

**CEER**

**Council of European  
Energy Regulators**



## **Regulatory and Market Aspects of Demand-Side Flexibility**

**Chair: Geert Moelker, CEER  
Brussels, 18 November 2013**

Fostering energy markets,  
empowering **consumers**.

## CEER DSF work and context

- Introduction to CEER (purpose, priorities and work programmes)
- CEER Consultation on Regulatory and Market Aspects of Demand-Side Flexibility (2014):
  - ▶ Developed based on internal survey of NRAs, research and stakeholder engagement
  - ▶ Intended to update previous CEER work in this area, and form a basis for forthcoming Deliverables, including:
- CEER Report on Demand Response and energy efficiency services (2014)
- CEER Green Paper on demand side impact on the grid and role of DSOs (2014)
- Implementation of the Energy Efficiency Directive (EED) a key influence on this work, as the EED places DSF requirements on NRAs
- Also relates to recent publications/policy initiatives
  - ▶ Commission Autumn Package (DSF and DR communication)
  - ▶ THINK reports
  - ▶ ACER Bridge 2025



# Agenda

- Welcome and introduction (13.00-13.15)
  - ▶ Geert Moelker, Co-Chair, CEER Electricity Working Group (EWG)
- Presentations: DSF in context (13.15-14.15)
  - ▶ Jan Panek, DG ENER
  - ▶ Xian He, Florence School of Regulation
  - ▶ Jessica Strömbäck, Smart Energy Demand Coalition
- Coffee break (14.15-14.30)
- CEER consultation: an overview (14.30-14.45)
  - ▶ James Luger and Michaela Kollau, CEER Sustainable Development Task Force
- Table discussions and panel reactions (14.45-15.45)
- Closing remarks and next steps (15.45-16.00)
  - ▶ Geert Moelker, CEER EWG
- Close (16.00)





# Market and Regulatory Arrangements for Demand-Side Flexibility

James Luger and Michaela Kollau  
CEER Sustainable Development  
Task Force



## Value of DSF

- **DSF has benefits and presents opportunities across the energy system (balancing, capacity, generation and networks)**
  - ▶ Cost reduction
  - ▶ Enhanced generation adequacy
  - ▶ Ability to accommodate intermittent renewable generation
- **However, appropriate market and regulatory arrangements must be in place before this potential can be realised, such as:**
  - ▶ Establishing clear roles for the parties involved (e.g. TSOs, suppliers, aggregators, manufacturers etc.);
  - ▶ Non-discriminatory market rules / access for demand-side flexibility providers to participate in energy markets;
  - ▶ Policies and procedures to ensure consumer trust, data privacy and cyber security;
  - ▶ Innovative tariffs which provide effective demand-side signals to parties; and
  - ▶ The provision of necessary tools and knowledge to consumers.



## Enabling DSF

- Current NRA status:
  - ▶ Few countries have an explicit mandate for DSF;
  - ▶ Several countries have experience of using network tariffs and regulation to deliver DSF;
  - ▶ The absence of smart metering and/or advanced technology is seen as a barrier;
  - ▶ Some market structures enable DSF more readily than others;
  - ▶ Larger consumers and aggregators play a significant role; and
  - ▶ Non-connected systems (e.g. Greek Islands) present different challenges.
- This public consultation seeks to collect a **range of evidence and views on the barriers and opportunities** affecting the emergence of demand-side flexibility (DSF) measures.



## Consultation questions

1. What do you see as the main opportunities and benefits for DSF in existing / future markets and network arrangements?
2. What do you see as the main barriers to the emergence / functioning of DSF?
3. In what way will the implementation of the Energy Efficiency Directive affect DSF arrangements?
4. Are you aware of information on the cost-benefit of DSF measures?
5. Are there any other / wider considerations which we should take into account?



Please complete the online consultation:  
[http://www.energy-regulators.eu/portal/page/portal/EER\\_HOME/EER\\_CONSULT](http://www.energy-regulators.eu/portal/page/portal/EER_HOME/EER_CONSULT)

Closes 20 December 2013





# Thanks for your attention!

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