2 EDITION

Regulatory Affairs

Conference & Awards

2025

12 - 13 June 2025

The Lalit - New Delhi

- Well Supported By -

सत्यमेव जयते
Ministry of **Power**

सत्यमेव जयते
Ministry of **Coal**

सत्यमेव जयते
Ministry of **Environment & Forest and Climate Change**

सत्यमेव जयते
NITI Aayog

Organised By

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

+91 98560 98360

HELP@MISSIONENERGY.ORG

HTTPS://MISSIONENERGY.ORG/REGULATORY25/

BACKGROUND

Currently India has 27,000 megawatts of thermal power under construction. About 12,000 megawatts which have been bid out. About 19,000 megawatts are under various stages of clearances. By 2030, India will have added 90 gigawatts. In renewable, India already has a renewable energy capacity of 181,000 megawatts. We now have 1,30,000 megawatts under construction. We have about 71,000 megawatts under bid. In hydro, we have about 18,000 megawatts under construction. We also have about 15,000 megawatts which are under surveys and investigation.

1,89,052 circuit kilometres (ckm) of transmission lines, 6,88,142 MVA of Transformation capacity and 80,590 MW of inter- regional capacity have been added, connecting the whole country into one grid running on one frequency with the capability of transferring 1,16,540 MW from one corner of the country to another.

Meeting these goals will lead to huge regulatory challenges for Power producers in India.

The power sector in India is heavily regulated by various government agencies and bodies at both the central and state levels due to its critical role in providing electricity, which is essential for economic development, public welfare, and national security. Central Electricity Regulatory Commission (CERC) and State Electricity Regulatory Commissions (SERC) regulate tariff for generation, supply, transmission and wheeling of electricity. Central Pollution Control Board (CPCB), State Pollution Control Boards (SPCB) are responsible for implementation of legislations relating to prevention and control of environmental pollution.

Regulatory affairs in the power sector are vital for ensuring compliance with regulations, navigating complex regulatory environments, and shaping policies that promote the efficient, reliable, and sustainable generation, transmission, and distribution of electricity.

The Power sector regulatory affairs deal with the regulatory requirements for setting up and running of Power Plants. This field is facing a myriad of forces impacting all aspects of the growth and development of the Power sector. Changes in global megatrends, such as geopolitical shifts and the rise of the green economy, have emphasised the importance of power security, and reducing the environmental impacts it brings. An ever-increasing population has meant that India has always had a great demand which supply has been unable to meet effectively. However, rapid changes due to advances in technology, digital disruption, and innovative solutions means India will not only meet that demand but in fact be able to export the excess.

Challenges & Opportunities

Addressing these regulatory challenges requires coordinated efforts by policymakers, regulators, industry stakeholders, and civil society to create an enabling environment for sustainable and resilient power generation in India. Regulatory reforms, policy incentives, technological innovations, and capacity-building initiatives are essential to overcome these challenges and drive the transition towards a cleaner, more efficient, and inclusive energy sector.

Environmental Regulations: Power plants in India are subject to stringent environmental regulations aimed at reducing air and water pollution, conserving natural resources, and mitigating climate change. Compliance with emission norms for pollutants such as sulfur dioxide (So2), nitrogen oxides (NOx), particulate matter (PM), and mercury poses significant challenges for both existing and new power plants. Ensuring compliance with emission limits requires investment in pollution control technologies and continuous monitoring of emissions.

Land Acquisition and Permitting: Acquiring land for power plant construction and obtaining necessary permits and approvals from government authorities can be time-consuming and complex processes in India. Delays in land acquisition and permitting can lead to project delays, cost overruns, and operational challenges for power plant developers..

Fuel Supply and Pricing: Availability and pricing of fuel, particularly coal and natural gas, are critical challenges for thermal power plants in India. Dependency on imported coal and fluctuating fuel prices can affect the economics of power generation and lead to financial stress for power producers. Policy interventions and regulatory reforms to ensure reliable fuel supply, promote domestic coal production, and stabilize fuel prices are essential to mitigate these challenges.

