



Nauru redflow x10 battery

Will Redflow's new X10 battery work at Stanwell's Future Energy & Innovation Hub?

A feasibility study will conduct technical and commercial due diligence for an initial 5 MWh project using Redflow's new X10 battery solution at Stanwell's Future Energy and Innovation Training Hub being built at the coal-fired Stanwell power station site near Rockhampton in central Queensland.

Is Redflow launching a new X10 battery?

At a quarterly investor briefing in January outlining the company's four-year "path to profitability plan," Redflow flagged a bigger, better "next generation" zinc bromide flow battery in the works called X10 that would be competitive with all large-scale battery technologies on the market, including lithium.

Will Redflow's X10 battery be used in a 400 MWh project?

The two parties intend to then deploy Redflow's X10 battery for use in a 400 MWh large-scale project at a site that has yet to be revealed. Redflow said the X10 is the "natural evolution" of its current zinc-bromine battery systems and designed for larger-scale projects.

Is Redflow a 'next generation' lithium battery?

Australian long duration energy storage contender Redflow says it has a bigger, better "next generation" zinc bromide flow battery in the works that will be competitive with all large-scale battery technologies on the market, including lithium.

What is Redflow X10?

Redflow said the X10 is the "natural evolution" of its current zinc-bromine battery systems and designed for larger-scale projects. The system utilises the core stack technology that was developed for the company's ZBM3 battery unit but in a new form designed for large-scale deployments.

What is Redflow battery technology?

Founded in 2008, Redflow designs flow battery technology that offers a much longer duration, safer and longer lasting alternative to lithium ion. Its batteries use water-based electrolytes, which act as a fire retardant, making them ideal for critical infrastructure like hospitals, power stations and military bases.

Redflow and Stanwell will collaborate on the development and deployment of Redflow's new X10 battery solution for use in a large-scale project of up to 400 MWh, which will serve as a potential anchor order for Redflow's planned manufacturing facility in Queensland. ... The feasibility study is scheduled to be completed in early 2025 ...

Queensland's largest energy generator Stanwell Corporation has agreed to assist clean energy storage company Redflow (ASX: RFX) with the development of its X10 long-duration battery for use in a large-scale facility to ...

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Australian long duration energy storage contender Redflow says it has a bigger, better "next generation" zinc bromide flow battery in the works that will be competitive with all large-scale ...

The grant was allocated as part of Queensland's \$100m critical minerals and battery technology fund. It will contribute to the project's total expected capital cost of \$3.2m. Non-lithium options. Redflow chief executive officer Tim Harris said the company was proud to be partnering with Stanwell on the development of the X10 battery.

Redflow, the Australia and US-based energy company, and utility company Stanwell are to jointly develop and deploy Redflow's new X10 flow battery solution for use in a large-scale project of up to 400MWh.. The battery has the core stack technology as the company's ZBM3 battery. It is redesigned for large-scale deployments. This will serve as a ...

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In a memorandum of understanding (MoU) signed on Tuesday, the two companies will undertake a pre-feasibility study for an initial 5 MWh project using Redflow's new X10 battery at the Stanwell ...

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Redflow, the Australia and US-based energy company, and utility company Stanwell are to jointly develop and deploy Redflow's new X10 flow battery solution for use in a ...

However thoughts of local manufacture are a long way off with Redflow's announcement highly qualified Stanwell and Redflow will undertake a "preliminary due diligence pre-feasibility study" for an initial 5 MWh project using Redflow's new X10 battery at the Stanwell Future Energy Innovation Training Hub (FEITH) near Rockhampton, Queensland.

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Brisbane-headquartered zinc-bromine flow battery producer Redflow has entered into voluntary administration after it was unable to attract capital to scale up its X10 battery to target larger MWh scale projects.

Australian zinc-bromide flow battery manufacturer Redflow has ceased operations with administrators unable



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to find a buyer. Administrators Richard Hughes and David Orr from Deloitte had been appointed in late August at the Australian Securities Exchange (ASX) listed technology company after Redflow failed to raise enough equity to fund a ...

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o The MOU sets out Redflow's and Stanwell's intention to collaborate on the development and deployment of Redflow's X10 battery for use in a 400 MWh large-scale project, which will serve as a potential anchor order for Redflow's planned manufacturing facility in ...

Queensland-based zinc-bromine flow battery producer Redflow has entered voluntary administration after it was unable to attract capital to scale up its X10 battery. In March 2024, Redflow was awarded AUD 1.1 million (\$740,000) from the Queensland Critical Minerals and Battery Technology Fund, to develop and build a large scale version of the ...

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Redflow, the Australia and US-based energy company, and utility company Stanwell are to jointly develop and deploy Redflow's new X10 flow battery solution for use in a large-scale project of up to 400MWh. The battery has the core stack technology as the company's ZBM3 battery. It is redesigned for large-scale deployments.

Queensland's largest energy generator Stanwell Corporation has agreed to assist clean energy storage company Redflow (ASX: RFX) with the development of its X10 long-duration battery for use in a large-scale facility to underpin its local manufacturing capabilities.

Brisbane-headquartered zinc-bromine flow battery producer Redflow has entered into voluntary administration after it was unable to attract capital to scale up its X10 ...

The MOU sets out Redflow's and Stanwell's intention to collaborate on the development and deployment of Redflow's X10 battery for use in a 400MWh large-scale project. Redflow (ASX: RFX) has signed a memorandum of understanding (MOU) with Queensland's largest energy generator, Stanwell Corporation.

With \$1.7 billion dedicated to battery technology and manufacturing, and Redflow's ongoing development of their X10 battery product and potential local manufacturing, the company is poised to ...

Just last month it signed an accord with Queensland generator Stanwell Corporation to collaborate on the deployment of Redflow's X10 battery in a 400-megawatt-hour project which could anchor its ...

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Redflow said on August 23 it had formulated a plan to develop a larger scale X10 battery based on its existing stack design, targeted at larger megawatt-hour scale projects. The group said it had received significant commercial interest in the X10 battery and was proposing a new factory be built and commissioned in Queensland -- but its plans ...

However thoughts of local manufacture are a long way off with Redflow's announcement highly qualified. Stanwell and Redflow will undertake a "preliminary due diligence pre-feasibility study" for an initial 5 MWh project ...

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