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) (1.5 hours)
- Study case: assessment of cost models (2.0 hours)

**Module 2: Applications of storage technologies in power systems**
- Review of applications (2.0 hours)
- Study case: sizing of a battery bank for PV generating system (2.0 hours)

**Module 3: Regulation and business models**
- Current regulations and future trends (1.0 hours)
- Business models (1.0 hours)

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

**DATES:** 19, 20, 21 June 2017.

**SCHEDULE:** Session 1 and 2 from 9 to 1pm. Session 3 from 9 to 12pm.

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:** 330€, 11 hours.

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

**PROFESSORATE:** Francisco Diaz is Doctor in Electrical Engineering from UPC. Since 2015 he works in CITCEA at the Universitat Politècnica de Catalunya as a Postdoc Researcher. He is professor in the Master courses of UPC and he also teaches in the master and professional courses of CITCEA.

“REGISTRATION AND MORE INFORMATION:”
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