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EESL ENERGY EFFICIENCY SERVICES LIMITED
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INNOVATING ENERGY

SLNP AND UJALA: TRACING THEIR IMMENSE IMPACT & ROADMAP FOR 2023-2024

MISSION LIFE: THE CLIMATE ACTION MANTRA FOR THE NEXT DECADE

PG.13

Top Energy Trends From India & Across The Globe

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SPECIAL MESSAGE

Nitin Bhatt
Senior Manager - PR & Sales
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The concept of LiFE was introduced by India's honorable Prime Minister Shri Narendra Modi at COP 26 in Glasgow on 1st November 2021. Mission LiFe (Lifestyle For Environment) envisions a circular economy, which is cultivated by mindful choices. With this month's newsletter, we aim to promote similar mindful and sustainable living practices which are necessary to strike a balance between the needs of the present generation with that of the future. For any feedback, please write to **pr@eesl.co.in**

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EDITOR'S NOTE

Dear Reader,

As the climate crisis continues to loom large, it has become quite clear that business as usual will not get us to our goal of a sustainable future. There is a need to swiftly build the clean energy systems of tomorrow, while making the energy systems of today much cleaner. We must increase energy capacity, improve technologies like electric vehicles and battery storage, scale up carbon capture and enhance the efficiency of energy use across sectors. These interventions, while potent and necessary, need to be augmented with a push towards sustainability, at an individual level as well.

India is showing the way to make this happen, with its Mission LiFE. It has emerged as the blueprint for building a sustainable future for all of us. Mission LiFE has brought into sharp focus the unsustainable lifestyle of rich nations whose excessive consumption of resources is considered one of the key factors behind high cumulative historical emissions of greenhouse gases (GHGs) that are responsible for climate change-induced extreme weather events, which affect the poor and developing countries disproportionately. Thus, the theme for this month's newsletter is '**Mission LiFE: The climate action mantra for the next decade**.'

In the article 'Mission LiFE: India leads the world on Climate Change Mitigation' we deep dive into how actions from individuals, communities and social groups would be required for bringing in an "Environment friendly Lifestyle" or as Prime Minister Modi coined it, "Lifestyle for Environment (LiFE)".

Additionally, there is a small snippet on G20, wherein we take a look at the salient highlights from India's visionary G20 leadership, as we delve into announcements around India's energy transition, the nation's pioneering efforts in the clean energy space, and various partnerships that will enable us in addressing the effects of climate change.

In our lifestyle section, we have invited participation from our employees in the form of write-ups and photographs. We have also featured the "Best Entry" in this section. In our 'Activity of the month' section, we have aimed to tap into the creativity of our employees, with original paintings and sketches.

India's Mission LiFE is a powerful statement of intent, in its efforts towards mitigating the adverse effects of climate change. A global push towards sustainable living is now essential and India can be the guiding light in building a cleaner and greener future for our planet.

Animesh
Head (Sales & PR),
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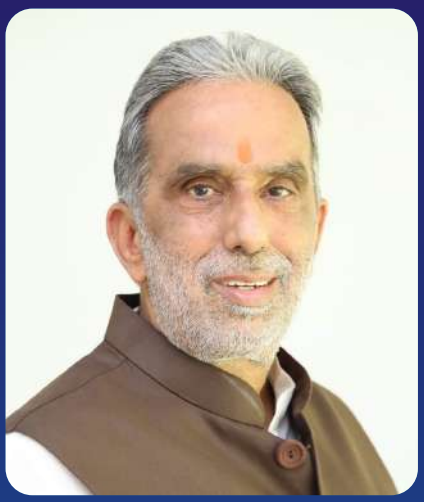


ईईएसएल का प्रकाश कार्यक्रम और भविष्य के कार्बन स्तर में कमी द्वारा भारत की यात्रा की दिशा में उनका योगदान

- श्री कृष्ण पाल गुर्जर

राज्य मंत्री, भारी उद्योग मंत्रालय

भारत का ऊर्जा दक्षता बाजार लगभग एक दशक पहले अपनी प्रारंभिक अवस्था में था। इसमें महत्वपूर्ण क्षमता थी, और सही नीतियों और पहलों के साथ, राष्ट्रीय ऊर्जा परिवर्तन को चलाने के लिए तैयार था। तब से भारत के ऊर्जा पारिस्थिति की तंत्र में कायापलट हो गया है, जिसमें कई क्षेत्रों में ऊर्जा के खपत में काफी बचत हुई है – चाहे वह भवन, परिवहन, भारी उद्योग, शीतलन या यहां तक कि ऊर्जा उत्पादन हो। पिछले कुछ वर्षों में, भारत ने अपने नागरिकों के लिए कम कार्बन वाले भविष्य को सुनिश्चित करने के लक्ष्य की दिशा में जबरदस्त प्रगति की है। बड़े पैमाने पर सामाजिक–आर्थिक और पारिस्थितिक प्रभाव को सक्षम करने के साथ साथ देश के कार्बन फुटप्रिंट चरम ऊर्जा मांग और बिजली के बिल को कम करने के लिए ऊर्जा दक्षता इस बदलाव के लिए उत्प्रेरक रही है। इससे बिजली, रोशनी और बेहतर सुरक्षा तक पहुंच के साथ लोगों के जीवन स्तर में वृद्धि हुई है।

सस्ती और हरित घरेलू प्रकाश व्यवस्था

भारत की ऊर्जा दक्षता पहलों का पैमाना और गति वास्तव में देखने लायक है। ऊर्जा दक्षता को बढ़ाने के लिए देश के प्रयासों में सबसे महत्वपूर्ण उपलब्धि भारत में एलईडी बल्बों का प्रसार रहा है। उन्नत ज्योति बाई अफोर्डेबल एलईडी फॉर ऑल (उजाला), जिसे किफायती मूल्य पर उपभोक्ताओं के लिए ऊर्जा–कुशल एलईडी बल्ब लाने के लिए शुरू किया गया था उसने अपने मूल लक्ष्य से बेहतर प्रदर्शन किया है। एनर्जी एफिशिएंसी सर्विसेज़ लिमिटेड (ईईएसएल) के ठोस प्रयासों ने इस एलईडी बल्ब को भारत के लोगों द्वारा सर्व–स्वीकार बना दिया है। पहले उन्हें बड़े पैमाने की अर्थव्यवस्थाओं के माध्यम से सस्ती बनाकर, और फिर इस लागत लाभ का उपयोग करके इसके लाभों के बारे में जागरूकता पैदा की। कम ऊर्जा बिल और बेहतर प्रकाश गुणवत्ता।

अब तक उजाला कार्यक्रम के तहत 36.86 करोड़ से अधिक एलईडी बल्ब और ट्यूबलाइट्स वितरित किए जा चुके हैं। इसके परिणामस्वरूप प्रति वर्ष 47.88 अरब kWh की अनुमानित ऊर्जा की बचत हुई है, साथ ही 9,586 मेगावाट (MW) की अधिकतम मांग (पीक डिमांड) को कम करने में मदद मिली है; ग्रीनहाउस गैस (जीएचजी) के उत्सर्जन में प्रति वर्ष 38.78 मिलियन टन कार्बन डाई ऑक्साइड (CO_2) में कमी आने और उपभोक्ता के बिजली बिलों में 19,152 करोड़ रुपये की वार्षिक मौद्रिक बचत का अनुमान है।

भारत के ग्रामीण क्षेत्रों को रोशन करना

उजाला की अपार सफलता के बाद, इस पहल को हमारे ग्रामीण क्षेत्रों में भी दोहराया जा रहा है, जिसके परिणामस्वरूप ग्राम उजाला कार्यक्रम की शुरुआत हुई है। ग्राम उजाला पहल को अच्छी गुणवत्ता वाले ऊर्जा कुशल एलईडी बल्बों को बढ़ावा देने और भारत के ग्रामीण इलाकों में वितरित करने के लिए 10 रुपये की सस्ती दर पर शुरू किया गया था। ग्राम उजाला कार्यक्रम ने ग्रामीण उपभोक्ताओं के लिए सामर्थ्य की मुख्य बाधा को दूर करके एलईडी बल्बों के व्यापक वितरण का कार्य किया है। इसके अलावा, प्राप्त ऊर्जा बचत ने घरेलू ऊर्जा की समग्र खपत को कम कर दिया है, जिससे आय और बचत को बेहतर किया जा सकता है। कार्यक्रम स्वच्छ ऊर्जा पहुंच प्रदान करने में सफल रहा है और जीएचजी उत्सर्जन को कम करने की दिशा में महत्वपूर्ण योगदान दे रहा है।

