

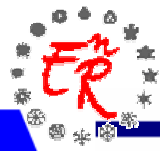
***CEA Respond for Proposal a New IEA
Implementing Agreement on Deployment of
Efficient Electrical End-Use Equipment and
Appliances***

**Josef Bubeník, Martin Fiala
Czech Energy Agency**

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Brief Outline

1. The role of the Czech Energy Agency (CEA) for Support of Energy Efficiency in the Czech Republic,
2. Current Monitoring of Efficient Electrical End-Use Equipment and Appliances in the Czech Republic,
3. Project Proposal in the framework of EEA Financial Mechanism/Norwegian Financial Mechanism – Monitoring and evaluation of the energy intensity of household appliance operation,
4. Responding for Proposal a New IEA Implementing Agreement



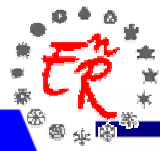
The role of the Czech Energy Agency (CEA) for Support of Energy Efficiency in the Czech Republic

- The Czech Energy Agency (CEA) is a subsidised organisation established by the Decision of the Minister of Industry and Trade of 1.9.1995. Its mission is to initiate, support and realize activities leading to energy savings and reductions of the negative environmental impacts of the consumption and transformation in all types of energy
- ⇒ One of the main tasks of CEA are preparation, realization and consistent evaluation of the
 - ✓ Operational Programme Industry and Enterprise (OPIE) – subprogram Energy savings and RES „Investment subsidies financed by ERDF and Government budget“,
 - ✓ Government Programme for the Support of Energy Savings and the Utilisation of Renewable and Secondary Sources of Energy – part A (Ministry industry and trade) and
 - ✓ Collaboration on International projects supported in the framework of IEE (Intelligent Energy Europe) and PCF (Joint Implementation projects), member of European Energy Network.

Legal framework for labelling of new electricity appliance on the market in Czech Republic

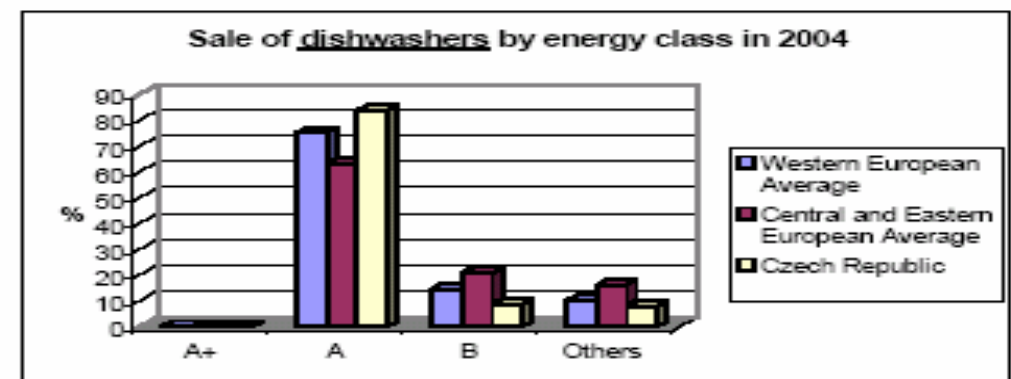
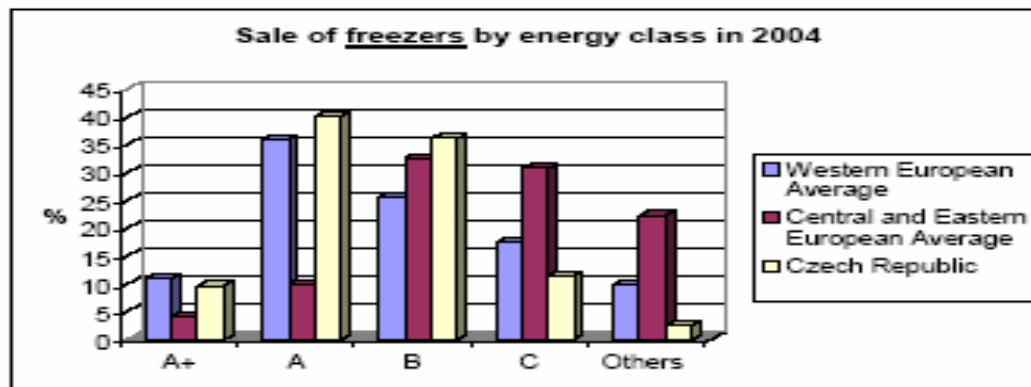
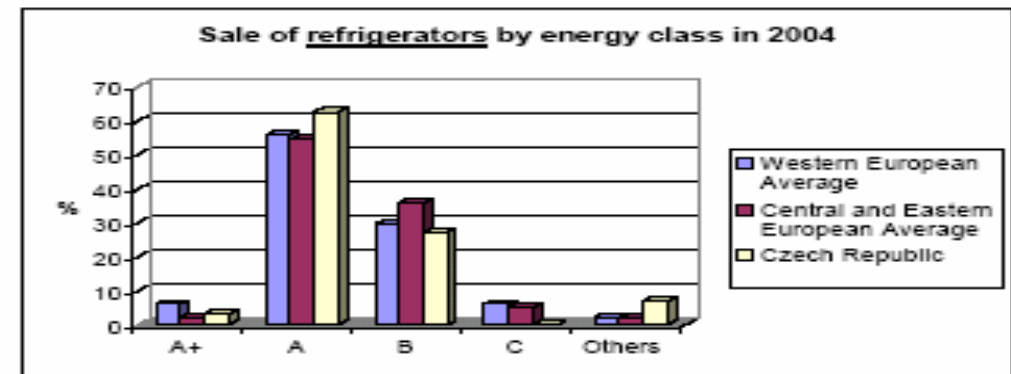
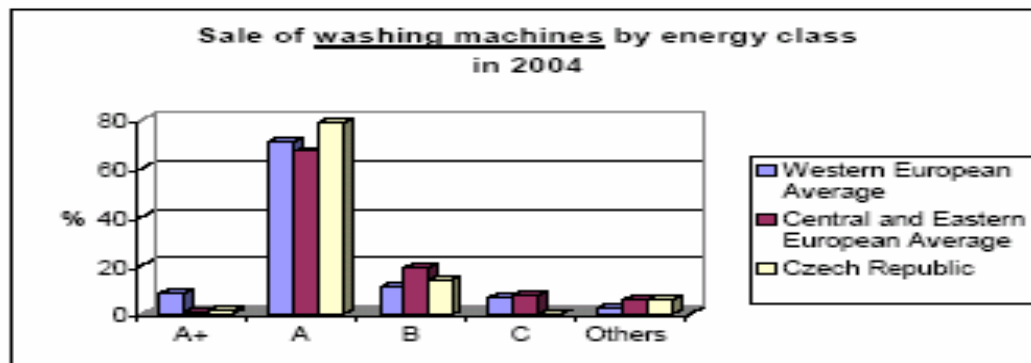
- Ministry of Industry and Trade define according to Act No.406/2000 Coll. sets specifying the details about energy labelling of new electricity appliance on the market. This regulation is according to EC legislation.
- It is obligatory above legal framework of EC to set specifying the details about energy labelling of new electrical boilers for water heating on the market.

