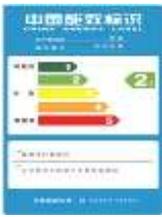


Update information on EE standard and labeling from China

---on EGEE&C 44th meeting

Ms. Zhang Shaojun
Director of energy efficiency lab in CNIS
Vice manager of China Standard Certification Co.,Ltd

Oct.20th, 2014, at Beijing



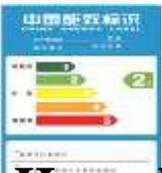
Contents



Update of EE standard



Update of EE labeling



Update of EE standard



Household appliance

refrigerator, room-type air-conditioner, washing machine, electric rice cooker, flat panel televisions, color TV, electric fan, variable speed air-conditioner, electric water heater, gas instantaneous water heater, induction cooker, microwave oven, domestic solar water heating systems range hoods, **domestic gas cooking appliances**

Transportation

Passenger car, Commercial vehicles, low-speed goods vehicles, Tri-wheel vehicles, moped, Motorcycles gasoline engine

Official & electronic product

Copy machine, displayer, flat panel television, printer and fax machine, computer

Lighting

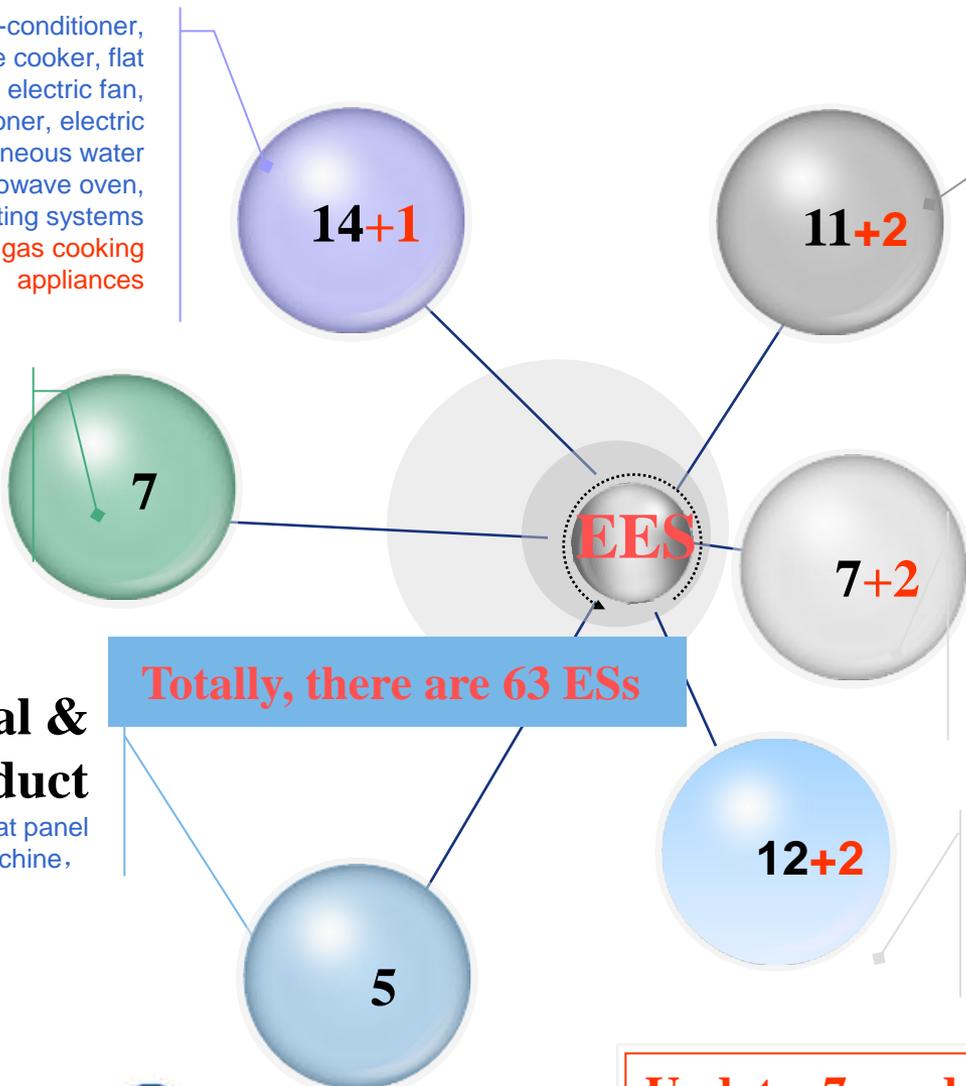
Tubular Fluorescent Lamps, Double-capped Fluorescent Lamps, Single-capped Fluorescent Lamps, Self-ballasted fluorescent lamps, High-pressure Sodium Lamps, Metal-halide Lamps, Fluorescent lamps ballast, high-frequency electronic ballast for MH lamps, High-pressure Sodium Lamps Ballast, self-ballasted electrodeless fluorescent lamps, ballasts for electrodeless fluorescent lamps, single-capped electrodeless, **non-directional self-ballasted LED-lamps, tungsten halogen lamp**

