

Poster Session Sequence - 11-Mar-25 Afternoon Session

DATE	Session Time	Screen No	paper ID	title	topics	Submitting Author	sa_organisation
11 March 2025	14:30-16:30	1	1157	HARDWARE IN LOOP SETUP FOR TESTING THE DIRECTIONAL RELAY USING REAL TIME DIGITAL SIMULATOR	PS1	Bathala, Chalapathi	POWERGRID
11 March 2025	14:30-16:30	2	1430	PS1 Process Improvement in Manufacturing of Large Converter Transformers	PS1	Jaiswal, Raju Kumar	POWERGRID
11 March 2025	14:30-16:30	3	1258	Implementation of OSTP Amplifier Solution with ROPA Technology and its operational experiences	PS2	durgam, surender	POWERGRID
11 March 2025	14:30-16:30	4	1438	Enhancing the Lifespan of Earthing System Assets in Grid-Connected Substations Using Advanced Data Collection Applications and Computer Simulations	PS1	Sharma, Chandra Shekhar	Vision Power Analytics Private Limited
11 March 2025	14:30-16:30	5	1119	Evaluation of Breakdown Strength of 420 kV GIS Module with Fluoronitrile gas mixture	PS3	Paul, Moutusi	Bharat Heavy Electricals Limited
11 March 2025	14:30-16:30	6	1168	Optimized F-Gas-Free switchgear solutions for wind tower: Enabling higher voltage levels within wind tower	PS3	THUMMAPALA, DHARABABU	SIEMENS ENERGY INDIA
11 March 2025	14:30-16:30	7	1288	Experience of Natural Ester Oil retro-filling of 132kV 20MVAR Bus Reactor at Aizawl S/s, NERTS & performance evaluation	PS3	DUTTA, RUPAM	POWERGRID
11 March 2025	14:30-16:30	8	1386	Eco-Conscious Transmission Infrastructure: Reducing Cement and Steel Usage for a Greener Future	PS3	Soni, Nitin	POWERGRID
11 March 2025	14:30-16:30	9	1143	Challenges Of Integration of Large Scale Renewables – Emerging Tools and Techniques for Security, Resilience and Seamless Transition Towards RE Rich Greener Grid	PS3	SHETH, NILESH MAHENDRAKUMAR	GUJARAT ENERGY TRANSMISSION CO. LTD
11 March 2025	14:30-16:30	10	1162	Challenges in Protection Systems for India's Evolving Grid	PS3	JHA, PANKAJ KUMAR	POWERGRID
11 March 2025	14:30-16:30	11	1378	Oscillation Source Detection in Renewable-Dominated Grids Using Convex Hull Analysis	PS3	Gautam, Aman	Grid-India
11 March 2025	14:30-16:30	12	1404	Performance Evaluation of IBR-Equivalent Single and Multi-plant models in PSCAD Using Synchrophasor data	PS3	Venkateswara Rao, Minnakuri	Grid Controller of India Limited (Grid-India)
11 March 2025	14:30-16:30	13	1476	A Security Constrained Imbalance Settlement Mechanism in the Indian Power Sector-A case for modification of the existing Deviation Settlement Mechanism	PS3	Paul, Subhro	Indian Institute of Technology, Delhi
11 March 2025	14:30-16:30	14	1319	Improvement of Voltage stability using Dynamic Reactive power compensation (STATCOM) in Critical ER-SR Weak AC grid connected to HVDC Back to Back station through series compensated long transmission lines	PS2	Parida, Sukanta Kumar	India
11 March 2025	14:30-16:30	15	1562	Study of landfall point for Submarine Power Cable of Offshore wind power evacuation system off the coast of Gujarat	PS1	Ray, Sabyasachi	India
11 March 2025	14:30-16:30	16	1506	A Systematic Approach to Defect-Free Protection System Commissioning: From Factory-to-Site through collaborative Involvement in identification of defects & ensuring its rectification	PS1	DUBELE, ADARSH KUMAR	POWERGRID
11 March 2025	14:30-16:30	17	1123	Evaluating the Effectiveness of Advanced Meter Reading for Real-Time Monitoring of Reliability Indices in Power Distribution Networks	PS3	Tshering, Cheten	Bhutan Power Corporation Ltd.
11 March 2025	14:30-16:30	18	1161	Digital Relay Applications: Lessons from the Indian Power Sector	PS3	JHA, PANKAJ KUMAR	POWERGRID
11 March 2025	14:30-16:30	19	1190	From Generation to Grid: Protection Solutions for Battery Energy Storage Systems	PS3	Nagpal, Mukesh	Burns & MacDonell
11 March 2025	14:30-16:30	20	1247	Analysis of AC Short circuit fault currents for BESS and BESS – SYNCON Hybrid systems using ETAP Software	PS3	KUMAR M, DILEEP	Siemens Energy
11 March 2025	14:30-16:30	21	1578	Utilization of Dynamic Line Rating in Indian Transmission System to meet contingencies and make the system more efficient	PS1	Kalaria, Mahendra kumar	POWERGRID

