

# UTERNE II POWER PLANT

January 2014



## ABOUT

### EPURON SOLAR

Founded in 2003, Epuron Solar is a leading, privately-owned Australian renewable energy company with a focus on development, ownership and operation of utility-scale renewable energy projects. In solar energy, Epuron Solar's focus is megawatt-scale power generation in both grid-connected and off-grid markets.

The expansion of Uterne will increase Epuron Solar's total solar portfolio capacity to over 5 megawatts. In addition to Uterne, Epuron Solar owns and operates three off-grid solar projects located in the Northern Territory. These projects all displace diesel usage in remote communities.

For more information, visit

[www.epuron.com.au](http://www.epuron.com.au)

# EPURON

## UTERNE II SOLAR POWER PLANT

Epuron's Uterne II is a 3.1 megawatt (MW) expansion of the existing Uterne 1 (1.0 MW) solar photovoltaic (PV) power plant. Uterne I provides power to the local grid through a long term contract with Power and Water Corporation. Uterne II will increase the solar contribution to the grid using solar-tracking technology that increases daily energy production by up to 30 per cent compared with conventional fixed-tilt installations.

Company director Martin Poole says the new 45,000 square metre extension won't be much bigger than the existing power plant. Construction is quite fast, providing Power and Water Corporation with a valuable emission-free additional source of electricity for the Alice Springs network around the middle of the year. There are plans for much bigger solar farms in Australia, but Uterne is the largest with tracking technology which allows the panels to follow the sun's trajectory through the day.

### Construction Details

The construction activities are scheduled to be carried out from January 2014 to June 2014. Normal working hours on the site will be from 7:00AM to 5:00PM Monday to Friday. Some work may be scheduled on Saturdays.

Sunpower Corporation Australia has been engaged to design, supply, install and commission the solar power station. Sunpower's subcontractor Belectric will carry out the civil works as well as the mechanical and electrical works on the site.

The initial installation of the foundation piles is likely to create noise disturbance for a period of approximately four weeks during February and March 2014.

See photographs of the pile ramming machine and typical pile foundation installation on the next page.

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*“Uterne” means “bright sunny day” in the local Arrente language*

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## CONTACT DETAILS

If you have any issues or concerns during the construction phase please contact us at the phone numbers listed below:

Name	Role	Organisation	Contact Number
William Radford	Site Project Manager	Belectric	0459 400 132
Enrico Torrisi	Site Construction Manager	Sunpower	TBA
Andrew Wilson	Project owner	Uterne Power Plant (Epuron)	0420 379 190



*Foundation pile ramming machine*



*Example of foundation piles being installed*



*Aerial view of Uterne site – Existing Uterne I power plant to the south with representation of Uterne II to the north*