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8th Annual Confex, Awards & Networking Forum

SMART GRID FORUMS | SGT27

Smart Grid Technical Forum

16-18 March 2027 | Palexpo Congress Centre | Geneva, Switzerland

Where Utility Leaders, Managers & Experts Meet to Drive Change through Cohesion

Day 1: Leadership Briefing on Grid Resilience
Tuesday 16th March 2027

Days 2 & 3: 8-track Technical Conference on Grid Modernization
Wednesday 17th & Thursday 18th March 2027

Track 1 SUBSTATION VIRTUALIZATION	Track 2 IEC 61850 IMPLEMENTATION	Track 3 CONTROL ROOM SCADA	Track 4 SMART METERING
Track 5 TELECOM & CONNECTIVITY	Track 6 RENEWABLE INTEGRATION	Track 7 BIG DATA ANALYTICS	Track 8 OT CYBERSECURITY

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100+ Utility Speakers Including...



Mihkel Härm
CEO
Elektrilevi



Torsten Röglin
Managing Director
Stadtwerke Frankfurt



Thomas Reithofer
Head of Grid, Member of Executive Board
CKW



Paulo Libano Monteiro
Director of Innovation & Technology
E-REDES



George Andreakos
Director of Grid Operations & Maintenance
HEDNO



Jarosław Sirko
Executive Director of Risk Management
TAURON Group



Josef Šikýř
Head of Information Technology Services
CEZ Distribuce



Razvan Tudor
Risk Management & KYC Director
Electrica



Jonas van den Bogaard
Digital Strategy Lead
Alliander



Martin Sloan
Group Security Director
Drax Group



Alex Harsch
Head of Cyber Security Resilience & CyberRange-e
E.ON



Damien Ploix
Head of Infrastructure & Cybersecurity Operations
Enedis



Przemysław Starzyński
Head of the Innovative Initiatives Office
ENEA Operator



Tom Segers
Head of Department Digitalisation & Communication Techniques
Fluvius



Lukas Kloibhofer
Head of Metering Department
Netz NÖ



Luca Juillerat
Founder of OverFlow – Ventures Architect
Romande Energie



Pekka Wartiainen
Head of Data & AI
Caruna Networks



Arya Fazilat
Head of MCCS Labs
50Hertz Transmission



Iñigo Ferrero Fuente
Protection and Control Standardization Manager
i-DE, Iberdrola Group



Rakesh Bali
OT Cybersecurity Architect
National Grid



Svein Olsen
Enterprise Information Architect
Statnett SF

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Dear Colleague,

Welcome to the 8th annual **SGT27 Geneva** (Smart grid Technical Forum), taking place 16-18 March 2027, at Palexpo Congress Centre, Geneva, Switzerland.

We are delighted to bring you this extended programme of utility innovation and implementation experiences around new technologies that are driving grid modernization, transformation, and resilience, in the face of increasingly stringent regulation, global geopolitical unrest, and unprecedented cybersecurity threats.

As the programme and speaker line-up continues to evolve, we wanted to give you the opportunity to view the core agenda and the first wave of speakers, and to book your delegate place at the **Very Early Bird** rate, saving you up to €400 per ticket.

This year's programme includes:

- **1-Day Leadership Briefing** – a series of utility senior management presentations addressing long term investment plans around grid resilience, providing valuable context and direction for utility technical teams and the supplier ecosystem
- **2-Day Technical Case-Study Conference** – an innovation and implementation case-study focused programme that reviews the successes, setbacks, future roadmaps and technology requirements of utility project leaders across 8 key domains: Substation Virtualization, IEC 61850 Implementation, Control Room SCADA, Telecom & Connectivity, Smart Metering, Renewable Integration, Big Data Analytics, and OT Cybersecurity
- **Utility Innovation Excellence Awards Ceremony** – attended by all participants, an evening of recognition and reward in support of utility innovation excellence
- **Networking Roundtable Session** – open to all participants, an evening of brainstorming and problem solving with the entire power grid ecosystem, in a relaxed and enjoyable environment
- **Exhibition, Technical Workshops, Live Demo Labs** – hands on experience of leading-edge smart grid solutions from established and innovative suppliers with deep expertise in the power sector
- **Post-Event Meetups** – a series of post-event monthly online meetups to maintain contact with peers from across Europe, update on project development, and invite peer reviews of your projects

Take advantage of our **Group Booking Discounts** of 10% for 3+ delegates, 20% for 5+ delegates, and 30% for 10+ delegates, booked from the same organization at the same time.

We look forward to welcoming you to SGT27 Geneva.

Kind Regards,



Mandana White
CEO | Smart Grid Forums

1-Day Leadership Briefing: Grid Resilience



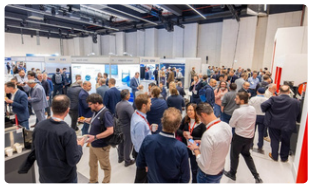
Hear from power grid leaders on the investment decisions they are making to ensure grid resilience against a backdrop of tighter regulation, geopolitical unrest, and growing threat of cyberwarfare.

2-Day Technical Conference: Grid Modernization



Hear from power grid managers and experts on the successes, setbacks, and future roadmaps for their grid modernization and transformation programmes, both at pilot and scale-up levels.

3-day Exhibition, Technical Workshops, Live Demo Labs



Browse through the exhibition, participate in lunchtime technical workshops, and meet 1:1 with leading edge solution providers, showcasing a range of products and services that will help fast-track your grid modernization plans.

Awards Ceremony



Submit your innovation project for the Utility Innovation Excellence Awards, and enjoy this evening of recognition, reward, celebration and networking, with peers from across Europe.

Roundtable Sessions



Benefit from this brainstorming and problem solving session which allows you to bring your real-life grid modernization challenges to the table and benefit from the insights of the whole ecosystem, in a relaxed and hospitable setting.

Post-Event Online Meetups



Join the complementary monthly online meetups to stay connected to the inspiration and benefit from peer support, to ensure you drive implementation momentum beyond the conference.