Commercial product

Unitary air-conditioner, water chiller, multi-connected air-condition unit, external electric power resource, Refrigerated display cabinets with remote condensing unit, lithium bromide absorption chillers, heat pump water heaters, **commercial gas cooking appliances, water-source(ground-source), heat pump**

Industry product

motor, air compressor, fan, propeller pump, power distribution transformer, AC contactor, industry boiler, electricity transformer, small power motor, centrifugal blower, arc welding machines, **permanent magnet synchronous motors, cage three-phase high voltage induction motor**



Update: 7 products (during 2013-2014)

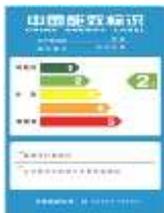


Update of EE labeling



Batch	category	Categor ies	Publish time	Implement time
1st	2	refrigerator, room air-conditioner	2004. 11. 29	2005. 3. 1
2nd	2	washing machine, Unitary air-conditioner	2006. 9. 18	2007. 3. 1
3rd	5	Self-ballasted fluorescent lamps,High-pressure Sodium Lamps ,motor, water chiller , gas instantaneous water heater,	2008. 1. 18	2008. 6. 1
4th	6	VS air-conditioner, multi-connected air-conditioner , electric water heater , induction cooker, displayer, Copy machine	2008. 10. 17	2009. 3. 1
5th	4	electric rice cooker , electric fan, AC contactor , air compressor, revise refrigerator	2009. 10. 26	2010. 3. 1
6th	2	electricity transformer , fan, revise AC	2010. 4. 12	2010. 6. 1
7th	2	TV, microwave oven	2010. 10. 15	2011. 3. 1
8th	2	printer and fax machine ,digital television adapters	2011. 8. 19	2012. 1. 1
9th	2	refrigerated display cabinets with remote condensing unit , domestic solar water heating systems	2012. 6. 21	2012. 9. 1
10th	1	computer	2012. 11. 14	2013. 2. 1
revise	3	revise washing machine、 revise self-ballsted fluorescent lamps、 revise VS-AC	2013. 8. 9	2013. 10. 1
11th	4	Heat pump water heater, range hoods, copy machines and printer and fax machines, revise induction cooker	2014. 10. 20	2015. 1. 1

Until now, totally there are **30** categories of products are in China Energy Label's listing.

