

China

1. Legal framework for improvement of energy efficiency and conservation

(1) Law

- A. Energy Conservation Law of the People's Republic of China (Enforcement in January 1998)
*Amended Law (Enforcement in April 2008)
- B. Policy Outlines for Energy Conservation Technologies of China (Promulgation in May 1996)
- C. Regulation on Energy Conservation Production Certification (Promulgation and Enforcement in February 1999)
- D. Designated Enterprises for Energy Management Control Order (Promulgation and Enforcement in March 1999)
- E. Civil Construction Energy Saving Management Stipulation (Enforcement in October 2000)
- F. Electricity Saving Management Procedures (Promulgation and Enforcement in November 2001)
- G. Regulation on Energy-Efficiency Labeling Administration (Enforcement in March 2005)

(2) Regulatory Measures

1) Regulatory Measures based on the law

- A. Law of the People's Republic of China on the Prevention and Control of Atmospheric Pollution (Enactment in September 2000)

2) Other regulatory measures

- A. Top-1000 Enterprise Energy Efficiency Action Plan

(3) National plan for promoting energy efficiency and conservation

- A. China Medium- and Long-term for Energy Conservation Plan (Release in November 2004)
- B. The 11th Five-Year Plan (2006-2010)

2. Financial measures taken by the government

(1) Tax scheme

(2) Low-interest loan

(3) Subsidies and budgetary measures

3. Energy prices

Energy prices are basically controlled by government and usually subsidized.

4. Others (those efforts that are made by various foreign countries, international organizations, local governments, private sectors, etc., and that have effects to promote energy conservation in one's own country)

- A. GEF Project (1990 ~)
- B. Japan's energy conservation support
 - NEDO's model projects for efficient use of energy (1993 ~)
 - Training programs in Japan on energy efficiency and conservation (2006 ~)

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(1) Law

A. Energy Conservation Law of the People's Republic of China (Enforcement in January 1998)

***Amended Law (Enforcement in April 2008)**

1. Name of measure

Energy Conservation Law of the People's Republic of China (Enforcement in January 1998)

*Amended Law (Enforcement in April 2008)

2. Purpose of measure

To encourage obligations and responsibilities concerning the rational use of energy and to promote improvement of energy conservation technology.

As part of strengthening of energy conservation policy, the Energy Conservation Law was amended. Key points of the amendment are below:

- a) Clarification of Energy Conservation Regulations of the Government
- b) Establishment of Energy Conservation Audit Facilities in Local Governments
- c) Introduction of Labelling Scheme
- d) Dissemination and Promotion of ESCO etc.

3. Target sector (transport, building, manufacturing, etc.)

Industry, Construction, Transport, Public Institutions, Energy Intensive Companies

4. Funds and budget for the measure

5. Method for measuring the effect of the measure (energy consumption reduction, energy cost reduction, etc.)

6. Results of measures

(Expected Results)

- Improvement of energy use efficiency
- Remarkable economic and social benefits from energy conservation
- Enactment of effective regulations in each region
- Considerable improvement of environmental issues related to energy

7. Future tasks

Laws and regulations concerning energy conservation in association with the amendment and promotion of energy conservation through the market mechanism are further required.

8. Others

9. For further details about measures, please contact:

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B. Policy Outlines for Energy Conservation Technologies of China (Promulgation in May 1996)

1. Name of measure

Policy Outlines for Energy Conservation Technologies of China
(Promulgation in May 1996)

2. Purpose of measure

- a) To reduce energy consumption by further saving
- b) To change Chinese economy to be resource-saving and intensively managed
- c) To provide a basis for establishing annual plan or medium to long-term plan of each sector
- d) To give instruction about basic investment for energy conservation, technical improvement, and scientific research to each industry and region

3. Target sector (transport, building, manufacturing, etc.)

4. Funds and budget for the measure

5. Method for measuring the effect of the measure (energy consumption reduction, energy cost reduction, etc.)

6. Results of measures

7. Future tasks

8. Others

9. For further details about measures, please contact:

Naitonal Development and Reform Commission (NDRC)
Ministry of Science and technology

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C. Regulation on Energy Conservation Production Certification (Promulgation and Enforcement in February 1999)

1. Name of measure

Regulation on Energy Conservation Production Certification
(Promulgation and Enforcement in February 1999)

2. Purpose of measure

Regulation related to voluntary certification of energy saving products.

