

## Testing, Maintenance & Operation of Electrical Substations

Date		(\$)Fees	
21 July -25 July 2024	SALALA	3200	<a href="#">Register Now</a>

### Course Overview:

This course is aimed at introducing the power-substation layout and design to utility and industrial engineers. The course will cover substation layout, design, grounding and protection. The course will be supported by practical design examples.

### who should attend?

Engineers involved in design, operation and maintenance of power substations. A degree in electrical engineering is recommended to gain maximum benefit.

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### Course Outlines:

- Introduction
- Power Systems

-Substations of Voltages 230 kV and Above

-Substation Busbars

- Substations of Voltages up to 220 kV

-Transformer, Reactors and Regulators Transformers

**-Reactors**

**-Regulators**

**-Outgoing and Incoming Overhead Lines**

-Tower Selection

- **Substation Grounding**

-Zones of Protection

**-Circuit Breakers**

**-Reclosers, Sectionalizers and Fuses**

- **Lightning Protection**



00971504646499



info@britishtc.org



<http://britishtc.org/>