
Behind-the-meter energy storage products in Sydney Australia

How is energy stored in Australia?

Currently storage of electrical energy in Australia consists of a small number of pumped hydroelectric facilities and grid-scale batteries, and a diversity of battery storage systems at small scale, used mainly for backup. To balance energy use across the Australian economy, heat and fuel (chemical energy) storage are also required.

What is behind the Meter (BTM)?

Behind-the-Meter (BTM) refers to all energy generation and storage systems located on the customer's side of the electricity meter. These systems directly reduce the need for grid-supplied electricity. Energy Independence: Empower homeowners and businesses to control energy bills. VPP Backbone: Most VPPs rely on aggregated BTM systems.

How does energy storage work?

Energy storage secures and stabilises energy supply, and services and cross-links the electricity, gas, industrial and transport sectors. It works on and off the grid, in passenger and freight transportation, and in homes as 'behind the meter' batteries and thermal stores or heat pump systems.

Why are energy storage systems important?

Energy storage systems (ESSs) can help make the most of the opportunities and mitigate the potential challenges. Hence, the installed capacity of ESSs is rapidly increasing, both in front-of-the-meter and behind-the-meter (BTM), accelerated by recent deep reductions in ESS costs.

Chelion Australia are experts in the engineering, design and integration of Energy Storage solutions for residential, commercial and ...

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