

Collinsville Green Energy Hub



Photograph of the project area

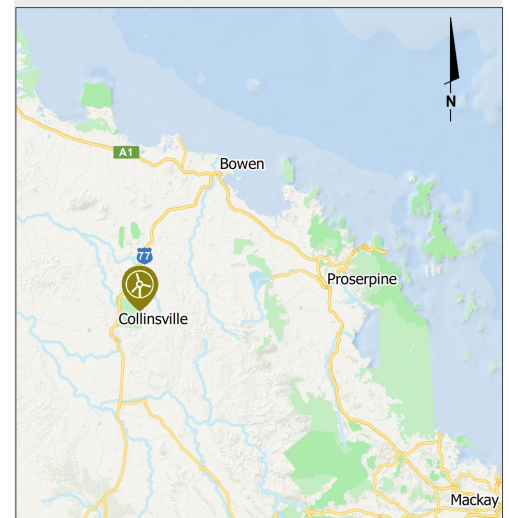
Renewable energy fun at CSHS

Ark Energy partnered with the Queensland Minerals and Energy Academy to host renewable energy workshops at Collinsville State High School for National Science Week in August. The workshops explored the fundamentals of wind, solar and hydrogen energy generation. Year 7 students used solar panels to power model-scale hydrogen cars and Year 8 students designed and constructed model wind turbines.

"We want to inspire the next generation to consider STEM pathways and highlight the many opportunities open to them in the growing renewable energy sector," said Collinsville Green Energy Hub's project manager Trina Jensen. "We look forward to being able to offer some of Collinsville's bright young minds an opportunity to work locally as part of Ark Energy's Collinsville Green Energy Hub in years to come!"



Location



The project area for the Collinsville Green Energy Hub is about 80 km south-west of Bowen. It is within the Northern Queensland Renewable Energy Zone, one of the key regions in Queensland identified as optimal for new renewable energy generation.

- Expected to generate ~\$1 billion in local and regional expenditure.
- Expected to create 350+ jobs during construction and 15-30 full-time jobs for operation.
- A significant economic boost for the Whitsunday, Mackay, Burdekin and Isaac Regional Council areas.
- Start of construction target: 2027
- Target for completion: 2030
- Capacity of up to ~3,000 MW
- Result in a net reduction in greenhouse gas emissions of 3,000,000 t CO₂-e / yr.

Information session – Saturday, 4 November 2023

Local residents and community members are invited to join the Collinsville Green Energy Hub project team for an update and to discuss this exciting project. The session will be held at the information centre in Collinsville.

9-11am Saturday 4 November 2023

Collinsville Green Energy Hub Information Centre, 47 Railway Road, Collinsville

Morning tea will be provided. To assist with catering please RSVP to info@collinsvillehub.com.au by Thursday 2 November.

Everyone is welcome. The Ark Energy team look forward to meeting attendees and the opportunity to share more information about the project and answer questions.

