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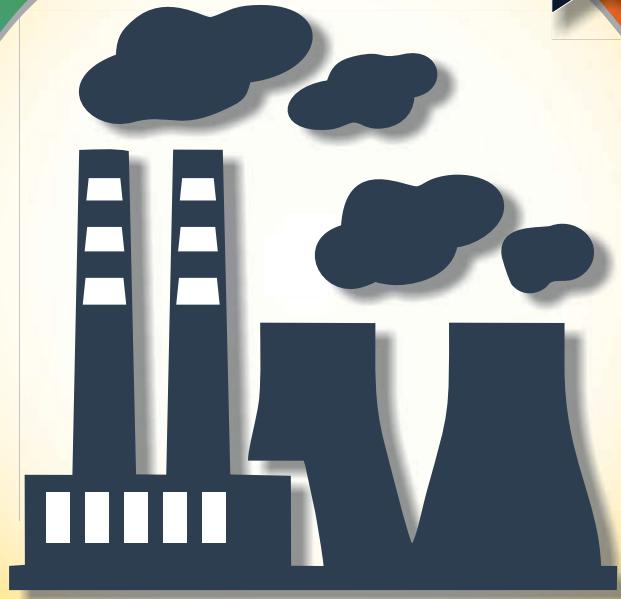


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8<sup>th</sup>  
EDITION



**RNHR - 2026**  
12 - 13 MARCH 2026 - GOA

8th Annual Exclusive Residential Conference & National Efficiency AWARDS

National Recognition to Power Stations for Performance & Efficiency

Reliable, Successful, Most Trusted & Dedicated - Since 2019

Exclusive Knowledge Sharing Platform with Networking Opportunities

All Inclusive Accommodation at Holiday Destination + Complimentary Activities for Family Members



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### All Inclusive Accommodation

All inclusive 2 Nights complimentary stay  
including spouse + child below 6 years +  
complimentary activities for family members



ACCOMPANY SPOUSE  
AT A HOLIDAY  
DESTINATION



NETWORKING  
OPPORTUNITIES



COMPLIMENTARY  
ACTIVITIES FOR  
FAMILY MEMBERS



KNOWLEDGE  
SHARING &  
LEARNING WITH  
LEASURE

# Reducing Net Heat Rate - 2026

## 8th Annual Exclusive Residential Conference & National Efficiency AWARDS

### Exclusive Residential Conference

The conference is designed as an exclusive residential platform bringing together key stakeholders, senior leadership, and decision-makers from the thermal power sector. The primary focus is to facilitate in-depth discussions on the latest technologies, operational strategies, and best practices for optimising plant heat rate and sustaining high efficiency levels. Through expert-led sessions, real-world case studies, and peer learning, the conference aims to support thermal power plants in achieving and maintaining performance aligned with global efficiency benchmarks in an evolving power system.

### National Efficiency Awards

The National Efficiency Awards are instituted to recognise and celebrate excellence in operational performance, efficiency improvement, and innovation across the thermal power sector. The awards aim to foster healthy competition among power stations, encouraging continuous improvement across all facets of plant operations. By recognising best-in-class performance and successful efficiency initiatives, the programme seeks to promote benchmarking, knowledge sharing, and the adoption of best practices that contribute to improved productivity, cost competitiveness, and long-term sustainability of the sector.

8th  
EXCLUSIVE  
RESIDENTIAL  
CONFERENCE

8th  
NATIONAL  
EFFICIENCY  
AWARDS

2  
NIGHTS ALL  
INCLUSIVE  
STAY

+  
ACCOMPANY  
SPOUSE &  
CHILD

+  
ON BEACH  
HOLIDAY  
DESTINATION

+  
NETWORKING  
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DINNERS



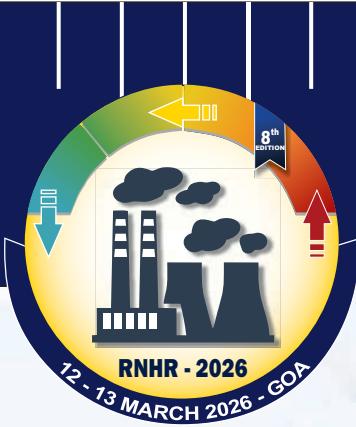
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## BACKGROUND

Power is one of the most critical pillars of infrastructure, playing a decisive role in the economic growth, industrial development, and overall welfare of nations. For India, the availability of reliable, affordable, and efficient electricity is central to sustaining economic momentum and supporting its rapidly growing energy demand.