सतत् सार्वजनिक प्रकाश व्यवस्था

एक राष्ट्र की स्ट्रीट लाइट्स उसके नागरिकों के लिए व्यापार और सड़क सुरक्षा को सक्षम करने के लिए अनिवार्य हैं। भारत के लिए इसकी स्ट्रीट लाइट्स ऊर्जा–कुशल प्रकाश व्यवस्था के लिए एक विशाल अप्रयुक्त अवसर का प्रतिनिधित्व करती हैं। ईईएसएल ने इस क्षमता का लाभ उठाने के लिए 2015 में अपना नेशनल स्ट्रीट लाइटिंग प्रोग्राम लॉन्च किया। इस कार्यक्रम द्वारा अभी तक, ईईएसएल ने पूरे भारत में शहरी स्थानीय निकायों और ग्राम पंचायतों में 1.3 करोड़ से अधिक एलईडी स्ट्रीट लाइट्स सफलतापूर्वक स्थापित की हैं। इसके परिणामस्वरूप प्रति वर्ष 8.79 अरब kWh की अनुमानित ऊर्जा बचत के साथ 1,465 मेगावाट (MW) की अधिकतम मांग (पीक डिमांड) को कम किया गया है, ग्रीन हाउस गैस (जीएचजी) के उत्सर्जन में प्रति वर्ष 6.06 मिलियन टन कार्बन डाइ ऑक्साइड (CO_2) में कमी हुई है। इस पहल की सफलता के पीछे राज्यों, नगर पालिकाओं और शहरी स्थानीय निकायों के साथ साझेदारी करने की ईईएसएल की अनूठी रणनीति है, जिसमें नगर पालिकाओं द्वारा बिना किसी अग्रिम निवेश के पारंपरिक स्ट्रीट लाइट्स को एलईडी के साथ बदलना शामिल है, जिसने एलईडी अपनाने को और भी आकर्षक बना दिया है। इसने ऊर्जा दक्षता और नागरिकों की सुरक्षा में सुधार किया है और बेहतर समग्र जीवन अनुभव की शुरुआत की है। नतीजतन इस कार्यक्रम ने हरित सार्वजनिक प्रकाश व्यवस्था के बुनियादी ढांचे के निर्माण में वैश्विक मानदंड स्थापित किए हैं।

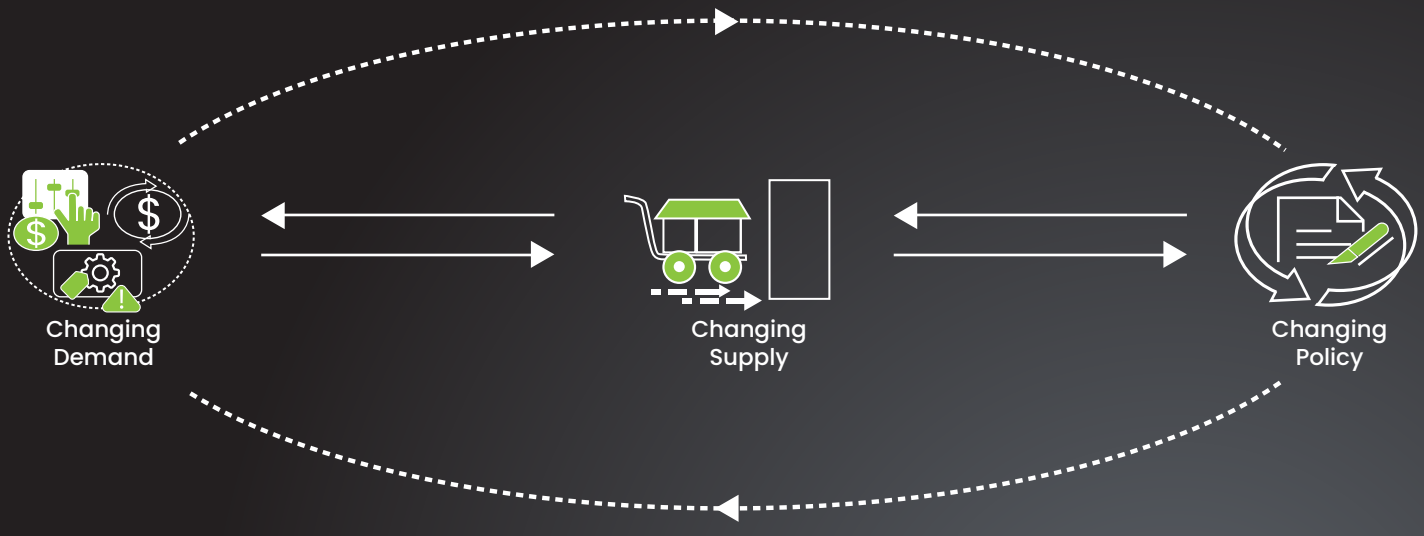
पिछले कुछ वर्षों में, ईईएसएल ने कई एलईडी योजनाओं को तैयार और कार्यान्वित किया है, जिसने जबरदस्त आर्थिक, पर्यावरणीय और सामाजिक प्रभाव प्राप्त किया है। वे देश के ऊर्जा परिवर्तन के लिए चिंगारी साबित हुए हैं। इसका अभिनव व्यापार मॉडल इन योजनाओं को लंबे समय तक व्यवहार्य और टिकाऊ बनाने के केंद्र में है। मैं ईईएसएल की देश में हरित प्रकाश योजना कार्यक्रमों के माध्यम से उसके सामाजिक–आर्थिक और पारिस्थितिक प्रभाव के लिए सराहना करता हूं और आशा करता हूं कि यह भविष्य में भी इस गति को जारी रखेगी।

Mission LiFE: India leads the world on Climate Change Mitigation

"**Climate Change**" is a phrase we are hearing more often than before. The temperature shifts, change in weather patterns can all be attributed to Climate Change. National governments and international bodies slowly but surely are recognising the threat and showing commitment to fight this global phenomenon. Countries have given their net-zero commitments ranging from year 2030 to 2070. India has given a long-term goal of reaching net zero by 2070 whereas other major countries like US and China has set a target of 2050 and 2060 respectively. However, in the words of Antonio Guteress, UNSG "Government or private sector commitments to net-zero cannot be a mere public relations exercise". The big question arises now is whether these commitments can actually change the course of climate action and create a climate resilient planet. Our answer to would be that Governments, private sector or institutions can not prevent this Climate Change alone. The fight against climate change needs to be democratic as well. Actions from individuals, communities and social groups would be required for bringing in a "Environment friendly Lifestyle" or as the Prime Minister Modi coined it, "Lifestyle for Environment (LiFE)"

The average carbon footprint per person in India is 40% of the global average (1.8 Vs 4.5 tonnes per year). Still, India have been pro-active in identifying this untapped potential of bringing Individual & community level changes in its mitigation approach. Hon'ble Prime Minister introduced Mission LiFE i.e. Lifestyle for Environment at COP 26 in Glasgow, an India-led global mass movement to nudge and focus on individual and community action to protect and preserve the environment. The program was then launched in October 2022 in Gujarat with a vision to inculcate a lifestyle that is in tune with our planet and does not harm it. The mission aims to mobilise 1 billion Indian and foreigners as "Pro Planet People". It is targeting over 5 lac villages and 3700 local bodies across the 766 districts. India's emphasis on LiFE can be drawn from the fact that it has gone to the extent of putting Mission LiFE in its updated Nationally Determined Contributions (NDCs) submitted to UNFCCC.

Unlike various programs of the government which are based on Top-down approach, Mission Life is based on a bottom-up approach. In its phase 1, mission aims to nudge individuals across the world to practice simple yet effective environment-friendly actions in their daily lives. It is understood that collective environment friendly actions shall bring in large scale demand side change which shall tailor the supply and procurement of environment friendly products. These changes shall then trigger shifts in large-scale industrial and government policies that can support both sustainable consumption and production.



