

Meet 20+
Utilities, TSOs
And DSOs

11th - 12th
September 2012:
Smart Power
Europe Summit

13th September 2012:
Seminar - Customer
Engagement: The Next Mile
Andel's Hotel Prague

2nd Annual
**TRANSITION TO
SMART
POWER
EUROPE**
www.smartpowereurope.com

Register by 1st June 2012 &
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50% Discount For Utilities

NEW EXECUTIVE INTERVIEW



**Pavel Cyrani, Chief
Strategy Officer &
Member Of The
Board Of Directors,
CEZ GROUP**

**70+
Speakers**

**Connecting The Future Electricity Networks
Through Smart Grids, Meters And Data Solutions**

**Helping Your Business
Transition To A Smarter Network**

- 2050 Energy Policies & Market Models
- Pricing Mechanism & Capacity Forecasting
- 2050 Future Grid Network Solutions
- Demand Response & Demand Side Management
- Impact Of The Grid On The Customer
- Data Privacy & MDM Solutions
- Smart Meters Early Lessons
- Distributed Generation
- M2M Solution for Smart Meter Data
- Cyber Security For Future Grids & Meters
- Smart Grid Energy Storage And Solutions

New For 2012!

NEW Live Interview Session

Hear insights from and put your questions to the Leading Utility - **Pavel Cyrani, Chief Strategy Officer & Member Of The Board Of Directors, CEZ GROUP**

NEW TSO Discussion

Hear from leading experts from **CORESO, ENTSO-E, ENA, IEC** and others on the design for future electricity networks

NEW Network Operators & Utilities Panel

Participate in discussing a pressing industry issue on the **changing role of the future customer**

NEW Academic Research

Hear about the latest research on the **implications of deep de-carbonisation for consumer engagement** on utilities, generating assets and policies by the London Business School

PLUS

Essential Seminar

Customer Engagement: The Next Mile!

Wednesday 13th September 2012

Share and capture some of the industry best practice to help understand and simplify customer engagement business models.

- The Psychological Case For Dynamic Pricing
 - What To Do With The Customer Data
 - A Comparative Of The US And Europe Utility Engagements
 - Master Class: Top Industry Tips To Engage With Your Customer
- Insights From **ESNA, VaasaETT, E-Meter, SEDC** and more...

**Over 70 Speakers Explore Europe's
Transition To A Smarter Power Network**

Future Role Of TSO / DSO



Per Hallberg
Chair Of Working Group
on Smart Grids
**EURELECTRIC / Senior
Advisor of European
Affairs
VATTENFALL**

Utility View



Ondrej Mamula
Business Leader Smart
Metering Pilot Project &
Smart Grid Projects
Portfolio Manager
CEZ GROUP

Future Advanced DMS



Michael Anderson
Senior VP For Smart Grids
ECHELON

USA Energy Policy



David Coen
Commissioner
**VERMONT PUBLIC
SERVICE BOARD,
NARUC**

Big Data



Gyoza Kmethy
President
DLMS / COSEM

2050 Future Networks



Dr Mihai Paun
Network Development
Advisor
ENTSO-E

Electricity Storage



Stéphane Rapoport
Project Manager - Power
System Consulting
GDF SUEZ

Market Models



Göran Hult
Head Of R&D
FORTUM SWEDEN

TSO View



François Boulet
Chief Executive Officer
CORESO SA

Distributed Generation



**Gabrielle Seeling
Hochmuth**
Director Gas
Competence Centre
VATTENFALL

Capacity Forecasting



Arun Anand
Forecasting Consultant &
Senior Analyst
TOTAL GAS & POWER

Smart Grids vs Customers



Poul Berthelsen
Projektleder
NRGI

Smart Meters vs Customer



**Kristina Fløche
Juelsgaard**
Udviklingschef
SEAS - NVE

Demand Response



Ursula Krisper
Head of Advance Services
ELEKTRO LJUBLJANA

Grid Security & Scada



Johan Rambi
Privacy & Security
Officer
**INFOSTROOM,
ALLIANDER**

**What Makes Smart Power
Europe 2012 A Must Attend?**

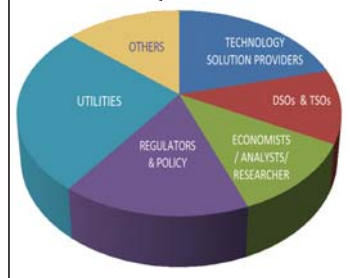
- 70+ Sessions on key industry developments
- 70+ Senior Experts from across the electricity value chain
- 5 Multi-Stream options
- 150+ Active Smart Energy Experts
- 10+ Speaking Formats and Interactive Features
- 10+ Official Networking sessions
- 10+ European and Global case studies from Denmark, Sweden, Austria, Germany, Czech Republic, Ljubljana, Turkey, UK, USA, Israel & The Netherlands

**Meet Leading Utilities, TSOs/DSOs,
Regulators Already Confirmed**

- CEZ GROUP • VATTENFALL • NRGI
- GDF SUEZ • SEAS-NVE • ECHELON
- LINZ • ENTSO-E • TOTAL GAS & POWER • CORESO SA • FORTUM SWEDEN • ALLIANDER • ENERGY NETWORK ASSOCIATION • ISRAEL ELECTRIC CORP • ENEXIS • ELEKTRO LJUBLJANA • ESNA • SEDC • GEODE
- INFOSTROOM, ALLIANDER
- EURELECTRIC • DOE • NARUC

Who Attended Smart Power 2011?

Smart Power Europe Attendees
By Sector



Supporting Partners



Host Utility



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Smart Power Europe - Managing The Transition To A Smarter Power System



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Extra Features And Interactive Sessions

Keynote Address: Decarbonisation For Consumer Engagement

Share the latest research by one of the leading experts in the field on the impact of a de-carbonised power sector on energy companies, consumers and generating assets, key to your business needs

Keynote Europe and USA Policy Panel

Hear the global policy leaders share their vision on the future energy policies to enable new market models for a smart energy infrastructure



The Expert Leaders Panel

Leading utilities and regulators will analyse the key role of smart energy infrastructure to meet the 2050 energy efficiency goals

VIP Lunch Tables

Sign up on the day for the VIP lunch tables which allow you to meet some of the key speakers face to face to discuss any burning issues over a sit down lunch

Mix & Match Three Streams

The three streams at the conference are designed to give you the choice of what you want to hear about, choose between smart grids, customer engagement and smart meter pilots, MDM and data



Speed Networking

A refreshing way of meeting your peers fast. Make 20 new contacts in 20 minutes!



Follow us at @SmartPower_IEE to keep up to date with Smart Power Europe 2012!



Join the Smart Power Europe discussion group on LinkedIn and connect with other delegates in advance!


























