



NATIONAL CONFERENCE

शाश्वत ऊर्जा

“स्वच्छ ऊर्जा, हरित पर्यावरण, सुरक्षित भविष्य”



**Gandhinagar,
Gujarat**



02-03 July 2026



**Organized by Need Mission in
association with CBIP**



About Need Mission

Founded in 2012, the National Environment and Energy Development Mission (NEED Mission) is a non-profit organization and an initiative of Vijnana Bharati, dedicated to building an energy-secure, sustainable, and self-reliant India. With presence across 20 states and a national headquarters in Bhopal, we work at policy, technology, and grassroots levels to promote energy efficiency, renewable energy adoption, and environmental conservation. Our multidisciplinary team of experts drives innovative solutions, capacity building, and youth skill development while bridging gaps between technology, finance, and governance. Through awareness programs, research, and stakeholder engagement, we translate vision into action for a cleaner, greener future.

About CBIP

The Central Board of Irrigation & Power (CBIP), established in 1927 and headquartered in New Delhi, is India's premier professional body in the fields of irrigation, water resources, and power. With a national presence and a legacy of over nine decades, CBIP serves as a knowledge hub, promoting sustainable development, policy advocacy, and capacity building across the water and energy sectors.

CBIP brings together engineers, researchers, policymakers, and industry experts to facilitate technology transfer, research dissemination, and best practices through conferences, training programs, technical publications, and advisory services. As a leading facilitator of knowledge and innovation, CBIP supports government agencies, utilities, and stakeholders in advancing efficient, equitable, and climate-resilient infrastructure for India's growth.

About Conference

Join an inspiring two-day Energy Conference on “शाश्वत ऊर्जा” – Integrated Solutions Across the Power Sector”, bringing together policy makers, utilities, researchers, industry leaders, and academicians on a single collaborative platform. The conference will showcase cutting-edge insights on renewable generation, green hydrogen, advanced transmission planning, smart distribution networks, EV integration, battery energy storage systems, and AI-based grid management. What makes this event truly attractive is its end-to-end integrated approach, connecting Generation, Transmission, and Distribution into one unified Net Zero ecosystem, along with dedicated sessions on safety, cybersecurity, and emerging technologies—making it a must-attend forum for shaping India's clean energy future.

Who Should Attend

This conference is aimed at professionals of power sector utilities; generation, transmission and distribution companies; renewable energy developers; policy makers; research and academic institutions; technology providers; system integrators; regulators; consultants; startups; infrastructure planners; cybersecurity specialists; EV ecosystem stakeholders; energy storage solution providers; and postgraduate/doctoral students, as well as individuals engaged in grid planning, operations, safety, digitalization, and decarbonization initiatives, who are committed to advancing a resilient, intelligent, and Net-Zero power ecosystem.

#Decarbonization

#Decentralization

#Digitalization

Call for Technical Paper

All professionals, academicians, researchers, and industry experts are cordially invited to contribute their original research outcomes, innovative concepts, practical field experiences, and case studies by submitting abstracts (minimum 500 words) to the Programme **Email ID: needmissionvibha@gmail.com**. Abstracts will undergo a review process, and accepted papers will be included in the official Conference Proceedings, subject to at least one author presenting the paper during the conference, as presentation is mandatory. Each author and co-author, including the presenting author, must complete individual registration by paying the applicable registration fee.

Additionally, a select number of high-quality papers presented at the conference will be shortlisted for publication in the prestigious "CBIP Journal."

Conference Topics:

The conference will cover a broad spectrum of themes and emerging areas relevant to the power and energy sector, including—but not limited to—the following topics:

