

Conference & Exhibition

# 3rd Thermal Power **india** 2009

(covering Coal, Gas & Oil)

February 19-20, 2009, New Delhi, INDIA

Organised by



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### **3<sup>rd</sup> Thermal Power India 2009**

India Core and Council of Power Utilities are organizing the third edition of 'Thermal Power India'- a conference & exhibition series focussing on issues in the power generation industry covering coal, gas & oil power generation. The Thermal Power India series offers a unique platform to learn, discuss and exchange experience about the major structural, technical, managerial & regulatory changes and business opportunities in the power generation segment amongst various stakeholders.

To meet the capacity addition target of 78000 MW during 2007-12, massive resources would be required. According to the estimates of Government of India, investments of more than 100 billion dollars would be required in power generation in the next ten years. As such, significant project opportunities are expected in the power generation sector and the interest in the sector is at an all-time high.

'3<sup>rd</sup> Thermal Power India 2009' will offer organisations with business interests in the region to play a major role in one of the world's fastest developing power markets and a premium platform to meet decision-makers, policy planners, business associates & prospective clients.

#### **Conference Highlights**

- Ideal occasion to meet, interact & network with key stake holders committed to best practices in power generation
- Two days full of informative & innovative conference sessions to showcase contributions, advancement, technologies and opportunities available
- Well received series of Conference
- 'Thermal Power India 1'- held in December 1999 in New Delhi as part of Thermal Centenary celebration in India- was attended by more than 1000 participants from the industry- underlining the event's importance and its position.
- 'Thermal Power India 2'- held in December 2007 in New Delhi received overwhelming response and was a sell-out success. It was attended by over 250 senior most stake holders from the power industry, with over 55 key note speakers and papers spread across two days of innovative conference sessions. For more details visit Thermal Power India 2 archives on [www.IndiaCore.com](http://www.IndiaCore.com)
- **Speakers in 3rd Thermal Power India 2009 include:**
  - Mr Anil Razdan, Former Secretary, Ministry of Power
  - Mr V P Joy, Joint Secretary- Thermal, Ministry of Power, Topic- 'National Electricity Policy and Availability of Reliable and Environment friendly Energy for all'



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- Mr H L Bajaj, Member- Technical, Appellate Tribunal for Electricity
- Dr Chandan Chowdhury, CEO, IFS Solutions, Topic- 'Improvement of Productivity In Thermal Power Projects both in Construction and O&M unites through IT Driven Business Transformation'
- Dr S K Dube, General Manager(AUD)/ CENPEEP, Ash Utilization Division, NTPC Limited, Topic – ' Exploration for Adoption - New Technologies for Fly Ash Utilization'
- Dr Sanjay Gambhir, Head- Plant Design & Piping, Doosan Babcock Engineering & Services, Topic- 'EPC of Thermal Power Projects- A Concept of Virtual Design'
- Dr Sudhir Kumar Calla, Chairman & Managing Director, RRVUNL, Topic-'Managing growth at Rajasthan Vidhyut Utpadan Nigam Limited through Improvement in the Management of Thermal Projects-Some Experiences'
- Dr Vimal Kumar, Scientist 'G' & Head, Fly Ash Unit, Govt of India, Ministry of Science & Technology, Topic- 'Disposal of Ash and Emission Control by using Coal with not more than 34% Ash'
- Mr A B L Srivastava, Director- Finance & IT, NHPC, Topic- 'ERP Implementation to Manage Growth and Productivity of Power Sector'
- Mr A K Mathur, AGM (Ash Utilization), NTPC Limited, Topic- 'Ash Management and Emission Control'
- Mr A.K. Jathi, Topic- 'Fuel Supply Management and Monitoring System'
- Mr Amitabh Srivastava ( AGM-STE), Mr S.J. Ghosh (AGM-MRL) & Mr M. Batrani (Manager -STE), Bharat Heavy Electricals Limited, Haridawar, Topic- 'Residual Life Assessment in Steam'
- Mr Chander Kant Sentiya, EE, MP Power Generating Company Limited, Topic- 'Usage of IT in Operation and Maintenance of Coal fired Power Plant'
- Mr Chinmoy Mohanty, Group Lead-Technical Tendering, Alstom Projects India Limited,Topic – 'Advanced Particulate Collectors'
- Mr Chinmoy Mohanty, Group Lead- Technical Tendering, Alstom Projects India Limited, Topic- 'Graduation to High Capacity Units in India'
- Mr D N Prasad, CMD, MP Power Generating Company, Topic- 'IGCC'
- Mr D K Agrawal, GM, CENPEEP, NTPC, Topic- 'Sustainable Performance Improvement in Thermal Power Plants'



