

Unnat Jyoti by Affordable LEDs for All (UJALA) – State Series

Karnataka: LEDs Distributed – 2.42 Crore; Tubelights distributed – 4.12 lakh; Fans distributed – 72.19 thousand

(Ministry of Power)

March 14, 2023

“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.

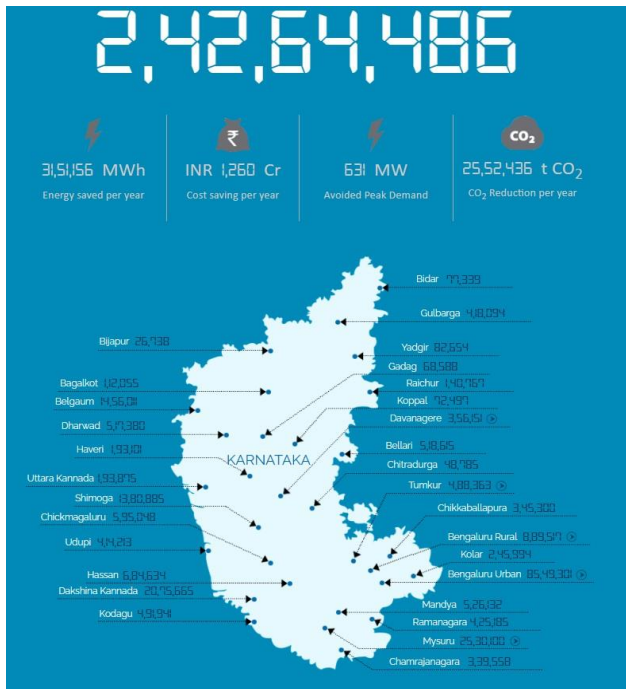
Objectives:



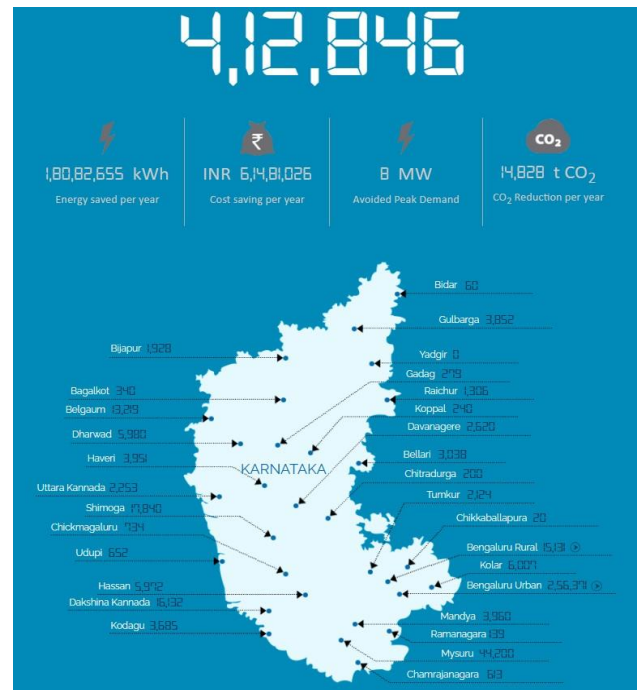
- Increase the demand of LED lights by aggregating requirements across the country.
- Promote the use of the most efficient lighting technology at affordable rates to domestic consumers.
- Enhance consumer awareness on the financial and environmental benefits of using energy efficient appliances.

UJALA Yojana: Progress in Karnataka

Total LEDs Distributed: 2.42 crore



Total Tubelights distributed: 4.12 lakh



Total Fans distributed: 72.19 thousand



As on March 15, 2023

Karnataka Energy Conservation and Energy Efficiency Policy 2022-2027

It is a [policy for the State](#), to encourage the promotion and large-scale deployment of energy efficiency measures.

This policy will provide a long-term vision for **driving energy efficiency and energy conservation** across different consumer categories in the State and also helps the State establish as a leading State for the deployment of large-scale Energy Efficient programmes.

The Policy aims to conserve around **744 million kWh of electricity consumption** and would result in **avoiding fossil fuel-based generation capacity addition of around 454 MW** in the medium term. It will also help in reducing the **CO2 emission of around 6,10,080 tonnes**.

The major objective of the policy is to **Supplement National Level Efforts** for the implementation of various energy efficiency and energy conservation programmes initiated by the Government of India (such as Energy Conservation Building Code, UJALA Yojana, Perform Achieve Trade, LED Street Light etc.)

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>
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