

TSOs:

TSOs in eBADGE are facilitators of a trans-national balancing market that enables active participation of demand response in real-time balancing of power systems. Approaches that are being developed on the theoretical basis within Network Code

Electricity balancing will be tested and validated with a pilot demonstration based on our daily business experience. With eBADGE we are trying to analyse different concepts of balancing market integration, trying to prove further benefits:

- Get access both to a more diversified generation technology mix from the adjacent control areas and explore further opportunities to offset deficit and surplus net positions, with the goal to minimize costs and increase efficiency.
- Contribute to exchange of reserves and increase security of supply. In an area where TSOs have compatible balancing mechanisms, each TSO will be able to call balancing power from neighbouring TSOs in a market based way, and so contribute to the reduction of the risk of supply interruption.
- In line wide EU-wide trends of energy efficiency, we will check and test the potential of demand response participation in the balancing markets of Italy, Austria and Slovenia.

The figure below shows general structure of the electric energy market as result of eBADGE project.