Renewable Energy Integration: The rapid growth of renewable energy sources, such as solar and wind power, presents integration challenges for conventional thermal power plants in India. Variability and intermittency of renewable energy generation require thermal power plants to operate flexibly to maintain grid stability and balance supply and demand. Regulatory frameworks and grid infrastructure upgrades are needed to facilitate the seamless integration of renewable energy into the power grid.

Water Availability and Cooling Technologies: Water scarcity and environmental concerns related to water consumption and discharge are significant challenges for thermal power plants, particularly those using once-through cooling systems. Compliance with water usage norms and adoption of water-efficient cooling technologies, such as dry cooling or hybrid cooling systems, require regulatory support and investment in infrastructure upgrades.

Financial Viability and Tariff Regulations: Regulatory uncertainty, tariff regulations, and payment delays by state-owned distribution utilities pose financial challenges for power plant developers and investors in India. Ensuring a stable regulatory framework, timely tariff revisions, and enforcement of payment mechanisms are essential to attract investment and maintain the financial viability of power projects.

Grid Infrastructure and Transmission Constraints: Inadequate grid infrastructure and transmission constraints affect the evacuation of power from generating stations to consumption centers, leading to grid congestion and curtailment of power generation. Regulatory reforms and investments in grid modernization and transmission infrastructure are necessary to address these challenges and enhance grid reliability and efficiency.

Compliance and Enforcement: Effective enforcement of regulatory standards, monitoring mechanisms, and compliance inspections are critical to ensuring that power plants adhere to environmental, safety, and operational regulations. Strengthening regulatory capacity, enhancing transparency, and imposing penalties for non-compliance are essential for maintaining regulatory integrity and promoting responsible operation of power plants.

Government Policies & Initiatives

In India, several government policies and regulations affect power plants, aiming to promote energy security, sustainability, and environmental protection. Some of the key policies and regulations include:

Electricity Act, 2003: The Electricity Act governs the generation, transmission, distribution, trading, and use of electricity in India. It aims to promote competition, efficiency, and sustainability in the power sector through measures such as open access, renewable purchase obligations (RPOs), and regulatory oversight.

National Electricity Policy, 2005: The National Electricity Policy provides guidelines and objectives for the development of the power sector in India. It emphasizes the promotion of renewable energy, energy efficiency, environmental sustainability, and universal access to electricity.

National Action Plan on Climate Change (NAPCC): The NAPCC outlines India's strategy for addressing climate change and promoting sustainable development. It includes initiatives such as the National Solar Mission, National Mission for Enhanced Energy Efficiency, and National Mission on Sustainable Habitat, which impact power generation and consumption patterns.

Renewable Energy Policies: Various policies and programs promote renewable energy development in India, including the National Solar Mission, National Wind Energy Mission, National Bioenergy Mission, and state-level renewable energy policies. These policies provide incentives, subsidies, and regulatory support to encourage investment in renewable energy projects.

Energy Conservation Act, 2001: The Energy Conservation Act aims to promote energy efficiency and conservation measures across sectors, including power generation, transmission, and distribution. It mandates energy audits, labeling of appliances, energy consumption standards, and energy conservation building codes.

Environmental Regulations: Power plants in India are subject to environmental regulations aimed at minimizing pollution and protecting natural resources. Key regulations include the Environmental Impact Assessment (EIA) Notification, Air (Prevention and Control of Pollution) Act, Water (Prevention and Control of Pollution) Act, and Hazardous Waste Management Rules.

Coal Mining and Coal Allocation Policies: Policies related to coal mining, allocation, and pricing impact coal-based power generation in India. The Coal Mines (Special Provisions) Act, 2015, and the Coal Mines (Nationalization) Act, 1973, govern coal mining activities, while coal allocation policies influence the availability and cost of coal for power plants.

Power Purchase Agreements (PPAs): PPAs between power producers and distribution utilities or consumers govern the sale and purchase of electricity generated by power plants. PPAs often include provisions related to tariffs, payment mechanisms, capacity utilization factors, and renewable energy purchase obligations.