India's power sector is among the most diversified globally, with generation sources spanning conventional fuels such as coal, lignite, natural gas, hydro, and nuclear, alongside rapidly expanding non-conventional sources including solar, wind, and waste-to-energy. Despite the accelerated deployment of renewable energy, electricity demand in India continues to rise steadily due to industrial expansion, urbanisation, digitalisation, and electrification of end-use sectors. Meeting this growing demand requires not only capacity addition but also significant improvements in efficiency and performance of existing power assets, particularly thermal power plants that continue to form the backbone of grid stability.

Over the years, the Indian power sector has witnessed continuous technological advancements aimed at enhancing operational efficiency, reliability, and productivity. The performance of thermal power plants is most effectively assessed through Net Heat Rate, which reflects the amount of thermal energy consumed to generate one unit of electricity. Heat rate is the inverse of plant efficiency; therefore, a lower heat rate directly indicates superior operational performance.

Net heat rate remains one of the most critical parameters influencing the cost of generation, fuel consumption, and operating margins of thermal power plants. Even marginal improvements in heat rate can result in substantial reductions in fuel costs, emissions intensity, and overall generation expenses, thereby strengthening the financial and environmental performance of power producers.

Traditionally, heat rate improvement has been driven through capital-intensive interventions such as variable frequency drives, intelligent soot blowing systems, advanced control instrumentation, and automated drainage systems. These technological upgrades, when complemented by focused operation and maintenance practices—such as cycle optimisation, leakage control, performance tuning, and disciplined operating regimes—have enabled measurable efficiency gains across the sector. However, in today's evolving power system, plants are also required to operate under flexible, part-load, and cycling conditions, making heat rate optimisation more complex and more critical than ever.

Over the past decades, national and state-level policies, regulatory frameworks, and institutional mechanisms have been introduced to benchmark, monitor, and improve thermal power plant performance. These interventions have contributed to noticeable improvements in operational efficiency. Yet, the transition towards a cleaner, more flexible power system demands renewed focus on advanced efficiency strategies, digital solutions, data-driven performance monitoring, and best-in-class operational practices.

With this backdrop, Mission Energy Foundation is pleased to host the 8th Annual Exclusive Residential Conference & National Efficiency Awards on "Reducing Net Heat Rate", scheduled for 12–13 March 2026 at Aralea Beach Resort, Morjim, Goa.

The conference is designed as a focused platform for knowledge exchange, peer learning, and solution-oriented discussions for India's thermal power sector. It aims to bring together senior decision-makers, plant leadership, technology providers, and subject-matter experts to deliberate on practical strategies, emerging technologies, and real-world case studies for reducing net heat rate while maintaining reliability, flexibility, and compliance with evolving regulatory and market requirements.

By combining in-depth technical discussions with recognition through the National Efficiency Awards, the conference seeks to promote operational excellence, encourage innovation, and support the thermal power industry in aligning with global efficiency benchmarks and India's broader energy transition objectives.





## **- WHY ATTEND Reducing Net Heat Rate 2026 -**

### **FOCUSSED COVERAGE ON**

- ▶ Advanced technologies and solutions for net heat rate reduction in thermal power plants
- ▶ Practical approaches to improving heat rate efficiency across coal, lignite, and gas-based units
- ▶ Fuel management strategies, fuel quality optimisation, and fuel diversity including blending and co-firing
- ▶ Operational excellence frameworks and best-in-class O&M practices for sustained efficiency
- ▶ Real-world case studies showcasing successful heat rate improvement and efficiency enhancement initiatives
- ▶ Role of digital intelligence, analytics, and AI in improving reliability, performance, and efficiency of thermal power plants
- ▶ Understanding the relationship between heat rate, plant efficiency, fuel consumption, and generation cost
- ▶ Strategies for maintaining thermal power plants at optimal efficiency under base-load, part-load, and flexible operation
- ▶ Impact of controllable losses on heat rate and generation performance, and methods for loss minimisation
- ▶ Heat rate measurement, calculation methodologies, benchmarking, and analysis of cost deviations
- ▶ Generator-led case studies on reducing net heat rate, improving operational margins, and enhancing overall plant performance
- ▶ Emerging best practices, regulatory perspectives, and future-ready efficiency strategies for the evolving power sector

## **- Since 2019 -**

**Reducing Net Heat Rate - Reliable, Successful, Dedicated & Most Trusted Annual Exclusive Residential Conference & National Efficiency AWARDS**



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## Annual National Residential Conference

Mission Energy Foundation have Religiously & Dedicatedly have given 18 years to the nation with 7 events on the Reducing Net Heat Rate creating forums of discussion; exchange of ideas; sharing practical experiences; govt. advocacy and networking opportunities for professionals and businesses worldwide.

## Recognising Efforts of TPPs with National Efficiency AWARDS

Over the years, Mission Energy Foundation has honored hundreds of innovative developments and solutions for excellence and sustainability among utilities, small or large, who have demonstrated their efforts and won National Efficiency Awards.

