

GE RENEWABLE ENERGY



GE Renewable Energy



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ONE OF THE WORLD'S MOST EXPERIENCED RENEWABLE POWER EQUIPMENT MANUFACTURER

COMPANY

GE Renewable Energy is a \$10 billion start-up that brings together one of the broadest product and service portfolios of the renewable energy industry.

Combining onshore and offshore wind, hydro and innovative technologies, and more recently turbine blades, GE Renewable Energy has installed more than 400+ gigawatts capacity globally to make the world work better and cleaner. With more than 22,000 employees present in more than 55 countries, GE Renewable Energy is backed by the resources of the world's first digital industrial company. Our goal is to demonstrate to the rest of the world that nobody should ever have to choose between affordable, reliable, and sustainable energy.

SERVICES

As one of the world's most experienced renewable power equipment manufacturers, we have been driving the evolution of products and technologies for more than 125 years.

Our tailored solutions range from single component to full turnkey power plants. Taking advantage of our long-standing EPC experience, we can offer outstanding project management capabilities.



GE RENEWABLE ENERGY

PRODUCTS



WIND ENERGY SOLUTIONS

- WIND TURBINES: Our portfolio includes a suite of wind turbines with rated capacities from 1.7-4.8 MW (onshore) and 6-12 MW (offshore).
- WIND TECHNOLOGY: From the latest developments in components and construction, to hardware and software upgrades that increase production to a suite of digital tools that help you manage your fleet.
- WIND SERVICES: Our customizable wind services offerings range from monitoring your fleet and planned or unplanned maintenance, to fully operating and maintaining your farm.
- WIND TURBINE BLADES: LM Wind Power is a leading independent supplier of rotor blades to the wind industry, and is part of GE Renewable Energy.

HYDROPOWER SOLUTIONS

- LARGE HYDRO: Our large hydro solutions portfolio encompasses a wide range of solutions to meet a wide range of needs. GE's portfolio covers a variety of hydro power plants, from high and low head to storage and run-of-river.
- SMALL HYDRO: GE's small hydro solutions incorporate proven features from our large hydro portfolio and meet the high standards of reliability and quality. We offer a complete range of solutions for small hydro applications up to 30 MW, with options for turnkey plants or individual components.
- HYDRO SERVICES: From general maintenance to upgrades, GE's PlantLife program offers a comprehensive asset management program, with both customized and off-the-shelf solutions.

RENEWABLE HYBRID POWER SOLUTIONS

- WIND INTEGRATED SOLAR ENERGY (WISE): Integrating at the wind turbine level leverages the existing wind converter as a hybrid converter to source AC and DC power together, eliminating the need for a separate solar inverter.
- PUMPED STORAGE (PSP): GE is a world leader in pumped storage plant equipment and supplies in-house capabilities not only for turbines and generators but also the full electrical balance of plant.

REFERENCES



WIND-SOLAR-BATTERY HYBRID: KADAPA HYBRID PARK, INDIA
Powering up the first large scale integrated wind, solar and battery energy storage project.



WIND-HYDRO HYBRID: GAILDORF, GERMANY
The first wind farm with an integrated hydropower plant.

INTERNATIONAL PRESENCE

With more than 22,000 employees present in more than 55 countries, GE Renewable Energy is backed by the resources of the world's first digital industrial company.