

千家企业节能行动实施进展及 下一步工作

Implementation Progress of Top-1000 Enterprises Energy Conservation Action Plan and Next Steps

国家发展和改革委员会 Energy Research Institute
能源研究所 of NDRC
戴彦德 **DAI Yande**

Energy Research Institute 国家发展和改革委员会能源研究所

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千家企业节能行动目标 Target of Top-1000 Action

• **背景**

- 工业能耗占全国能源消费总量的70%左右。
- 千家高耗能企业（年能耗18万吨标煤及以上）能耗占全国能耗33%，占工业能耗47%。



• **Background**

- Energy consumed by industries accounts for approximately 70% of the total in our country
- Energy consumed by Top-1000 enterprises (annual energy consumption of 180,000 tons standard coal and above) account for approximately 33% of our total, or 47% of total consumption of industries

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千家企业节能行动目标 Target of Top-1000 Action

- 2006年4月启动 • Initiated in April 2006
- 目的:大幅度提高千家企业的能源利用效率,使主要产品单位能耗达到国内同行业先进水平,部分企业达到国际先进水平或行业领先水平,并带动行业的节能行动
- 节能量:5年节能1亿吨标准煤左右。

- Mission: improving the energy efficiency of the 1000 enterprises, making the energy consumption per unit of main products reach the advanced level in their respective industries, some of them to reach the advanced level in the world.
- Energy Saving Target: 100 million tons coal equivalent in 5 years.


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千家企业节能行动实施进展 Top-1000 Action Progress

--- 全面部署千家企业节能行动 --- Comprehensive Deployment

- 提出指导思想和主要目标
- 明确了工作要求和保障措施
- 公布了千家企业名单
- 召开千家企业节能工作会议
- 分别进行了能源统计等方面的培训

- Set out guiding principles and major goals
- Specified the work requirements and safeguard measures
- Published a list of Top-1000 enterprises by name
- Top-1000 action work meetings hold in five regions
- Series of energy statistic trainings



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千家企业节能行动实施进展 Top-1000 Action Progress

--- 实行节能目标评价考核制度 --- Examination and Evaluation system on energy conservation targets.

- 按国务院要求,国家发改委把“十一五”万元GDP能耗降低指标分解到各省(区、市);
- 国家发改委与30个省(区、市)、新疆生产建设兵团和14家中央企业签定了千家企业节能目标责任书;
- 各省(区、市)政府分别与本地所属千家企业签订了节能目标责任书。

- As required by the State Council, NDRC has decomposed the reduction targets of energy consumption and allocated them to each province
- NDRC has signed responsibility documents on Top-1000 enterprises' energy conservation targets with the 30 provincial level governments and 14 central enterprises
- Local governments have respectively signed responsibility documents on energy conservation targets with Top-1000 enterprises in their own areas

