

A concept of prosumer-centric energy solutions

Gunnar Hoffmann, RWE AG, Germany

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The energy system is subject to significant changes. One major challenge is the steadily increasing share of renewable energy. That development demands for appropriate solutions. It is expected that entities of the future system will be more and more interconnected in order to balance load and demand.

Key approaches within the field of Smart Energy are addressed in the presentation. In essence they comprise Smart Metering, Demand Side Management and Virtual power plants. Besides technical concepts the surrounding regulatory framework is discussed as well. The main emphasis is put on European market conditions.