Press release

Sydney, May 20, 2025

Siemens Energy partners with ACEREZ on NSW Renewable Energy Zone

The Central-West Orana Renewable Energy Zone (REZ) – one of Australia's most ambitious renewable energy projects – is targeting the delivery of 4.5 gigawatts (GW) of renewable power in Stage 1. In December 2024, ACEREZ – a partnership of ACCIONA, COBRA and Endeavour Energy – has awarded Siemens Energy a contract to deploy seven synchronous condensers, marking a key milestone in strengthening grid stability across the region.

Spanning 20,000 square kilometres across Dubbo, Dunedoo and Mudgee, the REZ faces the complex challenge of transmitting large volumes of renewable energy while maintaining a stable grid. The advanced technology being deployed will support this by dynamically regulating reactive power to stabilise voltage, while providing the inertia needed to reduce frequency fluctuations. This ensures a stable and reliable supply of electricity, even as output from solar and wind sources varies with the weather.

With a proven track record delivering similar projects nationwide, the energy technology provider brings deep local expertise in building grid resilience. Its commitment goes beyond infrastructure, the company continues to invest in job creation and economic development, reinforcing its long-term support for Australia's energy transition.

Commenting on Siemens Energy's role in future-proofing the grid and unlocking the potential of the REZ, Managing Director of Australia, Samuel Morillon said:

"By deploying advanced technologies such as our synchronous condensers, we are improving grid stability and security while paving the way for the integration of up to 4.5 gigawatts of renewable energy.

"This is a big step towards creating a cleaner, more sustainable energy system for future generations, and our collaboration with ACEREZ reflects a unified effort to meet the nation's

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renewable energy targets while delivering tangible benefits to local communities," said Mr. Morillon.

Siemens Energy will supply, install, commission and test seven synchronous condensers equipped with flywheels and auxiliary systems to stabilise the grid and support the integration of other low-carbon energy sources.

The contract also includes a five-year service agreement covering maintenance, monitoring, and rapid response support. Cybersecurity solutions will be deployed to safeguard the critical infrastructure.

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Siemens Energy is one of the world's leading energy technology companies. The company works with its customers and partners on energy systems for the future, thus supporting the transition to a more sustainable world. With its portfolio of products, solutions and services, Siemens Energy covers almost the entire energy value chain – from power and heat generation and transmission to storage. The portfolio includes conventional and renewable energy technology, such as gas and steam turbines, hybrid power plants operated with hydrogen, and power generators and transformers.
Its wind power subsidiary Siemens Gamesa makes Siemens Energy a global market leader for renewable energies. An estimated one-sixth of the electricity generated worldwide is based on technologies from Siemens Energy. Siemens Energy employs around 101,000 people worldwide in more than 90 countries and generated revenue of €34.5 billion in fiscal year 2024. www.siemens-energy.com

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