

International Energy Agency

Demand Side Management and energy efficiency

Technology Collaboration Programme

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What is IEA DSM TCP?

- An International Energy Agency (IEA)
 Technology Collaboration Programme (TCP)
 on Demand Side Management (DSM) and energy efficiency
- 15 member countries + 3 sponsors



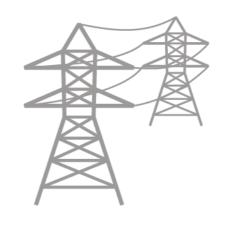
+ USA, India, South Korea, New-Zealand



IEA DSM Introduction

Mission of the International Energy Agency





Sustainable



Energy

Affordable

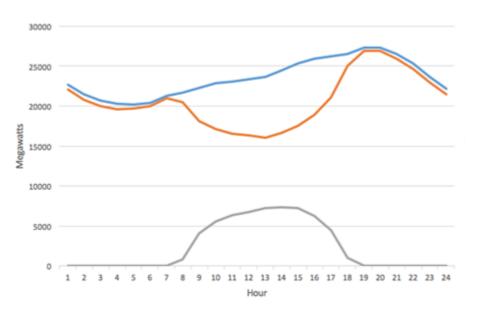


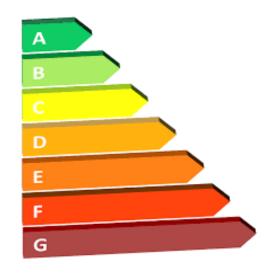


Activity domain of IEA DSM TCP (1)

Demand Side Management (DSM) in the broad sense

Load management





Strategic conservation



Energy efficiency





IEA DSM Introduction

Activity domain of IEA DSM TCP (2)

This includes integration with:

demand side energy storage







& distributed generation



Activity domain of IEA DSM TCP (3)

Not only a physical side:

energy sources & technology





... but also an important human side:



the user!

But linking social siences with IEA work is our biggest challenge



Mission and outreach of IEA DSM TCP

We want to have **policy relevance**

→ We provide **material** that is readily applicable for crafting and implementing policies and measures

We want to contribute to technology progress and adoption

→ We provide **knowledge** about technologies and applications

We want to contribute to organisational and behavioural changes



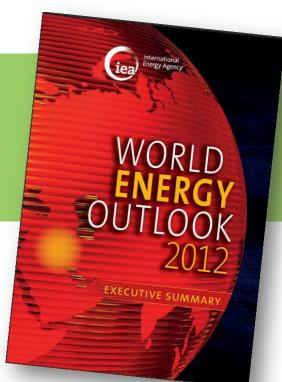
Resulting products (short list)

- Publications of results (analyses, overviews, conclusions)
- Articles for professional journals (including peer-reviewed academic literature)
- Workshops (and presentations at workshops and conferences)
- Training seminars and courses

And also

- A growing pool of individuals and organisations that develop expertise in DSM
- Expert platforms
- Discussion forums with potential users, customers, decision-makers, etc.
- Social media presence





IEA DSM Introduction

All them details...



Log In + Join



ieadsm.

About Us Our Research Participation Naws & Events DSM University Affiliates

Affiliates

Welcome to IEA Demand Side Management Energy Efficiency

IEA Demand Side Management Energy Efficiency is an international collaboration of 16 countries and sponsors working together to develop and promote opportunities for demand-side management IDSML DSM offers solutions to prohibe solutions and promote opportunities for demand-side management IDSML DSM offers solutions to prohibe solutions and promote opportunities for demand-side management IDSML DSM offers solutions to prohibe solutions. IEA Demano Side Management Energy Efficiency is an international collaboration of 16 countries and sponsors working togeth to develop and promote opportunities for demand-side management (DSW). DSM offers so utions to problems such as load management and promote opportunities for demand-side management and instance of the problems are problems. The work of the programme is organised through a series of Tasks and reported in a number of publications. It is managed by an Executive Committee (Exco). Vicit the Name page for the latest information on our activities. management, energy efficiency, strategic conservation and related activities.

Executive Committee (EXCo). Visit the News Dage for the latest information on our activities.

■ Latest News

Issue 39 Spotlight Newsletter -December 2015

Behaviour Change &

Behaviour Change & Energy News - published 16 December 201 Issue 58 Spotlight Newsletter

September 2015

September 2013

- Task 24 - Helping the Behaviour Changers - 79 September 2013 Issue 5) Spotlight Newsletter June

-Task 15 - Network Driven OSM: Impacts of 20 june 2015 Demand-Side [...]

Issue SE Spotlight Newsletter March 2015 - lask 25: beware: Energy Efficiency Services in 19 une 2013 the Molang i-1

Research Spotlight



Task 75 – Business Models for a more effective uptake of DSM energy services

This lask will focus on identifying and creating effective business models providing viable DSM value propositions that lead to the growth of the demand market for specific and the addition, this fact will focus on identifying and creating effective business models providing viable DSM value propositions that lead to the growth of the demand market for specific and the demand market for specific an that lead to the growth of the demand market for energy efficiency. In addition, this task will focus on identifying and supporting the creation of energy ecosystems in which these business models can succeed.



New website! www.ieadsm.org

And more details

Newsletter to members

DSM Spotlight Oieadsm

The Newsletter of the International Energy Agency Demand-Side Management Programme



Energy Efficiency Reducing Energy Bills

Energy efficiency improvements since 1990 in IEA member countries saved over USD 550 billion in energy expenditure by 2014 - larger than the European Union's annual fuel import bill. In the Energy Efficiency Market Report 2015, the IEA states that over the last 25 years energy efficiency improvements have saved USD 5.7 trillion in energy expenditures in the IEA's 29 member countries. "Energy efficiency is a virtual supply of energy, meeting energy services for business and consumers while reducing their energy costs", notes the IEA.

Energy efficiency is not only reducing energy bills for consumers, it is helping governments improve energy security by reducing imports and lowering exposure to

the international energy market. The Energy Efficiency Market Report shows that in 2014, the energy efficiency investments since 1990 have enabled the IEA member countries to avoid USD 80 billion in fossil fuel imports. Germany avoided USD 30 billion in energy imports and boosted its trade surplus by 12% in 2014 while Japan reduced its trade deficit by 8%.

Per capita energy consumption in IEA countries has fallen to levels not seen since the 1980s, yet income per capita has never been higher and access to energy services is continually expanding. The IEA estimates that energy efficiency investments since 1990 have been the most important factor to explain the flattening of

continued on page 2

Member Countries

Austria | Belgium | Finland | India Italy | Netherlands | New Zealand | Norway | South Korea Spain | Sweden | Switzerland | United Kingdom | United States

Sponsors

Note from the Chairman

Which Way are We Heading?

Two articles recently caught my attention. The first was an article in the Dutch Volkskrant on October 27th with the heading "Energy Companies Have Become Less Green". This newspaper annually ranks energy companies and has concluded they used 5% more coal than the year before, as this was the cheapest option. The German company, RWE/ Essent ended in last place with a 3 out of 10 ranking.

The second article, "The Green Oil Man" was published in Politico on September 30th. This article was about Fatih Birol taking the office of Executive Director of the IEA. He wants to turn the IEA into a hub of clean energy. The article contained the

"If there is any energy company in the world which thinks that climate change policies will not affect their business strategies, they are making a grave

By the time this column is published, the Paris COP Summit will have been held, and even if there is an agreement, there will be details to be dealt with. And,



Thanks (& my details...)

