

Case Study – Royalla Solar Farm

Royalla, Australian Capital Territory, Australia



PROJECT OVERVIEW

Project name : Royalla Solar Farm

Owner : FRV

Capacity : 20 MW

Location : Royalla, Australian Capital Territory, Australia

Commissioned : September 2014

Construction Contractor : ACCIONA Energy

Solar modules used :
83,000 295W Jinko Eagle Panels

Inverters used :
Ingeteam

Jinko Australia is proud to be the solar module provider of choice for the Royalla Solar Farm, constructed near Canberra in the Australian Capital Territory. Completed in September 2014 the 20 MW project utilised nearly 83,000 Jinko modules, making it Australia's largest operational solar farm at the time of construction.

With the temperature in Canberra ranging from -5 degrees Celsius to 40 degrees Celsius throughout the year, this project required a high quality panel able to withstand temperature extremes. Jinko fit the bill perfectly.

Built under the ACT Governments Large Scale Solar Programme, the solar farm was the first large scale solar farm to be connected to the national electricity market, and Australia's first solar farm to receive bank finance, after developer FRV selected ANZ and NAB to provide non-recourse project finance for the \$50 million project.

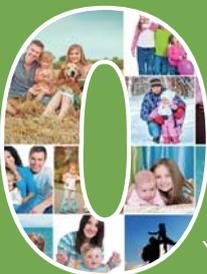
The Royalla Solar Farm will produce approximately 37,000 megawatt hours of renewable energy each year for the next 20 years and will provide enough electricity to power approximately 4,500 Canberra homes. Royalla will avoid 37,000 tonnes of greenhouse gas emissions each year.

About Jinko Solar

JinkoSolar (NYSE: JKS) is a global leader in the solar industry. Jinko Solar distributes its solar products and sells its solutions and services to a diversified international utility, commercial and residential customer base in China, the United States, Japan, Germany, the United Kingdom, Chile, South Africa, India, Mexico, Brazil, the United Arab Emirates, Italy, Spain, France, Belgium, and other countries and regions. JinkoSolar has built a vertically integrated solar product value chain, with an integrated annual capacity of 3.5 GW for silicon ingots and wafers, 3 GW for solar cells, and 6.5 GW for solar modules, as of March 31, 2016. JinkoSolar also sells electricity in China, and had connected approximately 1,007 MW of solar power projects to the grid, as of March 31, 2016.



In Australia, Jinko Solar has supplied numerous landmark projects such as 20MW Royalla, 1.4 MW Voyages, and 1 MW Brisbane Markets. Jinko Australia has unrivalled local support with eight points of presence in Australia including head office in Sydney, five warehouses, sales team, and sales support.



Years

Changing the way
we generate and
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About FRV

FRV is one of the world' s leading global developers in the solar energy market from the company' s beginning in 2006, to until today with a presence in Africa, Asia, Europe, Latin America and the Middle East.

FRV develops, constructs, finances and operates projects providing overall, complete and individual solutions to satisfy every client tailored to their particular requirements.

FRV has successfully financed over more than 532 MWdc in Europe, USA, Latin America and Australia, raising more than US\$ 2.0 billion with the financial support of 20 leading international banks.

About Acciona

Acciona is a leader in the development and management of renewable energy. Acciona aims to meet the needs of today without compromising the ability of future generations to meet theirs.

In Australia, Acciona has investment more than \$650 million on renewable energy, infrastructure and water projects. It has built and owns three wind farms, and provided engineering, construction, and operations services on the Royalla Solar Farm.