Extended Warranty offers a guarantee for your ABB Generator Circuit Breaker (GCB) system covering unexpected failures for up to five years. Extended Warranty is offered after a system assessment by ABB. The benefit includes fixed annual costs and no unplanned expenses due to electrical or mechanical breakdown of the GCB system. In case of a failure, ABB certified field service personnel carries out all necessary work and provide the necessary material for a worryfree operation of the GCB system.

Who is eligible for Extended Warranty?
Extended Warranty is available for SF₆-type breakers in the active sales portfolio¹ for all types of power plants², except nuclear power plants. The first application for Extended Warranty is possible at any time within the first 20 years of the product life cycle of the GCB system. A GCB system is eligible for Extended Warranty directly after commissioning, or upon successful completion of a system assessment or overhaul. A renewal of the Extended Warranty is possible up to 30 years after the manufacturing date.

Who offers Extended Warranty?
An Extended Warranty is offered by ABB after a successful system assessment. ABB offers webbased (Diagnostics) and on-site (Inspection or Analysis Inspection) system assessments of your assets.

What is the Cost of Extended Warranty?
The Extended Warranty service is billed as an onetime fee for easy budgeting. The amount of the fee depends on the type of the GCB system and the duration of the Extended Warranty. For detailed prices for the Extended Warranty of your GCB system, please contact your local ABB service partner.

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### System Assessment per Power Plant type

<table>
<thead>
<tr>
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<th>Pump Storage</th>
<th>Others ³</th>
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</thead>
<tbody>
<tr>
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<td>X ⁴ ⁵</td>
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<tr>
<td>On-Site Assessment</td>
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### Extended Warranty Duration

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<tr>
<td>Web-based Assessment</td>
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<td>X</td>
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</tr>
</tbody>
</table>

¹ Considered as active sales portfolio are: HEC 3, HEC 7/8, HECS, HGC 3, HGI, HECPS 3S/SS.
² ABB reserves the right to refuse offers.
³ Excluding nuclear power plants.
⁴ Depending on the power plant usage and condition of the GCB unit, ABB will suggest an on-site assessment instead.
⁵ For the web-based assessment, the maximum duration for the Extended Warranty is one (1) year.
⁶ Offering of two (2) years depend on the power plant usage and condition of the GCB unit.
Extended Warranty: Details

Start of the Extended Warranty

The Extended Warranty may be started at any time during the first 20 years of the product life cycle of a GCB system. The following conditions must be fulfilled:

- Successful completion of a web-based or on-site system assessment, an overhaul, or commissioning performed by ABB-certified field service engineers
- Operating personnel of GCB system trained by ABB

The type of the system assessment is dependent on the power plant type and the duration of the Extended Warranty.

Duration of the Extended Warranty

The system assessment or overhaul service that is required for an Extended Warranty agreement provides a schedule for subsequent system assessments or overhauls. The duration for the Extended Warranty may be up to five (5) years (dependent on the system assessment type) or until the next projected inspection or overhaul according to the Operation and Maintenance (O&M) manual, which ever occurs first.

Termination of the Extended Warranty Agreement

Either ABB or the customer may terminate the agreement with one month prior notice. A pro-rata share of the yearly fee will be reimbursed, excluding a processing fee.

Renewal of the Extended Warranty Agreement

After the successful completion of a required system assessment or overhaul, ABB will offer a new Extended Warranty.

Exclusions

The following services and/or costs are not covered by the Extended Warranty:

- Improvements to the breaker, such as modifications or upratings/upgrades
- Periodic checks, preventive maintenance or inspections according to O&M manual.
- Work, that does not apply to maintaining the operational safety of the equipment
- Repairs of damages resulting from negligence or improper usage
- Maintenance work and material for periodic checks, inspection services and overhauls

Repairs

In case of a failure, a remote or on-site inspector is typically dispatched within 24 hours. Required materials and parts is brought on-site by the ABB field service engineers or delivered CIF (Incoterms 2000). Preferably customer emergency stock or the local ABB service organization consignment stock is used. Additional lead times may occur due to customs, airline weight limits, ABB supplier constraints or legal constraints that may apply.

Disclaimer

This information sheet does not constitute an offer to sell or a solicitation of an offer to buy any products or services.