



6 WAYS TO CUT LOOSE

FROM THE COST OF ELECTRICITY

**Take Control of
your Energy Bill**



Everyone is looking for ways to save on electricity, even with a solar system installed.



It's a matter of making sure that as much of the energy you generate or pay for is used with the greatest efficiency throughout your home or business.



To minimise the risk of having to buy any more energy from the grid than you absolutely must, follow these six steps, reign in every dollar and every part per million of greenhouse emissions.



1. Standby Power

The dim glow of light coming at you from the air conditioning unit as you cross the midnight floor is the signal to let you know that while you're not heating or cooling the room, you're still dropping cash to keep it on.

Everything uses energy if it's turned on in some way shape or form. Throughout your entire home and business whatever is plugged in is quietly drawing power, even when not in use. Your TV, stereo, gaming consoles, washing machine, dishwasher, microwave, fully charged yet still plugged in laptop, all drawing phantom power at different rates depending on their degree of technological complexity. While the overall cost won't send you bankrupt, cutting off the energy supply to things you are not using for lengths of time means you are saving your energy for places where you really need it and cutting your portion from the \$860 million spent on standby power in Australia each year.*

*carbonTRACK

2. Energy Ratings

Allowing you to make an informed purchase at the point of sale, energy-rating labels on appliances enable you to understand how much juice it's going to take to run a particular item. This doesn't only mean that you can invest in more energy-efficient products, it also gives you the information you need to run the least energy-efficient items in your home at times when it will cost you less to do so, for example, during peak solar energy generating times.

The labels describe annual energy consumption based on average use. This means that a Perth summer may push your air conditioner through a higher set of paces and is worth remembering when choosing between brands.

It is not mandatory for every appliance available on the market to have an energy rating label applied so do your research into the general energy efficiency of particular items before you set out to buy. Also, check your old items and consider an upgrade. You would be amazed at how much energy something as innocuous as an old hairdryer or toaster uses.



Choose the right appliances

3. Hot Water

Second only to temperature control in terms of cost, electric hot water systems contribute to around 25% of your overall energy bill. First and foremost, the most efficient way to save on this cost is to use a system that draws heat to the water without needing to use so much electricity.

A heat pump water heater draws heat from the air that surrounds it and transfers this heat into the water tank, even in temperatures as low as 7 degrees! You can save over 70% on heating your hot water using a heat pump and enjoy a generous government rebate that comes off the purchase price of your system. Combine this with a solar system to boost the savings even further. With average household electricity bills at around \$600 per quarter and a 25+ year lifespan on solar, you could be looking at around \$15,000 saved over the lifetime of your system!



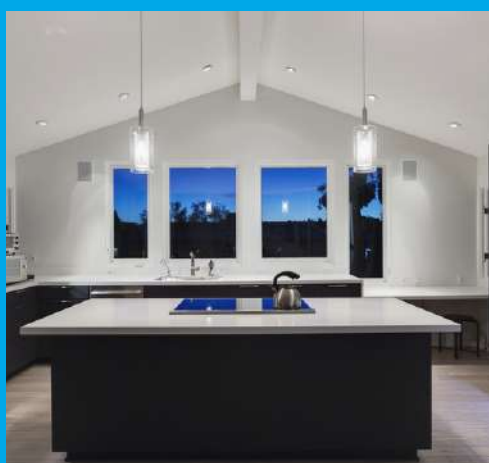
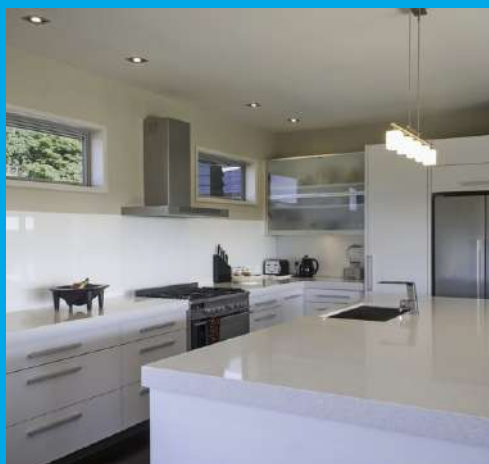
6 WAYS TO CUT LOOSE FROM THE COST OF ELECTRICITY
Take Control of your Energy Bill



4. Air Conditioning

The reason why star energy ratings in construction continue to tighten over many years is because temperature control is the biggest contributor to fossil fuel emissions within the home. On a commercial scale, and outside of industrial production, it also accounts for an enormous drain on electricity, which draws down big on your revenue.

To keep heating and cooling costs to their absolute minimum, set your air conditioner to 24 degrees, remembering to turn fan speeds down once the temperature has been reached. If you are in an older home, make sure your insulation is in good order as a refresh is recommended every 15-20 years. Windows need to be properly sealed and draughts under doors controlled. In the heat of the day draw your curtains while remembering to periodically check all filters in the unit so it's working with the efficiency of an Olympic athlete and not the Michelin man.



5. LED Lighting

Every way you turn it, LED lighting is more environmentally friendly than the traditional fluoro and incandescent friends of old. They are 80% more energy efficient, 100% recyclable, entirely bereft of harsh chemicals and UV rays and are longerlasting. Add it all together and you save on energy as well as the environmental impacts of production. When running your solar system, the more energy you save in areas of your home like lighting, the more you have available to feed to your big-ticket items like your air conditioning or a pool pump.