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- Mr Devendera Kedia, Managing Director, DS Industrial Corporation, Topic- 'Green Energy, particularly with Reference to Solar and Reclamation of Transformer Oil for the Online Maintenance of Transformers'
- Mr Donald Kent Jenkins, Project Director, Fluor Daniel, UK, Topic- 'A Fast Track Method of Supplying Today's Energy Needs Utilizing a Mixture of Existing Equipment and New Technologies'
- Mr G S Bindra, General Manager (Engg), Bharat Heavy Electricals, Topic- 'Ultra Supercritical Power Plants'
- Mr Jagdish Sagar, Former CMD, Delhi Transco
- Mr Lakshmi Narain, AGM (CEETEM), NTPC Limited, Topic- 'Aux Power Consumption Reduction Opportunities in Thermal Power Stations'
- Mr M S Murthy, Asst Professor, SSBTCOET, Jalgaon & Dr R D Misra, Assistant Professor, NIT SILCHAR, Topic- 'Say No To Energy Audit, Welcome Exergy Audit- Exergy Analysis of an Operational MW Coal Fuel Based Thermal Power Plant'
- Mr M. Shanmukgnathan, Manager- Conforma Clad India, Kennametal India Limited, Topic- 'Advanced Erosion Protection Technology Retains Engineered Geometry in the Severe Environment of Coal Fired Burners'
- Mr N.K. Srivastava , AGM (R&M-Engg), NTPC Limited, Topic- 'Energy Efficient Technologies for Renovation of Power Plants -User's Perspective'
- Mr N.K.Bansal, GM, BHEL, Topic- 'Experience Sharing on Spring Loaded Turbo Generator Foundation of Large Rating of Thermal Units'
- Mr P M Bhardwaj, Director -Production, Instrumentation Limited, Topic- 'Role of Control & Instrumentation in Thermal Power Generation'
- Mr P S Bami, Former CMD, NTPC and President- India Energy Forum, Topic- 'Reducing Import dependence for Energy Security, Conventional Advanced and Renewable Technologies'
- Mr R K.Anand, DGM, BHEL
- Mr R.C.Khera, Former Chief Engineer, CEA, Topic- 'Arbitration'
- Mr R.P.Tripathi, DGM- Mtc, BTPS, Topic- 'Power Station Maintenance Management- Potential of IT to address Functional Strategic Issues'



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- Mr Rajesh K Mediratta, Vice President, Indian Energy Exchange Limited, Topic- 'Project Financing/Proper Techno-Economic Appraisal'
- Mr Ravindra Kanade, Group Lead, Alstom Projects India Limited, Topic- 'Ultra Supercritical Technology'
- Mr Reji Kr Pillai, Head - Energy & Utilities, IBM, Topic- 'IT Solutions for Power Generation'
- Mr Sunil Verma, Member (E&C), Central Electricity Authority, Topic- 'Power Project Financing /Proper Techno-Economic Appraisal'
- Mr T K Basu, Vice President- Technical, Microtex, Topic- 'Lead Acid Batteries for Power Plant'
- Mr Tej Bahadur, AGM- Pollution Control Research, BHEL, Topic- 'Renovation & Efficiency Enhancement of Pulverised Coal Fired Boilers'
- Mr V N Choudhary, General Manager & Project Head- Badarpur, NTPC Limited, Topic- 'Coal for Power Generation in India: Strategic Issues & Challenges'
- Mr Y P Abbi, Senior Fellow, Energy & Environment Technologies Division, TERI, Topic- 'Clean Coal Technology For Green Power'
- Prof Avinash Chandra, Centre for Energy Studies, Indian Institute Of Technology, Delhi, Topic- 'Enhancement of Collection Efficiencies of Electrostatic Precipitators in Coal based Indian Thermal power plants'
- Mr Ranjith Nair, Director - Sales, SKODA Power\*
- Mr Arun Sarna, Head – Business Development & Project Director for R&M Group, Evonik Energy Services\*

