



### [Transactive Markets]

What Market mechanisms do we need to support the Transactive Energy Model?  
 Which technologies do we need to implement those markets?  
 Which Market Platforms do we need to implement those markets?  
 What are the key regulatory aspects to be accomplished (or changed)?

What are the needed Prosumer Local Use Cases to support the Transactive Energy Model?

What are the Key Business Entities to support these Use Cases?

What are the needed Prosumer DSO Integrated Use Cases to support the Transactive Energy Model that could be handled internally by Prosumer?

What are the Key Business Entities to support these Use Cases?

Which is the needed information (from the Prosumer side and from the DSO side) to support Use Cases?

What are the needed Prosumer DSO Integrated Use Cases to support the Transactive Energy Model that could be provided by an Aggregator?

What are the Key Business Entities to support these Use Cases?

Which is the needed information (from the Prosumer side and from the DSO side) to support Use Cases?

[Aggregator]

What are the needed Grid Service Use Cases to support the Transactive Energy Model that could be provided by Grid Service Providers?

What are the Key Business Entities to support these Use Cases?

Which is the needed information (from the Prosumer side and from the DSO side) to support Use Cases?

[Grid Service Provider]

What are the needed Grid Service Use Cases to support the Transactive Energy Model that could be handled internally by DSO?

What are the Key Business Entities to support these Use Cases?

Which is the needed real time common information (from the Prosumer side and from the DSO side) to support Use Cases?

What are the needed Grid Management Use Cases to support the Transactive Energy Model?

What are the Key Business Entities to support these Use Cases?

What are the Information that could be available in the real time common data space? What use will they be given? Which is the needed latency?  
 Which Ontologies should be implemented on this layer?  
 Which technologies do we need to implement this layer?



[Prosumer]



[Grid]

Which intelligent devices/systems provide information to the Prosumer? What services do they provide?  
 Which is the needed Edge information to support Use Cases?  
 What are the computation and storage capacities needed on the Prosumer side?  
 In what decisions should the devices/systems help the Prosumer?

[Edge Technical Overlay]



Which intelligent devices/systems provide information to operator? What services do they provide?  
 Which is the needed Edge information to support Use Cases?  
 What are the computation and storage capacities needed on the DSO side?  
 In what decisions should the devices/systems help the DSO?