

ABB High Voltage Service

Your full-scope partner for OEM Circuit Breaker & GIS Parts and Services

OEM Brands We Proudly Support:



ASEA



Valuable Services We Proudly Provide:

Parts – These replacement components are manufactured to the precise dimensions and test requirements of the OEM specifications. These replacements incorporate the latest design modifications and materials to improve upon the original design.

Life Extension Kits – These kits include all the parts necessary to replace those items subject to wear, adding another 20-25 years to the equipment service life.

Up-rates – The interrupting and continuous current capabilities of many circuit breakers can be up-rated to meet increased system requirements at a significant savings versus the installed cost of new breakers. Up-rates can typically be funded using capital funding rather than precious O&M resources.

Retrofits – Control voltage changes and current transformer additions or changeouts are two common retrofits done to extend the life of breakers. Retrofitting old “two-pressure” breakers with current “puffer” technology is another life extension project for older breakers.

Re-manufacturing – Re-manufacturing in our shops in Mt Pleasant and Carson returns the equipment to a “like new” condition, while incorporating the latest safety and technology features. The rebuilt breakers carry a new breaker, 12 month warranty.

Field Services – ABB Factory Field Service Engineers provide the expertise and experience to handle the turnkey installation of new breakers and the entire range of life extensions, up-rates, and retrofits.

Training – ABB offers factory, on-site and Web-based training to meet your needs. Typical courses focus on the design, operation and general maintenance for the full lineage of breakers supported. The training can be tailored to the specific needs of the customer. If a course does not currently exist, we will create a custom course to suit the customers needs.

Fleet Assessment – ABB offers various fleet assessment packages, resulting in a comprehensive report prioritizing and detailing equipment health, risk factors and recommended future actions to ensure the uptime of your equipment!

NEW

Radiography – Reducing outage times, minimizing internal invasive maintenance, cutting-edge digital imagery, no degassing required! Radiography verifies the integrity of the circuit breaker internals without the need for costly invasive procedures. Performed in hours and accompanied by a comprehensive report of findings and follow-up actions.

NEW

Turnkey Installations – ABB uses our extensive field service and project management resources to now offer installation of HV equipment including, but not limited to circuit breakers, gas insulated switchgear (GIS) and capacitor bank systems. Call ABB to receive a free estimate on our installation services

ABB High Voltage Service

Your full-scope partner for OEM Circuit Breaker Parts and Services

OEM Product Types We Proudly Support:

HV SF6 Gas Dead-Tank Circuit Breakers

ITE 145 GA,GB
ITE 230 GA model A, GB model B
ITE 242 GB
ITE 345 GA,GB
ITE 550 GA,GB
Westinghouse 1380 SF
Westinghouse 2300 SF
Westinghouse 242 SF
Westinghouse SP (14.4-69 kV)
Westinghouse SP (242 kV)
BBC/ABB PA (115 – 242 kV)
ABB PM/G/E/I (15 – 800 kV)

HV SF6 Gas Live-Tank Circuit Breakers

Westinghouse DWE (121 – 169 kV)
Westinghouse LWE/LWER (242 – 550 kV)
Westinghouse SFA (242 – 800 kV)
Westinghouse SF (345 – 550 kV)
ABB EDF (15 – 72.5 kV)
ABB LTB (115 – 420 kV)
ABB HPL (69 – 800 kV)
ABB VCS
BBC ELF
BBC DLF/K

HV Minimum-oil Circuit Breakers

Westinghouse GC (14.4-72 kV)
Westinghouse GS
Asea HLA/B/C/R

HV Oil Circuit Breakers

Westinghouse G (14.4 kV)
Westinghouse G/GO (14.4-72 kV)
Westinghouse GM (115-138 kV)
Westinghouse GM (161-169 kV)
Westinghouse GMA (121-145 kV)
Westinghouse GMA (242 kV)
Westinghouse GMB (121-145 kV)
Westinghouse GMB (242 kV)
Westinghouse GW (230 kV)
Westinghouse GW (330-362 kV)
ITE KS (14.4 – 72.5 kV)
ITE KM (121 – 242 kV)



Operating Mechanisms for HV Circuit Breakers

Westinghouse AA-10
Westinghouse AA-14
Westinghouse AA-7
Westinghouse AH-10
ITE SE-31
ITE P-24,P-25,P-32,P-44,P-45 (OCB)
ITE PG-9,PG-9A,PG-10,PG-10A,PG-32, PG-32B (GCB)
BBC PKA
ABB HKA
ABB AHMA-4/8/11
ABB HMB/S-1.0/1.4/1.5/1.8/2.0/4/8.2/8.3



ABB High Voltage Service

Your full-scope partner for OEM Gas Insulated Switchgear Parts & Services

Gas Insulated Switchgear Installations We Proudly Support:

ABB/BBC Product Lines

ENK (72.5 kV)
EXK-0 (72.5 – 145 kV)
ELK-0 (72.5 – 170 kV)
ELK-1 (242 kV)
ELK-14 (242 – 362 kV)
ELK-2 (362 kV)
ELK-3 (550 kV)
ELK-4 (800 kV)

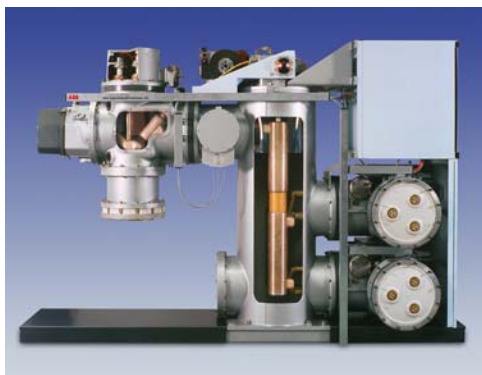
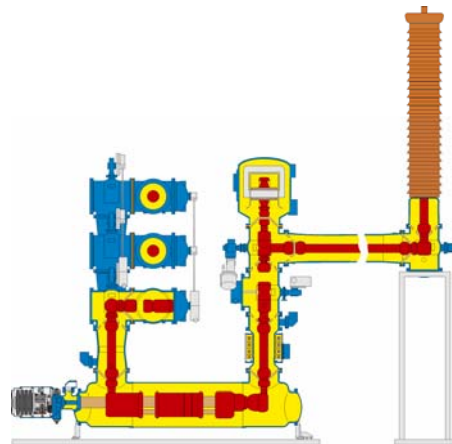


ITE Legacy Products

ITE145 (145 kV)
ITE242 (242 kV)
ITE362 (362 kV)
ITE550 (550 kV)

Asea Legacy Products

VGA (72.5 kV)
VGB (72.5 – 145 kV)
VGC (72.5 – 170 kV)



Supported Operating Mechanisms

BBC
BAA
HKA
AHMA
HMB
PG