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**PYRAMID POWER GROUP PTY LTD T/A  
PYRAMID POWER**

**ABN: 22 116 068 814**

# **7.48kW SOLAR SYSTEM**

## **WITH 6.4kWh BATTERY STORAGE**



### **ADDRESSED TO:**

Eden Community Pantry

[0410225657](tel:0410225657)

[pskelton@exemail.com.au](mailto:pskelton@exemail.com.au)

20 Chandos St  
Eden NSW 2551

Prepared by STEPHEN GARRETT on 20th March 2025

Last updated on 20th March 2025

**Offer valid until 19th April 2025**

Reference #: PYR-0202-2594-1

### **CONTACT**

#### **Address**

PYRAMID POWER  
35 Redfern Close  
SOUTH PAMBULA NSW 2549

#### **Phone**

Mobile: 0410047122  
Office: 1300 660 553

#### **Online**

Email:

[stephen@pyramidpower.com.au](mailto:stephen@pyramidpower.com.au)

Website:

<https://www.pyramidpower.com.au>



**Powerwall**  
Certified Installer



## PROPOSED PANEL LAYOUT

20 Chandos St  
Eden NSW 2551

## **PYRAMID POWER**

### **THE ORIGINAL LOCAL SOLAR ENERGY COMPANY**

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Pyramid Power is a pioneer in designing, installing, implementing and maintaining clean energy systems. Over the last 36 years, our teams have assisted individuals, communities and businesses in realising clean energy savings and environmentally friendly benefits.



## SYSTEM DETAILS

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Your custom design

### System size<sup>1</sup>

7.48 kW<sub>DC</sub> (STC)

### Estimated annual production<sup>2</sup>

10,194 kWh

### System efficiency<sup>3</sup>

92%

### Solar panel

17 × 440W Jinko Solar Tiger Neo · JKM440N-54HL4R-B  
1,762 × 1,134 mm · Monocrystalline · [Datasheet](#) · [Warranty](#)

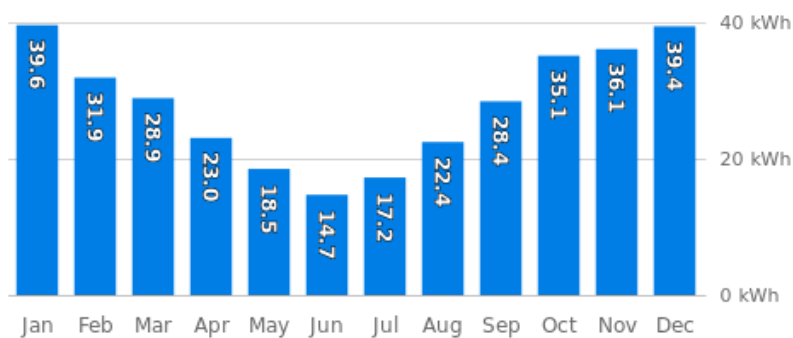
### Battery storage<sup>4</sup>

1 × Sungrow SBR064 · 6.4kWh  
625 × 545 × 30 mm · 6.4kWh usable · LiFePO4 · [Datasheet](#) · [Manual](#) · [Warranty](#) · [Safety](#)

## DAILY PRODUCTION PER MONTH

–

How much electricity will my system generate per day, on average?



## UTILITY COSTS

–

Average monthly bill

### BEFORE SOLAR

\$259.81

### WITH SOLAR

\$80.90 ↓ 69%

First year average

Annual bill

\$3,117.69

\$970.85 ↓ 69%

Estimated annual savings \$2,146.84

## INCLUDED SERVICES

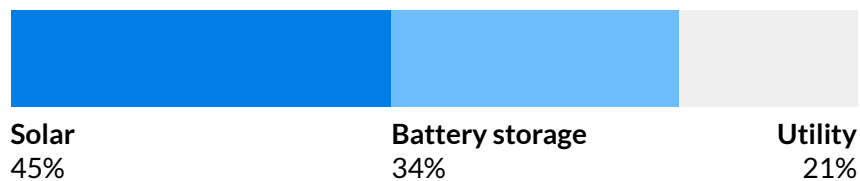
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### Warranty & Repair Services

A 10 year workmanship warranty applies to this solar system installation. For other warranty information refer to the Warranty section below.

## ENERGY BALANCE

Where will your power come from?



## SELF-CONSUMPTION

How much of your solar power will be consumed on-site. More is better.