## Knowledge Enriching Conference with Networking Opportunities

Mission Energy Foundation Conferences are not just an average learning exercise. It's designed to bring together the major stakeholders and decision makers to introduce the thermal power industry with the latest technologies in operating Heat Rate of plants and maintaining global benchmarks.

## TIME LINE AGENDA

### Thursday, 12 March 2026

**14.00 Hrs Onwards**

Guest Rooms Check-In

**14.00 Hrs - 15.30 Hrs**

Lunch

**16.00 Hrs - 19.00 Hrs**

Complimentary Water Sports on Morjim Beach

**21.00 Hrs 23.00 Hrs**

Welcome Dinner

### Friday, 13 March 2026

**09.30 Hrs to 18.00 Hrs**

Technical Sessions

**18.00 Hrs to 18.30 Hrs**

Award Ceremony

**19.00 Hrs – 21.00 Hrs**

Live Entertainment & Couple Dance Programme, Followed by Cocktail Dinner

### Saturday, 14 March 2026

**Breakfast**

&

Guest Check-Out



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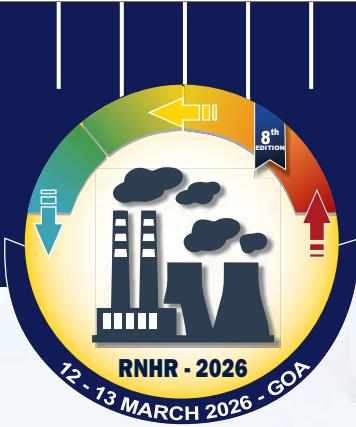
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## **- the AUDIENCE -**

**Reducing Net Heat Rate - 2026** is expected to draw participation from executives, managers and decision-makers from:

- Large Power Plants
- Small Power Plants
- Captive Power Plants
- Government Agencies
- Policy Makers

- Regulatory Boards
- Technology Providers
- Utilities and Power Producers
- R&D Institutes & Academia
- Technocrats & Consultants

- Environmentalists
- State Electricity Boards
- Financial Institutions
- Scientists and Faculty
- And Many More...

## **CHIEF GUESTS**



**Shri Suresh Prabhu**  
Global Strategist & Policy Architect

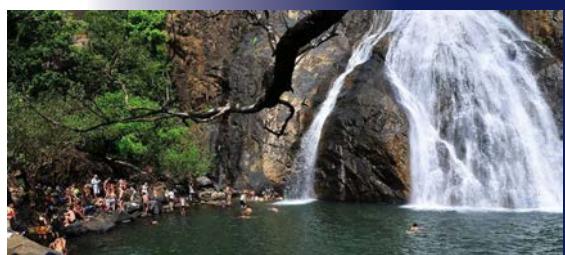
### **Planned Activities for Family Members**



### **Watersports Activity**

Thursday, 12 March 2026  
16.00 Hrs – 19.00 Hrs

3 Hours of Watersports activities on Morjim Beach.



### **Trip to Dudhsagar**

Friday, 13 March 2026  
07.30 Hrs – 18.00 Hrs  
Day Trip Dudhsagar Waterfalls



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## - DRAFT AGENDA -

### Thursday, 12 March 2026

- 14.00 Hrs Onwards – Guest Rooms Check-In
- 14.00 Hrs - 15.30 Hrs – Welcome Networking Lunch
- 16.00 Hrs - 19.00 Hrs – Complimentary Water Sports on Morjim Beach
- 21.00 Hrs - 23.00 Hrs – Welcome Networking Dinner

### Friday, 13 March 2026

- 09:00 – 10:00 Hrs | Panel Discussion
- 10:00 – 11:00 Hrs | Technical Session I
- 11:00 – 11:30 Hrs | Networking Tea Break
- 11:30 – 13:00 Hrs | Technical Session II
- 13:00 – 14:00 Hrs | Networking Lunch Break
- 14:00 – 16:00 Hrs | Technical Session III
- 16:00 – 16:30 Hrs | Networking Tea Break
- 16:30 – 18:00 Hrs | Technical Session IV
- 18:00 – 19:00 Hrs | National Efficiency Awards 2026 – The Ceremony  
Chief Guest : Shri Suresh Prabhu - Global Strategist & Policy Architect
- 19:00 – 21:00 Hrs | Networking Cocktail Dinner

### Saturday, 14 March 2025

11:00 Hrs Guest Check-Out



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## SPONSOR NOW!

Our aim is to deliver you an event that exceeds your expectations, thus becoming an integrated part of your annual marketing program.

