The major development in MEPS & energy Label in China

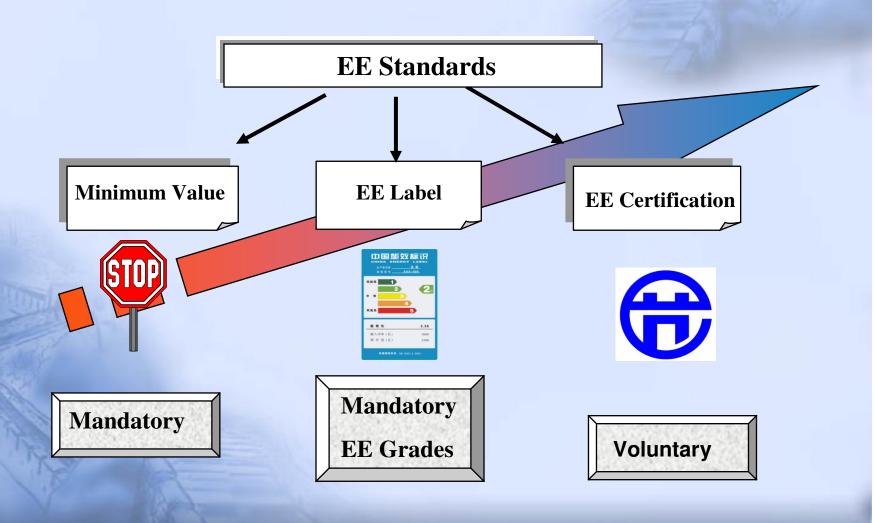
Cheng Jianhong

China National Institute of

Standardization

2009.10.7 Taibei

China's EE standards, Labels



1. MEPS

- 35MEPS promulgated, involving 5 product categories
 - · -- Household appliances, 10+1
 - -----10+1
 - · -- Lighting equipment,8
 - ---8
 - --Commercial equipment, 4+2
 - -----4+2
 - · -- Industrial equipment, 6
 - ----
 - · -- Vehicles, 2
 - ----2
 - --Office equitment,2
 - ----2



Product covered in MEPS

- MEPS for household appliances include: refrigerators, room ACs, washing machines, electric rice cookers, gas water heaters etc;
- MEPS for lighting product include: double-capped fluorescent lamps, single-ended fluorescent lamps, self-ballasted fluorescent lamps, high pressure sodium lamps, ballasts for metal halide lamps etc.
- MEPS for commercial equipment include: water chillers, unitary ACs, power supply adapters etc;
- MEPS for industrial equipment include: small and medium three-phase asynchronous motors,, pumps, transformers, compressors etc.
- MEPS for vehicles include: passenger cars
- MEPS for office equipment: monitors, copyer

MEPS under development

- Household appliances: microwave ovens, set top boxes etc;
- Office equipment: computers, print machines, etc;
- Commercial equipment, including refrigerated display cabinets, heatpump waterheater;
- Industrial equipment: boilers, electric power transformers etc;

2. Products already involved in energy conservation certification

□Products already involved in energy conservation certification involve 34 categories:
☐ Household appliances, including 11 categories such
refrigerators etc
□lighting products, including 6 categories such as ballasts for
fluorescent lamps etc
☐ Electric product, including 2 categories such as electric
metal possessing tools etc
Industrial equipment, including small and medium motors etc
Building products, including 4 categories such as building
windows etc
600000000000
Office equipment, including 5 categories such displays etc
0 000000050

3. Energy label in China

implementation

□□□□ Ref	motor
RAC	ballast
Washer	□□□□ sodium lighting
Unitary AC	Gas Water heater
Chiller China National Institute of Standardizat	ion

Will be used in 2009

New products will be added in labeling system in 2009

variable-speed RAC, multi-contacted AC, electromagnetism range, electricity heater, cooker, fan, display, copier



- Org: MOHURD
- New building

2 Policies and enforcement

- China Government Procurement (Mandatory)
- Tax reduction for high-efficiency products
- Consumer subsidy for high-efficiency products
 - appliance price reduce by 13% in countryside (TV, REF, Mobile phone, Washer, RAC, heater, motorcycle,computer,etc)
 - Subsidy for high-energy efficient product (RAC)
- Subsidy for renewable products

3 Work in next step

- Standard for more appliance, equipments
- Capacity building & market transform promoting
 - R-R testing(CNIS, IEEJ, CLASP, EF, LBNL)
 - Market checking(CNIS, EF)
 - Metering for appliance, and TOP RUNNER program (CNIS, IEEJ, EF, CLASP)
- White-paper for appliance & equipment in China

- Standards for renewable energy
- Standards in industry area
 - audit system(method to evaluate factory/cities/building)
 - economy operation standards
 - energy management standards



Thanks!

- E-mail: chengjh@cnis.gov.cn
- Tel: +86 10 58811741
- No.4, Zhichun Road, Haidian District, Beijing, 100088, China