

Unnat Jyoti by Affordable LEDs for All (UJALA) Scheme: Brightening Up Gujarat (State Series)

Highest number of LED Fans¹ & Tubelights² distributed across the nation by Gujarat

(Ministry of Power)

June 16, 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.”

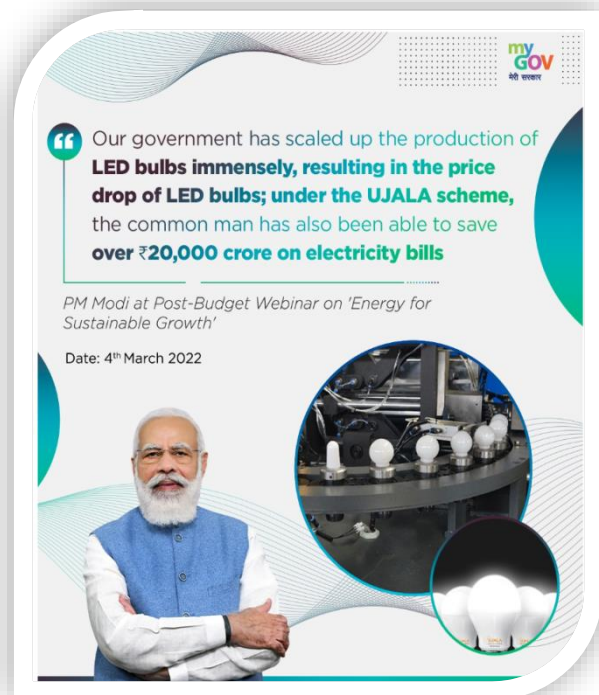
- [Prime Minister Narendra Modi](#)

Introduction

UJALA (Unnat Jyoti by Affordable Light Emitting Diode (LED) for All) scheme was launched by Prime Minister Narendra Modi 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 3 years.³

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. The money saved adds to a household’s disposable income and lifetime savings, thus improving their quality of life, generating prosperity in local communities, and expanding energy access to all.⁴



¹ [NATIONAL UJALA DASHBOARD | EESL](#)

² [NATIONAL TUBELIGHT DASHBOARD | EESL \(ujala.gov.in\)](#)

³ <https://pib.gov.in/PressReleaseDetailm.aspx?PRID=1808264>

⁴ <https://pib.gov.in/Pressreleaseshare.aspx?PRID=1598481>

Nationwide Progress Under “UJALA” Scheme (As on June 15, 2022)