### SOLAR ONLY

27%

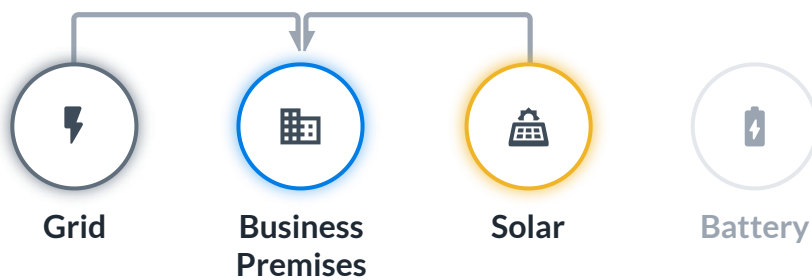
### WITH STORAGE

48% ↑ 21%

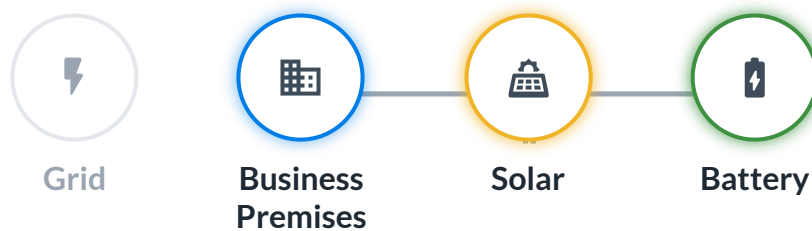
## BATTERY PERFORMANCE<sup>4</sup>

How will you make the most of your battery storage?

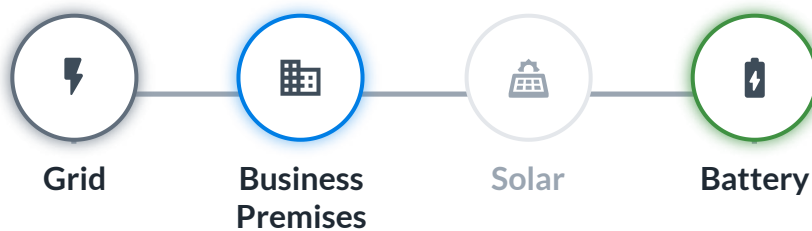
### Morning



### Afternoon



### Night



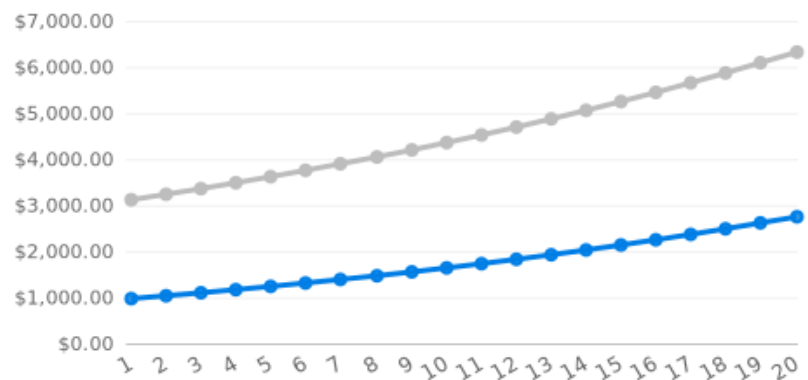
# FINANCIAL ANALYSIS

Your historical electricity bills were used to help size your solar system. Based upon the system size suggested, the expected electricity bill savings over a 20 year period are provided below.

In addition, the first-year electricity bill savings you can expect are provided together with a chart of the monthly solar system output you can expect.

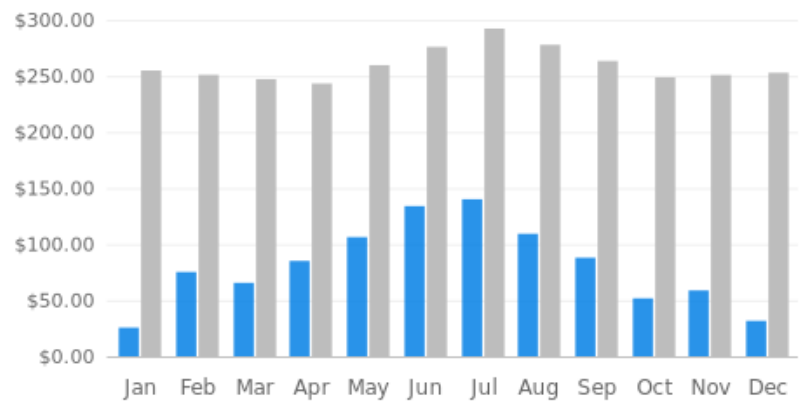
## ANNUAL ELECTRICITY BILL OVER TIME<sup>5</sup>

