

3rd
EDITION

Reducing Net Heat Rate - for Thermal Power Plants

2 Days Conference
+
National Efficiency Awards

02 - 03 February 2023
Hyatt Centric - New Delhi

Organised By



RNHR - 2023



[HTTPS://MISSIONENERGY.ORG/RNHR2023/](https://missionenergy.org/rnhr2023/)

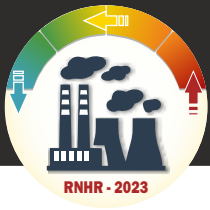


HELP@MISSIONENERGY.ORG



+91 98560 98360





2 Days Conference + National Efficiency Awards

02 - 03 February 2023, Hyatt Centric - New Delhi

WHY RNHR - 2023



2 Days Conference

The prime focus of the conference is 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.



National Efficiency Awards

The award programme intended to foster the competitive spirit amongst various power stations so as to encourage them to improve performance in all spheres of their working & help in evolving benchmarks for various performance indices.

BACKGROUND

Power is one of the most critical components of infrastructure crucial for the economic growth and welfare of nations. The existence and development of adequate infrastructure is essential for sustained growth of the Indian economy. India's power sector is one of the most diversified in the world. Sources of power generation range from conventional sources such as coal, lignite, natural gas, oil, hydro and nuclear power to viable non-conventional sources such as wind, solar, and agricultural and domestic waste. Electricity demand in the country has increased rapidly and is expected to rise further in the years to come. In order to meet the increasing demand for electricity in the country, a massive addition to the installed generating capacity is required.

The power sector in India has seen a continuous development in the advancements of technologies to increase efficiency and productivity, to better performance. The assessment of productivity and performance of a thermal power plant could be carried out by monitoring heat rate, which signifies the performance of a power plant in terms of the thermal energy consumed for production of one unit of electricity. Lowering the heat rate of a thermal power plant better is the performance. Heat Rate is one of the critical factors that contribute towards gross margin for thermal power plants. Heat rate represents fuel consumption rate for specific levels of power plant output and inverse of plant efficiency. It has direct impact on power generation cost. Reduction in Heat rate have positive impact and reduction generation costs, contributing to the operating margin of power generation companies.

Traditional ways to improve the heat rate involve large capital investments like the introduction of variable frequency drives, intelligent soot blowing systems, automated drains etc. These investments, combined with Operation & maintenance improvements like cycle optimization, arresting of leakages and operating the equipment at full performance, are typically applied today by power generation plants. The heat rate of a coal-fired power plant represents the amount of heat, typically in Btus, needed to generate 1 kilowatt-hour (kWh) of electricity. Typical units for heat rate are Btu/kWh. Heat rate is the heat energy input per unit of electrical energy output, or fuel consumption rate for specific levels of power plant output. Heat rate is also the inverse of plant efficiency. Lower is better.

Past interventions have improved the operating performance of power plants. Power plant efficiency, typically characterized by heat rate has been addressed through various guidelines/regulations introduced over the years. National and state level institutions have been created to ensure compliance so that performance levels are maintained in the sector.

With this in mind, we Mission Energy Foundation shall host a **Two Day Conference & Awards on 02 - 03 February 2023 at Hyatt Centric - New Delhi.**

The conference aims at knowledge sharing and problem solving for thermal power plants in India. The prime focus of the conference is 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.



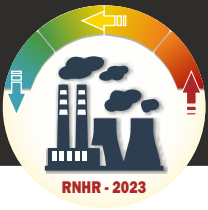
[HTTPS://MISSIONENERGY.ORG/RNHR2023/](https://missionenergy.org/rnhr2023/)



HELP@MISSIONENERGY.ORG



+91 98560 98360



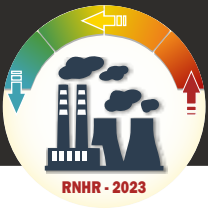
2 Days Conference + National Efficiency Awards

02 - 03 February 2023, Hyatt Centric - New Delhi

Timeline AGENDA

02 February 2023	03 February 2023
Technical Sessions 9.30 Hrs – 18.00 Hrs	Technical Sessions 10.00 Hrs – 16.30 Hrs
Cocktail Dinner 20.00 Hrs – 23.00 Hrs	Award Ceremony 16.30 Hrs – 17.30 Hrs





