

DINAWAN ENERGY HUB

SOLAR • WIND • BATTERY

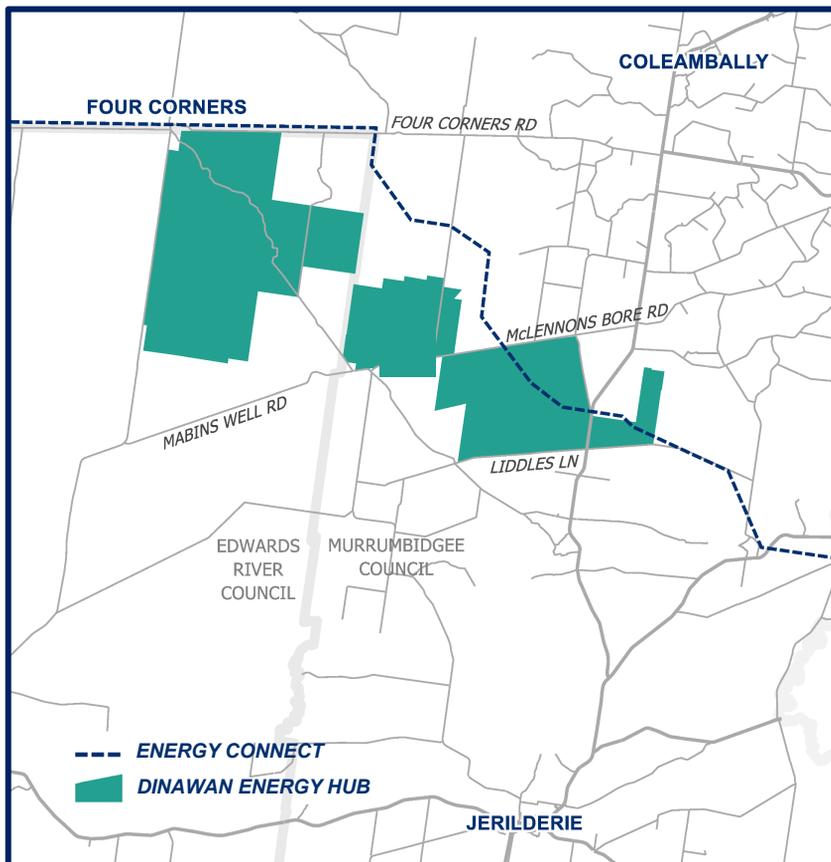


This is the first community newsletter of the Dinawan Energy Hub (DEH) – a hybrid wind, solar and battery storage project planned for an area about halfway between Coleambally and Jerilderie on the land of the traditional owners of the Murrumbidgee plains.

This newsletter is the first in a series that will keep you informed about the project, along with our project website: www.dinawanenergyhub.com

The DEH is being developed by Spark Renewables, a leading developer and long-term owner of renewable energy projects.

We will soon begin face-to-face community consultation with **drop-in sessions** to be held in Coleambally and Jerilderie from the **7th to 8th of December 2021**. Please keep reading for more details.



Newsletter
October 2021

Call us toll free on:
1300 271 419

Email:
info@dinawanenergyhub.com

Sign up to community newsletters on our website:
www.dinawanenergyhub.com

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KEY FACTS

Energy –

Clean - wind & solar
Reliable - battery storage

Generation Capacity –

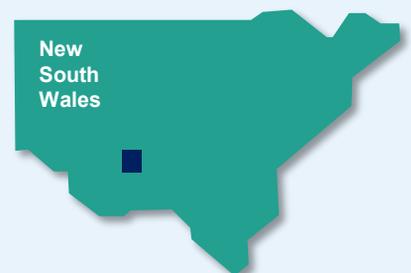
Up to 2500 MW (wind & solar)
Firming from battery

Jobs & Training –

Construction: ~1000 jobs
Operations: 50-100 jobs

Community –

Community fund
Electricity benefit scheme



What is proposed?

The solar farm would consist of photovoltaic (PV) modules mounted on single axis trackers that slowly rotate and follow the sun from east to west each day. The wind farm would consist of wind turbine generators, typically spaced about 500-1,000m apart and connected via underground cables and all-weather roads.

Once constructed, sheep would continue to graze on both the solar and wind farm land. Spark Renewables has successfully implemented this at Bomen Solar Farm north of Wagga Wagga.

A containerised battery energy storage system would be built with the solar farm, enabling electricity to be exported when the sun isn't shining and the wind isn't blowing.



How will it happen?

The DEH is considered a State Significant Development under NSW planning policy. The NSW Department of Planning, Industry and Environment (DPIE) will assess the proposal and the consent authority will be either the Minister for Planning and Public Spaces or the Independent Planning Commission.

The project must undergo a rigorous planning and assessment process, which includes preliminary and detailed environmental studies and extensive community consultation. We are only at the start of this process and are committed to working with the community and other stakeholders to identify the possible environmental, economic and social impacts of what we are proposing and any required mitigation measures.



Development Timeline

The solar farm and battery require a separate development application to the wind farm. The processes are expected to move at different paces due to the different impacts and assessment requirements for each technology. If approved, the first stage of the solar farm and battery could potentially start construction in 2024 with future solar and wind stages to follow.



