European Smart Grid Strategies
Achieving a Successful Transition

17-18 September, 2009
Hilton Berlin
Berlin, Germany

Some of the key speakers will include:

- Hans-Josef Fell, Member of the German Parliament, Chairman, Energy Watch Group, Germany
- Ronnie Belmans, Chairman, Elia, Professor of KU Leuven, Belgium
- Nikos Hatziargyriou, Vice Chairman and Deputy Chief Executive Officer, Public Power Corporation, Greece
- Terje Gjengedal, Vice President of New Energy, Statkraft, Norway
- Tahir Kapetanovi, Director Electricity, Energie-Control, Austria
- Peter Tomaszewski, Head of Contract Sector Euratom Supply Agency, European Commission, Luxembourg

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Cisco® Smart Grid solutions bridge across multiple technologies to enable utilities and other organisations in the energy industry to build secure, standards-based IP networks to efficiently meet the demands of energy generation, distribution, storage, and consumption. Designed to meet the requirements of next-generation intelligent energy networks, the Cisco Smart Grid solutions supply a secure, standards-based communications infrastructure from generation to home. Cisco Smart Grid is a combination of products, technologies, services, and ecosystem partners that optimize communications, improve resilience, and reduce the operational cost and complexity of the energy grid.

Cisco Smart Grid solutions are designed to:
- Reduce energy network outages and disruptions
- Minimise risks by increasing the resiliency and security of the power grid
- Lower the cost of energy storage, transmission, and distribution
- Improve management operational efficiency
- Help increase environmental sustainability

For more information, visit: [www.cisco.com/web/strategy/energy/smart_grid_solutions.html](http://www.cisco.com/web/strategy/energy/smart_grid_solutions.html)
The paramount importance of using smart technologies for generating, transmitting and distributing electricity has been reaffirmed by the European Commission through its proposed new energy market legislation.

The smart grid will allow connected utilities to move electricity around the system as efficiently and economically as possible. It will add extra control, monitoring, analysis and communication capabilities to the European electrical delivery system to optimise flow while reducing use.

The smart grid will also draw benefits from new technologies, including hybrid electric vehicles, distributed generation, solar energy, smart metering, lighting management systems and distribution automation.

Building on the success of its energy events in Europe, Platts will hold its inaugural European Smart Grid Strategies conference in Berlin on 17-18 September. It will explore in depth all the core sector areas as well as significant related topics, including optimising grid infrastructure, integrating large-scale intermittent generation, deployment priorities, finance and incentives, information and communication technology, new markets, users and energy efficiency. The conference will also examine a number of case studies showing how new projects have been implemented across Europe and elsewhere.

Providing unrivalled business and networking opportunities, Platts European Smart Grid Strategies conference promises to be an unmissable annual event for all those active across the electricity grid industry.

Key areas to be investigated:
- Hear the latest regulatory updates
- Find out more on incentives and ways of financing the smart grid
- Learn from smart city and electric car pilot projects
- Find out more on micro-grids, distributed energy resources as well as smart metering

Team Discount – Register 3 or more attendees simultaneously and SAVE €360 per person

For more information please contact Stacey Knox, telephone +44-(0)-20-7176-6300 or email conf_registrations@platts.com