Focused Champagne Roundtables

Participants are invited to join an informal discussion group led by experts in the field over a glass of champagne. A perfect opportunity to learn and network

Smart Power Europe 2012 - Main Conference Day 1

11th September 2012

08.30	Registration & Refreshments		
09.00	 CHAIRMAN'S WELCOME ADDRESS Mark Ossel, Board Member, ESNA		
09.15	THE ANNUAL SMART POWER KEYNOTE ADDRESS The Implications Of Deep Decarbonisation For Consumer Engagement Professor Derek Bunn, LONDON BUSINESS SCHOOL 		
09.45	KEYNOTE REGULATORY PANEL How Will Europe's De-Carbonisation Agenda Impact The Developments Of Energy Infrastructure Plans? Moderator: Mark Ossel, Board Member, ESNA Panelists Include: Scott Minos, Senior Policy & Communication Specialist, DOE Per Hallberg, Chair Of Working Group on Smart Grids, EURELECTRIC & Senior Advisor of European Affairs, VATTENFALL AB David Smith, CEO, Energy Network Association & Chairman, GEODE SMART GRID WORK GROUP Professor Derek Bunn, LONDON BUSINESS SCHOOL    		
10.30	LEADERS SESSION To What Extent Will Smart Meters And Smart Grids Drive The Low Carbon Agenda In Europe And Americas? What Will Be The Role Of The TSO And DSOS In The Future Network Systems? Per Hallberg, Chair Of Working Group on Smart Grids, EURELECTRIC & Senior Advisor of European Affairs, VATTENFALL AB USA's Transition To A Smarter Power System – Policy Update And Market Drivers David Coen, Commissioner, Vermont Public Service Board & Past President, NARUC  		
11.10	Morning Refreshments - Networking Break		
11.45	LEADERS PANEL To What Extent Will Smart Meters And Smart Grids Drive The Low Carbon Agenda In Europe And Americas? Panelists Include: David Coen, Commissioner, VERMONT PUBLIC SERVICE BOARD & Past President, NARUC Michael Anderson, Senior VP Smart Grids, ECHELON Kristina Fløche Juelsgaard, Udviklingschef, SEAS – NVE   		
12.15	ELECTRICITY MARKET REFORMS IN EUROPE: IMPACT ON ENERGY PRICING AND CAPACITY FORECASTING How Will Energy Prices Be Impacted By The Volatility Of Wholesale And Retail Markets? Arun Anand, Forecasting Consultant & Senior Analyst, TOTAL GAS & POWER 		
12.35	TSO View How To Manage Congestion On The European Smart Grid And Future Networks – TSO View? François Boulet, Chief Executive Officer, CORESO SA 		
13.00	Lunch - Meet The Speakers VIP Lunch Tables		
14.00	THE IMPACT OF THE GRID ON THE CUSTOMER: WHAT DOES IT MEAN FOR THEM  UTILITY CASE STUDY The Impact Of The Grid On The Customer Poul Berthelsen, Projektleder, NREGI	SMART GRIDS – POLICIES, MARKET MODELS, TECHNOLOGIES & PILOTS FOR FUTURE T&D NETWORKS  SMART GRID MARKET MODELS How Can The Smart Grid Be Implemented And Taken To Market? Göran Hult, Head Of R&D, FORTUM SWEDEN	SMART METERS – EARLY LESSONS AND CUSTOMER EXPERIENCE  SMART METERS AND CUSTOMER EXPERIENCE Smart Meter Implementation Programmes Kristina Fløche Juelsgaard, Udviklingschef, SEAS – NVE
14.20	CUSTOMER ENGAGEMENT What Will Encourage The Customer To Accept The Smart Meter And The Benefits Of Smart Grid? Jessica Strömback, Chairman, VAASAETT Global Energy Think Tank & Executive Director, SMART ENERGY DEMAND COALITION	 SMART METERS VS. SMART GRIDS Challenges Of Smart Meter Foundation To Enable The Smart Grid František Müller, Technology Project Leader, CEZ GROUP	EARLY LESSONS FROM SMART METER PILOTS IN EUROPE Jointly Presented By: Karl Rossegger, Head Of Communications Technology, LINZ AG & Detlef Lau, Director, ECHELON
14.40	 ANALYSING COST VS. BENEFITS Can Smart Grids Save Costs And Energy For The Customers Ondrej Mamula, Business Leader Smart Metering Pilot Project & Smart Grid Projects Portfolio Manager, CEZ	 ENABLING SMART GRIDS Customer Participation And/Or Automation Technologies Martijn van Huijkelom, Innovator, ENEXIS	
15.00	SMART METER RETAIL Smart Meters, Energy Monitoring And Retail Partnerships	FUTURE ADVANCED DMS What Is The Future Of "Advanced Distribution Management Systems" For Smart Grid Efficiency? Michael Anderson, Senior VP For Smart Grids, ECHELON	DYNAMIC PRICING Billing And Real Time Energy Saving Solutions For The Customer
15.20	Afternoon Refreshments & Speed Networking		
16.00	DEMAND RESPONSE AND DEMAND SIDE MANAGEMENT VPP AND DEMAND RESPONSE Eastern Europe - First Virtual Power Plant Based On Demand Response Ursula Krisper, Head of Advance Services ELEKTRO LJUBLJANA 	SMART GRIDS – POLICIES, MARKET MODELS, TECHNOLOGIES & PILOTS FOR FUTURE T&D NETWORKS SMART GRID LIVE LAB UPDATE From Design To Implementation Frans Campfens, Senior Consultant Intelligent Netbeheer ALLIANDER N.V.	SMART METER DATA PRIVACY, MDM SOLUTIONS AND BEYOND! THE 'BIG DATA' CHALLENGE FOR THE UTILITIES Can DLMS Standards Set The Right Requirement For Meter Security Gyozo Kmethy, President, DLMS/COSEM 
16.20	RESIDENTIAL DEMAND RESPONSE Practical Case Studies	MANDATE 490 What impact will Mandate 490 have on smart grids Teus de Zwart, Senior Director International Standards, ECHELON BV	SMART METER PRIVACY Privacy Of Smart Meters And How That Is Linked To The Grid Alicia Carrasco, Director Regulatory Affairs EMETER-SIEMENS BUSINESS UNIT
16.40	INDUSTRIAL DEMAND RESPONSE FOR CONNECTING THE EU How Will Cross Border Power Sharing Enable Demand Response? Marko Svetina, VP Strategy and Alliances, CyberGRID	 SMART GRID SECURITY AND SCADA Johan Rambi, Privacy & Security Officer, INFOSTROOM, ALLIANDER	BE SMART ABOUT YOUR SMART GRID DATA Metering Solution On Data Logging, Analytics And End To End Customer Engagement Stuart Ravens, Principal Analyst – Energy & Utilities Technology, OVUM
17.00	AUTOMATED DEMAND RESPONSE: WHAT ARE THE CHALLENGES AND OPPORTUNITIES? Scaling Up Smart Grid Research And Technologies Jamie Vollbracht, Head of New Ventures, Innovation, CARBON TRUST UK 	Frans Campfens, Senior Consultant Intelligent Netbeheer, ALLIANDER N.V.	BIG DATA, CLOUD AND MOBILITY What's In It For Smart Utilities? Roberta Bigliani, EMEA Research Director IDC ENERGY INSIGHTS
17.20	DISCUSSION How Efficient Are Virtual Power Plants For Managing Distributed Generation And Monitoring Power Quality On The Grid?	 NETWORK CODES European Network Code On Demand Connection Edwin Haesan, Planning Methods Advisor, ENTSO-E	DISCUSSION If Managed Well, Can Big Data Dramatically Improve Utility Operations And Customer Interactions?
17.45	CHAMPAGNE DISCUSSION ROUNDTABLES		
17.45	Can An Inter-Connected Power Network Enable A Pan European Hub Price?	Closing The Gap: Why Do EV's Have Low Adoption Uptake Currently vs. The Industry Investment And Expectation?	How Far Can RHI And FITs Be An Incentive To Invest In Heat Storage Mechanisms?
18.15	NETWORKING DRINKS RECEPTION		

