

# Alinta Energy Chichester solar gas hybrid project

NAIF Loan: Up to \$90m. Investment Decision: February 2019.



## About the Project

This project will build a new solar photovoltaic generation facility at the Chichester Hub iron ore operations, as well as a 60-kilometre transmission line linking the Christmas Creek and Cloudbreak mining operations in the Pilbara with the existing high voltage transmission network and Newman gas-fired power station and 35MW battery facility.

The project is expected to displace 100 million litres of diesel generation annually from the Pilbara delivering a cleaner, more affordable, and more connected energy supply.

This ground-breaking project is the result of joint efforts between Fortescue Metals Group, Alinta Energy and Downer, with funding contributions from NAIF, Australian Renewable Energy Agency (ARENA) and state and federal governments.

## Economic Impact

- Independent analysis has forecast public benefits of \$221m.
- Important step towards a broader interconnected network across the Pilbara with the potential to improve accessibility, efficiency, reliability and costs across the region for both businesses and residents.

## Indigenous Engagement

- Targets of 3% employment (project labour hours) and 3% procurement supported by an Indigenous Participation Plan that engineering, procurement and construction contractors working on the project must comply with.
- Investment in a range of strategies to support Indigenous training and education throughout the operations phase of the project.

### Project:

Solar farm, electricity substation and transmission lines

### Location:

Western Australia

### Sector:

Energy

### Total Project Value:

\$188m

### Economic Impact:

\$221m

### Jobs:

Around 200 construction jobs

“This is an amazing project. Displacing diesel generation with clean solar energy has never been tried at this scale in Australia.”

Scott Thomas, Alinta Energy GM Power Generation

Find out more at  
[naif.gov.au](http://naif.gov.au)