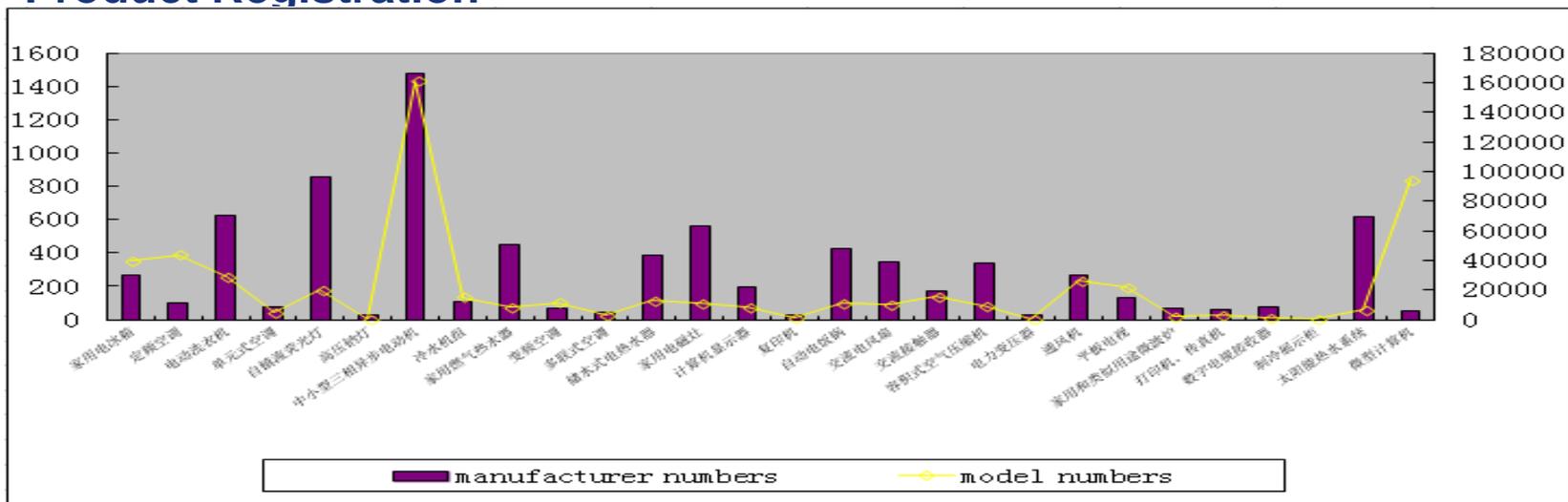


Update of EE labeling



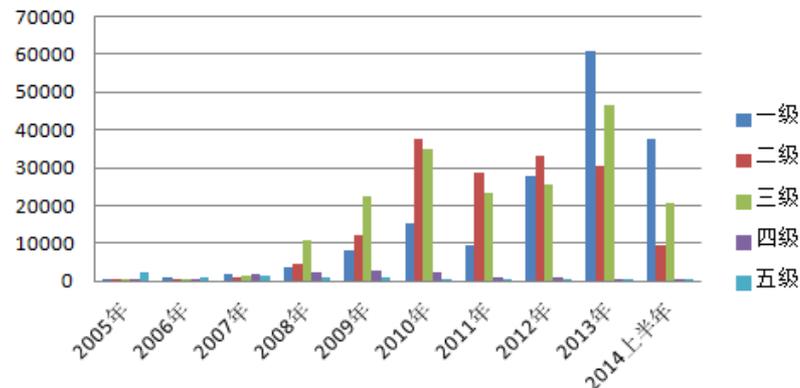
➤ Development of Energy Efficiency label

Product Registration



➤ Untile October,2014, 28 categories products,9013 manufacturers,572328 models are registered
 ➤ Implementing in 7 years, totally saving energy over 420 billions, equal to standard coal over 140millions

Effect example: efficiency level increasing of air conditioner within 10 years of EEL implementing