Sponsoring **Reducing Net Heat Rate - 2026** will make your company stand out as a leader in this burgeoning industry and will leave a strong impression of your brand in key decision makers minds. Sponsors have an incredible amount of presence and it will not only give your company optimum exposure but also the opportunity for delegates to meet you and your executives to find out more about your role and business opportunities in the sector.

Gain **PUBLICITY** with our advertising and promotional campaigns

Obtain **DIRECT ACCESS** to potential clients during and after with our meticulously prepared confidential delegate list

Receive a **KEY SPEAKING POSITION** to address an audience of top executives and decision makers from the industry

Create **PERMANENT REMINDERS** of your product or services in conference documentation

Profile yourself as **INDUSTRIAL LEADER**, as your corporate logo and profile will be featured prominently in event marketing collaterals

**NETWORKING** with the industries leading Government Officials, Senior Level Delegates and Experts

Achieve **GREATER EXPOSURE** and **BRAND BUILDING** through our partners and much more

**Refer to the tabular of varied sponsorship options and benefits.**

PRINCIPAL SPONSOR	POWERING SPONSOR	KNOWLEDGE SPONSOR	SUPPORTING SPONSOR	ASSOCIATE SPONSOR	DOCUMENT sponsor
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**To Sponsor contact: Shri. S Dalvi**

**President Partnerships**  
dalvi@missionenergy.org  
+91 98560 98360



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BSES Rajdhani Power Limited  
BSES Yamuna Power Limited  
Carboncapture Technology Private Limited  
Cardox India Private Limited  
Chandra Crusher Udyog  
Chhattisgarh State Power Generation Company Limited  
Dalmia Cement (Bharat) Limited  
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ONGC Tripura Power Company Limited  
OPG Power Generation Private Limited  
Orient Cement Limited  
Prayagraj Power Generation Company Limited  
Raichur Power Corporation Limited  
Rashtriya Chemicals & Fertilizers Limited  
RCCPL Private Limited  
Reliance Industries Limited  
Sai Wardha Power Generation Private Limited  
Save Eco Energy India Private Limited  
Schneider Electric Systems India Private Limited  
Shree Cement Limited  
Shreyam Power and Steel Industries Limited  
SHV Energy Private Limited  
Sitson India Private Limited  
Talwandi Sabo Power Limited  
Tata Power Company Limited  
Tata Power Delhi Distribution Limited  
Tata Steel Limited  
Tata Steel Long Products Limited  
TECHCEM Consulting and Engineering Private Limited  
The KCP Limited  
The Singareni Collieries Company Ltd  
The Tata Power Company Limited  
The West Bengal Power Development Corporation Limited  
Thermax Babcock & Wilcox Energy Solutions Limited  
Thermax Limited  
Ti Anode Fabricators Private Limited  
Transmission Corporation of Andhra Pradesh Limited  
TUNA Envirotech Private Limited  
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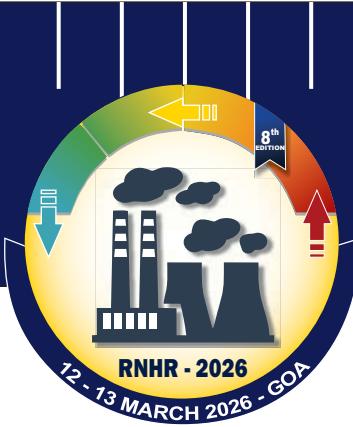
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## National Efficiency Awards – 2026



The National Efficiency Awards has been developed with a view to accord recognition to utilities based on their all round performance by integrating the operational parameters like Peaking Plant Load Factor, Secondary Oil Consumption, Auxiliary Power Consumption and Station Heat Rate. Design station heat rate would be considered for evaluation.

**National Efficiency Awards – 2026**, to catalyze significant and innovative practices in the energy efficiency sector, for facilitating an energy efficient and sustainable growth of the Indian industry. With these awards, Mission Energy Foundation aims to recognize efforts by industries for their outstanding achievements and implementing new and innovative energy efficiency measures.

The Award this year is intended to foster the competitive spirit amongst various power stations so as to encourage them to improve performance in all spheres of their working. The Awards would also help in evolving benchmarks for various performance indices.

### - Why NATIONAL EFFICIENCY AWARDS -

#### Promote The Industry

The Awards will increase visibility for your company. Awards can raise the credibility of your company, its brand and products.

#### Encourage Your Team

Shine the limelight on your team's fantastic work and reward every member of your team that contributed.

#### Make Your Mark

Display and celebrate your success over the last year and be recognized by the industry experts.

#### OBJECTIVE

Encourage & motivate to adopt best practices and become role models for others to emulate. Encourage implementation of strategies for improvement in operations standards.

#### ADVANTAGES

Reflects your commitment to Environment Protection & enhances your corporate status and image. Boosts morale of concerned employees and stakeholders, motivating management and staff of the organisation to excel.

