

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

UNSTARRED QUESTION NO:620

ANSWERED ON:26.02.2015

DOMESTIC EFFICIENT LIGHTING PROGRAMME

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Will the Minister of POWER be pleased to state:

- (a) whether the Government has recently launched a new scheme for distribution of Light Emitting Diode (LED) lamps/bulbs under Domestic Efficient Lighting Programme for conserving power;
- (b) if so, the details and salient features thereof along with financial gain and power likely to be saved as a result of the same;
- (c) the States covered under the scheme at present and those proposed in future along with estimated expenditure involved therein;
- (d) whether pre-registration has started under the scheme and if so, the details thereof; and
- (e) the other steps taken/being taken by the Government to save/conserve power in the country?

Answer

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER, COAL AND NEW & RENEWABLE ENERGY (SHRI PYUSH GOYAL)

(a) : Yes, Madam.

(b) : Government has launched the Domestic Efficient Lighting Programme (DELP) which will be implemented in 100 cities initially. Under DELP programme, LED bulbs (numbers are decided in consultation with respective State Government/ DISCOMs) are being provided to domestic consumer. The cost of procurement of LED bulbs is incurred by Energy Efficiency Services Limited (EESL). The upfront investment made by EESL will be recovered from the electricity bill of the consumers over a period of 1-2 years.

The outcome of the programme covering 100 cities is estimated to be as under:

LED lights estimated to be replaced in 100 cities 20 Crore
Expected annual energy savings 10.5 billion KWh
Expected reduction of installed load 5,000 MW
Estimated capital investment
(excluding Operation & Maintenance) Rs.2500 Crore
Expected cost savings to consumers
every year
(Average tariff considered is Rs.5.5 Rs. 5775 Crore
/killo Watt hour [kWh]).
Estimated annual payments to EESL/ Rs. 1575 Crore
Energy Saving Companies (ESCO)
(including Operation & Maintenance)

(c) : The details of the action initiated so far are as follows:

Name of the State Estimated Expenditure
(Rs. in crores)

Andhra Pradesh	285
Delhi	120
Rajasthan	392
Maharashtra	579
Kerala	225
Uttar Pradesh	75
Tripura	10
Himachal Pradesh	81
Haryana	15
Nagaland	6
Mizoram	3
Orissa	138

Madhya Pradesh	30
Karnataka	60
Punjab	30
Goa	45
Total	2094

(d) : The pre-registration has started in Delhi through SMS and Web Portal.

(e): Ministry of Power and Bureau of Energy Efficiency (BEE), have undertaken following steps to save energy in the country:

i. Energy efficiency labeling for 19 appliances.

ii. Fuel efficiency standard prescribed for passenger cars.

iii. Energy Conservation Building Codes (ECBC) formulated for energy efficiency improvement in commercial buildings.

iv. Demonstration projects on Demand Side Management (DSM) in Municipal, Household, Agriculture and Small & Medium Enterprises (SME) sectors.

v. Specific energy consumption norms prescribed for energy intensive industries notified as designated consumers.

vi. Capacity building of State Designated Agencies and Distribution Companies for effective implementation of energy efficiency programmes.

vii. Enabling investments in energy efficiency projects through a special purpose joint venture company, EESL, on a performance linked repayment business model.