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Day 1: Leadership Briefing on Grid Resilience
Tuesday 16th March 2027

07:30	**Registration & Refreshments**
08:30	Welcome from the Chair **Antoine D'Haussy**, RVP OT Practice Lead International – **Fortinet**
08:45	**Infrastructure Resilience** – developing a long-term grid investment plan that balances short term congestion management priorities with longer term climate, cyber, geopolitical and electrification pressures **Mihkel Härm**, CEO – **Elektrilevi**
09:15	**Connectivity Resilience** – adopting a multi-layered architecture to drive resilient, secure and interoperable communication infrastructure in support of crisis communication for European power systems **Josef Šikýř**, Head of Information Technology Services - **CEZ Distribuce**
09:45	**Network Management Resilience** – driving the adoption of real-time monitoring and control across the grid to unlock flexible grid capacity while managing risks to grid resilience **Thomas Reithofer**, Head of Grid, Member of Executive Board - **CKW**
10:15	**Morning Refreshments in the Exhibition Room**
11:15	**Flexibility Resilience** – designing flexibility services with deliverability, TSO-DSO coordination, cybersecurity and control of distributed assets at the heart **Paulo Libano Monteiro**, Director of Innovation & Technology – **E-REDES**
11:45	**AI Resilience** – determining an AI roadmap that advances the grid's predictive operations while managing data, cybersecurity and automation risks **Jaroslaw Sirko**, Executive Director of Risk Management – **TAURON Group**
12:15	**Platinum Sponsor Session** **Antoine D'Haussy**, RVP OT Practice Lead International – FORTINET
13:00	**Lunch in the Exhibition room**
14:30	**Weather Resilience** – hardening assets, expending redundancy and deploying smart flexibility to ensure climate resilience for the future power grid **George Andreakos**, Director of Grid Operations & Maintenance – **HEDNO**
15:00	**Cyber Resilience** – detecting, containing, and recovering from geopolitically driven hybrid threats to the power grid **Razvan Tudor**, Risk Management & KYC Director – **Electrica**
15:30	**Afternoon Refreshments in the Exhibition Room**
16:30	**Technology Resilience** – leveraging opensource technology to achieve digital sovereignty as the use of AI and Cloud accelerates during the Energy Transition **Jonas van den Bogaard**, Digital Strategy Lead – **Alliander**
17:00	**Innovation Resilience** – transitioning from pilot to business-as-usual through innovation partnerships, testing regimes, and implementation programmes while safeguarding against new cyber vulnerabilities **Torsten Röglin**, Managing Director – **Stadtwerke Frankfurt**
17:30	**Evening Refreshments in the Exhibition Room**
20:00	**Awards Ceremony** – join colleagues and peers from across the European power sector, for an evening of recognition, reward, celebration and networking
23:00	**Close of day one**

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Utility Innovation Excellence Awards Submission Process

Now in its 3rd year, the SGT27 Awards recognise and reward outstanding technology and process innovation and flawless implementation, in support of grid modernization, transformation, and resilience.

Award Categories include:

1. Digital Substations
2. IEC 61850 Implementation
3. Control Room SCADA
4. Smart Metering
5. Utility Telecom & Connectivity
6. Renewable Integration
7. Big Data Analytics
8. OT Cybersecurity

DOWNLOAD SUBMISSION FORM

Submission Deadline: Friday 26th February 2027

The winners will be announced at the Awards Ceremony taking place the evening of Tuesday 16th March 2027

Join us for an evening of recognition, reward, celebration and networking.



Day 2: 8-Track Technical Conference on Grid Modernization

Wednesday 17th March 2027

	SUBSTATION VIRTUALIZATION	IEC 61850 IMPLEMENTATION	CONTROL ROOM SCADA	SMART METERING	TELECOM & CONNECTIVITY	RENEWABLE INTEGRATION	BIG DATA ANALYTICS	OT CYBERSECURITY
	Gold Sponsor: straton	Gold Sponsor: CODRA	Gold Sponsor: EMERSON / aspentech	Gold Sponsor: SECURE ADAPTRICITY CEWE	Gold Sponsor: Wirepas	Gold Sponsor: axians | OMEXOM	Gold Sponsor:	Gold Sponsor: SUBNET
07:30	**Registration & Refreshments**							
08:30	**Welcome Address from the Chairs**							
08:45	**Business Case** – establishing the upfront and ongoing costs of migration to substation virtualization to optimise CAPEX and OPEX **Mika Loukkalahti**, Leading Expert - **Helen Electricity Network**	**Standards Update** – understanding the latest standardisation developments in IEC 61850, such as substation virtualization, cybersecurity integration, and future domains **Christoph Brunner,** President & Co-Convenor **- it4power & IEC TC57 WG10**	**OpenSource SCADA** – adapting opensource for safety-critical control systems, through a well-defined architecture including defined owner, secure development, compatibility testing, timely vulnerability remediation and recoverable support **Ramon Kranendonk,** Project Manager Realtime Grid Platform **- it4power & IEC TC57 WG10**	**Smart Meter Roll-Out** – accelerating the next phase of smart metering roll-out across Europe through clearer roll-out incentives and accountability, interoperable secure data infrastructure, and consumer/flexibility activation	**Resilient Network Design** – optimising critical utility telecom design to ensure reliability, resilience, and security for a range of applications supporting a more dynamic, distributed and renewables driven grid topology	**Speeding Grid Connections** – implementing reliable queue discipline through effective management of grid capacity, seamless permitting and effective customer prioritisation **Piotr Suwara,** Grid Connection Manager **- EDP Renewables Poland**	**Data Governance** – making data usable, trustworthy, timely, secure, and legally shareable across a growing ecosystem while protecting critical infrastructure, personal data, commercial confidentiality and national sovereignty	**Threat Landscape** – from opportunistic to coordinated disruption, preparing for unprecendented system wide attacks on remote access infrastructure, supply chains, AI-enabled social engineering, DER/EV/BESS fleet control, operational data manipulation, and more
09:30	**Application Roadmap** – securing virtualization through the phased delivery of virtualized HMIs, Gateways, and non-critical Control applications to lay a solid foundation for full substation virtualization **Deepa Shaji Kumar**, Asset Technology Standards - **Scottish and Southern Electricity Networks**	**Business as Usual** – managing the migration of IEC 61850 process bus substations from pilot projects to business-as-usual, through rapid implementation, effective operations and simplified maintenance **Erik Wejander**, Project Manager Digital Substations - **Svenska kraftnät**	**Modular SCADA** – driving vendor-independence through the phased upgrading of grid-control functions through a series of interoperable services enabling faster DER integration, high-quality analytics, and cyber resilience as the grid evolves **Arya Fazilat,** Head of MCCS Labs - **50Hertz Transmission**	**Procuring Next Gen Meters** – balancing the need for scale with standards, local fit, and supplier diversity when specifying technology and managing the testing and implementation process	**Active Distribution Grid** – designing telecom networks for visibility and controllability of a range of renewable assets including rooftop solar, batteries, EVs, flexible demand, and community energy systems, without over relying on grid re-enforcement	**Flexibility Management** – coordinating diverse, uncertain and distributed resources so they respond at the right location, speed and duration without breaching network, customer, market or safety constraints **Peter de Koning,** Enterprise Architect - **Alliander**	**AI-driven Data Quality** – from rule-based to context-aware systems for detecting, explaining, prioritising and estimating data problems across a range of operational systems **Olivier Halkin,** Data Scientist, Assets & Connectivity - **Elia**	**Quantum Readiness** – quantifying the risks and establishing the timeline and migration path for achieving quantum agility and effectively manage the impact of quantum attacks on OT infrastructure
10:15	**Morning Refreshments in the Exhibition**							
11:15	**PAC Architecture** – optimising the design of virtualized protection, automation and control for deterministic and resilient transmission and distribution systems **Bert Ezendam,** System Engineer - **Alliander**	**Automated Specification** – evaluating the progress made toward error-free machine-readable SCL specification processes that support the rapid deployment of process bus substations **Thomas Sterckx,** Expert - **Elia Engineering**	**Centralised SCADA** – balancing a resilient real-time core for effective governance with modularity, cloud assistance, and grid edge autonomy to deliver end-to-end coordination and adaptability in the DER integrated grid	**Combined Meters** – evaluating progress toward combined electricity, gas, water metering solutions, and identifying the opportunities and challenges utilities face in installing and managing these	**Teleprotection** – ensuring deterministic performance, end-to-end resilience, cybersecurity and timing integrity for utility telecom networks supporting critical teleprotection applications	**Forecasting & Scheduling** – maximising the accuracy of day-ahead demand and renewable forecasts to better coordinate markets and maintain reliability at low costs **Markus Virtanen,** Lead Data Scientist - **Fingrid**	**Machine Learning** – leveraging ML to create a self-improving grid data layer that spots patterns beyond human capability and delivers predictive outcomes for a range of planning, operations, maintenance and flexibility services **Bendic Ritt,** Team Lead Grid Analysis - **Hamburger Energienetze**	**NIS2 Cross-Border** – implementing NIS2 in coordination with TSOs, DSOs, market operators, cloud providers, telecom operators, OEMs, aggregators and DER operators to ensure end-to-end cybersecurity across an interconnected European power system **Martin Sloan,** Group Security Director - **Drax Group**

