

ENERDAY 2016 - 11th Conference on Energy Economics and Technology

Energy Efficiency and Demand Response

Informal Get Together **Thursday, 7 April 2016, 7 pm**
Café Central, Altmarkt 6, 01067 Dresden

Conference Program on 8 April 2016

Technische Universität Dresden, Faculty of Business Economics, Faculty Assembly Hall

8:30	Registration, Coffee & Tea			
9:00	Opening Address (Room: Faculty Assembly Hall) Prof. Dr. Dominik Möst, TU Dresden, Chair of Energy Economics Prof. Dr. Christian von Hirschhausen, TU Berlin, Workgroup for Infrastructure Policy (WIP) and DIW Berlin			
9:30	Keynote Speech (Room: Faculty Assembly Hall, Chair: Prof. Dr. Christian von Hirschhausen) Rebound – The Achilles Heel of Energy Efficiency? Prof. Dr. Reinhard Madlener (RWTH Aachen University)			
10:15	Coffee & Tea			
10:45 - 12:05	Potential of Demand Response Room: Fac. Assembly Hall Chair: Christoph Zöphel	Energy Efficiency 1 Room: A03 Chair: Julia Michaelis	Congestion Management and Market Design Room: B37 Chair: Matthew Schmidt	Power Prices and Tariffs Room: Dresden Memorial Chair: Samarth Kumar
10:45	Prospects of Electricity Demand and Demand Side Management Potentials of Residential Customers Jörg Dickert (TU Dresden)	Investments in Energy Efficient Technology: Survey-based Evidence on the Behavior of German Manufacturing Firms Philipp Massier (Centre for European Economic Research)	Coordinating Cross-Country Congestion Management Dr. Friedrich Kunz (DIW Berlin)	Wholesale price volatility: the effect of uncertain wind feed-in Thomas Möbius (Brandenburg University of Technology)
11:05	How much flexibility can Demand Response applications provide the electricity system? Theresa Müller (TU Dresden)	Consumer Inattention and Energy Efficiency: The Causal Effect of Label Elements Stephan Sommer (RWI)	Assessing the impacts of market-designs on investments in flexible technologies Nikolas Hary (MINES ParisTech; Microeconomix)	Risk premia in electricity spot markets – New empirical evidence for Germany and Austria Niyaz Valitov (University of Wuppertal)
11:25	An assessment of the achievable potential of large-scale Demand Response Antoine Verrier (Paris Dauphine University)	How do companies differ in their investment behaviour for energy efficiency? Comparing the iron & steel and cement sectors with survey results and cluster analysis Thomas Ketelaer (FZ Jülich)	Electricity market design: Policy coordination Prof. Dr. Hannes Weigt (University of Basel)	Trading behavior on the continuous intraday market ELBAS Richard Scharff (KTH Royal Institute of Technology; Vattenfall)
11:45	Plant-specific bottom-up analysis regarding the feasibility of DSI potentials in the industry sector in Germany Nikolai Klemp (University of Stuttgart)	Impacts of Energy Efficiency and the Value Chain on Corporate Financial Performance Anne Bergmann (TU Dresden)	Tender Frequency and Market Concentration in the Balancing Power Market - The Case of Germany Frank Obermüller (ewi Energy Research & Scenarios)	Optimal retail tariff design for electricity markets with high shares of renewable energy Andreas Knaut (University of Cologne)
12:05	Lunch			
13:15	Keynote Speech (Room: Faculty Assembly Hall, Chair: Prof. Dr. Dominik Möst) The EnBW Pilot Project „Flexible Power-to-Heat“ Dr. Holger Wiechmann (Energie Baden-Württemberg AG)			
14:00	Short 5-Minute-Break			

