



WEST WYALONG SOLAR FARM

Wyalong, New South Wales



107 MWdc
installed capacity



33,886
homes powered



188,000MT
abated greenhouse
gas emissions



2022
year-end
completion date



170
170 full-time
construction jobs, with
an aim to source at least
35% of these locally

Affordable, locally generated, clean energy for New South Wales communities

The 107 MWdc West Wyalong Solar Farm is expected to generate approximately 235,000 megawatt hours of solar power annually – or enough to power the equivalent of 33,886 Australian homes per year and provide an offset of more than 188,000 metric tons of greenhouse gas emissions each year, comparable to taking over 78,306 fuel-burning cars off the road.

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 West Wyalong Solar project located in Wyalong, New South Wales. The senior debt facility for the project was provided by ING, Westpac, EDC & Intesa. Snowy Hydro will purchase two-thirds of the power generated from the solar project through a 15-year PPA. Under this arrangement Snowy Hydro will in turn supply renewable energy annually to bp – meeting the power requirements of 88 service stations throughout the state of New South Wales. 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 West Wyalong 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 West Wyalong, New South Wales. In addition to providing low-cost clean, renewable energy for the community, the project will create about 170 full-time jobs during construction, with an aim to source at least 35% of these locally.



Revenue for landowners

The project is on land leased by Lightsource bp from a local landowner, providing the family with a new source of reliable revenue for 35 years, and helping keep the land in the family for generations.



Customised environmental management plans

In collaboration with environmental experts, we develop long-term land management plans based on detailed ecological studies. These site-specific environmental plans ensure we avoid and minimise potential impacts during construction and operation, while improving soil health, fostering biodiversity, prioritising local species, and creating wildlife habitats wherever possible. As part of these commitments, we will install several habitat boxes in areas of retained vegetation to enhance habitat quality for a range of species. These will be monitored by an ecologist to ensure effectiveness.



Community engagement

In November 2018, 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. We have also entered into an agreement with the NSW Free Flight Society who use the field to the southwest of the site to fly model aircraft. Lightsource bp has committed to providing annual monetary support to the local group. Through the project design, we have ensured that there is sufficient buffer between the project infrastructure and the land they utilise for the free flight activities to try to minimise the instances of model aircraft entering the site.



Cultural heritage management

We have a Heritage Management Plan in place for the project which outlines measures being taken to protect Aboriginal Cultural Heritage at the project site including a mandatory induction for all site personnel and an Unexpected Finds Procedure. As part of this, we have worked in collaboration with local Aboriginal stakeholders to salvage Aboriginal heritage items and transfer them into the care of a Local Aboriginal Land Council. Other Aboriginal heritage items will remain in-situ and be avoided and protected throughout construction and operations in consultation with local Aboriginal stakeholders.



Clean, local energy

The project will provide an offset of 188,000 metric tons of greenhouse gas emissions each year, comparable to taking over 78,306 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 West Wyalong project by providing annual monetary support 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 West Wyalong Solar project. The solar farm will be located in Wyalong, New South Wales.

Project capacity: 107 megawatts (DC) /
90 megawatts (AC)

Electricity production: 235,000MWh megawatt-
hours (year 1 generation)

Owner and operator: Lightsource bp

Total size: More than 200,284 panels
installed on approximately 211
hectares of land

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

Expected completion: Second half of 2022

Location: Wyalong, New South Wales

Contact details 📞 1300 873 575

🌐 [https://www.lightsourcebp.com/au/
projects/west-wyalong-solar-project/](https://www.lightsourcebp.com/au/projects/west-wyalong-solar-project/)

