

# Standby Diesel Generator

## Agenda

09:15          Arrival – Registration / coffee / tea

**09:30          Session 1:**

- Student Exercise
- Fault level analysis, selection of alternators / governors, selection of circuit breakers
- Understanding decrement curves and capability curves and the impact of leading power factors and harmonics

11:15          *Coffee / tea break (15 mins)*

**11:30          Session 2:**

- Practical approach to generator fault level analysis and use of decrement curves
- Understanding fault level classifications and withstand capability of circuit breakers

13:00          *Lunch (60 mins)*

**14:00          Session 3:**

- Impact of leading power factor on generators and understanding capability curves
- Sizing of standby diesel generators and what to consider

For more information about this course contact the training team:

[training@cibse.org](mailto:training@cibse.org) | [cibse.org/training](http://cibse.org/training) | +44 (0)20 8772 3660

15:00      *Coffee / tea break (15 mins)*

**15:15      Session 4:**

- Capability of alternators / governors
- Generator earthing and calculations

**16.00 - 16.30 Q & A**

For more information about this course contact the training team:

[training@cibse.org](mailto:training@cibse.org) | [cibse.org/training](http://cibse.org/training) | +44 (0)20 8772 3660