With Mission LiFE being launched in 75th year of India's independence, it introduced a non-exhaustive list of 75 individual LiFE actions across 7 categories. The categories covers Energy saving, Water saving, reduction in Single Use Plastic, Sustainable foods, Waste reduction (Swachhata), Healthy lifestyle adoption and E-waste reduction. The actions are very basic, non-disruptive and easy to practice. The identified activities involve taking the stairs instead of elevator, switching off vehicle engine at red lights, setting AC temperature at 24 deg C, cultivation of less water intensive crops, use of cloth bag instead of plastic, segregation of dry and wet waste etc. These changes appear to be small, but collectively these can bring in a significant and positive climate impact when conducted by 1 billion people. Climate actions by India having ~17.7% of world's population will be instrumental in shaping the global climate response.

Impact of some of the life actions by 1 billion Indians in 2022-27:

- Switching off the vehicle engine can save up to 22.5 billion units of energy.
- Turning off running taps when not in use can save 9 trillion litres of water.
- Using cloth bag instead of plastic one can save 375 million tonnes of solid waste.
- Discarding gadgets in e-recycling unit saves up to 0.75 million tonnes of e-waste.
- Composting waste food can save 15 billion tonnes of food going to landfills.

The most fascinating feature which we found in the Mission Life was its openness to global ideas. Not only the mission aims at creating awareness on Environment friendly practices of India to the world, it calls for a united effort to bring in pro-environment actions and teachings across the globe under one umbrella. Practicing the idea of "Vasudhev Kutumbakam", it will cover promotion of use of clay ware for cooking and serving in India as well as "Lokza" mechanism for water saving in Algeria. Mission LiFE provides a great platform for learning from each other's best or traditional practices. So, we shall not be surprised if the whole world adopts our very own Kulhad wali Chai in a few years' time.

Mission LiFE if implemented in the same manner as it is envisioned (onus of which is on everyone of us), shall bring the transition from throwaway culture to a circular economy and instil the concept of Reduce-Reuse-Recycle. Mission LiFE holds both environmental and economic value for the nations as well as its citizens. It will also be a mean for India to emerge as a Global Leader and carry the mantle when it comes to climate change. Thus, Government and its institutions must now take swift action to penetrate Mission LiFE to the grassroot level i.e. to villages, communities & individuals and citizens must equally support the initiative and bring in a positive change in their environment.

Energy Efficiency Services Limited (EESL) as an institution of Government of India, is implementing energy saving actions encompassed in Mission LiFE. Every EESL initiative whether it is UJALA, Street Light National Program (SLNP) or motor replacement, is a component of LiFE. EESL is working towards mainstreaming energy efficiency and is implementing the world's largest energy efficiency portfolio. EESL aims to create market access for efficient and future ready transformative solutions that create a win-win situation for every stakeholder. It 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. Programs like UJALA, SLNP, Smart meter programme, Electric vehicle initiative portrays the success of EESL in its clean energy Journey. EESL initiatives have cumulatively saved over 60 billion kWh of energy annually, and helped avoid more than 12,000 MW of peak energy demand. These programmes have reduced CO_2 emission by over 48 million tonnes annually.

Vishal Kapoor, CEO,
Energy Efficiency Services Limited

G20 Summit
Snippet – February 2023

At the recently concluded India Energy Week, **Prime Minister Narendra Modi** mentioned that India's energy demand is likely to reach 11 per cent of the global demand, as compared to 5 per cent currently. The increased demands and commitments towards energy transition makes room for a variety of opportunities for energy firms to invest in India.

The commitment of Government of India to attain energy independence by 2047, and achieve the milestone of Net Zero 2070, are a clear sign of the country's ambition to play its part, as does its G20 Presidency theme, Vasudhaiva Kutumbakam or One Earth – One Family – One Future.

A collaborative effort of several industry stakeholders is going to be vital for India to meet its international and domestic climate goals. On the sidelines of G20 presidency, EESL signed two memorandum of understandings with the Indonesia-Malaysia-Thailand Growth Triangle Joint Business Council and Al Etihad Energy Services L.L.C. (Etihad ES) respectively . These MoUs will further promote the adoption of energy efficiency and sustainable practices in the regions.

Furthermore, Rs 35,000 crores have been allocated as a priority capital investment towards energy transition in Budget for 2023. The objective of this investment is also to accelerate India's journey towards Net Zero 2070 goal.

According to a report released by the Observer Research Foundation (ORF), India ranks first among all G20 members in terms of overall climate performance. This is a result of our low per capita contribution to carbon and GHG emissions, least rate of per capita energy use, and limited share in legacy emissions relative to our population needs.

The country is on track to be one of the largest economies in the world. It will account for 20% of the world's population by the middle of the century. Therefore, India's climate change efforts are going to have a significant impact on the entire planet and will be instrumental towards meeting the United Nations Sustainable Development Goals as well.

Bhawanjeet Singh
Executive Director (IC)
Energy Efficiency Services Limited

Synergising women entrepreneurship through energy efficient technologies

The energy sector is one of the least gender-diverse sectors across the world. Several studies have revealed that integrating women into different levels of the energy value chain unlocks greater productivity, return on investment and customer satisfaction. Energy Efficiency Services Limited (EESL) has been playing a catalysing role towards enhancing the livelihood opportunities for women by supporting entrepreneurial opportunities using energy efficient technologies. In the year 2022, EESL collaborated with the Bihar State Livelihood Mission – JEEVIKA for promoting the sale of energy-efficient (EE) Brushless Direct Current (BLDC) fans through J-Wires (JEEVIKA Women Initiative Renewable Energy and Solution Private Limited), a private limited company formed by women self-help group members. Under this initiative, EESL is supporting J-Wires in bulk procurement of BLDC fans at competitive rates and capacity development of SHG women towards marketing of the new technology.

Until October 2022, more than 850 BLDC fans have been sold through 23 solar shops operated by SHG women associated with J-Wires popularly called '**Solar Mart Didis, in District Gaya. As a part of the ADB-supported Scaling Up Demand Side Energy Efficiency Sector Project**, EESL is now working towards scaling up the programme and organizing training of SHG women associated with JEEVIKA from across the State in the marketing, repair and service of BLDC fans. These trainings have not only improved the income earning capacity of the Solar Mart Didi's through the sale of EE fans, but have also made the repair and service requirements of the rural consumers seamless. The first phase of training of 23 Solar Mart Didis on the sale and repair of BLDC fans from the Gaya district was undertaken in November 2022, while the second phase expected between March – June 2023. The training included an interactive session on marketing and sale of BLDC fans to build confidence of Solar Mart Didis. In addition to this, an awareness session was undertaken on topics like different sources of energy, India's energy generation and consumption pattern, renewable energy sources, energy efficiency and measures to conserve energy.

Sensitizing youth on Energy efficiency and Renewable Energy

EESL is implementing Scaling Up Demand Side Energy Efficiency Sector Project with support from Asian Development Bank. One of the key activities under the project is to undertake end user awareness on energy efficient technologies, especially among women. In order to ensure maximum outreach amongst the youth, EESL has collaborated with schools and NGOs for conducting awareness sessions.

Here are a few highlights from some of the sessions:

EESL, Chhattisgarh regional office in collaboration with CREDA organized a one-day event on 15 Feb 2023, for 11th grade students of government schools in Raipur. The event was conducted on Energy Efficiency and Renewable Energy. It started with a session on various sources of renewable energy, followed by an interactive session on energy efficiency, energy conservation, and ways to reduce our carbon footprint by changing our lifestyle. Students were given a live demonstration of grid connected 1 MW solar power plant. The students were later taken to the energy park for an exposure on genesis/evolution of various sources of energy and its development over the period.

Visit to 1 MW Solar Power Plant- EESL officials, CREDA Officials, Girls student of Sarasvati Uchya Madhyamik Kanyashala and Dr Shyamaprasad Mukherjee Girls School

Knowledge visit to 1 MW Solar Power plant, Naya Raipur

EESL conducted an awareness session for four/two wheelers' women commercial drivers on 09 February 2023 at Azad Foundation Centre. (Azad Foundation, an organization working on creating non-conventional livelihood for resource poor women. Along with the commercial driver training, they also provided training on effective communication, grooming, map reading, self-defense.)

The awareness session conducted by ESL officials was on Energy Efficient Technologies and Renewable Energy. Post the training program, participants were assessed on their learnings from the session through a question-answer round.

A similar session was conducted for students of Prerna School on 20 Jan 2023. The school operates in the afternoon for the resource poor children in the premise of government school. The awareness session was conducted for students of 7th-9th grade. It included concepts of various sources of energy and how to conserve electricity by making changes in our lifestyle. The students were also taught a simple calculation on how to calculate household energy consumption and ways to increase the energy savings.

