

Economic Opportunities

Renewable energy projects bring significant economic opportunities

Central Queensland has abundant wind and solar resources and is well placed to take advantage of Australia's growing renewable energy economy.

Regions are at the forefront of renewable energy industry opportunities, with 95% of infrastructure investment and 70% of employment projected to be in regional areas.

Modelling by the Regional Australia Institute has found that large scale wind and solar projects could generate up to \$68 billion in economic activity across Australia by 2030. The Clean Energy Council and Farmers for Climate Action report *Billions in the bush: Renewable energy for regional prosperity* shows that large-scale wind and solar projects could deliver up to \$4 billion to Queensland's regions, with up to \$3.3 billion to landowners and \$668 million to communities and local councils, over the coming decades.

Ark Energy is committed to maximising the benefits and opportunities of the Boomer Green Energy Hub for the Livingstone Shire, Central Highlands and Rockhampton regions. This includes working with government, industry bodies and local communities to improve local participation, ensuring local capabilities are considered when planning work scope, optimising opportunities for local businesses, and employment of local personnel.

The project is expected to generate up to 450 jobs during the construction period and around 20 ongoing jobs for maintenance and operations. It will create demand for electrical trades, engineering, construction and technician workers. It will present opportunities for local training, upskilling and capacity building, as well as work in ancillary areas such as community engagement, environmental rehabilitation and management of environmental offset areas.

Construction would also generate significant expenditure within the local and regional economies, including work for contractors and increased patronage for surrounding accommodation, retail, service and hospitality businesses. It is estimated that a project of this scale would generate approximately \$500 million in expenditure, value-add and household income.



The Boomer Green Energy Hub is expected to generate up to 450 jobs during construction, about 20 ongoing jobs for operation and around \$500 million expenditure within the local and regional economies, including work for contractors and increased patronage for surrounding accommodation, retail, service and hospitality businesses.

- Target start of construction - 2027
- Construction period - 3-4 years
- Target for completion - 2031

Jobs in renewable energy

Clean Energy Careers Guide

The Clean Energy Council's online careers guide provides easy-to-follow information on the wide variety of job opportunities in the renewable energy sector. Jobs are sorted according to demand, technology, occupation type and entry pathway. The guide explains what each job involves, qualifications required and transferable skills.

Scan QR code right or visit cleanenergycouncil.org.au and search 'careers guide'.







Future Energy Jobs Guide

The Future Energy Jobs Guide, developed in partnership with industry, and education and training providers, also outlines job opportunities in the renewable energy sector. It is designed to assist students and workers to explore opportunities and training pathways.

To download scan QR code below.



Construction and operation of a utility-scale wind energy project involves a range of jobs including labourers, machine operators and drivers, trades, professional services and managers. Below are some of the opportunities in different areas:

Civil works 	Site construction management 
<ul style="list-style-type: none"> • Labourers • Machinery operators for trucks, excavators, rollers, grader, dozers • Crushing plant operators and loader operators • Steel fixers • Concreters • Carpenters • Tree fellers • Agitator truck drivers • Crane operators, riggers & dogmen • Cleaners 	<ul style="list-style-type: none"> • Project manager • Project supervisors • Project administrators • Electrical engineers • Civil engineers • Lead electricians • Lead mechanical fitters • Health and safety advisors • Environmental services • Cleaners • Security
Electrical installation 	Wind turbine installation 
<ul style="list-style-type: none"> • Labourers for cable installation • Drivers for excavators, dozers, tractors (tow sand carts, cable reels etc) • Electricians • Cable joiners 	<ul style="list-style-type: none"> • Escort vehicle drivers for component delivery • Crane operators, riggers & dogmen • Truck drivers • Electricians • Mechanical fitters • Turbine cleaners
Local businesses 	Operations 
<ul style="list-style-type: none"> • Local sub-contractors supplying watercarts, 10-yard trucks, excavators and rollers etc. • Equipment hire suppliers • Shed construction for supply and installation of on-site offices and sheds • Carpenters, builders and plumbers to supply and install permanent offices and maintenance sheds • Local food providers, services and operators • Accommodation providers and retailers 	<ul style="list-style-type: none"> • Electricians • Mechanical fitters • Administrators • Site manager • Bird and bat monitoring • Environmental services e.g. weed, pest control and offsets management • Cleaners

Supplier interest form

Ark Energy is committed to supporting local industry participation and encourages interested local suppliers and contractors to register their interest with the project team.

To do this visit the project website, go to the 'Suppliers' form and upload company information and supporting documents.



Scan QR code to visit the 'Supplier' form on the Boomer Green Energy Hub project website



Newsletters

To be notified of project updates we recommend registering to receive newsletters directly, by email or post.

To register for e-news visit arkenergy.com.au/mailling-list-details or scan QR code below.

If you prefer to receive newsletters by mail, email your post address and a request to be added to the mailing list to info@boomerhub.com.au.



Scan QR code to visit the e-news registration page



Boomer Green Energy Hub

Visit – Boomer Green Energy Hub Office & Information Centre, 1/24 William Street, Rockhampton CBD.

Telephone – 1800 731 296

Email – info@boomerhub.com.au

Newsletters – register at arkenergy.com.au/mailling-list-details

Website – boomerhub.com.au or scan QR code right



Scan QR code to visit the project website