

FlexOffer principles

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FlexOffer principles:

FlexOffer is made of a common generic core and possible application-specific profiles.

FlexOffer supports the following functions:

- Common representation of flexibility
- Application protocol and data format
- Trading and settlement, depending on the market
- Flexibility activation (direct or via EMS)

The design of FlexOffer is consistent with the following principles:

- Aggregation-based
- Consistent with the Harmonized Electricity market model
- Suitable to any market and trading mechanism
- Interoperable, Scalable, Trustworthy

FlexOffer boundaries:

FlexOffer is not:

- Specific to any flexibility generation technology
 - FlexOffer is based on a common representation of all technologies, leading to improved interoperability.
- A communication protocol
 - Flex offer does not cover the transport layer of the OSI model and below
- Attached to a transport medium

FlexOffer does not cover the following functions:

- Internal energy management of an energy management system
- Monitoring of grid codes & physical properties of the network (voltage, frequency, phase distortion, ...)
- A specific clearing mechanism