



Damodar Valley Corporation (DVC) was established in 1948 (by an Act of Parliament) shortly after independence as a multipurpose river valley project to manage the Damodar River and its catchment area located in the eastern part of India. DVC is engaged in multi functions such as generation, transmission and distribution of power, water management, afforestation and soil conservation. It is Powering Progress of India with installed capacity stands at 6701MW with 8633 circuit kilometres of transmission and distribution network. "Powering Progress – O&M Conference (PP2025)" is being organized in befitting manner on 25th April' 2025 at Biswa Bangla Convention Centre, Kolkata.

O&M CONFERENCE 2025

Theme of conference is:

"O&M Excellence for a Sustainable Energy Future"

The Conference will provide an opportunity for Power Professionals, Policy makers / regulators, OEMs, Vendors, and other stakeholders to share their knowledge, experience, present challenges and technology advancements in the power sector in addition to discussion on the best O&M practices.

Date of conference: 25Th April 2025.

One or more papers submission on behalf of your organization is accepted, moreover, the selected papers will get an opportunity to present the same during the conference. Paper may please be submitted latest by 15/04/2025, the suggested topics broadly is in the enclosure. Submission to be done through e-mail to :

corporatedvc@gmail.com, ashis.dab@dvc.gov.in & sudipta.maiti@dvc.gov.in

We are inviting technical papers, case studies, and articles on any of the suggested topics broadly mentioned below, along with the PPT file as an attachment.

- SG & TG: Best Practices in O&M & Case Studies
- Generator & Electrical system: Best O&M practices with case studies.
- Control & Instrumentation: Present & Future Best
- CHP / AHP / Ash Management: Issues, Challenges & Innovations
- Coal-based Thermal Power Plant: Issues & Challenges
- Flexible Operation: Opportunities and Challenges
- Hydropower Generation and Reservoir Management
- Pump Storage Hydropower: A Solution for Grid Stability

Inviting Technical papers, Case studies!

- Solar Energy: Advancement in Solar Panel Technology and Performance Analysis
- Renewable Energy integration, Energy transition with thermal power.
- Carbon Capture & Storage: The Future of Thermal Power
- Carbon Credit Trading: Challenges and Opportunities
- Biomass Utilization: Opportunities and Challenges
- New Development in Thermal / Hydel Power Station/Solar Power Station
- Energy Storage
- Enhancing Thermal Power Efficiency
- Power Plant Chemistry
- AI & IoT in Power Plant Monitoring and Maintenance
- Condition-Based Maintenance: A Data-Driven Approach
- Fuel Management
- Environmental management & Climate Change
- Grid Code Compliance: Challenges & Solutions
- Asset Management

O&M CONFERENCE 2025

**Organized by: Corporate
Operation Services, Damodar
Valley Corporation**
**Venue: Hall-5, Biswa Bangla
Convention Center, Kolkata**
Date: 25th April 2025

Paper Submission Guidelines

1. Language: Submissions must be in Standard English.
2. Originality & Copyright: All content must be original. The author is solely responsible for any copyright or intellectual property rights (IPR) issues.
3. Paper Format:
 - o Paper Size: A4
 - o Orientation: Portrait
4. Abstract: The abstract must be included within the main paper.
5. Page Limit: The paper should not exceed 10 pages.
6. Font & Formatting:
 - o Font: Aptos (preferred)
 - o Title: 14-point
 - o Authors' Name: 12-point Bold
 - o Affiliation & Address: 9-point Italics
 - o Subheadings: 10-point Bold
 - o Body Text: 10-point Normal
7. Graphics & Images:
 - o All images must be embedded within the document.
 - o No separate image files will be accepted.
 - o If an image needs to be included, it must be scanned and inserted at the appropriate location in the document.
8. Submission Method: Guidelines for Presenter:
 - o Papers for submission shall be mailed to corporatedvc@gmail.com, ashis.dab@dvc.gov.in & sudipta.maiti@dvc.gov.in
 - o Last date for submission of Paper: 15th April 2025.
 - o Confirmation regarding acceptance of submission: 18th April 2025.