- Electricity bill without solar
- Electricity bill with solar



## MONTHLY ELECTRICITY BILL COMPARISON<sup>5</sup>

- Electricity bill without solar
- Electricity bill with solar



# QUOTE



To	Eden Community Pantry <a href="tel:0410225657">0410225657</a> <a href="mailto:pskelton@exemail.com.au">pskelton@exemail.com.au</a>	From	<b>PYRAMID POWER GROUP PTY LTD</b> ABN: 22 116 068 814 35 Redfern Close SOUTH PAMBULA NSW 2549
Address	20 Chandos St Eden NSW 2551		
Reference #	PYR-0202-2594-1		
Prepared on	20th March 2025		
Est. install date	19th Apr 2025		
Expiry date	19th Apr 2025		

Description	Quantity	Price	Total
7.48kW Solar system with 6.4kWh battery storage		\$17,778.00	\$17,778.00
		Subtotal incl. GST	\$17,778.00
		Included GST	\$1,616.18
		53 STCs <sup>6</sup> × \$35.00	-\$1,855.00
		515 PRCs <sup>7</sup> × \$1.80	-\$927.00
		<b>Total incl. GST</b>	<b>\$14,996.00</b>

## ACCEPTANCE

– Please sign and return to PYRAMID POWER GROUP PTY LTD. Be sure to keep a copy for your own records. A 20% (\$2,999.20) deposit is required to initiate the process. **Offer valid until 19th Apr 2025**

## PAYMENT

–	<b>Bank account</b>  BSB: 633000 Account no. 145056834 Pyramid Power Group  Bendigo Bank  Reference #: PYR-0202-2594-1	<b>Client Name</b>      <b>Client Signature</b>
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## ASSUMPTIONS AND DISCLAIMER

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<sup>1</sup> The Standard Test Condition rating (STC) assumes a standard set of optimal operating conditions (25°C cell temperature, 1000 W/m<sup>2</sup> and an air mass of 1.5). The STC rating is most often used by manufacturers to classify the power output of PV modules. To calculate the system's energy production for any future year, the expected degradation in system performance is included (See "PV degradation", in table below).

<sup>2</sup> Energy Output is calculated based on historical solar irradiance at the given location. A typical meteorological year is selected using statistical methods. Factors including panel tilt, orientation (azimuth), and system efficiency are taken into account.

<sup>3</sup> System efficiency is estimated to account for losses caused by a variety of factors. These factors include intermittent shading, cable losses, dirt, scheduled downtime, manufacturer tolerances, inverter efficiency for DC to AC (this does not affect off-grid DC only systems), battery round trip efficiency, and other factors.

<sup>4</sup> Battery storage devices may not always provide Back-up, Grid Islanding or Uninterruptible Power Supply (UPS) capabilities.

<sup>5</sup> Utility electricity price inflation is adjusted based on the given location. (Figures from NATIONAL ELECTRICITY FORECASTING REPORT June 2016 by AEMO.)

<sup>6</sup> Australian Small-scale Technology Certificates (STCs) are an incentive provided under the Renewable Energy Target. One certificate is equal to one megawatt hour of eligible renewable electricity either generated or displaced by the installed system. [ONLINE] Read more at: <http://www.cleanenergyregulator.gov.au/RET/Scheme-participants-and-industry/Agents-and-installers/Small-scale-technology-certificates>.

<sup>7</sup> Peak Reduction Certificates (PRCs) are an incentive aimed at reducing energy demand during peak hours. One certificate represents 0.1 kilowatt-hour (kWh) of peak demand reduction capacity. [ONLINE] Read more at: <https://www.energysustainabilityschemes.nsw.gov.au/pdrs/peak-reduction-certificates>.

**Note** The system design may change based on a detailed site audit. Estimated savings are based on past electrical usage and utility rates provided by the customer where applicable. Actual system production and savings will vary based on final system design, configuration, utility rates, applicable subsidies and your energy usage post-solar installation. Utility rates, charges and fee structures imposed by your utility are not affected by this proposal and are subject to change in the future at the discretion of your utility. The production calculations in this report are based on historical climate data for the site location and represent typical estimates of future solar production.

