



PRESS INFORMATION BUREAU
(Research Unit)
Ministry of Information and Broadcasting
Government of India



Unnat Jyoti by Affordable LEDs for All (UJALA)

Illuminating Maharashtra (State Series)

More than 2,19,86,569 LED Bulbs Distributed

28,55330 MWh Energy saved per year in the State

(Ministry of Power)

July 12, 2022

“First the Government brought down the cost of LED Bulbs by promoting production and then 37 Crore LED Bulbs were distributed under UJALA scheme. This has led to saving of forty-eight thousand million Kilo Watt Hour electricity and saving of about 20 thousand Crore rupees in the electricity bills of poor and middle-class families.”

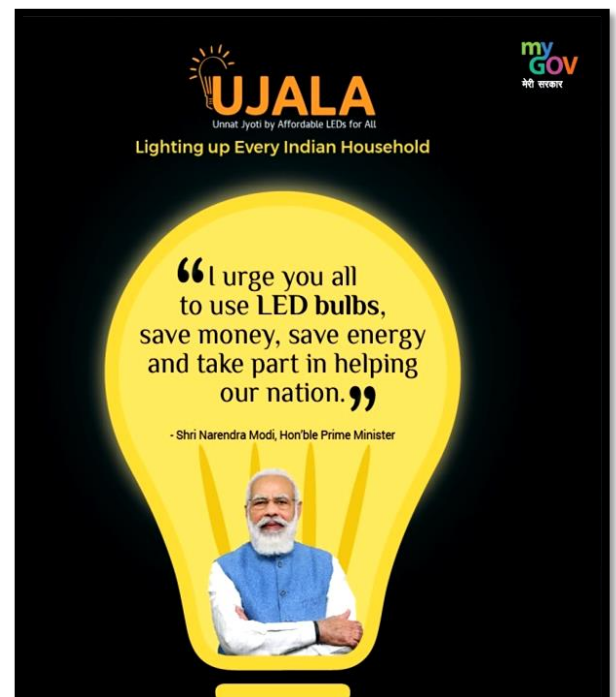
- Prime Minister Narendra Modi

Introduction:

UJALA [Unnat Jyoti by Affordable Light Emitting Diode (LED) for All] was [launched on January 05, 2015 to provide energy-efficient LED bulbs to domestic consumers at an affordable price.](#)

The programme was successful in bringing down the retail price of the [LED bulbs from Rs. 300-350 per LED bulb in the year 2014 to Rs 70-80 per bulb, in a short span of three years.](#)

The switch from inefficient incandescent bulbs to LEDs is helping families [reduce their electricity bills while also enabling them to access better brightness in homes.](#)



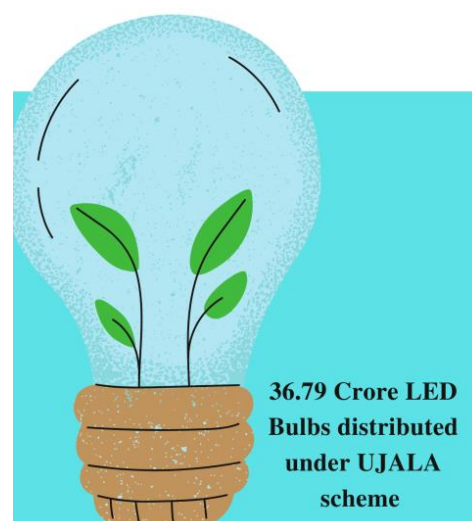
Objectives:



- Increase the demand of LED lights by aggregating requirements across the country.
- Promote the use of the most efficient lighting technology at affordable rates to domestic consumers.
- Enhance consumer awareness on the financial and environmental benefits of using energy efficient appliances.