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<p>千家企业节能行动实施进展 ---强化千家企业节能管理</p> <ul style="list-style-type: none"> • 政府部门加大企业节能管理的跟踪、检查和指导; • 加强对千家企业用能的监督检查和抽查; • 加强了能源管理制度建设; • 建立专门的能源管理机构,配备了相关能源管理人员。 	<p>Top-1000 Action Progress ---<i>Reinforcement of administration of the 1000 enterprises.</i></p> <ul style="list-style-type: none"> • Governments in different level have enhanced their works on tracing, examining, and directing the 1000 enterprises in their respective areas • Governments strengthen the examination and spot checking energy use of 1000 enterprises • Strengthen the energy administrative system buildings • To establish special energy management institutions and energy managers
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<p>千家企业节能行动实施进展 ---开展企业能源审计和编制节能规划</p> <ul style="list-style-type: none"> • 从2006年第四季度开始,在千家企业中开展了能源审计及编制节能规划工作; • 2007年上半年,千家企业基本完成了能源审计和编制节能规划的工作;各省级节能主管部门组织专家对能源审计报告集中进行审核。 • 截至8月31日止,已收到30个省、市、自治区提交的能源审计报告967份。 	<p>Top-1000 Action Progress ---<i>Energy Auditing & Energy Conservation Plan</i></p> <ul style="list-style-type: none"> • Energy auditing and formulation of energy conservation plan have been developed with the 1000 enterprises since the fourth quarter of 2006. • In the first half of 2007, the 1000 enterprises basically have completed their works. Each respective department of provincial level has organized experts to examine the reports. • Up to August 31, 967 copies of energy audit reports and 836 copies of energy conservation plans have been received from the 30 provincial level government.
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<p>千家企业节能行动实施进展 ---开展企业能源审计和编制节能规划</p> <ul style="list-style-type: none"> • 通过开展能源审计达到了如下目的: <ul style="list-style-type: none"> • 一是摸清了家底。 • 二是培养和锻炼了队伍 • 三是发挥了示范带头作用。 	<p>Top-1000 Action Progress ---<i>Energy Auditing & Energy Conservation Plan</i></p> <p>The results of the energy audit:</p> <ul style="list-style-type: none"> • The first is to develop a clear idea about the fundamental conditions of the enterprises. • The second is to cultivate and train teams. • The third is to serve as a leading role.
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<p>千家企业节能行动实施进展</p> <ul style="list-style-type: none"> • 积极推进千家企业的节能技术改造 • 国家和各地政府加大了对千家企业节能技术改造项目的支持力度,促进了企业生产工艺的优化和产品结构的升级。 • 千家企业节能行动带动重点耗能企业节能管理 	<p>Top-1000 Action Progress ---<i>Active promotion of the technology reformation of the 1000 enterprises on energy conservation.</i></p> <ul style="list-style-type: none"> • Active promotion of the technology reformation of the 1000 enterprises on energy conservation • Central and local governments have increased support of technology reformation projects of the 1000 enterprises, which actively promote technology reformation • Promoting the administration of key energy consuming enterprises on energy conservation
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<p>千家企业节能行动实施进展 ---千家企业节能行动已经取得的成效</p> <p>与2005年相比,2006年千家企业主要产品单位能耗指标均有不同程度的下降,其中:</p> <ul style="list-style-type: none"> • 水泥、平板玻璃、原油加工等单位产品能耗指标接近国际先进水平; • 火电、电解铝、合成氨、电石、烧碱、纯碱等产品单位综合能耗指标好于国内平均水平。 	<p>Top-1000 Action Progress ---<i>Achievement of Top-1000 action</i></p> <p>Compared with that of 2005, the levels of energy consumption per unit of the main products of the 1000 enterprises all went down to by a different extent:</p> <ul style="list-style-type: none"> • The levels of energy consumption per unit of cement, plane glass, and crude oil have neared the advanced levels in the world • The levels of energy consumption per unit of thermal power, electrolytic aluminum, synthesis ammonia, calcium carbide, caustic soda, and calcined soda have been better than domestic average levels
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<p>千家企业节能行动实施进展 ---千家企业节能行动已经取得的成效</p> <ul style="list-style-type: none"> • 国家统计局数据:2006年千家企业节能量共约2000万吨标准煤。 • 其中,钢铁、化工、电力、石油石化四个行业的节能量占总节能量的92%。 	<p>Top-1000 Action Progress ---<i>Achievement of Top-1000 action</i></p> <ul style="list-style-type: none"> • Report from NBSC: Top-1000 program saved about 20 million tons of coal equivalent in 2006. • 92% of the savings came from steel, chemistry, power and oil & petrochemical sectors.
