



Solar Dawn, Chinchilla QLD

Solar Dawn is a key project under the Australian Government's Solar Flagships Program, which is focused on the rapid commercialisation of solar power in Australia. The proposed 250 megawatt power project is based on solar thermal gas hybrid technology and is to be built near Chinchilla in South West Queensland by a consortium including AREVA Solar, CS Energy and Wind Prospect CWP.

Solar Dawn will be one of the largest power stations of its kind in the world, combining zero-emission solar generation to efficiently produce clean, reliable power to meet growing energy demand.

The project comprises of approximately 450 hectares of infrastructure including:

- a 'solar field' containing the mirrors and steam boiler tubes
- a 'power block' with the steam turbine generators, gas boilers and other equipment.

Construction on the project is expected to take three years, with first power supplies anticipated in 2015.

Evans & Peck's role

In October 2010, Evans & Peck was engaged to support Solar Dawn's application for funding under the Solar Flagships Program. This involved preparing the term sheets for three contracts:

- the engineer, procure, construct (EPC) contract
- the operation and maintenance agreement
- a ten-year technical support agreement and performance guarantee.

Following on from this work, Evans & Peck was invited to support the preparation of full contract documentation for the project, which is targeting financial close by the end of 2011.

FACTS AND FIGURES

Client: Solar Dawn Pty Ltd

Budget: \$1 billion

E&P involvement: 2010-2011

Results

Solar Dawn was successful in securing preferred project status under Round 1 of the Solar Flagships Program, which is part of the Government's \$5 billion Clean Energy Initiative.

Evans & Peck was able to help this innovative project at critical points because our senior people have deep knowledge of Australia's energy sector and its construction industry. We provided a long term view that supported the project in reaching its project objectives.

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