Supporting media partners

European Smart Grid Strategies
Achieving a Successful Transition
### Programme

#### Day one: Thursday 17 September, 2009

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<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>08:00</td>
<td>Registration and continental breakfast</td>
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<tr>
<td>08:45</td>
<td>Chairman’s welcoming remarks</td>
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<td><strong>Ross McCracken</strong>, Editor, Energy Economist, <em>Platts</em>, UK</td>
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<tr>
<td>09:00</td>
<td>Keynote address: Making the smart grid a reality</td>
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<td><strong>Hans-Josef Fell</strong>, MP, Chairman, <em>Energy Watch Group</em>, Germany</td>
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<tr>
<td>10:00</td>
<td>Smart grids – the regulatory and legislative framework</td>
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<td>10:30</td>
<td>Networking and refreshment break</td>
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<td>11:00</td>
<td>Transmission and smart grids: Getting the best investments</td>
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<td>- Power sector trends in OECD/IEA countries</td>
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<td>- Outlook for investments in transmission and smart grids</td>
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<td></td>
<td>- Policy and regulatory frameworks as enablers</td>
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<td>- Grid investments: A key to security of supply</td>
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<td>11:30</td>
<td>The European power system: New challenges for Transmission System Operators (TSO)</td>
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<td>- Reinforcement of electricity networks optimisation requirement using a combination of means</td>
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<td>- Looking at the different initiatives adopted by TSOs aiming to develop a European smart power system and efficient European electricity</td>
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<td>- Using the same initiatives to meet the coming challenges from the EU energy policy targets for 2020 and beyond</td>
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<td><strong>Emanuele Colombo</strong>, Manager Power System and Markets, R&amp;D Department, Executive Board, Senior Advisor, <em>RTE</em>, France</td>
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<tr>
<td>12:00</td>
<td>Enhancing European grid operation and activity</td>
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<td>- Smart grids: From a vision to the implementation</td>
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<td>- New grids challenges</td>
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<td>- The SmartGrids platform contribution and work in developing its vision paper and Strategic Research Agenda</td>
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<tr>
<td>12:30</td>
<td>Networking lunch</td>
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<td>14:00</td>
<td>Case study: Mannheim – the intelligent model grid</td>
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<td>- The Mannheim model city e-energy project – success factors and enablers</td>
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<td>- The new business model and incentive systems</td>
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<td>- Successful integration of changed processes, using service-oriented software architecture</td>
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<td>- Exploring the project’s new concepts</td>
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<td>- ISET: The next stages in the project</td>
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<td><strong>David Nestle</strong>, Head of Decentralised Energy Management Group, <em>ISET</em>, Germany</td>
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<td>14:30</td>
<td>The smart grid in reality – a case study of SmartGridCity™ implementation in Amsterdam</td>
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<td>- From theory to practice in the smart grid – a review of the real experiences of municipalities/utilities that are implementing the SmartGridCity™</td>
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<td>- Illustrating the journey, the drivers, the actors and the challenge</td>
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<td>- Discussing the status, the results so far, the lessons learned</td>
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<td>- Introducing the intelligent city network</td>
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<td><strong>Simon Giles</strong>, Global Lead for Smart Technology Strategy, <em>Accenture</em>, UK and Ireland</td>
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<td>15:00</td>
<td>Networking and refreshment break</td>
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<td>15:30</td>
<td>Active load management – business potential on the demand side</td>
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<td>- Short and long-term demand growth was satisfied by capacity additions on the generation and grid side in the past</td>
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<td>- The demand side can significantly contribute to reduce future capacity requirements and increase system reliability</td>
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<td>- 10-15% of peak load reduction</td>
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<td>- Up to 30% reserve capacity provisioning from demand side</td>
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<td><strong>Inbar Lasser-Raab</strong>, Senior Director of Marketing, Network Systems and Smart Grid Solutions, <em>Cisco</em>, USA</td>
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<td>16:00</td>
<td>Poland grid and smart technologies case study</td>
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<td>- Poland particular grid and specific challenges</td>
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<td>- Where and when standard solutions did not work and others might perform very well</td>
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<td>- How smart grid is part of the solution</td>
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<td>16:30</td>
<td>Integrating large-scale intermittent generation</td>
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<td>- Large-scale integration of wind power</td>
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<td>- Maximising opportunities from large wind farms onshore and offshore, plus wave and tidal technology-based generation in the future</td>
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<td>- The need for coordinated offshore networks for interconnection and utilisation of generated electric power</td>
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<td>- Is offshore generation integration achievable in the short term?</td>
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<td>- What application research is yet to be completed?</td>
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<td><strong>Terje Gjengedal</strong>, Vice President of New Energy, <em>Statkraft</em>, Norway</td>
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Integrating electric vehicles in smart grids

17:00 Smartening the grid for electric transportation
- Perspectives for electric transportation
- Enexis' Mobile Smart Grid concept
- Practical experience
- The road ahead

