ACCELERATE THE ENERGY TRANSITION

GridOS® Orchestrator Software

GridOS IS HERE TO HELP.

GridOS is an advanced solution that manages, orchestrates, and coordinates energy management, demand, and virtual power plant (VPP) systems. It enables utilities to create the next generation of energy grids that are more sustainable, cost-effective, and resilient.

RENEWABLES ARE THE FUTURE OF ENERGY

GridOS helps utilities integrate renewable energy sources, such as wind and solar, into the grid. It manages the grid’s resources to ensure reliability and sustainability while reducing costs and environmental impact.

CUT COMPLEXITY, REDUCE COSTS, AND MORE

GridOS simplifies energy management by automating processes, reducing errors, and optimizing grid operations. It streamlines data collection and analysis, making decisions faster and more efficient.

THE POWER OF GE VERNova

- 30% of the world’s electricity is generated with GE Vernova technology
- 90% of the world’s power transmission utilities are equipped with GE Vernova technology
- 1,000 utilities and engineers, including more than 500 PIs

PRODUCTS THAT ACCELERATE THE JOURNEY TO NET ZERO

Advanced Energy Management System (AEMS)
- Manage large-scale renewables
- Regulate wind power by calculating the precise amount required for the grid
- Create power restoration plans for faster recovery from disruptions
- Digitally extract and increase low rating
- Calculate the right amount of energy needed to restore the grid to a safe point

Distributed Energy Resource Management System (DERMS)
- Monitor, integrate, and manage Distributed Energy Resources (DERs)
- Increase transmission and acceptance capacity for maximum efficiency
- Simulate grid growth to determine impact on the grid
- Anticipate and socialize grid violations
- Enable Non-Wire Alternatives to optimize expenditure

Advanced Distribution Management System (ADMS)
- Orchestrates the demand grid and bridges the gap between utility’s Supervisory Control and Data Acquisition (SCADA), Distribution Management System (DMS) and Energy Management System (EMS)
- Drive an OPEX and capital budget to balance the grid for maximum reliability
- Prepare and recover from disruptions quickly and safely
- Increase workforce access beyond the control room

Learn more about what GridOS Orchestrator Software can do for you

- Advanced Energy Management System (AEMS)
- Distributed Energy Resource Management System (DERMS)
- Advanced Distribution Management System (ADMS)

Orchestrating renewables for a sustainable energy grid of the future with GridOS Orchestrator Software

The energy transition is not only about reducing carbon emissions but also about creating a sustainable and resilient energy future. GridOS helps utilities and energy providers do just that, making it easier to manage distributed systems and virtual power plants, and ensuring a smooth transition to a net-zero energy grid.