Smart Power Europe 2012 - Main Conference Day 2

12th September 2012

08.30	Registration And Refreshments	
08.50		CHAIRMAN'S WELCOME ADDRESS Mark Ossel, Board Member, ESNA
ELECTRICITY NETWORKS OF THE FUTURE : GRID INFRASTRUCTURE, CHALLENGES AND OPPORTUNITIES		
09.00		Electricity Network Planning Until 2050 – The e-HIGHWAY2050 Project Dr Mihai Paun, Network Development Advisor, ENTSO-E SYSTEM DEVELOPMENT COMMITTEE
09.25		DEVELOPMENT OF ELECTRICITY STORAGE: OPPORTUNITIES IN EUROPE How Electricity Storage Can Help Managing Congestion On The European Smart Grid And Future Networks? Stéphane Rapoport, Project Manager - Power System Consulting, Tractebel Engineering, GDF SUEZ
09.50	 	SMART POWER NETWORK OPERATORS AND UTILITIES PANEL The Changing Role Of The Future Customer From Service Takers To Service Providers To The Network: How Will These Smart Networks Fundamentally Alter The Business Model For Utilities? Ondrej Mamula, Business Leader Smart Metering Pilot Project & Smart Grid Projects Portfolio Manager, CEZ Kobi Yahav, Head Of Smart Grid Initiative, ISRAEL ELECTRIC CORPORATION Dr Mihai Paun, Network Development Advisor, ENTSO-E SYSTEM DEVELOPMENT COMMITTEE Stéphane Rapoport, Project Manager - Power System Consulting, Tractebel Engineering, GDF SUEZ
10.30		SMART GRIDS OR SUPER GRIDS What Is The Current Progress Update On Integrated Network Opportunities For Europe Through The Super Grid? Christopher Marchant, Acting Regional Manager South East, Power Networks, PARSONS BRINCKERHOFF & Board Member, FRIENDS OF SUPER GRID
10.50	Morning Refreshment - Networking Break	
11.15		UTILITY EXECUTIVE INTERVIEW With European Member States Proactively Engaging In Transitioning To A Smarter Network – What Opportunities Can Smart Meters And Smart Grids Present As A Solution For Energy Efficiency ? Pavel Cyrani, Chief Strategy Officer & Member Of The Board Of Directors, CEZ GROUP
11.45	  	GLOBAL OVERVIEW ON ENERGY EFFICIENCY: SOLUTIONS AND BRIEFING PANEL North America: Smart Grid Developments Scott Minos, Senior Policy & Communication Specialist, DOE Contrasting The challenges For Smart Grid Deployment: USA vs Europe Ashutosh Shastri, Director, ENERSTRAT CONSULTING Israel Road Map For Smart Grid Implementation Kobi Yahav, Head Of Smart Grid Initiative, ISRAEL ELECTRIC CORPORATION Turkey: What Key Progress Is Being Made On The Smart Energy Infrastructure?
13.00	Lunch - Meet The Speakers VIP Lunch Tables 	
DRIVERS AND OPPORTUNITIES FOR DISTRIBUTED GENERATION ON THE GRID		DRIVING E-MOBILITY IN EUROPE
14.00	 MICRO/CO-GENERATION Germany: Current Gas Market Drivers For Smart And Micro /Co-Generation Technologies Gabriele Seeling Hochmuth, Director Gas Competence Centre VATTENFALL	 E-MOBILITY POLICIES IN EUROPE Creating The Need For An Integrated Evolutionary Approach Towards E-Mobility In Europe Petr Doleczi, Director Mobility & Sustainable Transport, ACEA
14.20	CUSTOMER INCENTIVE What Financial And Practical Services Can Be Offered To The Customer To Encourage More Micro – Generation? Jon Slowe, Director, DELTA ENERGY AND ENVIRONMENT	 UTILITY VIEW How Are Utilities Managing Distribution Networks To Harness The Commercial Benefit Of A Stable Grid? Tomas Chmelik, Head Of E-Mobility Project, CEZ GROUP
14.40	INTERMITTENCY SOLUTIONS Using Communication Technologies To Solve Intermittency Of Renewables On The Grid Peter Johnson, Vice President Energy Markets ALCATEL LUCENT	EV INFRASTRUCTURE EVs And Their Impact On Consumers
15.00	Afternoon Refreshments & Networking Break 	
15.30		M2M SOLUTIONS FOR SMART METERS AND DATA How Can M2M Platforms Become Seamlessly Integrated With Metering Software For Real-Time Data And Analysis? Göran Nässtrand, Global M2M Business Development Manager - Utilities, VODAFONE M2M
15.50	INTEGRATING IT & OT TO ENHANCE FUTURE DISTRIBUTION NETWORKS How Are IT & OT Becoming Interlinked To Provide Industry Solutions?	
16.10	CLOUD SOLUTION FOR UTILITIES Scenarios And Services To Minimise Costs For Utilities By Technologies Like Cloud In Combination With MDM Björn de Wever, Head of Business and Project Development, EVB ENERGY SOLUTIONS GMBH	
16.30	HOW WILL CLOUD NETWORKS STRENGTHEN THE CYBER SECURITY OF THE GRID? What Can Cloud Technologies Do For The Utilities – Solutions And Technology?	
16.50		SUMMARY PANEL - ENERGY STORAGE: COST, OPPORTUNITIES AND TECHNOLOGY BARRIERS Are Smart Grids The Future Of Energy Storage? Panelists Include: Stéphane Rapoport, Project Manager - Power System Consulting, Tractebel Engineering, GDF SUEZ Mark Ossel, Board Member, ESNA
17.15	CLOSE OF CONFERENCE	

Extra Features And Interactive Sessions

Future Electricity Networks

Hear an exclusive update from ENTSO-E on the future long term electricity network planning for Europe with the e-Highway 2050 project and also share a unique insight from GDF Suez on managing congestion with electricity storage on the grid

TSO And Utility Panel

An unmissable panel discussion with leading TSOs, utilities and network operators to give you an insight into the changing relationship of the customer to the grid

Annual Utility Executive Interview

Back by popular demand your only opportunity to share the vision of a smarter electricity network with the Chief Strategist Officer of the CEZ Group live on stage

Global Briefing Panel

Your opportunity to hear from our global guest speakers on country specific smart energy projects and developments. Understand the new business opportunities available and make new contacts.

