Neue Perspektiven für die Energiewirtschaft

Dr. Guntram Würzberg

enreg Jahrestagung 5. Dezember 2019 Forces of the new energy system





Central

Fossil & nuclear

System-oriented





The new E.ON – creating two focused European energy companies

*This is a simplified illustration. Nuclear assets as well as a few minor assets are disregarded.



E.ON is in sync with the heartbeat of the new energy world



Aspiration to develop the platform for energy transition



Energy transition is and will be happening essentially at the DSO-level

E.ON takes part in developing our future



E.ON leading in smart grid projects



E.ON provides green gas from green electricity





Growing portfolio of solutions and services across all customer segments

New Solutions B2B

On-site supply of heat, steam, power, cooling and pressurized air **On-site** Bespoke onsite power and heat supply ~5-200MW Digitization of the entire value chain with IQ-CHP (intelligent, digital CHP) Generation AI-based solutions for remote O&M Manage energy consumption Energy • Optimization of energy and core manufacturing processes with AI, e.g. predictive maintenance Efficiency • Cost reduction via digital platform, e.g. steering energy consumption data-based Remote optimization to enable energy savings and asset reliability Optimizing and monetizing central and decentral flexibility Flexibility & • Bundling flexibilities in a Virtual Power Plant platform and offering to the TSO Forecasting annual maximum load for ensuring feed-in at the correct time Storage • Load profile analysis, forecasting and peak shaving with grid fee savings up to 80% Designing and delivering integrated energy solutions Energy • Optimizing of a business' energy usage by designing highly individual integrated energy solutions Consulting Running an energy audit to identify savings potential • Designing detailed action plan based on insights from energy audit

Solutions for consumers and small businesses





eon