2 Days Conference + National Efficiency Awards

02 - 03 February 2023, Hyatt Centric - New Delhi

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 this **Reducing Net Heat Rate - 2023** 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

For Details Contact:

Shri. S Dalvi, President Partnerships & Legal Counsel
dalvi@missionenergy.org
+919769310944

PRINCIPAL SPONSOR

INR 645000 / USD 9950

7 Delegate Passes
Logo on Brochure Cover Page
Logo on Brochure Inside Page
Logo on Conference Backdrop
Logo on Registration Desk Backdrop
Logo on Conference Website
Corporate Banner in Networking Area
Merchandise Distribution
Screening of Company Film
Circulation of Company Literature
Thanking Announcements
Speaking Opportunity - Day 1
Panel Discussion Moderator

POWERING SPONSOR

INR 545000 / USD 8950

5 Delegate Passes
Logo on Brochure Cover Page
Logo on Brochure Inside Page
Logo on Conference Backdrop
Logo on Registration Desk Backdrop
Logo on Conference Website
Banner in Networking Area
Merchandise Distribution
Screening of Company Film
Circulation of Company Literature
Thanking Announcements
Speaking Opportunity - Day 2
Panel Discussion Panellist

KNOWLEDGE SPONSOR

INR 445000 / USD 6950

3 Delegate Passes
Logo on Brochure Cover Page
Logo on Conference Backdrop
Logo on Conference Website
Circulation of Company Literature
Thanking Announcements
Panel Discussion Panellist

SUPPORTING SPONSOR

INR 345000 / USD 5950

1 Delegate Passes
Logo on Brochure Cover Page
Logo on Conference Backdrop
Logo on Conference Website
Circulation of Company Literature
Thanking Announcements

ASSOCIATE SPONSOR

INR 245000 / USD 3950

Logo on Brochure Cover Page
Logo on Conference Website
Circulation of Company Literature
Thanking Announcements



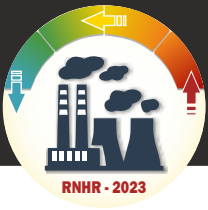
[HTTPS://MISSIONENERGY.ORG/RNHR2023/](https://missionenergy.org/rnhr2023/)



HELP@MISSIONENERGY.ORG



+91 98560 98360



2 Days Conference + National Efficiency Awards

02 - 03 February 2023, Hyatt Centric - New Delhi

National Efficiency Awards – 2023



NATIONAL Efficiency Awards - 2023

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 – 2023, 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.

Key Dates To Remember

21 November 2022

Nomination Opens

25 January 2023

Nomination Closes

03 February 2023

Winners Shall be Awarded

AWARD CATEGORIES - 2023



Best Energy Efficient
Plant – COAL



Best Energy Efficient
Plant – Lignite



Best Energy Efficient
Plant – CCGT



Best Energy Efficient
Plant – COAL (CPP)



Best Energy Efficient
Plant – Lignite (CPP)



Best Energy Efficient
Plant – CCGT (CPP)



Technology Company
of the Year



EPC Company
of the Year



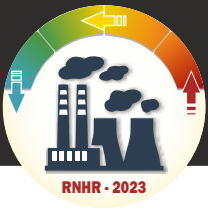
[HTTPS://MISSIONENERGY.ORG/RNHR2023/](https://missionenergy.org/rnhr2023/)



HELP@MISSIONENERGY.ORG



+91 98560 98360



2 Days Conference + National Efficiency Awards

02 - 03 February 2023, Hyatt Centric - New Delhi



Award Winners - 2022

Adhunik Power And Natural Resources Limited
Dalmia Cement (Bharat) Limited
Hindalco Industries Limited
Jaiprakash Power Ventures Limited
Jhabua Power Limited
Jhajjar Power Limited
Maithon Power Limited
Nabha Power Limited
NTPC Limited - Gadarwara STPS
NTPC Limited - Khargone TPP
NTPC Limited - Kudgi STPS
NTPC Limited - Mouda STPS
NTPC Tamilnadu Energy Company Limited
Orient Cement Limited
Prayagraj Power Generation Company Limited
Talwandi Sabo Power Limited
The KCP Limited
The Singareni Collieries Company Ltd
The Tata Power Co Ltd
Vedanta Limited - Jharsuguda

