

# **DELP Scheme**

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# **Domestic Efficient Lighting Programme(DELP)**

Unnat Jyoti by Affordable LEDs for All (UJALA) was launched by Prime Minister of India Narendra Modi on 1 May 2015, replacing the "Bachat Lamp Yojana". Within 1 year of its launch, 9 crore LED bulbs were sold in the country, reducing their electricity bills by Rs.55 billion (US\$820 million).

The scheme was announced as "Domestic Efficient Lighting Programme (DELP)" on 5 January 2015, urging the people to use LED bulbs in place of incandescent bulbs, tube lights and CFL bulbs as they are more efficient, long lasting and economical in their life cycle duration.

It was launched as "Unnat Jyoti by Affordable LEDs for All (UJALA)" on 1 May 2015. The scheme was announced as "Domestic Efficient Lighting Programme (DELP)" on 5 January 2015,[2] urging the people to use LED bulbs in place of incandescent bulbs, tube lights and CFL bulbs as they are more efficient, long lasting and economical in their life cycle duration. The Ministry of New and Renewable Energy stopped the subsidy on CFL-based solar lighting system to encourage the use of the LED version. The scheme was implemented by Energy Efficiency Services Limited (EESL) (under the Ministry of Power).

## Target



The government's target is to replace 77 crore incandescent bulbs in India with LEDs by 2019 leading to an expected reduction in installed load of 20,000 MW with an annual estimated savings of over 100 million kwh and an annual reduction of Rs.400 billion (US\$5.9 billion) in electricity bills.

### Performance

The programme was launched in July and reached the one-crore LED milestone on 9 August 2015. The total replacement has helped energy saving of more than 1.4 crore units per day. It has also helped to avoid peak demand of 1,326 MW and Rs.5.56 crore (US\$830,000) in cost savings per day, leading to substantial reduction in carbon emissions. Within 1 year of its launch, 9 crore LED bulbs were sold in the country, reducing their electricity bills by ₹55 billion (US\$820 million). Andhra Pradesh led by distributing 1.89 crore LEDs followed by Maharashtra (1.68 crore) and Karnataka (83 lakh). It has been adopted by over 2.3 crore people across 11 states in the country. The number of LED bulbs distributed increased to seven crores by 1 March 2016. As of 26 April 2016, a total of 10 crore LED Bulbs have been distributed under the scheme. This led to a savings of 35.6 GWh per day in energy and Rs.14.24 crore (US\$2.1 million) per day in cost and a per day reduction of 28,839 t of CO2. EESL, a joint venture of state-run power companies, is implementing the project and has achieved 75% reduction in the price of LED bulbs through a combination of aggressive and transparent procurement process and passing on this benefit to consumers.

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