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12:00	**Migration Path** – mapping out the migration from IEC 61850 process bus substations to software defined substation architectures	**Automated Testing** - creating in-house automated test schedules, aligned scripts for testing, validating results for a complete process bus substation. Ensuring repeatability of the solution for the overall lifecycle of the deployed solution **Mohseen Mohemmed,** Protection & Control Engineering Manager - **SSEN Transmission**	**LV Monitoring** – effectively combining smart meter data, feeder and transformer sensing, accurate topology, state estimation, edge processing, and safe automation to create a LV operations platform that provides truly granular situational awareness of the low voltage grid	**Meter Communication** – implementing a combined PLC, RF Mesh, Cellular LPWAN and fibre network to improve observability and reliability in basements, cities, and multi-utility environments	**Control Room SCADA** – providing secure, continuous, end-to-end communication across thousands of diverse, remote, legacy and modern assets, to enable grid visibility and control throughout normal and disrupted conditions	**DER Orchestration** - from passive unpredictable generation to local responsive flexibility through the combination of accurate network models, secure DERMS controls, and clear customer contracts	**Deep Learning** – applying DL to large, heterogenous, fast-moving datasets including time series, waveforms, images, text, and network connected data to improve forecast accuracy, grid visibility, and predictive operations	**Power Generation Cybersecurity** – implementing IEC 62443 to establish a robust risk-based defence-in-depth OT cybersecurity architecture that protects power plant infrastructure from evolving threats **Romulo Caliri,** OT Architect - **European Energy**
12:45	**Lunch in the Exhibition**							
14:15	**Organizational** – leveraging Digital Twins and VR technologies to prepare the workforce for substation virtualization, training new hybrid OT/IT competencies, and supporting change management **Przemysław Starzyński,** Head of the Innovative Initiatives Office - **ENEA Operator**	**Top-down Engineering** – developing standardised reusable function models, adopting truly interoperable engineering tools and automated end-to-end assurance, to ensure the dependability of process bus substations **Christian Ruopp,** Subject Matter Expert for Control Systems, Digitalization & Substation Automation - **TransnetBW**	**Wide Area Monitoring** – maintaining an accurate, time-synchronised, cyber trusted model to translate high-rate PMU measurements into safe operational decisions **Martin Greenwood,** Asset Specialist, Secondary Systems, Offshore - **TenneT**	**Security by Design** – specifying, testing and upgrading security features for next generation smart metering products to ensure cyber resilience for the entire lifecycle of the product	**Digital Substations** – delivering deterministic, fail-safe real-time communications for protection and control over a shared digital network **Markus Hofsaess,** Performance & Availability Manager - **Bayernwerk Netz**	**Wind Integration** – managing the technical complexities associated with wind power in terms of its variability, remoteness, and converter-connection to the grid to ensure a reliable source of continuous power where it is needed most	**Large Language Models** – empowering the workforce through LLM based knowledge transfer to enable operators to query, interpret, coordinate complex information and speed up their decision making and operational intervention	**Power System Cybersecurity** – implementing IEC 62443 to establish a robust risk-based defence-in-depth OT cybersecurity architecture that protects power grid infrastructure from evolving threats **Rakesh Bali,** OT Cybersecurity Architect - **National Grid**
15:00	**Reliability** – engineering redundancy, guaranteeing deterministic performance, and applying rigorous assurance and lifecycle control to ensure the consistent reliability of virtualized substations	**Muti-Vendor Interoperability** – ensuring effective SCL configuration, reliable GOOSE and SV operation, and meticulous timing synchronisation in multi-vendor process bus substations **Örs Gyula Kőmíves,** Configuration & System Integration Expert - **MAVIR**	**Data Quality** – migrating data quality from the back-office to real-time control safeguard through well-defined quality contracts, shared data models, measurable SLAs and automated remediation workflows **Svein Olsen,** Enterprise Information Architect - **Statnett SF**	**Interoperability** – turning DLMS/COSEM into detailed, testable specification and governance processes for your own market and operating environment	**Predictive Maintenance** – collecting trustworthy condition data from large, dispersed, legacy assets without exposing OT to cyber risk	**Solar Integration** – implementing accurate distribution visibility, PV and flexibility control, and system strength to handle midday surplus and evening ramps	**Agentic AI** – turning fragmented grid data, engineering tools, and procedures into coordinated, semi-autonomous workflows to deliver a range of operational advantages including faster outage response, more effective DER/flexibility orchestration, improved planning **Pekka Wartiainen,** Head of Data & AI - **Caruna Networks**	**Flexibility Security** – maintaining trustworthy real-time control and visibility over a diverse range of flexible assets including, EVs, batteries, heat pumps, DER fleets **Alex Harsch,** Head of Cyber Security Resilience & CyberRange-e - **E.ON**
15:45	**Afternoon Refreshments in the Exhibition**							
17:00	**Rountable Discussion** - open to all participants, this series of roundtable discussions provide the opportunity to bring your real-life grid modernization challenges to the table, and benefit from the experience and insight of the whole power grid ecosystem, in a relaxed and hospitable environment.							
20:00	**End of Day Two**							

