gov.au

For Large sites (>100MWh p.a.) negotiate a better deal or consider alternative procurement options such as a Renewable PPA or progressive purchasing. Seek expert advice before making a commitment. more information on PPAs can be found at [//businessrenewables.org.au/](http://businessrenewables.org.au/)



Understanding tariff and fees

www.aer.gov.au/consumers/my-energy-bill/tariff-and-fees-explained



Make sure you are on the best network tariff

www.ausgrid.com.au/Industry/Regulation/Network-prices



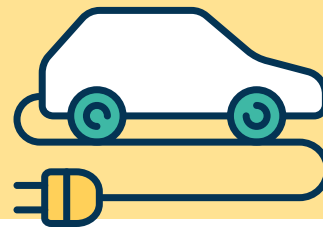
Speak to an energy management consultant

energy.nsw.gov.au



Consider combining your load with a business buying group to get better economies of scale.

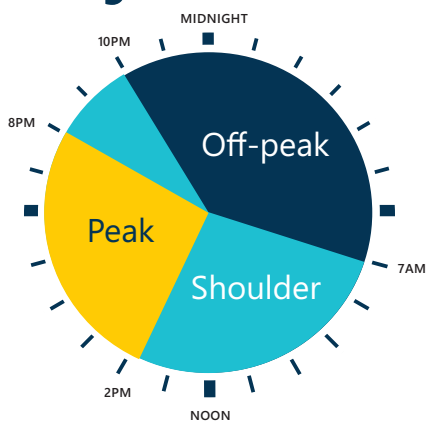
www.energy.gov.au/business/large-businesses/energy-procurement/retail-procurement-options



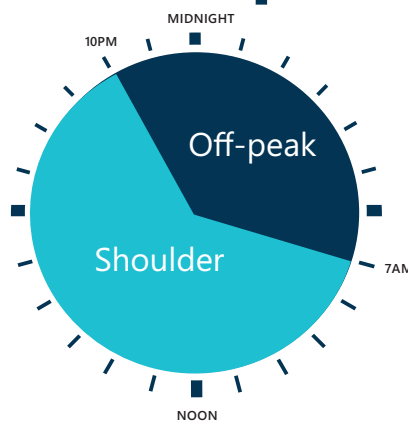
Review your bills; sometimes retailers make **mistakes!**



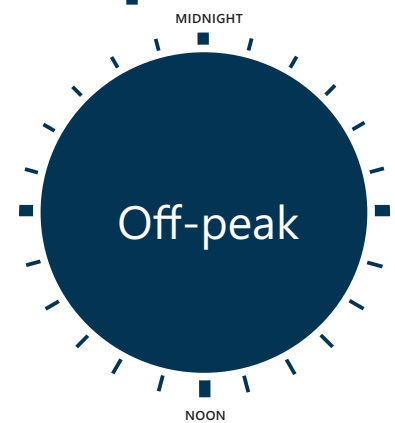
Do you know when the cheapest times to operate are?



Summer and Winter weekdays



Spring and Autumn weekdays



Weekends and public holidays

1. By shifting when you use energy, you can save money by taking advantage of cheaper shoulder or off-peak periods. If you have a capacity or demand charge (kVA or kW) on your bill, minimise usage and sudden power spikes during peak periods;
 - E.g. 1 Rather than start all your motors or pumps at once, stage them.
 - E.g. 2 Move your high energy using equipment to shoulder or off-peak times.

2. Demand charges stick with you for 12 months, which means one slip up will cost you for a full year!

3. Ask your retailer to apply to reset your demand charge! If you've made some energy efficiency or demand management changes (like above), you may be able to reset your demand charge before the 12-month mark. If you have had a "one off" incident causing an increased demand charge, you may also be entitled to a demand charge reset.
4. For Large Sites, consider participating in demand response programs that pay you to turn off certain equipment during times of high demand on the grid.

Visit energy.nsw.gov.au

Have you considered these energy saving solutions?



Lighting

- Upgrade your lights to LED
- Use daylight sensors, occupancy sensors or a building management system to appropriately control lighting

HVAC = (Heating, Ventilation & Air Conditioning)

- Ensure spaces with different air conditioning requirements are sealed off from each other
- Ensure all windows and doors are well sealed
- Heating < 21 degrees cooling > 23 degrees
- In small spaces use efficient split system units
- For moderate to large spaces use efficient ducted package units
- For very large spaces a bespoke HVAC system design may be required

Building fabric

- Insulate walls, roofs and subfloor spaces
- Use high efficiency windows e.g thermally broken window frames and double glazing
- Avoid thermal bridges in construction

Refrigeration

- Replace older, less efficient models use only high efficiency units
- Regularly maintain broken seals and de-ice
- Consolidate refrigeration units where possible

Pumping and fans

- Appropriately size units for the task
- Utilise variable speed drives instead of throttling
- Minimise pipe and ducting losses by making runs as smooth as possible

Solar

- Install an appropriately sized solar system to maximise self-consumption
- Consider batteries, in certain circumstances batteries can be cost effective



Capture data to capture even more savings!

- Install a smart meter to help you understand when you use your energy
- Install submeters on large sites to understand where energy is being used
- For industrial processes ensure all appropriate data points are collected and monitored.



Undertake an Energy Management Course

Visit the NSW Energy Saver website to find out more
energysaver.nsw.gov.au/