

Project phases



Site Selection & Feasibility

- Identify suitable sites
- Early discussions with landholders and other local stakeholders
- Commence wind monitoring
- Preliminary technical and environmental studies
- Initial concept design
- Grid connection studies



Planning & Development

WE ARE HERE

- Expanded wind monitoring
- Land agreements
- Consultation with local community and stakeholders
- Detailed layout, electrical and civil design, local inputs
- Secure grid connection
- Constructability studies
- Detailed technical and environmental studies
- Government approvals



Construction

- Contracts and hire workers
- Earthworks and civil works
- Grid connection
- Turbine and equipment installation
- Environmental monitoring
- Traffic and transport management
- Consultation with local community and stakeholders – including finalising benefit program.



Operation

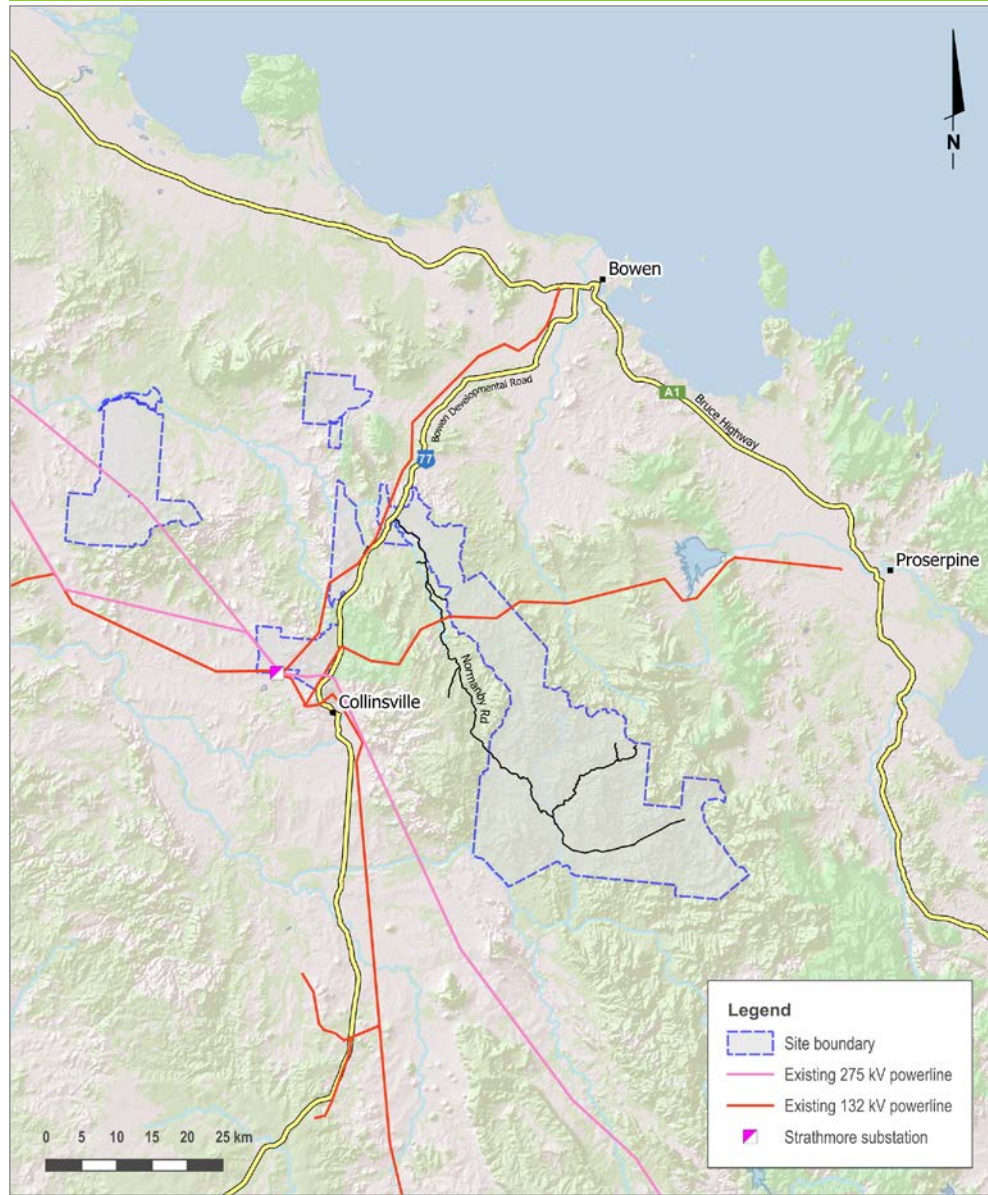
- Operate and maintain project (25-35 years)
- Manage benefit sharing program, based on annual funding.
- Ongoing land management