Transforming India's lighting sector:
Decoding UJALA's success

Ashish Malviya, Head – Ujala Programme,
Energy Efficiency Services Limited

The world continues to reel from the effects of climate change, and energy efficiency is playing a vital role in taking us closer to the goal of energy security. There is a multitude of benefits of energy efficiency programmes and interventions. UJALA (Unnat Jyoti by Affordable LEDs for All), started in 2014 as a small pilot by Energy Efficiency Services Limited (EESL) in Puducherry, is one such intervention. It was launched to promote energy conservation by increasing the use of energy-efficient LED lighting at the residential level in India. The programme has been invaluable in saving energy and enabling a reduction in costs of both consumption and supply of energy, along with decarbonisation and air pollution mitigation.

UJALA, with strong policy support from the government, has set an example as a self-sustaining government initiative that has not only surpassed traditional benefits, like energy savings and reduced carbon emissions but also triggered large-scale investment in the manufacturing of LED bulbs. It caused a full supply-demand chain reaction, which delivered favourable economies of scale to a range of manufacturers, helping grow and strengthen the domestic LED market with high-quality products, and enabling the LED manufacturers to build a business competing at an international level and meeting the growing demand for affordable LEDs worldwide. UJALA has emerged as a win-win solution, as it has reduced household electricity bills and provided new job opportunities, ultimately delivering energy-efficient prosperity.

Due to the intervention of the UJALA programme, the domestic lighting market has completely transformed. The sale of compact fluorescent lamp (CFL) bulbs and incandescent bulbs is now negligible as compared to the sale of LED bulbs. LED bulbs are available in the retail market at 1/6th of the cost at which they used to be before UJALA. Over time, the efficiency of LED bulbs has also improved. Earlier UJALA bulbs required 1 watt for producing a light output of 80 lumens, later this improved to 100 lumen per watt. The efficacy of the LED bulbs available in the market is 100-110 lumens per watt whereas the efficacy of the five-star rated LED bulbs is 120-135 lumen per watt. Thus, if traditional LEDs are replaced with five-star LEDs, then there is an energy-saving potential of at least 25%. Considering this opportunity, EESL is in the process of buying 5-star rated LED bulbs and would try to make them available for the consumers at the price range at which currently 2 or 3-star rated bulbs are available.

Another big opportunity is in domestic ceiling fans, as every year, 30 million ceiling fans are sold in India. A national programme of 5-star rated fans with a combination of buyback of old ceiling fans, carbon financing and reduction in GST rate is also in process. Additionally, EESL is also planning to bring 5 star rated ceiling fans at very affordable price by using super-efficient induction motor technology. To enhance our reach to the consumers, EESL's energy efficient products will be made available on offline stores like the Department of Posts, JEEVIKA, CSC centre etc. and online stores such as Amazon, Flipkart, EESL mart and the GeM Portal. This can ramp up the adoption of energy efficient appliances considerably.

To cope with the rising energy demands, responsible actions have to be taken to fill the gap between the demand and supply of energy. Interventions such as UJALA will be the catalyst in enabling India's energy transition and reducing emissions.

Street Lighting National Programme

EESL is progressing on journey of efficient Street Lighting, with a committed testimony of 8 years pan India.

While traversing through the journey, EESL has installed over 1.27 crore LED Street Lights, leading to market transformation in LEDfication . EESL model has enabled India to manufacture LED Lights, thereby making it a true Make in India Campaign. The cost reduction and 'Pay As You Save' (PAYS) model of EESL has enabled Urban Local Bodies (ULBs) & Gram Panchayats (GPs) to go for large scale adoption, leading to estimated energy savings of 8.58 billion kWh per year, with avoided peak demand of 1,429 MW, GHG emission reduction of 5.90 million t CO_2 per year and estimated annual monetary savings of INR 6,004 Crores.

Interestingly, it also offers a non-tangible benefit of enhanced security and increased business hours even in the remotest parts of our country.

Throughout the journey, EESL has been in quest of improving specifications and remaining abreast of state of the art, energy efficient LEDs. EESL LED streetlights have been a benchmark for the lighting industry. Centralised Control & Monitoring System (CCMS) has led to efficient group operations of light and location independent monitoring in Dashboard. EESL is now aiming for State-wise integrated Dashboards, further merging to pan India scenario.

EESL is now aiming to add additional 1.34 crore Street Lights by the year 2024. Having the opportunity, EESL is aiming to yet another market transformation by bringing in Smart Streetlights, adding another dimension of enhanced efficiency and better operations.

Anil Kumar Choudhary
Head Operations (Lighting),
Energy Efficiency Services Limited

Lifestyle Section

My Experience of Playing in National Shooting Championship Competition (NSCC) in Rifle Shooting 2022 and 2023.

Amongst the various shooting events in India, the National Shooting Championship (NSCC) is likely to figure among the biggest out there. This event witnesses participation from shooters across the country, including Olympians, Asian Championship players, World Cup players and other international level players.

In December 2021 and December 2022, I proudly ticked it off on my list. It inspired me to take the shooting sport seriously and make it a part of my lifestyle. And so, after the NSCC, I got a chance to participate in the Selection Trials for Team India (National Squad). It is one of the biggest shooting tournaments in the country, including players/shooters coming from all over the country – States/ Units/Departments such as Army, CISF, Railways, etc. The NSCC 2023 (Kerala) and NSCC 2022 (Bhopal, M.P) were my first ever Nationals in Shooting. I represented the Rajasthan State in the 10-metre Air Rifle event, and I aim to represent Team India in the coming years.

Back in 2021, I had joined a shooting club called C S Shooting Academy, Jaipur after seeing Avani Lekhara win a medal for India in a Shooting event during the Olympics. Her win inspired me to take up shooting once again. It also brought back the memories from when I had played the sport for the first time in 2013 during my college days. From the moment that I held the rifle for the first time, I had made up my mind to follow my passion and give a chance to this sport one day.

At the shooting club, my coach observed my passion and skills for the game, and immediately insisted that I continue the game. He saw the potential in me, and so I took this as an opportunity to take up the sport again after a gap of six years. I began training myself as a professional Rifle Shooter and take this sport seriously.

Even though I was not the most regular at the club in the beginning, but step by step I participated in the District, State, Pre-National Championships. I also finally qualified for the Nationals in my very first attempt and represented the Rajasthan State Shooting Team. My stint continued as I got selected for Selection Trails for Team India as well!

I continue to train diligently, while managing work at the same time. Despite the constraints, I train myself daily for at least 3 hours. I ensure that I utilize the time optimally in training myself physically as well mentally, as it Rifle Shooting requires both mental and physical strength .

My daily routine begins with morning meditation and exercises. I then move on to my office work during the day, while my evenings are reserved for shooting practice. I usually enjoy more training during weekends like Saturday and Sundays and on holidays. During past year, I have also participated at club level championships and won medals in individual as well team events in Rifle Shooting. I have also qualified for the “Outstanding sports person” category under Rajasthan State Jobs policy. I still remember how my training became more intense day by day, especially as I got closer to the Championships. For example, in March 2022 I had my 3 & 4th Selection Trial matches. That was when I took a few days to completely focus on intense training and exercises, meditation and a proper healthy sports diet. My office colleagues, especially my seniors and bosses, deserve a special mention. They have played an important role in motivating and supporting me in pursuing my passion for the sport. With their support, my passion for the sport and consistent hard work, I aim to represent my country someday!