36,86,52,099 LED

have been distributed under UJALA scheme

Source: <http://ujala.gov.in/>

23,59,190 Fans

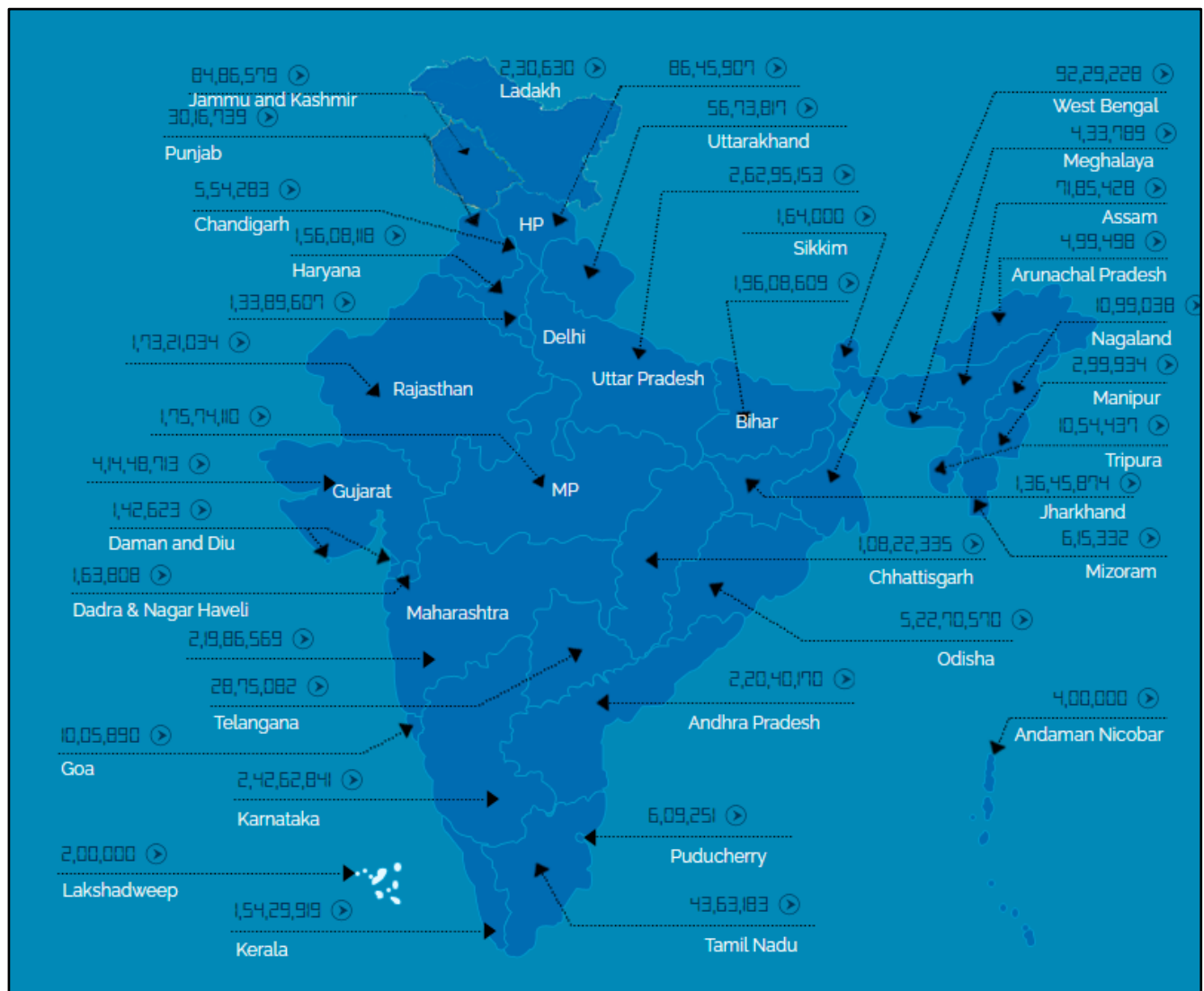
have been distributed under UJALA scheme

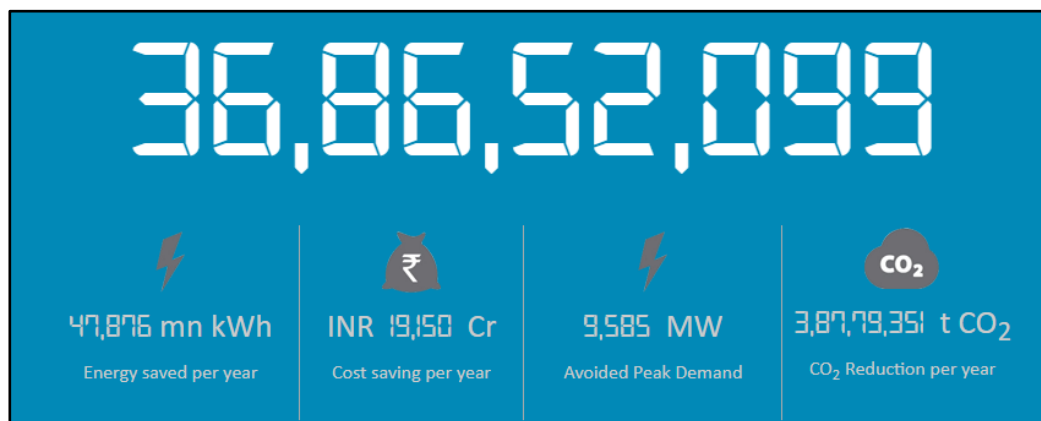
Source: <http://fan.ujala.gov.in/>

72,18,533 Tube Lights

have been distributed under UJALA scheme

Source: <http://ledtubes.ujala.gov.in/>





As on June 15, 2022

Salient features of the UJALA⁵

Increase the demand of LED lights by aggregating requirements across the country and provide economies of scale to manufacturers through regular bulk procurement, which helped the manufacturers to reduce the cost of LED bulbs not only for UJALA program but for retail segment as well.

Promote the use of the most efficient lighting technology at affordable rates to domestic consumers which benefits them by way of reduced energy bill while at the same time improving their quality of life through better illumination.

