

ASX Announcement

21 February 2018

\$3m South Australian Grant for Elizabeth Microgrid

Highlights:

- Award of \$3 million government grant for a utility battery system in South Australia
- Design, construct, operate and maintain a 2MW/500 kWh Battery Energy Storage System
- Site is former GM Holden manufacturing facility in Elizabeth in Adelaide

Carnegie Clean Energy Limited (ASX: CCE) is pleased to announce that it has been awarded a \$3 million Government grant to design, construct, operate and maintain a 2MW/500kWh Battery Energy Storage system (BESS) at the General Motors Holden Site in Elizabeth, South Australia. The grant has been awarded from the Renewable Technology Fund, part of the South Australian Government's Energy Plan.

The BESS will provide a unique demonstration of grid-support services in times of peak demand and will operate alongside the existing diesel fuelled back up generators at Elizabeth. The facility offers key advantages of traditional diesel run gas turbines for grid support, offering significant savings in standby fuel consumption, greenhouse gas emissions, low maintenance, low noise pollution and faster response to grid support events.

The facility is based on Carnegie's standardised 2MW grid support BESS, capable of expansion up to the 10's and 100's of MW. Carnegie is also working closely with the new owner of the General Motors Holden Site to develop a rooftop solar system of initially 3MW in capacity, which could be expanded to 10-15MW if deployed across the site's available roof space. Works will commence immediately on design and grid connection for the BESS and are forecast to complete by December 2018.



Project location at former General Motors Holden Site in Elizabeth, South Australia

South Australian Premier, the Hon Jay Weatherill said,

“This solar and battery project by Carnegie is part of a wave of new investment in South Australia we have leveraged through the \$150 million Renewable Technology Fund announced as part of our energy plan.”

“Renewable energy projects like this also reduce demand on the grid during peak times, which puts downward pressure on power prices for all South Australians. This project is symbolic of the broader transition we are seeing in our economy away from traditional manufacturing towards high-tech industries creating jobs of the future for South Australians.”

Carnegie’s Managing Director Dr Michael Ottaviano said,

“We are fielding an increasing number of opportunities that historically were performed by diesel or gas turbines, for which battery systems are now increasingly competitive. The CCE battery solution offers faster response time, lower operating cost, no greenhouse gas pollution, and silent operation. This is Carnegie’s first project in South Australia and means we are now delivering projects right across Australia.”

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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