"I valued the informality of the Q&As at Smart Power Europe and found it a useful event"

David Pitcher
Business Development Director
POWER PLUS COMMUNICATIONS

"The whole Informa Group deserves a great round of applause for this effort. I think this was the start of a good annual conference!"

Scott Minos
Senior Policy & Communication Specialist
US DEPARTMENT OF ENERGY



Follow us at @SmartPower_IEE to keep up to date with Smart Power Europe 2012!



Join the Smart Power Europe discussion group on LinkedIn and connect with other delegates in advance!

Smart Power Europe Summary Panel

As the industry moves forward with new markets models and business opportunities for a smart energy infrastructure we want to conclude with the next big question on energy storage

Introducing Smart Power Europe

The Only European Power Event To Explore The Whole Smart Electricity Value Chain



Playing host to over 150 attendees from leading utilities, TSOs/DSOs, policy makers, technology and solution providers, this event will share an invaluable strategic and commercial knowledge base needed for transitioning to a smarter power industry in the whole electricity value chain and the best networking opportunity.

We look forward to welcoming you to the Smart Power Europe Summit in Prague in September!

What Makes Smart Power Europe 2012 Different?

It is the only European event to explore the transition to a smarter electricity network across the whole value chain; from generation to transmission, to the customer end through smart grids, smart meters, and end to end customer solutions exploring policy, technology, infrastructure and grid capacity issues in a packed agenda.

An unmissable plenary address with **Regulators, Network Operators, Think Tanks & Utilities**

5 unique multi-stream afternoon sessions over two days with the most choice of sessions

70+ topics on the key industry developments researched and handpicked by you

70+ senior experts and speakers from across the smart electricity sector focusing on Europe and global markets

10+ speaking formats and features including on live Interviews, Debates, Sofa Panels & Discussions

10+ Networking formats to meet 150+ senior professionals and decision makers

Focused Seminar on Customer Engagement to help understand the relation to smart grid, smart meters, data privacy and pricing benefits

10+ European and global case studies for shared learning on smart grid and meter pilots from **Denmark, Sweden, Italy, Germany, Austria, Czech Republic, Israel, Ljubljana, Turkey, UK, USA and The Netherlands**

"It has been a real pleasure participating in the Copenhagen event. I think you have organised a very informative and interesting event including people with wide knowledge and views over Smart Grid implementations. It will be a pleasure participating in your future event."

Yackov Dar, CEO and Founder, POWERCOM ISRAEL

"Excellent networking opportunities!"

Jens Vester Christiansson, Smart Grid Specialist





"Smart Power Europe was one of the most exciting conferences I have attended in recent years. Not only was the knowledge imparted up to date and substantive but the format allowed for extensive dialogue with the other participants which is where real learning occurs."

Commissioner David Coen, VERMONT PUBLIC SERVICE BOARD, Past President, NARUC

"Smart Power Europe was a good event with a great collection of industry experts across Europe!"

Arun Anand, Senior Demand Forecasting Consultant TOTAL GAS & POWER

Smart Power Europe 2012 Seminar CUSTOMER ENGAGEMENT: THE NEXT MILE! 13th September 2012

09.00	Registration And Refreshments	
09.30	Chairman's Welcome	
09.40		THE PSYCHOLOGICAL CASE FOR DYNAMIC PRICING How Can The Utility Industry Offer Customers A Financial Proposition For Energy Usage? Dr Philip Lewis, CEO & Founder, VAASAETT OY
10.10		WHAT TO DO WITH CUSTOMER DATA – CAN IT BE TURNED INTO A VALUE PROPOSITION WHICH WILL BENEFIT THE CUSTOMER? End Customers: How To Get Them Involved Actively In The Pilots And Feedback Process? Alicia Carrasco, Director Regulatory Affairs, EMETER-SIEMENS BUSINESS UNIT
10.40	GUEST SPEAKER Partnership And Collaborations On Customer Engagement And Energy Efficiency – Lessons Learnt From Other Industries	
11.10	Networking Break 	
11.40	CHANGING CUSTOMER BEHAVIOUR RESULTING FROM USAGE OF LOW CARBON NETWORKS Smart Homes: Demonstration Project	
12.10		A COMPARATIVE OF THE US AND EUROPE UTILITY ENGAGEMENTS How Are The European Utilities Engaging With Customer: What Has Worked And What Has Not? What Shared Knowledge Can Be Implemented From The US Jessica Strömback, Chairman, VaasaETT, Global Energy Think Tank & Executive Director SMART ENERGY DEMAND COALITION
13.00	Lunch	
14.00	What Are The Utilities Doing With The Customer Data And How Is It Being Managed?	
14.30		MASTER CLASS Top Industry Tips To Engage With Your Customer Mark Ossel, Board Member, ESNA
16.00	Refreshments & Close Of Conference	

2012 TOPIC HIGHLIGHTS

The New Energy Mix - What Will Drive Europe's 2050 Energy Efficiency Goals: How will Europe's decarbonisation agenda with renewables in the mix impact developments of energy infrastructure?

Electricity Market Reforms in Europe - Impact On Energy Pricing And Capacity Forecasting: Analyse the impact of energy prices by the volatility of whole sale and retail markets and congestion on the grid.

Impact Of The Smart Grid On The Customer - What Does It Mean To Them And The Grid Company: How can new programmes, pricing or product options better engage the customer?

Demand Response And Demand Side Management: How can demand response be best deployed to balance capacity and price?

Smart Grid Policies, Market Models, Pilots And Technologies For Future Networks: Explore interoperability challenges and the impact of distributed generation on the grid including the changing role of TSOs/DSOs

Smart Meters, Data Privacy, MDM Solutions And Beyond: Understand the utility and policy perspective on the 'Big Data' challenge in implementing meter roll outs, current solutions and early lessons learnt.

M2M Solutions For Smart Meters And Data Analysis: Share scenarios and services to minimise costs for utilities with technologies like Cloud in combination with MDM.

Future Electricity Networks: Leading TSOs and utilities will share the most updated strategies and technology solutions on developing the future networks and storage on the grid

WANT TO GET INVOLVED?

Would You Like To Raise Your Visibility In The Wide Range Of Industries Involved In Future Power Management?

Take advantage of our branding opportunities via the website, marketing mailshots, social media platforms and many other options.

Could you benefit from showcasing your products & services before key industry players? Achieve this via a high profile speaking slot, chairing a panel debate, participating in a showcase session and many more opportunities.

Are you seeking the lowest cost way of meeting a target audience of decision-makers representing energy and gas companies? Then Smart Power Europe sponsorship may be the optimal route for you.

Sponsorship opportunities, branding & exhibition spaces are limited and allocated on a strictly first come first serve basis, so please contact Max Tattersall on max.tattersall@informa.com or call +44 (0) 20 7017 4673 for further information.

