

# 3rd India Nuclear Energy Summit

3rd - 4th October, 2013, Mumbai, India

Generating Nuclear Power: As a Clean, Safe, Affordable & Secure Source of Energy

**Venue: Hilton Mumbai International Airport Hotel**



India with its three stage nuclear program based on a closed fuel cycle and vast thorium reserves is striving to reach 20GW nuclear capacity by 2020. IAEA Director General, Yukiya Amano said, "For rapidly developing economy such as India, Nuclear power can make a vitally important contribution to growth and improve energy security."

India views nuclear energy as an essential element of its national energy mix and is committed to taking decisive steps forward with 7 plants under construction and more than 60 plants are planned or being proposed.

3<sup>rd</sup> India Nuclear Energy Summit will welcome nuclear community to join this forum where the most prominent industry leaders and government officials will be providing informative and inspiring discussions pertaining to India's current needs, revealing technologies that can assist in achieving India's ambitious future.

## Chairman of the 3<sup>rd</sup> India Nuclear Energy Summit



**Mr. A.K. Anand,**  
*Former Director - Reactor Projects Group,  
Bhabha Atomic Research Center (BARC)*

## Strategic Advisor



## Endorser



## Confirmed Speakers



**Mr. Arun Srivastava,**  
*Secretary, Atomic Energy Commission & Member,  
Strategic Planning Group, Scientific Officer-H,  
Department of Atomic Energy (DAE)*



**Mr. S. Duraisamy,**  
*Vice-Chairman,  
Atomic Energy Regulatory Board (AERB)*



**Mr. Preman Dinaraj,**  
*Director, Finance, Nuclear Power Corporation of  
India Limited (NPCIL)  
Chairman, NPCIL-NALCO Power Company*



**Mr. Dr. Prabhat Kumar,**  
*Acting Chairman & Managing Director  
Bharatiya Nabhiya Vidyut Nigam Limited (BHAVINI)*



**Mr. N. Saibaba,**  
*Distinguished Scientist - Chief Executive,  
Nuclear Fuel Complex (NFC)*



**Mr. V.P. Raja,**  
*Chairman,  
Maharashtra Electricity Regulatory Commission (MERC)*



**Mr. Anand Ghare,**  
*Former Senior Executive Director, Projects  
Nuclear Power Corporation of India Limited (NPCIL)*



**Mr. Dr. K.C. Pillai,**  
*Former Head - Health Physics Division  
Bhabha Atomic Research Centre (BARC)*



**Mr. K.J. Sebastian,**  
*Managing Director,  
Power Age Engineering Consultants (PAEC)*



**Mr. Dr. K.K. Maudar,**  
*Director,  
Bhopal Memorial Hospital and Research Centre (BHMRC)*



**Mr. Dr. A. K. Sarangi,**  
*General Manager, Corporate Planning  
Uranium Corporation of India (UCIL)*



**Mr. Adwait D Paranjpe**  
*General Manager, Nuclear Power Plant Equipment  
Business, Heavy Engineering  
Larsen & Toubro Limited*

## Invited - To Be Confirmed Keynote Speakers



**Mr. G. Nageswara Rao,**  
*Director - Operations,  
Nuclear Power Corporation of India Limited (NPCIL) (Invited - To Be Confirmed)*



**Mr. Nikolay Drozdov**  
*Director of the International Business Department  
Rosatom (Invited - To Be Confirmed)*

## Sponsor Speakers



**Mr. Hans-Juergen Nitzpon,**  
*CEO  
Syscom Instruments*



**Mr. B.D. Basu,**  
*Director - Contracts  
Anupam Group*



**Mr. Ravindra Ulangwar**  
*Associate Vice President - Power Sector  
Kirloskar Brothers Ltd*



**Mr. Joachim Schulz,**  
*Vice President Market Support Functions  
Sulzer Pumps India Limited*



**Mr. Sanjay Kumar,**  
*CEO & Marketing Director  
Altran Technologies India*



**Mr. Syed Ali,**  
*Manager - Power Generation Group  
Pall India Private Limited*



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## Preliminary Agenda - Day 1

