



## PRESS RELEASE

# Volatile renewables: ANDRITZ enhances Brazilian grid stability with synchronous condensers

*GRAZ, SEPTEMBER 25, 2024.* New regulatory requirements and a cleaner, more diversified energy mix pose new challenges for grid operators tasked with maintaining a stable power supply. Synchronous condensers have positioned themselves as a reliable, proven, cost-effective and smart solution for these issues, and are bolstering the grid resilience which is negatively impacted by wind and solar power plants worldwide.

International technology group ANDRITZ has signed two contracts to supply new synchronous condenser systems to Brazil. Both projects include the supply of a 330 MVar synchronous condenser. The installation of these systems is an important step towards balancing and stabilizing the Brazilian power system, improving its efficiency, and ensuring a more reliable power supply for the future. One will support the transmission lines between Bahia and Minas Gerais, and the other will support the Ceará Crateús region.

*"We are immensely proud of the trust our clients have placed in us," said Sérgio Gomes, Sales Director of ANDRITZ Hydropower in Brazil. "These contracts underscore our strong presence in the market and our ability to deliver cutting-edge, sustainable solutions. Our manufacturing hub in Araraquara, São Paulo, plays a central role in this success, producing high-quality synchronous condensers that meet the demanding requirements of modern power grids."*

ANDRITZ's scope of supply includes one 330 MVar synchronous condenser for each project, complete with mechanical and electrical auxiliaries, automation, protection, a step-up transformer, field assembly services, and commissioning for both systems. As Brazil navigates its energy transition, ANDRITZ is committed to delivering innovative solutions that contribute to the development of a cleaner, more resilient power grid.

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Manufacturing of synchronous condensers at the ANDRITZ facility in Araraquara, Brazil

### **PRESS RELEASE AND PHOTOS AVAILABLE FOR DOWNLOAD**

The press release and photos are available for download at [andritz.com/news](https://andritz.com/news). The photos may be published free of charge if the source is stated: "Photo: ANDRITZ".

### **FOR FURTHER INFORMATION, PLEASE CONTACT**

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#### **ANDRITZ GROUP**

International technology group ANDRITZ offers a broad portfolio of innovative plants, equipment, systems, services and digital solutions for a wide range of industries and end markets. Sustainability is an integral part of the company's business strategy and corporate culture. With its extensive portfolio of sustainable products and solutions, ANDRITZ aims to make the greatest possible contribution to a sustainable future and help its customers achieve their sustainability goals. ANDRITZ is a global market leader in all four of its business areas – Pulp & Paper, Metals, Hydropower and Environment & Energy. Technological leadership and global presence are cornerstones of the group's strategy, which is focused on long-term profitable growth. The publicly listed group has around 30,000 employees and over 280 locations in more than 80 countries.



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## **ANDRITZ HYDROPOWER**

ANDRITZ Hydropower is one of the world's leading suppliers of electromechanical equipment and services for hydropower stations in the dynamically growing global renewable energy market. Based on 180 years of experience and a global installed capacity of 470 gigawatts, we offer innovative solutions for new and existing hydropower stations, from small hydropower to large-scale plants. State-of-the-art digital solutions, comprehensive services for the operation and maintenance of entire hydropower plants, and turbo generators for the thermal industry complete the portfolio.