



Energy Storage & Electric Vehicles

Who Should Attend

This course is ideal if:

- You are from the investment community. Electricity storage presents a fast-growing market opportunity which you are keen to investigate, but you want to gain an independent perspective on the competing options, the economic environment in which storage projects operate, and the operational and revenue risks which are important to them.
- You are working within the power sector in a commercial or business development role. You need a clearly explained, multi-faceted understanding of how, where and why electricity storage is disrupting existing markets and business models, so that you can understand new market opportunities and competitive risks facing your own business.

Module I: Mastering Energy Storage

Course Overview

A comprehensive understanding of business opportunity, competition & risk in this key growth sector.

Do you understand the technology solutions, business considerations and market environments driving the booming energy storage market? This training course provides a timely, comprehensive and business-focused summary of the energy storage landscape. It covers the variety of competing storage technologies and describes the variety of problems they can address, at a wide range of deployment sizes and timescales. It also considers alternatives to storage and barriers to its market growth, making it essential for those seeking to evaluate risks as well as opportunities. Attendees will leave with a clear understanding of why and where storage markets are growing, what could limit this growth and what the future trends will be. If you are thinking of investing in or developing an energy

storage business, this course provides your essential grounding in the core issues.

Benefits of Attending

- Speak the language of electricity storage: terminology and concepts explained
- Language designed for non-engineers; particularly senior, commercial executives & investors
- Core knowledge building, plus examples from around the world
- Discussion of market analysis variables
- Quantification of key issues using simple numerical calculations and Excel-based tools
- Understand the key variables determining the economics of electricity storage
- Review current and emerging market opportunities for electricity storage
- Navigate complex, multi-service contractual relationships
- Be better able to converse with storage project partners, suppliers or investors
- Know what to look for when evaluating electricity storage market opportunities
- Be better able to identify key investment and project development risks
- Understand the key variables determining the economics of electricity storage projects
- Learn and discuss how financial returns and risks will arise in the electricity storage market
- Learn how to analyse and critique electricity storage business models

Module II: Charging Electric Vehicles - Grid Impacts & Value Chain Opportunities

Course Overview

Are you ready for the challenges & opportunities of electric vehicle (EV) charging?

This is an EV course for those in the electricity infrastructure and supply business. It introduces you to key power system issues arising from the transition from fossil-fuelled to electric vehicles. What challenges arise from the need to charge grid-connected vehicles and what new business opportunities and all-new power system applications and services are created?

You'll leave with a thorough grounding in the critical business issues (opportunities and risks) resulting from this disruptive market transition. You'll be presented with a mix of current market data, case studies, contrasting opinions and scenarios.

To help you better understand the variables and uncertainties that exist in reality, we'll illustrate and discuss quantitative calculations; with all calculators and models available to take away and use after the course.

The training course is designed for investors, developers and policymakers assess new market opportunities and risks during the integration of growing fleets of electric vehicles into transitioning electricity systems.

Benefits of Attending

- Clear, independent and business-focused introduction

- Language designed for non-engineers; particularly senior, commercial executives & investors
- Core knowledge building, plus examples from around the world
- Discussion of market analysis variables & value chain scenarios
- Quantification of key issues using simple numerical calculations and Excel-based tools
- Review examples and projects in charging infrastructure and charging control from around the world
- Be better able to converse with EV and grid project partners, suppliers or investors
- Identify key power system business opportunities which arise from the growth of EVs

We'll answer these key questions:

- What are the system and local capacity barriers to EVs at scale?
- Which charging solutions (and hence market opportunities) are essential?
- How will "smart" charging be achieved and what might limit it?
- What are the key lessons from pilots and early deployments of managed charging, vehicle-to-grid and more?
- What are the different scenarios and impacts of fast charging networks?
- How might AVs and other emerging technologies alter infrastructure needs?
- Which market players are leading the way in developing EV charging infrastructure and business models?
- ... and many more!

Course Certificate

Upon the successful completion of this course, you will receive a Certificate of Completion, to testify your endeavour and serve towards your professional advancement.

Venue

To be confirmed

 June 22, 2020 - June 26, 2020

 London, United Kingdom

Contact information

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