



## 6 Years of UJALA and SLNP

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### Why in News

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The **UJALA (Unnat Jyoti by Affordable LEDs for All)** and **SLNP (Street Lighting National Programme)** completed six years of successful implementation. The two programmes revamped household and public lighting systems across the country.

- Both schemes have been implemented by **Energy Efficiency Services Limited (EESL)**, a **joint venture of PSUs under the Ministry of Power**.
- These programmes **have bagged global awards like the South Asia Procurement Innovation Award (SAPIA) 2017, Global Solid State Lighting (SSL) award** of excellence for the transformational contribution to the LED sector, etc.

### Key Points

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- **Unnat Jyoti by Affordable LEDs for All (UJALA):**

- **About:**

- UJALA is a **zero-subsidy scheme** launched by the Government in **2015**.
    - It is touted as the **world's largest domestic lighting project**.
    - Also known as the **LED-based Domestic Efficient Lighting Programme (DELP)**, it aims to promote the efficient usage of energy for all i.e., its consumption, savings and lighting.
    - Every domestic household having a metered connection from their respective Electricity Distribution Company is eligible to get the LED bulbs under the Scheme.

- **Achievements:**

- Under UJALA, EESL has distributed over **36.69 crore** LED bulbs across India. This has resulted in estimated **energy savings of 47.65 billion kWh per year** with **avoided peak demand of 9,540 MW** and estimated **GreenHouse Gas (GHG) emission reduction of 38.59 million tonnes CO<sub>2</sub> per year**.
    - It has helped in the **growth of domestic LED (Light-Emitting Diode) markets**.
    - It has helped to **bring down the average household electricity bills by 15%**.

- **Street Lighting National Programme (SLNP):**

- About :**

- The SLNP, **launched in 2015**, is a government scheme to promote energy-efficiency in India.
    - Under the programme, EESL **replaces the conventional street lights with LEDs at its own costs**, with no upfront investment by the municipalities, thereby making their adoption even more attractive.
    - This scheme is expected to enable peak demand reduction of 500 MW, annual energy savings of 190 crore kWh, and reduction in 15 lakh tons of CO<sub>2</sub>.
    - The SLNP has plans to bring **investment of Rs. 8,000 crores by 2024** to cover the entire rural India.

- **Achievements:**

- Over 1.14 crore smart LED streetlights have been installed till date, enabling an estimated **energy savings of 7.67 billion kWh per year** with an **avoided Peak demand of 1,161 MW** and an estimated **greenhouse gas (GHG) emission reduction of 5.29 million tons CO<sub>2</sub> annually**.
  - With the help of the scheme, the **municipalities** were able to **save 5,210 crores** of Rupees in their electricity bills.

**Source: PIB**