8th Annual Residential Conference & Awards

WATER OPTIMISATION 2027

Recognising Achievements - Advancing Water Security

Special Focus on Power Generation Utilities

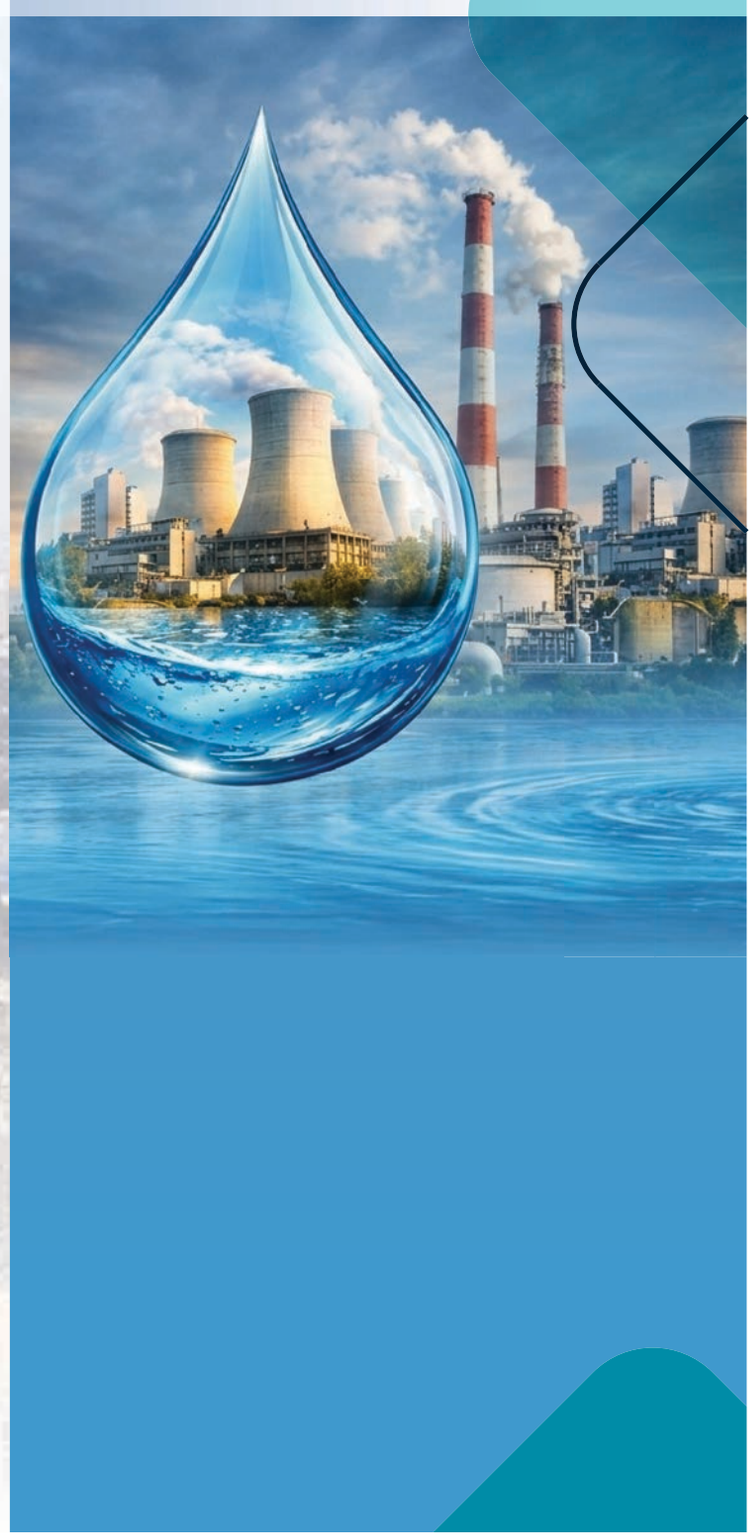
19-21 January 2027, Stone Woods Resort, GOA

Organised By

Mission Energy FOUNDATION (A Not-for-Profit Organisation)

Supported By

Ministry of **Coal**
Ministry of **Power**
Ministry of **Environment & Forest**



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All Inclusive Accommodation

All inclusive 2 Nights Complimentary Stay Including Spouse + Child Below 6 Years

Annual Residential Conference

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

Recognising Efforts of Power Generating Utilities with WATER OPTIMISATION 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 Water Optimisation Awards.