* Construction would occur in multiple, smaller stages over a number of years

Drop-in Sessions

Our face-to-face open drop-in sessions will be held in the following locations from **2pm - 7pm**:

- **TUESDAY, 7 DECEMBER: COLEAMBALLY BOWLING CLUB AUDITORIUM**
- **WEDNESDAY, 8 DECEMBER: JERILDERIE COUNCIL HALL (IAN GILBERT ROOM)**

You are welcome to drop in at any time to meet the Spark Renewables team, ask questions and obtain information about the DEH.

If you are unable to make these drop-in sessions, contact us at info@dinawanenergyhub.com or 1300 271 419 to have a chat or organise another time to meet.



Community Consultation

Spark Renewables is committed to engaging respectfully with the communities in which we plan and operate projects, to be sensitive to environmental and cultural values, and to make a positive contribution to the regions in which we operate.

Land at the DEH project site is flat, relatively remote and expansive – this allows for flexibility in wind and solar farm design based on the community's feedback.

We will be engaging with the community, stakeholders and Traditional Custodians throughout the development process via drop-in sessions, briefings, meetings, newsletters, our project website, and social media.



Bomen Solar Farm, NSW – owned and operated by Spark Renewables

Renewable Energy Zones (REZs)

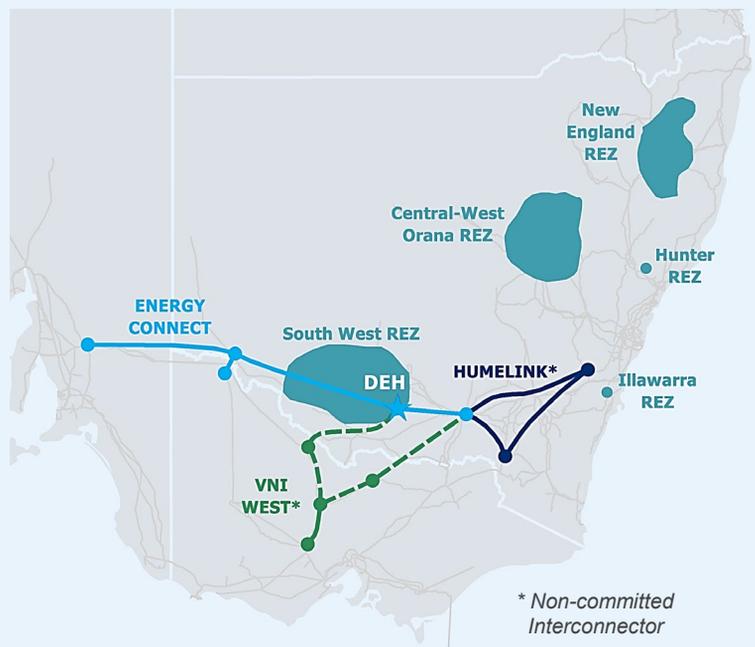
REZs are modern-day power stations combining renewable energy generation and storage (e.g. batteries) to deliver energy to the homes, businesses and industries around the state.

By connecting multiple generators and storage in the same location, REZs deliver cheap, reliable and clean electricity for homes and businesses in NSW.

There are five priority REZs in NSW, as shown on the map alongside. The DEH is within the South-West REZ.

Find out more at:

www.energy.nsw.gov.au/renewables/renewable-energy-zones



The DEH has the potential to power more than one million Australian homes per year and offset the emissions of more than five million tonnes of CO₂

PROJECT OVERVIEW

Project Scope

Technology –	<ul style="list-style-type: none">• Solar• Wind• Battery	<ul style="list-style-type: none">• Project to be constructed in multiple, smaller capacity stages
Connection –	<ul style="list-style-type: none">• The DEH would connect to the new EnergyConnect interconnector which will run between Robertstown, SA and Wagga Wagga, NSW.	

Socio-Economic

Benefits –	<ul style="list-style-type: none">• A large community fund, to support local businesses and green initiatives.• An electricity benefit scheme to provide the region with cheaper electricity.• Ongoing consultation with the community will help to scope and refine commitments throughout the lifetime of the project.	
Commitments to First Nations representatives –	<ul style="list-style-type: none">• Involvement of Traditional Custodians in project design and planning.• Guaranteed ongoing access to sites of significance.• Employment opportunities for Aboriginal & Torres Strait Islander workers.• Restore the land at the end life of the project.	
Jobs & training –	<ul style="list-style-type: none">• Commitment to engaging local labour and services wherever possible.• Estimated 1,000 jobs across the construction of all stages and between 50 and 100 ongoing jobs.	
Off-site impacts –	<ul style="list-style-type: none">• Spark Renewables is mindful of the impacts on nearby towns during construction, including accommodation and traffic.• We will work with the local councils and businesses to ensure a positive and sustainable economic benefit to the local community.	
Land use –	<ul style="list-style-type: none">• Wind and solar farm land would continue to be grazed by sheep and other agricultural activities incorporated wherever possible.	

Who is Spark Renewables?

Spark Renewables is a developer and owner of renewable energy generation.

Our operational portfolio comprises the 100MW Bomen Solar Farm near Wagga Wagga which commenced operations in 2020, and our development portfolio includes wind, solar and storage projects in the National Electricity Market.

Spark Renewables is owned by the Spark Infrastructure Group. Spark Infrastructure is an owner of leading essential energy infrastructure, including generation, transmission and distribution infrastructure across Australia.

Spark Renewables is a member of the Clean Energy Council (CEC) and a signatory to the CEC's Best Practice Charter for Renewable Energy Developments.

CONTACT

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