



# Greenough River Solar Farm

## PROJECT INFORMATION

APRIL 2012

Greenough River Solar Farm Pty Ltd, a joint venture partnership between Verve Energy and GE Energy Financial Services, is developing a 10MW solar farm in the Mid West utilising thin film photovoltaic (PV) solar modules from First Solar.

The project site is 80 hectares of private, cleared land about 30 kilometres east of Walkaway and 50 kilometres southeast of Geraldton, on the Nangetty Walkaway Road. This is the first stage of a 40MW solar farm that the joint venture hopes to install at this site.

Construction of the Greenough River Solar Farm began in November 2011 and will take nine months to build with completion due in mid 2012.

The project will be Australia's largest utility scale solar farm. It is the first step towards expanding WA's renewable energy away from the high reliance on wind farms and will pave the way for other utility scale photovoltaic plants in WA.

The solar farm is already providing benefits to the Mid West through the creation of jobs during construction with a number of local contractors working on the project. The employment of local contractors along with the sourcing of local products is expected to generate millions of dollars for the City Of Geraldton's economy. Up to 100 people will be onsite at any one time throughout the construction phase, with jobs lasting for up to nine months.

This significant project for the state and for the joint venture will go ahead with substantial contributions from the Royalties for Regions scheme, and the Public Utilities Office (formerly Office of Energy).



*The tables have been installed at Greenough River Solar Farm. A high voltage transmission line runs past the site.*

The project will produce enough electricity to power 3000 average homes and will displace 20,000 tonnes of greenhouse gas emissions per year, the equivalent of taking 4000 cars off the road.

Using the latest technology, First Solar will supply more than 150,000 of its advanced thin film PV modules and provide engineering, procurement and construction services.



*PV arrays like this will be installed at Greenough River Solar Farm.*



Government of **Western Australia**



ROYALTIES  
FOR REGIONS

# PROJECT SITE



The clean, affordable and sustainable energy generated by the solar farm will be purchased by the WA Water Corporation to offset the electricity requirements of the Southern Seawater Desalination Plant, near Binningup.

For more information about this project, go to [www.greenoughsolarfarm.com.au](http://www.greenoughsolarfarm.com.au) or contact [inquiries@greenoughsolarfarm.com.au](mailto:inquiries@greenoughsolarfarm.com.au).

## About Royalties for Regions

Royalties for Regions is an agreement which underlines the State Government's long-term focus on regional development throughout Western Australia through additional regional investment in projects, infrastructure and community services.



## About Verve Energy

Verve Energy is the leading generator of electricity in Western Australia. Verve Energy owns and operates an extensive and diverse portfolio of power stations and renewable energy systems with a total capacity of 2967MW. For more information, visit [www.verveenergy.com.au](http://www.verveenergy.com.au)

GE  
Energy Financial Services



## About GE Energy Financial Services

GE Energy Financial Services invest globally across the capital spectrum in essential, long-lived and energy assets that meet the world's energy needs. To find out more, visit the website [www.geenergyfinancialservices.com](http://www.geenergyfinancialservices.com)



## About First Solar

First Solar manufactures solar modules with an advanced semiconductor technology and provides comprehensive photovoltaic (PV) system solutions. For more information, visit [www.firstsolar.com](http://www.firstsolar.com)