

## ASX Announcement

6 July 2017

### **Carnegie's Energy Made Clean secures a multimillion dollar contract for microgrid at Delamere Air Weapons Range**

**Carnegie Clean Energy Limited (ASX:CCE) is pleased to announce that its wholly owned subsidiary, Energy Made Clean (EMC) has been awarded a contract to design, construct and install a Microgrid System at Delamere Air Weapons Range in the Northern Territory of Australia.**

EMC has been awarded a contract by Lendlease Building Pty Ltd (Lendlease) as Managing Contractor on behalf of the Department of Defence to design, construct, install and integrate a solar, diesel and battery energy storage system (BESS) microgrid at the Delamere Air Weapons Range, located approximately 400km south of Darwin, NT. The hybrid power system will supply high penetration solar power to approximately 200kVA peak load and deliver a 61% diesel consumption savings. The design is based on proven technology and control platforms that EMC has been integrating over the last three years.

This project will be the second Department of Defence contract for a renewable energy hybrid microgrid system, following on from the Bathurst Island project that EMC delivered in 2015 for a 35kVA peak load system with remote monitoring facilities.

CEO of EMC, Mr John Davidson said:

"We are delighted to be working with Lendlease Building and the Department of Defence to supply reliable renewable energy with significant cost saving benefits. This system has wide reaching application, with the ability to be replicated in similar utilities bases throughout Australia."

The CEO of Carnegie, Dr Michael Ottaviano said:

"Off-grid, renewable based microgrids are cheaper, cleaner and more secure than current diesel powered systems. Every diesel powered load should be running a renewable microgrid. This project is a great example of the larger, more complex systems where Carnegie and EMC are demonstrated leaders."

The project is due for completion in mid-2018.

#### **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).

**About Energy Made Clean**

Energy Made Clean is a leading solar and battery microgrid developer providing off-grid power and utility scale solutions. Recently named one of Australia's most innovative companies by the Australian Financial Review, EMC specialises in the delivery of mixed renewable energy microgrid projects, ideally suited to island, remote and fringe of grid communities. EMC offers an end to end renewable energy solution, dedicated to in-house research and development, custom design, construction, operation, maintenance and monitoring.

**For more information:**

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