Distribution of 36.86 Crore (as on 15.06.2022) LED bulbs resulted in energy saving of 47,876 million units of electricity per annum, peak demand reduction of 9,585 MW and 38.77 million tonnes of CO₂ emission reduction annually.

8 Years
Seva, Sushasan,
Garib Kalyan

UJALA
Unnat Jyoti by Affordable LEDs for All

**LIGHTING HOMES,
BRIGHTENING
FUTURE**

37 crore LEDs
distributed so far

**World's largest
affordable LED
bulbs distribution
programme**

UJALA
Unnat Jyoti by Affordable LEDs for All

7 Years of UJALA: Igniting Indian households

India's LED Revolution

“
With the older bulb,
I used to study
for 2 hours.
With the new ones,
I put in 4 hours.
”

Says Mercy Susan, a 15-year-old girl from an orphanage in Secunderabad, Andhra Pradesh. She believes the brighter the light, the larger the impact. She is now very hopeful about her bright future as she can pursue her interest in Mathematics, Science, & Karate

⁵ <https://pib.gov.in/PressReleaseDetailm.aspx?PRID=1808264>

Gujarat: From Darkness to Light through UJALA Scheme

The government of Gujarat launched the 'UJALA' Scheme (popularly known as [UJALA GUJARAT](#)) on May 26, 2016 across the state from Vadodara.⁶

Since its launch, Gujarat has shown exemplary performance in brightening the state with LEDs. Below mentioned points are a few of the prominent achievements of UJALA scheme in Gujarat state:



- As of June 6, 2022, **Gujarat is the state with the highest LED Fans⁷ and LED Tubelights⁸ distribution across the nation.**
- Gujarat became the fastest state to distribute One crore LED bulbs in just 50 days under the UJALA scheme⁹
- Gujarat became the fastest state to distribute Two crore LED bulbs in just 90 days under the UJALA scheme.¹⁰

*Another milestone of Gatisheel Gujarat
In 50 days, Gujarat has become the fastest state in the country to distribute 1 crore LED bulbs*

- Gujarat is saving 35.61 lakh units of power every day because of 1 crore LED bulbs
- This is also helping in reduction of 2,900 tonnes of CO2 emission daily in state
- 22 lakh households in state have already benefitted from this scheme
- The government aims to distribute 12 crore LED bulbs across the state

*Gujarat achieves yet another milestone
In 90 days, Gujarat has become the fastest state in the country to distribute 2 crore LED bulbs*

- Gujarat is saving 71.16 lakh units of power every day because of 2 crore LED bulbs
- This is also helping in reduction of 5,764 tonnes of CO2 emission daily in state
- 42 lakh households in state have already benefitted from this scheme
- The government aims to distribute 12 crore LED bulbs across the state

⁶ <https://twitter.com/anandibenpatel/status/735749046174777344?lang=ar>

⁷ [NATIONAL UJALA DASHBOARD | EESL](#)

⁸ [NATIONAL TUBELIGHT DASHBOARD | EESL \(ujala.gov.in\)](#)

⁹ <https://twitter.com/anandibenpatel/status/754357121794371584>

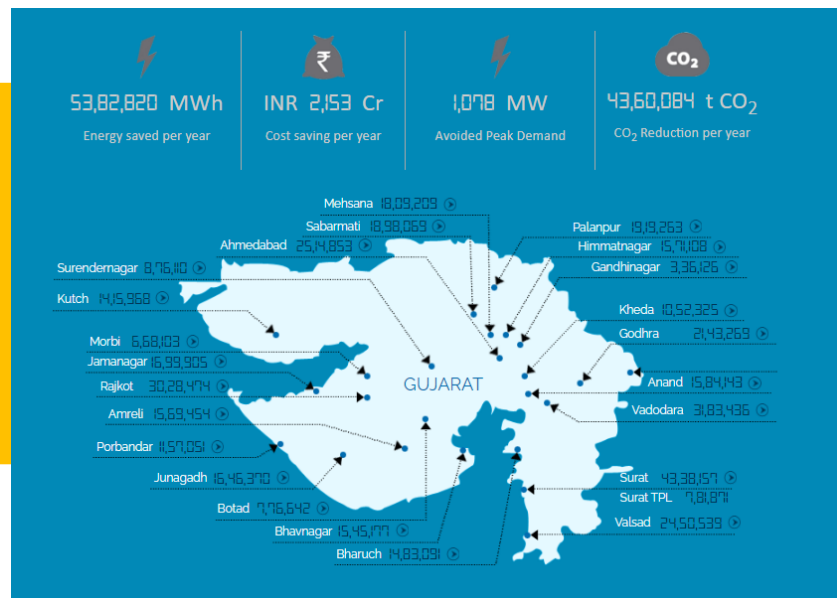
¹⁰ <https://twitter.com/cmoguj/status/770540852338954240>