Smart Power Europe Smart Power Europe Main Conference Day 1

11th September 2012

08.30 Registration and Coffee

CHAIRMAN'S WELCOME ADDRESS

Mark Ossel, Board Member, ESNA
 Mark B.M. Ossel (1955), Vice President Echelon, is focused on developing the Energy and Utility market for Echelon in West Europe, Middle East and Africa, by extending the network of partners and growing the customer base. He is involved in AMR since 2001, when the Enel AMR project started. Mark is also member of the board of ESNA (Energy Services Network Association), the international Echelon NES user group, and involved in international standardization efforts. Active member in ETSI, various CEN/CENELEC Technical committees (TC13, TC57), ESMIG and member European Commission Steering Board Taskforce Smart Grid.

THE ANNUAL SMART POWER KEYNOTE ADDRESS

The Implications Of Deep Decarbonisation For Consumer Engagement

- Why deep decarbonisation may lead to high risk or low return prospects for generating assets
- Why greater consumer engagement by energy companies will mitigate this
- The competition and regulatory challenges of a decarbonised power sector

Professor Derek Bunn, LONDON BUSINESS SCHOOL
 Derek W. Bunn is Professor of Decision Sciences at London Business School. Author of numerous research papers and books in the areas of forecasting, econometrics, decision analysis and energy economics, he has been Editor of the Journal of Forecasting since 1984, a previous Editor of Energy Economics, and Founding Editor of the new Journal of Energy Markets. He has advised many international companies and government agencies in the energy sector.

KEYNOTE REGULATORY PANEL

How Will Europe's De-Carbonisation Agenda Impact The Developments Of Energy Infrastructure Plans?

- What new markets models will come for developing smart grid and smart meter infrastructure?

Moderator: Mark Ossel, Board Member, ESNA
Panelists Include:

Scott Minos, Senior Policy & Communication Specialist, DOE
 Scott Minos has worked in various positions for the United States Department of Energy (DOE) since 1986. He currently is employed as a Senior Policy and Communications Specialist for the DOE's Office of Energy Efficiency and Renewable Energy (EERE). He is responsible for developing and compliance with key communication elements that promote DOE's domestic and international programs relating to alternative and renewable energy sources, energy efficiency, and energy conservation as well as the related topics of greenhouse gases and climate change, carbon sequestration, electric transmission, and advanced energy systems.

Per Hallberg, Chair Of Working Group On Smart Grids, EURELECTRIC & Senior Advisor Of European Affairs, VATTEINFALL AB
 Per Hallberg has more than 30 years' experience of the power sector, starting in the 70s in the nuclear sector. After having worked with market- and M&A-issues for many years he took on as the CEO for Vattenfall Distribution AB in the beginning of 2000. Since 2005 Per is a team-member of Vattenfall in Brussels.

David Smith, CEO, ENERGY NETWORK ASSOCIATION & Chairman, GEODE SMART GRID WORK GROUP
 David Smith joined ENA in July 2003 as Director of Policy, and was appointed Chief Executive in October 2007. Previously he was Director of Corporate Affairs at the British Retail Consortium where he was responsible for the retail industry implementation of Chip & Pin in the UK, as well as all internal and external communications for the organisation. David is Vice President of GEODE, the European association for the electricity and gas distribution networks. In the UK he chairs the Energy Executive/Executive Communications Group and sits on the Government Industry Contact Group on Distributed Energy.

Professor Derek Bunn, LONDON BUSINESS SCHOOL

LEADERS' SESSION

To What Extent Will Smart Meters And Smart Grids Drive The Low Carbon Agenda In Europe And Americas?

What Will Be The Role Of The TSO And DSOs In The Future Network Systems?

Per Hallberg, Chair Of Working Group On Smart Grids, EURELECTRIC & Senior Advisor Of European Affairs, VATTEINFALL AB

Usa's Transition To A Smarter Power System - Policy Update And Market Drivers

- New EPA rules on CO2 reduction on power plants - how does this impact the power transmission systems in both public and private sectors?
- How are the utilities being impacted - what has worked and what has not?

David Coen, Commissioner, VERMONT PUBLIC SERVICE BOARD & Past President, NARUC
 Commissioner David Coen is a Past President of the National Association of Regulatory Utility Commissioners, having served from November 2009-November 2010. As President, Commissioner Coen provided oversight and leadership of the Association and chaired the Board of Directors. He also led NARUC's Executive Committee and is a founding member of the Association's Consumer Affairs Committee. As President, he served as the primary voice of the Association, leading NARUC before Congress, the courts, and administrative agencies.

11.10 Networking Break

LEADERS PANEL:

To What Extent Will Smart Meters And Smart Grids Drive The Low Carbon Agenda In Europe And Americas?

David Coen, Commissioner, Vermont Public Service Board & Past President, NARUC

Michael Anderson, Senior VP Smart Grids, ECHELON
 Michael Anderson joined Echelon from Telcordia Technologies, where he was president of the Next Generation software division, responsible for vision and strategy as well as the sales, alliances, go to market and product development teams. Anderson has also held senior executive roles at variety of high growth and established telecommunications & high technology organizations. He began his career at AT&T. Anderson was recently notified as one of the Global Telecom Business Top 100 industry executives. Anderson earned a BA at the University of Washington College of Arts & Sciences in Seattle and completed a fellowship at the Georgetown University Law Center.

Kristina Floche Juelsgaard, Udviklingschef, SEAS - NVE
 Kristina works for SEAS-NVE, the largest consumer owned energy company in Denmark. Kristina has worked in the utility business for the last 10 years. Her primary focus has always been on energy efficiency, metering and consumer involvement. In the recent years she has been working on the grid, storage of renewable energy and consumer activation through incentives to secure integration of renewable energy in the grid system has become her passion.

ELECTRICITY MARKET REFORMS IN EUROPE: IMPACT ON ENERGY PRICING AND CAPACITY FORECASTING

How Will Energy Prices Be Impacted By The Volatility Of Wholesale And Retail Markets?

- Are energy markets getting constrained with Germany pulling out of nuclear, the lack of new build gas fired generation, decreasing reserve margins and the EU commitment to low carbon?

Arun Anand, Forecasting Consultant & Senior Analyst TOTAL GAS & POWER
 Arun's career has taken him into wide range of roles and responsibility in the Energy Utility Sector in the past 6 years. Currently leading and developing the Demand Forecasting Platform for Total Gas and Power UK, as well as liaising with the Power Industry for moving into the smart world. Arun has also worked for 5 years with Centrica - British Gas starting with Sales, Metering, Prepayment and finally Demand Forecasting for 15 million Gas and Power customers. Arun has Smart Metering world and has worked on number of projects to optimise demand forecasting as well as demand planning. Arun is also member of Elxon Profiling and Settlement Review Group Committee.

How To Manage Congestion On The European Smart Grid And Future Networks - TSO View?

- What are current and future technical challenges seen from a European-wide perspective?
- Smart grids: from meters to coordination centres?