The success of the UJALA programme has demonstrated that such initiatives can not only be executed but successfully replicated for other appliances and equipment as already demonstrated for street lighting and water pumps.¹

UJALA's tangible benefits have resulted in healthy competition among all state governments in India to devise customized energy efficiency programmes and execute them independently, emulating the scalable models demonstrated by [EESL \(Energy Efficiency Services Limited\)](https://eeslindia.org).



¹ [https://eeslindia.org/img/uajala/pdf/UJALA Case Studies 1.pdf](https://eeslindia.org/img/uajala/pdf/UJALA_Case_Studies_1.pdf)

Achievements under UJALA Scheme:

- As of June 30, 2022, the **distribution of 36.86 crore LED bulbs** resulted in **energy saving of 47,876 million kWh of electricity per annum, peak demand reduction of 9,585 MW and 38.77 million tonnes of CO₂ emission reduction annually.**²
- [UJALA succeeded in bringing down the retail price of LED bulbs from Rs 300-350 per bulb to Rs 70-80 per bulb.](#)³
- Apart from making affordable energy accessible to all, the programme also resulted in massive energy savings.
- UJALA has been readily adopted by all the states. It has helped in reducing annual household electricity bills. **Consumers have been able to save money, improve their quality of life**, and contribute to India's economic growth and prosperity.
- Under the programme, the government has ensured transparency and encouraged competition by e-procurement of goods and services. This has resulted in a significant reduction in transaction cost and time, enhancing process efficiency.
- UJALA has led to a much larger pool of bidders, enhanced quality of the product, and availability of better specifications for the consumers.

Maharashtra: Progress under UJALA

UJALA has been able to make a remarkable change by delivering tangible multiple benefits like energy savings, avoiding carbon emissions, reducing consumer bills and stimulating LED bulb manufacturing in India. Similarly, it has also changed the lives of people in Maharashtra by improving their quality of life, generating prosperity in local communities and in expanding energy access to all.

- Total LEDs distributed in Maharashtra (as of June 2022) – 2,19,86,569
- Energy saved per year – 28,55,330 MWh
- Avoided Peak Demand in the state is 572 MW
- CO₂ reduction per year – 23,12,817 Tonnes
- Total Fans Distributed (as of June, 2022) – 1,86,211
- Total Tubelights distributed (as of June, 2022)- 5,31,133