ACCOMPANY SPOUSE | **HOLIDAY DESTINATION** | **ON THE BEACH RESORT** | **NETWORKING OPPORTUNITIES** | **LEARNING WITH LEASURE**

BRIEF BACKGROUND

Water is an essential resource for India's power generation sector, supporting critical operations across thermal power plants, captive power plants and associated industrial facilities. As demand for electricity grows and water resources face increasing pressure, efficient water management has become an important operational priority for the energy industry. Optimising water consumption, strengthening recycling and reuse practices, reducing freshwater dependence, and adopting innovative technologies can contribute to more sustainable and resource-efficient power generation. Equally important is recognising organisations that have demonstrated measurable improvements, implemented successful initiatives and developed solutions with the potential to benefit the wider industry.

WATER OPTIMISATION 2027 – 8th Annual Residential Conference & Awards, organised by Mission Energy Foundation, aims to bring together power generation utilities, captive power plants, technology providers, industry leaders and other stakeholders on a common platform to recognise achievements and encourage the wider adoption of effective water-management practices. Through industry recognition, knowledge exchange and interactive discussions, the platform seeks to showcase successful initiatives, highlight emerging solutions and encourage collaboration between utilities and technology innovators. The Awards will provide an opportunity for organisations to present their achievements, share practical experiences and contribute to advancing water security across India's power generation sector. The event will be held from **19–21 January 2027 at Stone Wood Resorts, Goa,** in a residential format designed to encourage meaningful interaction, professional networking and industry engagement.

A History of 7 Successful Years...















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WHY FOCUSED CONFERENCE ON WATER OPTIMISATION?

Water is a critical resource in thermal power generation, supporting cooling systems, steam generation, ash handling and other essential plant operations. With increasing pressure on water resources, rising operational demands and the need for more efficient resource utilisation, water optimisation has become an important area of focus for India's power generation industry.

Unlike general water-management forums, **WATER OPTIMISATION 2027** focuses specifically on the challenges, achievements and opportunities relevant to thermal power plants and captive power plants. It provides a dedicated platform for power generators to showcase their initiatives, exchange practical experiences and engage with technology providers developing solutions for efficient water use.

The conference recognises that every utility has a different operating environment, technology configuration and water-management strategy. By bringing together industry leaders, plant operators, technology innovators and government representatives, the platform aims to highlight successful practices, encourage measurable improvements and promote solutions that can be adapted across the sector.

A dedicated platform to:

- Recognise Industry Achievements: Showcase utilities that demonstrate strong water performance, meaningful improvements and successful implementation of water-optimisation initiatives.

- Share Proven Practices: Exchange operational experiences, innovative approaches and practical solutions from across the power generation sector.

- Explore Technology Solutions: Understand advances in water recycling, reuse, cooling-system optimisation, wastewater treatment and monitoring.

- Encourage Industry Collaboration: Connect power generators with technology providers, solution developers and industry experts.

- Advance Water Security: Promote responsible water management and support the transition towards more resource-efficient power generation.

WATER OPTIMISATION 2027 – 8th Annual Residential Conference & Awards brings recognition and knowledge exchange together, creating an opportunity for the power generation industry to celebrate achievements, learn from successful initiatives and advance water optimisation across India's thermal power ecosystem.

Timeline AGENDA

Tuesday, 19 January 2027

Hotel Check-In & Relax Day

14.00 Hrs Onwards
Guest Rooms Check-In

20.00 Hrs – 23.00 Hrs
Welcome Gala Dinner

Wednesday, 20 January 2027

Technical Sessions

9.30 Hrs – 18.00 Hrs
Technical Conference

18.00 Hrs – 18.30 Hrs
Award Ceremony

19.00 Hrs – 23.00 Hrs
Live Entertainment & Couple Dance Programme & Cocktail Dinner

Thursday, 21 January 2027

Travelling Day

08.00 Hrs – 10.30 Hrs
Breakfast at Restaurant

Hotel Checkout
*Guest Rooms Check-Out by 11.00 Hrs

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- TO BE ANNOUNCED -

Planned Activities for Family Members











Over the years, Mission Energy Foundation have earnestly planned excitement engagements by organising various activities for family members of participants.

