

ABB Electrical Electrical House

Are you new to the concept of pre-fabricated substations?

Do you want to avoid construction delays due to difficult site conditions?

Are you involved in the design and project lifecycle of Electrical House solutions?

Are you interested in turn-key electrical solutions?

The Electrical House or E-House, is a transportable, pre-fabricated and pre-commissioned electrical room in container design. Typically incorporating:

- MV and LV distribution equipment
- Power Management Systems
- Fire and Gas detection systems
- HVAC systems

E-Houses can be configured to withstand extreme climate and environmental conditions such as temperature, humidity, storm and bomb blasts with various levels of fire rating. Protecting the equipment located within.

This session covers the subject broadly, starting with overall concepts, through detailed engineering aspects and project delivery model, concluding with the benefits for the customers.

Who should attend?

This session is aimed at project, electrical, control, instrumentation, maintenance and application engineers, also procurement specialists, who require a general introduction and awareness of E-House and LER solutions.



Benefits of attending

- Introduction for those new to the subject
- Understanding the advantages of turn-key electrical solutions
- Overview of different aspects of design

Topics covered

- Overview of key drivers
- Design considerations and calculations
- Classification of the E-Houses (safe and hazardous locations)
- Integration of typical components
- Engineering deliverables
- Layout engineering optimising safety and operation requirements
- Structural aspects of module construction including relevant standards
- Integrated process and power solutions
- Project execution methodology

Duration: 1 or 2 hour session followed by optional discussion session

Venue: ABB offices in Cambridgeshire, Aberdeen or customer location