\* under invitation

Other speakers are under invitation and their confirmation is expected shortly

**Key players already confirmed/ likely to confirm as sponsors/ exhibitors/ participants including:**

- Abhishek Industries / Trident Group
- Agri Energy Consulting- 2 delegates
- ALSTOM Projects
- Apex Tubes
- Arihant Electricals
- Ashish International
- JMC Projects
- Jupiter Electronics
- Kam Avida Enviro Engineers
- Kennametal India
- L&T- ECC
- L&T- Engineering & Construction



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- Balaji Coke- 2 delegates
- Baldor Electric India
- BHEL- 10 Plus delegates
- Central Electricity Authority
- Chino Laxsons- 3 delegates
- Coal India
- Doosan Babcock Engineering & Services- 4 delegates
- DS Industrial Corporation
- Embassy of Poland
- Empire Industrial Equipment
- Enzen Technologies
- EPP Composites
- Facor Power- 2 delegates
- Flaktwoods
- Fluidyn Software Services
- Fluor Daniel- 2 delegates
- Fly Ash Unit, Ministry of Science & Technology
- Gammon Cooling Towers
- Garuda Vacuum Pumps
- GE
- Gensol Consultants
- German Invest & Trade
- German Office of Foreign Trade
- Goel Agencies
- Goldline Power Solutions
- Greenpeace NGO
- GUVNL
- Henkel
- IDFC Private Equity
- IFFCO Chattisgarh Power- 3 delegates
- IFS- 3 delegates
- IIM Bangalore
- IIT Delhi
- Illies Engineering
- India Electricals Syndicate
- India Energy Forum
- Indian Energy Exchange
- Ingersoll Rand
- Intra Project Consultants
- Jaipuria Group/ Pearl Drinks- 2 delegates
- Division
- Lafarge- 2 delegates
- Marsh India Insurance- 2 delegates
- Mcawber Beekay- 2 delegates
- Mehta Group
- Microtex- 12 delegates
- Ministry of Power
- Minwool Rockfiber
- MP Power Generating Company
- NTPC
- NTPC- Ash Utilization Division
- NTPC- Auriya TPS
- NTPC- CENPEEP
- NTPC- PMI
- NTPC- R&D
- Ozone Technologies and Systems
- Paltech
- PCE Systems- 3 delegates
- Pennar Industries
- Power Control Electro Systems
- PPI Pumps
- PSEB
- Radical Instruments
- RB Seth Shreeram Narasingdas- 2 delegates
- Reliance Infrastructure
- Scantech- 3 delegates
- Skoda Power
- SPX Thermal Equipment & Services
- Stauff India
- Tamil Nadu Boiler Inspection Department
- Tata Power
- Techfab
- Tecpro Systems- 2 delegates
- TERI
- Toshniwal Sensors
- Transfab Systems
- TRF (A Tata Enterprises)
- Trinity Touch- 4 delegates
- Vaas Industries
- Voltamp Transformers
- Yantra Automation etc



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Further information about the event, including topics, agenda, speakers and list of participating companies, will be updated regularly on the conference website- [www.IndiaCore.com](http://www.IndiaCore.com)