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Day 3: 8-Track Technical Conference on Grid Modernization
Thursday 18th March 2027

	SUBSTATION VIRTUALIZATION	IEC 61850 IMPLEMENTATION	CONTROL ROOM SCADA	SMART METERING	TELECOM & CONNECTIVITY	RENEWABLE INTEGRATION	BIG DATA ANALYTICS	OT CYBERSECURITY
	Silver Sponsors: cisco, Grid to great	Silver Sponsor: Triangle MicroWorks	Silver Sponsor: ENEIDA.IO	Silver Sponsor: DLMS	Silver Sponsor:	Silver Sponsor: SMIGHT	Silver Sponsor:	Silver Sponsor:
07:30	**Registration & Refreshments**							
08:30	**Welcome Address from the Chairs**							
08:45	**Cybersecurity** – managing the expanded attack surface and shared dependencies of virtualized substations to ensure their security and resilience **Damien Ploix,** Head of Infrastructure & Cybersecurity Operations – **Enedis**	**Multi-Edition Management** – effectively managing differences in information models, SCL schemas, GOOSE and SV behaviour, PTP profiles, cybersecurity support and engineering tools, to ensure the smooth migration from Edition 1 through to Edition 3	**Data Sharing** – establishing a model to enable data exchange with internal and external stakeholders" (and I can cover the details of the sensitivities and controls as part of the presentation **Alex Stuart,** Head of Data Management - **SSEN Transmission**	**LV Grid Visibility** – combining AMI with targeted sensors and trusted LV digital twins to drive visibility for fast DER connection, congestions management and re-enforcement decisions **Jeff Kartanegara,** Programme Manager Integral Energy Systems - **Alliander**	**Field Operations** – developing a resilient multi-bearer connectivity model with secure mobile access, offline capable workflows, and field to control room operational visibility	**Beyond Connecting Batteries** – Integrating BESS into System Operations: combining longer term prognoses, flexibility products and market dynamics to turn batteries into operational resources for the electricity grid **Mitchel Haeve,** Product Manager, Grid as a Service - **Alliander**	**Planning Twin** – optimising long term investment planning, through the use of a well governed, digital model of the grid to explore future grid conditions, including demand growth, power flows and network constraints, resilience requirements **Matija Naglic,** Corporate Innovation Manager, Digital Twin Programme Lead - **Tennet**	**OT Asset Discovery** – overcoming the complexities of establishing asset visibility to ensure a common foundation for cyber defence, operational resilience, NIS2 evidence, supplier governance and long-term investment planning **Adrienn Kiss,** OT Cybersecurity Operating Leader - **MAVIR**
09:30	**Time Synchronization** – managing PTP determinism, GNSS resilience and protection level synchronisation in virtualized substation architectures	**Cybersecurity** – implementing IEC 62351 authentication, robust network architecture, and operational security controls to preserve the reliability and security of process bus substations in hostile environments **Iñigo Ferrero Fuente,** Protection and Control Standardization Manager - **i-DE, Iberdrola Group**	**Data Modelling** – interworking IEC 61850, COSEM, CIM, and CGMES to enable the powerful modelling and exchange of grid data from the substation through to external stakeholders **Muhammad Babar,** Manager of Data & Documentation Management - **Tennet**	**DER Orchestration** – transforming millions of distributed assets into a controllable, locationally valuable grid resource, through an end-to-end system that makes technically sound decisions	**RF Mesh** – implementing cost-effective connectivity for smart meters and sensors to deliver two-way connectivity without the need for cellular services	**Power to Heat** – utilising power-to-heat technology as a cost-effective flexibility asset and viable immediate term alternative to BESS **Luca Juillerat,** Founder of OverFlow, Ventures Architect - **Romande Energie**	**Operational Twin** – enabling a more observable, predictive, coordinated and resilient grid through the use of trusted real-time data and topology, physics-grounded state estimation and validation, and a resilient, secure and safe operations architecture **Tomasz Rodziewicz,** Head of Innovation & New Technologies Office - **TAURON Dystrybucja**	**Intrusion Detection** – turning large volumes of network activity from complex OT environments into a small number of high-confidence alerts with a clear, engineering-approved response
10:15	**Morning Refreshments in the Exhibition**							
11:15	**Standards** – aligning IEC 61850, IEC 62351, PTP and virtual PAC to develop a dependable, secure and reusable protection and control platform **Christophe Camelis,** Senior PACS Expert - **Enedis**	**Observability** – implementing IEC 61850-aware, time synchronised monitoring into substation architectures to ensure the reliability and resilience of the protection function **Anders Johnsson,** Power System Specialist - **Vattenfall**	**Cloud Management** – maximising the benefits and minimising the risks through a hybrid-cloud strategy that places edge-first for control, cloud-first for intelligence, federated for collaboration, and zero-trust by design **Sam Julian,** Chief Cloud Engineer - **E.ON**	**Dynamic Tariffs** – establishing the technical foundations for standardised, authenticated, machine-readable, interoperable electricity prices, to enable dynamic pricing as electricity services evolve **Henrik Hagberg,** Head of Price & Revenue Management - **Ellevio**	**Utility-Grade 5G** – ensuring grid safety, reliability and security in the deployment of private or hybrid 5G as a growing part of the utility telecom mix	**LV Visibility** – determining the optimal model for gaining LV visibility of renewable assets, through a combination of Sensors, Smart Meters, and Digital Twin	**Asset Twin** – combining real-time condition data, historical performance and engineering models to support predictive intelligence, proactive maintenance and improved reliability through the asset lifecycle	**Patch Management** - implementing a risk-based patch management strategy to ensure the timely and effective patching of the most vulnerable assets

