

Press Release

Energy Efficiency and Renewable Energy Efficiency Management (EE & REM) Centre of Delhi Transco Ltd. is the State Designated Agency for NCT of Delhi under Energy Conservation Act 2001. Recently this Centre has been designated State Nodal agency for Ministry of New and Renewable Energy (MNRE).

Sh. Rakesh Mehta, Principal Secretary (Power) and CMD, Delhi Transco Ltd. addressed a press conference at Russian Culture Centre today for participation of EE & REM Center within Perfect Health Mela by organizing a cluster of pavilions to represent '**Urja Haat**' to strengthen health of power sector by use of renewable energy and energy saving devices. Relating to the new initiative, Sh. Rakesh Mehta commented for good health you need powerful body and for growing economy you need a Healthy Power Sector. He further added that for Healthy power Sector it would mean burning less coal for generation of electricity (Less CO₂ emissions), promoting Demand Side Management (Conservation of Energy by consumers) and use of renewable energy sources like solar and wind energy.

On promoting solar water heating systems, he said that Govt. NCT Delhi has introduced a incentives / rebates scheme for providing Rs. 6000/- on installation of solar water heater for domestic purposes more than 50 applications for claim have been received by the EE & REM Centre for availing this scheme and more than 600 inquiries over phone, e-mail and letters have been received.

He was happy to announce that In the commercial sector this year already 25,000/- lpd (Litres per day) solar water heater systems have been installed in 3 hospitals namely Moolchand , ENT Hospital Sanjivani Hospital. A Solar Water Heater system of 50,000 litres per day is being installed at Batra Hospital and negotiations are going on for Apollo Hospital (4000 lpd), Jaipur Golden (10,000 lpd) , Max Hospital-Saket (10,000 lpd), Max Hospital at Pitam Pura (5000 lpd) , Sanjay Gandhi Cancer Hospital (5000 lpd), Guru Teg Bahadur Hospital (10,000 lpd). This is already close to 1,00,000 lpd target that was set. Additionally negotiations in other 5 hospitals to the tune of 50,000 lpd are underway. The Principal secretary hoped that we can achieve 2,00,000 lpd, twice the initial target. This commercial sector gets benefit of 80% depreciation and soft loans of 3 or 5 % under MNRE scheme.

He commented that consumers in non-commercial sector like Hostels, Charitable trusts, Nursing homes, Religious Institutions , where above incentives can not be availed find it difficult to install and maintain these systems. The EE& REM Centre is also exploring the solution by possibility of leasing, BOT, BOOT and ESCO companies to support Solar Water Heater installations by inviting Expression of Interest for these institutions.

The Executive Officer, EE & REM Centre of DTL added that a study by Energy Efficiency and Renewable Centre shows that Solar Water Heater installed saves substantial fossil fuel like coal and as a result reduction of CO₂ emission in addition to saving electricity. For a Solar Water Heater of 1000 lpd costing around Rs.1,60,000/- there would a saving of 20 KW of peak power and 15,300 units/yr. amounting to Rs. 84,150/- per year and additional savings of Rs 38,858/yr from about 11 MT of Coal (Rs.22,338) and about 41 MT of CO₂ (Rs.16,520 with carbon credits). If this year, 1,00,000 lpd of additional Solar Water Heating systems of are made in Delhi then this would result in saving of about 20 MW/year and 16 MU/year and additional benefit of saving 11,000 MT of Coal and reduction of 41,000 MT/year of CO₂ emissions .The savings would double if 2,00,000 lpd capacity addition is achieved.

He further added to promote these systems Govt. of NCT Delhi have approved State Awards for various categories of Buildings that would install Solar Water Heater with Maximum Capacity. The Centre would build Model Energy Efficient Homes, and set up energy conservation clubs to create awareness about akshay urja.

EE & REM Centre of Delhi Transco Ltd. is launching an enhanced campaign on energy conservation in light of Climate Change Concerns and conserving fossil fuels the Centre is setting up ' **Urja Haat** ' with participation from Discoms and suppliers of Solar Water Heaters, energy efficient lighting systems and energy efficient appliances in MTNL Health Mela being organized by Heart Care Foundation (an NGO) at Sanjay Lake Park from 27th October to 4th November 2007. The focus of this ' **Urja Haat** ' will be to popularize Govt. of NCT of Delhi's incentive scheme of Rs. 6,000/- for purchase of solar water heater by domestic consumer which costs about Rs. 18,000 to 22,000/- before the approaching winters and providing advisory services to nursing homes, hospitals, hotels, hostels, decision makers etc. where notification for mandatory use has been issued by Govt. of NCT. All leading companies would be participating. The Centre has drafted a scheme for DTL employees to receive soft loan from banks with payment through salary is on the card which will provide a model for other government offices The Centre is also exploring the possibility of leasing, build-operate- transfer (BOT), build-own-operate transfer (BOOT) and energy service companies (ESCOs) companies to support Solar Water Heater installations. Also suppliers of energy efficient lighting and appliances for domestic or commercial use would display their products.

The other activities scheduled to be taken up by EE & REM Centre as part of this enhanced campaign include: -

- Participation in various Exhibitions:-
 - * ' India International Trade Fair' (IITF) from 14th November to 27th November 2007 at Pragati Maidan on lines of Urja Haat
 - * ' Power Asia Exhibition' during Energy Conservation week from 14th to 16th December at Pragati Maidan with One day seminar.
 - * ' Light India International' (LII) from 22nd to 25th February 2008 at Pragati Maidan.
- Formation of 'Energy Conservation Clubs' in various schools in Delhi.
- Developing a 'Model Energy Efficient Home' in DTL residential colony with Energy Efficient and Renewable Energy Efficient equipments.
- Facilitating opening of Nine 'Akshya Urja Shops' in each district of Delhi.

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