LEDS distribution under “UJALA” in Gujarat (as on June 15, 2022)

4,14,48,713 LEDs

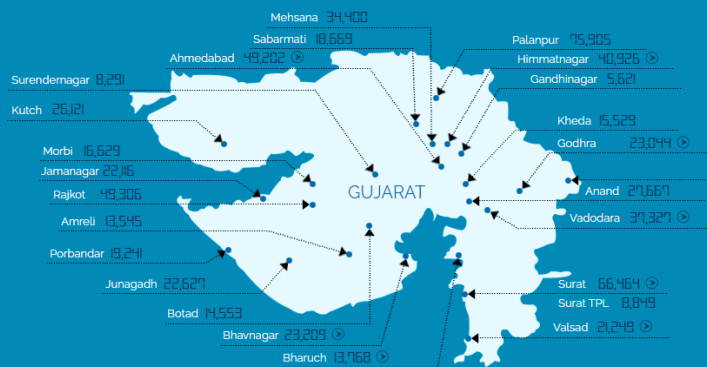
have been distributed under
UJALA scheme

Source: <http://ujala.gov.in/state-dashboard/gujarat>



State-level Summary:

- Energy Savings Per Year: 6,08,46,180 kWh
- Cost Saving per Year: INR 20,68,77,012
- Avoided Peak Demand: 16 MW
- CO₂ Reduction per day: 49,894 t CO₂



6,54,260 Fans

have been distributed under
UJALA scheme

Source: <http://fan.ujala.gov.in/state-dashboard/gujarat>

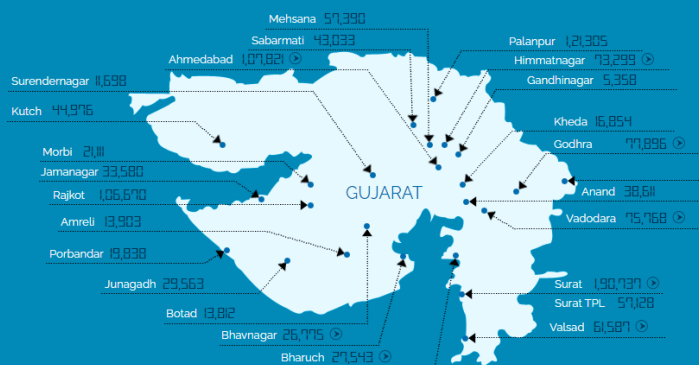
12,76,256 Tube Lights

have been distributed under
UJALA scheme

Source: <http://ledtubes.ujala.gov.in/state-dashboard/Gujarat>

State-level Summary:

- Energy saved per year: 5,59,00,013 kWh
- Cost saving per year: INR 19,00,60,044
- Avoided Peak Demand: 26 MW
- CO₂ Reduction per year: 45,838 t CO₂



Reference

- <https://pib.gov.in/PressReleaseDetailm.aspx?PRID=1808264>
- <https://pib.gov.in/Pressreleaseshare.aspx?PRID=1598481>
- <https://pib.gov.in/PressReleaseDetailm.aspx?PRID=1808264>
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- <https://twitter.com/anandibenpatel/status/735749046174777344?lang=ar>
- [05 Govt. GR-1.pdf \(pgvcl.com\)](#)
- <https://twitter.com/anandibenpatel/status/754357121794371584>
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- <https://twitter.com/cmoguj/status/824153662570237953>
- <http://ujala.gov.in/state-dashboard/gujarat>
- <http://fan.ujala.gov.in/state-dashboard/gujarat>

Tweets Links

- <https://twitter.com/GujaratUjala/status/1047347383942565888>
- <https://twitter.com/GujaratUjala/status/916279628943126529>
- <https://twitter.com/GujaratUjala/status/913328714565378049>
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- <https://twitter.com/GujaratUjala/status/905331868710518785/photo/1>

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