We are currently in the planning phase of activities for 2027 and sure that you shall like them as you did for several years.

PARTICIPANTS PROFILE

- **Power Generation Utilities:** Directors, CEOs, CMDs, business heads and senior management representatives.
- **Thermal Power Plants (TPPs):** Plant heads, station directors, operations and maintenance heads, and engineering professionals.
- **Captive Power Plants (CPPs):** Plant management, utility heads, process engineers and energy managers.
- **Water Management Professionals:** Heads of water systems, water treatment, wastewater management, recycling and reuse.
- **Environment & Sustainability Leaders:** Environmental managers, ESG professionals, sustainability heads and regulatory compliance teams.
- **Engineering & Technical Teams:** Professionals responsible for cooling systems, ash handling, process optimisation and plant performance.
- **Technology Providers & Solution Developers:** Companies offering water treatment, zero liquid discharge, monitoring, automation, recycling and resource-efficiency solutions.
- **EPC & Engineering Consultants:** Organisations involved in the design, modernisation and optimisation of water systems for power plants.
- **Government & Institutional Representatives:** Officials, policymakers, researchers and representatives of relevant technical and industry institutions.
- **Research & Academic Experts:** Specialists working on industrial water management, environmental technologies and sustainable power generation.

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Past Attended Power Plants

Adhunik Power & Natural Resources Limited

ArcelorMittal Nippon Steel India Limited

Bhushan Power & Steel Limited

Birla Corporation Limited

Chhattisgarh State Power Company Limited

Dalmia Cement (Bharat) Limited

Dhariwal Infrastructure Limited

Essar Power Hazira Limited

Forbes Marshall Private Limited

Gujarat Industries Power Company Limited

Hindustan Zinc Limited

IL&FS Tamilnadu Power Company Limited

J K Cement Limited

Jaiprakash Power Ventures Limited

Jindal Power Limited

JK Lakshmi Cement Limited

JSW Energy (Barmer) Limited

JSW Energy Limited

Kalpataru Power Transmission Limited

Lalitpur Power Generation Company Limited

Lanco Anpara Power Limited

Maharashtra State Power Generation Company Limited

Maithon Power Limited

Maruti Clean Coal And Power Limited

MB Power (Madhya Pradesh) Limited

Nalco Water India Private Limited

NLC India Limited

NTPC Limited

Odisha Power Generation Corporation Limited

Orient Cement Limited

Prayagraj Power Generation Company Limited

Prism Johnson Limited

Rosa Power Supply Company Limited

Shree Cement Limited

Steag Energy Services India Pvt. Ltd

Swan Enivronmental Pvt Ltd

Tata Steel Long Products Limited

The Ramco Cements Limited

The Singareni Collieries Company Limited

The Tata Power Co Ltd

The West Bengal Power Development Corporation Limited

thyssenkrupp Industries India Private Limited

Vedanta Limited

West Bengal Power Development Corporation

... & Many More

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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 **WATER OPTIMISATION - 2027** 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

