



# Your industrial energy storage experts

Flexible, low risk energy infrastructure for businesses, generators and networks

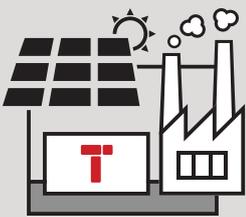
**We specialise in energy storage solutions that unlock renewables for flexible, low cost energy infrastructure with attractive financial returns.**

## Simplifying energy storage - your one-stop-shop

We scope, design, manufacture, install and operate energy storage systems based on vanadium flow machines, lithium batteries or a combination of the two as part of a hybrid system.

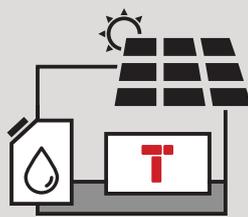
We've been in the energy industry since 1989 and our patented flow machine technology is backed by 20 years of product development. Since then, we've developed over \$1bn of projects globally and have worked with customers in Australia, S.E Asia, Africa, Europe and Great Britain.

Our proposition is simple. We utilise our industry expertise and product know-how to provide you with an energy storage solution that's straightforward, economic and meets the requirements of your project.



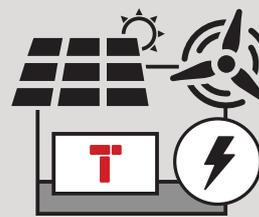
### Energy storage for business

Maximise your use of renewable energy. Reduce your business' energy costs and invest in your own flexible, energy infrastructure.



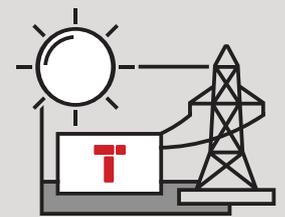
### Off-grid energy

Couple solar with durable, robust storage for cheap 24/7 energy. Reduce your reliance on diesel generators to reduce costs and CO<sub>2</sub>.



### Utility-scale solar & wind

Create baseload generation from utility-scale renewables. Generate clean energy at the lowest LCOE for private wire projects.



### Grid-scale storage

Trade energy, earn revenue from grid services and reinforce networks with fast responding, MW-scale storage systems.

Case study

## Delivering Australia's largest commercial energy storage system



### redT is delivering the world's first commercial-scale hybrid energy storage system to Australia

- Vanadium / Lithium hybrid energy storage
- Largest BTM commercial system in Australia (1MWh)
- Flexible energy platform at heart of Monash Microgrid

### Hybrid energy storage at Monash University campus

redT are delivering a 300kW, 1MWh energy storage system to Monash University, which will sit at the heart of a new Monash Microgrid which will integrate distributed renewables on campus, to reduce energy costs and open up new revenue streams from peer-to-peer energy trading.

The largest behind-the-meter (BTM) energy storage system in the country, this system combines conventional lithium batteries with redT flow machines to create a long term energy infrastructure solution which provides low cost, secure, clean energy for the next 25 years or more.



**"This is a vital opportunity as Australia grapples with the trilemma of providing sustainable power whilst keeping costs low and maintaining energy security"**

Tony Fullelove,  
Programme Director, Monash University

## Contact our local experts



redT's authorised partner in Western Australia. Alberfield offers engineering and technical compliance solutions in Energy, Environment and Risk.



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