

# Tumuruu Newsletter

Vol 5 | November 2023

Welcome to the 4th edition of the Tumuruu newsletter



Australian Solar Enterprises' approach to the design and delivery of the Tumuruu project is underpinned by environmental sustainability, active community engagement, and the desire to leave a long-lasting positive legacy for all our stakeholders.

We would appreciate your time to help us better understand community feedback.

<https://www.surveymonkey.com/r/ZVYZFKM>



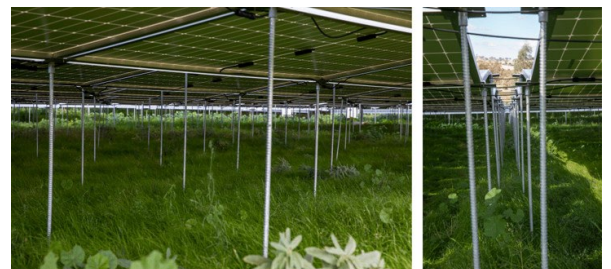
Email:  
[admin@tumuruusolar.com.au](mailto:admin@tumuruusolar.com.au)

Project website:  
[www.tumuruusolar.com.au](http://www.tumuruusolar.com.au)

Australian Solar Enterprises (ASE) is proposing the Tumuruu Solar project in Blackbutt on a private property on Bowman Road.

## Project Activity

- The project has made the following updates which have been lodged with Council and a decision will be made by Council shortly:
  - The buffer setback on the outer edge of the property has been amended which now includes a minimum of 75m distance between a property boundary and panels (northern and eastern boundaries, southern boundary remains at 190m+). The 75m comprises (when moving from a property boundary towards the panels)
    - 10m of firebreak, 10m of landscaping buffer where applied, up to 40m of grassland, fence line, and 10 to 15m of access before the edge of the panels
  - An onsite noise assessment has been completed and the results passed the most stringent requirements
  - The stormwater modelling was rerun at a higher level of runoff with provisions for detention added to the project plan
  - A grassing strategy has been developed with a local consultant based on soil tests taken onsite. The below is another site in northern NSW to show the success of PEG with an under-panel approach (left photo is at install and right post construction):



## Project Information

One key element that sets Tumuruu apart is the use of Jurchen Technology's PEG system as the selected mounting technology. Some of the environmental benefits vs. tracker included:

- **Lightweight Impact:** Unlike traditional PV structures, PEG is designed for minimal weight without compromising durability, making for ease of installation and reduced logistic impacts
- **Lower Visual Concerns:** With a height below 1m and a surrounding vegetation buffer, PEG helps to reduce visual impacts on stakeholders.
- **Optimised Land Usage:** The PEG structure maximises land efficiency (up to 200% more than a tracker project), offering a sustainable solution that balances agricultural needs with energy production. Allowing for harmonious coexistence of farming and solar energy generation and with an under panel grassing strategy there is the potential to improve the soil quality overtime
- **20-30% Reduction in DC Cabling:** PEG ensures a significant savings in DC cabling reducing the impact on the land and supporting post development uses
- **Concrete-Free Innovation:** PEG eliminates the need for concrete, aligning perfectly with eco-friendly practices.
- **Simple Installation:** PEG will reduce installation times, allowing the use of hand-tools to get the 16mm rods into the ground. This will support local employment given no specialist skills are required.

FAQ have moved to the Tumuruu website (<https://tumuruusolar.com.au/faqs>)

If you have any questions not answered here or on the website, please reach out.

## Register for updates

Use this QR code to register for project updates or to set up a time to discuss the project further.

Email: [admin@tumuruusolar.com.au](mailto:admin@tumuruusolar.com.au)

Project website: [www.tumuruusolar.com.au](http://www.tumuruusolar.com.au)

SCAN THE  
QR CODE



## Employment opportunities

Do you enjoy outdoor work?

Can you or are you willing to learn how to use powered hand tools?

If you are school age, we will have opportunities during school holiday periods as well!

If the above sounds like you, register your interest with the QR code and help Queensland reach its energy target!

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QR CODE



## Supplier opportunities

### Construction

Fencing/Security  
Earthworks  
Landscaping  
Catering  
Accommodation  
Cleaning

### Operations

Fencing/Security  
Earthworks  
Landscaping  
Maintenance

30+ year  
opportunity

SCAN THE  
QR CODE



This project is an independent solar project by ASE and is separate to the Powerlink transmission lines project and consultation.