



ASX Announcement

23rd December 2020

Redflow commences first customer trial of new Gen3 battery

Redflow Limited (ASX: RFX) is pleased to announce the commencement of the first customer trial of its new Gen3 battery.

Using two new Gen3 batteries, the trial will take place in Mount Tamborine in Queensland where Redflow already has four Gen 2 batteries supporting an off-grid energy system with end customer James Emmett. The two new Gen 3 batteries at the Mount Tamborine site will run for a number of weeks before returning to Redflow for further analysis and testing.

Commenting on the deployment, Redflow CEO and Managing Director Tim Harris said: "This is an important development milestone for Redflow's Gen3 battery to become customer and production ready in 2021. Having previously outlined our goal to commence customer trials of the Gen 3 battery by the end of 2020, we are pleased that the Gen 3 battery development and program is on track. There is no substitute for real life customer testing and this trial will be very valuable to understand how the Gen3 battery performs in a live environment."

"With Gen3, we are confident of achieving a 30% reduction in manufacturing costs through supply chain and engineering productivity impacts. We also believe further savings can be targeted through further production and scale benefits. The Gen3 battery will underpin Redflow's ability to expand into larger systems and more rapidly increase take-up of our world-leading Australian technology."

A video outlining the Mount Tamborine Gen 3 battery trial can be found here.

<https://youtu.be/OCSa4yNNOWI>

Authorised for release to the ASX by the Chairman and Managing Director

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About Redflow

Redflow Limited, a publicly-listed Australian company (ASX: RFX), produces zinc-bromine flow batteries that tolerate daily hard work in harsh conditions. Marketed as ZCell and ZBM2, Redflow batteries are designed for deep cycling, long-duration stationary energy storage applications in the commercial & industrial and telecommunications sectors, and are scalable from a single battery installation through to grid-scale deployments. Redflow batteries are sold, installed and maintained by an international network of energy system integrators. Redflow's smart, self-protecting batteries offer unique advantages including secure remote management, 100% daily depth of discharge, tolerance of high ambient temperatures, a simple recycling path, no propensity for thermal runaway and sustained energy delivery throughout their operating life.