## Topics

▪ Electric power scenario	▪ Gas turbines and their role
▪ Policy initiatives	▪ Steam turbine design development
▪ UMPP	▪ Boiler and its auxiliary
▪ Ultra supercritical power plants	▪ Coal fired supercritical boiler
▪ Combined cycle technology	▪ Residual life assessment, uprating
▪ Advanced pulverized coal fired power plants	▪ Renovation and modernization of old power plants
▪ IGCC for more efficient thermal generation	▪ Environment management & thermal power generation
▪ Fluidized bed combustion technology	▪ Installation of pollution abatement technologies
▪ Heat recovery operation in parallel combined cycle power plants	▪ Disposal of ash and emission control
▪ Fuels for thermal power development in India- coal, lignite, gas & oil	▪ Carbon trading and carbon sequestration
▪ Fuel supply management and monitoring system	▪ Regulations to reduce pollution emissions
▪ Management and use of coal for combustion	▪ Economics and finances
▪ Fuels of future for thermal generation	▪ Project financing
▪ Clean coal technology, Coal additives, CO2 Capture	▪ Power market development & power trading
▪ Role of IT & automation	▪ Legal & regulatory framework
▪ Operation and maintenance of thermal plants	▪ Proper techno-economic appraisal
▪ Performance optimisation and energy efficiency	▪ Development of a multi year tariff frame work
▪ Turbine and generator	▪ Logistic challenges & fuel transport

## Sponsorship Opportunities

The Conference provides an excellent opportunity for sponsoring & exhibiting companies to raise brand awareness and promote their product/ service to a highly focussed audience besides networking with the participants. A range of sponsorship opportunities are available to gain additional exposure and maximise company's profile. For sponsorship opportunities and benefits, please contact us.

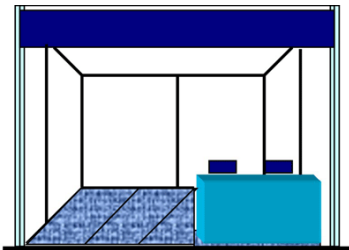


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## Speaking Opportunities

The Conference also offers speaking opportunities and paper presentation option to organisations/ individuals interested in making a presentation to a highly attentive & captive audience of senior decision makers. For details contact us.

## Exhibition



The exhibition provides you with a low-cost, high-impact way to get your message to key decision makers.

The standard exhibit stand package includes 6 sq mtr fabricated stand, fascia, spotlights, a table, 2 chairs, logo featuring on the sponsor's panel at the conference venue and on the conf micro-site on [www.IndiaCore.com](http://www.IndiaCore.com), 3 delegate pass (inclusive of person/s manning the exhibit space).

For other exhibit stand package, bookings and special space requests, please contact us

## Participation

'Thermal Power India 2009' is the ideal platform to get a full picture of the generation business, whether you are from the utility, private power producer, IPP, merchant power producer, product, research, regulatory, consultancy, service, business or academic sector of the power generation community.

Don't miss this opportunity to hear the Industry leaders and network with policy planners & top industry players. For further details, sponsorships, exhibit stall, advertisement, speaking opportunities, registrations, please feel free to contact us or visit [www.IndiaCore.com](http://www.IndiaCore.com)

## Sponsors, Supporters & Exhibitors in 3<sup>rd</sup> Thermal Power India 2009



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*Glimpses of Thermal Power India 2, December 2007*

**Sponsors, Supporters & Exhibitors in Thermal Power India 2**





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#### Response Form/ Delegate Registration

- I shall attend the above noted event
- We are interested in exhibiting. Please book Stall Number \_\_\_\_\_
- Send me a detailed Communiqué on (Please tick the required option)**
- Various Sponsorship Opportunities \_\_\_\_\_
  - Speaking Opportunities \_\_\_\_\_
  - Print Advertising Opportunities in 'IndiaCore Who's Who in Power Industry' \_\_\_\_\_
  - Online Advertising Opportunities on event website- [www.IndiaCore.com](http://www.IndiaCore.com) \_\_\_\_\_
  - Exhibition \_\_\_\_\_
- Hotel Accommodation required:**
- Date & Time (IST): From \_\_\_\_\_ To \_\_\_\_\_
- Accommodation Type: Single \_\_\_\_\_ Double \_\_\_\_\_

