

# 促进能效标准在中国

## Promoting Energy Efficiency Standards in China

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# 中国实施能效标准制度

## Energy Efficiency Standards System implementation in China

China has become one of the biggest country of appliance production and consuming, it's the best approach to develop product energy efficiency standards and improve the implementation of energy efficiency labeling system to reduce the cost of energy consumption. This could bring huge environment benefit, and consumers could also benefit from it.

中国已成为全球最大的家用电器生产和消费国之一。制定产品能效标准与推动使用能效标识的制度，是降低能耗成本效益的最佳途径，能带来巨大的环境效益，也为消费者提供了积极的回报。



# 自愿性节能产品认证

## Energy Saving Product Voluntary Certification

China Energy Saving Law has the regulation of energy saving product voluntary certification, this work started in Oct. 1998. Adopt the voluntary certification in principle, use “enterprise self-statement + enterprise effective date putting on records + market supervision” mode

中国节能法作了有关规定，并于1998年10月正式启动了节能产品认证工作。采用自愿性认证原则，以及“企业自我声明+企业能效数据的备案+市场监管”的产品认证模式



# 强制性能源效率标识制度

## Mandate Energy Efficiency Labeling System



- 能源效率标识制度的建立

Establishment of energy efficiency labeling system

- 已纳入能效标识制度的用能产品

Products which have been brought into energy efficiency labeling system

- 能源效率标识制度的监督与实施

Supervision and implementation of energy efficiency labeling system

- 能源效率标识制度的强制性

Mandate of energy efficiency labeling system



# 节能产品认证与能效标识制度相配合

Combination of energy saving product certification and  
energy efficiency labeling system

Energy efficiency standards will guide to produce and sell more high efficiency products, encourage consumers to buy high efficiency products, push the market to tend to high efficiency products, combine energy saving certification and energy efficiency labeling system together, improve energy efficiency standards system

以能效标准引导生产和销售更多的高能效产品，同时鼓励消费购买高能效产品，拉动市场向高能效产品方向发展，节能产品认证与能效标识制度相配合，促进能效标准体系进一步完善



# 上海积极推进能效标准实施

## Shanghai Active Improve Energy Efficiency Standards Implementation

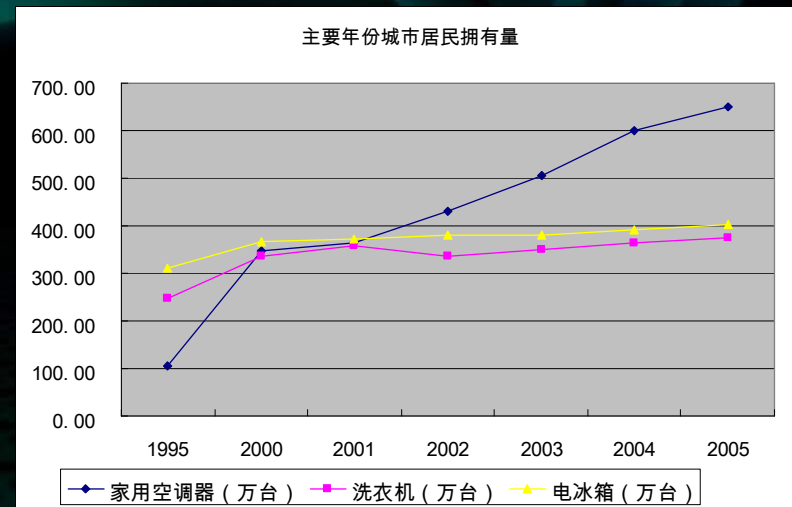
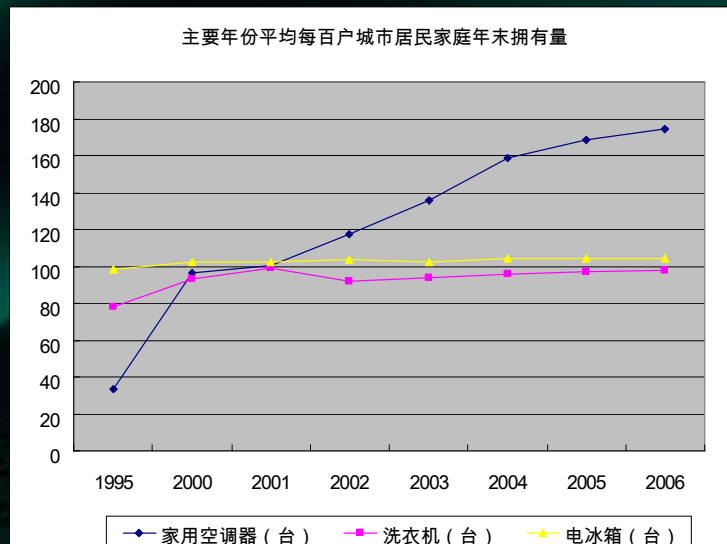
- 扩大能效标准宣贯力度和社会认知度  
Strength energy efficiency standards publicizing and improve public awareness
- 发挥行业协会行业内部自律的作用  
Exert the autonomic function of guild
- 公共财政资金项目及政府采购中首先落实  
First implementation in public financed projects and government purchasing
- 加强能源效率标识的市场监管  
Strength the market supervision of energy efficiency labeling