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12:00	**Specification** – translating protection objectives into measurable requirements for compute, networking, timing, cybersecurity, resilience and lifecycle management **Paulo Libano Monteiro,** Director of Innovation & Technology - **E-REDES**	**DER Integration** – evaluating how IEC 61850 is evolving to support its plug and play use for DER integration across a wide range of renewable assets	**AI-Driven Automation** – identifying new AI applications in SCADA systems to support data quality, prediction, diagnosis, optimisation, decision support, and carefully bounded control **Jan Petráček,** Programme Manager - **CEZ Distribuce**	**EV Charging** – transforming smart meter infrastructure into a trusted visibility, tariff, verification and settlement layer enabling automated low-cost charging, targeted local congestion relief, and auditable flexibility payments	**450 MHz LTE** – investing in resilient low-bandwidth telecom for national and regional telecom coverage to support critical IoT and distribution grid digitalisation	**Real-time Balancing** – establishing trusted real-time observability of the grid state to secure real-time balance of power flows in an increasingly renewables driven grid	**Flexibility Twin** – identifying which flexible resources are genuinely deliverable, electrically effective, and commercially controllable at the time and place the grid needs them most **Stéphane Daetwyler,** Strategic Development Manager - **Romande Energie**	**DER Security** – delivering an effective cyber-physical security strategy to fully monitor and protect a range of distributed assets, located in the public domain and out at sea, from the growing risk of physical and cyber-attacks as hybrid warfare intensifies **Tom Madsen,** Cybersecurity Architect - **Energinet**
12:45	**Lunch in the Exhibition**							
14:15	**Testing** – building system assurance test regimes for deterministic performance, failover and cyber resilience in virtualized substations	**Energy Storage** – interworking IEC 61850 with BESS specific standards to gain insights into status, measurements, alarms and availability, to maximise visibility of battery performance to the grid	**AI-Driven Automation** – identifying new AI applications in SCADA systems to support data quality, prediction, diagnosis, optimisation, decision support, and carefully bounded control **Joep van Genuchten,** Data Architect - **EPRI**	**Meter Data** - unlocking the value of smart meter data: from operational insights to the next generation of metering in Austria **Lukas Kloibhofer, Head of Metering Department - Netz NÖ**	**IP/MPLS** – adopting the next level through SR-MPLS for policy driven traffic engineering, continuous telemetry, automated assurance and integration with edge and private wireless for WANs	**Voltage Control** – optimising a coordinated closed-loop voltage control system that links phase-aware distribution model and real-time measurements to smart inverters, battery and legacy device controls **Łukasz Kasperski**, Coordinator for Measurement Systems and Energy Quality - **ENEA Operator**	**Congestion Management** – converting high volumes of diverse grid data into a trusted, time-aligned, topology-aware and physically feasible congestion decision model, within narrow time windows and strict safety, market and cyber constraints **Tony Xiang,** Principal Scientist - **Alliander**	**Digital Twin Cyber Testing** – prioritising the most appropriate Digital Twins applications for cybersecurity testing in the absence of high quality data
15:00	**Asset Management** – managing software, platforms and protection system dependencies when migrating toward virtualized substations	**MWide Area Networks** – implementing IEC 61850 to support operational resilience for wide area inter-substation communication and protection	**Alarm Management** - from alarm floods to intelligent incident response through governed alarm lifecycle, contextual incident intelligence, and operator-centred action management	**Meter Data Management** – leveraging next generation open, real-time, AI-assisted grid edge data platform to accelerate smart meter roll-out through governed intelligence and interoperability **İsmail Hakan Daghan,** Senior Metering Systems Engineer - **TEİAŞ**	**Satellite** – re-strategizing the use of satellite to deliver a more resilient observable, coordinated and recoverable grid when terrestrial communications are unavailable	**Congestion Management** – developing a real-time topology-aware congestion management capability that effectively forecasts constraints and activates verified location specific flexibility **Tom Segers,** Head of Department Digitalisation & Communication Techniques - **Fluvius**	**Vegetation Management** – developing a risk-based predictive vegetation management regime through the effective combination of LiDAR and imagery analytics with authoritative grid data, weather/hazard intelligence, transparent risk logic, and human field expertise **Daniel Wilson,** Asset Analytics Manager - **Electricity North West**	**AI-driven SOC** – from alert handling to risk reasoning, expanding the application of AI to speed up response rates and automate predictive context-aware defence strategies
15:45	**Afternoon Refreshments in the Exhibition**							
16:45	**End of Day Three**							

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2026 PARTICIPANT TESTIMONIALS



"SGT26 was a wonderful experience. The AI sessions focused on Large Language Models were particularly insightful and gave me lots of new ideas for when we update our digital strategy. Overall, a great place to update on what's happening in the smart gids as a whole."

Mihkel Harm, CEO - **Elektrilevi**



"This was my first SGT and I loved it. We have a lot of ongoing projects in OT Security and the information I gained here will help us make it harder for attackers to reach our environment. This is a must-attend conference if you are in the power industry."

Andrea Szeiler, Group CISO - **MVM**



""SGT26 exceeded my expectations. Great to see how solutions that were referenced as success stories in utility presentations were actually part of the 1:1 demos and exhibition. This is what I call a complete one stop opportunity to network with purpose."

Rakesh Bali, OT & Cyber Security Architect - **National Grid Electricity Transmission**



"At SGT26 I got a lot of information, a lot of new contacts, had a lot of good conversations, and got a lot of great ideas. I'm a Risk Manager, most of the people attending this conference have a very technical background. This is the place I get to learn a lot about technical stuff. In risk management you need to understand if what's written in terms of risk and measures is realistic."

Razvan Tudor, Director of Risk Management & KYC - **Electrica**



"A great event to meet other grid operators from across Europe, learn what challenges they are facing, what innovations they're working on, and also from vendors what new solutions they're bringing to the market. Very valuable to not re-invent the wheel over and over, SGT saves you time and money."

Jonas van den Bogaard, Digital Strategy Lead - **Alliander**



"This conference helped me meet many leading experts in the industry who truly broadened my perspective and inspired me to reconsider my future plans. Until the next SGT, this will likely remain the best conference I have attended."

Ismail Hakan Daghan, Chief Engineer, Metering Systems Group – **TEIAS**



"We from SVK always have a big delegation, because there are too many interesting topics and points of view to listen to, and we don't want to miss out."

Giuseppe Martinelli, Business Architect - **Svenska kraftnät**



"What makes SGT so valuable is that it brings together communities that don't always interact enough in day-to-day operations. What is particularly important is the exchange of practical experience, not just theory, but what actually works in substations, control centres, and distributed environments. These conversations move the industry from isolated efforts to more coordinated and resilient approaches."

