



GE and EcoGreen Energy to build solar project in Turkey

- GE will deliver its **FLEXINVERTER** Solar Power Station technology for the project
- The project is part of the YEKA GES- 4 tender that is tendered by the Ministry of Energy (MOE) in Turkey
- This 100 MW project will add up to the 1.3 GW of solar projects GE is delivering in Turkey

Paris, France - 28 March 2023 – GE announces today that it has been selected by Ecogreen Energy to deliver its **FLEXINVERTER** Solar Power Station technology for the 130 MWp, 100 MWac Nigde Bor Solar power plant to be built in Nigde, Turkey. The scope of work includes design, engineering, procurement, and commissioning of the Solar Power Station.

The Nigde Bor solar power plant is part of YEKA- GES4 launched in 2022 by the Ministry of Energy. It will enable the energy transition in the country and beyond, by helping Turkey continue the expansion of renewable energy resources and commission 10 GW of solar capacity between 2017-27, according to IEA, Turkey's solar energy capacity is projected to reach 52.9 gigawatts with an increase of approximately 500% by 2035.

This project adds up to the 1.3 GW of solar projects GE is delivering in Turkey.

[Prakash Chandra](#), Renewable Hybrids CEO, GE, said: *“The potential for solar energy in Turkey is a reality. We are thrilled to be partnering with Ecogreen Energy on the projects and look forward to more opportunities to increase the penetration of renewable energy in Turkey and beyond.”*

GE will partner with Ecogreen in the supply and services contract of an extended scope of equipment beyond inverter stations and commissioning services. Inogen will execute the local works to fulfill the EPC scope. GE and Inogen will work together again after having completed 1.3 GW of YEKA and Hybrids projects in Turkey.

Inogen managing partner Professor [Ali Murat Soydan](#) mentioned “We are very happy and proud to partner with GE and support the company with local capability in Turkey”.

The **FLEXINVERTER*** Solar Power Station is an integrated containerized solution that combines a solar inverter, medium voltage power transformer, and an optional MV Ring Main Unit, all integrated in a standard 20-foot ISO high cube container. The technology is a smart solution that helps deliver a reliable, cost-effective, plug & play, factory-integrated power conversion platform for utility scale solar and storage applications. It helps reduce capital and operation costs and ensure a more reliable plant performance.

The **FLEXINVERTER** is a key component of GE’s Renewable Hybrids [FLEX portfolio](#), designed to solve customer needs through multiple applications to enable dispatchable, green MWhs. It also includes the [FLEXRESERVOIR](#) and the [FLEXIQ](#) technologies. The **FLEXRESERVOIR** is a systems integrated



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battery energy storage and power electronics solution for multiple configurations and market applications. **FLEXIQ** is a digital platform that provides design, operation and fleet management solutions to enable grid compliance and maximize lifetime customer value.

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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, is focused on supporting customers' transformations during the global energy transition.

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