

Energy Efficiency and Renewable Energy Initiatives- Delhi Example

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Background

- Energy Conservation Act 2001
- Setting up of BEE in 2002
- DTL designated as SDA by Govt. NCTD
 - (in 2006 to coordinate, regulate and enforce EC Act in Delhi)
- EE & REM Centre set up on 5th July,2006
- EO appointed on 2nd April 2007

Activities during Fiscal year (2006-07)

- Notifications on CFL, Electronic Ballast, SWH, Pumpsets
- Awareness
 - Electronic Media, Exhibitions, RWA meet
- Promotional
 - CFL Scheme through DISCOMs
- MOU with TERI
- Standard specifications for Streetlights
- Training for SSI units

Mission

- To inculcate **energy conscientious attitude** among citizens for eliminating the wasteful use of energy
- To promote **energy efficient designs, technologies, best practices and management techniques for monitoring and control of energy consumption**
- To promote **environmental friendly renewable technologies** and
- To facilitate **reduction in energy demand** in all spheres of human activity in Delhi by suitably overcoming some of the barriers

Annual Plan (2007-08)

- **Pilot Projects**
 - TOD metering
 - Energy Audits in Buildings
- **Promotional Schemes**
 - (Awards, Akshay Urja Shops, training etc.)
- **Capacity Building**
 - (EE&REM Centre)
- **Awareness Programmes**
 - (RWA, SSI, Commercial Sector)

Contd.

- **Five year Plan with BEE support** to promote information exchange, standardization and labeling and Energy conservation building code
- **State Nodal Agency for MNRE** for promoting use of renewable energy systems

Achievements

- **Assistance to PGC**
 - Initial testing and signing a MOU with CPRI for meter testing and operating subsidy scheme for GNCTD
- **Annual Plan 2007-08**
 - Prepared a booklet containing Action Taken and Annual Plan and guide for Energy Saving
- **Pilot study**
 - Study was entrusted to TERI. The study has been completed and study report received and submitted to DERC

contd

- **Buildings**

- “Energy Monitor” Scheme
- **Data bank on “Building Load Details”**
- Guide book for EE in large buildings
- **Draft Scheme for Financial assistance for Energy Audits**
- Awareness about Notification on SWH for large buildings through Advts.

contd

- **Buildings**

- Seminar on SWH and Lighting for Hotels, Hospital, Hostels etc.
- State Level Annual Awards for consumers installing SWH & CFLs
- List of Certified Energy Managers/auditors
- Energy Efficient Model Home

contd

- **Domestic**
 - Incentive Scheme of Rs.6000/- for Solar Water Heater for consumers
- **Non Commercial**
 - Incentive Scheme up to Rs.60,000/- for Solar Water Heater for Hostels, Religious, CGHS etc
- **Promotion of ISI and BEE labeled appliances**
- **School programs**
 - Energy Efficiency and Akshay Urja Awareness program among school children
 - EE & RE School Club Scheme

contd

- **Awareness programme (General)**
 - Brochures
 - **Participation in Exhibitions**
(FICCI, URJA HAAT, IITF, ICORE, PowerAsia, ISLE)
 - **Demonstration models**
(CFL, T5, Electronic ballast, BEE labels for AC & Refrigerators, cooler pumps)

contd

- **Awareness programme (General)**
 - Advertisement in Newspapers and articles in Magazines
 - Digital display boards at 3 locations
 - Presentations in Bhagidari for RWAs, RWA meets
 - **Website** ([www.delhitransco.gov.in/Energy Efficiency](http://www.delhitransco.gov.in/Energy%20Efficiency))

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- **Capacity Building of EE & REM Centre**

- Preparation of Plan for Shifting of office to Defence Colony Office
- Developing Library
- Developing Demonstration Units
- Developing dissemination material and website

Services to DTL

- Promoting one + one CFL scheme
- DTL Foundation Day
 - run on EC
 - Procurement of CFLs for DTL&IPGCL employees
- Solar Cooker on roof top of Shakti Sadan
- Preparation of loan scheme with banks for DTL employees for purchase of SWH
- Awareness Week on Energy Conservation within DTL

Save Energy Use Green Energy

Thank you for attention