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14:05 - 15:25	Demand Response for Renewable Integration Room: Fac. Assembly Hall Chair: Theresa Müller	Energy Efficiency 2 Room: A03 Chair: Daniel Schubert	Infrastructure, Systems and Policy Room: B37 Chair: Hannes Hobbie	DSO and Distributed Renewable Energy Sources Room: Dresden Memorial Chair: Michael Zipf
14:05	Demand response an option for reserve power? Dr. Rainer Enzenhöfer (TransnetBW GmbH)	Identifying the influence of design parameters on energy performance of residential buildings by sensitivity analysis Kamran Naeiji (TU Berlin)	Impacts of a German coal phase-out on the German electricity mix and prices Hasan Ümitcan Yilmaz (Karlsruhe Institute of Technology)	DSO revenues from Local Balancing Cluster with active demand side Rafał Dzikowski (Lodz University of Technology)
14:25	Steering demand response and renewables in distribution grids via network charges? Christine Brandstätt (Jacobs University Bremen)	Can Energy Efficiency Save Energy? An Economy-Wide Rebound Effect Simulation for Turkey Tugba Somuncu (Istanbul Technical University)	Influence of balancing reserves on the electricity infrastructure in Europe until 2050 Casimir Lorenz (TU Berlin)	Reactive power provision from the distribution grid and its effects on redispatch cost Fabian Hinz (TU Dresden)
14:45	Potentials of industrial load management in Germany Victoria Orioli (Siemens AG)	Economic Analysis of Energy Refurbishment in Buildings Isidoro Tapia (European Investment Bank)	Let lignite take a backseat – The lignite phase-out in the context of the German transmission grid extension David Gunkel (TU Dresden)	Distributed Renewable Energy Sources with Demand Response Integration in Low Voltage Distribution Grid Jernej Zupančič (University of Ljubljana)
15:05	Field of Tension between Energy Efficiency and Flexibility Anna Gruber (Forschungsgesellschaft für Energiewirtschaft mbH)	The impact of innovation on industrial energy efficiency and how to promote it through supporting policies Silvia Sanz (Durham Business School)	Interaction Effects between different Types of Energy Generating Capacities – A Firm Level Study Nora Schindler (Vienna University of Economics and Business)	Potential contribution of residential demand response to a fossil-free electricity system reserve Jonas Katz (Technical University of Denmark)

15:25 Coffee & Tea

16:00 - 17:20	Pricing, Incentives and Demand Response Room: Fac. Assembly Hall Chair: Fabian Hinz	Electric Vehicles and Demand Response Room: A03 Chair: David Gunkel	Renewable Integration Room: B37 Chair: Christoph Brunner	Gas Room: Dresden Memorial Chair: Philipp Hauser
16:00	Analysis of Incentive-based Demand Response Mechanism Dr. Robert Basmadjian (University of Passau)	Demand response technologies as optimal storage options in 2030 Benedikt Eberl (Forschungsgesellschaft für Energiewirtschaft mbH)	Innovative market integration of renewable electricity Sebastian Bothor (TransnetBW GmbH)	Shaking Dutch Grounds Won't Shatter the European Gas Market Prof. Dr. Franziska Holz (DIW Berlin; Hertie School of Governance)
16:20	Demand Response Potential of End-users Facing Real Time Pricing Dr. Yiqun Ma (University of Groningen)	Future load shift potentials of electric vehicles in different charging infrastructure scenarios Tobias Boßmann (Fraunhofer Institute for Systems and Innovation Research ISI)	Optimal trade-offs between Energy Efficiency improvements and additional Renewable Energy supply: A review of international experiences Mattia Baldini (TU Denmark)	The Economics of Natural Gas Storage in Europe Dr. Andreas Schröder (Uniper Global Commodities SE / E.ON)
16:40	Real-time Electricity Pricing with Heterogeneous Consumers and Variable Renewable Energy Supply: Welfare and Distributional Effects Christian Gambardella (Potsdam Institute for Climate Impact Research)	Reserve provision by electric vehicles in Germany: model-based analyses for 2035 Wolf-Peter Schill (DIW Berlin)	Electricity storage and flexibility requirements on the road to decarbonization in European electricity Clemens Gerbaulet (TU Berlin)	Options for diversifying the European Union's natural gas market Simon Schulte (University of Cologne)
17:00	Investment Incentives for flexible Demand Options under different Market Designs Mirjam Ambrosius (University of Erlangen-Nürnberg)	Uncertainties in Optimized Scheduling of Electric Vehicle Charging Zongfei Wang (Karlsruhe Institute of Technology; Helmholtz Research School on Energy Scenarios)	Is a multiplicative RES surcharge a good instrument to leverage DSM? Lyuba Ilieva (Frontier Economics Ltd.)	Strategic Behavior in Global LNG Markets: Outlook for the Asia-Pacific Region Philipp Feister (TU Dresden)

19:00 Conference Dinner (Chiaveri im Sächsischen Landtag, Bernhard-von-Lindenau-Platz 1, 01067 Dresden)