

Hon'ble CM dedicates 5.75 lakh smart LED streetlights to Uttar Pradesh

- In seven months, EESL retrofits over 5.75 lakh conventional street lights across 15 Nagar Nigams with smart and energy efficient LEDs
- Retrofit includes 1.36 lakh street lights under Lucknow Nagar Nigam, 38,500 under Varanasi Nagar Nigam and 4,700 Heritage LED Street lighting Systems, under HRIDAY Scheme

Lucknow, May 28, 2018: Hon'ble Chief Minister of Uttar Pradesh, Yogi Adityanath today dedicated over 5.75 lakh smart and energy-efficient LED street lights, installed under the Indian government's Street Light National Programme (SLNP), to the people of Uttar Pradesh. Demonstrating the technology's potential for real-time remote operations and monitoring, lights in Lucknow and Varanasi Nagar Nigams were switched on using a web-based Centralised Control and Monitoring System (CCMS).

The retrofitting of 5.75 lakh street lights signifies the completion of the first phase of the Memorandum of Understanding signed in September, 2017 between Energy Efficiency Services Limited (EESL), a joint venture under the administrative control of the Ministry of Power, and the Urban Development Department (UDD), Government of Uttar Pradesh.

The street lights installed under the SLNP programme in Uttar Pradesh have demonstrated a function time of 95%.

As part of the MoU, EESL will retrofit an estimated 15 lakh conventional street lights with energy efficient LEDs to promote energy efficiency in the state. The second phase of the project was also announced which entails signing of similar agreements with 80 more Nagar Palikas in UP. The project is funded by the Asian Development Bank (ADB).

Announcing the successful installation of these lights, the **Hon'ble Chief Minister** said, "The Government of Uttar Pradesh understands the importance of energy efficiency for the state's development. Keeping this in mind, we took the prominent decision of replacing conventional street lights with LEDs and an agreement was signed between EESL and Urban Development Department of the state. Under the agreement, 15 lakh conventional street lights will be replaced with LEDs. This initiative will enable Uttar Pradesh to save around 40 crore kilowatt of energy annually. Additionally, this will reduce 35 crore tonnes of annual carbon dioxide emission translating to annual savings of INR 280 crore."

"Rising demand for energy is natural in a growing economy. However, it is equally important that we continue to strike a balance between economic growth and sustainable development. Adoption of energy efficiency and conservation is an important step in this direction. Provision of reliable and affordable electricity supply is crucial for the overall development of an economy. Aligned with this vision, the Government of Uttar Pradesh stands committed to achieving '24x7 Power for All'," he said.

The retrofitting of over 1.36 lakh conventional street lights in Lucknow and 38,500 in Varanasi, combined with 4,700 Heritage LED Street lighting Systems, under the Heritage City Development Scheme (HRIDAY) Scheme has halved the total Electricity Load of Street lighting for Lucknow and Varanasi Nagar Nigams.

EESL will continue to oversee the operations and maintenance of the streetlights for a period of 7 years, enabling Lucknow and Varanasi Nagar Nigams to achieve annual savings of 17 MW in comparison to last year leading to savings of 55% through savings in electricity bill and maintenance cost.

Speaking on the occasion, **Rajeev Sharma, Chairman, EESL** said, “At EESL, it has been our endeavour to support and empower states with energy efficient solutions and strengthen their contribution to India’s energy efficiency and environmental goals. Our approach of making the entire upfront cost and the monetised savings over time, enables adoption of transformative solutions. The achievement of the Street Light National Programme (SLNP) in UP is a testament to the great partnership between EESL and the Urban Development Department towards achieving greater energy efficiency and sustainability. We are also thankful to ADB for supporting us in successfully implement this programme across the state to enable energy efficiency for all.”

“Energy efficiency is among the least costly options to ensure or expand energy access while reducing greenhouse gas emissions and addressing climate change,” said **Jiwan Acharya, Senior Energy Specialist, ADB**. “Energy efficiency, renewable energy and energy access have been our key focus areas in India. ADB takes pride in its partnership with EESL, in enhancing the energy efficiency of street lighting infrastructure and other energy efficiency solutions in states. The achievement in UP is another commendable step forward in this direction”

EESL’s target to retrofit an estimated 15 lakh conventional street lights in the state will achieve energy savings of nearly 400 million kWh annually. This translates to a total cost savings of about Rs. 280 crore per annum, and a reduction of 350 million tonnes in CO2 emissions.

EESL aims to replace 13.4 million conventional street lights in India by 2019 under the Street Light National Programme. Till date, EESL has replaced over 5.6 million conventional street lights with LED lights, leading to an annual energy saving of more than 270 kWh per light, and reducing over 1.2 million tonnes of CO2 emissions and peak demand of over 378 MW.

EESL has a stringent complaint redressal mechanism and consumers can provide feedback on the toll-free **1800-180-3580**, social media (@EESL_India for Twitter) and (@EESLIndia for Facebook), email (helpline@eesl.co.in), and at the EESL portal (support.eeslindia.org/)

To know more, please visit (www.eeslindia.org; also follow us on Twitter: https://twitter.com/EESL_India)

About EESL

Energy Efficiency Services Limited (EESL), under the administration of Ministry of Power, Government of India, is working towards mainstreaming energy efficiency and is implementing the world’s largest energy efficiency portfolio in the country. Driven by the mission of Enabling More – more transparency, more transformation, and more innovation, EESL aims to create market access for efficient and future ready transformative solutions that create a win-win situation for every stakeholder. By 2020, EESL seeks to be a US\$ 1.5 billion (INR 10,000 crore) company.

EESL has pioneered innovative business approaches to successfully roll-out large-scale programs that



allow for incentive alignment across the value chain and rapidly drive transformative impact. EESL aims to leverage this implementation experience and explore new opportunities in overseas market for diversification of its portfolio. As on date, EESL has begun its operations in UK, South Asia and South-East Asia.