Table of Sponsorship Options - With Benefits Details as below

PRINCIPAL SPONSOR	POWERING SPONSOR	KNOWLEDGE SPONSOR	SUPPORTING SPONSOR	ASSOCIATE SPONSOR	DOCUMENT sponsor
INR 745000 / USD 9950	INR 645000 / USD 8950	INR 545000 / USD 7950	INR 445000 / USD 6950	INR 345000 / USD 5950	INR 245000 / USD 4950
7 Delegate Passes	5 Delegate Passes	3 Delegate Passes	2 Delegate Passes	1 Delegate Passes	Logo on Conference Backdrop
Logo on Brochure Cover Page	Logo on Brochure Cover Page	Logo on Brochure Cover Page	Logo on Brochure Cover Page	Logo on Brochure Cover Page	Logo on Conference Website
Logo on Brochure Inside Page	Logo on Brochure Inside Page	Logo on Conference Backdrop	Logo on Conference Backdrop	Logo on Conference Website	Thanking Announcements
Logo on Conference Backdrop	Logo on Conference Backdrop	Logo on Conference Website	Logo on Conference Website	Circulation of Company Literature	
Logo on Registration Desk Backdrop	Logo on Registration Desk Backdrop	Circulation of Company Literature	Circulation of Company Literature	Thanking Announcements	
Logo on Conference Website	Logo on Conference Website	Thanking Announcements	Thanking Announcements		
Corporate Banner in Networking Area	Banner in Networking Area	Panel Discussion Panelist			
Merchandise Distribution	Merchandise Distribution				
Screening of Company Film	Screening of Company Film				
Circulation of Company Literature	Circulation of Company Literature				
Thanking Announcements	Thanking Announcements				
Speaking Opportunity - Day 1	Speaking Opportunity - Day 2				
Panel Discussion Moderator	Panel Discussion Panelist				

Sponsorship Enquiries

Shehzad Khwaja, Sr Manager Sponsorship
sponsorship@missionenergy.org / +91 9769310944



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2027 WATER OPTIMISATION AWARDS

Recognising Excellence.
Advancing Water Security.

WATER OPTIMIDATION AWARDS



The **Water Optimisation Awards 2027**, presented by Mission Energy Foundation, aim to recognise and celebrate organisations that demonstrate excellence, innovation and commitment towards responsible water management in India's power generation sector.

Water plays a vital role in thermal power generation, from cooling systems and steam generation to ash handling and other plant operations. Recognising organisations that optimise water consumption, improve recycling and reuse, implement innovative technologies and achieve meaningful operational improvements is essential to advancing water security across the industry.

The Awards provide a platform for Thermal Power Plants (TPPs), Captive Power Plants (CPPs) and technology innovators to showcase their achievements, share successful initiatives and demonstrate their contributions towards efficient and sustainable water management.

Who Can Participate?

Thermal power generating utilities, including public and private sector operators.
Captive power plants across industrial sectors.
Water treatment, recycling and wastewater-management technology providers.
Engineering, procurement and construction companies.
Technology developers and solution providers serving the power generation industry.
An Achievement-Led Recognition Platform

The Awards seek to recognise both organisations that demonstrate strong existing performance and those that have achieved significant improvements through successful initiatives.

Nominations may highlight plant-wide performance, specific projects, implemented technologies or operational improvements. Assessment would consider the nature of the achievement and the supporting evidence relevant to the submission.

Every eligible nomination would be considered against the applicable assessment criteria. Recognition would be based on demonstrated merit rather than a predetermined number of winners.

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What Do the Awards Recognise?

Excellence in Water Performance & Measurable Water Optimisation

Recognising organisations demonstrating strong water-use efficiency and effective water-management practices. Celebrating demonstrable reductions in water consumption, freshwater dependence and water losses through operational improvements.

Water Recycling, Reuse & Technology Adoption

Recognising successful initiatives that increase water recovery, recycling and reuse within power generation facilities. Highlighting the implementation of advanced technologies, monitoring systems, process improvements and innovative water-management solutions.

Wastewater Management & Improvement Initiatives

Acknowledging initiatives that improve wastewater treatment, recovery and reuse, including effective management of treated effluent. Recognising implemented projects that deliver meaningful operational benefits, even where long-term performance data is still developing.

- AWARD NOMINATION PROCESS -

Submit Nomination

Apply Online and make the payment.

Submit the completed application along with relevant information and we may contact for softcopy of the documents, if required.

If interested in applying for more than one unit / projects from the same company or more than one location, separate request for applications and fees should be submitted for each nomination.

Selection Procedure

Evaluation of nominations for Water Optimisation Award is an intensive process. Nominations are evaluated by experts from Government, Academia and Industry.

Preliminary evaluation of shortlisted nominations. Powerpoint presentation with original documents by all short-listed nominee companies / units shall be asked, if required.

