

Net Zero Power Summit 2025 – Simplified Session Flow

Theme: Sectoral Net Zero Pathways: Carbon, Technology & Finance in India's Power Sector

10:00 – 10:30 AM | Inaugural & Keynote

- India's Power Sector on the Net Zero Trajectory
- Carbon markets, CCUS, finance, and public-private pathways

10:30 – 11:15 AM | Session 1: Clean Energy & Hydrogen

- Scaling solar, wind & hybrid projects
- Green hydrogen integration
- Monetisation through carbon credits

11:15 – 11:30 AM | Tea Break

11:30 AM – 12:30 PM | Session 2: Resilient Power Systems (Baseload, Grids & Disaster Management)

- Nuclear & large hydro in Net Zero pathways
- Smart grids, digitalisation, and AI-enabled balancing
- Disaster and resilience management in the power sector (climate shocks, grid failures, risk preparedness)
- Linking efficiency and resilience with carbon credit monetisation

12:30 – 1:30 PM | Networking Lunch

1:30 – 2:15 PM | Session 3: Energy Storage & Emerging Technologies

- Batteries, hydrogen storage, and green ammonia
- CCUS retrofits for baseload and industry
- Carbon savings and monetisation from storage solutions

2:15 – 3:00 PM | Session 4: Industry & Distributed Energy

- Captive power, microgrids & rooftop solar
- Bio-CNG, hydrogen, and RE for industries
- Carbon credits for industrial/distributed power

3:00 – 3:15 PM | Tea Break



Organized by:



3:15 – 4:00 PM | Session 5: Finance, Policy & ESG

- Carbon markets, CCfDs, green bonds
- Policy enablers for sectoral Net Zero
- Workforce reskilling & ESG alignment

4:00 – 4:45 PM | Session 6: Closing & Way Forward

- Key takeaways and commitments
- Launch of working groups
- Post-summit collaboration roadmap