

Poster Session Sequence - 10-Mar-25 Forenoon Session

DATE	Session Time	Screen No	paper ID	title	topics	Submitting Author	sa_organisation
10 March 2025	10:00-12:00	1	1121	Online Condition monitoring technique for high voltage insulators using NL acoustic camera	PS1	Patra, Manas Ranjan	Electrical Research and Development Association, Vadodara
10 March 2025	10:00-12:00	2	1369	Breaking complexity barriers in Digital Substations: A unified & optimized approach in Protection & Automation	PS1	YADAV, AMIT	Siemens Limited
10 March 2025	10:00-12:00	3	1172	Breakthrough in Condition Assessment of Composite Long Rod Insulators and Other Switchyard Equipment Through Thermal Scanning.	PS1	Sharma, Chandrashekhar	POWERGRID
10 March 2025	10:00-12:00	4	1178	Advanced condition monitoring of switchgear leveraging state-of-the-art sensing technologies and advance algorithms	PS1	Chavan, Bindiya Anil	Siemens energy
10 March 2025	10:00-12:00	5	1180	Significance of DGA for evaluation of Multiple Chopped Impulse Test on Instrument Transformer	PS1	Nambiar, Manjusha	Electrical Research and Development Association (ERDA)
10 March 2025	10:00-12:00	6	1208	Statistical Trend Analysis and Forecasting of DGA results of Power Transformers and Reactors	PS1	Gupta, Kuhu	BITS Pilani K K Birla Goa Campus
10 March 2025	10:00-12:00	7	1236	Data accessibility as a driver of innovation for HV asset monitoring	PS1	Sehestedt, Stephan	Hitachi Energy Germany AG
10 March 2025	10:00-12:00	8	1274	Case Study on mass failure of CLR for Enhanced Reliability of the 400kV Transmission Line	PS1	Jonnalagadda, Surya	POWERGRID
10 March 2025	10:00-12:00	9	1291	New Advances in Power Cable Condition Monitoring	PS1	Chandupatla, Chakradhar Reddy	Indian Institute of Technology Ropar
10 March 2025	10:00-12:00	10	1376	Diagnostic Approaches to OIP Bushing Failures: A Study on 245 kV OIP Bushing Tan Delta Violation & Potential Failure	PS1	SAHU, SANJAY	POWERGRID
10 March 2025	10:00-12:00	11	1469	Performance of EHV insulator string with punctured disc insulators located at various positions in the string	PS1	POOMALAI, RAJAMANI	CENTRAL POWER RESEARCH INSTITUTE
10 March 2025	10:00-12:00	12	1566	Impact of pollution on Hydrophobicity of Polymer insulation and maintenance techniques to enhance the life of polymer insulation	PS1	VENKATARAMANAMURTY, MAJJI	POWERGRID
10 March 2025	10:00-12:00	13	1568	Improvement in lightning performance of transmission lines by reduction of high tower footing resistance in extra high voltage transmission line	PS1	GEDAM, AVINASH GAJANANRAO	POWERGRID
10 March 2025	10:00-12:00	14	1595	Failure studies of EHV polymer Current Transformers	PS1	AZMEERA, PREM KUMAR	POWERGRID
10 March 2025	10:00-12:00	15	1596	Condition Monitoring of CVTs using substation PMU data	PS1	Gupta, Pragati	Veer mata Jijabai Technological Institute
10 March 2025	10:00-12:00	16	1405	Time Series Based Tower Defect Prediction Using Machine Learning	PS1	Pareek, Harsh	POWERGRID
10 March 2025	10:00-12:00	17	1410	AI-Driven Fault Detection and Autonomous Drone Operation with Wireless Charging for Transmission Line Asset Health Management (T-AHM)	PS1	Kavitha, Merugu	Larsen & Toubro Limited
10 March 2025	10:00-12:00	18	1421	AI driven predictive maintenance for power transformers	PS1	Sayyad, Sajid	Tata Power
10 March 2025	10:00-12:00	19	1484	Physics-Informed AI-Driven Predictive Maintenance of Power Transformers: Fusing SCADA and Diagnostic Test Data	PS1	Zope, Sanika	Government Engineering College Aurangabad
10 March 2025	10:00-12:00	20	1439	Accurate Setting-free Fault Location for Transmission Networks Using Unsynchronized Data	PS1	Pradhan, Vedanta	Hitachi Energy
10 March 2025	10:00-12:00	21	1213	Spyder Cam Robo	PS1	Mohammed, Amaad	The TATA Power Company limited
10 March 2025	10:00-12:00	22	1401	High-Voltage Direct-Current Valve Hall Remote Inspection Robot	PS1	Punabhaku, Muneendra	POWERGRID
10 March 2025	10:00-12:00	23	1416	Drone-Based Thermovision Scanning and Image Recognition for Predictive Maintenance in Electrical Switchyards	PS1	M S R, PAVAN KUMAR	POWERGRID
10 March 2025	10:00-12:00	24	1500	Drone Patrolling and Digital Photography in Extra High Voltage Transmission Lines	PS1	Yadav, Siddarth	POWERGRID

