



Demand side contribution – recent development in the IEA DSM Agreement

Task XVII Madrid meeting

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The IEA DSM Programme (1)

<http://ieadsm.org/>

- Work begun in 1993, 4th 5 years period started in September 2008
- With 19 OECD Countries (Australia, Austria, Belgium, Canada, Denmark, Finland, France, Greece, India, Italy, Japan, Korea, The Netherlands, Norway, New Zealand, Spain, Sweden, United States, United Kingdom)

Programme Vision: In order to create more reliable and more sustainable energy systems and markets, demand side measures should be the first considered and actively incorporated into energy policies and business strategies.

Programme Mission: To deliver to our stakeholders useful information and effective guidance for crafting and implementing DSM policies and measures, as well as technologies and applications that facilitate energy system operations or needed market transformations



The IEA DSM Programme (2)

The Programme's work is organized into two clusters:

- The load shape cluster, and
- The load level cluster.

The 'load shape' cluster includes Tasks that seek to impact the shape of the load curve over very short (minutes-hours-day) to longer (days-week-season) time periods.

The "load level" cluster includes Tasks that seek to shift the load curve to lower demand levels or shift loads from one energy system to another.

A total of 21 Tasks have been initiated since the beginning of the DSM Program

Some completed tasks in load shape cluster related to demand flexibility

- Task 8: Demand-Side Bidding in a Competitive Electricity Market – Completed, Linda Hull, EA Technology Ltd, United Kingdom
- Task 11: Time of Use Pricing and Energy Use for Demand Management Delivery- Completed, Richard Formby, EA Technology Ltd, United Kingdom
- Task 13: Demand Response Resources – Completed, Ross Malme, RETX, United States
- Task 15: Network-Driven DSM, David Crossley, Energy Futures Australia Pty. Ltd, Australia, almost completed

Ongoing tasks in load shape cluster related to demand flexibility

- Task 17: Integration of Demand Side Management, Distributed Generation, Renewable Energy Sources and Energy Storages, Seppo Kärkkäinen, Elektraflex, Finland, first phase completed
- Task 19: Micro Demand Response and Energy Saving, Linda Hull, EA Technology Ltd, United Kingdom, started in January 2009