

7 EASY STEPS FOR RESIDENTIAL SOLAR IN NOOSA

Rooftop solar provides many benefits for households, it makes great sense financially and environmentally, so here are some guides, tips and a checklist to help with your decision to install a solar photovoltaic (PV) system.

WEBSITES AND GUIDES

- **ZERO EMISSIONS NOOSA**
www.zeroemissionsnoosa.com.au
- **THE CLEAN ENERGY COUNCIL (CEC)**
Guide to Installing Solar PV for Business and Industry assets.
www.cleanenergycouncil.org.au/documents/consumers/solar-guide-for-business.pdf
- **AUSTRALIAN ENERGY FOUNDATION**
www.aef.com.au/councils/qld/noosa/
- **SOLAR QUOTES**
Solar for Your Business '101': A Beginner's Guide
www.solarquotes.com.au/commercial-solar-guide.html
- **ECOBIZ BUSINESS SUPPORT SERVICE**
www.ecobiz.cciq.com.au

7 STEPS ON YOUR SOLAR JOURNEY

1 Understand the electricity consumption of your household and choose the right size system for your needs

Your consumption profile will determine the system size most appropriate to your needs. Understanding your energy consumption is the first step in determining if this is a viable investment.

2 Understand your electricity tariffs and how they might change

Which electricity tariff do you pay and how might this change once your solar system is installed? Find out this information from your electricity retailer.

Your solar installer should provide modelling to use in your discussion with your retailer. It is strongly recommended you receive written confirmation from your electricity retailer on what, if any, changes will occur to your tariffs under the proposed new arrangements.

3 Finding a solar PV installer

Get three quotes and make sure they only use CEC-accredited installers, ask for testimonials.

Finding the right person or company to manage the design and installation of your solar PV system is important. Ensure your installer has relevant experience.

We strongly recommend you do your due diligence and select a reputable solar PV installer who will use a CEC-accredited installer/designer. To find an accredited installer near you, visit www.solaraccreditation.com.au/consumers/find-an-installer

4 Do your due diligence on technology, products, warranties and guarantees

Ask the hard questions of your installers! Products on the market vary in price and quality. Do your homework on the products you purchase and workmanship guarantees. Your designer/installer will help you choose the type of panels and inverter that best suit your needs.

Check if the installation includes WiFi/APP monitoring of performance and installation and monitoring costs. This is not expensive and is very handy to view your solar in action.

5 Engage with your electricity distributor early to understand grid connection requirements

Connection to the grid should be discussed with your electricity distributor very early in the process so they are aware of the project, and you (or your accredited installer) are aware of any technical requirements that have to be met.

A Connection Agreement with your Distribution Network Service Provider (DNSP) is mandatory to connect a solar system to the grid. This agreement is a contract outlining the terms of your connection and must be understood and signed by the person responsible for the system post-installation (i.e. you, the business owner). Your installer should assist you with this process.

6 Financing the project

Do your homework on the financing options. The Zero Emissions Noosa website contains a finance toolkit that gives a general overview of the differing options: www.zeroemissionsnoosa.com. Always contact your accountant for financial advice.

7 AEF and Noosa Council Information

The Australian Energy Foundation in partnership with Noosa Council, is currently offering Noosa Shire residents a free solar advice service which can help you understand how solar can reduce energy costs for your household. Visit their website or call the hotline on 1300 23 68 55.

AUSTRALIAN ENERGY FOUNDATION
<https://www.aef.com.au/councils/qld/noosa/>

RESIDENTIAL ENERGY EFFICIENCY INFORMATION

The Zero Emissions Noosa website also contains information to help households become more energy efficient.

For more information please visit the Zero Emissions Noosa website
www.zeroemissionsnoosa.com.au



SOLAR CHECK LIST

1. Have you performed due diligence checks on your installer/supplier?

- Is your solar PV retailer reputable - have you checked their track record, backers and complaints forums?
- Does your installer/designer have CEC accreditation, current electrical licences and OH&S certification?
- Is the company a member of the industry association?
Is the company a CEC Approved Solar Retailer?
- Have you checked ASIC to ensure they are legitimate and currently registered?
- How long have they been in the solar industry?
- How many systems similar to yours has the designer/installer completed?
- Are they up-to-date on the newest products, the latest regulatory issues and connection requirements?
- How well does the designer/installer know your local distribution network service provider (DNSP)?
- Will they conduct the work themselves or subcontract parts out? If so, what contractual agreements are in place to protect you?

2. The quotation and contract

- Is it professional and sufficiently detailed?
- Are the prices typical of industry benchmarks?
- What is explicitly included and excluded?
- If comparing quotations, am I comparing like for like?
- Are all obligations, responsibilities and liabilities clear?

3. The financial calculations

- Have they provided a detailed analysis of load and generation?
- Are the returns consistent with CEC guidelines?
- What, if any, performance guarantees are provided?
- Have you considered alternative methods of finance?

4. The products and services

- Have you been offered quality products that are well backed in case of warranty support?
- Have you reviewed the warranty terms and conditions? What written service obligations have been included?
- Have you been offered workmanship guarantees?
- Has system monitoring been included to allow ongoing performance checks and who is responsible?
- Are the products listed by the CEC as approved for use in Australia?
- Do you understand the limitations to support and service that are offered?

5. The grid connection and approvals

- Has your DNSP been contacted and approved connection? Are there connection costs and limitations?
- Has your retailer been contacted and agreed in writing to any tariff impacts and/or export tariffs?
- Do you require building approvals and if so have they been sought and approved?
- Have metering and connection costs been calculated and agreed?

6. Information and support

- Have you received a detailed final contract including all relevant approvals?
- Do you understand exactly what products, services, support and maintenance you are getting and from whom? Have you been advised who or where to go to if you are unsatisfied?
- Have you received training on system operation and a detailed operations manual?
- During installation, did you monitor the general performance, behaviour and installation quality of the installers?
- Is the system performing as expected?