Antoine D'Haussy, RVP OT Practice Lead International - **Fortinet**



"This year we participated in SGT for the first time. The quality of the participants was extremely high. We made a lot of new connections, exchanged experiences and learned a lot. Great job! We look forward to participating again."

Milica Kovacevic, Digital Grid Events Marketing Manager - **Schneider Electric**



"Thanks for the quality of the overall event, especially the quality of the presentations that stay technical and go into deep details with limited commercial speech."

Bruno Castagné, Senior Application Engineer - **GE Vernova**



"What an amazing week in Paris. Early mornings, full days of discussions, late evenings... repeated for three intense days. Exhausting? Yes. Worth it? Absolutely. The technical case-studies were incredibly insightful. The Q&A sessions and follow up conversations pushed me to rethink how solution providers can deliver even more value. I am grateful for the learning, inspired by the conversations, and already looking forward to the next SGTech!"

Mariana Mascarenhas, Principal Solution Consultant - **Aspen Technology**



"A great format for anyone interested in the Smart Grid. A great all-round event for both technology suppliers and utilities to attend. I am looking forward to SGT27 already, it's a really open, friendly environment.

Neil Bosworth, Director of Product Marketing, Smart Energy - **Wirepas**



"Best Smart Grid Industrial Conference. A very nice atmosphere, not too big and not too small. High concentration of utilities for many discussions about the smart grid."

Andrea Bonetti, Senior Specialist Protection Relays and IEC 61850 - **Megger**



"A great opportunity to meet up with customers, suppliers and partners to discuss business opportunities, new technologies and current events in the Energy market."

Tony Milne, Business Development Manager - **Advantech Europe**

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Digital Grid Management provides open, high-performance automation solutions to the power generation, electric transmission and distribution, microgrid, and oil & gas industries. For more information, or to learn more about our SCADA, GMS, EMS, ADMS, OMS, DERMS, Pipeline Management, Network Model Management and Historian solutions visit our website.

Find out more at: www.aspentech.com

Since 2000, SUBNET Solutions Inc. specializes in software solutions that electric utilities, pipelines and other industrial vertical asset owners use to integrate, manage and cybersecure the many different intelligent OT devices deployed to monitor and control their critical infrastructure. Today SUBNET has clients in over 65 countries and secures critical infrastructure of major Asset Owners in 6 continents around the world.

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Wirepas is a global connectivity leader, providing standards-based, ultra-resilient, infinitely scalable networks for large-scale industrial and commercial deployments. Its technology connects 20M+ devices worldwide, including the largest network of more than a million smart electricity meters with a proven 99.99% reliability. Wirepas operates globally across diverse industries including smart building and smart electricity metering sectors**.**

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Axians and Omexom combine their complementary expertise & competences in energy and digital infrastructure to provide innovative, integrated solutions that support the energy transition and the digital transformation of industries, cities, and communities worldwide. Merging our strengths, we enable smarter energy management and optimize operational efficiency, while ensuring the resilience and security of critical infrastructures.

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Omexom, the infrastructure brand of VINCI Energies, operates along the whole value chain of electricity and gas to build low carbon energy sources and develop the grid, promoting optimized energy use, and implementing custom-made solutions. Our offers and services are designed for energy producers, transmission and distribution system operators, local and regional authorities, and their users. Omexom continuously identifies optimal technological solutions and deploys them to meet clients' needs in complete autonomy from its suppliers.

Find out more at: https://www.omexom.com **and** https://www.axians.com

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Secure is a multinational corporation based in Udaipur, India. Founded in 1987 with a strong vision of becoming an enduring business that helps users save money, reduce energy use, and live in comfort, we have come a long way. Today, we are proud to have over 7,200 people across ten countries. Our portfolio spans energy and utility ecosystems, covering advanced assisted living solution, grid metering solution, power quality, smart and intelligent heat controls, and lot more. With our products, solutions, and services, we reach 60+ countries across six continents. We uphold the highest standards of data security and customer service.

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Find out more at: https://www.straton-plc.com/fr

At **Codra,** we are committed to working alongside you on a daily basis to tackle the challenges of Industry 4.0. Our innovation strategy, together with a resolutely human and collective approach, leads us to offer the best in SCADA and technical and scientific engineering. From Electricity, through Oil & Gas and on to Renewables, Codra operates in all sectors of the energy business. Whether in operations, production, transmission or distribution, Codra's solutions play a key part in enabling energy professionals to deliver the products and services that fuel our daily lives.

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Our IEC 61850-compliant and certified Process Interface Units digitize voltage and current data at the source. The compact, DIN-rail Voltage SAMU and Current SAMU (Stand-Alone Merging Units) are 60% smaller than conventional designs, plug-and-play over two fibre-optic cables, and combine protection and power quality in a single device. Together with our virtualization software, including the virtual Merging Unit (vMU), with vPMU (2026) and vPQ (2027) on the roadmap, they enable centralization of devices and software-defined substations across greenfield and brownfield, MV to HV, AIS and GIS, for utilities, industry, data centres and onshore & offshore DER.

Our newest development, CableBooster, applies Time Domain Reflectometry in a novel way: deriving real-time cable temperature to enable Dynamic Line Rating of underground cables. This unlocks additional headroom in existing infrastructure, helping operators absorb renewable feed-in without costly civil works. Grid to Great is ISO 9001 and ISO 27001 certified, with technology deployed in more than 150 substations across five countries and partnerships including leading TSO's and DSO's worldwide. Visit us to discover how we shape a smarter, software-defined substation future – together.

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Cisco is defining the future of utility networks with solutions that help companies unite disparate operations and manage assets more efficiently and securely across the grid. Cisco's portfolio of IP, MPLS and SDWAN networking solutions simplifies and streamlines utility WAN operations. The solutions empower utilities to move toward a modern, full-mesh matrix linking the distribution grid, substations, control center, data center, and corporate offices. With Cisco's industry-leading Primary and Secondary substation solutions, utilities can:

- Converge multiple proprietary systems onto a single IP network and extend IT infrastructure from corporate offices to substations
- Increase system availability, safety, and performance for large-scale networks
- Move from reactive to active network management
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ENEIDA.IO provides DSOs and energy players with eneida DeepGrid®, an open, modular analytics platform for LV grid visibility, optimization and control, enabling reliable, affordable and sustainable neighbourhood grids ready for clean technologies and extreme weather.