**08:15 Registration And Morning Tea**  
**08:55 Welcome Address By Noppen**

**09:00 Opening Speech Of The Chairman**  
*Mr. A.K Anand, Former Director For The Reactor Projects Group, Bhabha Atomic Research Centre (BARC)*

**09:15 Keynote Speech**  
*Mr. G. Nageswara Rao, Director - Operations, Nuclear Power Corporation Of India Limited (NPCIL) \* (Invited TBC)*

**09:30 Overview Of The Nuclear Power Scenario In India**  
*Mr. Arun Srivastava, Secretary, Atomic Energy Commission & Member, Strategic Planning Group, Scientific Officer-H, Department Of Atomic Energy (DAE)*

**10:00 Contribution Of PFBR to Indian Industries and Their Role**  
*Mr. Dr. Prabhat Kumar, Acting Chairman & Managing Director Bharatiya Nabhikiya Vidyut Nigam Limited (BHAVINI)*

**10:30 Networking Tea Break**

**11:00 The Role Of Nuclear Energy For India's Energy Security**  
*Mr. V.P. Raja, Chairman, Maharashtra Electricity Regulatory Commission (MERC)*

**11:30 Latest Developments In Advanced Nuclear Reactor Designs:**  
Design Tools And The New Safety Assessment Criteria  
*Mr. Nikolay Drozdov, Director of the International Business Department, Rosatom (Invited - TBC)*

**12:00 Discussion Panel:**  
International Cooperation To Accelerate Nuclear Power Growth

**12:30 Pumps and Pumping Systems for Nuclear Power Projects**  
*Mr. Ravindra Ulangwar, Associate Vice President - Power Sector, Kirloskar Brothers Ltd*

**12:50 Luncheon And Networking**

**14:00 Financing Issues Of Nuclear Power In India**  
*Mr. Preman Dinaraj, Director-Finance, Nuclear Power Corporation Of India Limited (NPCIL)*

**14:30 Procurement Of Special Equipment For Nuclear Power Projects**  
*Mr. Anand Ghare, Former Senior Executive Director, Projects Nuclear Power Corporation Of India Limited (NPCIL)*

**15:00 Significance Of Single-Failure-Proof Cranes In Critical Nuclear Applications**  
*Mr. B.D. Basu, Director - Contracts, Anupam Group*

**15:30 Networking Tea Break**

**16:00 Uranium Resources & Production: Indian Scenario and Global Developments**  
*Mr. Dr A. K. Sarangi, General Manager, Corporate Planning Uranium Corporation of India Limited (UCIL)*

**16:30 Sulzer Pumping Solutions For Nuclear Power Generation**  
*Mr. Joachim Schulz, Vice President Market Support Functions, Sulzer Pumps India Limited*

**17:00 Discussion Panel: Reality Check:**  
Experts' Insights On Governments' Objective Of Generating 25% Of Electricity From Nuclear Power By 2050? Reaching 20 GW Nuclear Power By 2020? Three Stage Nuclear Program, Unleashing Thorium Reserves And Stepping Up On Reactor Technology . Where Are We Now?  
*Mr. N. Saibaba, Distinguished Scientist - Chief Executive, Nuclear Fuel Complex (NFC)*

**17:30 Chairman's Closing Remarks For Day One**  
*Mr. A.K Anand, Former Director For The Reactor Projects Group, Bhabha Atomic Research Centre (BARC)*

## Preliminary Agenda - Day 2

**08:15 Registration And Morning Tea**

**08:55 Opening Remarks By The Chairman**  
*Mr. A.K Anand, Former Director For The Reactor Projects Group, Bhabha Atomic Research Centre (BARC)*

**09:00 Challenges for Nuclear Power**  
*Mr. K.J. Sebastian, Managing Director, Power Age Engineering Consultants (PAEC)*

**09:30 Updates & Revisions On Safety Criteria And Requirements For Nuclear Installations**  
*Mr. S. Duraisamy, Vice - Chairman, Atomic Energy Regulatory Board (AERB)*

**10:00 MARMOT - A Certified Seismic Monitoring System For Nuclear Power Plants And Vulnerable Industrial Facilities:** Requirements And Solutions For Npps After The Fukushima Earthquake  
*Mr. Hans-Juergen Nitzpon, CEO, Syscom Instruments*