End of Operation

- Refurbish and renew, or
- Decommission, remove infrastructure and restore site to original condition
- Recycle components

Collinsville Green Energy Hub project area



The project area is near Collinsville and south-west of Bowen and Proserpine. It is within the Northern Queensland Renewable Energy Zone, a region with some of the best renewable energy resources in Queensland.

Questions and feedback

Ark Energy appreciates the importance of engaging, listening to and involving local community members, to ensure local priorities and concerns are considered, and to help develop meaningful and lasting community benefits. Feedback is welcome at any time and local input is valued. Questions and comments can be sent directly to the project team via the details below or the feedback form under the 'Feedback' tab on the website. Stay up to date on other opportunities to participate by registering for newsletters – details below.

More information

Visit - Collinsville Green Energy Hub Office & Information Centre, 47 Railway Road, Collinsville. Please check the window and project website for open times.

Tel - 1800 731 296

Email - info@collinsvillehub.com.au

Newsletters – register at 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 or scan QR code right



Scan QR code to visit the project website

Collinsville Green Energy Hub



Photograph of the project area

The Collinsville Green Energy Hub is a large-scale renewable energy generation project proposed for the Whitsunday region of Queensland. The site is in the Whitsunday Regional Council area and involves several large grazing properties around Collinsville and Bogie, about 80 km south-west of Bowen.

It is within the Queensland Government's Northern Queensland Renewable Energy Zone, one of the key regions in Queensland identified as optimal for new renewable energy projects.

The project is at an early stage. Work underway includes wind resource monitoring, cultural heritage surveys with Traditional Owner groups, technical studies for electrical and civil design, on site ecology surveys, grid connection studies and consultation with the community and local stakeholders.

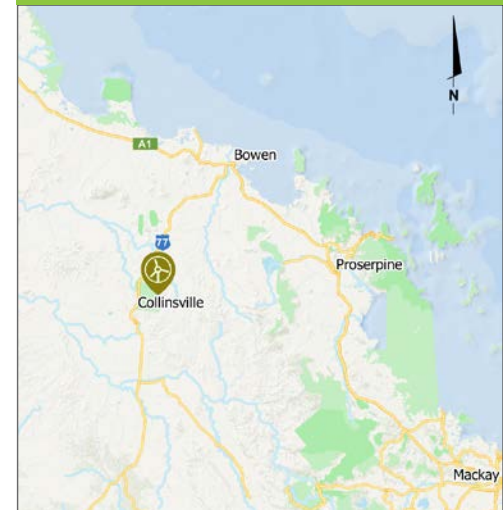
As more information from on site investigations and technical studies becomes available the proposed design is being refined and modified. It is estimated the project will have a generation capacity of up to 3,000 megawatts.

The project will require approval from both the Queensland and Australian governments, and Ark Energy is preparing to enter it into the assessment process later this year. Target start of construction is early 2027 and construction is estimated to take about three years, with target completion in 2031.

To learn more go to collinsvillehub.com.au and sign up for newsletters, email info@collinsvillehub.com.au or come and say hello to the project team at the Collinsville Green Energy Hub office and information centre in Collinsville.