Tariff Regulations: Power tariffs for different categories of consumers, including industrial, commercial, and residential, are regulated by state electricity regulatory commissions (SERCs) and the Central Electricity Regulatory Commission (CERC). Tariff regulations impact the revenue streams and financial viability of power plants.

Grid Connectivity and Interconnection Regulations: Regulations govern the technical and commercial aspects of grid connectivity and interconnection for power plants, ensuring seamless integration into the electricity grid and efficient operation of the power system.

These policies and regulations shape the operating environment for power plants in India, influencing investment decisions, technology choices, operational practices, and compliance requirements across the power sector.

Regulatory Affairs Conference & Awards 2025

2 EDITION

12 - 13 June 2025
The Lalit - New Delhi

the CONFERENCE

Two day conference + AWARDS on **Regulatory Affairs** for Power Sector is scheduled on 12 - 13 June 2025, The Lalit - New Delhi. It aims to address the challenges faced by the Regulatory Department of Utility and Captive Power Plants in India.

This Regulatory Department is involved in the management of regulatory policies, compliance, and interactions with government agencies, industry organisations, and stakeholders.

However, understanding the norms and regulations is always a challenge. By bringing the key stakeholders together we aim resolve these challenges and help the Power Producers to meet all regulatory norms.

FOCUSSED COVERAGE ON

- Policy Compliance
- Licensing and Permissions
- Tariff Regulations
- Grid Interconnection
- Compliance Reporting and Audits
- Technologies and Innovations
- Risk Management

Who Should Participate?

- Regulators & Policy Makers
- Regulatory & Legal Department of Utilities and Power Producers
- Lawyers & Law Firms
- Industry Bodies and Business Chambers
- Research Institutes & Academia
- Environmentalists
- Technocrats & Consultants

What Topics are Covered?

- Policy Compliance
- Licensing and Permissions
- Tariff Regulation
- Grid Interconnection
- Compliance Reporting and Audits
- Technologies and Innovations
- Risk Management

Why Should You Attend?

- India's only conference on Regulatory & Legal for Power Sector
- Special focus on Coal, Lignite, Gas, Hydro & Renewables.
- Opportunity to meet all stakeholders in Regulatory & Legal.
- 2 Days of Value Packed Interactive Sessions
- Exclusive Regulatory Compliance Awards
- 25+ Technical Presentations
- 4+ Industry Case Studies
- 100+ Participants

Conference FOCUS AREA

Policy Compliance

Power plant policy compliance refers to the adherence of power plants to regulations, standards, and policies established by governmental authorities or regulatory bodies. Ensuring compliance with these policies is essential to mitigate environmental impacts, protect public health, and promote the sustainable operation of power generation facilities. Ensuring compliance with power plant policies requires proactive management, robust environmental management systems, and a commitment to continuous improvement. By adhering to regulatory requirements and adopting best practices in environmental stewardship, power plants can minimize their environmental footprint and contribute to sustainable development goals.

Environmental Regulations - Permitting and Licensing - Renewable Energy Requirements - Energy Efficiency Standards - Carbon Pricing and Emissions Trading - Reporting and Monitoring - Stakeholder Engagement and Public Disclosure

Licensing and Permissions

Licensing and permissions are essential components of the regulatory process that power plant developers must navigate before constructing and operating a power generation facility. These processes involve obtaining various permits, approvals, and licenses from governmental authorities and regulatory bodies. Navigating the licensing and permitting process for power plants requires careful planning, coordination with regulatory agencies, environmental assessments, stakeholder engagement, and compliance with legal and regulatory requirements. By obtaining the necessary licenses and permissions, power plant developers can ensure regulatory compliance, minimize project delays, and mitigate risks associated with environmental and legal liabilities.

licensing and permissions - Environmental Impact Assessment (EIA) - Permitting Process - Air Emissions Permits - Water Permits - Land Use and Zoning Approvals - Grid Connection Approval - Public Consultation and Stakeholder Engagement - Construction Permits - Operational Licenses and Certifications

Compliance Reporting and Audits

Compliance reporting and audits are essential components of ensuring that power plants adhere to regulatory requirements, environmental standards, and operational guidelines. These processes involve monitoring, measuring, documenting, and verifying various aspects of power plant operations to demonstrate compliance with applicable laws and regulations. Compliance reporting and audits play a critical role in promoting transparency, accountability, and continuous improvement in power plant operations. By adhering to regulatory requirements, monitoring environmental performance, and addressing non-compliance issues promptly, power plants can minimize their environmental impact and maintain operational integrity.

