

Agenda

Workshop on Status, Barriers and Incentives to Demand Response in EU Member States

23 October 2015

Hotel Sofitel, place Jourdan 1, Brussels

Introduction

The Joint Research Centre of the European Commission organises a technical workshop on the state of play of demand response and related national network regulations and tariffs in Member States. The workshop is related to the implementation of the Energy Efficiency Directive Article 15(1) 4th paragraph including analysis of the extent to which national network regulation and network tariffs fulfil criteria in EED Annex XI, taking into account guidelines and codes developed pursuant to Regulation (EC) No 714/2009, (4) and (8) and to assess how Member States ensure that national energy regulatory authorities encourage demand side resources and demand response.

Special focus will be given on the identification of incentives which may be detrimental to energy efficiency and demand response market development. These could be in the form of tariff which send price signals that encourage increases/decreases in energy consumption or tariffs which are based on fixed rather than volumetric charges thereby undermining customer energy efficiency. The workshop shall provide a platform to exchange experiences among Member States, and will address topics such as addressing technical and regulatory barriers, dynamic pricing for demand response, experiences of customers' responses to price signals, role of building automation.

9.00-10.45

Session 1: Demand Response (DR), some open questions

Chair: Paolo Bertoldi, DG JRC

- Introduction by DG ENER, **Massimo Maraziti**, EC DG ENER (5 min.)
- Business models for demand response, **Christophe Cesson**, ACER (20 min.)
- Essential rules for aggregators and demand response participants in electricity markets, **Frauke Thies**, SEDC (20 min.)

- Challenges and barriers to demand response deployment and evaluation, **Sheila Nolan**, *College Dublin (20 min.)*
- Financial incentives and consumers' willingness to participate in demand response programmes, **Peter Bradley**, *University of West England (20 min.)*
- Demand response in liberalized electricity markets: Analysis of aggregated load participation in balancing mechanism, **Elta Koliou**, *TU Delft, Netherlands (20 min.)*

10.45-11.00 Coffee Break

11.00-13.00

Session 2: Tariffs and consumers' engagement

Chair: **Jessica Stromback**, *SEDC*

- Dynamic electricity tariffs, **Jacopo Torriti**, *University of Reading, UK (20 min.)*
- The role of automation and direct load control, **Michael J. Fell**, *UCL - Energy Institute, UK (20 min.)*
- Consumers' engagement in demand response projects, **Pierre Bivas**, *Voltalis, France (20 min.)*
- The results of the EcoGrid EU Project, **Ove S. Grande**, *Sintef, Norway (20 min.)*
- Consumer Views: **Judith Ward**, *Sustainability First*, and **Heidi Ranscombe**, *Consumer Focus (20 min.)*
- Consumer Views: **Peter Claes**, *IFIEC (20 min.)*

13.00 – 14.00 Lunch

14.00 – 15.30

Sessions 3: Demand Response in practice

Chair: **Niels Ladefoged**, *DG ENER*

Presentations by utilities, TSOs and aggregators

- Eurelectric, **Hélène Robaye** (15 min.)
- ENTSO-E, **Colas Chabanne** (15 min.)
- Elia, **Hans Vandenbroucke** (15 min.)
- EnergyPool, **Anne-Sophie Chamoy** (15 min.)
- ENERNOC, **Paul Troughton** (15 min.)
- KiwiPower, **Yoav Zingher** (15 min.)
- CEDEC Synegrid, **Bruno Gouverneur** (15 min.)

15.30 – 15.45 *Coffee Break*

15.45-16.45

Session 4: Demand Response good practices in MSs

Chair: Paolo Bertoldi, DG JRC

Short presentations (15 minutes by Member States representatives)

- **Marielle Liikanen**, Swedish Energy Market Inspectorate, Sweden (15 min.)
- **Samuel Balch**, Department of Energy & Climate Change (DECC), UK (15 min.)
- **Veli-Pekka Saajo**, Energy Authority, Finland (15 min.)
- **Romain Benquey**, Commission de régulation de l'énergie, France (15 min.)

16.45-17.30

Session 5: General Discussion Conclusions and Next Steps

Chair: Niels Ladefoged, DG ENER

- Demand response in the Market Design Initiative, **Manuel Sánchez Jiménez**, DG ENER (15 min.)
- Discussion (20 min.)
- Consultations, Policy plans, tenders, projects, DG ENER ((5 min.)
- Wrap up of the workshop, DG ENER - DG JRC (5 min.)