² <http://ujala.gov.in/>

³ <https://www.pib.gov.in/PressReleasePage.aspx?PRID=1787594>

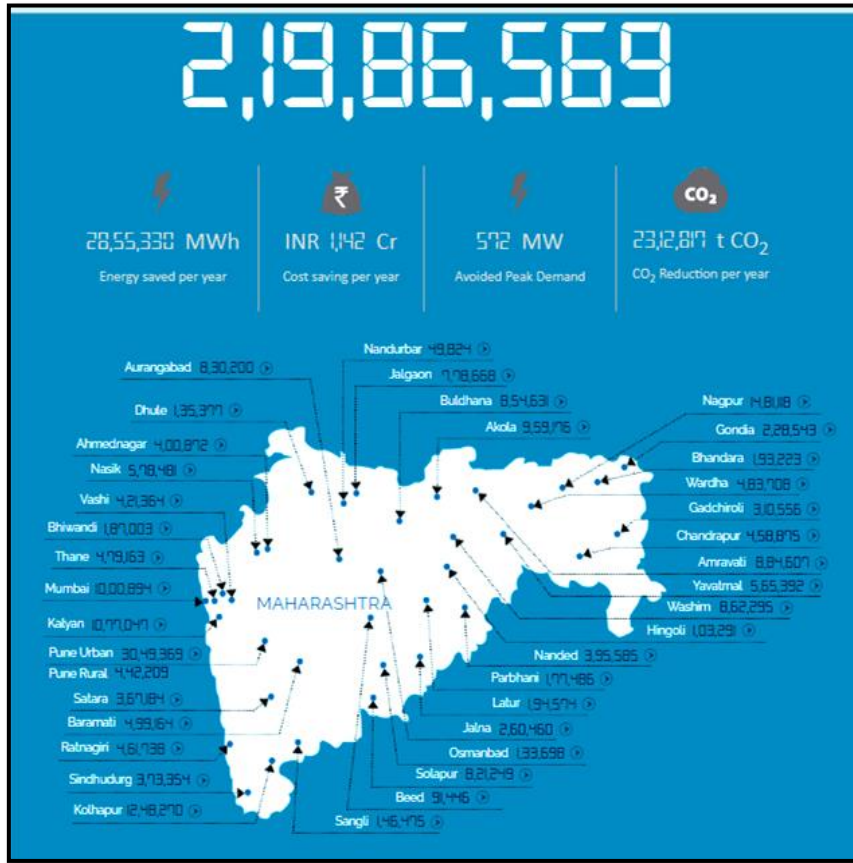


Figure 1: Total LEDs Distributed in Maharashtra

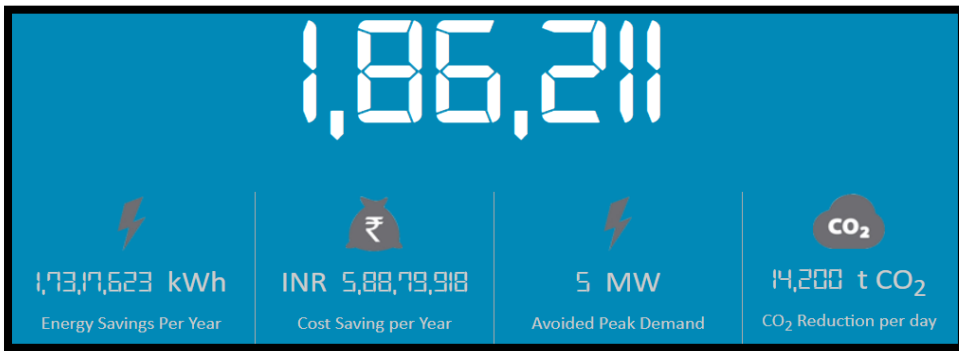
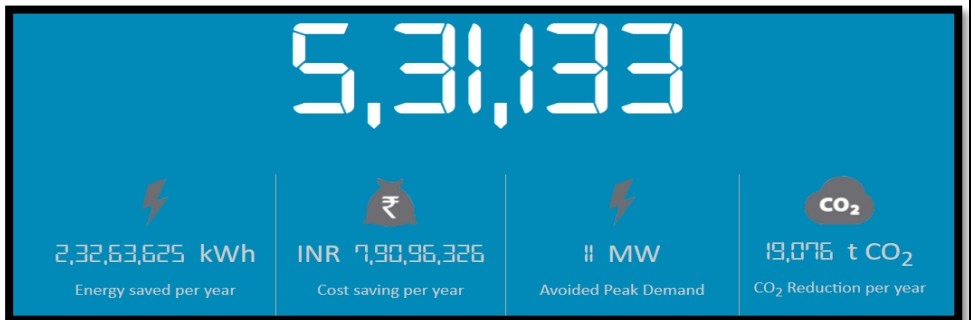


Figure 2: Total no. of Fans Distributed in Maharashtra

Figure 3: Total no. of Tubelights Distributed in Maharashtra



References:

- https://eeslindia.org/img/uajala/pdf/UJALA_Case_Studies_1.pdf
- <https://pib.gov.in/PressReleaseDetailm.aspx?PRID=1808264>
- <https://pib.gov.in/PressReleasePage.aspx?PRID=1787594>
- <https://pib.gov.in/PressReleaseIframePage.aspx?PRID=1686309>
- <http://ujala.gov.in/state-dashboard/himachal-pradesh>

Further Readings:

- [From Darkness to Light](#)
- [India's UJALA Story](#)
- [UJALA](#)

AG/HP/RC/KG/TT