

# Hunter Vanadium Flow Battery



## Project Fact Sheet

The Hunter Vanadium Flow Battery is a proposed large-scale energy storage project. It uses a low-impact, fire safe Australian invention that stores excess energy for use by homes and businesses during peak times. Battery projects play an important role in the future electricity system.



### About the Project

#### LOCATION

In the Muswellbrook Clean Industries Precinct, 2.5km east of Muswellbrook

#### SIZE

108 MW, at least 8 hours storage (864 MWh)

#### TECHNOLOGY

Vanadium redox flow battery - safe, non-flammable, long-lasting and 99% reusable or recyclable at end of life.

#### CONTRACTING OPPORTUNITIES

Up to 100 construction roles and 5 ongoing

#### STATUS

Early-stage development

### Our People

Idemitsu Australia has a long-standing presence and is a long-term employer in the region, having operated the Muswellbrook Coal Mine for 40 years. We are focussed on a positive transition for the Hunter Region, and will continue to work closely with the community, building strong relationships and maintaining open, ongoing dialogue throughout the project's development.

### Community Benefits

- Idemitsu Australia is committed to supporting programs that enhance the capacity and long-term sustainability of the local community around the project and in the Muswellbrook region.
- A dedicated **\$40,000 pilot Community Benefit Fund** to support local initiatives will launch soon.
- The project team will meet community members and Muswellbrook Shire Council to consult and deliver plans for genuine local engagement and investment from now and over the 30+ year life of the battery.

### Benefits for the Muswellbrook Region

#### Sponsorship and funding

Major investment in the region including community programs

#### Improved energy security

Stores energy for use during peak demand periods, improving energy reliability

#### Local investment

Creation of local jobs and training opportunities and support for local business during construction and operation

#### For all enquiries contact:

Shaun Vagne  
Project Manager

Ray Balks  
Manager Stakeholder Relations

Hunter Vanadium Flow Battery Project

Phone: 1800 600 205

Email: [HunterVFBProject@idemitsu.com.au](mailto:HunterVFBProject@idemitsu.com.au)

[idemitsu.com.au](http://idemitsu.com.au)