**System end-of-life** This system's lifetime expectancy is outlined in the Warranty section below. System removal at end-of-life may incur additional costs. Please contact us for more information on System End-of-life Disposal Services.

**System portability** This system has been designed for and is intended to be permanently fixed to the property as shown in the Proposed Panel Layout section above. It is not portable and should not be moved without a professional. Please contact us if you would like to modify the location of your installed solar system.



## WARRANTY

Product	Type	Standard warranty	Downloads
Jinko Solar Tiger Neo JKM440N-54HL4R-B 440W	Solar panel	25 years product, 30 years performance	<a href="#">Warranty file</a>
Sungrow SBR064 6.4kWh	Battery	10 years	<a href="#">Warranty file</a>

System component warranties are different from the system lifetime. Please see the Assumed Values page.

Pyramid Power Group provides a limited 120-month warranty on all installation workmanship from the installation date. Pyramid Power Group takes no responsibility for any work or alterations carried out on the PV System by any other company or individual after the initial installation of the PV System.

To ensure limited warranty compliance, only a recognised employee of Pyramid Power Company or a fully qualified authorised electrician with the prior written approval of Pyramid Power should carry out any maintenance, repairs or checks on the PV system. If an unauthorised individual, company or authority interferes or in any way changes the PV system installation, Pyramid Power will not be held responsible for the system from that date onwards, and the warranty will be deemed invalid.

## WARRANTY

## MANUFACTURERS

Product	Manufacturer	Contact	Address
Jinko Solar Tiger Neo JKM440N-54HL4R-B	JINKO SOLAR AUSTRALIA HOLDINGS CO. PTY LTD ABN: 93 154 662 889	cs@jinkosolar.com +61 1300 326 182	Level 2/152 Marsden Street Parramatta NSW 2150
Sungrow SBR064	Sungrow Australia Group Pty Ltd ABN: 76 168 258 679	service@sungrowpower.com.au +61 1800 786 476	Suite 1703/99 Mount Street North Sydney NSW 2060

# Thinking of getting a battery?

Things to consider when offered a battery through the NSW Government's Peak Demand Reduction Scheme

Things to  
consider



## What is the Peak Demand Reduction Scheme?

The Peak Demand Reduction Scheme (PDRS) is a NSW Government initiative to help reduce electricity demand during peak times, like on hot summer days, by encouraging households and organisations to invest in demand reduction solutions.

The scheme provides incentives for accredited businesses to provide your household or small business with a battery at a reduced cost. Participation in the PDRS is voluntary.



## How you get the benefits

The PDRS can make it more affordable to install a battery and help you maximise the benefits from your rooftop solar system. The battery stores solar energy, which you can then use at times of high electricity demand instead of grid electricity.

By installing a battery under the PDRS you can save money on your energy bills in the long term. You could also receive additional incentives if you sign your battery up to a demand response contract (also known as a Virtual Power Plant or VPP).

The scheme enables accredited businesses to create certificates from peak demand reduction that will occur as a result of your battery installation. The accredited business can sell these certificates and use a portion of their value to lower your installation cost. You will typically deal with installers associated with these accredited businesses.

The NSW Government does not give a rebate, set the price of the equipment, installation or certificates, or endorse products offered under the scheme.



## What you need to do

### 1. Use an accredited business.

You can find an up-to-date list of businesses that can offer battery activities under the PDRS on IPART's [Who can help with energy upgrades](#) webpage. You're not required to use a particular business or install a battery under the PDRS, and an accredited business is not obliged to provide a service to you. We recommend you shop around to find the best deal possible on a battery to meet your needs.

### 2. Pay at least the minimum payment.

The scheme requires that you pay a minimum payment of at least \$200 towards the cost of products, their installation and other related work at your property – see IPART's [Households and small businesses](#) page for details. Due to the high cost of batteries you will likely need to pay significantly more than the minimum payment.

### 3. Sign a nomination form (paper or digital) before installation and a declaration after installation.

Note: You may be contacted by an auditor to confirm details of your installation. By assisting the auditor you can help maintain the integrity of the scheme.

