Territory
Renewable Energy

Darwin Renewable Energy Hub

As the world heads towards a cleaner, renewable future, the Northern Territory is in a prime position to capitalise on the economic opportunities this presents.

A diverse mix of renewable energy resources, battery storage and traditional thermal gas generation ensures energy security, downward pressure on electricity costs, and job opportunities for Territorians.

The Darwin Renewable Energy Hub (REH) is a key initiative in the Territory to boost renewable energy generation while lessening greenhouse gas emissions as we transition to a net zero world.

The Hub will play an important role in delivering more affordable, secure and cleaner energy for Territory households and businesses connected to the Darwin-Katherine electricity system.

What is the REH?

The Hub will co-locate up to six large-scale solar farms near existing transmission infrastructure to maximise generation and minimise connection costs.

Once completed, the Hub will have the capacity to generate up to 180 – 210 megawatts of renewable energy.

All the electricity produced will be fed directly into the Darwin-Katherine grid, supplying renewable power to Territory households and businesses.

GREENHOUSE GAS EMISSIONS

880,000 tonnes of CO^2 equivalent gas emissions avoided each year from the Hub.

This is equivalent to 3.6 billion kilometers travelled by a passenger car or 14.5 million trees grown for 10 years.

PROJECT BENEFITS

- **Local supply chain spend of over $400 million during the construction phase**
- **Reliable and secure future energy supply for the Territory**
- **Reduce greenhouse gas emissions**
- **Attract private investment and create local jobs**
- **Downward pressure on cost of electricity**

NORTHERN TERRITORY GOVERNMENT

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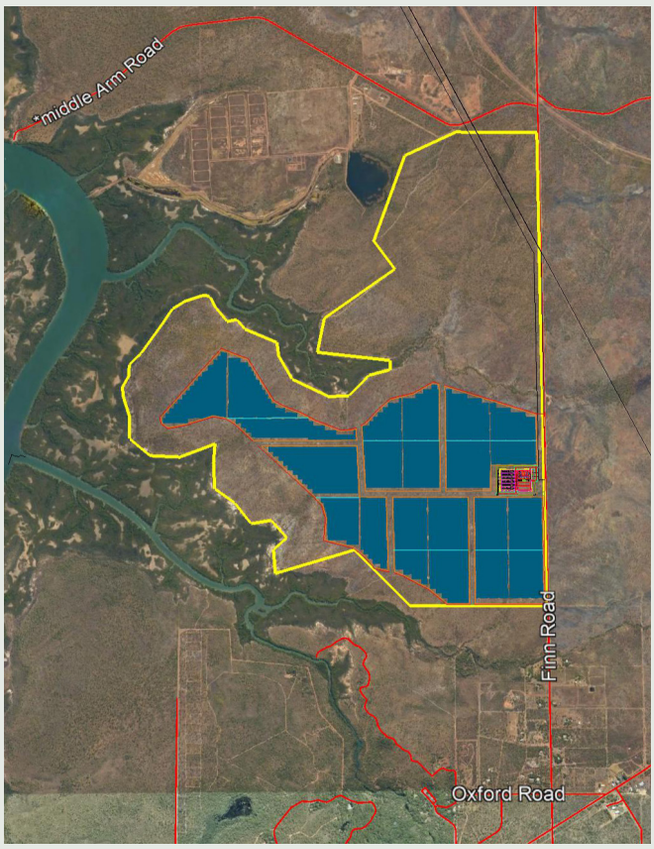
Darwin Renewable Energy Hub

The proposed site for the Darwin RE Hub is 940 hectares located on the west side of Finn Road, 30km south of Darwin CBD, 19km south of Palmerston and 4km north of Berry Springs. The site is zoned for light industry under the Darwin Regional Land Use Plan.

The site was chosen following a rigorous and comprehensive site selection process that prioritised environmental, economic, social, culturaland heritage impacts.



Key facts

Total RE Hub	940ha
Potential development	~500ha
Crown land	100%
Distance of transmission corridor	15km
Generation capacity	180-210mw

Why the proposed site for the Darwin Renewable Energy Hub?

- Alignment with planned major projects in the region
- Proximity to existing network connection infrastructure
- Minimise impact on nearby residents and local community
- Maximise energy security and reliability
- Land size and relatively flat terrain
- Minimise environmental impact
- Maximise economic efficiency and viability

To provide feedback, visit haveyoursay.nt.gov.au

Phone: 8999 5374 or go to territoryrenewables.nt.gov.au

NORTHERN TERRITORY GOVERNMENT