

# Job Opportunities

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

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. This will require harnessing Queensland's renewable energy potential as quickly as possible, and that requires a ready workforce.

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

Ark Energy is committed to maximising the local benefits and opportunities of its projects and the Collinsville Green Energy Hub is expected to generate at least 350 jobs during the construction period and approximately 15-30 ongoing full-time jobs for maintenance and operation.

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. It is estimated that a project of this scale would generate approximately \$600 million in expenditure, value-add and household income.

Construction and operation of utility-scale wind and solar projects involve a range of jobs: labourers, machine operators and drivers, trades, professional services and managers. See overleaf for examples of job opportunities available in association with the construction and operation of a utility-scale wind farm.



The Collinsville Green Energy Hub is expected to generate at least 350 jobs during the construction period and around 15-30 ongoing full-time jobs during operation.

It is estimated that the project would also generate around ~\$1 billion expenditure within the local, regional and Queensland economy, including work for contractors and increased patronage for surrounding accommodation, retail, service and hospitality businesses.

### Estimated timings:

- Start of construction target: 2027
- Construction period: ~24 months
- Construction completion: 2030

## Clean energy careers

*Queensland's Clean Energy Workforce Roadmap* outlines the Queensland Government's plan to further develop the state's highly skilled workforce to support the growth of the state's clean energy industry.



The Clean Energy Council's online Clean Energy Careers Guide also provides easy-to-follow information on the wide variety of job opportunities in the renewable energy sector. It includes details on opportunities according to demand, technology, occupation type and career pathway, and explains what each job involves, qualifications required and transferable skills.

Visit [cleanenergycouncil.org.au](https://cleanenergycouncil.org.au) and search 'Careers guide' or scan the QR code below.



Scan QR CODE to visit the Clean Energy Council's Clean Energy Careers Guide

<b>Civil works ~12-18 months</b>	<b>Site construction management ~2 years</b>
<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>
<b>Electrical installation ~12-15 months</b>	<b>Wind turbine installation ~1 year</b>
<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>
<b>Local businesses</b>	<b>Operations</b>
<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 eg weed, pest control and offsets management</li> <li>• Cleaners</li> </ul>

## Collinsville Green Energy Hub

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**Newsletters** – register at [arkenergy.com.au/mailling-list-details](http://arkenergy.com.au/mailling-list-details) for email news, or to receive newsletters by post, send the project team your address and a request to be added to the mail (post) list.

**Website** - [collinsvillehub.com.au](http://collinsvillehub.com.au) or scan QR code right



Scan QR code to visit the project website