Energy storage in innovative markets

OBJECTIVE

Discover the main storage technologies used in power grids nowadays and their main markets and applications from a practical point of view.

AUDIENCE

Engineers and professionals in general interested in energy storage systems and main storage technologies and applications.

LIVE ONLINE TRAINING
Duration: 9 hours
More information and registration here:
https://bit.ly/HitachiGridAcademy

CONTENT

Introduction to storage technologies
- Background. Current trends
- Justification of the need to design networks with storage and regulatory framework
- Main energy storage technologies: hydraulic, electromagnetic, chemical and electrochemical

Main storage technologies
- Battery storage: Description of the technology. Case studies
- Power electronics and automation in storage systems

Energy storage applications:
- Interconnected networks
  - Applications in transmission and distribution networks
  - Storage applications in renewable projects

Markets and business models
- Markets
- Optimal participation in multiple markets

Case studies
- Feasibility studies, choice of technology and sizing

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