#### ELIGIBILITY

All Large, Medium, Small Scale TPPs / CPP / Service Sector Companies / Organisations and their units; Academic Institutions are eligible for participation in Eligibility & Process of Nomination

### - IMPORTANT DATES TO REMEMBER -

#### Nominations Opens

12 January 2026

#### Nominations Closes

28 February 2026

#### Winners Intimated

05 March 2026

#### Winners Awarded

13 March 2026



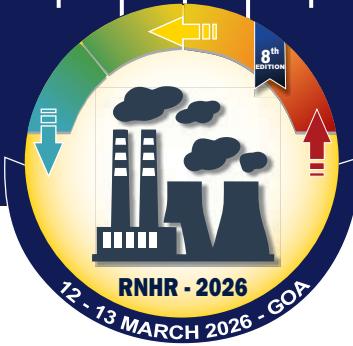
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## - 77 AWARD CATEGORIES -

### Unit-Based Recognition for Excellence in Thermal Power Efficiency

#### **Coal-Based Independent Power Producers (IPP)**

##### **Sub-Critical Unit (Up to 120 MW)**

(Awarded to the sub-critical unit up to 120 MW demonstrating the best overall thermal efficiency under normal operating conditions.)

##### **Sub-Critical Unit (120 MW to 200 MW)**

Awarded for superior efficiency performance among sub-critical units in the 120–200 MW range.

##### **Sub-Critical Unit (200 MW to 300 MW)**

(Recognises the best-performing sub-critical unit in the 200–300 MW segment based on net heat rate and operational stability.)

##### **Best Net Heat Rate Improvement – Sub-Critical Unit**

(Awarded for the highest measurable reduction in net heat rate achieved through operational or technical interventions.)

##### **Sustained Efficiency Performance – Sub-Critical Unit**

(Recognises consistent high-efficiency operation maintained over multiple operating periods.)

##### **Super-Critical Unit (500 MW to 550 MW)**

(Awarded to the most efficient super-critical unit in the 500–550 MW category.)

##### **Super-Critical Unit (Above 550 MW to 650 MW)**

(Recognises excellence in thermal efficiency among super-critical units in the 550–650 MW range.)

##### **Super-Critical Unit (Above 650 MW)**

(Awarded to the top-performing large super-critical unit based on net heat rate and stable operations.)

##### **Auxiliary Power Consumption Reduction – Super-Critical Unit**

(Recognises significant and sustained reduction in auxiliary power consumption without compromising reliability.)

##### **Boiler–Turbine Cycle Optimisation – Super-Critical Unit**

(Awarded for effective optimisation of boiler–turbine cycle parameters leading to measurable efficiency gains.)

##### **Ultra-Super-Critical Unit (800 MW or Above)**

(Awarded to the USC unit demonstrating best overall efficiency performance under base-load operation.)

##### **Lowest Net Heat Rate – Ultra-Super-Critical Unit**

(Recognises the USC unit achieving the lowest verified net heat rate.)

##### **Advanced Steam Parameter Management – Ultra-Super-Critical Unit**

(Awarded for stable and optimised management of high-pressure, high-temperature steam parameters.)

##### **Digital / AI-Based Efficiency Monitoring – Ultra-Super-Critical Unit**

(Recognises effective use of digital tools or AI systems to monitor, predict, and improve efficiency.)

##### **High Efficiency under Flexible Operation – Ultra-Super-Critical Unit**

(Awarded for maintaining high efficiency during part-load, ramping, or flexible grid operations.)



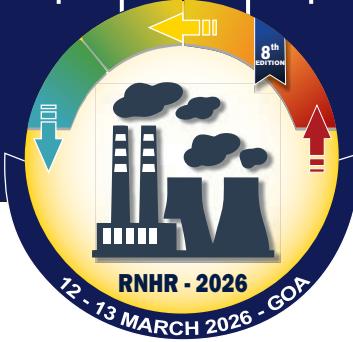
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## - 77 AWARD CATEGORIES -

### Unit-Based Recognition for Excellence in Thermal Power Efficiency

#### **Lignite-Based Independent Power Producers (IPP)**

##### **Best-in-Class Efficiency – Lignite Unit (Up to 125 MW)**

(Recognises the lignite-based unit up to 125 MW achieving the highest thermal efficiency and operational stability.)

##### **Best-in-Class Efficiency – Lignite Unit (125 MW to 250 MW)**

(Awarded to the most efficient lignite unit in the 125–250 MW range based on net heat rate and sustained performance.)

##### **Best-in-Class Efficiency – Lignite Unit (Above 250 MW)**

(Honours large lignite units delivering superior efficiency despite fuel moisture and handling challenges.)

