

## Poster Session Sequence - 10-Mar-25 Afternoon Session

DATE	Session Time	Screen No	paper ID	title	topics	Submitting Author	sa_organisation
10 March 2025	14:30-16:30	1	1411	Advanced Maintenance Strategies for Substation Earthing Systems	PS1	M S R, PAVAN KUMAR	POWERGRID
10 March 2025	14:30-16:30	2	1104	Design of Reliable Dual Ratio Power Transformers	PS1	Jayasenani, Chinnathambi	SIEMENS Ltd
10 March 2025	14:30-16:30	3	1185	Advantages of factory coated insulators before installation for overhead lines and substation	PS1	Graziosi, Lucia	ekd project
10 March 2025	14:30-16:30	4	1198	Engineering Excellence: 765 kV Multi-Circuit Tower and Double-Circuit twin-pole for Next-Gen Power Transmission	PS2	NANDI, SUMANA MUKHERJEE	POWERGRID
10 March 2025	14:30-16:30	5	1223	Critical Factors Affecting Reliability of Composite Insulators	PS1	Shingne, Nitin Ramdas	Electrical Research and Development Association
10 March 2025	14:30-16:30	6	1448	Electrifying remote areas by a direct connection from an existing transmission line grid	PS2	More, Pritam	Siemens Energy
10 March 2025	14:30-16:30	7	1245	Tackling bird pollution issue in Transmission Lines through innovative ways	PS1	RAGHAV, AVIRAL	POWERGRID
10 March 2025	14:30-16:30	8	1318	DESIGN CONSIDERATIONS FOR CABLE TERMINATION TOWERS TO BE USED AT AVALANCHE PRONE AREAS	PS1	K, DEEPAK	POWERGRID
10 March 2025	14:30-16:30	9	1399	Enhancing Transmission System Reliability and Efficiency with Cost-Optimized In-House Developed Circular Bird Guards on Insulators	PS1	Reddy, M Venkateswara	POWERGRID
10 March 2025	14:30-16:30	10	1465	Simulation of voltage distribution on polluted UHV AC insulator strings using experimentally obtained parameters of representative discs	PS1	POOMALAI, RAJAMANI	CENTRAL POWER RESEARCH INSTITUTE
10 March 2025	14:30-16:30	11	1481	OCR-Based Alarming System for HVDC Control System Using OpenCV	PS1	PABBINEEDI, VSKS KUMAR	POWERGRID
10 March 2025	14:30-16:30	12	1564	Revolutionizing Transmission Line Monitoring: Earthwire Robotic Crawler for Enhanced Efficiency and Safety	PS1	PARGANIHA, VAIBHAV	POWERGRID
10 March 2025	14:30-16:30	13	1532	Model Predictive Control for Hybrid Standalone PV Microgrid	PS3	Prajapati, Shruti	India
10 March 2025	14:30-16:30	14	1374	Installation challenges and operational experience of ± 320 kV HVDC Cable system for Pugalur-Thrissur VSC HVDC project in India	PS1	K Mathew, Ajay	POWERGRID
10 March 2025	14:30-16:30	15	1189	Experiences in dimensioning and condition monitoring of HTM PU-filled insulators for HVDC disconnecter application	PS1	Saraceni, Rodolfo	General Electric Vernova
10 March 2025	14:30-16:30	16	1205	An Indian perspective for choosing technology for HVDC – LCC or VSC	PS1	KUMAR, ABHAY	Hitachi Energy
10 March 2025	14:30-16:30	17	1292	From Point-to-Point to Multiterminal – State of the Art HVDC Systems Supporting the Power System Development in India	PS1	Schettler, Frank	Siemens Energy Global GmbH & Co. KG
10 March 2025	14:30-16:30	18	1301	Detection techniques of High impedance faults on HVDC Ungrounded Converter Transformer secondary side bushings and performance of converter during the faults.	PS1	BODDEPALLI, AMARADEEP	POWERGRID
10 March 2025	14:30-16:30	19	1305	Advancing Stability in Power Grids: Optimized Control Strategies for Damping Inter-Area Oscillations in VSC-HVDC Systems	PS1	Nasika, Dhanunjayudu	Bharat Heavy Electricals Limited
10 March 2025	14:30-16:30	20	1307	Development and Implementation of an Automated Tool for Mitigating Capacitor Bank Unbalance in AC Harmonic Filters: A Case Study of ±800kV Champa-Kurukshetra	PS1	Banerjee, Soumyadeep	POWERGRID
10 March 2025	14:30-16:30	21	1398	Study of DC Fault cases in VSC and LCC HVDC systems and Protection Zone Identification in grounded and ungrounded DC systems	PS1	DIWAKAR, VANAPALLI	POWERGRID
10 March 2025	14:30-16:30	22	1508	MMC STATCOM design for Mega Solar Farm in India	PS1	Dixit, Aishwarya	Hyosung T&D India Pvt Limited
10 March 2025	14:30-16:30	23	1112	Comparison of HV Dry Type Shunt Reactors with Oil Immersed Shunt Reactors	PS1	Bhardwaj, Naveen	Trench Austria GmbH
10 March 2025	14:30-16:30	24	1125	Communication-Aided Distance Protection Scheme with Inter Substation IEC 61850 GOOSE: Reducing Costs and Enhancing Reliability	PS1	GUNASEKAR, THINAKARAN	POWERGRID