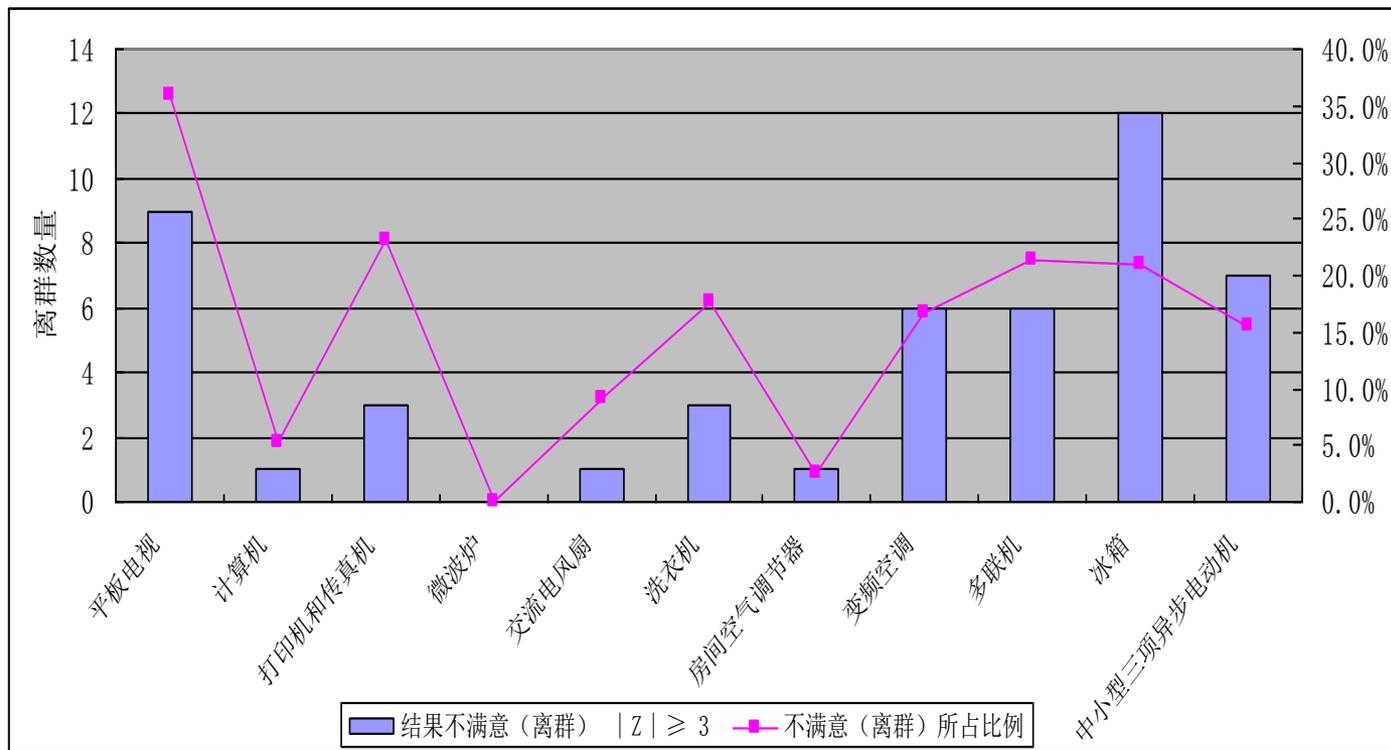


Update of EE labeling



➤ Development of Energy Efficiency label

2013 RRT result was issued on May,2014



➤ Totally there are 301 testing labs took part in the 2013 RRT program on 11 categories products.

➤ The 2014 RRT program is implementing ,there will be over 360 testing labs take part in on 12 categories products.