##### **Fuel Moisture & Handling Efficiency – Lignite Unit**

(Recognises effective management of high-moisture lignite through fuel handling, drying, and preparation systems leading to improved combustion efficiency.)

##### **Continuous Thermal Efficiency Improvement – Lignite Unit**

(Awarded for sustained year-on-year improvement in thermal efficiency through operational or technical interventions.)

##### **Lowest Net Heat Rate – Lignite Unit**

(Recognises the lignite-based unit achieving the lowest verified net heat rate.)

##### **Combustion Optimisation – Lignite Units**

(Awarded for effective optimisation of combustion systems to handle lignite variability while maintaining efficiency and stability.)

##### **Auxiliary Power Consumption Reduction – Lignite Unit**

(Recognises significant and sustained reduction in auxiliary power consumption without compromising plant reliability.)

##### **Boiler & Milling System Efficiency – Lignite Unit**

(Awarded for efficient operation and optimisation of boiler and milling systems handling lignite fuel.)

##### **Best O&M Practices – Lignite-Based Power Units**

(Recognises excellence in operation and maintenance practices resulting in reliable and efficient plant performance.)



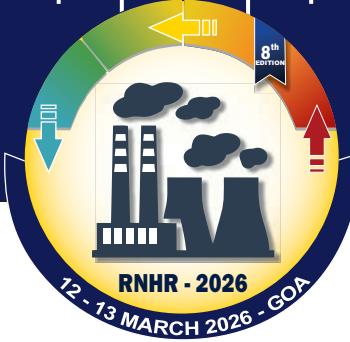
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## - 77 AWARD CATEGORIES -

### Unit-Based Recognition for Excellence in Thermal Power Efficiency

#### **Gas-Based Independent Power Producers (IPP)**

##### **Best-in-Class Efficiency – OCGT Unit (Up to 50 MW)**

(Awarded to the small-frame OCGT unit demonstrating the highest thermal efficiency and operational reliability.)

##### **Best-in-Class Efficiency – OCGT Unit (Above 50 MW)**

(Recognises large OCGT units delivering superior heat rate performance under peaking or continuous operation.)

##### **Lowest Heat Rate Performance – OCGT Unit**

(Awarded to the OCGT unit achieving the lowest verified heat rate.)

##### **Start-Up Efficiency Excellence – OCGT Unit**

(Recognises rapid and efficient start-up with minimal fuel penalty.)

##### **Flexible & Peaking Operation Efficiency – OCGT Unit**

(Awarded for efficient performance during frequent starts, stops, and peaking duty.)

##### **Best-in-Class Efficiency – CCGT Block (Up to 200 MW)**

(Recognises the most efficient small CCGT block based on net heat rate and stable combined-cycle operation.)

##### **Best-in-Class Efficiency – CCGT Block (200 MW to 400 MW)**

(Awarded for superior thermal efficiency among mid-size CCGT blocks.)

##### **Best-in-Class Efficiency – CCGT Block (Above 400 MW)**

(Honours large CCGT blocks delivering top-tier efficiency with high availability.)

##### **HRSG & Heat Recovery Efficiency – CCGT**

(Recognises effective utilisation of exhaust heat through optimised HRSG and steam cycle performance.)

##### **Part-Load & Cycling Efficiency – CCGT**

(Awarded for maintaining high efficiency during part-load and cyclic operation.)

##### **Efficiency Excellence under Low PLF Operation – Gas Units**

(Recognises gas-based units maintaining efficiency despite low plant load factors.)

##### **Fast Start & Ramp-Up Efficiency – Gas Units**

(Awarded for rapid load increase with minimal efficiency loss.)

##### **Cycling Operation Efficiency – Gas Units**

(Recognises efficient handling of frequent start-stop and load cycling.)

##### **Grid Support with High Thermal Efficiency – Gas Units**

(Awarded for providing grid support services while sustaining high efficiency.)

##### **Best Peaking Unit Performance – Gas Units**

(Honours outstanding peaking performance balancing responsiveness, reliability, and efficiency.)



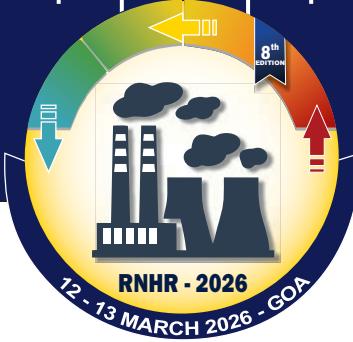
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## - 77 AWARD CATEGORIES -

### Unit-Based Recognition for Excellence in Thermal Power Efficiency

#### **Captive Power Plants (CPP)**

##### **Coal Unit Efficiency Excellence (Up to 50 MW)**

(Awarded to a small captive coal-based unit that demonstrates exemplary efficiency through disciplined operations, optimal fuel utilisation, and stable performance under industrial operating conditions.)

