

HIGH VOLTAGE SWITCHGEAR AND SWITCHING DEVICE



Your Trusted Partner for testing and certification

Why it matters

High-voltage switchgears are critical to safe and reliable power transmission, protecting grid assets by isolating faults and minimizing outages.

What we do

We provide independent testing and certification for high-voltage switchgear and switching devices, verifying performance under real operating and fault conditions.

- Short-circuit testing up to 1100–1200 kV
- Certification to IEC & ANSI international standards
- Realistic test circuits and advanced methodologies

Testing capabilities

- Synthetic testing up to **245 kV**
- Direct testing up to **72.5 kV**
- Current injection up to **362 kV**
- Voltage injection up to **550 kV**
- Double voltage injection up to **1200 kV**

Our services

- Short-Circuit & Capacitive Tests
- Dielectric & Routine Tests
- Temperature Rise & Climatic Tests
- IP Protection & Mechanical Impact Verification

Products expertises

HV Switchgear • Circuit Breakers • HVDC CBs • Disconnectors & Earthing Switches • GIS Substations



World-class Labs Where Innovation Sparks Energy Excellence

KEMA Labs

CESI Group

CESI S.p.a.

Via Rubattino 54
20134
Milan, Italy

IPH Institut “Prüffeld für elektrische Hochleistungstechnik” GmbH

Landsberger Allee 378
12681 Berlin
Germany

KEMA B.V.

Klingelbeekseweg 195
6812 Arnhem
The Netherlands

KEMA Powertest LLC

County Line Road 4379
Chalfont, PA, 18914
United States

FGH Engineering and Test GmbH

Hallenweg 40
68219 Mannheim
Germany

Zkušebnictví, a. s.,

Podnikatelská 547
190 11
Prague 9 – Běchovice
Czech Republic