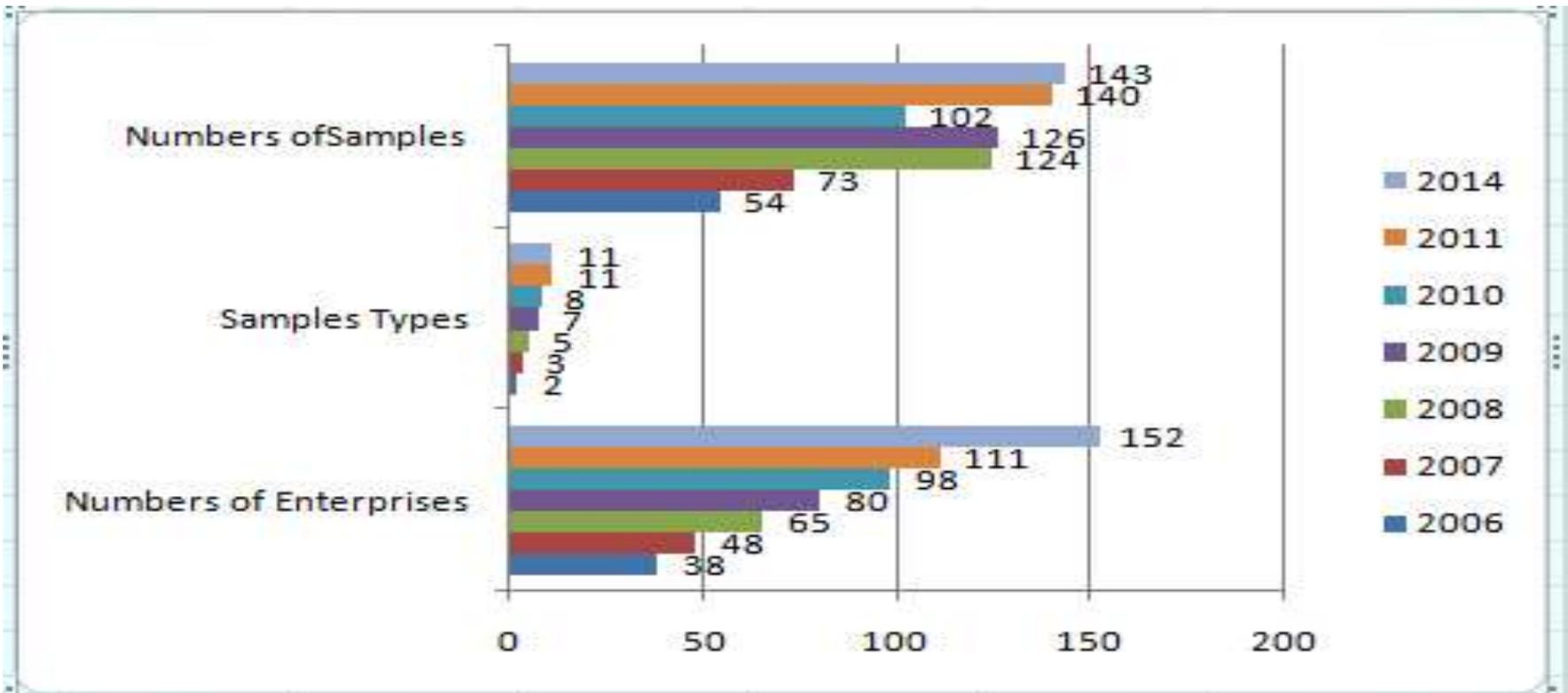


Update of EE labeling



➤ Development of Energy Efficiency label

- Coverage of Market Special Investigation on Energy Label Compliance (2006-2014)





Update of policy

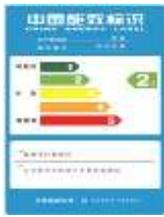


➤ Policy on transportation (started from 2010)

➤ Energy Saving Product, Benefit People

The vehicle kerb mass (CM) kg	Type1 With two rows and the following seat or vehicle equipped with manual transmission L/100km	Type2 With three or more than three rows of seats or vehicle with a manual transmission L/100km
CM≤750	5.2	5.6
750 < CM ≤ 865	5.5	5.9
865 < CM ≤ 980	5.8	6.2
980 < CM ≤ 1090	6.1	6.5
1090 < CM ≤ 1205	6.5	6.8
1205 < CM ≤ 1320	6.9	7.2
1320 < CM ≤ 1430	7.3	7.6
1430 < CM ≤ 1540	7.7	8.0
1540 < CM ≤ 1660	8.1	8.4
1660 < CM ≤ 1770	8.5	8.8
1770 < CM ≤ 1880	8.9	9.2
1880 < CM ≤ 2000	9.3	9.6
2000 < CM ≤ 2110	9.7	10.1
2110 < CM ≤ 2280	10.1	10.6
2280 < CM ≤ 2510	10.8	11.2
2510 < CM	11.5	11.9

Subsidy for 3000 yuan/units supplies to consumer from manufacturer on engines lower than 1.6 liters of the gasoline, diesel passenger cars.

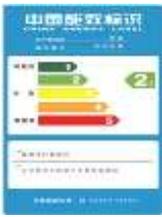


New research project on EE



- ◆ Continue conducting NDRC and SAC “One hundred energy efficiency standards projects”.
- ◆ “Top runner” policy will be published.
- ◆ Two-dimension code will be printed on energy label to help to get information from database.
- ◆ Water efficiency label will start.





Thank you for your attention!