

# Solar Powering NSW Councils

Cities Power Partnership Kiama October 2018



## **Current Program Support**

- Solar PPA Supplier Panel
- Solar PPA Template Contract
- Solar Financing Tool
- Ongoing Support

## What is a Solar Power Purchase Agreement?

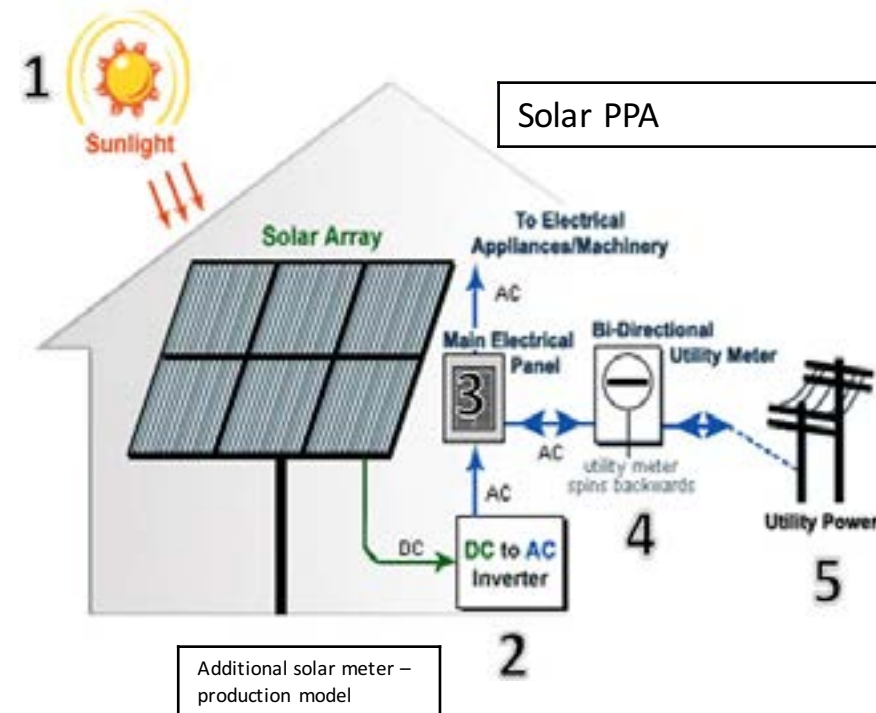
A solar PPA is an agreement to host a solar system on the agency's roof and buy the power it produces at a reduced cost from the solar supplier, who owns and maintains the system.

Power prices under a solar PPA are typically **20% cheaper** than government contract rates.

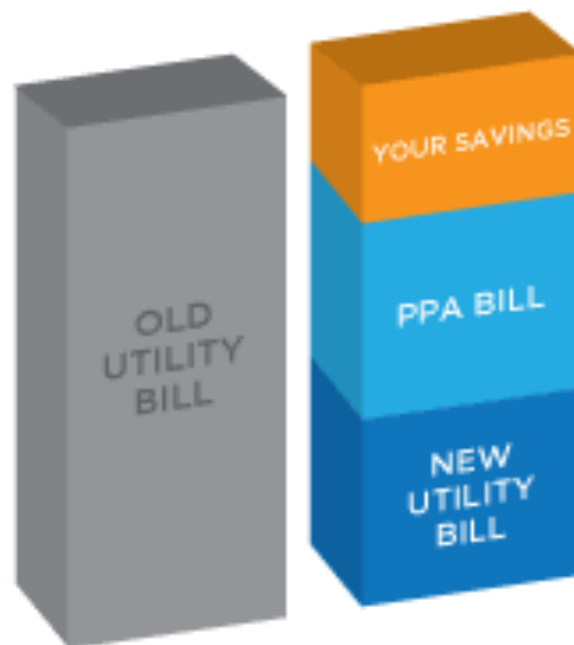


# What is a Solar PPA?

- Service agreement **not** an operating lease or a loan
- Building buys all electricity produced by a solar system
- Third party designs, owns and maintains the solar system
- Agreed price (e.g. 12c/kWh) for an agreed period (e.g. 10 years)
- Solar rate is cheaper than grid electricity rate



## How do Power Purchase Agreements work?





## Solar PPA Suppliers Panel

The NSW Government Solar PPA Suppliers Panel can offer NSW Government agencies and Local Government the option to access solar power without the upfront cost.