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DATE	Session Time	Screen No	paper ID	title	topics	Submitting Author	sa_organisation
10 March 2025	14:30-16:30	25	1154	Optimization of Substation by New Digitalized controller for Low Voltage Control Cabinet and Control cable in High Voltage T&D equipment	PS1	Venkatesan, Balaji	GE Vernova T&D India Ltd
10 March 2025	14:30-16:30	26	1234	MV Switchgear Analysis method using Panel Health Monitoring System	PS1	Chauhan, Ankur Virendrakumar	Ceyone Solutions Pvt Ltd
10 March 2025	14:30-16:30	27	1273	Fault Detection in Power Grids Using a Digital Twin Framework	PS1	SIVAGURU, GAYATHRI	INDIAN INSTITUTE OF TECHNOLOGY MADRAS
10 March 2025	14:30-16:30	28	1281	Network Modelling using Integrated GIS and Simulation Tools for Efficient Asset Management	PS1	Rao, Swapnil B	The Tata Power Company limited
10 March 2025	14:30-16:30	29	1283	DC systems & power electronics - New technologies and concepts of DC and FACTS enabling energy transition An improved modular Statcom topology equipped with short-time energy storage and Grid Forming control for HV network voltage and frequency regulation	PS2	Canfora, Serena	Nidec Asi
10 March 2025	14:30-16:30	30	1287	Comparative Study on Controlled Switching of Transformers, Shunt Reactors and HVDC Converter Transformers	PS1	Baishya, Rupam	POWERGRID
10 March 2025	14:30-16:30	31	1349	Mitigation proposal for the challenges in testing of 1200 kV Shunt Reactor for proposed UHVAC Transmission System	PS1	DAVE, AKSHAY	BHEL BHOPAL
10 March 2025	14:30-16:30	32	1358	Novel method for detection of inter turn faults of transformers and reactors	PS1	MATTA, N V V SOMUKHA ANJANEYULU	POWERGRID
10 March 2025	14:30-16:30	33	1150	DEVELOPMENT OF PROTOTYPE TOUCH-LOGGING OF BATTERY CELL VOLTAGES FOR STATION BATTERY SYSTEMS	PS1	Bathala, Chalapathi	POWERGRID
10 March 2025	14:30-16:30	34	1385	Design and validation studies for 1200 kV UHVAC System	PS1	Patil, Pradeep Tanaji	POWERGRID
10 March 2025	14:30-16:30	35	1541	Next-Gen Diagnostics: Machine Intelligence-based Fault Detection in Transmission Lines	PS1	Sharaff, Aakanksha	India
10 March 2025	14:30-16:30	36	1437	Substation Protection based on Integration of Traditional Principles and Model-based State Estimation	PS1	Pradhan, Vedanta	Hitachi Energy
10 March 2025	14:30-16:30	37	1458	Advancements in Field Testing of LPIT-Based Relay Protection Systems Using Low- Power Test Kits	PS1	Mani, Dhanabal	Megger
10 March 2025	14:30-16:30	38	1518	Real-Time Monitoring and Guidance from centralized control center for Switchyard Equipment maintenance and Protection system related works in Substations using Head-Mounted Devices	PS1	SINGH, SAHDEV	POWERGRID
10 March 2025	14:30-16:30	39	1526	Virtualization of Protection in a Distribution Substation	PS1	Sahu, Bhaskar	IIT Madras
10 March 2025	14:30-16:30	40	1428	Mitigative practices to overcome challenges of renewable energy integration to grid and role of variable shunt reactor in maintaining voltage stability	PS3	Chakraborty, Dibyendu Dey	POWERGRID