##### **Coal Unit Efficiency Excellence (50 MW to 100 MW)**

(Recognises a mid-size captive coal unit delivering consistently high thermal efficiency, controlled heat rate, and reliable operation within the 50–100 MW capacity range.)

##### **Coal Unit Efficiency Excellence (Above 100 MW)**

(Honours a large captive coal-based unit that has achieved benchmark efficiency performance at scale through strong operational control, maintenance practices, and fuel management.)

##### **Fuel & Heat Balance Management Excellence – Coal Unit**

(Awarded for effective monitoring and optimisation of fuel input, heat distribution, and losses, resulting in measurable improvement in overall plant efficiency.)

##### **Continuous Efficiency Improvement Excellence – Coal Unit**

(Recognises sustained, year-on-year efficiency improvement achieved through structured operational, maintenance, or technical initiatives.)

##### **Coal–Biomass Co-Firing Efficiency Excellence**

(Awarded to a captive unit successfully operating on coal–biomass blends while maintaining stable generation and controlled efficiency performance.)

##### **Biomass Substitution Excellence with Stable Efficiency**

(Recognises achievement of high biomass substitution levels without adverse impact on heat rate, availability, or operational stability.)

##### **Heat Rate Optimisation Excellence under Biomass Co-Firing**

(Awarded for effective optimisation of combustion and operating parameters to minimise heat rate penalties during biomass co-firing.)

##### **FBC-Based Multi-Fuel Efficiency Excellence**

(Recognises fluidised bed combustion units demonstrating efficient and stable operation across multiple fuel types and varying fuel qualities.)

##### **Fuel Flexibility with Efficiency Excellence**

(Awarded for superior handling of wide fuel mix variations while sustaining high efficiency and reliable captive power supply.)

##### **Gas Unit Efficiency Excellence (Up to 30 MW)**

(Awarded to a small captive gas-based unit achieving high thermal efficiency and dependable performance while meeting variable industrial demand.)

##### **Gas Unit Efficiency Excellence (Above 30 MW)**

(Recognises large captive gas units delivering efficient fuel utilisation, stable operation, and sustained efficiency performance.)

##### **Fuel Utilisation & Combustion Efficiency Excellence – Gas Unit**

(Awarded for optimised combustion practices and fuel management resulting in improved thermal efficiency and reduced losses.)

##### **Availability-Coupled Efficiency Excellence – Gas Unit**

(Recognises units maintaining high efficiency alongside strong availability to reliably meet captive power requirements.)

##### **Continuous Efficiency Improvement Excellence – Gas Unit**

(Awarded for consistent improvement in efficiency through operational discipline, tuning, or targeted technology upgrades.)



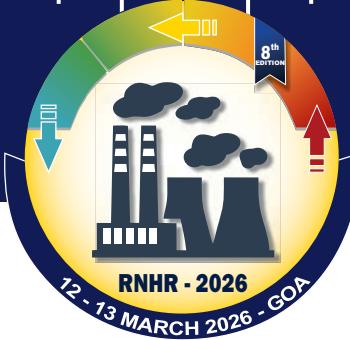
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## - 77 AWARD CATEGORIES -

### Unit-Based Recognition for Excellence in Thermal Power Efficiency

#### **Leadership, Innovation & Excellence Categories**

##### **Unit Operating More Than 20 Years**

(Recognises ageing units delivering commendable efficiency despite operational and design limitations.)

##### **Heat Rate Reduction through Renovation & Modernisation**

(Awarded for demonstrable heat rate improvement achieved through R&M or life-extension activities.)

##### **Life Extension with Sustained Efficiency**

(Recognises units that have successfully extended operational life while maintaining or improving efficiency.)

##### **Efficiency Improvement in Ageing Units**

(Awarded for targeted operational or technical initiatives that revive efficiency in older units.)

##### **Best O&M Practices – Vintage Unit**

(Recognises excellence in operation and maintenance practices leading to stable and efficient performance.)

##### **Efficiency under Part-Load Operation**

(Awarded for achieving superior efficiency during sustained part-load operation.)

##### **Fast Ramp-Up with Minimal Efficiency Loss**

(Recognises rapid load changes achieved with minimal adverse impact on heat rate.)

##### **Cycling Operation Efficiency**

(Awarded for efficient handling of frequent start-stop or cyclic operation.)

##### **Grid Support with High Thermal Efficiency**

(Recognises operational practices that support grid requirements while maintaining high efficiency.)

##### **Best Flexible Operation Performance**

(Awarded for overall excellence in flexible operation, balancing efficiency, responsiveness, and reliability.)

