

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	11.10.2018	Basics concepts from economics I
2	18.10.2018	Basics concepts from economics II
3	25.10.2018	Markets for electrical energy
4	01.11.2018	Participation to the electricity market
5	08.11.2018	No Lecture
5	15.11.2018	System Security and Ancillary Services
6	22.11.2018	Network reliability
7	29.11.2018	Transmission network and electricity market
8	06.12.2018	Power station scheduling
9	13.12.2018	Locational pricing, PTDF
10	20.12.2018	Investing in Generation and Transmission
11	27.12.2018	- Christmas Holiday -
12	03.01.2019	- Christmas Holiday -
13	10.01.2019	Carbon emissions Trading and technology
14	17.01.2019	New concept of smart grids
15	24.01.2019	Summary and training for the examination