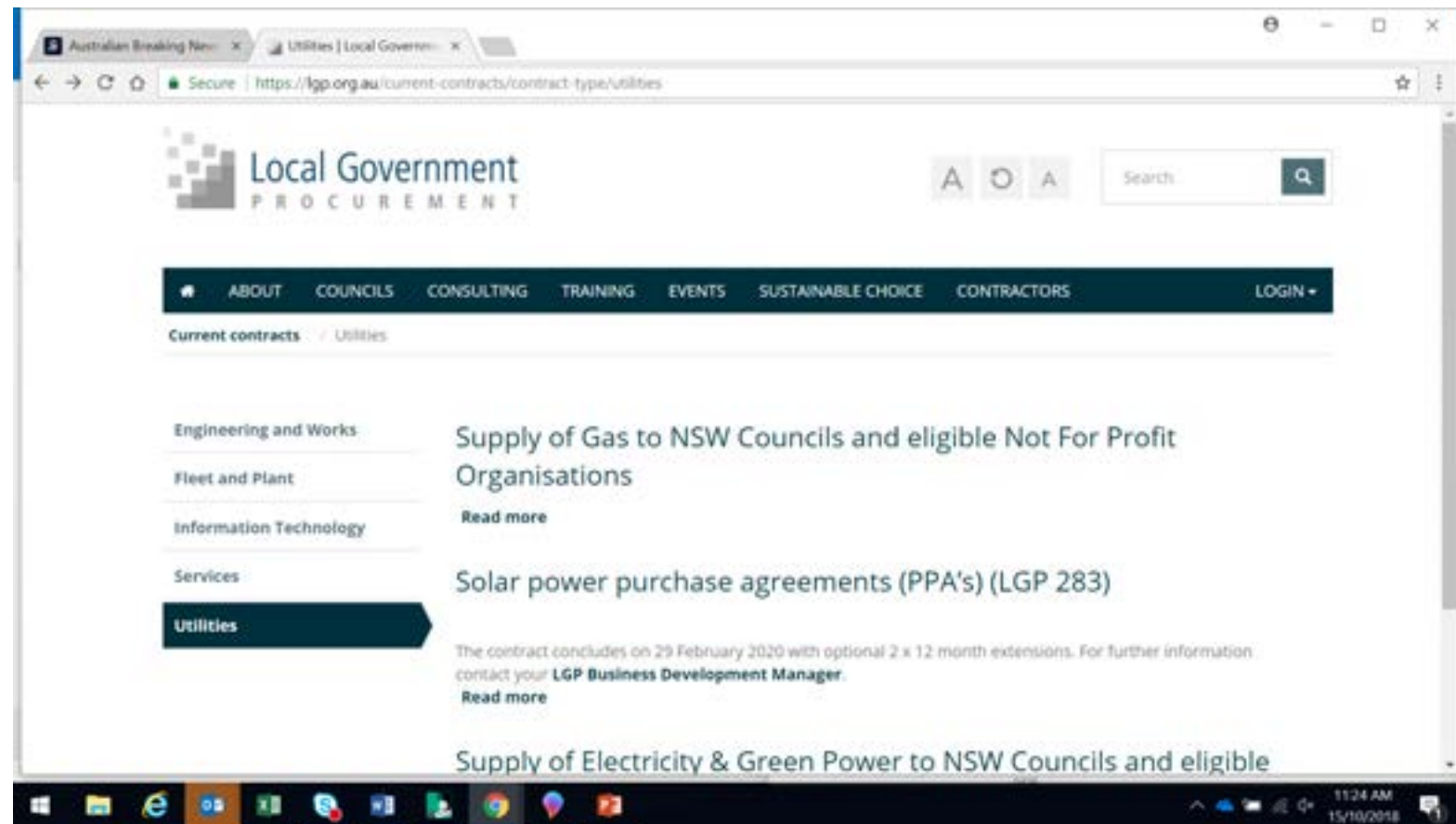
Five solar suppliers have been appointed to the Panel, which can offer solar Power Purchase Agreements (PPA) to **NSW Government agencies** and **local Government**.

Agencies can use a solar PPA as an innovative means of financing onsite renewable energy without the upfront costs.

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## The Solar PPA Template Contract


- <https://lgp.org.au/current-contracts/contract-type/utilities>






## The Solar Financing Tool





**Solar Financing Tool**
Office of Environment & Heritage


Version 1.3  
 Created by Energebics on behalf of OEH  
[\[Link to Quick Start User Guide\]](#)

**Instructions**  
 Please follow the steps below. You will be guided through a series of sections that will ask you to input data about your desired solar system. This tool will allow you to select from default values stored in the tool and where you have access to site-specific data you may enter your own values. A detailed companion guide to this tool can be downloaded from: [www.environment.nsw.gov.au/eletrc](http://www.environment.nsw.gov.au/eletrc)  
 To return to the this menu at any time click the "Main Menu" button in each sheet at any time.  
 For further information on each sheet click on the question mark in the top right hand side of the page.

