



WOOLOOGA SOLAR FARM

Lower Wonga, Queensland



214 MWdc
installed capacity



63,158
homes powered



350,400MT
abated greenhouse
gas emissions



2022
year-end
completion date

Affordable, locally generated, clean energy for Queensland communities

The 214 MWdc Woolooga Solar Farm is expected to generate approximately 438,000 megawatt hours of solar power annually – or enough to power the equivalent of 63,158 Australian homes per year and provide an offset of more than 350,400 metric tons of greenhouse gas emissions each year, comparable to taking over 145,950 fuel-burning cars off the road.



260
260 full-time construction
jobs, with an aim to source at
least 35% of these locally

A COLLABORATION FORMED BY SHARED GOALS



Providing a clean, renewable, reliable and economic source of electric power while maximising local community benefits

In June 2021, Lightsource bp announced that we had successfully closed on a financing package for our Woolooga Solar project located in Lower Wonga, Queensland. The senior debt facility for the project was provided by ING, Westpac, EDC & Intesa. Construction of the project is due to begin in June 2021, with commercial operation expected in the second half of 2022.

“ At Lightsource bp we're on a mission to rapidly accelerate the growth in renewable energy, while maximising the environmental and local community benefits of each of our solar projects. We're looking forward to working with our partners, suppliers and the community in Lower Wonga to bring this responsible solar approach to our project. ”

Adam Pegg, Country Manager, Lightsource bp – Australia

About us

Lightsource bp is a global leader in the financing, development and management of large-scale solar energy projects. We are a 50:50 joint venture with bp and our purpose is to help drive the world's transition to low carbon energy through competitively priced and sustainable electricity. With solar set to increase tenfold in the next 20 years, Lightsource bp is well-positioned to capitalise on this growth and aims to enact real change on the global energy landscape.

Our team comprises of 500 industry specialists, active across 14 countries. We provide a full-service to our customers from initial site selection and permitting through to long-term management of projects.

Lightsource bp in Australia is headquartered in Sydney and has a development portfolio of more than 2 gigawatts of solar projects in development across Australia.

COMMUNITY BENEFITS

Lightsource bp's model is to develop, own and operate our solar farms throughout their full life cycle. With solar farms having a life span of up to 35 years, it's important to us that we're stewards of the land we use and long-term partners of local communities. We are focused on championing local economies and ecosystems, to truly become a home-grown asset that communities can be proud of.



Local economic development

Lightsource bp and project investors will fund the building of clean energy infrastructure in Lower Wonga, Queensland. In addition to providing low-cost clean, renewable energy for the community, the project will create about 260 full-time jobs during construction, with an aim to source at least 35% of these locally. We have also set an aspirational employment target for 5% of construction jobs to be filled by the Kabi Kabi People – the traditional owners of the land.



Customized environmental management plan

In collaboration with environmental experts, we develop long-term land management plans based on detailed ecological studies. These site-specific environmental plans avoid and minimise potential impacts during construction and operation, while improving soil health, fostering biodiversity, prioritising local species, and creating wildlife habitats wherever possible. An area of approximately 200 hectares within the project landholding has been designated as an offset site where habitat enhancement and ongoing management measures will be in place for Koalas and Grey-headed Flying foxes.



Community engagement

In June 2019, Lightsource bp organised a community engagement event to outline our proposed plans for the project development and operations. One of the ways we wish to continue engaging with the local community once the site is built is by using the solar farm to provide educational opportunities for local schools and universities, as well as research and internship opportunities. One way we will do this is through our partnership with the Clontarf Foundation, where we will offer educational opportunities at the site through our partnership with a local Clontarf Academy.



Cultural heritage management

We have a Cultural Heritage Management Agreement with the traditional owners of the Land, the Kabi Kabi People. The agreement outlines our efforts to protect cultural heritage in the area to date, including carrying out extensive Cultural Heritage Surveys, a Test Pitting Program to determine if sub-surface items of cultural heritage significance were present, as well as on-going commitments throughout construction and operation of the project.



Clean, local energy

The project will provide an offset of 350,400 metric tons of greenhouse gas emissions each year, comparable to taking over 145,950 fuel-burning cars off the road.



Philanthropic commitments

Lightsource bp has an existing relationship with the Clontarf Foundation in Australia and will continue this partnership as part of the Woolooga project by providing annual monetary contributions to a local Clontarf Academy which will be used to improve the education and employment prospects of young Aboriginal and Torres Strait Islander men.

PROJECT DETAILS

Lightsource bp will finance, build, own and operate the Woolooga project. The solar farm will be located in Lower Wonga, Queensland (~25 km north-west of Gympie, Queensland).

Project capacity: 214 megawatts (DC) /
176 megawatts (AC)

Electricity production: 438,000 megawatt-hours
(year 1 generation)

Owner and operator: Lightsource bp


Total Size: More than 400,000 panels
installed on approximately
650 hectares of land

Technology: Bifacial solar photovoltaic (PV)
modules on single-axis trackers

Expected completion: Second half of 2022

Location: Lower Wonga, Queensland

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 [www.lightsourcebp.com/au/
projects/woolooga-solar-farm](http://www.lightsourcebp.com/au/projects/woolooga-solar-farm)

