

Continued uptake of renewable energy will support demand for Australian exports of critical minerals used in clean energy technologies and battery storage systems, though will weigh on traditional fossil fuel exports.

Energy Storage is critical for ACT's 100% renewables and net-zero target. Helps to put downward pressure on electricity price paid by ACT consumers. Reduces the need for electricity network upgrades as the transition ...

The project will deliver an ecosystem of batteries across the ACT to ensure its electricity grid remains stable, and will help to future-proof the state's electricity security.

With ambitious climate targets - including 100% renewable electricity by 2025 - the Australian Capital Territory (ACT) relies on cutting-edge storage systems to stabilize its grid. Let's explore how these projects work and ...

Utilisation of Australia's abundant non-renewable energy resources requires investment in reliable energy supply infrastructure, including gas pipelines, gas processing and storage facilities, ports, and rail networks (Figure ...

Canberra is home to one of the world's first and largest residential "virtual power plants", which rewards over 600 (and growing) participating households for exporting their stored electricity at times of peak electricity demand.

Composed of Megapacks supplied by Tesla Energy, the Williamsdale BESS will be able to power approximately one-third of Canberra for two hours during high-demand periods. In partnership with the ACT government, Eku ...

Demand for key energy minerals continued to grow strongly in 2024. Lithium demand rose by nearly 30%, significantly exceeding the 10% annual growth rate seen in the 2010s. Demand for nickel, cobalt, graphite ...

Australia's capital is stepping into the renewable energy spotlight with its ambitious Canberra energy storage reservoir project.

Canberra is taking bold steps towards a sustainable future, with recent initiatives set to transform how we generate, store, and use energy. Here's what you, as a Canberra resident, need to know about these ...

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