Award Winners - 2021

Adhunik Power & Natural Resources Limited
Dalmia Cement Bharat Limited - Ariyalur
Dalmia Cement Bharat Limited - Belagavi
Dalmia Cement Bharat Limited - Dalmiapuram
Gita Power & Infrastructure Private Limited
Gujarat Industries Power Co. Ltd.
Gujarat State Electricity Co Ltd - Ukai TPS
Gujarat State Electricity Co Ltd - Utran GTPS
Gujarat State Electricity Co Ltd - Wanakbori TPS
Hindalco Industries Limited
Jaypee Power Ventures Limited
Jhabua Power Limited
JK Lakshmi Cement Limited
JSW Energy (Barmer) Limited
Kesoram Industries Limited
National Aluminium Company Limited
NTPC Limited - Dadri GTPS
NTPC Limited - Korba TPS
NTPC Limited - Rihand TPS
NTPC Limited - Singrauli STPS
NTPC Limited - Sipat STPS
NTPC Limited - Talcher STPS
Orient Cement Ltd



[HTTPS://MISSIONENERGY.ORG/RNHR2023/](https://missionenergy.org/rnhr2023/)



HELP@MISSIONENERGY.ORG



+91 98560 98360

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...

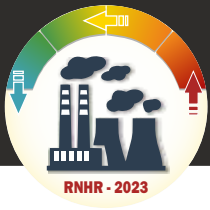
Today

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

Helpline: +91 98560 98360, <http://missionenergy.org>



2 Days Conference + National Efficiency Awards

02 - 03 February 2023, Hyatt Centric - New Delhi

Delegate Registration Form

Indian Company: INR 22500 Per Delegate + 18% GST

Overseas Company: USD 750 Per Delegate

Company: _____

Address: _____

City: _____ Pincode: _____ State: _____

Kindly Provide Your Organisation GSTIN: _____

Delegate Nomination Filled By: (Liasion Officer for Co-ordinates)

Name: _____ Job Title: _____

WatssApp No: _____ Email ID: _____

Conference Attendee Details

Delegate (1): _____ Job Title: _____

WatssApp No: _____ Email ID: _____

Delegate (2): _____ Job Title: _____

WatssApp No: _____ Email ID: _____

Delegate (3): _____ Job Title: _____

WatssApp No: _____ Email ID: _____

(For more than 3 delegates kindly make copies of the registration form)

Payment Terms

Payment is required within 10 working days on receipt of invoice. If a booking is received 10 working days before the conference a credit card number will be taken to confirm your place, likewise if full payment has not been received before the conference date.

NOTE:

- Kindly fill the registration form completely
- Kindly provide with a valid email id for correspondence
- A confirmation of the registration will be sent via email after receipt of the payment
- No refund will be made in case of no-show / no-attendance
- Registration fee is exclusive of Government taxes as applicable

Cancellation Policy:

Should a delegate be unable to attend, a substitute delegate from the company is always welcome at no extra charge. Alternatively, for any cancellations, the following rules shall apply

- 70% refund of registration fee if cancellation is done on or before 20 working days of the schedule
- 50% refund of registration fee if cancellation is done on or before 15 working days of the schedule
- Thereafter, no refunds can be made

Important note:

Please quote the name of the participant and event title on the advice when remitting payment. Bank charges to be deducted from the participation organisation's own accounts. Attendance will only be permitted upon receipt of full payment. It may be necessary for reasons beyond the control of the organiser to alter the content or the event date or location or the identity of the speaker/s.

Post: 003, B-16, Sector 1
Shanti Nagar, Mira Road (East)
Thane, Maharashtra – 401107

Group Discount

Mission Energy Foundation recognises the value of learning in terms. Group bookings at the same time from the same company receive discount:

>3 participants	5%
>7 participants	10%

This offer is exclusive of the early bird discount. Call us for a special discount rate for terms of 10 and above (Not applicable to clinic(s) only bookings).

Payment Methods

By Check/Bank Draft :

All instruments to in favor of "Mission Energy Foundation" (payable at Mumbai) and send to, Mission Energy Foundation 003, B-16, Sector 1, Shanti Nagar, Mira Road (East) Thane, Maharashtra 401107 | Helpline: 98560 98360

Organisation Details :

Organisation: Mission Energy Foundation
CIN: U74120MH2012NPL233716
PAN: AAICM0818M
Service Tax: AAICM0818MSD002
GSTIN: 27AAICM0818M1Z7

By Direct Transfer :

Bank Name: Kotak Mahindra Bank
Account Name: Mission Energy Foundation
Account Number: 0111221660
Account Type: Current Account
Branch Name: Mira Road (East)
Branch Address: E-Wing, Latif Park, Mira Bhayandar Road, Mira Road (E), Thane - 401107
Branch Telephone: +91 22 28120740 / 48 / 49
MIRC Code: 400485051
IFSC / RTGS: KKBK0000649
SWIFT Code: KKBKINBB

All bank charges to be borne by payer. Please ensure that our bank receives the full invoiced amount.