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<p>千家企业节能行动存在的问题 Problems in Top-1000 Action</p> <ul style="list-style-type: none"> 部分企业认识还不够到位。 一些企业仍在使用应淘汰的落后工艺和设备。 能源计量、统计等基础工作滞后。 激励政策和监督机制不完善。 	<ul style="list-style-type: none"> Insufficient recognition exists with some enterprises. Enterprises are still using backward technologies and equipments that deserve to be eliminated. Energy accounting and measurement lag behind Incentive policies and supervision mechanisms are imperfect.
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<p>千家企业节能行动下一步的工作取向</p> <ul style="list-style-type: none"> 一是进一步提高开展千家企业节能行动重要意义的认识。 二是强化企业主体责任 <ul style="list-style-type: none"> 《节能目标责任评价考核实施方案》，把节能目标完成情况作为考核省级人民政府领导班子政绩和重点耗能企业负责人业绩的重要依据。 	<p>Top-1000 Action next step work plan</p> <ul style="list-style-type: none"> I. Increase awareness for the significance of carrying out Top-1000 action. II. Strengthening the accountability of the enterprises. <ul style="list-style-type: none"> Plan for Implementing Examination and Evaluation of Energy Conservation Target Responsibility sets the implementing status of energy conservation targets as the important basis for evaluating the administrative achievements either of the leading staff of each government at provincial level, or of the head of each key energy consuming enterprise.
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<p>千家企业节能行动下一步的工作取向</p> <ul style="list-style-type: none"> 三是采取综合措施坚决遏制高耗能、高排放行业过快增长 <ul style="list-style-type: none"> 对重点地区和重点行业实行更加严格的市场准入条件 调整《外商投资产业指导目录》，严格控制高耗能、高排放、低水平行业项目进入 落实限制高耗能、高排放产品出口的各项政策 陆续公布淘汰落后产能的企业名单 	<p>Top-1000 Action next step work plan</p> <ul style="list-style-type: none"> III. Slow consumption and pollution discharge from heavy energy consuming industries by comprehensive measures. <ul style="list-style-type: none"> Stricter conditions for entering markets for energy conservation and environmental protection. Adjust the Catalogue for the Guidance of Foreign Investment Industries to prevent high energy consuming, heavy pollution discharge and/or low level enterprises from entering China. Implement policies for restricting export of heavy energy consuming and/or heavy pollution discharge products. Publish the list of enterprises with obsolete production capacity that ought to be eliminated.
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<p>千家企业节能行动下一步的工作取向</p> <ul style="list-style-type: none"> 四是开展重点耗能企业能效水平对标活动 <ul style="list-style-type: none"> 国家发改委已经印发了《重点耗能企业能效水平对标活动实施方案》 启动了重点企业与国际国内同行业能效先进水平对标活动。 	<p>Top-1000 Action next step work plan</p> <ul style="list-style-type: none"> IV. Carrying out energy efficiency benchmarking for key enterprises. <ul style="list-style-type: none"> Implementation plan of energy efficiency benchmarking for key enterprise has been published by NDRC Key enterprises have began the benchmark for energy efficiency levels with both domestic and international best practice
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<p>千家企业节能行动下一步的工作取向</p> <ul style="list-style-type: none"> 五是加大企业节能技术改造力度 <ul style="list-style-type: none"> 财政部、国家发改委提供财政支持实施十大节能工程。 中央财政新增70亿元，用于支持重点节能工程。 	<p>Top-1000 Action next step work plan</p> <ul style="list-style-type: none"> V. Enhancing the technology reformation of the enterprises' energy conservation. <ul style="list-style-type: none"> MOF, NDRC will provide financial support to 10 key large energy conservation projects. 7 Billion RMB Yuan has been allocated this year.
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<p>千家企业节能行动下一步的工作取向</p> <ul style="list-style-type: none"> 六是强化节能管理 <ul style="list-style-type: none"> 企业内设立或明确专门的节能管理机构/人员，健全制度，实行节能目标责任制； 建立和完善企业节能数据的网上直报系统。 逐步实行重点用能单位的能源管理师制度。 	<p>Top-1000 Action next step work plan</p> <ul style="list-style-type: none"> VI. Strengthening the administration of energy conservation <ul style="list-style-type: none"> Each of Top-1000 enterprises should establish or specify its special administrative institution, identify special person, and improve energy conservation target accountability system. Establish and improve a direct online data report system based on nationwide network. An energy manager system for key energy consuming enterprises will gradually be put into practice.
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谢谢 !

Thank you for your attention!

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