

Korea

1. Legal framework for improvement of energy efficiency and conservation

(1) Law

- A. Rational Energy Utilization Act (Promulgation in December 1979)
- B. Energy Basic Law (Enforcement in September 2006)

(2) Regulatory Measures

1) Regulatory Measures based on the law

- A. Energy Efficiency Label and Standard Program (Mandatory) (Enforcement in 1992)

2) Other regulatory measures

- A. e-Standby Program (1999)
- B. High-efficiency Energy-using Appliance Certification Program (1996)
- C. Voluntary Agreement (VA) Program in the Industrial Sector (1998)

(3) National plan for promoting energy efficiency and conservation

- A. Second Basic National Energy Plan (2002-2011)

2. Financial measures taken by the government

(1) Tax scheme

- A. Tax deduction for investment in energy conservation

(2) Low-interest loan

(3) Subsidies and budgetary measures

3. Energy prices

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)

Korea

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

A. Rational Energy Utilization Act (Promulgation in December 1979)

1. Name of measure

Rational Energy Utilization Act
(Promulgation in December 1979)

2. Purpose of measure

Implementation of policies for energy conservation and reduction of environmental load.

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:

Korea

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

B. Energy Basic Law (Enforcement in September 2006)

1. Name of measure

Energy Basic Law (Law No.7860)
(Enforcement in September 2006)

2. Purpose of measure

To present long-term and comprehensive vision to clarify basic principles of energy basic policy.

- a) Establishment of basic principles of energy policy
- b) Formulation of national basic energy plan
- c) Establishment of national energy committee
- d) Formulation of plan for energy technology development

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

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1. Legal framework for improvement of energy efficiency and conservation

(2) Regulatory measures

1) Regulatory measures based on the law

A. Energy Efficiency Label and Standard Program (Mandatory) (Enforcement in 1992)

1. Name of measure

Energy Efficiency Label and Standard Program (Mandatory)
(Enforcement in 1992)

2. Purpose of measure

To assist consumers choose and purchase more energy efficient products.
Not to produce and sell products that does not meet the Minimum Energy Performance Standard (MEPS).

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

Refrigerators, Air-conditioners/Refrigerator-freezers, Washing machines, Incandescent bulbs, Fluorescent lamps, Ballasts for fluorescent lamps, Compact fluorescent lamps, Domestic gas boilers, Dish washers, Hot and cold water dispensers, Rice cookers, Automobiles, Kimchi refrigerators, Vacuum cleaners, and Freezers

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:

Ministry of Commerce, Industry and Energy (MOCIE)
Korea Energy Management Corporation (KEMCO)

Korea

1. Legal framework for improvement of energy efficiency and conservation

(2) Regulatory measures

2) Other regulatory measures

A. e-Standby Program (1999)

1. Name of measure

e-Standby Program
(Started in 1999)

2. Purpose of measure

Voluntary program to promote the widespread use of energy saving products that decrease standby power consumption.

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

Office Appliance, Household Appliance
(Computers; Monitors; Printers; Fax Machines; Copiers; Scanners; Multi-function Devices; Energy Saving & Controlling Devices; Televisions; Video Cassette Recorders; Home Audio Products; DVD Players; Microwave Ovens; Battery Chargers; Set-top Boxes; DC Power Supplies; Door Phones)

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

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Ministry of Commerce, Industry and Energy (MOCIE)
Korea Energy Management Corporation (KEMCO)

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1. Legal framework for improvement of energy efficiency and conservation

(2) Regulatory measures

2) Other regulatory measures

B. High-efficiency Energy-using Appliance Certification Program (1996)

1. Name of measure

High-efficiency Energy-using Appliance Certification Program
(Started in 1996)

2. Purpose of measure

Voluntary program to promote the use of energy saving products that have not been widespread in the market.

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

Induction Motors, 26mm 32W Fluorescent Lamps, Ballasts for 26mm 32W Fluorescent Lamps, Self-ballasted Lamps, Reflectors for Fluorescent Lamps, Sensor Lighting Equipments, Heat Recovery Ventilators, Windows, Water Coolers, Pumps, Uninterruptible Power Systems, Industrial Gas Boilers, Domestic Gas Boilers, Transformers, Vending Machines, T-5 Fluorescent Lamps, Electronic Ballast for Metal Halide Lamps, Electronic Ballast for Sodium Lamps, Inverters, Auto Thermostatic Valves For Heating, LED Traffic Lights, Multi-function Type Switchgear Systems, Direct-fired Absorption Chillers-heaters, Single Phase Motors, Ventilation Fans, Centrifugal Blowers, Ballasts for 16mm Fluorescent Lamps, Metal-halide Lamps, Reflectors for HID Lamps, Motor Pumps for Aeration, Ballasts for FPL 32W Compact Fluorescent Lamps, FPL 32W Compact Fluorescent Lamps, Oil Burning Water

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

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Ministry of Commerce, Industry and Energy (MOCIE)
Korea Energy Management Corporation (KEMCO)

Korea

1. Legal framework for improvement of energy efficiency and conservation

(2) Regulatory measures

2) Other regulatory measures

C. Voluntary Agreement (VA) Program in the Industrial Sector (1998)

1. Name of measure

Voluntary Agreement (VA) Program in the Industrial Sector
(Started in 1998)

2. Purpose of measure

A joint program between the Government and industry to promote energy efficiency in the industrial sector.

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

Iron and Steel, Chemical, Textile, Paper, Ceramics and Food industry sectors

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:

Korea Energy Management Corporation (KEMCO)

Korea

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

A. Second Basic National Energy Plan (2002-2011)

1. Name of measure

Second Basic National Energy Plan
(Started in December 2002 will end in 2011)

2. Purpose of measure

To reconfirm the significance of enhancement of energy security and to establish efficient and stable energy supply-demand system.

- Promotion of structural reform to enhance competitiveness
- Structural switch to low energy consumption industries by enhancement of demand side management
- Expansion of alternative energy to oil
- Enhancement of Korea's role in the Asian energy market.

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:

Ministry of Commerce, Industry and Energy (MOCIE)

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2. Financial measures taken by the government

(1) Tax scheme

A. Tax deduction for investment in energy conservation

1. Name of measure

Tax deduction for investment in energy conservation

2. Purpose of measure

To enhance the competitiveness of companies through energy conservation.

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

Facilities related to rational use of energy, Facilities related to dissemination of alternative energy,
Other energy conservation facilities

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: