

# Kidston Wind Project

The Kidston Wind Project (K3-Wind) is an up to 258MW wind farm located in Kidston, Far-North Queensland. The project will leverage existing infrastructure and co-location advantages to the Kidston Pumped Hydro Project. Along with its Joint Venture partner J-POWER, Genex are advancing the early stages of works associated with the project. K3-Wind will connect into the new 275kV transmission line being constructed by Powerlink Queensland for the Kidston Pumped Hydro Project, which is expected to be completed in 2024.

## PROJECT UPDATE

**April 2024**



## Project Development

### So far:

- Goldwind Australia have been appointed as the preferred Wind Turbine Generator (WTG) provider.
- The project has been declared a Prescribed Project by the Queensland State Government pursuant to section 76E of the *State Development and Public Works Organisation Act 1971*.
- Data collection continues at site to support modelling of the wind resource.
- The transport routes for WTG components to site have been determined. All components will travel from Townsville Port to site, with heavier components travelling via Hervey Range Road and lighter loads via Flinders Highway.
- The Connection Application for connection into the new 275kV transmission line being constructed for the Kidston Pumped Hydro Project has been submitted.
- A comprehensive site design has been developed.

### Latest Updates:

- Genex has secured two offtake Power Purchase Agreements for the project:
  - Stanwell Corporation with 50% of K3-Wind's generation for 15 years
  - EnergyAustralia with 30% of K3-Wind's generation for 10 years.
- The Environmental Protection and Biodiversity Conservation referral was submitted in February 2024.
- As part of Genex's grid connection application, K3-Wind's Generator Performance Standards package has been submitted to Powerlink.

### Still to come:

- Project receiving State and Commonwealth Approvals;
- Project receiving Offer to Connect from Powerlink;  
Final Investment Decision for the project expected in Q4 CY2024.

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## Indigenous Community Engagement

Since 2016, Genex has engaged closely with the Indigenous group in the Kidston region, being the Ewamian People #3. As part of its community engagement strategy, Genex has prioritised local job creation and support for local projects, including:

- **Talaroo Hot Springs** – Genex was the lead financial sponsor for the Talaroo Hot Springs Project, a key strategic aspiration of the Ewamian People.
- **Indigenous Engagement Strategy** – Genex has committed to achieving a minimum of 5% Indigenous employment for the Kidston Pumped Hydro Project.

Genex is working with Ewamian to achieve similar outcomes for the K3-Wind project.

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## **Transport of Over Size Over Mass (OSOM) Loads**

Turbine deliveries will start 9-12 months after construction commences. Goldwind Australia are highly experienced in OSOM load deliveries, having successfully delivered large WTG components to many wind farms in Australia in recent years.



Cattle Hill Wind Farm, 2019



Stockyard Hill Wind Farm, 2020

Key details of the OSOM load deliveries include:

- Each WTG has 13 OSOM loads, resulting in 559 OSOM deliveries for K3-Wind over a ~30-week period. One-off OSOM loads for specialist equipment will also take place.
  - Deliveries will be staggered, with specific timing to be communicated to relevant stakeholders.
  - OSOM loads will have the relevant pilots and police escorts.
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