



UTILITY-SCALE BATTERY ENERGY STORAGE SYSTEMS (BESS)

29 & 30 SEPTEMBER 2025

M WORLD HOTEL, PJ

email us at hello@ik.academy to register

** Inclusive of printed material,
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information

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COURSE OUTCOME

Upon completion of this course the participant will be able to:

- Understand the problems brought about by the energy transition on the grid.
- Understand the reasons and needs for an energy storage system.
- Understand the various technologies and components in an energy storage system, and the limitations associated with them.
- Understand the safety issues related to energy storage systems.

COURSE OUTLINE

DAY 1

Energy storage overview	Grid Network and Electricity Market Requirements	Grid Connected Applications
Case Studies	Energy storage technologies	BESS trends and development

DAY 2

BESS Planning and Construction	What is in the box?	Technical performance indicators
Energy storage technology risks	Risk assessment and mitigation measures	Energy storage project risks
BESS decommissioning	Warranties and responsibilities	Regulations and standards
Levelized cost of storage		