Compliance Reporting - Compliance Audits - Corrective Actions and Follow-Up

Technologies and Innovations

Technologies and innovations play a crucial role in ensuring power plant compliance with environmental regulations, emissions standards, and sustainability goals. These technologies and innovations enable power plants to meet stringent compliance standards, reduce environmental impacts, and transition towards a more sustainable and resilient energy future. By investing in advanced technologies and adopting best practices, power plants can enhance their competitiveness, minimize risks, and contribute to global efforts to combat climate change and protect the environment.

Air Pollution Control Technologies - Carbon Capture, Utilization, and Storage (CCUS) - Renewable Energy Integration - Energy Efficiency Improvements - Smart Grid and Energy Storage - Advanced Monitoring and Control Systems - Digitalization and Data Analytics

Risk Management

Risk management in power plants involves identifying, assessing, mitigating, and monitoring risks that could impact the safe, reliable, and efficient operation of the facility. Power plants face various types of risks, including operational, financial, regulatory, environmental, and safety risks. Effective risk management practices are essential to minimize the likelihood and impact of these risks and ensure the long-term viability of power generation operations. By implementing robust risk management practices, power plants can enhance operational efficiency, safeguard assets, protect stakeholders, and mitigate adverse impacts on the environment and communities. Effective risk management contributes to the long-term sustainability and resilience of power generation facilities in an increasingly complex and uncertain operating landscape.

Risk Assessment - Risk Mitigation Strategies - Operational Risk Management - Financial Risk Management - Regulatory Compliance - Safety and Health Risk Management - Emergency Preparedness and Business Continuity - Continuous Monitoring and Review

Regulatory Affairs Conference & Awards 2025

2 EDITION

12 - 13 June 2025
The Lalit - 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 **Regulatory Affairs - 2025** 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

Refer to the below tabular of varied sponsorship options and benefits.

PRINCIPAL SPONSOR	POWERING SPONSOR	KNOWLEDGE SPONSOR	SUPPORTING SPONSOR	ASSOCIATE SPONSOR	DOCUMENT sponsor
INR 745000 / USD 9950	INR 645000 / USD 8950	INR 545000 / USD 6950	INR 445000 / USD 6950	INR 345000 / USD 5950	INR 24500 / USD 4950
7 Delegate Passes	5 Delegate Passes	3 Delegate Passes	3 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	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				

To Sponsor contact: Shri. S Dalvi

President Partnerships & Legal Counsel
dalvi@missionenergy.org
+919769310944

2 EDITION

Regulatory Affairs
Conference & Awards
2025

12 - 13 June 2025
The Lalit - New Delhi

CALL FOR SPEAKERS OPEN

If you are interested in speaking at the 2025 conference we are inviting you to put forward your presentation proposal for review by our international conference advisory board. Please note that not all submissions can be accepted but all will be considered ahead of the final submission deadline.

We encourage proposals from speakers with deep technical and practical expertise in all aspects of Regulatory Affairs Compliance

Deadline For Paper Submission Friday, 15 March 2025

- CALL FOR SPEAKERS SUBMISSION PROCESS -

Proposals must be submitted by online speaker registrartion mode. If selected to speak, all presenters will be required to submit a presentation in PowerPoint format at least 2 weeks in advance of the conference to ensure guidelines are met.

If you have any questions, please contact

Janvion Rodrigues, Chief Production
janvion@missionenergy.org, +91 9992 830 831

2 EDITION

Regulatory Affairs Conference & Awards 2025

12 - 13 June 2025
The Lalit - New Delhi

Regulatory Compliance Awards 2025

Regulatory Compliance Awards 2025

Mission Energy Foundation is proud to have honoured hundreds of innovative developments and solutions for excellence and sustainability among the utilities, small or large, who have demonstrated their efforts in generation of clean energy.

