

Power system economics and special topics

Location: Building 05 – Room 211

Time: 11:00 to 13:00 o'clock (Lecture)

Location: Building G22A-Room 209

Time: 13:00 to 15:00 o'clock (Exercise)

Lecturer: Dr.-Ing. Pio Lombardi

Content:

- Basics of economy and overview of markets
- Electric market architecture
- Economic electric dispatch
- Market for ancillary Services
- Planning of investment in transmission and generation sectors
- Kyoto Protocol and other environmental mechanisms
- Smart Grids and other special topics

Nr.	Datum	Thema
1	17.10.2019	Basics concepts from economics I
2	24.10.2019	Basics concepts from economics II
3	31.10.2019	Markets for electrical energy
4	07.11.2019	Participation to the electricity market
5	21.11.2019	System Security and Ancillary Services
6	28.11.2019	Network reliability
7	05.10.2019	Transmission network and electricity market
8	12.12.2019	Power station scheduling
9	19.12.2019	Locational pricing, PTDF
10	26.12.2019	- Christmas Holiday -
11	02.01.2020	- Christmas Holiday -
12	09.01.2020	Investing in Generation and Transmission
13	16.01.2020	Carbon emissions Trading and technology
14	23.01.2020	New concept of smart grids
15	30.01.2029	Summary and training for the examination