

Service Agreements for Electrical Balance of Plant Services

fact sheet

The electrical infrastructure of your generating station is critical to maximizing power delivery to the grid. Effectively managing and optimizing the entire life cycle of your power delivery assets—from design to maintenance to upgrades—can help you avoid failures resulting in the loss of revenue or penalties.

GE Energy offers a wide range of Electrical Balance of Plant (BOP) services designed to improve the performance and reliability of your power delivery systems.

Electrical BOP services offer you flexibility in both purchase options and plan components that match your infrastructure management needs.

Services can range from basic inspection and maintenance of power delivery components to agreements that include forced outage support and availability guarantees.

Features

GE offers a range of service contracts designed to meet your needs. At the most basic level, the transactional contract is designed to provide planned maintenance for the electrical equipment within your plant with no long-term contractual obligation. The Multi-Year Contract and Electrical Contractual Service Agreement (CSA) incorporate volume discounts and risk sharing. Regardless of the contract level you choose, your electrical maintenance services will be delivered by highly skilled resources with expertise in a wide range of products, industries and systems.

Implementation includes comprehensive testing, analysis and troubleshooting, via leading edge technology and consistent service delivery based on standardized methods and procedures. GE field service engineers have direct access to GE product design teams who maintain expertise in the intricate details of power system equipment.

Features available with each service level include:

Contract Features	Transactional	Multi-Year Contract	Electrical CSA
Planned Maintenance Costs	Variable	Fixed	Fixed
Risk Sharing	Not Included	Not Included	Included
Unplanned Maintenance	Not Included	Optional Add	Included
Escalation Protection	Not Included	Included	Included
Payment Stream	Transactional	Level	Level
Spare Units Availability	Not Available	Not Available	Optional
Performance Guarantees	Not Available	Limited	Included
Availability Guarantees	Not Available	Not Available	Included



Benefits

- Increased plant availability
- Extended equipment life
- Reduced forced outages
- Minimized performance risk
- World class Environmental Health and Safety procedures
- Increased facility profits through fixed costs and unplanned coverage
- Reduced inventory/parts cost through preventive diagnostics

GE has provided electrical equipment and maintenance to power plants for over 100 years. Our combined resources include a wide range of engineering specialties, as well as experienced service and product design professionals. This team has the knowledge and skills to develop advanced inspection and maintenance practices that can improve the effectiveness of your plant's electrical infrastructure.



Applicability

Service Agreements for electrical BOP services are intended for domestic and international utility generating stations and independent power producers. Service agreements include the components of your electrical distribution system associated with gas turbine/steam turbine combined or simple cycle plants. Covered equipment may include:

- Transformers and accessories
- Isolated phase bus duct
- Medium/low voltage switchgear
- Disconnect switches
- Motor starters and motor control centers
- Protective relaying
- UPS and battery systems
- Motors
- Mechanical equipment



To learn more about this offering, contact your GE Energy sales representative, call 1-888-GE4-Serv or 540-378-3280, or visit gepower.com.



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