Pankaj Tatiwal
Sr. Engineer,
EESL, Jaipur

During National Shooting Championship Competition 2021 Bhopal, Madhya Pradesh

राजस्थान के निशानेबाजों का प्रदर्शन शानदार रहा

खेप्र/नवज्योति, जयपुर। जगतपुरा स्थित ओएसिस शूटिंग रेंज पर बुधवार को सम्पन्न 40 वीं नॉर्थ जोन शूटिंग चैंपियनशिप में राजस्थान के निशानेबाजों का प्रदर्शन शानदार रहा।

चैंपियनशिप के अंतिम दिन राजस्थान के निशानेबाजों ने 1 स्वर्ण, 5 रजत व 3 कांस्य सहित कुल 9 पदक जीते। सीनियर पुरुषों की 10 मी. एयर राईफल स्पर्धा में मेजबान राजस्थान के निशानेबाजों का प्रदर्शन काफी बेहतरीन रहा। शीर्ष 15 में राजस्थान के 7 निशानेबाज शामिल रहे। इस स्पर्धा में रजत पदक और कांस्य पदक जीतने वाले भूपेन्द्र सिंह सिसोदिया और अजय यादव ने समान 393 अंक हासिल किए। स्वर्ण पदक जीतने वाले यूपी के अनस धाबास ने (396) ने जीता। राजीव राज चौबीसा ने चौथा, घनश्याम सिंह कुमावत ने छठा, पहली बार राष्ट्रीय प्रतियोगिता में

हिस्सा लेने वाले पंकज टाटीवाल ने 390 सही निशानों की सहायता से ग्यारहवां स्थान हासिल किया। सचिन कुमार जोधा और उत्तम समान 389 अंकों के साथ क्रमशः 12 वां व तेरहवें स्थान पर रहे।

During Pre National North Zone India Shooting Championship 2021, Jaipur, Rajasthan

During Selection Trials Matches for National Shooting Squad at Dr. Karni Singh Shooting Range, New Delhi, March 2022

Fun Corner

Complete the crossword puzzle below

Across

2. Gives accurate bill readings and access to real-time data of their electricity usage

4. EESL's largest non-subsidy based LED lighting program in the world

6. Devices that enable energy from renewables, like solar and wind, to be stored and then released when customers need power most

8. An inspection and analysis of energy flows in a building with the objective of understanding the energy efficiency.

9. An instrument that represents ownership of one metric tonne of carbon dioxide equivalent that can be traded, sold or retired

10. India holds the Presidency of this summit from December 1, 2022 to November 30, 2023.

Down

1. A system which allows for more optimal use of renewable energy as well as combined heat and power, reduces fossil fuel use and increaseseco-efficiency.

3. These ACs provides 1.5-TR cooling capacity at high ambient temperature while also reducing the cost of cooling by 50%

5. This sets minimum energy standards for commercial buildings having a connected load of 100kW or contract demand of 120 KVA and above

7. The shift toward battery-powered electric vehicles from internal combustion engine (ICE) vehicles

Space

December crossword puzzle Answers

1. Renewable
2. CCMS
3A. Electrification
3B. Efficiency
4. Peak demand
5. Decentralized
6. LED
7. Distribution
8. BLDC
9. Sustainability

Top Energy Trends from India & across the globe

Asia will consume half of the world's electricity by 2025 and India will lead in percentage growth: IEA

Global electricity demand is set to grow at an accelerated pace and Asia will account for half of the world's electricity consumption by 2025, the International Energy Agency (IEA) has said. More than 70 percent of the growth in global electricity demand is set to come from developing economies, led by China, India and Southeast Asia. Of these countries, China is expected to lead in absolute growth with an increase of 58 TWh from 2022 to 2025, while India is set to have the highest percentage growth with an increase of 81 percent, IEA said. It is interesting to note that India's electricity demand grew at a much faster rate than China's in 2022, which could be due to a variety of factors, including population growth, economic expansion, and increasing urbanisation.

India to blacklist renewable firms for missing project deadlines

India will exclude renewable power companies from government contracts for between three and five years if they do not meet project completion deadlines. "If any renewable energy project is not completed by the prescribed date of completion, then its bank guarantee should be encashed and the developer blacklisted after asking to show cause," the order issued by the new and renewable energy ministry said. So far India has not blacklisted any company from renewable energy generation contracts for delays, but the government order said the blacklisting was in accordance with the government's General Financial Rules and would apply to all tenders. India needs to install more than 40 gigawatts of capacity annually - about 2.5 times the rate of addition in 2022 - to achieve its commitment to increase its non-fossil fuel capacity to 500 gigawatts by 2030. Renewable energy installations have been hit by disruptions in equipment supply in recent months, due to heavy import duties on solar equipment, industry officials say.

India leads G20 countries in climate change mitigation, US, Canada trail far behind: Report

A study published by Observer Research Foundation has shared a report on climate change mitigation among the Group of 20 countries, wherein it was shown that India and Italy lead the race, followed by Indonesia and United Kingdom. "The G20 economies account for the largest share of global wealth and therefore possess the financial wherewithal to spearhead the green transition required to limit the rise in global temperature to 1.5 degrees Celsius" the ORF Report states. According to the analysis, India scored a 0.76 in Climate Action Performance Index, which measures the climate change action taken up by any country, wherein 1 is the maximum score.

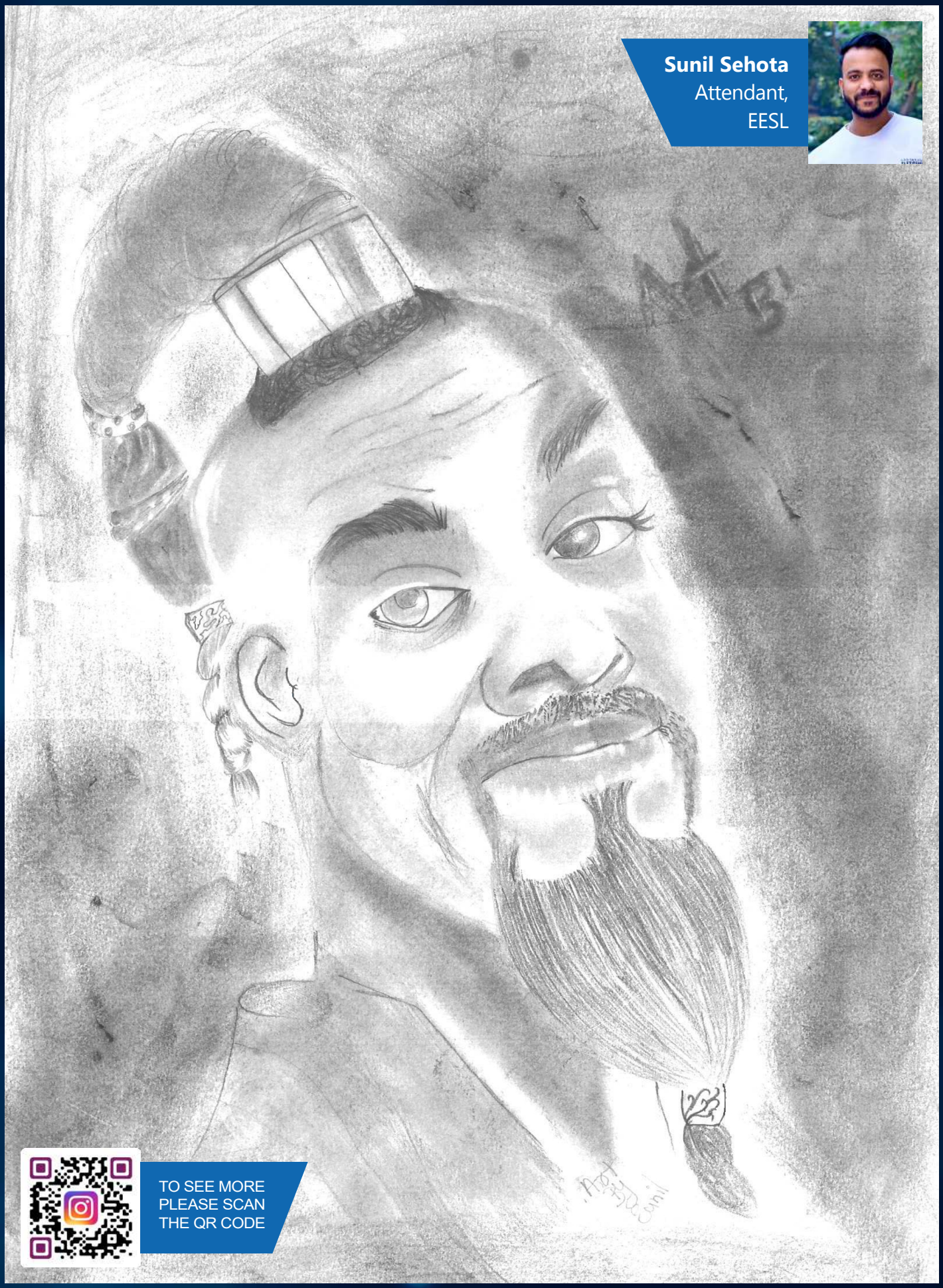
Mobilize resources and partnerships for transformative approach to climate action: Sultan Al Jaber

There is a need to mobilize resources and partnerships towards a bold and transformative approach to climate action, said Sultan Al Jaber, COP 28 UAE President-Designate. Recognizing Prime Minister Narendra Modi's leadership as guiding India on its path to a sustainable future, Jaber said that UAE supports India's G20 focus on transformative action towards a cleaner, greener, and bluer future, with just and equitable growth for all. The President-designate further said that the UAE takes on the role of COP 28 with humility, a deep sense of responsibility and great sense of urgency. "UAE is committed to the Paris Agreement goal of limiting global temperature rise to 1.5 degrees Celsius." He stressed that the goal of keeping 1.5 alive is non-negotiable. "It is clear that business as usual won't get us there. We need a paradigm shift in our approach to mitigation, adaptation, finance, and loss and damage."

