



Professional course Energy storage for power networks: an introduction to the technology and the applications

Program

Module 1: Overview of energy storage technologies

- Principles of operation, main characteristics (1.5 hours)
- Balance of plant components (power electronics and ancillaries) (1 hour)
- Study case: assessment of cost models (2.5 hours)

Module 2: Applications of storage technologies in power systems

- Review of applications (2.0 hours)
- Study case: sizing of a battery bank associated to a PV generating system (2.0 hours)

Module 3: Regulation and business models

- General overview of regulations and business models (1.0 hours)
- Study case: Economic feasibility of a battery bank in a large-scale PV plant. (2.0 hours)

PLACE: ETSEIB, Av. Diagonal 647 2nd floor, Barcelona

DATES: 06, 07, 08 February 2019

SCHEDULE: Three sessions from 9:00 to 13:30 h.

This training can be custom made for businesses, planning the courses in new dates and schedules, if there is a sufficient number of students who request it.

PRICE: 350 €, 12 hours.

DISCOUNTS 10% for students and teachers, companies that register 3 or more people and members of associations where CITCEA-UPC is associated to.

PROFESSORATE: Francisco Díaz is Lecturer at the Universitat Politècnica de Catalunya from 2015. From 2009, he has been researching in close collaboration with the industry in projects related to renewables grid integration and the application of energy storage technologies.



“REGISTRATION AND MORE INFORMATION:”

You can call 93 401 19 68 or send an email: anna.de.casas@citcea.upc.edu

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