

Maximize productivity with a power audit

A GE Energy power study arranged by your GE Healthcare representative can help you ensure efficient system operation and protect your equipment.

For any healthcare facility, peace of mind comes with knowing that your electrical system performance is dependable. Although you can't control the quality and consistency of the power delivered by the grid to your facility, you can take steps to secure an optimal power source for operations. Clean, conditioned power ensures you have the best system operation and equipment protection to deliver superior patient care. Clean power can also:

- **Improve equipment reliability** – Outages, surges and interference can damage equipment components and impair functioning.
- **Reduce operational costs** – Damage to equipment due to power fluctuations adds to day-to-day costs and maintenance costs as well.

- **Ensure the integrity of processes** – When power is constant, procedures like CT, MRI or X-ray scans are completed, patient data saved, and there is a means to implement the appropriate system shutdown sequence.

- **Maximize workflow efficiencies** – Patient schedules are preserved when a constant power source helps guarantee equipment uptime.

Power consulting

Just how susceptible is your facility to outages, surges and interrupts? A great way to investigate your risk is with the help and advice from a team of power system experts like those at GE Energy. You can contact your GE Healthcare sales representative to arrange for a GE Energy power system consult using state-of-the-art simulations and modeling.



Part of the consultation may include a **Power Systems Engineering Study**. Available studies include:

- Load flow and power factor to optimize circuit usage
- Short circuit analysis to check for adequate protection
- Protective device coordination to assess the ability to recover from a fault
- Monitoring of electrical system for proper performance
- Power and grounding verification
- Arc-flash hazard analysis for a safe environment
- And more

Using their experience, resources, and broad capabilities, the GE Energy team of power system experts can determine the source of power quality issues, design system additions or expansions, and recommend optimum solutions that address customer requirements using proven components and systems.

Power delivery

- Unit substations and MV switchgear
- MCCs, switchboards, panelboards
- Emergency & start-up services
- Power monitoring systems
- Power system studies

Power quality & reliability

- Uninterruptible Power Supplies (UPS)
- Advanced Power Systems™ (APS)
- Design, maintenance & support services

Transmission & distribution

- Distribution transformers
- Packaged substations
- Power capacities
- Protection relays

Power Systems Consultation

A GE Energy team of experts can investigate all power aspects of your facility to determine the source of power quality issues.

Power generation

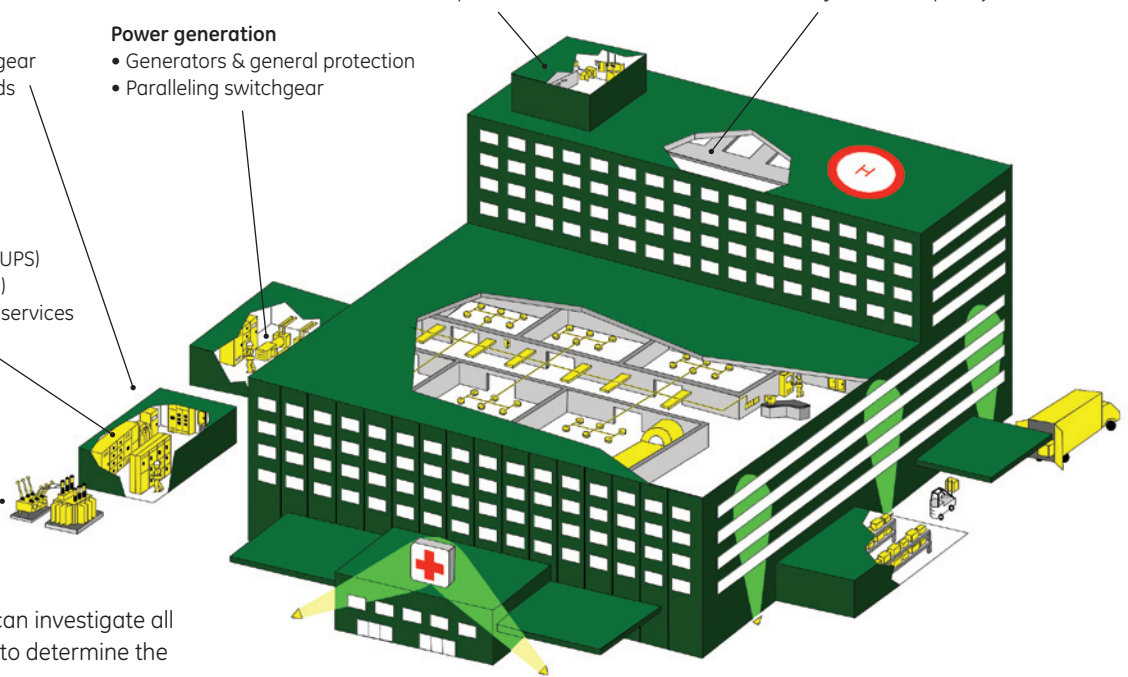
- Generators & general protection
- Paralleling switchgear

Electro-mechanical

- Disconnect switches
- Panelboards
- Wiring devices
- Operator devices

Motors & controls

- ECM™ driven HVAC systems
- ECM driven HEPA filter units
- AC & DC motors
- AC adjustable frequency drives



Power management

The life cycle of your capital investments throughout your facility can be extended through a comprehensive power management system. After you've assessed your needs and implemented solutions, GE Energy can help you focus on your primary healthcare competencies. They focus on power maintenance and provide a wide variety of on-site engineering and maintenance service solutions. Together, you can decrease operational and maintenance costs, improve equipment reliability, all while increasing your uptime and productivity.

To learn more about power audits and what you can do to ensure clean, consistent power for your facility, contact your local GE Healthcare sales representative or dial us direct at 877-248-5355.

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