**10:30 Networking Tea Break**

**11:00 Advances In Nuclear Equipment Manufacture - Indigenous Capabilities**  
*Mr. Adwait D. Paranjpe, General Manager, Nuclear Power Plant Equipment Business, Heavy Engineering, Larsen & Toubro Limited*

**11:30 Recent Recommendations Of ICRP For Radiation Exposure Control**  
*Dr. K.C. Pillai, Former Head - Health Physics Division, Bhabha Atomic Research Centre (BARC)*

**11:50 Bhopal Gas Tragedy And The Current Guidelines Of Managing Of Such Disaster**  
*Mr. Dr. K.K. Maudar, Director, Bhopal Memorial Hospital And Research Centre (BHMRC)*

**12:10 Discussion Panel: Ways To Enhance Public Trust & Confidence:**  
The Importance Of Developing Transparent And Compliant Nuclear Energy Programs. Responsibilities And Obstacles

**12:45 Luncheon And Networking**

**14:00 Nuclear Reactor Manufacturer's Approach To Plant Life Management:** Managing Plant Condition, Optimizing Operating Life And Maximizing Plant Value  
*Reserved For Areva*

**14:30 Advanced Construction Technologies For New Npp's**  
Methods & Strategies To Increase Efficiency And To Decrease Construction Time & Cost

**15:00 Pall "HLP" Series Newly Designed Purifier For Lube & Hydraulic Oil Conditioning For Nuclear Turbine Applications**  
*Mr. Syed Ali, Manager - Power Generation Group, Pall India Private Limited*

**15:30 Networking Tea Break**

**16:00 Nuclear Waste Management:** Innovative Solutions In Designing, Constructing And Operating Waste Management Facilities

**16:30 Small Modular Reactors - Are They Moving Nuclear Power Towards A New Future?** The Prospects For Small & Medium-sized Nuclear Power Reactors

**17:00 Drivers For Deployment Of Sustainable Innovative Technology:** Fast Reactors, Closed Fuel Cycles And New Designs Of Small Modular Reactors

**17:30 Chairman's Closing Remarks**  
*Mr. A.K Anand, Former Director For The Reactor Projects Group, Bhabha Atomic Research Centre (BARC)*

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## Participants To Be Invited From

Ministry of Power  
Department of Atomic Energy (DAE)  
Atomic Energy Commission (AEC)  
Nuclear Power Corporation of India Limited (NPCIL)  
Bharatiya Nabhikiya Vidyut Nigam Limited (BHAVINI)  
Nuclear Fuel Complex (NFC)  
Heavy Water Board (HWB)  
State Electricity Boards  
Transmission and Distribution Companies  
Energy and Environmental Consultants & Auditors  
Bhabha Atomic Research Centre (BARC)  
Regulatory Departments  
Uranium Corporation of India Limited (UCIL)  
Energy Institutes  
Indian Nuclear Society (INS)  
R & D Organization  
Nuclear Power Plants  
Nuclear Equipment Manufacturers

## Company Types

Government / Regulatory Body  
Association  
NPP Operator / Reactor Manufacturer  
Research Institute / Consultant / Law Firm  
Solution Provider

## Job Titles

Government Officials  
CEOs / Presidents  
General Managers / Managing Directors  
Chief Engineer / Technical Director  
VP/Director of Nuclear Division  
VP/Director of Project Development

## Testimonials

"It was organised nicely." - **Consulting Engineering Services India Private Limited**

"Gained new knowledge in several areas. Very insightful." - **IAEA**

"It was a nice opportunity to grasp the trend of nuclear industry." - **KEPCO**

"Very good opportunity to meet & communicate with potentially interesting business entities." - **Intelligent Systems**

"Good Job !" - **World Nuclear Association**

"Excellent. It was helpful to meet potential suppliers and customers." - **Kobe Steel**

"Good quality speakers, positive networking for future business." - **PPG Coatings**

"Nice, interesting, good for networking." - **NKMNOELL**

"Well Organized." - **Tectubi Raccordi**

"Very good preparation and organized professional setup." - **Technetics Group**

## Venue



Hilton – Mumbai International Airport  
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Andheri East,  
Mumbai – 400 099, India  
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