François Boulet, Chief Executive Officer, CORESO SA
 François Boulet has an engineer diploma from Supélec, France. Before joining Coreso as Chief Executive Officer, he has worked 15 years in EDF and RTE (the French Transmission System Operator). During these years he moved between operational and management responsibilities in the field of system operations and customer related responsibilities about access to the interconnections (most notable is the design of the first auctions between France and UK for the capacities of the DC-link IFA 2000).

13.00 Lunch - Meet The Speakers VIP Lunch Tables

THE IMPACT OF THE GRID ON THE CUSTOMER: WHAT DOES IT MEAN FOR THEM

UTILITY CASE STUDY

A Case Story: The Impact Of The Grid On The Customer

- What does it mean for them and what does it mean for the grid company?

Poul Berthelsen, Projektleder, NRGi
 Poul Berthelsen has been working in the Utility industry for 7 years at NRGi. Poul has always been active in the distribution side of the business, having technical responsibility for the smart meter system at NRGi including 210,000 smart meters. At the moment (1st May) 120,000 meters is installed and working. Poul is involved in future development and usage of smart meters with focus on the future smart grid. Since 2007 he became responsible for project at NRGi and the technical content of the tender procedure and the project management within NRGi. Poul has studied at Technical College Of Jylland as Academy engineer.

CUSTOMER ENGAGEMENT

What Will Encourage The Customer To Accept The Smart Meter And The Benefits Of Smart Grid?

- How can new programmes, pricing or product options better engage the customer?
- Which solutions have been the most successful so far?
- Real time pricing - Demand response - Data privacy

Jessica Strömback, Chairman, VAASAETT, Global Energy Think Tank & Executive Director SMART ENERGY DEMAND COALITION
 Jessica is a Senior Partner at VaasaETT. She specializes in smart metering, demand response and related smart grid, market structure and market development issues. She is CEO of SEDCO and co-founder of the Retailers Taskforce working under the Smart Grids Technology Platform for the European Commission. She has recently expanded the activities of this Taskforce to cooperate with the Peak Load Management Alliance in the USA - furthering international cooperation in Smart Grids development. She acts as an Expert Reviewer for the European Commission on Smart Grids projects proposals, deciding on funding for proposals and reviewing existing programs. She has founded Global Demand Response Roundtable and the Demand Response Research Database, for the VaasaETT Global Energy Think Tank, collecting the latest research from over 30 countries.

ANALYSING COST VS. BENEFITS

Can Smart Grid Save Cost And Energy For The Customers

- How Is The Industry Developing Open Standard For Meters So That Customers Are Not Locked In When They Sign Up With A Utility?

Andrej Manula, Business Leader Smart Metering Pilot Project & Smart Grid Projects Portfolio Manager, CEZ
 Andrej Manula has been working in utility sector since 1998. For CEZ Group he has been working since 2004, mainly in area of regulatory agenda and process or organization redesign. Currently he is a leader of WPP AMM pilot. Between 2004 and 2007 he has played a key role in an internal project body responsible for post-merger integration of 5 regional distributors into 10 new process focused companies. Between 1998 and 2004 he worked for Accenture as an expert for utilities, focused on strategy development, business model design, process re-engineering or development. In 2007 he has earned an MBA from Joseph M. Katz University of Pittsburgh.

SMART METER RETAIL

Smart Meters, Energy Monitoring And Retail Partnerships

15.20 Afternoon Refreshments & Speed Networking

DEMAND RESPONSE AND DEMAND SIDE MANAGEMENT

16.00

VPP AND DEMAND RESPONSE

Eastern Europe - First Virtual Power Plant Based On Demand Response

How can demand response be best deployed?

Ursula Krisper, Head Of Advance Services ELEKTRO LJUBLJANA
 Ursula is the Head Of Advanced Services Department and engaged in the energy efficiency and demand management projects, solutions for end customers, and many additional services made on customers demand, knowledge. Since 1994 she has been working as an energy efficiency consultant, pilot project of new services & products for end customers, developing new services, based on pilot and real projects on the field of demand side management, pilot project of chillers remote control, involving smart grid elements.

Residential Demand Response Practical Case Studies

INDUSTRIAL DEMAND RESPONSE FOR CONNECTING THE EU

How Will Cross Border Power Sharing Enable Demand Response?

Marko Svetina, VP Strategy and Alliances, CYBERGRID
 Marko Svetina, 12 years of business experience is currently Vice President of Strategy and Alliances at cyberGRID, European leader in development of Demand Response Programs and Virtual Power Plants for Utilities. Before joining cyberGRID late in 2010 Marko was general manager in INEA, company focusing on development and implementation of process control and energy efficiency solutions. Marko is an active member of European SmartGrids Technology Platform WG3, he is a board member of SEDCO.

AUTOMATED DEMAND RESPONSE: WHAT ARE THE CHALLENGES AND OPPORTUNITIES?

Scaling Up Smart Grid Research And Technologies

Jamie Vollbracht, Head Of New Ventures, Innovation CARBON TRUST UK
 Jamie has worked at the Carbon Trust since 2009 where he drives new initiatives to deliver clean technology through innovation. His corporate work includes leading a \$5m partnership with General Electric in the area of infrastructure applications and a relationship with an oil and gas major across a range of clean technology innovation areas. He also designed and launched the Entrepreneur Fast Track, a UK government funded service to incubate start-ups. Jamie has been working in clean technology for seven years; previously he worked for two VC-backed solar companies on international business development, strategy and innovation. Jamie has an Engineering degree from Cambridge University and is a chartered engineer.

Discussion: How Efficient Are Virtual Power Plants For Managing Distributed Generation And Monitoring Power Quality On The Grid?

Champagne Discussion Roundtables

Networking Drinks Reception

SMART GRIDS - POLICIES, MARKET MODELS, TECHNOLOGIES & PILOTS FOR FUTURE T&D NETWORKS

14.00

SMART GRID MARKET MODELS

How Can The Smart Grid Be Implemented And Taken To Market?

- Measuring the output for smart grid success
- Market models to make it happen: which will work and which will not?

Göran Hult, Head Of R&D, FORTUM SWEDEN
 Göran Hult has more than 30 years experience of the power and heat industry. Since he started at Fortum in 1979 he has held several high level positions, among which are Head of Nordic power and CEO of Fortum Generation. Lately he has been working as an expert for Fortum within nuclear power and is currently on the board of two of the Swedish nuclear power plants. His latest assignment in Fortum is that of VP for RnD Sweden, a position that, among several innovations, entails the large scale Smart Grid project in Stockholm Royal Seaport.

SMART METERS VS. SMART GRIDS

Challenges Of Smart Meter Foundation To Enable The Smart Grid

- Broadband PLC vs standard narrow-band PLC for AMM implementation

Frantisek Müller, Technology Project Leader, CEZ GROUP
 Frantisek Müller has been working in the sector of information technologies for the power industry since 1994. Until 2005 he was with Východočeská energetika a.s. (East-Bohemian Power Distribution Co.) in the position of the Senior Manager of GIS. At present he works as a specialist in CEZ Měření (CEZ Metering Ltd.). He was, among others, responsible for the following projects: Geographic information system of Východočeská energetika (VČE), Data acquisition from the distribution system of VČE, Automatic system of technical and economic management of power distribution, Migration of customer service system of VČE into SAP/R3, Management of output at CEZ Měření, Pilot Project: Automated Meter Management in the Group, Wide pilot project WPP AMM. He is a representative of CEZ Měření in the PRIME Alliance.

