

Redflow Limited

ACN 130 227 271



23 January 2018

ASX Market Announcements

Redflow produces first battery stacks in Thailand

Australian battery company Redflow Limited has achieved a second manufacturing milestone by successfully producing the first battery electrode stacks from its new factory in Thailand.

The battery stack is a critical part of the Redflow ZBM2 zinc-bromine flow battery, containing electrodes that charge and discharge the battery by “plating” and “deplating” zinc on a membrane - a process that can sustain 10 kilowatt-hours of energy storage capacity throughout the battery’s operating life. Redflow produced its first battery components from the factory last month.

Redflow reports that the factory has set up and qualified its battery stack machines and processes, optimising them for Thai environmental conditions.

Redflow Limited Managing Director and CEO Richard Aird said assembly of the battery stacks in Thailand had gone according to plan. “The manufacturing team is very happy with the consistent quality and acceptable yield metrics of the stack line,” he said.

As per the timeline outlined at Redflow’s 2017 Annual General Meeting, achieving this battery stack milestone means that Redflow’s Thai factory is on track to progressively validate quality components and sub-assemblies so it can produce complete batteries by June 2018.

Redflow last year decided to relocate its battery manufacturing from North America to Thailand, to be closer to its most lucrative markets, in Australia, Oceania and southern Africa, and to reduce production costs. Redflow’s Thai subsidiary has signed a three-year lease on a 1500-square-metre building at the Hemaraj Chonburi Industrial Estate, part of the IEAT free trade zone, 110km southeast of Bangkok and 25km from the Laem Chabang deep sea container port.

Richard Aird
CEO & Managing Director, Redflow
Phone: +61 7 3376 0008
Email: richard.aird@redflow.com

For personal use only