Find out more at: https://eneida.io/

DLMS User Association is a not-for-profit organization dedicated to standardizing data models and formats for telecommunication-agnostic data exchange in energy and water sectors. DLMS UA develops and maintains the DLMS specifications – a globally recognized suite that defines the DLMS/COSEM data model, format and application layer, enabling secure and interoperable data exchange across energy and water metering and management systems. DLMS/COSEM is the only standardized, interoperable, evolutive, legally relevant data model, used in over 300 million devices worldwide and supported by a robust certification program. Beyond the core specification, DLMS Generic Companion Profiles (GCP's) facilitate seamless data exchange among specific devices like smart meters and EV charging stations. What sets GCPs apart is their hardware and technology agnosticism, extending compatibility to various communication technologies, cloud solutions, and consumer data exchange protocols. DLMS UA's compliance and compatibility certification programme ensures strict adherence to the standard, promoting a high level of compatibility. Rigorous testing ensures that certified devices meet the requirements and deliver consistent performance. Actively promoting global adoption, DLMS UA engages with utilities, regulators, and industry players worldwide. Seeking to establish DLMS/COSEM as the de facto standard for utility metering, smart grid and grid edge applications, DLMS UA plays a pivotal role by providing a collaborative platform, overseeing certification processes, and advocating ongoing standards evolution.

Find out more at: https://www.dlms.com/

SMIGHT gives distribution system operators eyes on the low-voltage grid. Our sensors retrofit into existing substations and cable distribution cabinets, measuring voltage and current per phase at high resolution. That data feeds our software platform, where DSOs see loading, phase imbalance, hosting capacity and emerging bottlenecks across their LV network — not modelled, but measured. NeMS, our network management system, closes the loop, turning visibility into control of flexible assets. One integrated path from first measurement to active LV network management, in daily use at over 150 DSOs across six countries.

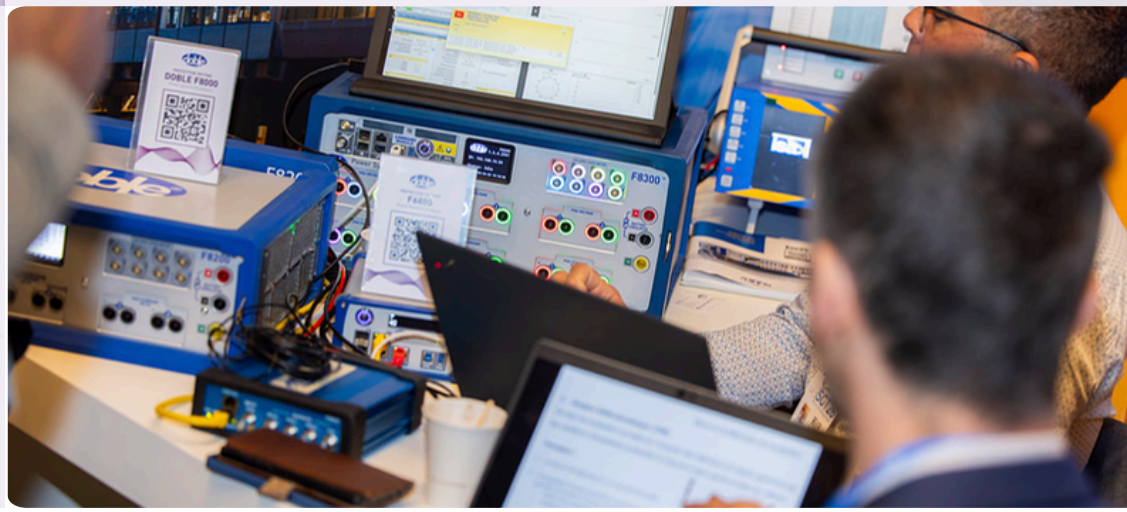
Find out more at: https://smight.com/

For over 30 years**, Triangle MicroWorks (TMW)** has been providing solutions for standards-based protocols. Our primary goal at Triangle MicroWorks is to provide innovative and reliable solutions with timely support for our customers. We enjoy building personal relationships with our customers and understanding their needs. Today, Triangle MicroWorks serves hundreds of software and hardware vendors around the world in more than 70 countries. Triangle MicroWorks has grown over the years to provide a wide array of Communication Protocol solutions including Communication Protocol Software Libraries, PC-based Test and Configuration Tools, OPC drivers, and Protocol Gateways. TMW's Software Libraries and Tools support industry-standard communication protocols including DNP3, IEC 61850, IEC 60870-5, IEC 60870-6 (TASE.2/ICCP), OPC, and Modbus.

Find out more at: https://www.trianglemicroworks.com/

KEMA Labs, a division of the CESI Group, is a prominent global player in the Testing, Inspection, and Certification (TIC) industry, specializing in a comprehensive range of services related to electrical grid equipment. With facilities located worldwide, KEMA Labs ensures that all types of grid components, spanning from low to ultra high-voltage, meet the highest standards of performance and safety. KEMA Labs offers a robust suite of services that extend beyond traditional highpower and high-voltage equipment testing. KEMA Labs also provides consultancy, testing, and certification services for modern electronic components such as smart meters, protection relays, and substation automation and communication equipment. For these intelligent electronic devices.

Find out more at: https://www.cesi.it/about-us/overview/kema/



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Digital Grid Management provides open, high-performance automation solutions to the power generation, electric transmission and distribution, microgrid, and oil & gas industries. For more information, or to learn more about our SCADA, GMS, EMS, ADMS, OMS, DERMS, Pipeline Management, Network Model Management and Historian solutions visit our website.

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Exhibitors:

EcoPhi specializes in substation digitalization and virtualization, driving grid efficiency, reliability, and sustainability. The QMU 800, our ultra-high-sampling merging unit replaces outdated hardwares like PMUs, PQMs, partial discharge monitors and protection relays, delivering richer and more precise data for smarter decisions. To further enhance the grid edge, our highly scalable centralized platform the CMPC 800 unlocks the future of grid management with extremely granular data to enable better decisions. By combining machine learning, real-time data, and predictive analytics, we help operators proactively address potential issues, reduce downtime, and shape a more resilient energy future.

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The portfolio includes robust router solutions for LTE 450, private LTE and 5G networks, as well as public 4G and 5G mobile networks. Garderos' on-premise central management system enables the secure and efficient operation of large, distributed router fleets over long product lifecycles. Garderos develops its solutions in Munich and is certified according to ISO 27001. The company is an active member of, among others, the 450 MHz Alliance and the Versorger-Allianz 450.

