

## **ASX Announcement**

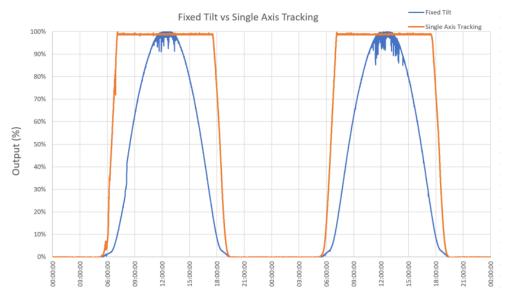
25 January 2019

# **Northam & Delamere Project Completions**

- Northam Solar Farm receives Approval to Operate
- Delamere Microgrid achieves Practical Completion

#### **Northam Solar Farm**

Carnegie Clean Energy Limited (ASX: CCE) is pleased to advise that the Northam Solar Farm has received Approval to Operate from Western Power. The system began exporting to the grid in November and has been performing well, producing over 4000 MWh. The additional generation gained due to the single axis tracking system selected for the project has been evident with the system's output quickly ramping up in the morning. Interested parties can find out more about the project, including some visuals on the "Progress" page at www.northamsolar.com.



Two days of operation on January 14 & 15<sup>th</sup> showing power output comparison. Orange line showing Northam Solar Farm data with single axis tracking, blue line showing another EMC solar farm with fixed system.

## **Delamere Microgrid**

The Delamere Microgrid built at the Delamere Air Weapons Range in the Northern Territory is fully operational and has achieved practical completion. EMC was awarded a contract to design, construct and install a Microgrid System at the Delamere Air Weapons Range in the Northern Territory of Australia in a competitive tender process in 2017. This innovative solar, battery and diesel off-grid microgrid system is now supplying high penetration solar power to approximately 200kVA peak load and is delivering reliable, 24/7 power resulting in diesel consumption savings.





Solar Panels at Delamere Microgrid

#### **About Northam Solar Project**

The Build, Own and Operate 10MW Solar Power Station in Northam, Western Australia, consists of approximately 34,000 solar panels constructed on 25 hectares of strategically located land to deliver approximately 24,000MWh of electricity per annum for at least the next 25 years. The system is utility scale battery storage ready. This is the first large scale solar project to be delivered by the EPC Joint Venture between Carnegie Clean Energy's wholly owned subsidiary Energy Made Clean and leading property and infrastructure company Lendlease. The Northam Solar Farm is owned by Carnegie, Indigenous Business Australia (IBA) and Bookitja.

#### **Carnegie Clean Energy Limited**

Carnegie Clean Energy Limited is an Australian, ASX-listed (ASX: CCE) wave energy technology developer and solar/battery microgrid project developer. Carnegie is the 100% owner and developer of the CETO Wave Energy Technology intellectual property and is also 100% owner of Australian battery/solar microgrid Engineering Procurement and Construction (EPC) company Energy Made Clean (EMC). EMC specialises in the delivery of mixed renewable energy microgrid projects to islands and remote and fringe of grid communities.

# **About Indigenous Business Australia**

IBA is a commercially focused organisation. Our vision is for a nation in which the First Australians are economically independent and an integral part of the economy.

Economic independence for Aboriginal and Torres Strait Islander peoples is at the heart of what we do. Our programs assist Indigenous Australians to buy their own homes, be successful in business and invest in commercial ventures that provide strong financial returns.

We're deeply invested in the financial success and economic independence of our customers and partners at every step of their journey - it's why we exist.

#### About Bookitja

Bookitja is an incorporated association registered under the Associations Incorporation Act 1987 (WA) with a primary objective to engage in major enterprise acquisition and economic development projects, to provide a sustainable economic base for future generations of Whadjuk people in the Perth region.



# **About EMC/Lendlease Services Joint Venture**

In December 2016, Energy Made Clean signed a 50/50 Joint Venture Agreement with Lendlease's Services business. This JVA is providing opportunities for EMC to increase its capacity to bid for and deliver a broader range of solar, BESS and microgrid opportunities within Australia, including increased access to the National Energy Market (NEM), leveraging Lendlease's national footprint across Australia. Lendlease's Services business has approximately 3,000 people and has a presence in every Australian state and territory.

### For more information:

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