ENABLING SMART GRIDS

Customer Participation And/Or Automation Technologies

- Smart grid concepts
- Consumer interaction and incentives
- Automation concepts in smart grids
- Corresponding ICT-architectures
- Smart grid pilots Enxsis

Martijn van Huijkelen, Innovator ENEXIS

In 2009 Martijn van Huijkelen received a Bachelor of Science degree in Electrical Engineering from the Breda University of Applied Sciences. Last year, Martijn worked for Foundation en-lead.nl, which is an initiative by seven Dutch grid operators. Their goal is to realize a basic infrastructure for charging electric vehicles. In a role as project leader Martijn was responsible for the tender process of 500 public charging stations. He currently works at the department of Innovation of Enxsis. Here he is involved in the smart grid pilot PowerMatching City 2.

15.00

FUTURE ADVANCED DMS

What Is The Future Of 'Advanced Distribution Management Systems' For Smart Grid Efficiency?

- Creating technology solutions and systems oriented architecture for utilities
- Developing Plug and play open platform which can work with any enterprise service bus

Michael Anderson, Senior VP For Smart Grids, ECHOLON

Michael Anderson joined Echelon from Teleco, where he was president of the Next Generation software division, responsible for vision and strategy as well as the sales, alliances, go to market and product development teams. Anderson has also held senior executive roles at variety of high growth and established telecommunications & high technology organizations. He began his career at AT&T. Anderson was recently named as one of the Global Telecom Business top 100 industry executives. Anderson earned a BA at the University of Washington College of Arts & Sciences in Seattle and completed a fellowship at the Georgetown University Law Center.

15.20

Afternoon Refreshments & Speed Networking

16.00

SMART GRID LIVE LAB UPDATE

From Design To Implementation

Frans Campfens, Senior Consultant Intelligent Netbeheer ALLIANDER N.V.

Mr Campfens has a master degree in Business Telecommunication and a solid background in microelectronics and ICT. In the last 26 years he was primarily involved in the utility industry as a project manager with telecommunication, ICT and AMR. During the last 17 years he was involved in smart metering projects. He was one of the leading forces in the Dutch NTA standardization and currently is developing the area of AMR towards the structures and communication requirements for SmartGrids. He is a member of the DLMS UA, Convener of IEC TC57-41850 and Chairman of the Dutch Data Infrastructure platform, member of the Dutch Domotica platform (home automation) and initiator and former Chairman of ESNA; the Echelon NES user association.

16.20

MANDATE 490

What Impact Will Mandate 490 Have On Smart Grids

- Update on the standardisation of smart grids and smart meters

Teus de Zwart, Senior Director International Standards ECHOLON BV

Mr. T. de Zwart has an extensive experience and knowledge on all aspects of Power Systems and Asset Management applied to TSOs and DSOs. He was Chairman of the Policy making Group for Electrical Power Systems (CEV) in NEC for over 10 years and represents Netherlands in the IEC Strategic Group S3 on Smart Grids. Furthermore he is the chairman of the Platform Standardization of Smart Grids in the Netherlands. Since February 2012 he has become Senior Director International Standards at Echelon and is responsible for the development of International Standards in the field of Smart Grids. He participates in different IEC, CENELEC and ETSI committees and groups.

16.40

SMART GRID SECURITY AND SCADA

- Smart Grid Security Concerns
- How Is The Industry Dealing With It? - Key developments on Scada
- What are the regulatory aspects of smart grids security and how can they be enabled?
- What resources are available to the utilities to enable it?

Joint presentation:

Johan Rambli, Privacy & Security Officer, INFOSTROOM, ALLIANDER

Johan Rambli is Privacy & Security Officer at Lander Infostroom, the business unit who is responsible for the deployment of the smart meters and maintenance of the Advanced Metering Infrastructure (AMI) at Alllander in the Netherlands. In this role, Johan coordinates the Information Security and Privacy Management System (ISPM) control cycle in the organization as Lander is certified compliant in privacy legislation. Further on, Johan Rambli is leader of the Dutch DSO workinggroup Privacy & Security from Netbeheer Netherlands, who developed the Dutch Privacy & Security requirements for AMI. Before Johan joined Alllander, he worked as security architect and consultant at different organizations for the last 10 years.

Frans Campfens, Senior Consultant Intelligent Netbeheer ALLIANDER N.V.

Mr Campfens has a master degree in Business Telecommunication and a solid background in microelectronics and ICT. In the last 26 years he was primarily involved in the utility industry as a project manager with telecommunication, ICT and AMR. During the last 17 years he was involved in smart metering projects. He was one of the leading forces in the Dutch NTA standardization and currently is developing the area of AMR towards the structures and communication requirements for SmartGrids. He is a member of the DLMS UA, Convener of IEC TC57-41850 and Chairman of the Dutch Data Infrastructure platform, member of the Dutch Domotica platform (home automation) and initiator and former Chairman of ESNA; the Echelon NES user association.

17.20

NETWORK CODES

European Network Code on Demand Connection

- Connection requirements for users offering Demand Side Response services
- Latest status of the Network Code development based on stakeholder input

Edwin Haesen, Planning Methods Advisor, ENTSO-E

Edwin Haesen holds a M.Sc. and a Ph.D. in Electrical Engineering from the K.U.Leuven (Belgium). He worked as Sr. Study Engineer on Grid Operations at a Distribution System Operator in Belgium. Presently he works at ENTSO-E as Planning Methods Advisor. His main tasks are on the development of European Network Codes on Grid Connection (generation, demand, HVDC).

17.45

Champagne Discussion Roundtables

18.15

Networking Drinks Reception

SMART METERS – EARLY LESSONS AND CUSTOMER ENGAGEMENT

14.00

SMART METERS AND CUSTOMER EXPERIENCE

Smart Meter Implementation Programmes



Kristina Fleche Juelsgaard, Udviklingschef, SEAS - NVE
Kristina works for SEAS/NVE, the largest consumer owned energy company in Denmark. Kristina has worked in the utility business for the last 10 years. Her primary focus has always been on energy efficiency, metering and consumer involvement. In the recent years the smartening of the grid, storage of renewable energy and consumer activation through incentives to secure integration of renewable energy in the grid system has become her passion.

14.20

EARLY LESSONS FROM SMART METER PILOTS IN EUROPE

- Practical case studies
- What has worked and what has not?

Jointly Presented By:

Karl Rossegger, Head Of Communications Technology LINZ AG

Karl Rossegger has a Master Degree in Telecommunication and Computer Science from the Technical University of Graz, Austria. From 1989 to 1997, he did computer science trainings and consulting for data management systems. Since 1997 he has been project manager for Telecommunications, LINZ AG. In 1999 he joined the department of 'Telecommunications Technology' of LINZ AG as project manager for internet and communication technology and since 2001 he is head of the department with 72 employees.

