

GE Renewable Energy awarded contract by PGE Energia Odnawialna S.A. to modernize pumped hydropower storage plant in Poland

- *GE Hydro Solutions to replace four 125 MW pumped turbines and generators of Porabka Zar*
- *GE Hydro Solutions is supporting Poland in accelerating its energy transition*
- *The rehabilitation project will extend the lifetime of the hydropower plant for several decades and help stabilize the grid in the country*

Paris, April 27, 2023 – GE Renewable Energy has signed a contract with PGE Odnawialna S.A. to replace the four 125 MW pumped turbines and generators of the Porabka Zar pumped hydro storage plant in Poland. This rehabilitation contract aims at extending the lifetime of the hydropower plant for several decades by completely replacing the +40-year-old turbines with new, reliable and high efficiency pumped turbines and motor generators.

[Pascal Radue](#), President and CEO of GE’s Hydro Solutions, said, *“This rehabilitation project is the first large-scale rehabilitation project of its kind in Poland in 40 years. We are delighted to be part of it and support PGE Odnawialna S.A. in this upgrade process. This demonstrates that Poland makes every effort to achieve the Net Zero goal by 2050. This new equipment will help increase the flexibility and reliability of the plant and consequently stabilize the grid in the country.”*

GE Hydro Solutions will be responsible for the design, the manufacturing and the supply of the new equipment as well as the excitation and governing systems. GE will also supervise the erection and commissioning of the four new units. The special feature of this project is that GE Hydro Solutions will replace the existing stay rings as well as the existing stay vanes by new ones specially designed for Porabka Zar. Due to the confined workspace, the technology used, the cutting and welding processes will be specific to this project.



Porabka Zar is the second largest pumped storage power plant in Poland with an installed capacity of 500 MW. It plays a significant role in power generation in the country and provides important ancillary services to the Polish electricity system.

The commercial operation of the four units is expected beginning of 2028.

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About GE Renewable Energy

GE Renewable Energy, an integral part of the GE Vernova portfolio of energy businesses, is a nearly \$13 billion business which combines one of the broadest portfolios in the renewable energy industry to provide end-to-end solutions for our customers demanding reliable and affordable green power. Combining onshore and offshore wind, blades, hydro, storage, utility-scale solar, and grid solutions as well as hybrid renewables and digital services offerings, GE Renewable Energy has installed more than 400+ gigawatts of clean renewable energy and equipped more than 90 percent of utilities worldwide with its grid solutions. With around 36,000 employees present in more than 80 countries, GE Renewable Energy creates value for customers seeking to power the world with affordable, reliable and sustainable green electrons.

[GE Vernova](#), a dynamic accelerator comprised of our Power, Renewable Energy, Digital and Energy Financial Services businesses, focused on supporting customers' transformations during the global energy transition.

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