Type of appliance	EC measure
Refrigerators, Freezers	94/2/EC (Amended 03/66/EC)
Washing machine	95/12/EC (Amended 96/89/EC)
Electric tumble driers	95/13/EC
Combined washer-driers	96/60/EC
Dishwashers	97/17/EC (Amended 99/9/EC)
Household lamps	98/11/EC
Ballasts for fluorescent lighting	00/55/EC
Air conditioner	02/31/EC
Electrical oven	02/40/EC

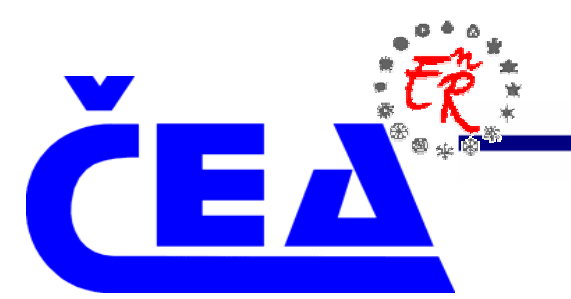


CEECAP Results – Implementing EU Appliance Policy in Central and Eastern Europe

- This project is supported in the framework of IEE. Targets of this project: National appliance labelling and efficiency legislation, comparison with the EU. CEA energy consultancy and information centre – SEVEN, The Energy Efficiency Centre Prague cooperates on this projects for Czech Republic.
- <http://www.ceecap.org/cntnt/ceecap/results>



Project Proposal in the framework of EEA Financial Mechanism/Norwegian Financial Mechanism – Monitoring and evaluation of the energy intensity of household appliance operation



- It is a **current Project Proposal** in the framework of EEA Financial Mechanism/Norwegian Financial Mechanism – Monitoring and evaluation of the energy intensity of household appliance operation. Partners: CEA (Project Leader), Czech Statistical Office and SEVEN, The Energy Efficiency Centre Prague (Co-partners).
- **Aim of this project:** Creation of the methodology of measuring, evaluating and forecasting the energy consumption of households and household appliances and an active energy efficiency policy in the household sector management.
- **Project deliverables:** to know the state and future development of household electricity appliance consumption; prepare a concrete active national appliance energy efficiency policy measures, as part of the national energy policy, including a possible climate change impacts; standardization of a creation and of evaluation of the appliance energy statistics for its future national implementation and for international comparisons.



Responding for Proposal a New IEA Implementing Agreement

- Increasing energy efficiency Electrical End-Use Equipment and Appliances is very important aim from reason to fulfill indicative target of energy savings of Directive 2006/32/EC on energy end-use efficiency and energy services.
- Current Project Proposal „Monitoring and evaluation of the energy intensity of household appliance operation“ is in harmony with proposed annex „**Benchmark research**“, whose aim is to examine the energy performance of products in the marketplace, including the average and most efficient products, and to identify the scope for future improvement.
- This “**Benchmark research**” could show the available potential for energy savings in Electrical End-Use Equipment and Appliances in household sector and to help for definition of new measures for improving energy efficiency during National Action Plan period.



Responding for Proposal a New IEA Implementing Agreement

- The Czech Energy Agency would like for this reason the most cooperate in proposed annex “**Benchmark research**”,
- With Proposed Annexes “**Standby Power**” and “**Lighting**” CEA agree too but we would like only share some information from these areas,
- We think that from further initial annexes are the most interesting “End-use profiling”, it means co-ordination of data collection of user behaviour with respect to specified technologies, particularly usage patterns. This is needed to assess the energy consumption of different technologies, and to identify common duty cycles for energy performance algorithm calculation.

*Thank you very much
for your attention!*

Contact:

Czech Energy Agency

Vinohradská 8, 120 00 Prague 2

www.ceacr.cz

bubenik@ceacr.cz; fiala@ceacr.cz

