NOVEMBER 24, 2027 (DAY 1)

> Opening Keynote
Theme: Technological Innovation Driving the Energy Transition

Speaker: Vera SILVA, CSTO Electrification, GE Vernova

> Session 1
Mass Electrification, Renewable Energy Integration (Offshore Wind, Photovoltaics, Hydrogen), Systems and Infrastructure (DC Grids, Fast Charging, Grid-Forming Technologies)
Moderators: Franklin BIGOT (MasterGrid) & Samuel NGUEFEU (RTE)

> Session 2

Advances in Equipment (SF6-free sealed technologies, electric mobility, batteries, increasing performance requirements) and Substation Architectures (power distribution for data centers, etc.)
Moderator: Abasse TIMERA (RTE)

> Session 3
Advanced Simulation and Modeling to Accelerate Projects (Electromagnetic Transient Models, Digital Twins, AI from the Design Stage, Quantum Computing Impact) Moderators: Diego ALBERTO (Schneider Electric) & Marc Petit (CentraleSupélec)

> Closing Keynote (to be confirmed)
Theme: Regulation, Energy Sovereignty, and Political Challenges
Speaker: To be confirmed

> Proposed Technical Visit
RTE 24/7 Digital Control Center

> Gala Dinner

NOVEMBER 25, 2027 (DAY 2)

> Morning Keynote
Theme: Cybersecurity and the Resilience of Critical Infrastructure

Speaker: Guillaume GIRAUD (RTE)

> Session 4
Grid Supervision and Digitalization: Communicating Devices and Automation, Digital Technologies Supporting Infrastructure Resilience and Robustness, Benefits of Virtualization Combined with Process Bus Technologies, Impact of System Architectures on Performance, and Certification

Moderator: Ronald KUBELEC (Siemens)

Strategic Round Table (Late Morning)
Theme: Substations 2028+: Intelligence, Virtualization, and IT/OT Convergence – New Resilience Standards in the Post-CRA Era (CRA = Cyber Resilience Act) Participants: To be confirmed
Moderator: Jean-Luc RAYON (GE Vernova)

> Session 5
The Impact of Regulatory and Standardization Developments on Equipment, with key topics including: The phase-out of SF6
REACH regulations, including certain PFAS
The Cyber Resilience Act
The Cyber Solidarity Act
Harmonization of standards

Moderators: François TRICHON (Schneider Electric)
& Emma Grob (GE Vernova)

> Session 6
Sustainability and Sovereignty: Raw Materials, Criticality, Resource Efficiency, Recycling, Equipment Repairability, and Adaptation to Climate and Geopolitical Crises Moderators: Solène Laurent (GE Vernova) & Guillaume HUGUET (MasterGrid)

> Proposed Technical Visit
RTE 24/7 Digital Control Center

> Closing Remarks
Dominique Serve (Chair of MATPOST 2027)

MATPOST 2027 PROGRAM

Main Theme: Electrifying to Decarbonize in a Digitalized World Location: Lyon, France
Dates: November 24–25, 2027

NOVEMBER 24–25, 2027 (DAYS 1 & 2) Exhibition & Networking
• Industrial and academic exhibition booths

• Technology demonstrations
• Pitch sessions

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8th INTERNATIONAL CONFERENCE ON SUBSTATION EQUIPMENT

24 & 25 NOVEMBER 2027 H7 - LYON Confluence

Where?
H7
70 Quai Perrache
69002 Lyon
France

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Organizer