You want to pay from credit card (Only Indian VISA Cards accepted) you may do it from below link <https://missionenergy.org/payment.html>

Venue

Hyatt Centric
New Delhi



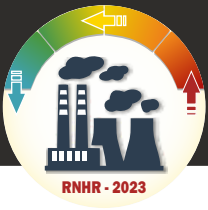
[HTTPS://MISSIONENERGY.ORG/RNHR2023/](https://missionenergy.org/rnhr2023/)



HELP@MISSIONENERGY.ORG



+91 98560 98360



2 Days Conference + National Efficiency Awards

02 - 03 February 2023, Hyatt Centric - New Delhi

Award Nomination Form

- Indian Company: INR 32500 + 18% GST [per Nomination]
 Overseas Company: USD 950 Per Category [per Selected Category]

Company : _____

Address : _____

City: _____ Pincode: _____ State: _____

Kindly Provide Your Organisation GSTIN: _____

Award Nomination Filled By: (Liason Officer for Technical / Other Co-ordinates)

Name: _____ Job Title: _____

WatssApp No: _____ Email ID: _____

Conference Attendee Details

Attendee 1: _____ Job Title: _____

WatssApp No: _____ Email ID: _____

Attendee 2: _____ Job Title: _____

WatssApp No: _____ Email ID: _____

We apply for below category of Award:

- Best Energy Efficient Plant – COAL
- Best Energy Efficient Plant – Lignite
- Best Energy Efficient Plant – CCGT
- Best Energy Efficient Plant – COAL (CPP)
- Best Energy Efficient Plant – Lignite (CPP)
- Best Energy Efficient Plant – CCGT (CPP)
- Technology Company of the Year
- EPC Company of the Year

Payment Terms

Payment is required within 10 working days on receipt of invoice. If a booking is received 10 working days before the conference a credit card number will be taken to confirm your place, likewise if full payment has not been received before the conference date.

NOTE:

- Kindly fill the registration form completely
- Kindly provide with a valid email id for correspondence
- A confirmation of the registration will be sent via email after receipt of the payment
- No refund will be made in case of no-show / no-attendance
- Registration fee is exclusive of Government taxes as applicable

Cancellation Policy:

Should a delegate be unable to attend, a substitute delegate from the company is always welcome at no extra charge. Alternatively, for any cancellations, the following rules shall apply

- 70% refund of registration fee if cancellation is done on or before 20 working days of the schedule
- 50% refund of registration fee if cancellation is done on or before 15 working days of the schedule
- Thereafter, no refunds can be made

Important note:

Please quote the name of the participant and event title on the advice when remitting payment. Bank charges to be deducted from the participation organisation's own accounts. Attendance will only be permitted upon receipt of full payment. It may be necessary for reasons beyond the control of the organiser to alter the content or the event date or location or the identity of the speaker/s.

Post: 003, B-16, Sector 1
Shanti Nagar, Mira Road (East)
Thane, Maharashtra – 401107

Group Discount

Mission Energy Foundation recognises the value of learning in terms. Group bookings at the same time from the same company receive discount:

>2 Category	5%
>5 Category	10%

This offer is exclusive of the early bird discount. Call us for a special discount rate for terms of 10 and above (Not applicable to clinic(s) only bookings).

Payment Methods

By Check/Bank Draft :

All instruments to in favor of "Mission Energy Foundation" (payable at Mumbai) and send to, Mission Energy Foundation 003, B-16, Sector 1, Shanti Nagar, Mira Road (East) Thane, Maharashtra 401107 | Helpline: 98560 98360

Organisation Details :

Organisation: Mission Energy Foundation
CIN: U74120MH2012NPL233716
PAN: AAICM0818M
Service Tax: AAICM0818MSD002
GSTIN: 27AAICM0818M1Z7

By Direct Transfer :

Bank Name: Kotak Mahindra Bank
Account Name: Mission Energy Foundation
Account Number: 0111221660
Account Type: Current Account
Branch Name: Mira Road (East)
Branch Address: E-Wing, Latif Park, Mira Bhayandar Road, Mira Road (E), Thane - 401107
Branch Telephone: +91 22 28120740 / 48 / 49
MIRC Code: 400485051
IFSC / RTGS: KKBK0000649
SWIFT Code: KKBKINBB

All bank charges to be borne by payer. Please ensure that our bank receives the full invoiced amount.