To develop effectively energy conservation, environment protection, and certification of energy saving products, to ensure fair competition in the market, and to promote international trading of energy saving products.

Certification will be issued to certified products and the logo can be indicated on the product body or its package.

3. Target sector (transport, building, manufacturing, etc.)

Manufacturer etc

Total : 34 items (as of May 2006)

Household appliance, Household refrigerator - 11 items

Lighting equipment, Energy-saving fluorescent - 6 items

Electric Products, Metallic parts - 2 items

Industrial machine, Electric facility, Small and medium sized motor - 6 items

Building products, Windows of buildings - 4 items

Office appliance, Display device - 5 items

4. Funds and budget for the measure

5. Method for measuring the effect of the measure (energy consumption reduction, energy cost reduction, etc.)

6. Results of measures

7. Future tasks

8. Others

9. For further details about measures, please contact:

China Standard Certification Center (CSC)

China

1. Legal framework for improvement of energy efficiency and conservation (1) Law

D. Designated Enterprises for Energy Management Control Order (Promulgation and Enforcement in March 1999)

1. Name of measure

Designated Enterprises for Energy Management Control Order
(Promulgation and Enforcement in March 1999)

2. Purpose of measure

To designate energy intensive enterprises and to strengthen control on them.

3. Target sector (transport, building, manufacturing, etc.)

4. Funds and budget for the measure

5. Method for measuring the effect of the measure (energy consumption reduction, energy cost reduction, etc.)

6. Results of measures

7. Future tasks

8. Others

9. For further details about measures, please contact:

Naitonal Development and Reform Commission (NDRC)

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1. Legal framework for improvement of energy efficiency and conservation (1) Law

E. Civil Construction Energy Saving Management Stipulation (Enforcement in October 2000)

1. Name of measure

Civil Construction Energy Saving Management Stipulation
(Enforcement in October 2000)

2. Purpose of measure

3. Target sector (transport, building, manufacturing, etc.)

4. Funds and budget for the measure

5. Method for measuring the effect of the measure (energy consumption reduction, energy cost reduction, etc.)

6. Results of measures

7. Future tasks

8. Others

9. For further details about measures, please contact:

Naitonal Development and Reform Commission (NDRC)

China

1. Legal framework for improvement of energy efficiency and conservation (1) Law

F. Electricity Saving Management Procedures (Promulgation and Enforcement in November 2001)

1. Name of measure

Electricity Saving Management Procedures
(Promulgation and Enforcement in November 2001)

2. Purpose of measure

3. Target sector (transport, building, manufacturing, etc.)

4. Funds and budget for the measure

5. Method for measuring the effect of the measure (energy consumption reduction, energy cost reduction, etc.)

6. Results of measures

7. Future tasks

8. Others

9. For further details about measures, please contact:

Naitonal Development and Reform Commission (NDRC)

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1. Legal framework for improvement of energy efficiency and conservation (1) Law

G. Regulation on Energy-Efficiency Labeling Administration (Enforcement in March 2005)

1. Name of measure

Regulation on Energy-Efficiency Labeling Administration
(Enforcement in March 2005)

2. Purpose of measure

To disseminate energy-saving household appliance for enhancing energy conservation management, promoting energy conservation technology, and improving energy efficiency.

