Smartly Standardised Design...

...For Higher Productivity & Lower Risk

EXPERTISE

ENABLING FASTER DESIGN, TAILORED TO YOUR REQUIREMENTS
GE has been a leader in innovative generator manufacturing for over 100 years, a wealth of engineering knowledge available through our network of rotating machine engineers.

DESIGN

OPTIMIZED EFFICIENCY & POWER DENSITY
Flexible machine design built on standard – rotor & stator - modular solutions.

ANALYSIS & TOOLS

DE-RISKING
Solutions before installation.

EXCITATION CONTROL & PROTECTION SYSTEMS

HIGHER PRODUCTIVITY
Digital control schemes for new and retrofit applications. Innovative GE automatic voltage regulator (AVR) design, helping to maximize machine availability thus productivity, by reducing the time where generator has to disconnect from grid due to

Efficiency of the electrical machines can provide a significant economic impact. Over a year of full production, a 50MW generator with 0.2% better efficiency can increase electrical power output by up to $160k per year.

LEADING TECHNOLOGY

BASED ON PROVEN DESIGN OPTIONS
Innovative insulation and cooling technology. GE patented pin vent technology aiding air flow and heat transfer to extend product lifespan.

SMOOTH INTEGRATION

APPLICATION EXPERTISE