You want to pay from credit card (Only Indian VISA Cards accepted) you may do it from below link <https://missionenergy.org/payment.html>

Venue

Hyatt Centric
New Delhi



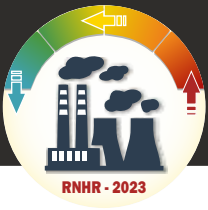
[HTTPS://MISSIONENERGY.ORG/RNHR2023/](https://missionenergy.org/rnhr2023/)



HELP@MISSIONENERGY.ORG



+91 98560 98360



2 Days Conference + National Efficiency Awards

02 - 03 February 2023, Hyatt Centric - New Delhi

Speaker Registration Form

- Indian Speaker: INR 32500 + 18% GST
 Overseas Speaker: USD 950

Company : _____

Address : _____

City: _____ Pincode: _____ State: _____

Kindly Provide Your Organisation GSTIN: _____

Speaker Nomination Filled By: (Liason Officer for Technical / Other Co-ordinates)

Name: _____ Job Title: _____

WhatsApp No: _____ Email ID: _____

Speaker Details

Name: _____ Job Title: _____

WhatsApp No: _____ Email ID: _____

Presentation Title:

Attached

- Abstract
 Biograph
 Photograph

Post: 003, B-16, Sector 1
Shanti Nagar, Mira Road (East)
Thane, Maharashtra – 401107

Payment Methods

By Check/Bank Draft :

All instruments to in favor of
"Mission Energy Foundation" (payable at Mumbai)
and send to, Mission Energy Foundation
003, B-16, Sector 1, Shanti Nagar, Mira Road (East)
Thane, Maharashtra 401107 | Helpline: 98560 98360

Organisation Details :

Organisation: Mission Energy Foundation
CIN: U74120MH2012NPL233716
PAN: AAICM0818M
Service Tax: AAICM0818MSD002
GSTIN: 27AAICM0818M1Z7

By Direct Transfer :

Bank Name: Kotak Mahindra Bank
Account Name: Mission Energy Foundation
Account Number: 0111221660
Account Type: Current Account
Branch Name: Mira Road (East)
Branch Address: E-Wing, Latif Park,
Mira Bhayandar Road,
Mira Road (E), Thane - 401107
Branch Telephone: +91 22 28120740 / 48 / 49
MIRC Code: 400485051
IFSC / RTGS: KKBK0000649
SWIFT Code: KKBKINBB

All bank charges to be borne by payer. Please ensure that our bank receives the full invoiced amount.

You want to pay from credit card (Only Indian VISA Cards accepted) you may do it from below link
<https://missionenergy.org/payment.html>

Payment Terms

Payment is required within 10 working days on receipt of invoice. If a booking is received 10 working days before the conference a credit card number will be taken to confirm your place, likewise if full payment has not been received before the conference date.

NOTE:

- Kindly fill the registration form completely
- Kindly provide with a valid email id for correspondence
- A confirmation of the registration will be sent via email after receipt of the payment
- No refund will be made in case of no-show / no-attendance
- Registration fee is exclusive of Government taxes as applicable

Cancellation Policy:

Should a delegate be unable to attend, a substitute delegate from the company is always welcome at no extra charge. Alternatively, for any cancellations, the following rules shall apply

- 70% refund of registration fee if cancellation is done on or before 20 working days of the schedule
- 50% refund of registration fee if cancellation is done on or before 15 working days of the schedule
- Thereafter, no refunds can be made

Important note:

Please quote the name of the participant and event title on the advice when remitting payment. Bank charges to be deducted from the participation organisation's own accounts. Attendance will only be permitted upon receipt of full payment. It may be necessary for reasons beyond the control of the organiser to alter the content or the event date or location or the identity of the speaker/s.

Venue

Hyatt Centric
New Delhi



[HTTPS://MISSIONENERGY.ORG/RNHR2023/](https://missionenergy.org/rnhr2023/)



HELP@MISSIONENERGY.ORG



+91 98560 98360