

SEHER

OCTOBER 2025 – EDITION 71



A **VEDANTA POWER** MONTHLY DIGEST



Turn the page to learn to how TSPL is helping prevent stubble burning all over Punjab →



Operational Excellence

One Click, One View: Vedanta Power Unveils the Group's First Government-Integrated Centralized Dashboard



Vedanta Power introduced its **first-ever Centralized Dashboard**, integrating real-time data from government platforms NLDC, SLDCs, and IEX into one unified digital interface, a first for Vedanta Group. The dashboard enhances operational visibility, accelerates decision-making, and connects performance insights across Meenakshi Energy Ltd (MEL), Talwandi Sabo Power Ltd (TSPL) and Vedanta Ltd. Chhattisgarh Thermal Power Plant (VLCTPP) at a single click. The launch marks a significant leap toward digitally empowered, data-driven power operations.



Turning Stubble into Sustainability: TSPL's Biomass Model Earns International Acclaim from ICC

TSPL has been recognized by the global body **International Chamber of Commerce (ICC)** for its breakthrough biomass initiative that converts agricultural residue into clean energy.

Featured in ICC's publication titled "The Last Straw: India's Burning Fields Turn into an Energy Opportunity," the story authored by **Gaurav Sarup, Chief Sustainability Officer, Vedanta Group** highlights TSPL's leadership in tackling Punjab's stubble-burning challenge.

By turning crop waste into biofuel, TSPL has set a **global benchmark in circular economy and decarbonization**, exemplifying Vedanta's vision of powering progress through sustainable innovation.



The last straw: India's burning fields turn into an ENERGY OPPORTUNITY



Gaurav Sarup
Chief Sustainability Officer
Vedanta Limited





Sustainability & Community Initiatives

From Fields to Future: TSPL Strengthens Sustainable Farming through Mega Awareness Drive



TSPL organized a **Mega Awareness Camp on Stubble Burning Prevention and Paddy Straw Management** under its flagship CSR initiative, Navi Disha, at **Village Raipur, Mansa**.

Over **270 farmers from 13 villages**, including Raipur, Moosa, and Banawala, participated in interactive sessions led by senior agricultural officials **Harpreet Pal Kaur, Chief Agriculture Officer, Mansa District** and **Pankaj Sharma, CEO, TSPL**. Through Navi Disha, TSPL is helping farmers adopt **sustainable residue management practices** and turn crop waste into clean energy creating both **environmental and economic value**.

Building on last year's milestone of **saving 20,000 acres of farmland** and **recycling 8 lakh tons of paddy residue**, the initiative now aims to **expand its reach to 27,000 acres**, deepening its impact and driving Punjab closer to a **future free from stubble burning**.

Growing Smarter Futures: TSPL Showcases Sustainable Farming at Kisan Mela



Continuing its efforts to promote environmentally responsible agriculture farming in Punjab, TSPL championed practical, eco-friendly alternatives to stubble burning at the **Kisan Mela** organized by **Krishi Vigyan Kendra, Bathinda**. Farmers from TSPL's CSR program **Navi Disha**, displayed innovative produce and sustainable techniques, generating sales of nearly **₹20,000**.

From Local Hands to Lasting Impact: MEL Supports Women Entrepreneurs



MEL offered women from the **Polerammathalli Self-Help Group** a platform to showcase handmade snacks, soaps, spices, diyas, pulses, & papads, each crafted with care & pride.

Supported by women-led enterprises **Krishnapatnam Farmers Produce Company Limited** and **Nutricart Enterprises**, the initiative offered more than a platform, it offered recognition.

Employees showed up in full spirit, buying local and backing sustainable livelihoods. Sales crossed **₹13,000**, but the real victory was much deeper. It was a day of renewed confidence, stronger voices, and self-reliance taking shape in every home.

From Classrooms to Communities: Vedanta Power Champions Healthy Habits on Global Handwashing Day



Every great change begins with a simple act. On **Global Handwashing Day**, **Vedanta Power** turned awareness into action by empowering children and communities with the habit of clean hands and healthy living. Through awareness sessions at MEL and VLCTPP, the initiative reached schools and villages with an important message that good hygiene starts with one small step.

