



shaping tomorrow with you

Power Auditing Services

Expanding networks in a competitive industry not only need to keep up with emerging technology and changing business models, they also need reliable, energy-efficient, up-to-date power infrastructure with the right amount of capacity.

Combining a comprehensive power, battery, generator, and backup systems audit with in-depth analysis, Fujitsu Power Auditing services provide the knowledge and recommendations you need to ensure you have appropriate power plant to support your network transformation initiatives. Fujitsu technical experts document and determine the current state of your power systems, and recommend changes or remediation to meet current and future power demands from your COs. We can also provide an expert opinion regarding the need to scale up your power systems to provide for future growth.

Get Answers to Key Questions about Your Power Systems

Use our Power Auditing Services to answer these questions:

- What is the current capacity of the system
- What is the health of the power system?
- Are there any safety issues that require action?
- What remediations or changes are needed?
- What can be done to improve energy efficiency?

Services Provided

A comprehensive audit will ascertain the current health and capacity of your power systems, and define the actions necessary to get them to the desired state. Audits include primary DC, AC and battery plant audits along with generator systems audits. Each audit is performed by highly skilled, certified professionals. Your result is a comprehensive package that includes the results of the audit along with recommendations for improving your power systems.

DC Power Audit

Fujitsu reviews all plant DC power components to determine current configuration and available vacant space for the following:

- Main power board
- Supplemental power boards
- Primary breaker and fuses
- Primary distribution cabinets
- Battery Distribution Fuse Bay (BDFB)
- BDFB panels
- Rectifiers
- Battery disconnects
- Batteries
- Controllers

AC Power Audit

AC Power Audits include a review of all building AC power components to determine current configuration and available breaker space for the following:

- AC utility Panels
- AC sub panels
- AC breakers and fuses
- Inverters
- Transfer switch
- Transformers

Backup Power System Audits

Backup generation equipment is visually inspected as is the fuel tank. Meter readings are taken for current and voltage values and batteries whenever available. Any parts removed during the audit are replaced as required.

Determine the Health of Your Power Systems

Audit Deliverables

At the end of the project, Fujitsu provides a detailed report consisting of the data collected during the project (provided via templates, checklists, photographs, or meter readings when available) and a thorough analysis of the status of your power systems.

The audit report details all the findings of the audit as well as the recommendations for rectifying any deficiencies. The final report will be provided in MS Excel format along with any supporting material.

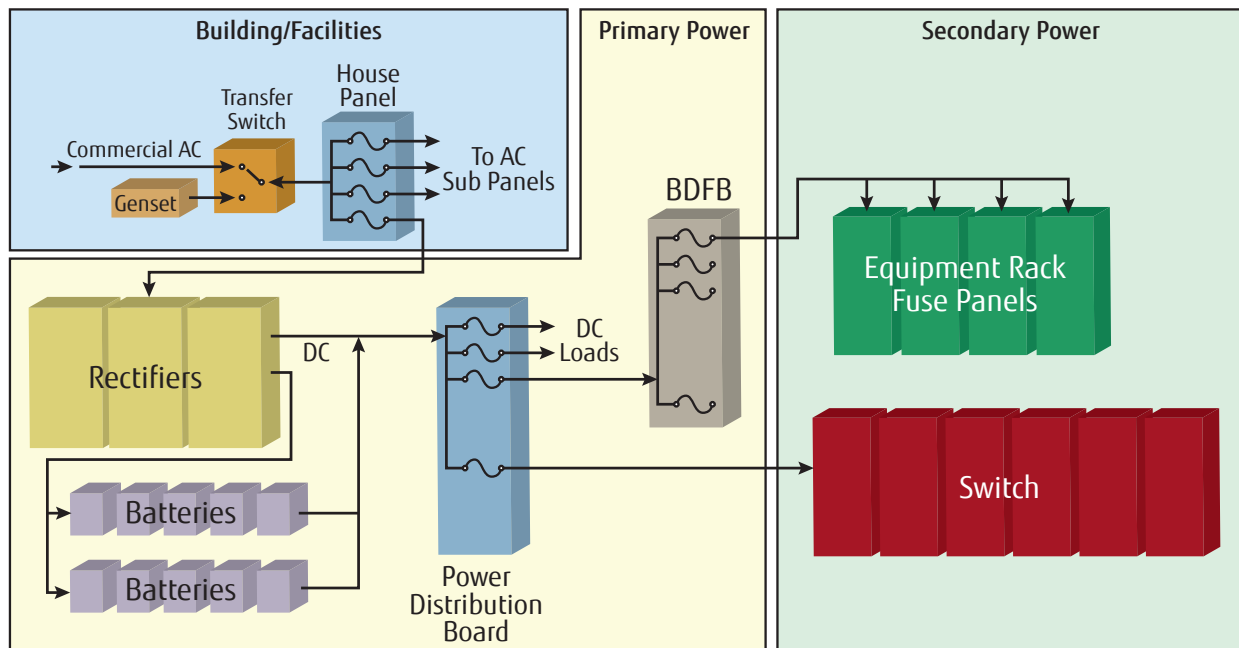
Optional Value-Added Services

Fujitsu provides several supplemental services that can be used to enhance an audit project. Each of these is available as an addition to the basic Power Audit service scope of work.

Optional audit-related services include:

- High-level power line drawings
- Remediation while onsite
- Engineering database updates with audit results
- Updated or creation of CO floor plan CAD drawings
- Bonding and grounding audits
- Regional preventative maintenance service
- Thermal scan of potential problem areas identified during audit

Along with power auditing services, Fujitsu offers a complete range of professional services designed to help operators plan, deploy and maintain their networks while achieving the greatest possible return on investment. Let Fujitsu take the guesswork out of network transformation.



Fujitsu experts audit every aspect of your power plant.

Fujitsu Network Communications Inc.

2801 Telecom Parkway, Richardson, TX 75082

Tel: 888.362.7763

us.fujitsu.com/telecom