

# ELECTRO COMPOSITES SDC™ HV GENERATOR BUSHINGS

## Solid HV Bushings Solution for Generators and Power Plants

Electro Composites™ offers HV SDC™ composite bushings specifically designed to meet the demanding performance requirements of hydrogen cooled generators and synchronous condensers. Replacement bushing solutions are available up to 36kV and 50kA, and are made to be directly interchangeable with the original bushing.

### CAPABILITIES

- Bushings for hydrogen, air and water cooled turbo generators and synchronous condensers
- “Form, Fit and Function” replacement bushings
- Possibility to reuse old bushing conductor, terminals and cooling attachments

### FEATURES

- SDC™ (Solid Dielectric Capacitor) composite epoxy core
- High temperature 130C rated insulation
- Capacitance graded with internal grounding shield
  - Capacitance test tap (optional, depending on design)
- Designed and tested for maximum leak rate of  $1 \times 10^{-6}$  cc/sec-atm
- Water, gas or air cooled conductor designs
- Vertical or horizontal installation
- Designed and tested according to DIN 48 124, IEC 60137 or IEEE C57.19.00, and to customer specification



[hubbellpowersystems.com](http://hubbellpowersystems.com)

For more information about Electro Composite products and services, contact your local Hubbell representative or call our factory at 450-431-2777 or email us at [bushings@hubbell.com](mailto:bushings@hubbell.com)

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