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10 March 2025	10:00-12:00	25	1124	Design and Development of Digital Twin Model for Transformers to optimize Asset Management & Condition Monitoring.	PS1	R, SHYAM SHANKARAN	NLC INDIA LIMITED
10 March 2025	10:00-12:00	26	1137	divyadristi – a system for analysis of transmission faults by reading fault signature into program variables, fault features extraction and visibility of waveforms on regular browser	PS1	Srimannarayana, G	POWERGRID
10 March 2025	10:00-12:00	27	1148	Smart Meter Data Analytics for Distribution System Asset Management	PS1	Agarwal, Vineeta	POWERGRID
10 March 2025	10:00-12:00	28	1170	Smart Asset Management in Digital Substations Using Process Bus Data	PS1	Tati, Pramod	GE Vernova
10 March 2025	10:00-12:00	29	1192	Closed-Loop Virtual Relay Testing: A Digital Twin Approach for Modern Power Grids	PS2	Mani, Dhanabal	Megger
10 March 2025	10:00-12:00	30	1290	Design Specific Digital Twin of Oil-Immersed Transformers and its Impact on Asset Management	PS1	Khorshidian Mianaei, Peyman	Siemens Energy Global GmbH & Co. KG
10 March 2025	10:00-12:00	31	1341	Implementation and Operational Experience of Main 1 & Main 2 Control Centers for SCADA/EMS in the North-Eastern Indian Power Grid	PS2	Singh, Shakti Mayank	NERLDC/GRID INDIA
10 March 2025	10:00-12:00	32	1342	Digital Transformation of Asset Management - "Asset Tracking, Re-utilization and Health Monitoring"	PS1	Chandel, Saurav	Tata Power - DDL
10 March 2025	10:00-12:00	33	1370	Accelerating Project Cycles: Virtual FAT and Digital Solutions for Quality- Driven Efficiency	PS1	YADAV, AMIT	Siemens Limited
10 March 2025	10:00-12:00	34	1390	An approach to power transmission asset management using IEC 61850	PS1	Nerayanoor, Bhargav	POWERGRID
10 March 2025	10:00-12:00	35	1423	The Futuristic Role of Conventional Hydropower & Pumped Storage plants in Renewable Energy Integration & Resilient Grid	PS3	Singh, Niraj Kumar	NHPC limited
10 March 2025	10:00-12:00	36	1494	HARNESSING THE SMARTGRID TECHNOLOGY OPTIONS SMARTLY	PS3	KULKARNI, AMIT	POWERGRID
10 March 2025	10:00-12:00	37	1569	New Modular Press Pack IGBT for T&D, MVD and Power Supplies	PS3	Przybilla, Jens	POWERGRID
10 March 2025	10:00-12:00	38	1547	Transforming asset maintenance through Digitalization	PS1	SR, Vijayan	Hitachi Energy
10 March 2025	10:00-12:00	39	1551	Disturbance Analysis of EHV Power System's Transmission Elements using Numerical Relays/PMUs to Correlate Physical Reasons of Outages	PS1	PAUL, SUPRIYA	POWERGRID
10 March 2025	10:00-12:00	40	1567	Development of a Real-Time Online Condition Monitoring System using Tan delta leakage current for Current Transformer Health Assessment	PS1	PARGANIHA, VAIBHAV	POWERGRID