#### Delegate Registration Fee

Participant	Fees per participant (both days)	
	from India	from other Countries
Regular Delegate	Rs 17,000	US\$ 450
Delegates from SEBs, SERCs	Rs 10,000	NA
Delegates, Paper Authors from Academic Institutions & Students	Rs 10,000	US\$ 350
India Core Paid Subscribers	Rs 10,000	US\$ 350

**For every 3 three delegates from the same organisation, one delegate pass is complimentary**

#### Cannot Attend?

- Tick here to purchase the Conference documentation for Rs 3000/ US\$ 125



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### Contact Information

Name \_\_\_\_\_

Designation \_\_\_\_\_

Organisation \_\_\_\_\_

Type of Organisation (e.g Law firm, Construction firm, Finance firm, Consultancy Firm) \_\_\_\_\_

Address \_\_\_\_\_

State & Country \_\_\_\_\_ Pin Code \_\_\_\_\_

Tel (pl specify country & area code) \_\_\_\_\_

Mobile \_\_\_\_\_ Fax \_\_\_\_\_

Email \_\_\_\_\_ URL (Website) \_\_\_\_\_

### Payment Details

Our mode of payment is: (Please tick the correct response)

Cheque  Demand Draft  Online Payment on [www.IndiaCore.com](http://www.IndiaCore.com)  Cash Deposit in our Bank account \*  Wire/ SWIFT Transfer \*

We are enclosing Cheque/ Demand Draft Number \_\_\_\_\_ dated \_\_\_\_\_ drawn in favor of **'India Core Events'** payable at New Delhi, INDIA for Rs/ US \$ \_\_\_\_\_ drawn on \_\_\_\_\_ towards payment of event fees.

\* Please contact us for our Bank Account details and SWIFT code.

Please send this filled form alongwith the registration fees to



**India**core.com

### IndiaCore Response Team

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Note:

• Program schedule/ content is subject to change.

• Payment in full is required prior to attendance. Funds are not available to sponsor participation, travel or lodging expenses.



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- India Core Paid Subscribers & some other categories are eligible for discounted Delegate Registration Rates. Please check the applicable rates.
- Registrations are limited in number. Registration available on First -Come- First- Serve Basis.
- The payment of registration fee should be sent by Cheque/ Bank Draft in favour of 'India Core Events' payable at New Delhi alongwith the completed Registration Form.
- International delegates can send the fees through SWIFT transfer (electronic transfer) in our Bank account or through draft. In case of a SWIFT transfer, please contact us for our Bank Account details.

#### • **Online Registration**

Online registration helps us in knowing your desire to participate in advance. Registrations are confirmed only after the receipt and credit of the applicable registration fees.

#### • **What Your Registration Includes:**

- Attendance at event sessions
  - Registration Kit, One Copy of Proceedings
  - Luncheons - Tea/ Coffee and refreshment breaks
  - one copy of 'IndiaCore Who's Who in Power Industry'. Please collect your copy at the registration desk
- The registration fee does not include boarding, lodging and transport charges. We could assist you in making your travel arrangements. Please contact us.
- Specially negotiated Room rates are available near the Venue and other hotels for event participants. For further details & room bookings, please contact us at [info@IndiaCore.com](mailto:info@IndiaCore.com) or contact the travel partner of the event at [travel@vsnl.net](mailto:travel@vsnl.net).

#### • **Cancellation and Substitution Policy**

a) If you should cancel on or before February 12, 2009, you will receive a full refund less administrative charges of 20%. We regret that no cancellations can be accepted after February 12, 2009. Refund for cancellations of registration will be made after the event.

On or before February 12, 2009	Full refund less administrative charges of 20%
After February 12, 2009	No Refund

b) All refunds will be less taxes levied (if any). If registration fee has been paid online through credit card/ debit card/ net banking then the transaction charges will not be refunded.

c) Substitutions are welcome. In case a registered participant is unable to attend, he/ she may send his/ her representative/ substitute to attend the event. However, he/ she must inform us latest by February 16, 2009.

d) No-shows are responsible for entire fee. No refund will be made.