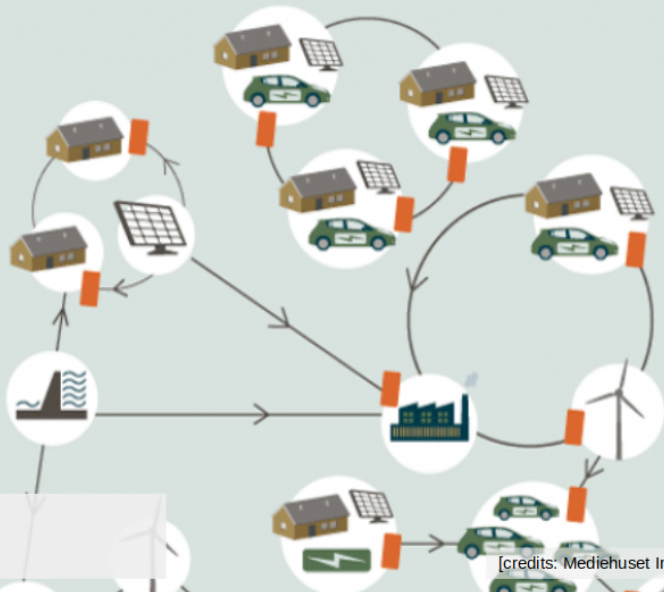
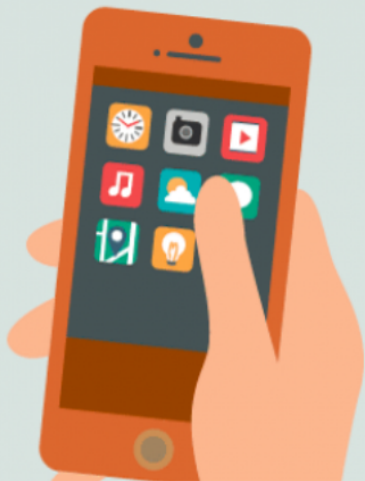


Module 4 – Ancillary services

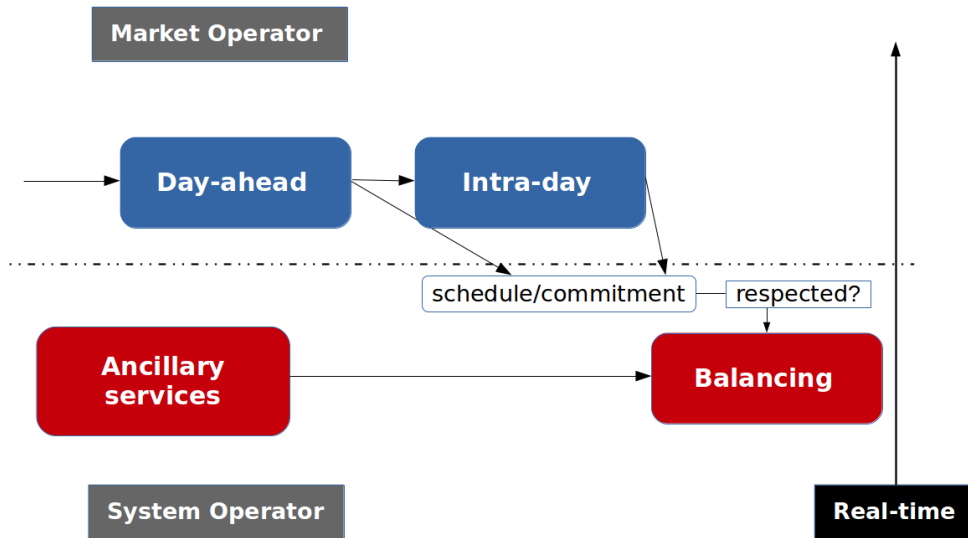
Module introduction



Pierre Pinson
Technical University of Denmark

[credits: Mediehuset Ingeniøren]

In the electricity market timeline



Through this module, it is aimed for you to be able to:

- 1 Explain the **need for ancillary services**
- 2 Describe **the various types of ancillary services**
- 3 Understand **differences between capacity, energy and other payments**
- 4 Calculate **revenues of ancillary providers**

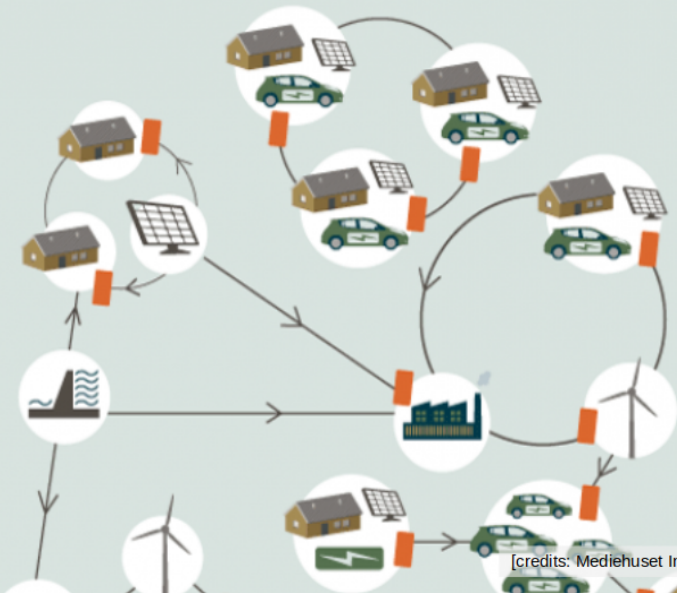
Module 4 is based on 3 video lectures and associated self-assessment quizzes:

4.1 Why ancillary services?

4.2 Payments for capacity and energy

4.3 Ancillary services and payments

Good luck with Module 4!



[credits: Mediehuset Ingeniøren]