

How will energy storage improve Australia's energy resilience?

It will develop storage at varying scales, using low environmental impact materials to expand Australia's energy resilience. Energy storage is developing at a rapid speed, as it keeps up with advances in fuel technology. New management systems are needed to incorporate increasing proportions of renewable energy into the current power network.

Why should I study energy systems at UNSW?

Why study this degree at UNSW? The Master of Engineering Science (Energy Systems) will provide you with a deep understanding of a variety of power systems applications including the future energy-efficient electricity grid, automotive and aerospace applications, and marine systems.

What is the revolutionary energy storage systems future science platform?

The Revolutionary Energy Storage Systems Future Science Platform is developing radical energy storage systems. These systems are key components for Australia's successful energy transition to achieve Net Zero Emissions, as levels of energy generation increase.

What is the energy storage project?

Delivered as a partnership between Australia's Chief Scientist and ACOLA, the Energy Storage project studies the transformative role that energy storage may play in Australia's energy systems; future economic opportunities and challenges; and current state of and future trends in energy storage technologies and their underpinning sciences.

What will I study in a Master of Engineering Science (Energy Systems)?

What will I study? The Master of Engineering Science (Energy Systems) is designed to provide a deep, broad range of knowledge about a variety of energy and power systems.

What is the centre for Smart Power & Energy Research?

The Centre for Smart Power and Energy Research conducts research in three main areas: future power grid, renewable energy and energy storage, and cyber-physical energy systems. The Australian resource sector is driving the local economy, and power and energy are the prime movers of its growth.

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Learn to lead the global energy transition with UNSW's Bachelor of Engineering (Honours) in Geoenergy & Geostorage. This new program blends petroleum engineering foundations with ...



Australian energy storage science and engineering

Lead the future of renewable energy with a Master of Engineering Science (Geoenergy & Geostorage) from UNSW. Explore geoenergy science and engineering, sustainable resource ...

Established in 2018, the Battery Storage and Grid Integration Program undertakes socio-techno-economic research, development, and demonstration activities that support the global energy ...

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