Award Presentation

Relax and wait for the winner's announcement day i.e, 08 January 2027. If your nominated company / units have demonstrated the highest level of commitment and best practice towards the Water Optimisation Awards, you shall be recognised and honoured.

Winners of Water Optimisation Awards 2027 shall be honoured during the conference i.e., Wednesday, 20 January 2027.

KEY DATES TO REMEMBER

Nominations Opens
Monday, 26 October 2026

Nominations Closes
Friday, 25 December 2027

Winners Announced
Friday, 08 January 2027

Winners Awarded
Wednesday, 20 January 2027

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- AWARD CATEGORIES -

1. Best Water-Efficient Thermal Power Plant Below 500 MW – Coal	2. Best Water-Efficient Thermal Power Plant Below 500 MW – Lignite	3. Best Water-Efficient Thermal Power Plant Below 500 MW – Gas	4. Best Water-Efficient Thermal Power Plant Above 500 MW – Coal
Coal-fired thermal power plants with an installed capacity below 500 MW that demonstrate efficient water use.	Lignite-fired thermal power plants below 500 MW demonstrating effective water management.	Gas-based thermal power plants below 500 MW with strong water-efficiency performance.	Coal-fired thermal power plants above 500 MW demonstrating water-efficient operations.
5. Best Water-Efficient Thermal Power Plant Above 500 MW – Lignite	**6. Best Water-Efficient Thermal Power Plant Above 500 MW – Gas**	**7. Best Water-Efficient Captive Power Plant – Coal**	**8. Best Water-Efficient Captive Power Plant – Lignite**
Lignite-fired thermal power plants above 500 MW demonstrating effective water optimisation.	Gas-based thermal power plants above 500 MW demonstrating efficient water use.	Coal-based captive power plants supplying electricity primarily to their own industrial facilities.	Lignite-based captive power plants demonstrating effective water management.
9. Best Water-Efficient Captive Power Plant – Gas	**10. Excellence in Water Optimisation – Overall Thermal Power Plant**	**11. Best Rainwater Harvesting Initiative**	**12. Best Sewage Treatment Plant**
Gas-based captive power plants demonstrating water-efficiency performance.	Thermal power plants of any capacity or fuel type demonstrating outstanding overall water-management performance and measurable results.	Power plants and industrial facilities implementing effective rainwater harvesting, storage or groundwater-recharge projects.	Power plants or industrial facilities operating sewage treatment systems with demonstrated treatment efficiency and reuse outcomes.
13. Best Zero Liquid Discharge Plant	**14. Best Water Recycling & Reuse Initiative**	**15. Best Freshwater Conservation Initiative**	**16. Best Treated Sewage Water Utilisation Initiative**
Facilities that have implemented and operate a zero-liquid-discharge system, supported by operational evidence.	Facilities that recycle and reuse process water, cooling water, wastewater or other water streams.	Facilities that have measurably reduced freshwater withdrawal or consumption through effective interventions.	Power plants and industries using treated municipal sewage or sewage-treatment-plant effluent as an alternative water source.
17. Best Wastewater Recovery & Reclamation Initiative	**18. Best Water Loss Reduction Initiative**	**19. Best Water Audit & Management Initiative**	**20. Best Integrated Water Management Initiative**
Facilities recovering wastewater for reuse through treatment, reclamation or resource-recovery systems.	Facilities that have reduced water losses from leakage, evaporation, blowdown, overflow or other operational sources.	Power plants, industrial facilities or organisations conducting comprehensive water audits and implementing recommendations.	Facilities implementing a coordinated approach covering water sourcing, consumption, recycling, treatment, discharge and monitoring.

