RedFlow Limited
ACN 130 227 271

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Company Announcements Office

Australian Securities Exchange

RedFlow targets wider applications with new advances

Over the past few months we have further improved our ZBM battery in response to customer requirements and feedback. This has resulted in a product which is now easier to manufacture as well as being more flexible to use in finished energy storage systems.

The existing ZBM had a number of key components (such as the pumps) which required an auxillary AC power supply (such as a grid connection or a generator). Alternatively, if there was no auxillary AC power supply, the power from the battery was converted from DC to AC to power these components but this conversion resulted in energy losses affecting the available energy and ultimately the business case for the customer.

Working with our suppliers, all electrical components on the battery are now DC powered and all components that previously required an auxillary AC power supply have been replaced with DC components, including the pumps. Customers who already have energy storage systems developed using AC componentry will be able to receive either of these batteries as their applications require.

This improvement will see additional applications in the following segments (amongst others) now having a more compelling reason to consider our product as economic returns, ease of use and functionality are further enhanced. Examples include:

- telecommunication towers - where grid supply is not available or is unreliable,
- residential applications - where grid outages are regular events, and
- renewable integration for remote and rural sites.

In addition, the following markets are now also able to be targeted:

- the emerging market of DC powered microgrids, and
- uninterruptable power supply (UPS) markets.

We are not aware of any other flow battery offering a fully DC component battery.

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Combined with recently announced improvements in the electrode life, the Company believes it has a product that is superior to other flow batteries as well as other technologies for relevant applications. With future planned cost downs and improvements from collaboration partners, it is expected that future advances will improve the product offering and commercial proposition further.

Yours faithfully

REDFLOW LIMITED

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About RedFlow

RedFlow is a leading developer and manufacturer of zinc-bromide flow batteries.

RedFlow's standard 3kW/8kWh zinc-bromide battery module (ZBM) is designed to be integrated into electricity storage systems for a range of stationary applications.

The ZBM's specific characteristics of daily deep charge and discharge capability make them ideal for storage of intermittent renewable energy, managing peak load on the grid as well as for supporting off-grid power systems.

More information can be found at www.redflow.com