

# Broken Hill Solar Plant

Community Information  
Session  
11 February 2015

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# Agenda

- 1 Welcome February CIS
- 2 Review previous actions
- 3 Overview of project status – AGL / First Solar
- 4 Employment
- 5 Project planning
- 6 Construction community fund
- 7 Next meeting



ARENA



## 2. Review actions from previous meeting

	Action item	CCC meeting	Status	Who
1	Coordinate panel expressions of interest from the group and to advertise round one community fund open for applications	September 2014	Closed	HO
2	Provide further information about the assessment process to panel members	November 2014	Closed	HO
3	AGL to meet with West State Training	November 2014	Closed	HO/ AGM
4	Meet with Chamber of Commerce representatives to discuss quotes and feedback	November 2014	Open	JM
5	Provide details about what happens a 'line goes down'	November 2014	Open	AGM

> Nyngan Solar Project

> AGL Energy

> 4 February 2015

# Overview of project status

- Adam Mackett (AGL)
- Jeff McAuliffe (First Solar)

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## 2. AGL overview of project status

### Solar Plant (First Solar)

- > Construction crews remobilised after the Christmas break.
- > Progressing structural component of the installation works (posts, tilt brackets and tables).
- > Deliveries of solar PV modules commenced.
- > Awarded electrical subcontractor to RCR Infrastructure (planned mobilisation later this month).
- > Installation of the Operation & Maintenance Buildings.
- > Finalising design of intersection works with RMS off the Barrier Hwy.
- > Progressing generator registration with the Australian Energy Market Operator (AEMO).
- > Plant will be fully operational by December 2015.



## 2. AGL overview of project status

### Connection Works (CPP)

- > Design approval for the ARTC rail crossing was approved prior to Christmas.
- > Construction of concrete foundations for pole structures was complete prior to Christmas.
- > Construction crews remobilised after the Christmas break
- > Installed pole structures both flange and embedded.
- > Currently completing stringing works for the 2 x 22kV line and OPGW (optical fibre) – involves coordination with Essential Energy, ARTC and TransGrid.
- > Planned completion in the next month.

### TransGrid 22kV Substation Works

- > TransGrid is completing works within their existing 22kV substation for connection of the solar plant – major works completed prior to Christmas
- > CPP / TransGrid are currently coordinating termination works on the gantry.



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## 3. First Solar overview of project status

### **Procurement, Contracts and Deliveries:**

- > Three packages of work – civil, structural and electrical
- > Civil Team Engineering awarded structural subcontract
- > Delivery of structural and electrical items ramping up
- > Majority of deliveries coming from Adelaide
- > About four road trains per day



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## 3. First Solar overview of project status

### Construction

- > Civil works are complete
- > 36,000 out of the 68,000 posts have been installed
- > 35% of tilt brackets are installed
- > 25% of tables have been installed
- > Electrical works start in two weeks

### Waste management

- > Pallets are being recycled to Adelaide
- > Timber is being recycled locally to mulch and sawdust
- > Steel and strapping is being recycled locally
- > Cardboard is being recycled
- > Cans and bottles are being donated to local charities



### 3. First Solar overview of project status



Post and tilt installation



Table construction

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### 3. First Solar overview of project status



Post installation

- > Broken Hill Solar Plant
- > AGL Energy
- > 11 February 2015



### 3. First Solar overview of project status



- > Broken Hill Solar Plant
- > AGL Energy
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# Employment

- Jeff McAuliffe (First Solar)

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## 4. Project employment

- > Employment is through Hays recruitment. Any employment queries should be directed to [paul.harris@hays.com.au](mailto:paul.harris@hays.com.au) or [clare.keen@hays.com.au](mailto:clare.keen@hays.com.au)
- > First Solar engaged Civil Team Engineering as structural contractor for the project

Civil Team Engineering – employment:

- > 250 people inducted
- > 50 locals employed on the site on a daily basis

RCR Infrastructure have been awarded the electrical contract

- > RCR are recruiting through [recruitment@rcrtom.com.au](mailto:recruitment@rcrtom.com.au)

## 4. Project employment

- > 30 local businesses have been involved in the early stages of the project which include:
  - > Northern Earthmovers
  - > Lawrence Auto Industrial
  - > Silver City Security
  - > Silver Lea Services
  - > Summit Training Services
  - > Bobos Engineering
  - > MBE Electrical

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# Project planning

- Helena Orel
- Adam Mackett (AGL)

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## 5. Community site visit



Organised community visit to the site in the coming months (around April) when module installation is underway

Small group (about 30)

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# Construction Community Fund

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## 5. Construction Community Fund

- > First round of funding for \$25,000 has been allocated to seven projects

**Broken Hill Chamber of Commerce** (\$2,500) - to develop an online business and industry engagement survey and business directory for Broken Hill.

**Broken Hill Mountain Bike Club** (\$2,200) - to design and produce local bike trail maps.

**Maari Ma Health Aboriginal Corporation** (\$2,000) – to purchase a marquee and food and drinks for Broken Hill NAIDOC week.

**Burke Ward Public School (\$3,950)** - to buy a set of outdoor bongo drums for use in the school's outdoor music room and wider community.

**Lifeline Broken Hill** (\$4,500) - to paint the Lifeline centre's training room and to buy new tables and chairs as part of the facility's overall refurbishment.

**Broken Hill Art Exchange** (\$5,000) – to be used for the Community Solar Light art prize to be awarded at the three month '*Solar to Earth, Air and Water*' community art event being developed.

**Patton Village Community Business Association** (\$5,000) – contribution towards entertainment set up costs for the Broken Hill Fringe Festival.

## 5. Construction Community Fund

- > Next round of funding will be advertised in September 2015
- > Ads will run for four weeks
- > Expect to complete process (assessment / cheque handover) by early November

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# Next meeting

- Helena Orel (AGL)

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## 6. Next meeting

- > Any questions?
- > Next meeting date (proposed for Wednesday 6 May 2015)
- > Agenda items

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