



A Maharatna Company

सुसान्त कुमार राय

कार्यकारी निदेशक (प्र०से०)

SUSANTA KUMAR ROY

Executive Director (OS)

एन टी पी सी लिमिटेड

भारत सरकार का उद्यम

NTPC Limited

A Govt. of India Enterprise

(Formerly National Thermal Power Corporation Ltd.)

केन्द्रीय कार्यालय / NOIDA OFFICE

Date: 16.09.2016

Sub: International O&M Conference, February 13-15, 2017, New Delhi – Invitation of Papers

Dear Sir,

NTPC Ltd., a Maharatna Company was set up in 1975 and its first unit was commissioned at Singrauli on 13th February, 1982. To commemorate this day, NTPC organizes an O&M Conference every year from 13th February at New Delhi.

This year also, **Indian Power Stations- 2017**", the international O&M conference along with an exhibition on Conference Theme – **"Integration of Renewable Power in the Grid... Path ahead"**, will be organized from 13th to 15th February 2017. The conference aims to bring together power sector professionals, designers, manufacturers, service providers, solutions providers, academicians and power plant engineers on a common platform to discuss the challenges being faced by power industry and share experiences on technological advancement, practices, O&M challenges, issues of current importance.

We invite full length papers in English on any of the suggested topics, as enclosed in Annexure- I, for presentation in the O&M conference. Guidelines for papers and contact details of the coordinating officers are also enclosed as Annexure-II & III.

We request you to send papers from your station/ area. Papers can be uploaded on our website Indianpowerstations.org before 15.11.2016.

Kind regards,

Yours Sincerely,



(S.K.Roy)

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REGD. OFFICE : NTPC BHAVAN, SCOPE COMPLEX, 7, INSTITUTIONAL AREA, LODHI ROAD, NEW DELHI-110003

Suggested Topics for Papers – IPS 2017

- New Technologies and best practices for Improvements in Efficiency and Reliability
- Advancements in Solar and Hydro Generation, Wind power
- Experience in Hydro Operation
- Operational issues of solar power generation.
- Flexible Operation
- Grid management and grid integration with renewable energy
- Operation Experience of Super critical Plant
- Strategies for Efficient Operation
- Asset Management and risk analysis
- Health & Safety Practices
- Post Commissioning & Stabilization issues of new plants
- Plant life Extension Technologies
- R&M approach in Thermal Power Stations
- R&M approach in Gas Stations
- Challenges in Fuel management and mitigation
- Water Conservation & Management
- Boiler Performance improvement and failure analysis
- O&M best practices
- Environment Challenges & Issues
- Ash Management and Utilization
- Water chemistry management
- Commercial & Operational Challenges
- Strategies for cost management.
- Innovative tools and techniques and new O&M practices.
- Coal blending strategies and technologies.
- Optimization of fuel resources and combustion.
- Gas sourcing and gas utilization.

- IT enabled system for solar, thermal & wind Power
- Safe practices for effective O&M
- Innovative solution for energy storage techniques.
- Repair and maintenance of power plant civil and high rise Structures.
- Waste to energy management.
- Water quality improvement for better condenser and cooling tower performance.
- Performance optimization, up- grading, efficiency & Reliability issues of coal and gas station in the different area / sub system.
- Any other topic relevant to theme and power industry today and in future

Guide Lines for Paper Submission

Manuscripts submitted for publication should meet the general format and style requirements as mentioned below:

Abstract: Authors are requested to forward summary of the paper not exceeding 500 words along with the bio data (CV along with photo) of the main & co author and the full manuscript by 15.11.2016.

Paper Length : The paper should preferable not exceed eight single- spaced single pages of A4 size with text on one side of the paper only, including reference tables, figures and equations. Papers will be selected based on the abstract and paper submitted together for this purpose.

Language: Articles must be submitted in Standard English with Arial Font

Contents: All pages must be original text, typed, single-spaced, and in single-column. Articles may not endorse any proprietary products or services or commercial organizations. Materials must be identified by generic names or specifications rather than names. If a trade name must be used, it may be cited not more than once in the text.

Format:

Title	:	14 point Bold CAPITALS
Author's Name	:	12 point Bold
Affiliation & Address	:	9 point Italics
Headings	:	10 point Bold capital
Sub-headings	:	10 point Bold
Text	:	10 point Normal
Footer	:	9 point Italics (footer should Not exceed page margins)

Tables, Figures, Equations: Tables plus figures should not exceed a total of six. All tables, figures and references must necessarily be labeled (e.g. Figure 1, Table 2, Equation (3) etc.,) and must be referred to in the text.

Paper Submission Format: As these paper are printed in the soft form in the Conference CD and for facilitating the page setting to the required size, it is essential that the paper is submitted in MS word format only. Please do not sent papers in PDF format.

Graphics: All graphic images must necessarily be included / embedded in the document itself. No separate image or graphic shall be accepted. In case an image is available for inclusion, such image must be scanned and then inserted into the document at its proper place.

Note:

1). The authors are requested to upload the paper / summary of the paper along with the bio data (CV along with photo) and contact detail (email ID, Telephone No & Mobile No.) in the conference website www.indiapowerstations.org. The procedure for uploading is available at the web site.

Coordinators

For any clarifications following persons may be contacted.

- 1. Mr. Sudip Nag, (Head – Technical committee)**
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