At **MPPS Varagalli**, MEL's OHC team engaged with students in fun, interactive demonstrations on proper handwashing and personal cleanliness.

Meanwhile, at **VLCTPP's** Medical team led a hygiene drive at two schools in **Odekera village**. Soaps were distributed to **130 students and Anganwadi children**, encouraging regular handwashing habits.

Lighting the Way: MEL Enhances Animal Safety with Reflective Collars



On **World Animal Day**, MEL extended care to the community's four-legged companions by distributing **over 50 reflective collars** to cows, buffaloes, and dogs in villages of **Thamminapattnam and Lingavaram**.

The collars improve night-time visibility on rural roads, helping prevent accidents and ensuring safer coexistence between people and animals.



Healthcare That Reaches Home: VLCTPP Conducts Medical Camp for Community

VLCTPP organized a dedicated **medical camp** in **Singhitirai village**, offering free consultations and essential medicines to **60 residents**. Led by **Dr. Anubha Shrivastava** and the Occupational Health Centre team, the camp addressed common ailments and strengthened access to primary healthcare in remote communities.



Colours with a Cause: VLCTPP Champions Clean Village Creativity



The grounds of **Nimohi Government School** came alive with colour as VLCTPP organised a vibrant Rangoli competition on the theme '*Our Village, CleanVillage*'. Turning art into advocacy, the event encouraged students to creatively spread awareness about cleanliness, responsibility, and community pride. Students from both primary and middle school showcased impressive creativity, with winners receiving medals and certificates.



Health, Safety & People Wellness Initiatives

Fitness Meeting Purpose: Vedanta Power Makes Every Step Count at VDHM 2025



Passion, purpose, and unstoppable energy drove Vedanta Power employees as they joined the #RunForZeroHunger at the Vedanta Delhi Half Marathon 2025 edition.

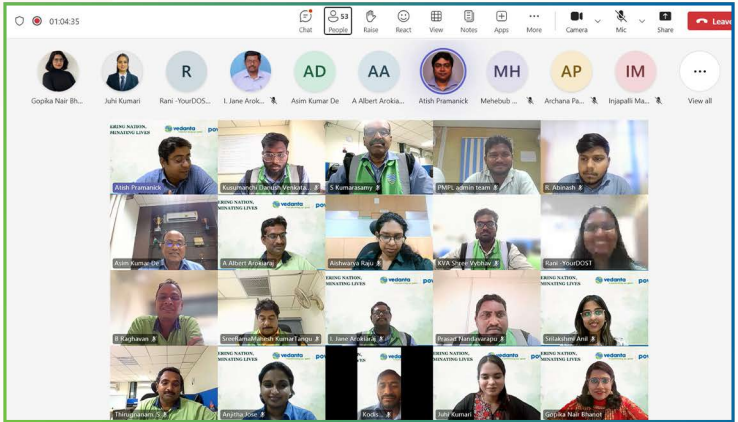
In the lead-up to race day, employees from VLCTPP, TSPL and MEL contributed **1,43,821 km**, **54,539 km**, and **MEL 51,707 km** respectively clocking an impressive **2,50,067 meals** toward the **Zero Hunger** mission.

On the race day, the **21K Half Marathon** was flagged off by **Rajinder Singh Ahuja**, CEO-Power, Vedanta Ltd., alongside **Carl Lewis**, nine-time Olympic gold medalist and VDHM's International Event Ambassador, and **Sarabjot Singh**, Olympic bronze medalist and Indian sport shooter.

Stronger Minds, Stronger Teams: MEL Introduces Emotional Wellness Platform

On **World Mental Health Day**, MEL launched **YourDOST**, Vedanta's emotionally supportive platform offering employees **free, confidential, 24/7 access** to professional counsellors and resources to support their mental well-being. Over **100 employees** attended the interactive launch session on mindfulness and proactive emotional care.

The platform deepens MEL's commitment to a workplace where mental health, resilience, and support are prioritized.



Safety in Every Step: MEL Reinforces Zero Harm Culture through Suraksha Sankalp

This month's **Suraksha Sankalp** brought MEL teams together for a focused safety briefing on incident review, shared learnings, and preventive measures across the plant.

