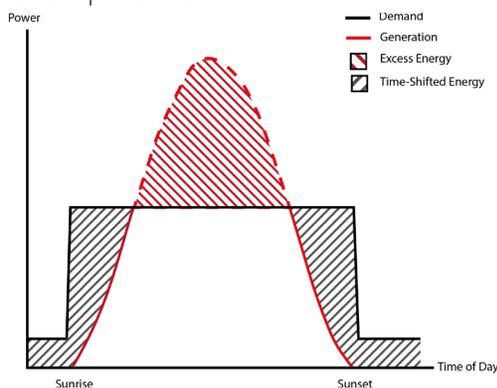


Energy Storage Applications in the UK Market

Use liquid energy storage in the UK to reduce costs, increase renewable utilisation and earn additional revenue by providing services to the grid

Time-Shift Your Energy

Store excess renewable generation and use it when required. By time-shifting energy using a redT machine, you can maximise your renewable generation potential



It is also possible to perform arbitrage activities using energy storage to ensure that you only import electricity from the grid during off-peak periods, when electricity is at its cheapest.

Reduce Your Energy Bills

Make significant cost savings by reducing the amount of electricity purchased from the grid and guard your business against rising utility prices. Our systems are low maintenance and last for more than 25 years, matching the life of any solar and wind assets.

Reduce Your Carbon Footprint

redT machines are emission free, non-toxic and at no risk of thermal runaway. Our vanadium electrolyte never degrades, allowing it to be reused after the system's service life has ended.

Gain Independence from the Grid

Reduce your dependence on the grid or become totally independent through the use of storage & sufficient renewable generation assets.

Utilise 100% of Renewable Generation

The redT energy storage machine has the ability to perform multiple, 100% depth of discharge without significant degradation, unlike lead or lithium batteries. Use the system to time-shift your excess generation for use when required, allowing you to access the full potential of your renewables.

Avoid Grid Connection Costs

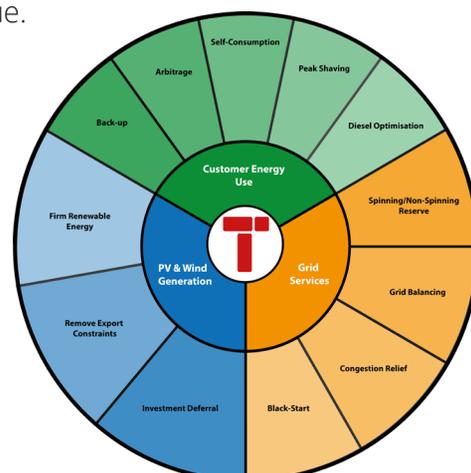
Grid connection upgrades are expensive. Utilise redT energy storage to defer your investment and avoid costly connection upgrade charges.

Avoid Curtailment

Utilise energy storage to remove constraints on renewable generation and avoid enforced curtailment. This minimises wasted energy and can create additional export revenue.

Create Additional Revenue

Use the machine to provide firm power to the grid, enabling you to take part in frequency and demand response tenders to generate additional revenue.



Furthermore, multiple services can be 'stacked' to create new income streams that maximise the system payback and ROI.

CONTACT OUR SALES TEAM