Multi-technology auctions and technological bias

Preview

5th Regional Workshop, virtual, 23 October 2020
One topic - two reports

- Increasing number of multi-technology auctions in Europe
  - Demanded by EU COM and State Aid Guidelines
- Important (future) trend in the landscape of RES auctions
- Several challenges
  - Which technologies should be included?
  - How do multi-technology auctions perform?
  - Can/should we offer a level-playing field (e.g. realisation period, penalties, etc.)
  - How are they designed?

→ D8.1 Report on technology biases in technology-neutral auctions
→ D7.2 Report on multi-technology auctions
D7.2 Report on multi-technology auctions – end of November 2020:

- Establish exact **terminology** for auctions with more than one participating technology (multi-technology, technology-basket, technology-neutral, etc.), incl. technology-openness scale
- Overview of design elements, auction outcomes and broad analysis of multi-technology auctions in the EU
- Two-three brief case studies:
  - PJM, Brooklyn Queens Demand Management Program (US): renewables+DSM
  - SDE++ (Netherlands): CO2-savings
  - India: hybrid auction
  - Denmark: multi-technology auction (incl. hybrids)
  - Germany: innovation auctions
AURES II has received funding from the European Union’s Horizon 2020 research and innovation programme under grant agreement No 817619

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