



AUSTRALIAN VANADIUM LTD  
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Australian Vanadium Ltd (ASX:AVL) is focussed on vanadium at its flagship Gabanintha project in Western Australia.

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## Australian Vanadium Ltd installs first vanadium flow battery

Wednesday, September 14, 2016 by [Proactive Investors](#)



Vincent Algar, managing director, Australian Vanadium Ltd

**Australian Vanadium Ltd (ASX:AVL)** has installed its first CellCube, a vanadium redox flow battery storage system at a native tree nursery in Busselton, Western Australia.

AVL made this first battery sale through its distribution agreement with world-leading flow battery manufacturer GILDEMEISTER Energy Storage GmbH.

The total project value of the CellCube storage system and solar system is A\$164,000 excluding shipping costs.

AVL will look to use this first successful installation to drive additional sales.

Vincent Algar, managing director, commented: "It is expected this farm installation will be the first of many on Australian farms, as vanadium flow batteries can store large amounts of solar and wind power, and they are a perfect option for many off-grid Farming operations, particularly in the more remote parts of Western Australia."

### Background

AVL is advancing the development of its 100%-owned Gabanintha Vanadium project measuring 91.4 million tonnes at 0.82% vanadium.

AVL also aims to develop a local production capacity for high-purity vanadium electrolyte, which forms a key component of vanadium redox flow batteries (VRB).

The company recently purchased a vanadium electrolyte pilot plant from C-Tech Innovation Ltd.

This purchase will enable AVL to develop unique vanadium electrolyte production expertise and capability in Australia, through both stand-alone and planned mine-attached facilities.

AVL is actively marketing vanadium redox flow batteries in Australia through a distribution agreement with world-leading flow battery manufacturer, GILDEMEISTER.

### Analysis

The successful installation of Western Australia's first vanadium redox flow battery system confirms the opportunity that the distribution agreement with GILDEMEISTER presents to AVL.

The company now possesses valuable technical experience having overseen the sale, build, shipping and installation of the system.

The company's ongoing sales and marketing strategy will now be able to showcase the completed installation to support additional sales.

The GILDEMEISTER storage systems have large cost-saving energy ramifications for a range of industries, including mining and resources.

Further battery sales represent strong earnings potential for AVL and the installation of the first sale and Western Australia's first vanadium flow battery will act as a foundation for future sales.

The stock is up 150% year to date, currently trading at \$0.02.

Proactive Investors Australia is the market leader in producing news, articles and research reports on ASX emerging companies with distribution in Australia, UK, North America and Hong Kong / China.

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### Stocktube video

06/05/2016

Australian Vanadium Ltd's MD Vincent Algar talks to Proactive Investors TV

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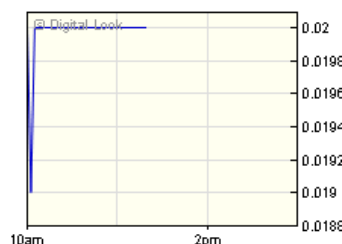
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### 1 year chart



### 1 day chart



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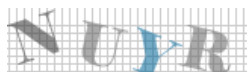
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#### Australian Vanadium Ltd to install first battery as more sales loom

Further battery sales represent strong earnings potential for AVL and the installation of the first sale and Western Australia's first VRFB will act as a foundation for future sales.



#### Australian Vanadium Ltd ships first vanadium flow battery from Austria

The battery sale validates AVL's ability to distribute commercial vanadium flow battery products to end users. The pilot plant also validates the vertical integration strategy by enabling the commercial production of vanadium electrolyte.



#### Australian Vanadium Ltd's Vincent Algar to chair Energy Storage Committee

Vanitec's members include all the world's major vanadium producers. Vanadium's role in the growing energy storage is expected to increase dramatically over the coming years.



#### Australian Vanadium Ltd buys Australia-first vanadium electrolyte pilot plant

Australian Vanadium is positioned by managing director Vincent Algar to be a leader in the roll-out of vanadium based technologies and applications. The acquisition is a further step in bringing those down-stream processing opportunities to Western Australia.



#### Australian Vanadium Ltd signs CellCube battery sale with Gildemeister

Australian Vanadium in a landmark deal has sold its first CellCube energy storage system, which is a key step in the company's vertically integrated strategy.



#### Australian Vanadium Ltd in deal to develop electrolyte capacity with C-Tech

C-Tech is an innovative research and technology company focused on the preparation of vanadium electrolyte for use in Vanadium redox batteries.



#### Australian Vanadium Ltd bags funds for battery market development and sales

AVL has been making significant strides in its vertical integration strategy, and this raising will help the company with vanadium battery market development and sales.



#### Australian Vanadium Ltd signs dealership agreement with Gildemeister

The agreement follows the signing of an MoU with Gildemeister in February 2016, which outlined areas of collaboration on future Vanadium Redox Flow Battery (VRFB) installations and electrolyte production in Australia.



#### Australian Vanadium and Sun Connect in MoU for Redox Flow Batteries

The key agreements signed this week form a key plank of a vertical integration strategy which involves the production of high-purity vanadium electrolyte – a core component of flow batteries.



## Australian Vanadium in landmark agreement to collaborate with GmbH

Vincent Algar, chief executive, Australian Vanadium, said the landmark agreement was a key step forward for the company. "We look forward to actively working on aspects of the Gildemeister memorandum of understanding during 2016."

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