The Regulatory Compliance Awards have been established to recognize power plants that demonstrate exceptional commitment to regulatory compliance, environmental stewardship, and safety excellence. This award would celebrate power plants that go above and beyond regulatory requirements to ensure the highest standards of environmental protection, operational safety, and community engagement.

The Regulatory Compliance Award program would not only recognize and celebrate exemplary compliance efforts but also inspire continuous improvement, innovation, and best practices across the power generation industry. By showcasing leadership in regulatory compliance and environmental stewardship, award recipients can serve as role models and catalysts for positive change within the industry.

The Regulatory Compliance Awards – 2025, to catalyze significant and innovative practices in the energy sector, for facilitating compliance and sustainable growth of the Indian industry.

Regulatory Compliance Awards - Categories

01 Environment Compliance

02 Operations & Maintenance Compliance

03 Project Set Up Compliance

04 Grid Compliance

05 Technology & Innovations in Compliance

06 Disaster Management & Safety Compliance

the WINNERS

The Winners of **The Regulatory Compliance Awards – 2025** shall be honored during the valedictory session of the conference on the second day i.e., **13 June 2025.**

Evaluation Process

A 10 slide presentation must be submitted detailing the work done under the selected award category within a week from the date of online registration. Please attach copies of all supporting documents of claims made in the presentation. Only commissioned and live projects will be considered.

Important Dates

10 March 2025	16 May 2025	31 May 2025	13 June 2025
1100 Hrs Nomination Opens	1700 Hrs Nomination Closes	Winners Announced	Winners Shall be Honoured

HTTPS://MISSIONENERGY.ORG/REGULATORY25/ HELP@MISSIONENERGY.ORG +91 98560 98360

Regulatory Affairs Conference & Awards 2025

2 EDITION

12 - 13 June 2025
The Lalit - New Delhi

PARTICIPATION FEE

DELEGATE Registration

Indian Delegate:

Non-Residential
INR 26500 + 18% GST

Residential
INR 51500 + 18% GST

Overseas Delegate:

Non-Residential
USD 650

Residential
USD 900

Group Discount
5% for 3+ Participants
10% for 7+ Participants

AWARD Nomination

Indian Company:

Non-Residential
INR 36500 + 18% GST

Residential
61500+ 18% GST

Overseas Company:

Non-Residential
USD 950

Residential
USD 1250

Category Discount
5% for 2+ categories
10% for 5+ categories

SPEAKER Registration

Indian Speaker:

Non-Residential
INR 36500 + 18% GST

Residential
INR 61500 + 18% GST

Overseas Speaker:

Non-Residential
USD 950

Residential
USD 1250

VENUE

Hotel Lalit - New Delhi
Barakhamba Avenue, Connaught Place
New Delhi-110001
+91 11 4444 7777

Registrations can be processed with our new AI CHATBOT on WhatsApp
(Alternatively type "/RegistrationDesk" & sent to +15557000808 from your WhatsApp, if you face difficulties)

Register NOW

HTTPS://MISSIONENERGY.ORG/REGULATORY25/ | HELP@MISSIONENERGY.ORG | +91 98560 98360

Organiser

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

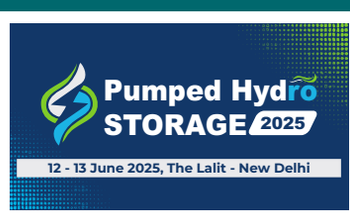
The Organisation
Mission Energy Foundation is a persistent, private, not-for-profit endeavour based in Mumbai, India. We are registered under sec 25 (1), 80G & 12AA respectively.

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.

UPCOMING EVENTS



Mission Energy Foundation (A not-for-profit Organisation)
003, B-16, Sector 1, Shanti Nagar, Mira Road, Thane, Maharashtra - 401107

HTTPS://MISSIONENERGY.ORG/REGULATORY25/ HELP@MISSIONENERGY.ORG +91 98560 98360