



EX2100e Excitation Control

State-of-art excitation control regulator system, providing excitation current upto 35A with high accuracy, exceptional control flexibility and powerful diagnostics in a cost effective, easy to use package from GE.

APPLYING DEEP EXPERTISE

At GE, we not only build the Automatic Voltage regulators (AVR); we support throughout the product lifecycle. With the **EX2100e AVRs** we offer a fully supported product with field experts who are best positioned to perform upgrades with minimal system disruption. GE has designed, built and commissioned thousands of electrical generators. As a full scale OEM with fleet knowledge and deep engineering expertise, we are your partner of choice for completing retrofits and replacements for AVRs, which are nearing end of life.

LOW RISK SOLUTION WITH SIMPLE UPGRADE PATH TO A FULLY SUPPORTED PRODUCT

A reliable and cost effective upgrade by GE experts can support you:

- Improve reliability
- Enhance performance
- Reduce risk of unplanned outages
- Increase availability and help maximize productivity
- Improve serviceability
- Help ensure longevity of product life

During the last 40 years, GE has supplied more than 6000 thyristor and regulator systems in over 70 countries. The **EX2100e excitation control** is GE's fourth generation digital excitation control system and is GE's most recent state-of-art control system for steam, gas or hydro generators for both new and retrofit units.

EX2100e excitation control regulator system includes:

- Industry leading control limiter with protection function to help **maximize generator performance**.
- Flexible architecture, modern networks and versatile software suite, to **simplify operations and integration** with plant level controls.
- Powerful diagnostics and control simulator to **support rapid installation**, tuning of control constants and training.
- Advanced algorithms and the latest control technology designed to **improve performance**.
- **Product lifecycle support** with the ability to perform conversions, modernizations & upgrades.
- 24/7 technical support to help resolve issues in the shortest time possible to help **ensure minimum down time**.

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