Planning & assessment

Queensland Government

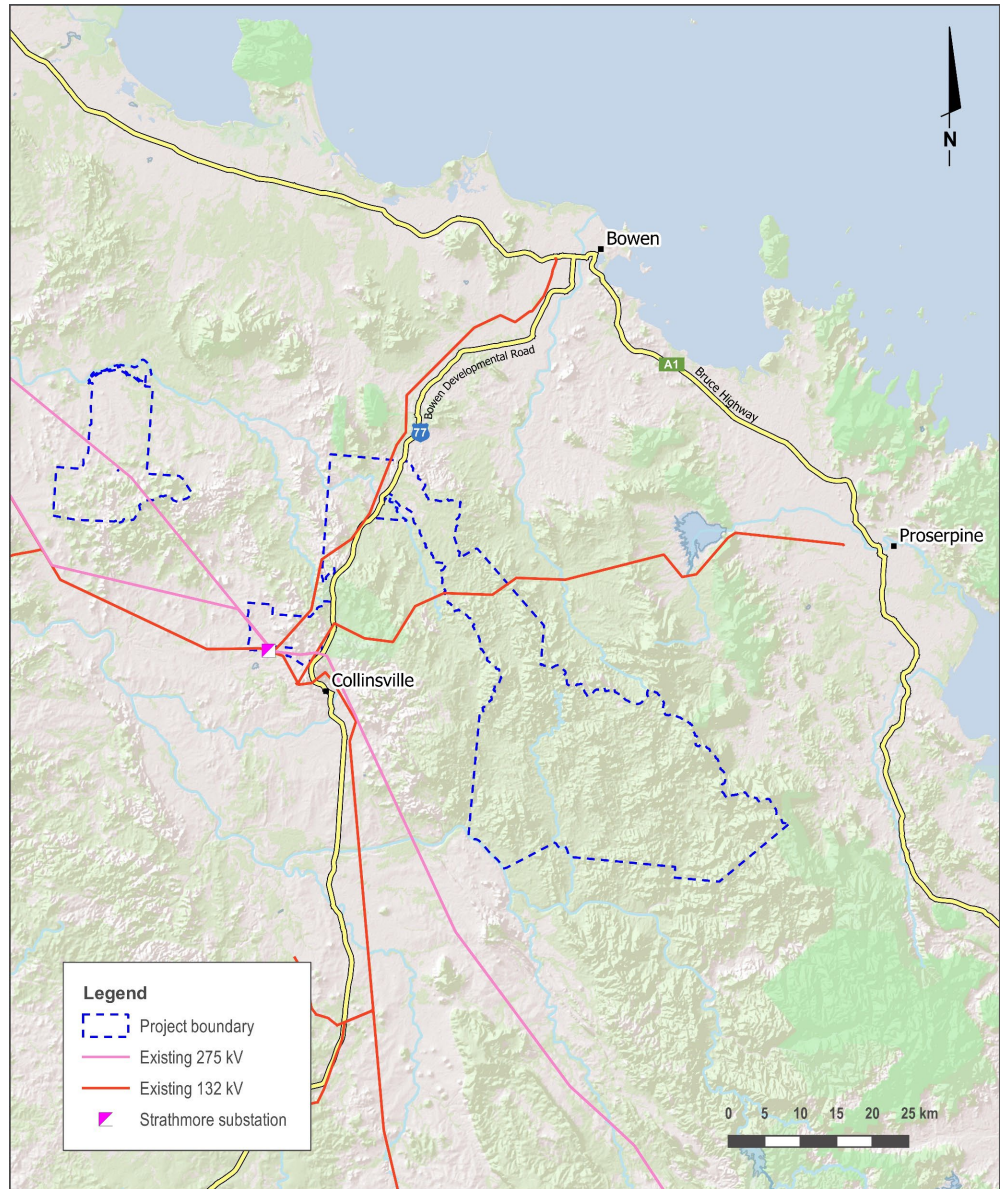
- 1 Site selection, initial concept and preliminary investigations **WE ARE HERE**
- 2 Pre-lodgment meeting with the State Assessment and Referral Agency (SARA)
- 3 Studies and technical assessments (prescribed by SARA State code 23)
- 4 Development application and assessments lodged with SARA
- 5 Request from SARA for further information (if required) and response
- 6 Assessment
- 7 Determination



Australian Government

- 1 Referral to the Department of Climate Change, Energy, the Environment and Water (DCCEEW) for review under the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act) **Est Q1 2024**
- 2 Determination and advice on assessment pathway
- 3 Preparation of assessment
- 4 Draft assessment submitted for adequacy review
- 5 Request from DCCEEW for further information (if required) and response
- 6 Assessment accepted by DCCEEW and placed on public exhibition
- 7 Response to submissions (if required) and lodgment of updated assessment
- 8 Final assessment submitted
- 9 Determination

Collinsville Green Energy Hub Indicative Project Area



Project update

Wind monitoring in the project area is continuing using mobile Sodar and Lidar units, further proving the excellent wind resource. A development application to install two 150 m high meteorological monitoring masts has been lodged with the Whitsunday Regional Council, and it is anticipated these will be installed early next year.

The project team is engaging with the project area's Traditional Owner groups to ensure best practice management of cultural heritage on the site.

In the coming months further ecology, topography and terrain mapping studies will also be undertaken. The findings from the resource monitoring and preliminary studies will continue to inform the project's design.

More information

Visit - Collinsville Green Energy Hub Information Centre, 47 Railway Road, Collinsville. Please check the website/window 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 website