Net-Zero Power System Architecture <ul style="list-style-type: none">• Integrated G–T–D Planning• Utility Decarbonization Roadmap	High Renewable Grid Stability <ul style="list-style-type: none">• Inverter-Based Resource Stability• Grid-Forming Control Methods
Energy Storage Technologies <ul style="list-style-type: none">• Storage Sizing and Siting• Renewable Firming & Peak Support	Smart Distribution Networks <ul style="list-style-type: none">• Digital Substations & Automation• Voltage Control & Hosting Capacity
Electric Vehicles & Coupling <ul style="list-style-type: none">• EV Grid Impact• V2G / V1G Flexibility	AI-Based Grid Management <ul style="list-style-type: none">• Load & Generation Forecasting• Predictive Fault Analytics
Grid Resilience & Reliability <ul style="list-style-type: none">• Extreme Weather Resilience• Self-Healing Restoration	Smart Grid Cybersecurity <ul style="list-style-type: none">• OT/IT Security Frameworks• SCADA Device Protection
Demand Response & VPP <ul style="list-style-type: none">• Flexible Load Aggregation• Market Participation Models	Safety in Power Systems <ul style="list-style-type: none">• Safe O&M Practices• Workforce Skill Development
Generation <ul style="list-style-type: none">• Hydro Power, Nuclear• Pump Storage, Hydrogen	Financing <ul style="list-style-type: none">• Infrastructure Financing• Power Financing

Event Sponsorship Opportunity

Benefits	Platinum 7,50,00	Gold 5,00,000	Silver 2,50,000	Supporter 1,00,000
Recognition as Sponsor in Conference materials	✓	✓	✓	✓
Logo display on Conference backdrop & banners	✓	✓	✓	✓
Opportunity to display standees at the venue	✓	✓	-----	-----
Complimentary registrations	25	15	8	3
Acknowledgment during inaugural and closing sessions	✓	✓	✓	✓
Opportunity to speak in a session or panel discussion	✓	✓	-----	-----
Exhibition Stall	✓	-----	-----	-----
Invitation to key person of organisation as special invitee	✓	✓	-----	-----
Branding through promotional materials on delegate kit	✓	✓	-----	-----

#Sustainability

#Security

#Stability

Registration Fees:

- Rs. 5000/- Per Participation + GST
- A 20% discount on the registration fee will be offered to members of NEED Mission, CBIP and VIBHA.

GST extra @ 18% on registration fees given above Delegate/Author Research Student*.

The registration fee includes a registration kit, working lunch, and tea/coffee during the conference. Participants are required to make their own arrangements for accommodation, travel, and other personal expenses.

- Please note that the registration fee is non-refundable.
- The program is non-residential.
- Suitable accommodation in nearby area is being explored on payment basis and the same shall be notified separately.

Payment Details

Kindly arrange to remit the payment by bank demand draft/cheque payable at par in Bhopal, drawn in favour of "NEED Mission" or by bank transfer to the following account:

Name of Bank: Jana Small Finance Bank

A/C No: 4549020001368341

ISFC: JSFB0004549



#Powering

In case of online transfer, the bank convenience fee will be charged directly by the bank and is not included in the registration fee.

GST No. :

Interested participants may submit the following mandatory details:

Name and Designation:
Organization Name and address with City and PIN Code
Organization's GST No. to be mentioned in the Tax Invoice
Mobile No. and Email Id
Payment Details: Bank Draft No./ Online Bank Transaction ID
Organisation's GST No. to be mentioned in the Tax Invoice
Datedfor Rs..... to be enclosed

#Policy

Important Conference Dates:

Day 1: Net Zero – Integrated Power System Approach

- Registration
- Inaugural Session: Welcome Address and Conference Objectives
- Plenary Session:
- Session 1: Net Zero from the Energy Generation Perspective
- Session 2: Transmission Network for Net Zero
- Session 3: Distribution Network as the Key Enabler
- Concluding Session (Day 1)

Day 2: Enablers, Challenges, and Future Solutions

- Session 4: Safety in Renewable and Power Systems
- Session 5: Battery Energy Storage Systems (BESS), and EV Vehicle
- Session 6: Integration Challenges, New Solutions in RE and Cyber Security
- Valedictory & Way Forward:

#Prosperity

Important Conference Dates:

- Last Date for submission of abstracts: 30 March 2026
- Confirmation of Acceptance of Abstracts: 15 April 2026
- Last Date for submission of Full-Length Technical Paper: 15 May 2026
- Confirmation of Acceptance of Paper: 30 May 2026
- Conference Date and Venue: 02- 03 July 2026 at Gandhinagar, Gujarat

Contact Us:

Any query related to abstract/Research Paper Submission:

Dr Astik Dhandhia: astikdhandhia@gmail.com

Dr Amit Patel: a.r.patel-med@msubaroda.ac.in

For any General Conference-related queries

Jignesh Borisagar: jigneshborisagar05@gmail.com /
needmissionvibha@gmail.com

Register Here