# 提前实施2009年限定值的积极意义

## The Meaning of Implementing the Limit Value of AC Efficiency

### Standards in 2009 Ahead of Schedule



上海空调负荷已占全市电力最高负荷的40%以上  
其中家用空调比例相当高，且每年快速增长

Power load of AC accounts for more than 40% of total power load in Shanghai, the proportion of household AC is very high and it will increase fast in the future



# 提前实施2009年限定值的积极意义

The Meaning of Implementing the Limit Value of AC Efficiency

Standards in 2009 Ahead of Schedule

If Shanghai implement the limit value of household AC efficiency standards in 2009 ahead of schedule, it could reduce about 150MW power peak load yearly, could save 150 million kWh power consumption yearly (AC operating time is 1000 hours per year), residents could save about 100 million Yuan RMB per year.

如果上海提前实施家用空调2009年限定值，每年可减少用电高峰负荷15万千瓦。按每年运行1000小时计算，可节约1.5亿度电，居民每年可减少电费大约近亿元





# 强制性提前实施的努力实践

Effort and practice in mandate implementation ahead of schedule m

Shanghai has done some research and put the effort in this field: appealed in 2007, intended to implement the limit value of national household AC efficiency standards in 2009 ahead of schedule locally, failed. But this work has the big impression on National Energy Saving Law legislation, the new modified published National Energy Saving Law has the clear regulation in this field

上海曾经研究并呼吁：于2007年，地方性强制提前实施国家家用空调2009年限定值标准，但没有成功。然而，对国家节能立法产生了比较大的影响，新修订出台的节能法对此作了明确规定



# 激励方式推进提前实施的途径

## Approach of Implementation Ahead of Schedule by Incentive Mode

We are now doing the research work of the possibility of improving the implementation ahead of schedule through the incentive mode (subsidy by the government, etc). If this suggestion is practical and could be accepted by the government, this could also push the implementing the limit value of national household AC efficiency standards in 2009

目前正在研究探讨以政府补贴等激励方式推进提前实施的可能性，如果研究建议操作性强，又为政府采纳，那么还能有效推进实施国家家用空调2009年限定值规定



# 几点启示 Revelation

- 制定激励政策是推进能效标准制度的重要手段  
Incentive policy development is the important measure to improve energy efficiency labeling system
- 加强信息传播是实施能效标准制度的重要保障  
Strength publicizing is the important guarantee to implement energy efficiency labeling system
- 建立有效监督体系是确保制度实施的关键环节  
Establish effective supervision system is the key tache to ensure the implementation of the system



谢谢！  
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