

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.4978
TO BE ANSWERED ON 25.03.2021**

DISTRIBUTION OF LED BULBS

4978. DR. (PROF.) KIRIT PREMJBHAI SOLANKI:

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

- (a) **the salient features of the Unnat Jyoti by Affordable LEDs for All (UJALA) and LED Street Lighting National Programme (SLNP);**
- (b) **whether the said programmes have been implemented in all States/UTs of the country and if so, the details thereof along with the status of implementation of these programmes;**
- (c) **the number of LED bulbs that have been distributed under the said programmes during the last three years and the current year, State/UT wise; and**
- (d) **whether the Government has taken any step to encourage manufacturers and distributors of LED bulbs and if so, the details thereof?**

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER, NEW & RENEWABLE ENERGY AND THE MINISTER OF STATE FOR SKILL DEVELOPMENT & ENTREPRENEURSHIP

(SHRI R.K. SINGH)

(a) to (c) : Energy Efficiency Services Limited (EESL), a joint venture company of Public Sector Undertakings (PSUs) under the Ministry of Power, Government of India has launched the National LED Programme on 5th January 2015 which has two components (i) Unnat Jyoti by Affordable LEDs for All (UJALA) to provide LED bulbs to domestic consumers, and (ii) Street Lighting National Programme (SLNP) to replace conventional street lights with energy efficient LED street lights.

Under UJALA Programme, as on 16.03.2021, EESL distributed 36,72,01,454 LED bulbs which has led to 47.691 Billion Units (BUs) of electricity energy savings per year. The salient features of this Programme are as under:-

- To promote the use of efficient lighting technology at affordable rates.**
- To enhance consumer awareness on the financial and environmental benefits of using energy efficient bulbs.**
- Increase the demand of LED lights by aggregating requirements across the country and provide an impetus to domestic lighting industry.**

- To provide economies of scale to manufacturers through regular bulk procurement.

Under SLNP, as on 16.03.2021, EESL has replaced 1,15,35,189 conventional street lights with LED street lights. This led to an estimated energy savings of 7.75 BU per year. EESL replaces the conventional street lights with energy efficient LEDs street lights at its own costs (without any need for municipalities to invest) and the consequent reduction in energy and maintenance cost of the municipality is used to repay EESL over a period of time. The contracts that EESL enters into with municipalities are typically of 7 years duration where it not only guarantees a minimum energy saving (of-typically 50%) but also provides free replacements and maintenance of lights at no additional cost to the municipality.

The details of total LED bulbs distributed, State/UT-wise, as on 16.03.2021 are given at Annexure-I. Further, State/UT-wise LED bulbs distributed during the last three years and current year are given at Annexure-II.

The details of LED street lights installed under SLNP, State/UT-wise, are given at Annexure- III.

(d): Department for Promotion of Industry and Internal Trade (DPIIT), Ministry of Commerce and Industry, Government of India has informed that on 11.11.2020, the Union Cabinet has given approval to introduce the Production-Linked Incentive (PLI) Scheme for the 10 Key Sectors with a total outlay of Rs. 1,45,980 crore for enhancing India's Manufacturing capabilities and enhancing exports. White Goods (that includes LED Lights) sector is one of the 10 key sectors with an outlay of Rs. 6238 crore. Production-Linked Incentive (PLI) Scheme for White Goods (LED Lights) has been included to boost domestic manufacturing and attract large investments.

ANNEXURE-I**ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (c) OF UNSTARRED QUESTION NO. 4978 TO BE ANSWERED IN THE LOK SABHA ON 25.03.2021**

State/UT-wise details on implementation of UJALA Programme

Sl. No.	State/UT	Nos. of LED bulb distributed (as on 16.03.2021)
1	Andaman & Nicobar	4,00,000
2	Andhra Pradesh	2,20,39,295
3	Arunachal Pradesh	4,99,498
4	Assam	71,77,088
5	Bihar	1,95,84,663
6	Chandigarh	5,54,283
7	Chhattisgarh	1,07,96,468
8	Dadra & Nagar Haveli	1,63,808
9	Daman & Diu	1,42,623
10	Delhi	1,33,12,424
11	Goa	10,05,890
12	Gujarat	4,14,10,794
13	Haryana	1,56,03,808
14	Himachal Pradesh	85,90,695
15	Jammu & Kashmir	84,86,579
16	Jharkhand	1,36,45,874
17	Karnataka	2,40,16,337
18	Kerala	1,54,20,307
19	Lakshadweep	2,00,000
20	Ladakh	2,30,630
21	Madhya Pradesh	1,75,71,087
22	Maharashtra	2,19,71,431
23	Manipur	2,99,934
24	Meghalaya	4,33,789
25	Mizoram	6,15,293
26	Nagaland	10,99,038
27	Odisha	5,22,70,570
28	Puducherry	6,09,251
29	Punjab	30,10,852
30	Rajasthan	1,71,29,445
31	Sikkim	1,64,000
32	Tamil Nadu	43,57,459
33	Telangana	21,88,948
34	Tripura	10,54,437
35	Uttar Pradesh	2,62,52,469
36	Uttarakhand	56,63,159
37	West Bengal	92,29,228
	Total	36,72,01,454

ANNEXURE-II

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (c) OF UNSTARRED QUESTION NO. 4978 TO BE ANSWERED IN THE LOK SABHA ON 25.03.2021

State/UT-wise LED bulbs distributed during last three years and current year under UJALA Programme

Sl. No.	State/UT	2017-18	2018-19	2019-20	2020- Till Date
1	Andaman & Nicobar	-	13,100	-	-
2	Andhra Pradesh	4,19,220	1,90,702	9,400	1,04,512
3	Arunachal Pradesh	3,54,083	3,23,056	12,540	548
4	Assam	5,45,501	49,49,693	97,065	13,577
5	Bihar	53,33,779	14,13,998	2,00,885	1,51,176
6	Chandigarh	3,77,889	1,05,458	12,291	-
7	Chhattisgarh	26,81,120	9,78,099	1,32,162	2,92,978
8	Dadra Nagar Haveli	33,244	41,033	25,816	2,633
9	Daman & Diu	79,590	38,232	15,555	492
10	Delhi	15,67,129	4,48,335	2,50,461	1,500
11	Goa	122	300	-	-
12	Gujarat	69,25,412	13,06,879	3,72,804	1,86,080
13	Haryana	44,60,754	8,41,999	81,780	17,568
14	Himachal Pradesh	4,98,944	3,40,028	2,30,508	1,23,207
15	Jammu & Kashmir and Ladakh	8,41,618	2,55,342	9,191	394
16	Jharkhand	26,11,616	13,79,828	1,37,413	3,67,663
17	Karnataka	41,87,351	27,48,857	12,10,006	5,63,407
18	Kerala	50,07,910	3,24,627	1,35,423	29,103
19	Madhya Pradesh	45,86,808	13,37,493	5,01,185	54,565
20	Maharashtra	12,26,375	2,59,605	22,687	11,638
21	Manipur	1,27,008	2,87,438	25,000	-
22	Meghalaya	1,41,386	2,23,143	-	-
23	Mizoram	1,42,636	92,920	25	15
24	Nagaland	201	2,51,615	47,777	-
25	Odisha	30,79,358	3,23,31,875	70,15,357	8,24,678
26	Puducherry	-	24,696	-	-
27	Punjab	9,37,353	3,83,861	1,18,516	15,73,333
28	Rajasthan	19,19,037	14,58,025	3,33,270	73,701
29	Sikkim	50,871	40,657	-	1,000
30	Tamil Nadu	18,56,008	18,44,325	4,19,661	1,33,137
31	Telangana	8,87,697	2,76,849	7,128	12,143
32	Tripura	2,62,197	2,90,635	9,046	15,605
33	Uttar Pradesh	82,86,306	19,69,366	3,12,089	1,73,661
34	Uttarakhand	10,48,482	6,29,772	2,29,701	60,262
35	West Bengal	55,66,595	7,98,226	53,652	120
36	Lakshadweep	2,00,000	-	-	-
	Total	6,62,43,600	5,82,00,067	1,20,28,394	47,88,696

ANNEXURE-III**ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (c) OF UNSTARRED QUESTION NO. 4978 TO BE ANSWERED IN THE LOK SABHA ON 25.03.2021**

State/UT-wise details on implementation of SLNP

SLNP Installation details		
Sl. No.	State/UT	No. of LED Street Lights installed (as on 16.03.2021)
1	Andhra Pradesh	28,91,996
2	Telangana	12,55,935
3	Tamil Nadu	7,376
4	Port Blair- A&N (UT)	14,995
5	Maharashtra	9,29,092
6	Kerala	2,10,213
7	Karnataka	12,310
8	Goa	2,07,110
9	Lakshadweep (UT)	1,000
10	West Bengal	83,929
11	Jharkhand	5,16,043
12	Bihar	4,87,977
13	Rajasthan	10,53,366
14	Gujarat	8,88,808
15	Uttar Pradesh	11,85,070
16	Uttarakhand	61,097
17	Chhattisgarh	3,70,885
18	Odisha	3,39,476
19	Madhya Pradesh	1,29,939
20	Delhi (UT)	3,46,504
21	Jammu & Kashmir (UT)	1,40,676
22	Himachal Pradesh	59,772
23	Punjab	1,08,576
24	Chandigarh (UT)	45,794
25	Haryana	81,483
26	Sikkim	868
27	Tripura	76,376
28	Assam	28,073
29	Puducherry (UT)	450
Total		1,15,35,189
