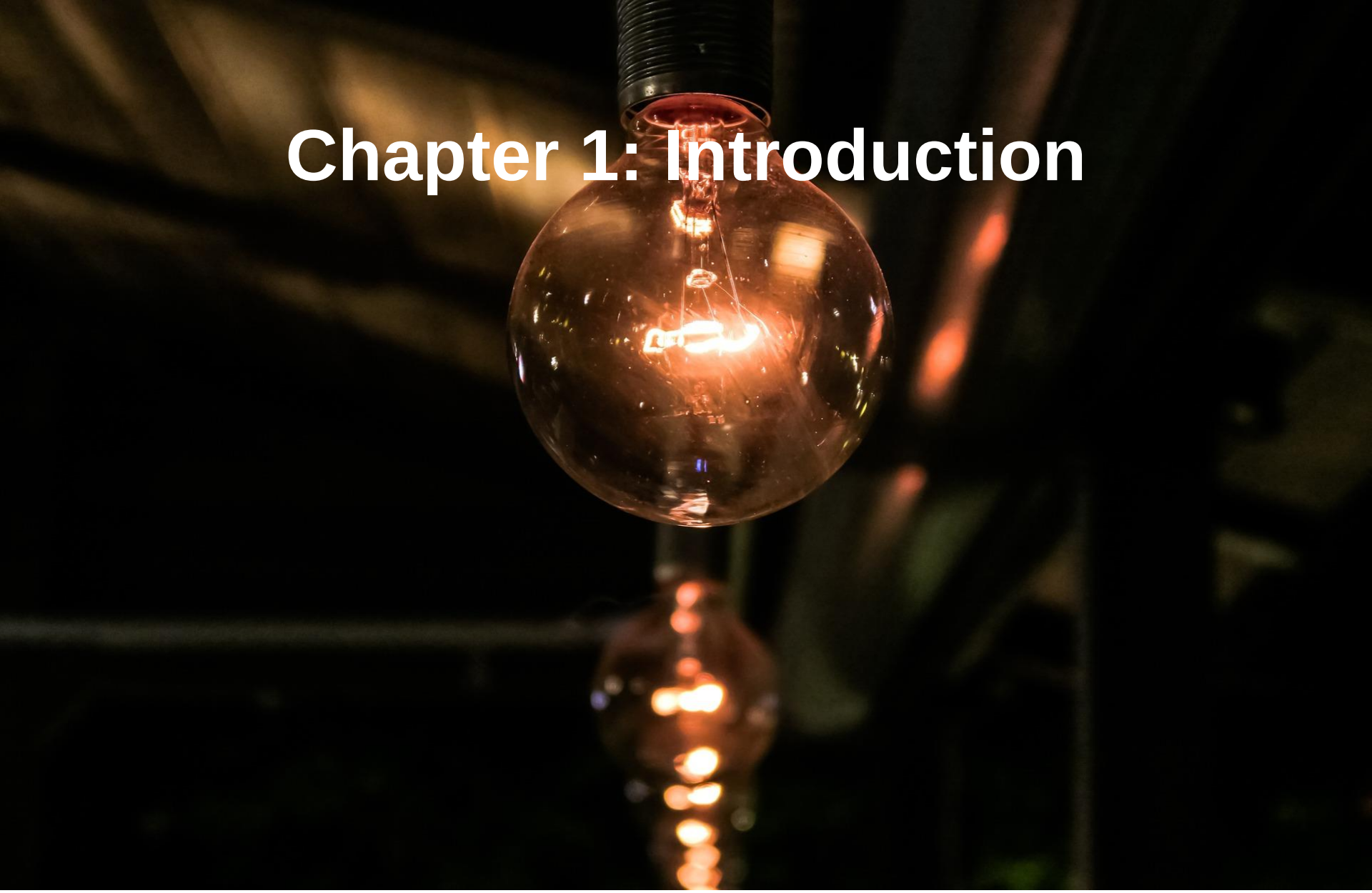
Chapter 1: Introduction



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Balancing Market Bidding and Data Submission Intro

- The Self Learning Training Materials will concentrate on the core theory of all elements in data submission for bidding in the Balancing Market. These materials will include all the training information developed on unit type specific data, so that a unit with particular data requirements will not have to attend Instructor Led Training to find information for their particular circumstances if they feel the Self Learning Training is sufficient. These materials will also include all training information developed on (Validation) Registration Data and Grid Code Data (i.e. these will not be covered in Instructor Led Training except for answering any questions trainees have), because while they affect balancing market positions they are not core to the process of submitted bidding data, and the details in these areas do not change much between the SEM and I-SEM arrangements.

- The Instructor Led Training Materials will build on this theoretical knowledge by concentrating on processes as defined under the Agreed Procedures, considering some more specific practical details and requirements of data submission such as validation rules, and concentrating on those areas which are new or changed by a large extent in the I-SEM arrangements (in particular Physical Notification Data, Commercial Offer Data, and how this data is used in Scheduling, Dispatch, Pricing and Settlement). The Instructor Led Training session will also allow time for trainees to ask questions arising from their reading of the Self Learning Training Material.

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- A note on sign conventions:
  - Power (MW) or energy (MWh):
    - Being input into the SEM are positive values;
    - Increases to the amount being input into the SEM / decreases to the amount being taken from the SEM, are positive values;
    - Being taken from the SEM are negative values;
    - Decreases to the amount being input into the SEM / increases to the amount being taken from the SEM, are negative values.
  - Power (MW) or energy (MWh) in relation to an Interconnector:
    - Being imported into the SEM are positive values;
    - Increases to the amount being imported into the SEM / decreases to the amount being exported from the SEM, are positive values;
    - Being exported from the SEM are negative values;
    - Decreases to the amount being imported into the SEM / increases to the amount being exported from the SEM, are negative or zero values.
- Amounts (in € or £):
  - Due to a Participant or Unit from the Market Operator are positive values;
  - Due from a Participant or Unit to the Market Operator are negative values.

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- A Trading Day (TD) is a 24 hour period starting at 23:00:
  - E.g. the period of time for Trading Day 01/04/2018 would start at 23:00 on the calendar day 31/03/2018, and would end on 23:00 on the calendar day 01/04/2018;
  - This aligns with European Trading Days, which start at midnight Central European Time.
- An Imbalance Settlement Period is a half-hour period starting on the hour and on the half hour.