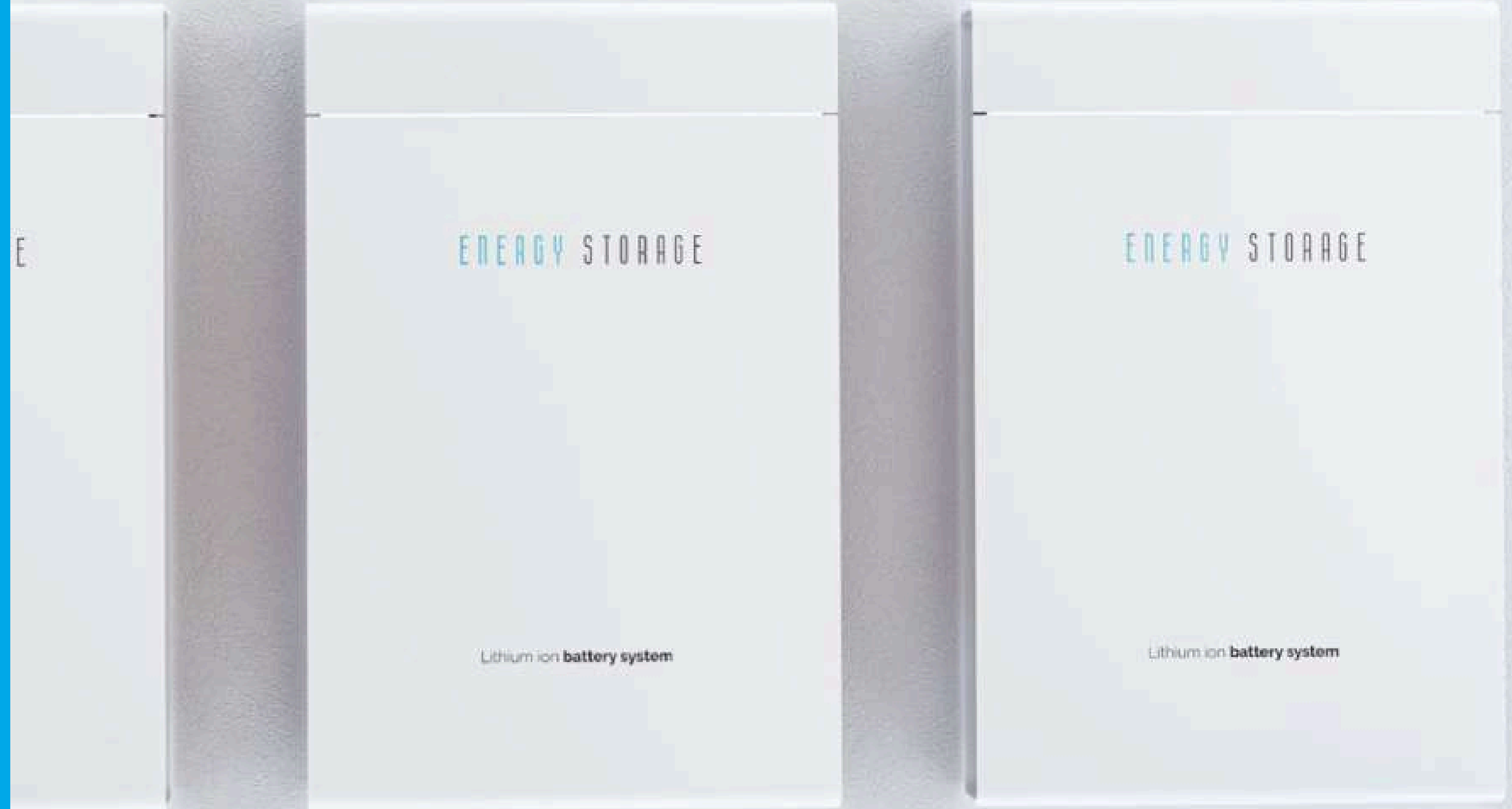
6 WAYS TO CUT LOOSE FROM THE COST OF ELECTRICITY
Take Control of your Energy Bill



6. Battery Storage

The greatest cost savings in energy come from leveraging your freedom from the grid to its fullest extent. Find your way to zero energy bills with solar system battery storage.

During energy-producing hours, your solar system inverter will convert the DC current collected via the panels into AC current for use throughout your home or business. In the event that more energy is generated than used, you have two options around what to do with it. First, in a residential setting, you can sell the energy back to your electricity retailer for a credit on your energy bill. Alternatively, for home and business, you can store the energy in a battery backup system for use when your solar panels are not producing, e.g. at night. Depending on the size of your system, you can all but razor your energy bill down to zero.



6 WAYS TO CUT LOOSE FROM THE COST OF ELECTRICITY

Take Control of your Energy Bill

Naked Energy - We Hide Nothing

Set yourself free from one of the most expensive energy grids in the world with solar.

Whether for home or business, true energy efficiency centres around building self-managed control over how your electricity is generated and what you decide to do with it. At Naked Energy, we design energy solutions that are tailored to successfully grow your return on investment for 25+ years as energy prices continue to rise in the retail market. Whether you require consultancy, project management or installation of hybrid energy-efficient systems, our complete solution is available for commercial, utility, mining, residential and large scale projects.

We can help you with your Commercial, Residential or Off Grid Solar Systems, Hot Water Systems, Water Filtration Systems, Embedded Networks, EV Chargers, or Electrical Maintenance. Simply get in touch to learn how our 15 years plus in the renewable energy sector can support your switch.





Nakedenergy
We hide nothing

P: (08) 9468 8137

E: support@nakedenergy.com.au

W: www.nakedenergy.com.au

FB: Naked Energy