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- AWARD CATEGORIES -

21. Best Cooling Water System	22. Best Cooling Tower Optimisation Initiative	23. Best Condensate Recovery Initiative	24. Best Ash Handling Water Management Initiative
Power plants with cooling-water systems demonstrating efficient water use, reliable operation and effective control of losses.	Facilities that have improved cooling-tower performance through measures such as cycle-of-concentration optimisation, drift control or improved operating practices.	Power plants or industrial facilities recovering and reusing condensate to reduce freshwater demand and improve system efficiency.	Coal- or lignite-based power plants demonstrating efficient water management in wet or other ash-handling operations.
25. Best Ash Pond Water Recovery Initiative	**26. Best Boiler & Steam Cycle Water Management Initiative**	**27. Best Industrial Water Treatment Plant**	**28. Best Water-Efficient Plant Modification or Retrofit**
Power plants recovering, treating or reusing water from ash ponds or ash-water systems.	Power plants or industrial facilities improving boiler-feedwater quality, condensate return, steam-cycle efficiency or water losses.	Power plants and industrial facilities operating effective raw-water, process-water, demineralisation or other industrial water-treatment systems.	Power plants or industrial facilities that have upgraded existing equipment or processes to achieve demonstrable water savings.
29. Best Water Management Initiative for Auxiliary Systems	**30. Best Integrated Wastewater Management System**	**31. Technology Excellence – Water System Design & Engineering**	**32. Technology Excellence – Water Treatment Technology Provider**
Facilities that have improved water efficiency in auxiliary systems, such as service water, equipment cooling, cleaning or other supporting operations.	Facilities integrating wastewater collection, treatment, recovery, reuse and discharge management into a coordinated system.	Engineering consultants, design firms and technology companies responsible for innovative or high-performing water-system designs.	Manufacturers and technology providers supplying water-treatment, purification or treatment-process solutions.
33. Technology Excellence – Recycling & Reuse Solutions Provider	**34. Technology Excellence – Cooling System Solutions Provider**	**35. Best Digital Water Management Initiative**	**36. Best Automation & Real-Time Water Monitoring Initiative**
Facilities that have implemented and operate a zero-liquid-discharge system, supported by operational evidence.	Facilities that recycle and reuse process water, cooling water, wastewater or other water streams.	Facilities that have measurably reduced freshwater withdrawal or consumption through effective interventions.	Power plants and industries using treated municipal sewage or sewage-treatment-plant effluent as an alternative water source.

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- AWARD CATEGORIES -

37. Best Innovative Water Optimisation Technology	38. Best EPC Project for Water Optimisation	39. Best Research & Development Initiative in Water Management	40. Best Water Management Team
Technology developers, start-ups, research organisations and companies with innovative solutions that demonstrate practical water-saving potential or results.	Engineering, procurement and construction companies that have delivered water-optimisation projects for power plants or industrial facilities.	Universities, research institutions, corporate R&D teams and technology developers conducting relevant water-management research with practical or promising applications.	Water, environment, operations or utility teams within power plants and industrial facilities that have delivered measurable improvements.
41. Water Conservation Champion – Individual	**42. Water Optimisation Leader of the Year**	**43. Women Icon in Water Management**	**44. Outstanding Contribution to Water Management in Power Generation**
Professionals who have personally led or significantly contributed to water-conservation initiatives in power generation or related industries.	Senior executives, plant heads, utility leaders or technical leaders who have demonstrated sustained leadership in water optimisation.	Women professionals who have made a demonstrable contribution to water management, conservation, technology, research or leadership.	Individuals or organisations with a significant, sustained contribution to advancing water-management practices in the power sector.

- Registration Process -

Online Registration

To participate as Delegates / be a Speaker / book a EXPO, fill and submit online form from the links below.

Receive Invoice

We will email you an digitally signed invoice along with necessary required documents for processing the payment. The original invoice (only on request) shall be sent to your postal address.

Make Payment

Make online payment via Bank Transfer or send Cheque / DD to our postal address.

- Registration Fee Structure -

DELEGATE Registration

Indian Delegate INR 42500 + 18% GST

Overseas Delegate USD 950

Discounts: 5% for 3+ or 10% for 7+ participants

AWARD Nomination

Indian Company INR 49500 / Category + 18% GST

Overseas Company USD 1250 Per Categories

Discounts: 5% for 2+ Categories / 10% for 5+ Categories

Organiser

Mission Energy
FOUNDATION
(A Not-for-Profit Organisation)



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 Begining

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.

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