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11 March 2025	14:30-16:30	22	1332	System Level Control for Multiple RE's Connected at One Interconnecting Point under Low SCRs	PS3	Sharma, Varun	Adani Green Energy Limited
11 March 2025	14:30-16:30	23	1415	Enhancing Grid Stability with a Pathway to Integration of Solar Inverters by Synthetic Grid Inertia and Automatic Control of HVDC Link Operation	PS3	Misal, Yogesh Balasaheb	Central Power Research Institute
11 March 2025	14:30-16:30	24	1402	Grid Automation for Self-Healing using Optimized AGC in Digital Twin Framework	PS3	Gupta, Neha	IIT Madras
11 March 2025	14:30-16:30	25	1420	Are Smart Grids Technologies Truly Smart? A Critical Perspective.	PS3	MAYANK, ANAND	POWERGRID
11 March 2025	14:30-16:30	26	1490	Digitalization of Electric Power Systems using sustainable, Smart Substations with Cloud Connectivity	PS3	Duerr, Thomas	Siemens AG
11 March 2025	14:30-16:30	27	1151	State Transmission Asset Management System (STAMS) for OPTCL with state-of-the-art infrastructure for remote operation of EHV grid substations for optimal utilization of transmission assets.	PS2	Manu, Ved	MAHATRANSCO
11 March 2025	14:30-16:30	28	1521	Smart Grid Tied Solar Inverter Technology for Smart Grid	PS3	Dhaneria, Asheesh Rameshchandra	Electrical Research and Development Association
11 March 2025	14:30-16:30	29	1251	Improving DC Microgrid-Connected Solar PV MPPT Performance under Partially Shaded Condition using TSA Technique	PS3	Promit Chakraborty	POWERGRID
11 March 2025	14:30-16:30	30	1270	: NAVIGATING URBAN AND AVIATION CHALLENGES: DANUBE TOWERS FOR HEIGHT-RESTRICTED TRANSMISSION LINES	PS2	MANDA, NAGA R M S R MURTY	The Energy Consortium, IIT Madras
11 March 2025	14:30-16:30	31	1449	Development of a Test Bed for performance evaluation of Centralized and Virtualized Protection, Automation, and Control Systems	PS2	Baderia, Sitesh Kumar	Infineon Technologies
11 March 2025	14:30-16:30	32	1528	Smarter Ways to identify and rectify SF6 leakages: A step towards Net Zero Emission	PS3	KUMAR, ATUL	POWERGRID
11 March 2025	14:30-16:30	33	1553	Innovative Industrial Use of Green Hydrogen in HVOF Coating Technology and Power Generation through Fuel Cell – An Overview of SJVN's Multi-Purpose Green Hydrogen Pilot Project	PS3	TYAGI, RASHI	SJVN
11 March 2025	14:30-16:30	34	1561	The Role of Green Hydrogen in Decarbonizing the Energy Sector: Integrating Fuel Cells for Clean Electricity and Efficient Energy Storage	PS3	Chakraborty, Dibyendu Dey	POWERGRID
11 March 2025	14:30-16:30	35	1246	Life Cycle Assessment of Power Transformers	PS3	Chaubey, Vivek Kumar	GE VERNOVA
11 March 2025	14:30-16:30	36	1548	Soil Erosion Protection and Prevention	PS2	Tiwari, Arun	POWERGRID
11 March 2025	14:30-16:30	37	1352	Circular Economy in Power Transmission: Sustainable Solutions for Waste Management in Substations	PS3	Kalita, Rupjyoti	POWERGRID
11 March 2025	14:30-16:30	38	1412	Successful Re-use of High-voltage Capacitors after end of their service life for reactive power compensation in Low-voltage auxiliary system of POWERGRID HVDC Ballia & HVAC Shahjahanpur Substation.	PS3	Singh, Dharan Pratap	POWERGRID
11 March 2025	14:30-16:30	39	1418	Sustainable Practices for EHV Substations: Achieving ESG Compliance through Resource Optimization and Environmental Stewardship	PS3	M S R, PAVAN KUMAR	POWERGRID
11 March 2025	14:30-16:30	40	1584	Integrating ESG Metrics: A Roadmap to Sustainable Procurement in the Power Industry	PS3	agarwal, Havish	IIM INDORE