

Media Release

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World first for Woodside and ABB

Woodside has formalised an agreement with ABB Australia Pty Ltd under which a microgrid solution with a lithium-ion PowerStore Battery energy storage system will be installed on its Goodwyn A platform in the second half of 2018, marking the first offshore application of such technology in the world.

The installation of the 1 MWh PowerStore Battery will reduce the need for back-up capacity, known as spinning reserve, in Goodwyn A's power generation system. As a result Goodwyn A's use of fuel gas will be reduced by more than 2,000 tonnes per year, allowing for incremental LNG production and delivering an estimated 5% decrease in the platform's CO₂ emissions.

Woodside Senior Vice President and Chief Technology Officer Shaun Gregory said the agreement positioned the company as an early adopter of battery storage technology in oil and gas operations.

"Developing our energy storage capability on Goodwyn A is a first step in enabling Woodside to accelerate scaling of the application in larger oil and gas assets, both offshore and onshore. It is also a clear example of how Woodside is partnering with market-leaders in innovation and technology to deliver against the company's strategy and business priorities," he said.

About Woodside: Woodside is Australia's largest independent oil and gas company with a global portfolio, recognised for its world-class capabilities as an explorer, developer, producer and supplier of energy. Woodside's assets are renowned for their safety, reliability and efficiency, and we are Australia's most experienced LNG operator. Woodside believes technology and innovation are essential to bringing down costs and unlocking future growth. Today, the company is pioneering remote support and the application of artificial intelligence and advanced analytics across its operations.

About ABB Group: ABB is a pioneering technology leader in electrification products, robotics and motion, industrial automation and power grids, serving customers in utilities, industry and transport & infrastructure globally. Continuing a more than 125-year history of innovation, ABB today is writing the future of industrial digitalization and driving the Energy and Fourth Industrial Revolutions. ABB operates in more than 100 countries with about 136,000 employees. www.abb.com

Picture L-R: Steve Shearing, ABB State Manager for Power Grids (WA), Tauno Heinola, ABB Australia Pty Ltd, Managing Director, Mike Utsler, Woodside Chief Operations Officer and Shaun Gregory, Woodside Senior Vice President and Chief Technology Officer.

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