##### **Operational Excellence Team of the Year**

(Recognised for Team delivering measurable efficiency gains through operations & O&M)

##### **Technical Excellence Leader of the Year**

(Recognised for Individual leading technology-led efficiency improvement)

##### **Woman Leader in Energy Efficiency**

(Awarded for Outstanding contribution by a woman professional in efficiency & operations)

##### **High-Performance Thermal Plant (PLF with Efficiency Balance)**

(Awarded For High PLF achieved without compromising heat rate & APC)

##### **Retrofitted Asset Excellence Award**

(Awarded for R&M / life-extension resulting in sustained efficiency improvement)

##### **Biomass Co-Firing Excellence Award**

(Recognised for Stable biomass substitution with controlled efficiency loss)

##### **Waste Heat Recovery Performance Excellence**

(Recognised for Effective WHR integration delivering net efficiency gains)

##### **Renewable Integration Enablement Award (Thermal Units)**

(Awarded for Flexibility & grid support enabling RE integration)

##### **High-Efficiency Co-Generation Excellence Award**

(Recognised for Optimised power + heat utilisation for maximum overall efficiency)

##### **Advanced Fuel Utilisation Excellence Award**

(Recognised for Fuel quality management, blending & combustion optimisation)

##### **Carbon Capture & Utilisation Efficiency Leadership Award**

(Awarded for CCUS with minimal efficiency penalty)

##### **Digital Transformation for Efficiency Excellence**

(Awarded for Digital / AI / analytics delivering verifiable efficiency outcomes)



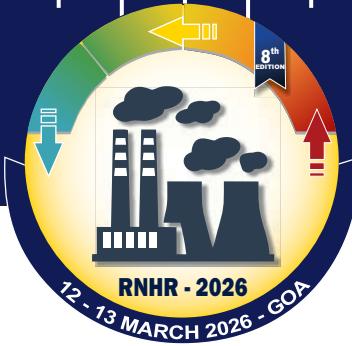
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## - REGISTRATION PROCESS -

### Online Registration

To participate as **DELEGATE** / nominate an **AWARD** / be a **SPEAKER** submit your registrations on our AI CHATBOT via WhatsApp on +15557000808

### Receive Invoice

We will email you a digitally signed invoice along with necessary required documents for processing the payment.

### Make Payment

Make online payment via Bank Transfer / Credit Card / Cheque / DD to our postal address.

## Participation Fee Structure

(Read Golden Accommodation Rule & Discount Details)

### DELEGATE Registration



Indian Delegate  
INR 26500 / DELEGATE  
+ 18% GST

Overseas Delegate  
USD 650 / DELEGATE

### AWARD Nomination



Indian Company  
INR 36500 / Category  
+ 18% GST

Overseas Company  
USD 950 / Category

### SPEAKER Registration



Indian Speaker  
INR 36500 / Speaker  
+ 18% GST

Overseas Speaker  
USD 950 / Speaker

## Golden Accommodation Rules & Discount Details

**For Award Nomination:** One Participant is Complimentary to attend the conference per selected category

**Delegate Group Discount:** 5% for 3+ Participants / 10% for 7+ Participants

**Award Nomination Group Discount:** 5% for 2+ Categories / 10% for 5+ Categories

An all-inclusive complimentary two-night stay is included in the fee, covering for spouse and one child below 6 years of age.

To ensure a comfortable and enjoyable stay, participants traveling with family members will be accommodated in family rooms.

Participants not traveling with family will be accommodated in twin-sharing rooms. And may still require a single occupancy room can avail the same at an additional charge of INR 10,000 +18% GST.

Delegates are kindly requested to plan their accommodation preferences carefully while completing the registration allowing us to offer a pleasant experience for all delegates while ensuring smooth and well-planned accommodation arrangements.



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# Organiser



## The Organisation

Mission Energy Foundation is a persistent, private, not-for-profit endeavour based in Mumbai, India. We are registered under sec 25 (1), 80G & 12AA respectively.

## The Beginning

A single man army with its mission to build platforms of discussion, exchange knowledge among industry professionals on core issues pertaining to growing energy sector.

## GOAL

Mission Energy Foundation is a micro-enterprise initiative that strives to spread knowledge in the globalising energy sector. We educate and spread technology awareness through ongoing contacts and discussions with the public and industry concerning what the future of the growing energy sector should be...

Today

A human asset working together as one endeavour that expertise in organising and delivering successful international summits involving who's who from Entrepreneurs to Academicians to Government Authorities to Technology Providers to Consultants to Industry Professionals from the growing energy sector globally.

Mission Energy Foundation (A not-for-profit Organisation)

003, B-16, Sector 1, Shanti Nagar, Mira Road, Thane, Maharashtra - 401107



[help@missionenergy.org](mailto:help@missionenergy.org)



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