

# **India**

## **Financial measures taken by the government**

### **"Promotion, Development and commercialization of Energy Efficiency and conservation and renewable energy"**

#### **1. Name of measure**

Promotion, Development and commercialization of Energy Efficiency and conservation and renewable energy  
(Started in the year 1998-99)

#### **2. Purpose of measure**

Development and commercialization of renewable energy and promotion of energy efficiency and conservation.

- Project Financing
- Equipment Financing
- Loans for Manufacturing
- Market Development (including Export Promotion)
- Energy Centers
- Financial Intermediaries
- Business Development Associates
- Renewable Energy/Energy Efficiency Umbrella Financing
- Non-conventional Energy Technology Commercial Fund Scheme
- Financing of commissioned projects including take over of Loans from other Banks/FIs.
- Financing for ESCOs

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

Energy Efficiency and conservation holds huge potential in domestic commercial and agriculture sectors :

- Sugar industries
- Cement industries
- Steel/Sponge Iron industries
- Paper & Pulp industries
- Hotel industries
- Distilleries
- Heavy Chemicals
- Textile

Under energy efficiency, IREDA is considering the following type of projects :

- Projects demonstrating techno commercial viability.
- Projects undertaken through ESCO modes/end users for implementation of energy efficiency/conservation project.
- Projects involving purchase and installation of energy efficiency and/or load management devices/systems.
- Projects for production of energy efficiency equipment.
- Projects involving end-user's participation in SEB and other utility sponsored Demand Side Management (DSM) programmes.
- Refinancing of Projects commissioned.

Apart from the above, IREDA is also looking in new and upcoming technology like power generation from coal rejects,etc.

#### **4. Funds and budget for the measure**

Apart from Equity provided Govt. of India, IREDA has also received credit line of \$2m from World Bank, \$5m grant for GEF for onward funding and developmental activities.

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

Energy Efficiency & Conservation potential is measured based on the present as well as benchmark/best energy consumption of various industry segments, equipments, appliances, transmission/distribution system losses etc. at the domestic & global level.

#### **6. Results of measures**

So far IREDA has sanctioned 45 nos of Energy Efficiency and Conservation projects in the country. These projects directly and indirectly helped in saving generation of approx. 138MW.

#### **7. Future tasks**

IREDA is now looking forward to target Building Sector with continuing emphasis in Manufacturing Sector for Energy Efficiency & Conservation.

#### **8. Others**

Coverage of PSUs

#### **9. For further details about measures, please contact:**

Indian Renewable Energy Development Agency Limited (IREDA)  
(A Government of India Enterprise)  
India Habitat Centre Complex, Core-4A, East Court, 1st Floor,  
Lodi Road, New Delhi – 110 003.  
Tel: +91.11.24682214-21  
Fax: +91.11.24682202  
Email: cmd@ireda.in