Managing risk profile of power plants is a must for investments to continue in renewable energy sector: report

The risk profile of power plants must be managed to continue the trend of capital investment in the domestic renewable energy sector, a report said on Wednesday. Trends such as inflation, issues related to costing and supply chains are impacting the renewable energy industry, making the current business environment a challenging one for risk managers, the WTW report said. Despite the challenges, the renewable energy outlook in Asia remains promising, with significant capital injection expected into the sector. In India also, the renewable energy (RE) sector has seen an influx of capital investment, the report titled 'Renewable Energy Market Review 2023' said. The report further said that floating solar has gained traction and will play an important role in the energy transition of countries such as China, India and South Korea.

Employee Corner



Sunil Sehota
Attendant,
EESL

TO SEE MORE
PLEASE SCAN
THE QR CODE

Employee Corner

Fareen Choudhary
Visualizer,
EESL

TO SEE MORE
PLEASE SCAN
THE QR CODE

11th Century statue of Lord Vishnu

Monthly Highlights

EESL India @EESL_India · Jan 24

We recently hosted an awareness session on #renewable energy & #energyefficient technologies for more than 50 middle school students coming from resource-poor backgrounds, enrolled at the Prerna School, Moti Bagh, #Delhi @MinOfPower @OfficeOfRKSingh @CEO_EESL @ADB_HQ @WePowerN

1 3 9

EESL India @EESL_India · Jan 17

In recent years, India has made significant strides in promoting sustainable mobility. As #ElectricVehicles take centre stage at #AutoExpo2023, our @CEO_EESL recently visited the @TataMotors #MovingIndia pavilion. @ConvergenceCESL @MinOfPower @OfficeOfRKSingh

> **Tata Motors** @TataMotors
>
> Mr. Vishal Kapoor, CEO, Energy Efficiency Services Ltd. (EESL) visited the Tata Motors Moving India pavilion to further growth in sustainable mobility. Visit #TataMotors at the #AutoExpo2023 to experience how we are #MovingIndia towards a safer, smarter and greener tomorrow.

EESL India @EESL_India · Jan 13

We have partnered with @usaid_india to facilitate greater adoption of #ElectricVehicles through accelerated deployment of charging infrastructure in India. @USAIDIndiaMD @USAIDAsiaHQ @SAsiaEnergyHub @CEO_EESL @MishraaAnimesh @NitinBh31008485 @Girja_eesl @ConvergenceCESL

6 13 32

EESL India @EESL_India · Jan 10

Our Head (Sales & PR), Mr. @MishraaAnimesh along with Senior Manager (Sales & PR) Mr. @NitinBh31008485 met with Mr. @AChandr25272387, MD & CEO, APSEEDCO. They discussed various opportunities to expand #energyefficiency initiatives in #AndhraPradesh. @MinOfPower @CEO_EESL

1 23

EESL India @EESL_India · Jan 5

Hon'ble Min of State for Power & Heavy Industries, Shri Krishan Pal Gurjar, extends his heartfelt wishes on 8 years of our #UJALA & #SLNP. His support & guidance have been invaluable. @KPGBJP @MinOfPower @OfficeOfRKSingh @CEO_EESL @PIB_India @power_pib @MishraaAnimesh

1 23 44

EESL India @EESL_India · Dec 16

Today we're celebrating the 8th Anniversary of our #UJALA and #StreetLightingNationalProgramme. These programmes have fundamentally changed how #LED lighting is perceived in the country, making them affordable & accessible to all. @MinOfPower @OfficeOfRKSingh @CEO_EESL @KPGBJP

1 1 13

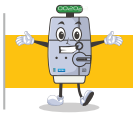
LOHRI CELEBRATION AT EESL OFFICE

RAISING DAY

@INDIA ENERGY WEEK

नेशनल मोटर रिप्लेसमेंट प्रोग्राम
National Motor Replacement Programme
(NMRP)

स्मार्ट मीटर नेशनल प्रोग्राम
Smart Meter National Programme
(SMNP)



नेशनल ई-मोबिलिटी प्रोग्राम
National E-Mobility Programme
(EV)

January 2023 पौष-माघ २०७९

Mon सोमवार	Tue मंगलवार	Wed बुधवार	Thu गुरुवार	Fri शुक्रवार	Sat शनिवार	Sun रविवार
30 नवमी	31 दशमी					1 दशमी (शुक्ल)
2 एकादशी	3 द्वादशी	4 त्रयोदशी	5 चतुर्दशी	6 पूर्णिमा	7 प्रतिपदा (कृष्ण)	8 द्वितीया
9 द्वितीया	10 तृतीया	11 चतुर्थी	12 पंचमी	13 षष्ठी	14 सप्तमी	15 अष्टमी
16 नवमी	17 दशमी	18 एकादशी	19 द्वादशी	20 त्रयोदशी एवं चतुर्दशी	21 अमावस्या	22 प्रतिपदा (शुक्ल)
23 द्वितीया	24 तृतीया	25 चतुर्थी	26 पंचमी	27 षष्ठी	28 सप्तमी	29 अष्टमी

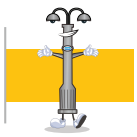
February 2023 माघ-फाल्गुन २०७९

Mon सोमवार	Tue मंगलवार	Wed बुधवार	Thu गुरुवार	Fri शुक्रवार	Sat शनिवार	Sun रविवार
		1 एकादशी	2 द्वादशी	3 त्रयोदशी	4 चतुर्दशी	5 पूर्णिमा
6 प्रतिपदा (कृष्ण)	7 द्वितीया	8 तृतीया	9 चतुर्थी	10 चतुर्थी	11 पंचमी	12 षष्ठी
13 सप्तमी	14 अष्टमी	15 नवमी एवं दशमी	16 एकादशी	17 द्वादशी	18 त्रयोदशी	19 चतुर्दशी
20 अमावस्या	21 प्रतिपदा (शुक्ल)	22 तृतीया	23 चतुर्थी	24 पंचमी	25 षष्ठी	26 सप्तमी
27 अष्टमी	28 तृतीया					

March 2023 फाल्गुन-चैत्र २०७९-२०८०

Mon सोमवार	Tue मंगलवार	Wed बुधवार	Thu गुरुवार	Fri शुक्रवार	Sat शनिवार	Sun रविवार
		1 दशमी	2 एकादशी	3 एकादशी	4 द्वादशी	5 त्रयोदशी
6 चतुर्दशी	7 पूर्णिमा	8 प्रतिपदा (कृष्ण)	9 द्वितीया	10 तृतीया	11 चतुर्थी	12 पंचमी
13 षष्ठी	14 सप्तमी	15 अष्टमी	16 नवमी	17 दशमी	18 एकादशी	19 द्वादशी एवं त्रयोदशी
20 चतुर्दशी	21 अमावस्या	22 प्रतिपदा (शुक्ल)	23 द्वितीया	24 तृतीया	25 चतुर्थी	26 पंचमी
27 षष्ठी	28 सप्तमी	29 अष्टमी	30 नवमी	31 दशमी		

स्ट्रीट लाइटिंग नेशनल प्रोग्राम
Street Lighting National Programme
(SLNP)



एग्रीकल्चर डिमांड साइड मैनेजमेंट प्रोग्राम
Agriculture Demand Side Management Programme
(AgDSM)

बिल्डिंग एनर्जी एफिशिएंसी प्रोग्राम
Building Energy Efficiency Programme
(BEEP)

