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Power Plant Summit 2025

CII's Power Plant Summit Champions Efficiency, Sustainability & AI in Thermal Power Sector





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Published Date:	September 17 th 2025	Page No.:	1

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Hyderabad, Sep 16: The 21st edition of the Power Plant Summit, organized by the Confederation of Indian Industry-Green Business Centre (CII - GBC), is taking place on 16th and 17"September 2025 at the Hyderabad International Convention Centre (HICC). This year's theme,"Empowering the Future of Thermal Power: Efficiency, Sustainability, Flexibility and Al,"addresses advancements and critical challenges and advancements in thermal power sector.

Mr. Bidya Nand Jha, Chairman - Power Plant Summit 2025 imperative that the sector should and policy frameworks, we can and Executive Director (Operations), National Thermal Power underscored the importance of reduced emissions." the thermal power sector in to 50% of the total installed ca- his pacity by the end of 2030, the remarked:"Energy efficiency in of Indian thermal power plants is expected to reduce to accomability of RE. With this it becomes gies, operational best practices, supercritical technology, we



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Mr. Y. Rajashekara Reddy, Mr. Praveen Gupta, Member Director (Thermal & Projects), India's energy mix. He said: "With (Thermal), Central Electricity Telangana Power Generation the GOI's plan to increase the Authority (CEA), Ministry of Corporation (TGGENCO) also Renewable Energy installation Power, Government of India,in joined the Summit and shared address, his insights. He noted, "TGGENCO has consistently average Plant Load Factor (PLF) power generation is critical to maintained high Plant Load Fac-India's energy security and en- tors, demonstrating robust O&M vironmental sustainability. By practices and efficient utilization modate the uncertainty and vari- adopting innovative technolo- of resources and by embracing expertise in energy efficiency and

have not only improved efficiency but also reduced emissions, aligning ourselves with the country's sustainability goals."

The inaugural session of Power Plant Summit 2025 also witnessed the official launch of the publication: "Advancing Efficiency, Innovation & Flexibility in Thermal Power - A Manual for Indian Thermal Power Plants." The summit will explore innovative methods to enhance energy efficiency, advance environmental management practices, and enhance flexible operations in thermal power plants. A key focus will be on the integration of automation and artificial intelligence to drive performance improvements and sustainability.

The Power Plant Summit 2025 is being organized in tandem with the 24°CII Energy Efficiency Summit andthe 26th National Energy Awards for Excellence in Energy Management, where India's top-performing power plants will present & showcase their technical & managerial energy management.



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Mr. Praveen Gupta, Member (Thermal), Central Electricity Authority (CEA), Ministry of Power, Government of India, in his address. remarked: Energy efficiency in power generation is critical to India's energy security and environmental sustainability. By adopting innovative technologies, operational best practices, and policy frameworks, we can significantly reduce the sector's carbon footprint while ensuring reliable power supply.

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Published Date:	September 17 th 2025	Page No.:	7

సీఐఐ పవర్ ప్లాంట్ సమ్మిట్

హైదరాజాద్: కాన్ఫెడరేషన్ ఆఫ్ ఇండియన్ ఇండర్ట్స్- గ్రీన్ బిజినెస్ సెంటర్ (సీఐఐ-జీబీసీ) ఆధ్వర్యంలో రెండు రోజుల పవర్ ప్లాంట్ ' నిమ్మిట్ 21వ ఎడిషన్ మంగళవారం నాడు ప్రారంభమైంది. ఈ సంవ తృరం థర్మల్ పవర్ భవిష్యత్ను శక్తివంతం చేయడం, సామ ర్థ్యం, సస్టెయినబిలిటీ, ఫెక్ల్సీ బిలిటీ అండ్ ఏఐ అనే



థీమ్తో ఈ రెండు రోజుల సదస్సును నిర్వహిస్తున్నారు. థర్మల్ పవర్ రంగంలో పురోగతి, క్లిష్మమైన సవాళ్లు, పురోగతులపై ఈ సమావేశాల్లో చర్చిస్తారు. దేశ ఇంధన రంగంలో థర్మల్ విద్యుత్ రంగానికి ఎంతో ప్రాధాన్యత ఉందని పవర్ ప్లాంట్ సమ్మిట్ మైర్మన్, ఎస్ట్ టీమీ ఎగ్జిక్యూటివ్ డైరెక్టర్ బిద్య నంద్ ఝా చెప్పారు. 2030 నాటికి ప సనరుత్పాదక ఇంధనాన్ని మొత్తం స్థాపిత సామర్ధ్యంలో 50 శాతానికి పెంచాలనే కేంద్ర ప్రభుత్వ లక్ష్యం వల్ల థర్మల్ ప్లాంట్ల సగటు ప్లాంట్ లోడ్ ఫ్యాక్టర్ ను తగ్గించే అవకాశం ఉందని చెప్పారు. దేశంలో విద్యుత్ ఉత్పత్తి సామర్ధ్యం ఇంధన భదత, పర్యావరణ స్థిరత్వానికి ఎంతో కీలకమని కేంద్ర ప్రభుత్వ విద్యుత్ మంత్రిత్వ శాఖ సెంట్రల్ ఎలక్ట్రిసిటీ అథారిటీ సభ్యుడు ప్రవీణ్ గుప్తా అభిప్రాయపడ్డారు. 16,17 తేదీల్లో జరిగే ఈ సదస్సులో అనేక అంశాలపై వివిధ రంగాల ప్రముఖలు ప్రసంగించనున్నారు.



ONLINE COVERAGE:

1. FMlive - https://www.fmlive.in/ciis-power-plant-summit-champions-efficiencysustainability-ai-in-thermal-power-sector/



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2. Orissadiary - https://orissadiary.com/ciis-power-plant-summit-champions-efficiency-sustainability-ai-in-thermal-power-sector/



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3. Electronics Buzz- https://electronicsbuzz.in/ciis-power-plant-summit-champions-efficiency-sustainability-ai-in-thermal-power-sector/





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By Electronics Buzz - September 17, 2025







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4. Times Tech-https://timestech.in/ciis-power-plant-summit-champions-efficiency-sustainability-ai-in-thermal-power-sector/



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Buzz Industry News

By TimesTech - September 17, 2025

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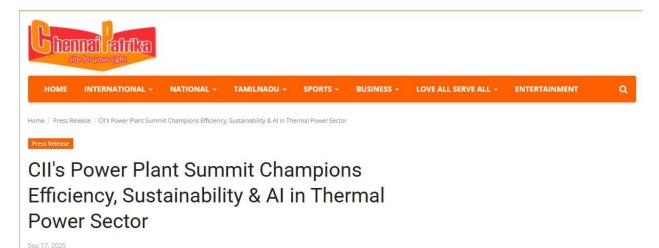
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5. Chennai Patrika- https://chennaipatrika.com/post/ciis-power-plant-summit-champions-efficiency-sustainability-ai-in-thermal-power-sector







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