Location



- Expected to generate ~\$1 billion in local and regional expenditure.
- Expected to create 350+ jobs during construction and 15-30 ongoing jobs for operation.
- Economic benefits for the Whitsunday, Mackay, Burdekin and Isaac Regional Council areas.
- Capacity of up to ~3,000 MW
- Target start of construction - 2027
- Target for completion - 2031
- Project lifespan of up to 30 years

Welcome to the team Brooke!

Ark Energy is excited to introduce the newest member of the Collinsville Green Energy Hub team, Brooke Fogarty.

Brooke has taken on the important role of Community Officer and along with Senior Development Manager Trina Jensen and Landholder Advisor Ettiene Stander, is part of the project's core team.

Brooke has lived in the Bowen region for more than 12 years and developed her organisation and consultation skills in the local real estate industry.

"The Collinsville Green Energy Hub project is close to home for me and I'm excited to take this opportunity to try something new, learn more about the renewable energy industry in our region, and develop personally and professionally along the way," says Brooke.

If you would like to learn more about the project, drop in and say hello to Brooke at our information centre in Collinsville.



Healthy Rivers to Reef Partnership

Ark Energy has joined the Mackay-Isaac-Whitsunday Healthy Rivers to Reef Partnership as founding renewable energy partner. Joining this partnership reflects Ark Energy's commitment to caring for the environment and supporting the priorities that the Whitsunday community cares about.

This year Healthy Rivers to Reef celebrates 10 years of stewardship to protect and improve the region's waterways and the Great Barrier Reef.

We are excited to be part of this collaboration and look forward to contributing in every way we can.

Learn more about Healthy Rivers to Reef's great initiatives at

www.healthyriverstoreef.org.au



Colour chaos 2024

The project team's Ettiene and Trina exercised their paint throwing skills at Collinsville State School's 2024 Colour Run on Saturday, 23 March. After joining as a sponsor for the first time in 2023, the team had great fun being part of this fantastic event again and went through several containers of Ark Energy green paint powder at the Ark Energy station.

Congratulations to the Collinsville State School community for such a great day. We look forward to next year!



Future H2 engineers at CSHS

Ark Energy is sponsoring a team from Collinsville State High School for the Australian series of the H2 Grand Prix PRO, part of Horizon Educational's global H2GP education program.

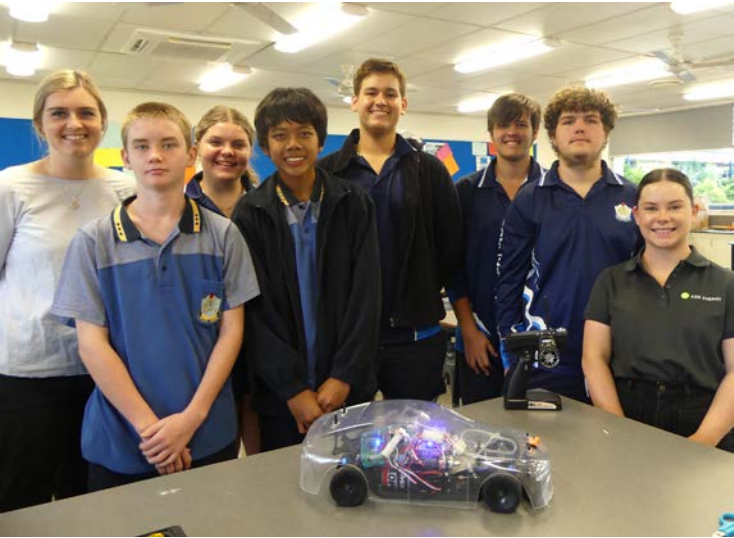
The H2 Grand Prix PRO is a STEAM-based program for high school students where they design, construct and race a remote-controlled hydrogen fuel cell electric car.

The CSHS team is preparing their car for a 4-hour endurance race against other teams from across Queensland, due to take place on the Gold Coast on Wednesday, 12 June.

Pictured below is CSHS's H2 Grand Prix PRO race team with science teacher Caroline Fern and Ark Energy's Brooke Fogarty. From left to right racing for CSHS will be: Kendrall, Kodi, Emmett, Cooper, Makka and Axel.

For more on the program go to www.h2grandprix.com.

