IEA/4E/SEAD NETWORK STANDBY WORKSHOP – BEYOND 1-W TOWARDS ENERGY EFFICIENCY IN THE DIGITAL AGE

16 – 17 SEPTEMBER PARIS

Vida Rozite



International Energy Agency



Who we are and why we are interested in the topic

- International Energy Agency (IEA) Energy Efficiency Unit –
- IEA Implementing Agreement for Efficient Electrical Enduse Equipment (4E) Standby Power Annex
- Super Efficient Appliance Deployment (SEAD) Initiative working group on network standby

Common objectives:

- Tracking emerging issues and monitoring trends & providing recommendations on how to develop and implement effective energy efficiency policies
- Creating opportunities for sharing policy experiences
- **Creating fora for discussion**

Network standby is an important issue of growing importance that needs policy attention



Point of entry

IEA 1-W standby power plan Trends:

- standby energy use is increasing
- uptake of electronics is increasing
- products are increasingly networked
- product development is increasingly rapid

Regular standby – progress

iea

Average standby power of TVs (CRT, LCD and plasma)



Source: IEA Implementing Agreement for Efficient Electrical End-use Equipment (4E), Mapping and Benchmarking Annex 2012.

Sales and forecasts of products that can connect to networks (million units)

iea



Global estimated savings potentials (TWh)*

iea









Need for energy efficiency from standby to systems

© OECD/IEA 2010





IEA project

- Objective: raise awareness & provide actionable policy guidance
- Reference group & expert group
- Extensive consultations
- Workshop in Stockholm May 2012
- Workshop in Toronto March 2013
- Workshop in Paris September 2013
- Publication end of 2013



Workshop objectives

- Discuss practical steps and actions forward in key areas
- Explore wider energy efficiency issues in networked products and environments
- The workshop will contribute to:
- IEA/4E publication on network standby
- 4E work on further developing a policy framework – practical guidance
- Inform SEAD work in the area of network standby
- Help inform policy makers about the issues and necessary actions forward