

ASX Announcement

28 September 2018

MAJOR PROJECTS, PAYMENTS AND ASSET SELL DOWN UPDATE

- Albany milestone variation agreed with WA State Government
- Northam Solar Farm construction nears completion and on track for Q4 commissioning
- IBA acquires increased stake in Northam from Carnegie
- Garden Island Microgrid commissioning underway with operations targeting Q4
- CSIRO Pathfinder and RAF Delamere projects operational

Carnegie Clean Energy Limited (ASX: CCE) is pleased to provide an update on its major projects.

CETO and Albany Wave Energy Project

Carnegie has now received confirmation from the WA State Government of approval of \$2.625 million milestone payment as part of a variation to the first \$5.25m AWEP project milestone. The remaining procurement activities associated with the balance of the first milestone, and more generally, the timing of the delivery of AWEP is being impacted by the uncertainty associated with the proposed changes to the Federal Government's R&D Tax Incentive scheme. Please refer to Carnegie's announcement from September 21st for a summary of current Albany project and CETO technology activities.

Northam Update and Partial Sale

Carnegie is pleased to advise its major co-owner in the Northam Solar Farm, Indigenous Business Australia (IBA), will acquire an additional stake from Carnegie for approximately \$2.5 million. The exact equity amount to be purchased will be determined over the coming weeks once an independent valuation process has been completed.

The 10MW Northam Solar Farm construction works are now well advanced and the project remains on track to commence commercial operations in the last quarter of the 2018 calendar year as previously communicated. Construction progress on site includes more than 90% of solar modules and tracking systems now installed, all four medium voltage substations and invertors installed and grid connections works complete. Site acceptance testing is also well progressed ahead of project commissioning.

Interested parties can find out more about the project at www.northamsolar.com



Northam Solar Farm in September 2018

Image: HEX Drone Solutions

Garden Island Microgrid

As previously reported, the 2MW solar PV and 2MW/0.5MWh battery system construction on and pre-commissioning of both systems complete on Garden Island. Final cabling installation work has now also been completed. Delays continue to be experienced as a result of parallel infrastructure upgrades at HMAS Stirling however complete system testing is underway ahead commissioning and final approvals from Department of Defence and Western Power in December 2018. Carnegie maintains its 100% ownership of the Garden Island Microgrid as part of the recently announced proposed merger of Carnegie's EMC subsidiary with ASX-listed Tag Pacific.



Garden Island Microgrid at HMAS Stirling

Delamere

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. The solar and battery microgrid is now complete and the battery energy storage system (BESS) has been operational since August 2018. Final practical completion is expected to be achieved in Q4 once other works associated with the base upgrade are further advanced.



Delamere Microgrid Project

CSIRO Pathfinder Microgrid

EMC was awarded a contract to design, construct and install a Microgrid System at the CSIRO's Square Kilometre Array Pathfinder project. The project achieved practical completion in August 2018 and has been operational since then. The system is remotely monitored 24/7 by the operations and maintenance team who are also managing a punch list of works that will be completed during the 12 month defects and liability period.



CSIRO Pathfinder Microgrid

About 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. Carnegie recently announced the merger of its battery/solar microgrid Engineering Procurement and Construction (EPC) company Energy Made Clean (EMC) with ASX-listed Tag Pacific. Subject to the completion of this transaction, Carnegie shareholders will receive shares in Tag Pacific, to be renamed MPower. MPower will be a leading microgrid, renewables and battery storage specialist in Australia and across the region.

For more information:

Terry Stinson
Chairman
Carnegie Clean Energy Limited
+61 8 6168 8400
enquiries@carnegiece.com
www.carnegiece.com
www.northamsolar.com