Go team Collinsville!



Did you know? Hosting renewable energy infrastructure is a productive land use that's complementary to grazing and can provide reliable supplementary income for farmers and property owners. Livestock are unaffected by wind turbines and will often use the towers for shelter or shade.

What will the Collinsville Green Energy Hub bring to the local community?

JOBS - Expected to generate 1,000 direct and indirect jobs, including more than 350 direct jobs at peak construction and 15-30 ongoing jobs for maintenance and operations.

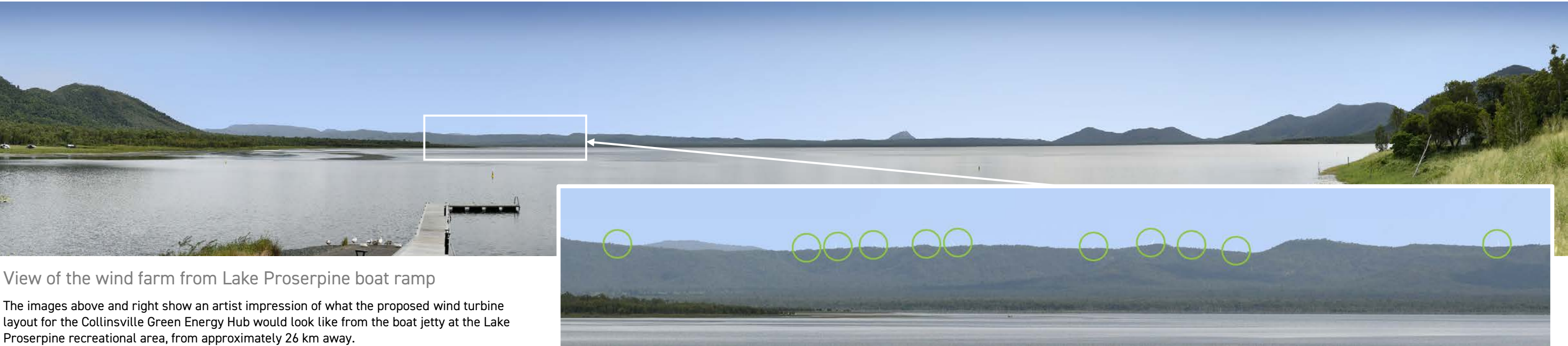
ECONOMIC BOOST – Capital investment of \$7.5 billion, expected to generate a significant economic boost for the Whitsunday, Mackay, Burdekin and Isaac Regional Council areas, including about \$1 billion in local and regional expenditure, value-add and household income. Construction would generate significant expenditure within the local, regional and Queensland economy, including work for contractors and increased patronage for surrounding accommodation, retail, service and hospitality businesses.

OPPORTUNITIES FOR TRADITIONAL OWNERS – Ark Energy works closely with First Nations stakeholders to ensure preservation of cultural heritage on project sites and where appropriate make agreements with Traditional Owner groups that will provide meaningful financial, employment and training benefits.

COMMUNITY BENEFIT PROGRAM – A program to share benefits and support local initiatives, designed in consultation with the community, with funding from the start of construction and for the life of the project.

RENEWABLE ENERGY - Renewable energy is the cheapest source of energy and more is urgently needed to meet carbon emissions reduction targets and growing electricity demand, as fossil fuel sources of electricity are retired over the next few years. Growth in renewable energy capacity will put downward pressure on electricity prices and deliver more affordable, cleaner, reliable electricity.

NET GAINS FOR ECOLOGY – A goal of Ark Energy for all its projects is to achieve a net gain for biodiversity and key species in the project area over the longer term. This includes minimising the environmental impacts and committing to tailored initiatives such as rehabilitation of the initial construction disturbance, strategic environmental offset management areas, and improved land management regimes for fire, weed and pest control.



View of the wind farm from Lake Proserpine boat ramp

The images above and right show an artist impression of what the proposed wind turbine layout for the Collinsville Green Energy Hub would look like from the boat jetty at the Lake Proserpine recreational area, from approximately 26 km away.