April 2023 चैत्र-वैशाख २०८०

Mon सोमवार	Tue मंगलवार	Wed बुधवार	Thu गुरुवार	Fri शुक्रवार	Sat शनिवार	Sun रविवार
					1 एकादशी	2 द्वादशी
3 द्वादशी	4 त्रयोदशी	5 चतुर्दशी	6 पूर्णिमा	7 प्रतिपदा (कृष्ण)	8 द्वितीया	9 तृतीया
10 चतुर्थी	11 पंचमी, षष्ठी	12 सप्तमी	13 अष्टमी	14 नवमी	15 दशमी	16 एकादशी
17 द्वादशी	18 त्रयोदशी	19 चतुर्दशी	20 अमावस्या	21 प्रतिपदा (शुक्ल)	22 द्वितीया	23 तृतीया
24 चतुर्थी	25 पंचमी	26 षष्ठी	27 सप्तमी	28 अष्टमी	29 नवमी	30 दशमी

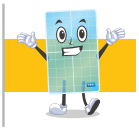
May 2023 वैशाख-ज्येष्ठ २०८०

Mon सोमवार	Tue मंगलवार	Wed बुधवार	Thu गुरुवार	Fri शुक्रवार	Sat शनिवार	Sun रविवार
1 एकादशी	2 द्वादशी	3 त्रयोदशी	4 चतुर्दशी	5 पूर्णिमा	6 प्रतिपदा (कृष्ण)	7 द्वितीया
8 तृतीया	9 चतुर्थी	10 पंचमी	11 षष्ठी	12 सप्तमी	13 अष्टमी, नवमी	14 दशमी
15 एकादशी	16 द्वादशी	17 त्रयोदशी	18 चतुर्दशी	19 अमावस्या	20 प्रतिपदा (शुक्ल)	21 द्वितीया
22 तृतीया	23 चतुर्थी	24 पंचमी	25 षष्ठी	26 सप्तमी	27 सप्तमी	28 अष्टमी
29 नवमी	30 दशमी	31 एकादशी				

June 2023 ज्येष्ठ २०८०

Mon सोमवार	Tue मंगलवार	Wed बुधवार	Thu गुरुवार	Fri शुक्रवार	Sat शनिवार	Sun रविवार
			1 द्वादशी	2 त्रयोदशी	3 चतुर्दशी	4 पूर्णिमा
5 प्रतिपदा (कृष्ण)	6 तृतीया	7 चतुर्थी	8 पंचमी	9 षष्ठी	10 सप्तमी	11 अष्टमी
12 नवमी	13 दशमी	14 एकादशी	15 द्वादशी	16 त्रयोदशी	17 चतुर्दशी	18 अमावस्या
19 प्रतिपदा (शुक्ल)	20 द्वितीया	21 तृतीया	22 चतुर्थी	23 पंचमी	24 षष्ठी	25 सप्तमी
26 अष्टमी	27 नवमी	28 दशमी	29 एकादशी	30 द्वादशी		

डिसेंट्रलाइज्ड सोलर पावर प्लांट प्रोग्राम
Decentralized Solar Power Plant Programme
(DSPPP)



उन्नत ज्योति बाय अफोर्डेबल एलईडीस फोर ऑल (उजाला)
Unnat Jyoti by Affordable LEDs for All
(UJALA)

इलेक्ट्रिक व्हीकल्स चार्जिंग इंफ्रास्ट्रक्चर
Electric Vehicles Charging Infrastructure
(EVCI)

July 2023 श्रावण- २०८०

Mon सोमवार	Tue मंगलवार	Wed बुधवार	Thu गुरुवार	Fri शुक्रवार	Sat शनिवार	Sun रविवार
31 त्रयोदशी चतुर्दशी					1 त्रयोदशी	2 चतुर्दशी
3 पूर्णिमा	4 प्रतिपदा (कृष्ण)	5 द्वितीया	6 तृतीया,चतुर्थी	7 पंचमी	8 षष्ठी	9 सप्तमी
10 अष्टमी	11 नवमी	12 दशमी	13 एकादशी	14 द्वादशी	15 त्रयोदशी	16 चतुर्दशी
17 अमावस्या	18 प्रतिपदा (शुक्ल)	19 द्वितीया	20 तृतीया	21 तृतीया	22 चतुर्थी	23 पंचमी
24 षष्ठी	25 सप्तमी	26 अष्टमी	27 नवमी	28 दशमी	29 एकादशी	30 द्वादशी

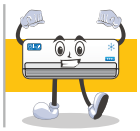
August 2023 श्रावण-भाद्रपद २०८०

Mon सोमवार	Tue मंगलवार	Wed बुधवार	Thu गुरुवार	Fri शुक्रवार	Sat शनिवार	Sun रविवार
	1 पूर्णिमा	2 प्रतिपदा (कृष्ण)	3 द्वितीया	4 तृतीया	5 चतुर्थी	6 पंचमी,षष्ठी
7 सप्तमी	8 अष्टमी	9 नवमी	10 दशमी	11 एकादशी	12 एकादशी	13 द्वादशी
14 त्रयोदशी	15 चतुर्दशी	16 अमावस्या	17 प्रतिपदा (शुक्ल)	18 द्वितीया	19 तृतीया	20 चतुर्थी
21 पंचमी	22 षष्ठी	23 सप्तमी	24 अष्टमी	25 नवमी	26 दशमी	27 एकादशी
28 द्वादशी	29 त्रयोदशी	30 चतुर्दशी	31 पूर्णिमा			

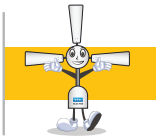
September 2023 भाद्रपद-आश्विन २०८०

Mon सोमवार	Tue मंगलवार	Wed बुधवार	Thu गुरुवार	Fri शुक्रवार	Sat शनिवार	Sun रविवार
				1 द्वितीया (कृष्ण)	2 तृतीया	3 चतुर्थी
4 पंचमी	5 षष्ठी	6 सप्तमी	7 अष्टमी	8 नवमी	9 दशमी	10 एकादशी
11 द्वादशी	12 त्रयोदशी	13 चतुर्दशी	14 अमावस्या	15 अमावस्या	16 प्रतिपदा (शुक्ल)	17 द्वितीया
18 तृतीया	19 चतुर्थी	20 पंचमी	21 षष्ठी	22 सप्तमी	23 अष्टमी	24 नवमी
25 दशमी, एकादशी	26 द्वादशी	27 त्रयोदशी	28 चतुर्दशी	29 पूर्णिमा	30 प्रतिपदा (कृष्ण)	

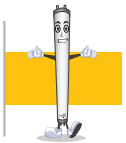
सुपर-एफिशिएंट एअर-कंडीशनिंग प्रोग्राम
Super-Efficient Air-Conditioning Programme
(SEACP)



बीएलडीसी फैन
BLDC Fan



उन्नत ज्योति बाय अफोर्डेबल एलईडीस फोर ऑल (उजाला)
Unnat Jyoti by Affordable LEDs for All
(UJALA)



October 2023 आश्विन-कार्तिक- २०८०

Mon सोमवार	Tue मंगलवार	Wed बुधवार	Thu गुरुवार	Fri शुक्रवार	Sat शनिवार	Sun रविवार
30 द्वितीया	31 तृतीया					1 द्वितीया
2 तृतीया,चतुर्थी	3 पंचमी	4 षष्ठी	5 सप्तमी	6 सप्तमी	7 अष्टमी	8 नवमी
9 दशमी	10 एकादशी	11 द्वादशी	12 त्रयोदशी	13 चतुर्दशी	14 अमावस्या	15 प्रतिपदा (शुक्ल)
16 द्वितीया	17 तृतीया	18 चतुर्थी	19 पंचमी	20 षष्ठी	21 सप्तमी	22 अष्टमी
23 नवमी	24 दशमी	25 एकादशी	26 द्वादशी	27 त्रयोदशी चतुर्दशी	28 पूर्णिमा	29 प्रतिपदा(कृष्ण)

November 2023 कार्तिक-मार्गशीष २०८०

Mon सोमवार	Tue मंगलवार	Wed बुधवार	Thu गुरुवार	Fri शुक्रवार	Sat शनिवार	Sun रविवार
		1 चतुर्थी	2 पंचमी	3 षष्ठी	4 सप्तमी	5 अष्टमी
6 नवमी	7 दशमी	8 दशमी	9 एकादशी	10 द्वादशी	11 त्रयोदशी	12 चतुर्दशी
13 अमावस्या	14 प्रतिपदा (शुक्ल)	15 द्वितीया	16 तृतीया	17 चतुर्थी	18 पंचमी	19 षष्ठी,सप्तमी
20 अष्टमी	21 नवमी	22 दशमी	23 एकादशी	24 द्वादशी	25 त्रयोदशी	26 चतुर्दशी
27 पूर्णिमा	28 प्रतिपदा (कृष्ण)	29 द्वितीया	30 तृतीया			

