

# Job Opportunities

## The growing renewable energy market brings significant economic and job opportunities

Central Queensland is blessed with renewable energy resources and well placed to take advantage of Australia's growing renewable energy economy.

The Queensland Government has set renewable energy targets of 50% by 2030, 70% by 2032 and 80% by 2035 including 25 GW of large-scale wind and solar. This will require harnessing Queensland's renewable energy potential as quickly as possible, and that requires a ready workforce.

The Queensland Government's \$60 billion *Queensland Energy and Jobs Plan* has committed to establishing Renewable Energy Zones (REZs) and the draft *Queensland Renewable Energy Zone Roadmap* in development identifies the Central Queensland region from Moranbah in the north to Bundaberg in the south, and west past Emerald.

As Queensland takes advantage of the energy transition it provides a significant opportunity for job growth. Queensland's renewable energy targets are expected to support around 100,000 new jobs by 2040, and the regions will be at the forefront of opportunities, with 95% of infrastructure investment and 70% of employment projected to be in regional areas.

There will be high demand for electrical trades, engineering, construction and technician workers. Projects also present significant opportunities for local training, upskilling and capacity building, as well as work in ancillary areas such as community engagement, environmental rehabilitation and offsets management.

Construction would also generate significant expenditure within the local, regional and Queensland economy, including work for contractors and increased patronage for surrounding accommodation, retail, service and hospitality businesses.

Ark Energy is committed to maximising the local benefits and opportunities of its projects. 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 Boomer Green Energy Hub is expected to generate 350+ jobs during construction, 20 ongoing full-time jobs in operation and >\$500 million in local and regional expenditure.

Estimated timings:

- Start of construction: Q1 2026
- Construction period: ~ 3.5 years
- Construction completion: Q3 2029

## Clean energy careers

*Queensland's Clean Energy Workforce Roadmap* outlines plans to develop Queensland's workforce to support continued growth in the state's clean energy industry. Key occupations that will deliver the clean energy transition are detailed in the Queensland Government's *Future Energy Jobs Guide*.

The guide is designed to assist school leavers and skilled workers to explore career opportunities in the clean energy sector and the training pathways to get there. It has been developed in partnership with industry, and education and training providers. To download the guide, scan the QR code right.



The Clean Energy Council also has an online guide for career opportunities in the renewable energy sector according to demand, technology, occupation type and pathway. It details what each job involves, qualifications required and transferable skills. Search for 'Careers guide' at [cleanenergycouncil.org.au](https://cleanenergycouncil.org.au).



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

Civil works ~ 2- 3 years	Site construction management ~3.5 years
<ul style="list-style-type: none"> <li>• Labourers</li> <li>• Machinery operators for trucks, excavators, rollers, grader, dozers.</li> <li>• Crushing plant operators and loader operators</li> <li>• Steel fixers</li> <li>• Concreters</li> <li>• Carpenters</li> <li>• Tree fellers</li> <li>• Agitator truck drivers</li> <li>• Crane operators, riggers and dogmen.</li> <li>• Cleaners</li> </ul>	<ul style="list-style-type: none"> <li>• Project manager</li> <li>• Project supervisors</li> <li>• Project administrators</li> <li>• Electrical engineers</li> <li>• Civil engineers</li> <li>• Lead electricians</li> <li>• Lead mechanical fitters</li> <li>• Health and safety advisors</li> <li>• Environmental services</li> <li>• Cleaners</li> <li>• Security</li> </ul>
Electrical installation ~3 years	Wind turbine installation ~2 years
<ul style="list-style-type: none"> <li>• Labourers for cable installation</li> <li>• Drivers for excavators, dozers, tractors (tow sand carts, cable reels etc)</li> <li>• Electricians</li> <li>• Cable joiners</li> </ul>	<ul style="list-style-type: none"> <li>• Escort vehicle drivers for component delivery</li> <li>• Crane operators, riggers and dogmen</li> <li>• Truck drivers</li> <li>• Electricians</li> <li>• Mechanical fitters</li> <li>• Turbine cleaners</li> </ul>
Local businesses	Operations
<ul style="list-style-type: none"> <li>• Local sub-contractors supplying watercarts, 10-yard trucks, excavators and rollers etc.</li> <li>• Equipment hire suppliers</li> <li>• Shed construction for supply and installation of on-site offices and sheds</li> <li>• Carpenters, builders and plumbers to supply and install permanent offices and maintenance sheds</li> <li>• Local food providers, services and operators</li> <li>• Accommodation providers and retailers</li> </ul>	<p>Typically employed ahead of time, during construction period.</p> <ul style="list-style-type: none"> <li>• Electricians</li> <li>• Mechanical fitters</li> <li>• Administrators</li> <li>• Site manager</li> <li>• Bird and bat monitoring</li> <li>• Environmental services e.g. weed, pest control and offsets management</li> <li>• Cleaners</li> </ul>

## Boomer Green Energy Hub

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

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**Newsletters** – register at [arkenergy.com.au/mailling-list-details](http://arkenergy.com.au/mailling-list-details)

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