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NovaTech Automation provides automation products and solutions for electric utilities, used in substations, pole tops, enterprises, and grid edges.
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- Synchronization GPS Clocks
- Fault Digital Recorders & Power Meters
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Digital Smart Group (DSG) is NovaTech Automation's Value Added Reseller (VAR) for EUROPE and the UK. DSG helps accelerate the adoption of technology by providing customized solutions, expert consulting, and seamless integration services. Technologies that enable a more sustainable and resource-efficient future across the energy and industrial sectors.

Find out more at: https://www.novatechautomation.com/es

Advantech is a global leader in IoT intelligent systems and embedded platforms, with the corporate vision of "Enabling an Intelligent Planet." To embrace the trends of edge computing and artificial intelligence, Advantech fully deploys its sector-driven strategy and focus on Edge Computing and Edge AI, targeting five key markets: Edge Intelligence Systems, Manufacturing, Energy and Utilities, iHealthcare, and iCity Services & iRetail.

In the meantime, Advantech is enhancing its global presence and core competitiveness by integrating its Edge Computing hardware platform, the WISE-IoT software platform, and sector-specific Edge AI solutions with domain expertise. The integration will form an "Orchestration" model for seamless industrial chain connections, benefiting both our partners and clients. Advantech is also working with business partners to co-create business ecosystems that accelerate the goal of industrial intelligence.

Find out more at: www.advantech.com/en-eu/

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Find out more at: http://www.safegrid.io/

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In the energy industry DNV provides assurance to the entire energy value chain through its advisory, monitoring, verification, and certification services. As the world's leading resource of independent energy experts and technical advisors, the assurance provider helps industries and governments to navigate the many complex, interrelated transitions taking place globally and regionally, in the energy industry. DNV is committed to realizing the goals of the Paris Agreement, and supports customers to transition faster to a deeply decarbonized energy system.

Find out more at: www.dnv.com

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Find out more at: www.navitasoft.com

Founded in 2017 as a spin-off of RWTH Aachen, **envelio** provides software for network operators. With its specially developed Intelligent Grid Platform, the cleantech company offers its customers a transparent insight into actual network operations. The digital twin enables network operators to optimize processes through automation and digitization, address network vulnerabilities and automate network connections. Based in Cologne, the award-winning software company aims to offer its platform solution in more markets, further advancing its internationalization.

Find out more at: www.envelio.de

Kalkitech Connects Control Systems & Sensors and Computing Systems to build a digital, smarter, cleaner, and more equitable world. We provide edge software, edge analytics, edge hardware, middleware, cloud software, application software, consulting and implementation services, and integration solutions to enable digital transformation for the Industries we serve. Our solutions enable customers to implement mission-critical applications from the edge to the data center or cloud. To build standards-based solutions, services, and products, we invest extensively in research and development in several areas, including power systems engineering, thermal engineering, control theory and communication, and information technology. In 2014, Kalkitech acquired Applied Systems Engineering (ASE), a protocol technology leader and a leading manufacturer of Remote Terminal Unit (RTU)/Intelligent Electronic Device (IED) protocol test equipment for the supervisory control and data acquisition (SCADA) industry. ASE has developed market-leading substation protocol test sets for more than 100 substation and industrial protocols over 40 years. We collaborate with leading companies, end customers, OEMs, and System Integrators in the Energy and Utilities Industry to provide market-leading solutions, products, and services. With solid partner networks across the globe and customers in over 70 countries, Kalkitech understands the regional challenges better and offers flexible, scalable, and secure solutions. Kalkitech also provides specialized consulting, product engineering, and digital transformation services for the global energy, utility, and industrial automation sectors.

Find out more at: www.kalkitech.com and www.ase-systems.com

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Participant Inclusions: the delegate, exhibitor and sponsor fee covers attendance of the conference sessions, access to the exhibition area, and receipt of the speaker presentation materials, provision of lunch and refreshments during the course of the conference and networking activities. This fee does not cover the cost of flights, hotel rooms, room service or evening meals.

Participant Restrictions: two or more delegates may not 'share' a place at the conference, separate bookings must be made for each delegate. The exhibitor and sponsor benefit structure detailed in the associated order form may not to be subdivided, shared or distributed with any firm other than the signatory of the order form and therefore excludes but is not limited to partners, affiliates, clients, suppliers and associates. Using the conference as a platform to promote competing events is strictly forbidden, and failure to observe this clause will result in attendees being removed from the event without any entitlement to refunded fees or expenses incurred.

Event Cancellations: once booked delegate, exhibitor and sponsor cancellations cannot be facilitated. You may, however, nominate in writing, another delegate, exhibitor or sponsor to take your place at any time prior to the start of the conference. In the event that Smart Grid Forums postpones an event, the delegate, exhibitor or sponsor fee will be credited toward the re-scheduled event. If you are unable to participate in the re-scheduled event, full refund of fees will be made but we disclaim further liability.

Event Alterations: it may be necessary for us to make alterations to the content, speakers, timing, venue, format or date of the event as compared with the original programme.

Fortuitous Events: Smart Grid Forums shall assume no liability whatsoever if an event is altered, re-scheduled, postponed or cancelled due to a fortuitous event, unforeseen occurrence or any other event that renders performance of this event inadvisable, illegal, impracticable or impossible. For the purposes of this clause, a fortuitous event shall include but shall not be limited to: an Act of God; government restriction and/or regulations; war or apparent act of war, terrorism or apparent act of terrorism; civil disorder, and/or riots; curtailment, suspension, and/or restriction or transportation facilities/means of transportation; or any other emergency.

Data Protection: Smart Grid Forums gathers personal data in accordance with EU GDPR 2016 and we may use this to contact you by post, email, telephone, fax, sms to tell you about other products and services. We may also share your data with carefully selected third parties offering complementary products and services. If you do not wish to receive information about other Smart Grid Forums events or products from selected third parties, please write to us at: registration@smartgrid-forums.com

Governing Law: this agreement shall be governed and construed in accordance with the laws of the UK, EU, and UAE.

VAT Treatment: the customer must supply their VAT number at the point of registration to ensure the correct VAT treatment for in-person and virtual events. For in-person events VAT is charged to all participants at the VAT rate of the country the event is taking place in as that is considered the place of supply. For virtual events VAT is charged only to those customers who reside in the UK and/or UAE since the location of the organiser and the place of supply to the customer are both in the UK and/or UAE. Please note that these VAT rules are specific to 'ticketed' b2b events and that VAT rules for other types of events supplied by other types of organisers may vary.

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