Han Slootweg, Manager Innovation, Enexis, Germany

17:30 Electric vehicle, a new building component?
Moving toward an energetic autonomy for building and transport
- Connecting energy producers to consumer buildings
- Strategy control to rationalised local photovoltaic production
- Results on one year simulation using photovoltaic data collected through TRNSYS 16
- Evaluating different resulting scenarios on electric household consumption and vehicle use

Yves Marcoux, Project Manager, Centre Scientifique et Technique du Bâtiment, France

18:00 Networking reception sponsored by Cisco

Day two: Friday 18 September, 2009

08:30 Chairman’s welcome and review of day one
Ross McCracken, Editor, Energy Economist, Platts, UK

09:30 Smart grid, electricity market and regulation
- History and prospects of electricity grids’ smartness
- Impact of distributed generation and other developments
- Regulatory views
- Prospects for the future

Tahir Kapetanovic, Director Electricity, Energie-Control, Member, EU TP SmartGrids Advisory Council, Austria

10:00 The future of intelligent distribution networks
- Increasing complexity in distribution due to increased share of renewable generation
- As a consequence, mainly manual management of distribution networks needs to be replaced by automated grid management
- Significant reduction in grid losses and outages by new technologies
- Streamlined operations by automated processes
- Increased asset lifetime by improved maintenance

Dr. Christian Feißt, Industry Lead Utilities, Internet Business Solutions, Cisco, Germany

Information and communication technology and distributed energy resources

10:30 ICT as an enabler
- ICT-based energy system of the future
- Facilitating self management for future distributed energy systems

11:00 Networking and refreshment break

11:30 Distributed intelligence critical component for sustainable power
- Advanced architectures and control concepts for more microgrids
- Development of alternative control strategies - centralised vs. decentralised
- Standardisation of technical and commercial protocols and hardware

Nikos Hatzigryriou, Vice Chairman and Deputy Chief Executive Officer, Public Power Corporation, Greece

12:00 Metering access practice and strategies
- Roles within the metering data chain across different market models: Lessons learnt from international experience
- Collateral impact on downstream market processes: Settlement, supplier change, position notification (balance management) and future impact of demand response
- Transitioning to smart metering arrangements

Bastian Fischer, Vice President and General Manager, Oracle Utilities Global Business Unit EMEA, Germany

Active distribution networks deployment priority

12:30 Micro grids deployment
- Developing micro grids – background and technical aspects
- What is the scope for micro-generation?
- Control strategies to ensure efficient, reliable and economic operation
- Determining the economic benefits
- Case study: Felix project on micro grids, metering and commercial arrangements

Ana Gonzales Bordagarai, Distribution Planning, Iberdrola Distribution Electrica, Spain

Project Finance and Investment

13:00 Financing smart grid technology
- What technologies are needed to upgrade the ageing power delivery infrastructure?
- What is the role of the smart grid in phasing in the delivery of renewable energy?
- Who will pay for smart grid and energy storage technologies?
- Smart grid financing – Europe vs. US

Anne McIvor, Editor, CleanTech Investors, UK

13:30 Close of conference
Sponsorship opportunities

Sponsorship of Platts European Smart Grid Strategies conference offers you an unparalleled opportunity to be associated with the Platts’ brand and it will demonstrate your organization’s strengths and capabilities to an audience of senior industry decision makers. This opportunity will enable you to:

- Build lasting relationships with senior decision makers
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To find out more information on the opportunities available please contact Michelle Thorby:
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Hilton Berlin
Mohrenstrasse 30
10117 Berlin
Germany

A limited number of rooms have been reserved for Platts European Smart Grid Strategies conference participants at the Hilton Berlin at the preferential rates listed below. The discounted rates are for the nights of 16-17 September, 2009 only and will be honoured until 2 September, 2009 — based on availability.

Room rates:
- €170 per night for single or double occupancy
- Supplementary buffet breakfast charge: €25

Reservations:
- Tel: +49 (0) 302 0234 255
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Check in/out times:
Check in 15:00 and check out 11:00

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- **Standard rate:** €1395.00 + VAT @ 19% per person
- **Group booking:** €1035.00 + VAT @ 19% per person*  
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