## Before deciding on a battery installation be sure to:

1. Determine if a battery is right for you by assessing your current and future energy needs. Remember if you also sign a demand response contract for your battery, less energy may be available for your use. To understand key information about batteries and what is best for your situation visit the NSW Energy [Guide to owning a battery](#). If you are a tenant you will need to get permission from your landlord before installing a battery.
2. Understand battery safety risks including overheating and fire. Think about where to locate your battery to manage safety risks (see NSW Energy's [Installation checklist](#)).
3. Discuss the equipment being offered and confirm it will meet your needs. The cheapest offer may not be the best value for you, so be sure to get multiple quotes to get the best product for your needs. An onsite inspection can help confirm the battery will meet your needs.
4. Know who is involved in the installation. They must hold the correct licences, have clear photo identification and provide detailed information about the proposed installation. The installer should also identify the accredited business they are working with to install the battery. Keep their details – you might need them later.
5. Check warranty details – consider battery warranty length, what it covers, and whether the battery supplier has appropriate aftersales service, spare parts, geographical coverage, and warranty provisions to match any stated product warranty it offers. Normal consumer rights and warranties apply, but the PDRS does not provide additional rights and warranties.
6. Carefully consider any agreement you are asked to sign in the same way you would for any other contract for work at your property (see IPART's [Things you should consider](#) page).

# Frequently Asked Questions

## Who can install a battery under the PDRS?

Only accredited businesses and their representatives can offer battery installations under the PDRS. IPART accredits businesses to create certificates from battery installations under the PDRS.

An accredited business may offer battery installs under the PDRS or it may contract the work to third party installers, such as electricians. Accredited businesses and their representatives are not employees or representatives of the NSW Government.

A list of accredited businesses and the activities they are accredited to deliver is available on IPART's website: Who can help with energy upgrades. We recommend you shop around for a product/service that best meets your needs. Accredited businesses can provide more information on the specific products and services they deliver and the locations they service.

## Are rebates available through the PDRS?

No, the PDRS is a certificate trading scheme that does not give direct rebates. Instead, accredited businesses may create certificates for the peak demand reduction that arises from the work they deliver. They can then sell those certificates and may use some of the revenue they get from that sale to offer their customers batteries at a lower price.

## How much will the battery installation cost?

The accredited business or installer will tell you what your installation will cost. The scheme makes it possible for you to get a battery at a lower price. As explained above, you need to pay a minimum amount of \$200 towards the cost of the installation. For batteries you are likely to need to pay significantly more than the minimum amount. We recommend shopping around to get the best deal possible.

The minimum payment may cover the costs of products, installation, site assessment or other related works carried out at your property. The accredited business or its representatives should not complete the installation unless you have paid the minimum amount. The minimum payment cannot be reimbursed to you in any form.

## Why do I need to sign a nomination form?

By signing a nomination form you give the accredited business the right to create certificates from your installation. They can then sell these certificates, which allows them to offer the battery at a lower price. They can't create certificates without this form.

Only one accredited business can be nominated for a particular installation and the nomination must be made before the battery is installed.

## Who can I contact if I have concerns?

Make sure you know who your accredited business is and have their details handy. You should take all due care to ensure the installation being done at your property meets your needs. Treat the installation the same way you would approach working with any other contractor who has access to your property.

If you are not happy with the quality of work, or require more information, speak to your accredited business or installer first.

If you're unable to resolve the problem, NSW Fair Trading or Building Commission NSW may be able to assist. NSW Fair Trading investigates unfair business practices and ensures that products sold in NSW are safe and meet regulations and safety standards. More information about your rights as a consumer, tips for resolving consumer disputes, and how you can make a complaint is available at [www.fairtrading.nsw.gov.au](http://www.fairtrading.nsw.gov.au).

Building Commission NSW licenses tradespeople such as electricians and plumbers and is responsible for the regulation of laws that apply to them. The Building Commission may be able to assist if you have concerns about the work of licensed tradespeople or unlicensed work.

If you are concerned the accredited business or its representative has not complied with PDRS requirements or they're not responding to your enquiries, you can contact us at [ESS.Compliance@ipart.nsw.gov.au](mailto:ESS.Compliance@ipart.nsw.gov.au).

## Where can I find more information?

First, you should contact the accredited business for more information on the products and services they offer including associated costs.

Visit NSW Climate and Action for more information about installing a battery under the PDRS and installation resources.

See IPART's Energy Sustainability Schemes for:

- general details about the scheme
- information for households and small businesses
- answers to frequently asked questions.

Note: IPART accredits businesses to create certificates. We don't license tradespersons or regulate safety or consumer rights, which are Building Commission NSW and NSW Fair Trading functions.

Get the online version of this fact sheet with active links by searching 'PDRS BESS1 Fact Sheet' in your web browser.