3. Target sector (transport, building, manufacturing, etc.)

Manufacturer, Importer

4. Funds and budget for the measure

5. Method for measuring the effect of the measure (energy consumption reduction, energy cost reduction, etc.)

6. Results of measures

7. Future tasks

8. Others

9. For further details about measures, please contact:

Naitonal Development and Reform Commission (NDRC)
AQSIQ
China Energy Label Center (CELC)

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(2) Regulatory Measures

1) Regulatory Measures based on the law

A. Law of the People's Republic of China on the Prevention and Control of Atmospheric Pollution (Enactment in September 2000)

1. Name of measure

Law of the People's Republic of China on the Prevention and Control of Atmospheric Pollution
(Enactment in September 2000)

2. Purpose of measure

As measures for solving atmospheric pollution issues:

- a) Development and utilization of clean energy resources
- b) Clean coal technology
- c) Energy conservation technology
- d) Desulfurization technology
- e) Charge on exhaust of SO₂

3. Target sector (transport, building, manufacturing, etc.)

All sectors and individuals

4. Funds and budget for the measure

5. Method for measuring the effect of the measure (energy consumption reduction, energy cost reduction, etc.)

6. Result of the measure

7. Future tasks

8. Others

9. For further details about measures, please contact:

China

1. Legal framework for improvement of energy efficiency and conservation

(2) Regulatory Measures

2) Other regulatory measures

A. Top-1000 Enterprise Energy Efficiency Action Plan

1. Name of measure

Top-1000 Enterprise Energy Efficiency Action Plan
(Started in 2006)

2. Purpose of measure

- a) Person in charge of energy conservation
- b) Continuous monitoring of energy conservation
- c) Submission of periodic reports
- d) Obligatory submission of energy conservation plan
- e) Encouragement of introduction of energy conservation technology and facility upgrade
- f) Provision of incentive

By 2010, the programme aims to save 0.1 billion tce of final energy consumption of all the enterprises.

NDRC and National Bureau of Statistics of China will jointly release through mass media the annual progress of energy conservation of each enterprise.

3. Target sector (transport, building, manufacturing, etc.)

Iron and steel, Non-ferrous metal, Coal, Electricity, Petrochemical, Chemical, Construction materials, Textile, Paper
(1,008 enterprises)

4. Funds and budget for the measure

5. Method for measuring the effect of the measure (energy consumption reduction, energy cost reduction, etc.)

6. Result of the measure

7. Future tasks

Needs for narrowing down the number of energy intensive enterprises to implement the promotion of drastic energy conservation.

8. Others

9. For further details about measures, please contact:

Naitonal Development and Reform Commission (NDRC)

China

1. Legal framework for improvement of energy efficiency and conservation (3) National plan for promoting energy efficiency and conservation

A. China Medium- and Long-term for Energy Conservation Plan (Release in November 2004)

1. Name of measure

China Medium- and Long-term for Energy Conservation Plan
(Release in November 2004)

2. Purpose of measure

3. Target sector (transport, building, manufacturing, etc.)

Transport

4. Funds and budget for the measure

5. Method for measuring the effect of the measure (energy consumption reduction, energy cost reduction, etc.)

6. Results of measures

7. Future tasks

8. Others

9. For further details about measures, please contact:

Naitonal Development and Reform Commission (NDRC)

China

1. Legal framework for improvement of energy efficiency and conservation (3) National plan for promoting energy efficiency and conservation

B. The 11th Five-Year Plan (2006-2010)

1. Name of measure

The 11th Five-Year Plan (2006-2010)
(Started in 2006 and will end in 2010)

2. Purpose of measure

To reduce specific energy consumption per unit GDP by 20% from 2005 levels by the year 2010.

To bring up specific energy consumption of major products to the world level in the early 1990s by the year 2010.

To bring up specific energy consumption of large and medium sized enterprises of them to the world level in the early 21st century and to the world top level by the year 2020.

3. Target sector (transport, building, manufacturing, etc.)

4. Funds and budget for the measure

5. Method for measuring the effect of the measure (energy consumption reduction, energy cost reduction, etc.)

6. Results of measures

7. Future tasks

8. Others

9. For further details about measures, please contact: