

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.1528
TO BE ANSWERED ON 24.11.2016**

LED

1528. SHRI JOSE K. MANI:

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

- (a) whether the country has performed exceedingly well in terms of vastly improving access to LED lighting while reducing its costs drastically, as observed by International Energy Agency if so, the details thereof;
- (b) whether the International Energy Agency is partnering with the country to make LED programme global by trying the Indian model in Indonesia, if so the details thereof; and
- (c) whether the LED prices have fallen sharply from Rs. 310/- per piece in 2014 to less than Rs. 55/- as of March 2016 while its production capacity has been ramped up substantially, if so, the details thereof?

A N S W E R

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

(SHRI PIYUSH GOYAL)

(a) to (c): Hon'ble Prime Minister of India launched the National LED programme on 5th January, 2015, which is being implemented by Energy Efficiency Services Limited (EESL), a joint venture company of Public Sector Undertakings (PSUs) under the Ministry of Power. Two initiatives, viz., Domestic Efficient Lighting Programme (DELP) and Street Light National Programme (SLNP), have been initiated under this programme, wherein household lighting and street lights respectively are replaced with LEDs. EESL has developed an innovative business model in which the entire investment in these programmes is made by it and the investment is paid back over a time from energy savings. This obviates a need for any Government funding for this programme. There is no element of subsidy in the scheme and the aggregation of demand and bulk procurement has resulted in reduction of about 88% in procurement prices of LED bulbs from Rs.310/-(February, 2014) to Rs.38/- (August 2016) which is passed on to the consumers.

Progress of Implementation of National LED Programme as on 21.11.2016 is given below :-

Parameters	DELP	SLNP
Total number of bulbs/street lights replaced	17.89 crores	14.45 lakhs
Avoided capacity generation	4649 MW	47.69 MW
Energy saved	23.2 billion kWh/year	512959 kWh/day
Reduction in carbon foot print	18.8 million tonnes CO₂ / year	435 tonnes CO₂ /day

There is no partnership between International Energy Agency (IEA) and Government of India/EESL to make LED programme global. However, IEA is highlighting its success in various countries including Indonesia.
