

INDIAN RAILWAYS PIONEERS SOLAR POWER BETWEEN TRACKS



In a landmark move towards sustainability, Indian Railways has unveiled the country's first removable solar panel system installed between active railway tracks at the Banaras Locomotive Works (BLW) in Varanasi. This innovative project marks a new chapter in utilizing existing railway infrastructure for renewable energy generation without requiring additional land.

The pilot installation covers a stretch of 70 meters with 28 bifacial monocrystalline solar panels, delivering a combined capacity of 15 kWp. Designed for efficiency and durability, these panels boast over 21% efficiency and can generate nearly 880 units of clean electricity per kilometer per day. With Indian Railways spanning more than 1.2 lakh kilometers, the potential energy yield from scaling this model is immense—over 3.21 lakh units per km annually.

The panels are securely mounted using rubber pads and epoxy adhesive to withstand vibrations from trains, while their detachable design allows for easy maintenance through quick removal with just four bolts. This ensures that operations remain uninterrupted while maximizing solar output.

Officials describe the project as a “historic first” and a game-changer in renewable energy utilization. By exploring innovative methods like track-mounted solar systems, Indian Railways is reinforcing its commitment to achieving net-zero carbon emissions by 2030.

This forward-looking initiative not only reflects India's growing leadership in renewable energy but also showcases how existing public infrastructure can be transformed into green assets—paving the way for a cleaner, more sustainable future.

INDEPENDENCE DAY 2025

CELEBRATING FREEDOM WITH SUSTAINABILITY



Wattsun and Green Factory proudly celebrated Independence Day with great enthusiasm and unity, bringing together employees, partners, and well-wishers under one flag. The event began with the hoisting of the National Flag by our Founder & CEO, Mr. Terance Alex. As the tricolor unfurled against the bright morning sky, the atmosphere was filled with patriotic pride, reminding everyone of the sacrifices made for our freedom and the responsibility we carry towards building a better tomorrow.

Following the flag hoisting, Mr. Terance Alex addressed the gathering with words of encouragement and inspiration, highlighting the importance of commitment, unity, and responsibility—values that not only guide our nation but also resonate deeply within both organizations.

To add to the joy of the day, sweets were distributed among everyone present, creating a sense of warmth, togetherness, and shared celebration. The cheerful faces reminded us that Independence Day is not only about honoring the past but also about celebrating the strength of community and teamwork.

As part of the program, a special training session was organized to strengthen employee knowledge and align the team with the company's mission. The celebrations concluded with a delightful lunch hosted by the company, where colleagues shared moments of bonding beyond work, making the day both memorable and meaningful.

This Independence Day was more than just a celebration of freedom—it was a reminder of our shared journey and renewed commitment to building a sustainable and brighter future for our nation.

TRAINING SESSION

EMPOWERING MINDS WITH KNOWLEDGE



Following the Independence Day celebrations, our team came together for a special training session aimed at strengthening both technical knowledge and customer-focused skills. The session was led by Akhil Rajan (Area Sales Manager – Green Factory), who took the team through important topics including the fundamentals of on-grid solar systems, the differences between string inverters and microinverters, and a detailed look at the innovative Jio Sparq Microinverter.

The session became even more insightful with contributions from leadership and senior members. Mr. Terance Alex (Founder & CEO), Ms. Sreeja Sureshkumary (CEO – Green Factory), Mr. Aslam A.S. (CTO), Mr. Bijil (Senior Sales Engineer), and Mr. Raghul M (Area Sales Manager - Karnataka) shared their perspectives, blending technical expertise with practical strategies. Their inputs highlighted not only the importance of product knowledge but also the mindset needed to approach customers as trusted consultants rather than just sales people.

The interactive discussions encouraged active participation and fresh thinking, with employees sharing how the insights would help them improve in their roles. To round off the session, a self-introduction round was held for new members who recently joined the company, creating a platform for everyone to connect and build stronger team spirit.

Overall, the training proved to be both informative and inspiring—combining technical learning, practical wisdom, and collaborative energy—further empowering the team to move forward with confidence in delivering sustainable energy solutions.



CLEAN ENERGY FOCUS AT KHRA EVENT



Our team was invited to present on the future of sustainable energy at KHRA Bhavan. Mr. Terance Alex led the session, highlighting the importance of solar energy and the growing role of EV charging infrastructure in India's clean energy journey.

The presentation showcased True Power by JioThings, featuring its range of EV chargers along with a user-friendly consumer app for real-time monitoring, booking, payments, and support. Participants were also introduced to the advanced Charging Management Software that simplifies operations, billing, and reporting.

The session drew strong interest from the hospitality industry, underlining the increasing shift towards smart, sustainable energy adoption.

LATEST COMPLETED PROJECTS - UNDER PM SURYA GHAR



3 kWp On-Grid Solar Power Plant
Mr. Joby, Kottayam



5 kWp On-Grid Solar Power Plant
Mr. George, Thrippunitura, Ernakulam



5 kWp On-Grid Solar Power Plant
Mr. Shaju, Thrissur



5 kWp On-Grid Solar Power Plant
Ms. Jalajakumari, Paravoor, Kollam