

ASX Announcement

19 March 2018

NERA grant funding for offshore platform solar installation

- \$471,000 project on ENI's Blacktip Wellhead Platform in the Southern Bonaparte Basin
- The project integrates solar PV to reduce costs and carbon dioxide emissions and to improve system availability

Carnegie Clean Energy Limited (ASX: CCE) is pleased to advise that the National Energy Resources Australia (NERA) has announced it has approved funding to Carnegie Clean Energy Limited for Securing Platform Power Supply with Renewable Energy.

Carnegie Clean Energy and Eni Australia will improve system security through the integration of solar PV at the Blacktip Wellhead Platform in the Southern Bonaparte Basin. The platform currently makes use of an uninterruptable power supply consisting of turbogenerators feeding a battery bank. The project aims to integrate solar energy technology to reduce the total hours of turbogenerator operation and reduce costs associated with cold starts, leading to a reduction in carbon dioxide emissions and improving system availability. If successful, the innovative approach could provide a model for securing power availability in high-risk offshore environments.

NERA CEO Miranda Taylor said,

"Carnegie Clean Energy's solution for Eni Australia's Blacktip Wellhead Platform is an example of NERA's drive to support innovation and new technology across Australia's energy resources sector. The Federal Government, through NERA, has provided \$200,000 of industry matched-funding to deliver clean and reliable power across the Platform. Until now, the use of traditional power generation has dominated offshore oil and gas facilities but this project demonstrates the possibilities and opportunities that can come from integrating renewable energy into offshore assets."

Carnegie's Managing Director, Dr Michael Ottaviano said,

"We are seeing the range of applications for clean technologies extend further as their cost competitiveness and reliability continue to advance and are better understood by customers. Solar and battery systems are increasingly being considered for new applications, particularly in remote locations that are expensive and difficult to access. Eni has shown leadership in this space."

About NERA

National Energy Resources Australia (NERA) has been established to maximise the value to the Australian economy by having an energy resources industry that is globally competitive, sustainable, innovative and diverse. NERA supports sustainable development of the oil, gas, coal seam gas, coal and uranium sectors in Australia.

Through a national focus, NERA's role is to grow collaboration and innovation to assist the energy resources industry manage cost structures and productivity, direct research to industry needs, deliver the future work skills required and promote fit for purpose regulation.

NERA is one of six Growth Centres established by the Australian Government under the Industry Growth Centres Initiative. It is an incorporated not-for-profit company governed by a board of industry experts to help drive projects to benefit the whole energy ecosystem in Australia.

About Eni

Eni S.p.A. multinational Oil & Gas company headquartered in Rome, Italy. It is considered one of the global supermajors, it has operations in 73 countries, with a market capitalisation of US\$55 billion, as of June 30, 2017. Eni constantly ranks among the top 100 on Fortune Global 500 list for largest companies by revenue.

About Carnegie Clean Energy Limited

[Carnegie Clean Energy Limited](#) is an ASX-listed (ASX: CCE) solar energy, battery storage and wave energy, project developer with over 10,000 Australian shareholders. Carnegie is the 100% owner and developer of the CETO Wave Energy Technology intellectual property and is also 100% owner of leading 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. Carnegie is the only company in the world to offer a combination of wave, solar, wind, battery storage and desalination via microgrids which are ideally suited to islands, off grid communities and fringe of grid locations. Within Australia, Carnegie delivers its solar energy and battery storage projects via a joint venture between Energy Made Clean and multinational property and infrastructure company Lendlease (ASX: LLC).

For more information:

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