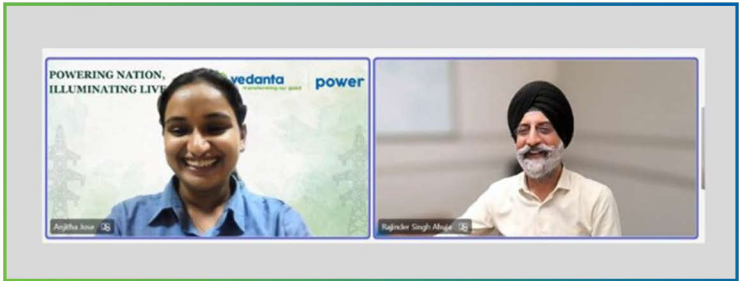
Employees concluded the session with a collective **safety pledge**, reaffirming their commitment to vigilance, responsibility, and MEL's Zero Harm philosophy.





Employee Engagement & Culture

Leadership That Listens: Power Exchange Sparks Meaningful Dialogue Across Vedanta Power



The latest episode of **The Power Exchange** featured a compelling conversation between CEO **Rajinder Singh Ahuja** and **Anjitha Jose**, Lead CSR – MEL. The dialogue explored the evolving landscape of CSR, leadership mindset, adaptability, and long-term impact creation.

The series continues to inspire young professionals by offering valuable, ground-level insights into purpose-driven leadership at Vedanta Power.





Behind the Power

“

Shubham Kumar

Deputy Head Boiler, AHP and Dyke, TSPL

I joined Vedanta about four years ago as a Graduate Engineer Trainee, and since then I have had the opportunity to work across multiple domains of mechanical maintenance like pressure parts, rotary equipment, piping & ducting systems, as well as material handling and ash handling systems. All these led to an exponential increase in learning.

Vedanta has consistently provided immense opportunities for both personal and professional growth. The trust placed by higher management, along with the freedom to drive continuous improvement projects, has helped me develop strong problem-solving and leadership skills. The transparency among departments and the culture of collaboration have further enabled cross-functional learning and broadened my understanding of plant operations.

I am sincerely grateful to Vedanta for offering a platform that has allowed me to enhance my technical expertise and managerial capabilities, and for fostering an environment that encourages innovation, responsibility, and continuous development.



Basim Sheikh

Team Performance & Efficiency, VLCTPP

I joined Vedanta Limited Chhattisgarh Thermal Power Plant in September 2024 as a Post Graduate Engineer Trainee (PGET). From the very beginning, I had the opportunity to contribute to critical commissioning activities, including boiler chemical cleaning, boiler auxiliary commissioning, turbine auxiliary commissioning, unit synchronization, and progressing towards Commercial Operation Date (COD). Following the successful completion of these assignments, I transitioned to the Performance & Efficiency Team, where I am responsible for MIS-based analytical work, daily operational reporting, and supporting initiatives aimed at improving overall plant efficiency.

Vedanta has consistently provided immense opportunities for both personal and professional growth. The trust placed in me by senior management coupled with the freedom to lead and implement continuous improvement projects, has significantly strengthened my technical competence, problem-solving capabilities, and leadership skills. The organizational culture—marked by transparency, cross-functional collaboration, and a strong emphasis on learning—has broadened my understanding of end-to-end plant operations and enriched my professional journey.

I am sincerely grateful to Vedanta for offering a platform that encourages innovation, responsibility, and continuous development, enabling me to build a strong foundation in technical excellence as well as managerial capability.



“

KVA Shree Vybhav

Associate Mechanical, MEL

It's been a year since I began my journey at Meenakshi Energy Limited, Vedanta Power as a Graduate Engineer Trainee, and it has truly been a transformative experience. From day one, I had the opportunity to work across key areas of mechanical maintenance, from pressure parts and rotary equipment to material management, giving me a strong and diverse technical grounding.

Being part of the core Boiler Maintenance team has been especially enriching, allowing me to gain deeper insight into critical plant systems and develop a hands-on understanding of operational excellence.

