

**GOVERNMENT OF INDIA  
MINISTRY OF POWER**

**LOK SABHA  
UNSTARRED QUESTION NO.804  
TO BE ANSWERED ON 20.07.2017**

**DISTRIBUTION OF LED**

**804. SHRI S.P. MUDDAHANUME GOWDA:  
SHRI KAUSHAL KISHORE:**

**Will the Minister of POWER  
be pleased to state:**

- (a) the number of LED bulbs distributed under the National Programme for LED-based Home and Street Lighting and the cost incurred thereon, State-wise;
- (b) whether the Government has achieved its target of installing LED bulbs for domestic and street-lighting in 100 cities and if not, the reasons therefor; and
- (c) the estimated energy savings and reduction of greenhouse gases due to implementation of this programme in the last two years?

**A N S W E R**

**THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER,  
COAL, NEW & RENEWABLE ENERGY AND MINES**

**( SHRI PIYUSH GOYAL )**

(a) : The States/UTs-wise details of distribution of LED bulbs under Unnat Jyoti by Affordable LEDs for All (UJALA) and Street Lighting National Programme (SLNP), till 12<sup>th</sup> July 2017 is given at Annexure. In addition, the private sector suppliers have also sold large quantities given the lower prices and huge demand in the country.

UJALA and SLNP are voluntary in nature and based on a sustainable business model, where the cost of efficient lighting is repaid by consumers/Urban Local Bodies (ULBs) from savings in energy and maintenance expenditure over a period of time through savings in electricity bill. The entire upfront investment is made by Energy Efficiency Services Limited (EESL), a joint venture company of Public Sector Undertakings (PSUs) of Ministry of Power. EESL procures LED bulbs and LED street lights through a transparent and competitive bidding process by aggregating the demand for the same across the country. The bulk procurement of LED bulbs and LED street lights through a transparent and competitive bidding process enables EESL to distribute LED bulbs to consumers and to install LED lights in ULBs, and at lower rates compared to retail market.

(b) : Yes, Madam. As on 31<sup>st</sup> March, 2017, the domestic LED programme UJALA and SLNP are implemented in 437 cities and 544 urban local bodies respectively, which is in excess of the target of covering 100 cities.

(c) : The estimated annual energy savings and estimated reduction of greenhouse gases, on account of distribution of LED bulbs under UJALA and installation of LED street lights under SLNP by EESL, are 34.29 billion units and is 27.56 million tonnes CO<sub>2</sub> per year, respectively. In addition, there are energy savings and reduction of greenhouse gases on account of sale of large quantities of LED bulbs by the private sector suppliers.

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**ANNEXURE****ANNEXURE REFERRED TO IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 804 TO BE ANSWERED IN THE LOK SABHA ON 20.07.2017.**

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The State/UTs-wise details of distribution of LED bulbs under UJALA and installation of LED street lights under SLNP, till 12<sup>th</sup> July 2017:

Sl. No.	States/UTs	No. of LED bulbs distributed under UJALA	No. of LED street lights installed under SLNP
1	Andaman Nicobar	4,00,000	----
2	Andhra Pradesh	2,16,76,533	6,04,808
3	Assam	14,37,000	10,117
4	Bihar	1,38,32,179	2,596
5	Chandigarh	2,30,120	----
6	Chhattisgarh	81,36,274	39,670
7	Dadra & Nagar Haveli	1,35,667	----
8	Daman & Diu	1,35,924	----
9	Delhi	1,15,43,977	2,77,919
10	Goa	8,20,333	1,50,321
11	Gujarat	3,56,73,872	4,40,263
12	Haryana	1,23,91,342	549
13	Himachal Pradesh	76,24,432	48,854
14	Jammu and Kashmir	76,63,760	5,410
15	Jharkhand	1,01,30,427	10,876
16	Karnataka	1,63,67,983	139
17	Kerala	1,01,19,390	9,739
18	Lakshadweep	1,00,000	----
19	Madhya Pradesh	1,38,59,470	9,938
20	Maharashtra	2,12,92,816	35,179
21	Manipur	17,473	----
22	Meghalaya	2,39,981	----
23	Mizoram	5,09,966	----
24	Nagaland	4,09,769	----
25	Odisha	1,06,20,833	2,630
26	Puducherry	6,09,251	300
27	Punjab	1,03,383	3,882
28	Rajasthan	1,34,87,276	7,69,660
29	Sikkim	1,05,148	----
30	Tamil Nadu	4,24,651	700
31	Telangana	13,08,919	1,35,405
32	Tripura	5,71,570	49,807
33	Uttar Pradesh	1,93,04,283	80,416
34	Uttarakhand	38,26,370	500
35	West Bengal	50,27,084	997
	<b>Total</b>	<b>25,01,37,456</b>	<b>26,90,675</b>

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