December 2023 मार्गशीष-पौष २०८०

Mon सोमवार	Tue मंगलवार	Wed बुधवार	Thu गुरुवार	Fri शुक्रवार	Sat शनिवार	Sun रविवार
				1 चतुर्थी	2 पंचमी	3 षष्ठी
4 सप्तमी	5 अष्टमी	6 नवमी	7 दशमी	8 एकादशी	9 द्वादशी	10 द्वादशी
11 त्रयोदशी, चतुर्दशी	12 अमावस्या	13 प्रतिपदा (शुक्ल)	14 द्वितीया	15 तृतीया	16 चतुर्थी	17 पंचमी
18 षष्ठी	19 सप्तमी	20 अष्टमी	21 नवमी	22 दशमी	23 एकादशी, द्वादशी	24 त्रयोदशी
25 चतुर्दशी	26 पूर्णिमा	27 प्रतिपदा (कृष्ण)	28 द्वितीया	29 द्वितीया	30 तृतीया	31 चतुर्थी

Gazetted HOLIDAYS

January
26th Republic Day

March
8th Holi
30th Ram Navami

April
4th Mahaveer Jayanti
7th Good Friday
22nd Id-ul-Fitr

May
5th Buddha Purnima

June
29th Id-uz-Zuha

July
29th Muharram

August
15th Independence Day

September
7th Janmashtami
28th Eid-Milad-un-Nabi

October
2nd M. G. Jayanti
24th Dusehra

November
12th Diwali
27th Gurunanak Birthday

December
25th Christmas Day

Restricted HOLIDAYS

January
1st New Year
14th Makar Sankranti / Magha Bihu
15th Pongal
26th Basant Panchami

February
5th Hazarat Ali's Birthday / Guru Ravi Das's Birthday
15th Swami Dayananda Saraswati Jayanti
18th Maha Shivratri
19th Shiva ji Jayanti

March
7th Holika Dahan
22nd Chaitra Sukladi / Gudi Padava / Ugadi / Cheti Chand

April
9th Easter
14th Vaisakhi / Vishu / Meshadi
15th Vaisakhadi (Bengali) / Bahag Bihu (Assam)
21st Jamat-Ul-Vida

May
9th Guru Rabindranath's Birthday

June
20th Rath Yatra

August
16th Parsi New Year
20th Vinayaka Chaturthi
29th Onam or Thiru Onam
30th Raksha Bandhan

September
6th Janmashtami (Smarta)
19th Ganesh Chaturthi

October
21st Dussehra (Saptami)
22nd Dussehra (Mahashtami)
23rd Dussehra (Mahanavmi)
28th Maharishi Valmiki's Birthday

November
1st Karaka Chaturthai (karwa Chauth)
12th Naraka Chaturdasi
13th Govardhan Puja
15th Bhai Duj
19th Chhat Puja
24th Guru Teg Bahadur's Martyrdom Day

December
24th Christmas Eve

Important DAYS

February
11th EESL's Raising Day

April
22nd World Earth Day

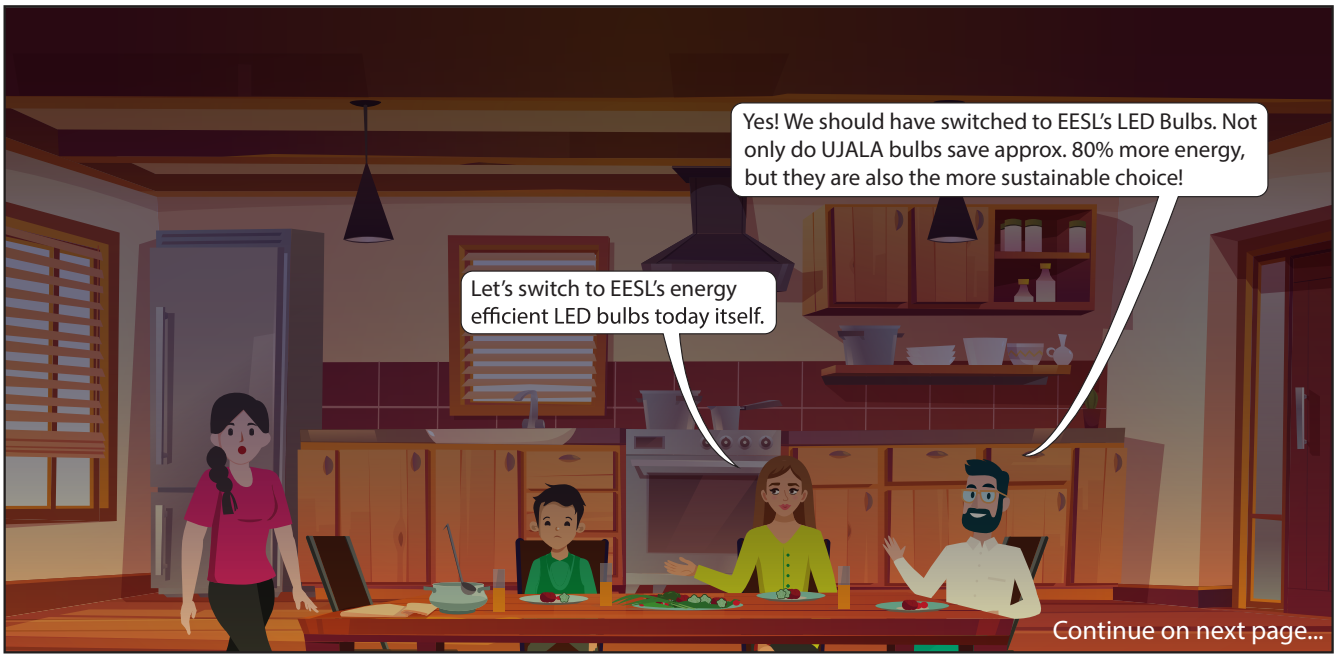
June
5th World Environment Day

September
9th World EV Day
22nd World Energy Storage Day

December
10th EESL Incorporation Day
14th National Energy Conservation Day

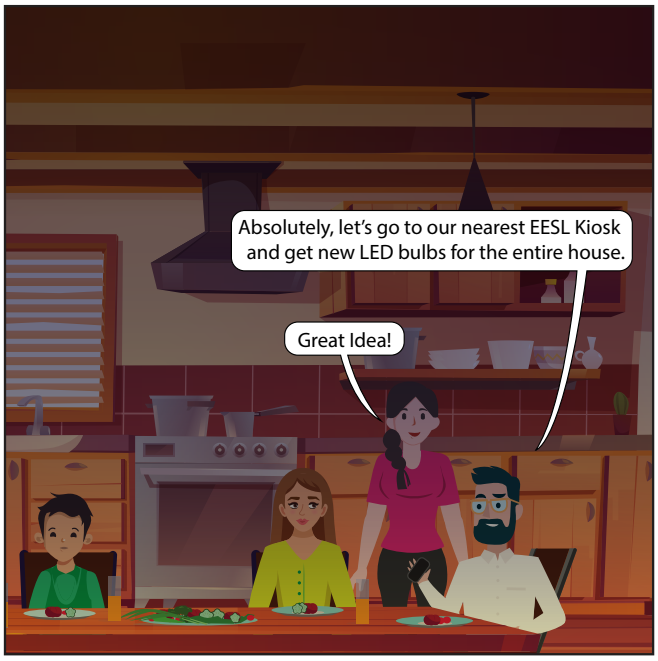
Corporate Office: 5th, 6th & 7th Floor, CORE – III, Scope Complex, 7 - Lodhi Road, New Delhi – 110003, Phone: 011-45801260, **Website:** www.eeslindia.org

ENERGY EFFICIENCY SERVICES LIMITED
A JV of PSUs under the Ministry of Power



Before **SLNP** and **UJALA** Programme

ENERGY EFFICIENCY SERVICES LIMITED
A JV of PSUs under the Ministry of Power



After **SLNP** and **UJALA** Programme

INTERNATIONAL YEAR OF MILLETS 2023

https://www.mygov.in/campaigns/millets/

"India is honoured to be at the forefront of popularising Millets. Millet consumption furthers nutrition, food security and welfare of farmers"

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For more information, please contact us:

Energy Efficiency Services Limited (EESL)

5th, 6th & 7th Floor, Core -III, Scope Complex,
7 - Lodhi Road, New Delhi - 110003

Phone: 011-45801260
Website: www.eeslindia.org

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