What has stood out to me the most is the trust and empowerment I've received. Vedanta offers a culture where young engineers are encouraged to take ownership, lead improvement initiatives, and step up to challenges. This freedom has sharpened my problem-solving abilities and shaped my leadership mindset.

The openness across departments and the supportive work environment have also enabled meaningful cross-functional learning, helping me see the plant not just as individual systems, but as one integrated, purpose-driven ecosystem.

I'm truly grateful to Vedanta for fostering an atmosphere of growth, innovation, and continuous learning – and for giving me the platform to evolve both technically and professionally within just one year.





Sustainability Unplugged



We often hear about global climate conferences in the news, but do we truly grasp their impact?

In **Sustainability Unplugged**, we decode the **Conference of Parties (COP)**, the UNFCCC's key decision-making platform that unites nations to act on climate change.

We break down its evolution, from early discussions to the landmark Paris Agreement, and explore how these global commitments drive corporate ESG strategies, emission targets, and sustainable growth across industries.

What is COP (Conference of Parties)?

- ▶ COP is the decision-making body of the UNFCCC, uniting nations to tackle climate change.
- ▶ It reviews global progress, sets emission goals, and promotes climate accountability.
- ▶ Since 1995, COP has shaped key global actions for a sustainable, low-carbon future.

Heard of COP21?

That's when, in Paris 2015, 196 nations united to fight climate change.

- ▶ The Paris Agreement was adopted, a global pact to keep our planet's temperature rise well below 2°C
- ▶ Focus areas are emission reduction, climate finance, and adaptation support for developing nations.

Impact of COP21

- ▶ The Paris Agreement redefined climate policy through transparency, innovation, and global unity.
- ▶ It accelerated renewable energy adoption and corporate net-zero commitments.
- ▶ Businesses worldwide aligned ESG goals with the COP21 sustainability framework.

Vedanta Power's Commitment to COP21

Vedanta Power champions COP21 goals through measurable sustainability actions.

- ▶ **TSPL:** GHG emissions at 0.860 tCO₂e/MWh, 91% ash utilization, and 24.43% water recycling in Q1FY2026 | 20,000 tree plantations targeted in a year.
- ▶ **MEL:** Absolute GHG Emissions at 0.42 million tCO₂e, 85,000 tCO₂ reduced and 100% ash utilization in Q1FY2026 | 60,000 tree plantation targeted in a year.
- ▶ **VLCTPP:** Targetted planting of 60,000 trees by FY2026 using the Miyawaki method framework.





Guess Watt

1. What is the primary focus of TSPL's Biomass Initiative, recognized by the International Chamber of Commerce (ICC)?

- A) Developing new thermal power technologies
- B) Converting agricultural residue into biofuel to promote clean energy
- C) Increasing coal-based energy production in Punjab
- D) Expanding urban infrastructure in rural areas

2. How many meals did Vedanta Power collectively contribute to in VHDM 2025 edition?

- A) 1,43,821
- B) 54,539
- C) 51,707
- D) 2,50,067

3. What was the primary objective of Meenakshi Energy Limited's initiative with the Polerammathalli SHG?

- A) To distribute hygiene kits in villages
- B) To promote rural entrepreneurship and women-led businesses
- C) To conduct a Rangoli competition for students
- D) To organize a marathon for fitness awareness

4. On Global Handwashing Day, which activity was organized by Vedanta Power to promote hygiene among school children and local communities?

- A) Distribution of school uniforms
- B) Awareness sessions on proper handwashing and cleanliness
- C) Tree plantation drives
- D) Sports competitions for students

Ready to Put Your Power Trivia Skills to the Test?

Think you can outsmart the rest and race to the top? Get all answers right and be among the three fastest to earn a special feature in the next edition of **SEHER!**

Send your responses to: power.communications@vedanta.co.in

Before you dive into this week's challenge, here's a quick rewind to
Guess Watt – SEHER Edition 70:

1. C | 2. B | 3. B | 4. A

A big shout-out to the brilliant minds who nailed it in the last edition!

- 1) Amol Kumar Urkude, Team Member - Fuel Management, VLCTPP
- 2) Krishnendu Das, Team Member - Fuel Management, VLCTPP
- 3) A Seindhan Amuthan, Team Member- CSR, VLCTPP