**Inputs/Steps**

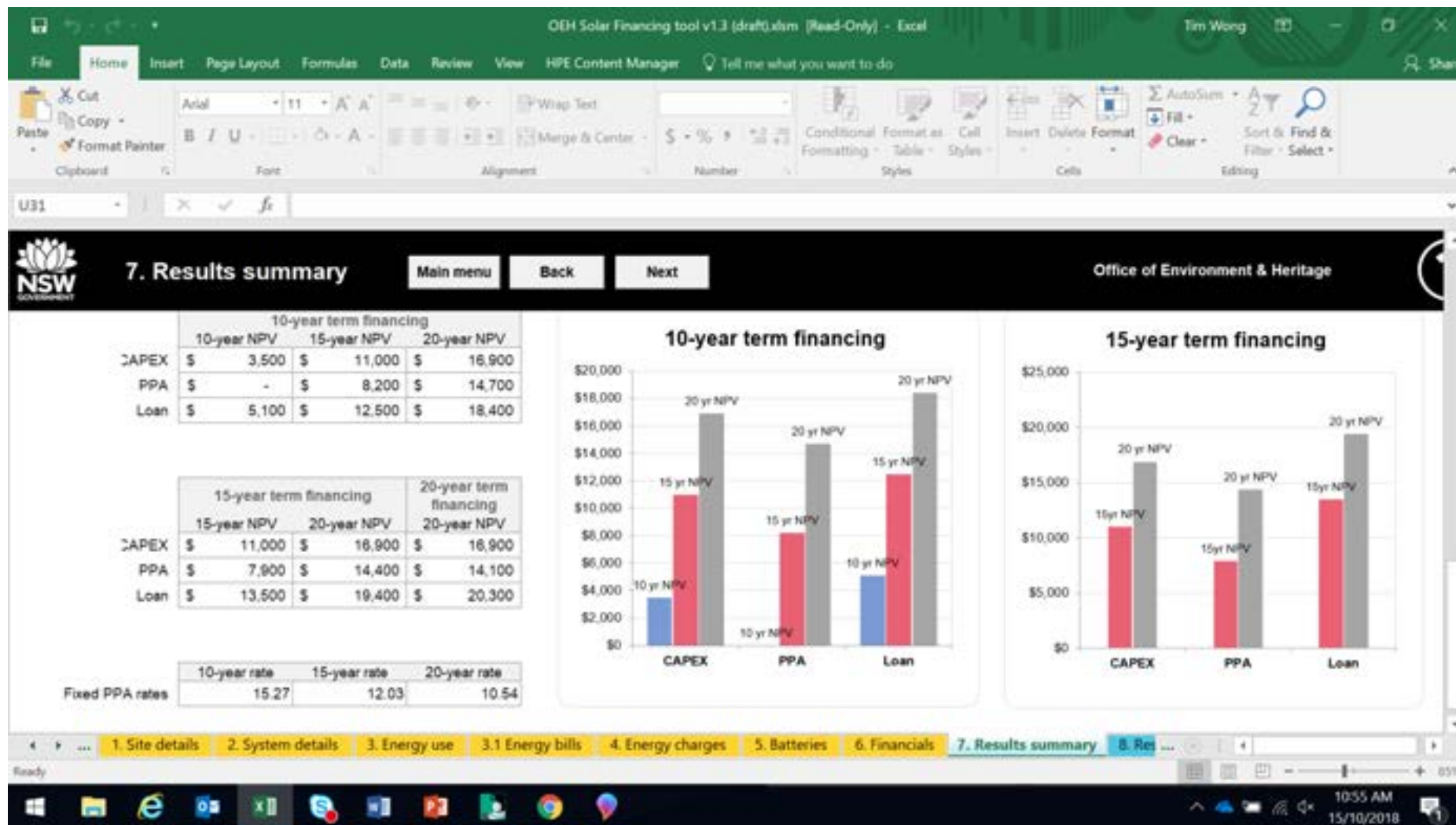
Inputs/Steps	Minimum information required complete?
1. Site details	Completed
2. System details	Completed

**Results**

7. Results summary
8. Results and graphs

Menu 1. Site details 2. System details 3. Energy use 3.1 Energy bills 4. Energy charges 5. Batteries 6. Financials 7. Results summary

## The Solar Financing Tool



## Ongoing Support

For further assistance with our supplier panel, PPA contract or solar financing tool please contact us:

### Contact us

Email the **Sustainable Government team** at Office of Environment and Heritage to discuss potential projects, or go to the **contact form**.

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*Page last updated: 12 April 2018*

<https://www.environment.nsw.gov.au/government/solar.htm>

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