Detlef Lau, Director, ECHOLON

Detlef Lau holds a degree in Electronics and Economics. After different positions in Hard- and Software Design he became sales representative of ACE GmbH. After a short time later he co-founded the company AdCoNet and was appointed to become one of their CEOs. One year later after he merged that company to a former spinoff from IBM which was known as ARIGO Software GmbH this company was then acquired by Echelon Corporation in 2001 where he then became a member of the product management team. He is also holding the position as Managing Director of Echelons German subsidiary since then. Today Mr Lau serves as Director of Sales for Middle and Eastern Europe for Echelon Utility Systems Business.

15.00

DYNAMIC PRICING

Billing And Real Time Energy Saving Solutions For The Customer

- Business models: What is working and what is not?

15.20

Afternoon Refreshments & Speed Networking

SMART METER DATA PRIVACY, MDM SOLUTIONS AND BEYOND!

16.00

THE 'BIG DATA' CHALLENGE FOR THE UTILITIES

Can DLMS Standards Set The Right Requirement For Meter Security?

Gyozo Kmethy, President, DLMS/COSEM

Gyozo Kmethy worked for a global metering solution provider in various R&D and marketing functions for 25 years. He is involved in international standardization for electricity metering since 1989. He is the Secretary of IEC TC 13, the technical committee responsible for global metering standards, since 1993. He is the President of the DLMS User Association since 2000. He gives papers and workshops around the world since 2002 on DLMS/COSEM and its application. He also consults to meter manufacturers and utilities.

16.20

SMART METER PRIVACY

Privacy Of Smart Meters And How That Is Linked To The Grid

- What are the major concerns for data privacy?
- What should data managers ask for from the smart meters?
- Cost and budget challenges

Alicia Carrasco, Director Regulatory Affairs, EMETER-SIEMENS BUSINESS UNIT



16.40

BE SMART ABOUT YOUR SMART GRID DATA

Metering Solution On Data Logging, Analytics And End To End Customer Engagement

Stuart Ravens, Principal Analyst – Energy & Utilities Technology OUVN

Stuart has worked for Ovn since May 2008, and is responsible for its utilities technology workstream. He has worked with utility and vendor clients across the globe to provide insight into the use of technology within the utilities industry. Stuart has published research on a wide range of utility-specific technology including; the smart meter technology value chain, customer engagement in smart meter deployments, profiling from smart meter communications networks, smart meter architectures, business intelligence and analytics, billing systems, customer relationship management, enterprise content management and geographic information systems.

17.00

BIG DATA, CLOUD AND MOBILITY

- What's In It For Smart Utilities?
- **Roberta Bigliani, EMEA Research Director, IDC Energy Insights**
With over 18 years of experience in gas and electricity industry, Mrs. Bigliani is responsible for IDC Energy Insights EMEA research-based advisory and consulting services, which provide full coverage of the energy industry value chain including both utilities and oil & gas segments. Her areas of expertise include business and IT issues relevant to the utilities and oil & gas business, as well as sustainability, energy efficiency and clean technologies.

17.20

Discussion: If Managed Well, Can Big Data Dramatically Improve Utility Operations And Customer Interactions?

17.45

Champagne Discussion Roundtables

Closing The Gap: Why Do Ev's Have Low Adoption Uptake Currently Vs. The Industry Investment And Expectation?

Can An Inter-Connected Power Network Enable A Pan European Hub Price?

How Far Can Rhi And Fits Be An Incentive To Invest In Heat Storage Mechanisms?

18.15

Networking Drinks Reception

CONFERENCE DAY TWO

12th September 2012

08.30

Registration And Refreshments

08.50

CHAIRMAN'S WELCOME ADDRESS

Mark Ossel, Board Member, ESNA

ELECTRICITY NETWORKS OF THE FUTURE: GRID INFRASTRUCTURE, CHALLENGES AND OPPORTUNITIES

09.00

Electricity Network Planning Until 2050 – The e-HIGHWAY2050 Project

- Electricity Highways – views of TSOs and DSOs
- Electricity Infrastructure – Focus on Long Term Networks Development and Smart Grids



Dr Mihai Păun, Network Development Advisor, ENTSO-E SYSTEM DEVELOPMENT COMMITTEE

Dr. Mihai PĂUN has a PhD degree in Power Engineering and a Master degree in Financial Management and Banks. He is currently Network and System Development advisor at the European Networks of Transmission System Operators for Electricity, ENTSO-E. His main responsibilities include the preparation of the non-binding Europe-wide Ten-Year Networks Development Plan - TYNPD, electricity infrastructure, Electricity Highways. He was previously working on Energy Policy and Networks at EUROELCTRIC. He is author of more than 60 papers and articles published and presented at International Conferences in the power sector. He has an experience of more than 20 years in specific activities of the electricity industry, at managerial and executive level in electricity transmission, distribution and generation, in both national and international environment.

09.25

ELECTRICITY STORAGE

Development Of Electricity Storage: Opportunities In Europe

- How Electricity Storage Can Help Managing Congestion On The European Smart Grid And Future Networks?

Stéphane Rapoport, Project Manager - Power System Consulting, Tractebel Engineering, GDF SUEZ

Stéphane Rapoport is product manager in charge of smart power systems within the Power System Division of Tractebel Engineering. He is currently project coordinator of the PEGASE FP7 R&D project (Pan-European Grid Advanced Simulation and State Estimation), a large-scale collaborative project of 13M€ funded by the European Commission aiming at developing smart tools for the transmission system. He is also power system expert in Smart Grid R&D activities of the GDF-SUEZ Group.

09.50

SMART POWER NETWORK OPERATORS AND UTILITIES PANEL

The Changing Role Of The Future Customer From Service Takers To Service Providers To The Network: How Will These Smart Networks Fundamentally Alter The Business Model For Utilities?

Ondrej Mamula, Business Leader Smart Metering Pilot Project & Smart Grid Projects Portfolio Manager, CEZ



Kobi Yahav, Head Of Smart Grid Initiative ISRAEL ELECTRIC CORPORATION

Dr. Kobi Yahav is the head of the smart grid program at IEC. In addition he lectures at the Electrical and Computer Engineering department of Ben-Gurion University and he leads the smart grid standardization committee at the standards institution of Israel. He received his B.Sc. (1990) in electrical engineering, M.Sc. (1996) and Ph.D. (2007) in Industrial and Management Engineering from Ben-Gurion University.

Dr Mihai Păun, Network Development Advisor, ENTSO-E SYSTEM DEVELOPMENT COMMITTEE

Stéphane Rapoport, Project Manager - Power System Consulting, Tractebel Engineering, GDF SUEZ

10.30

SMART GRIDS OR SUPER GRIDS

What Is The Current Progress Update On Integrated Network Opportunities For Europe Through The Super Grid?

- Why does Europe need a Supergrid?
- How will the Supergrid be owned and operated?
- What regulatory framework is required to enable large-scale interconnection in Europe?
- Is the North Sea Grid initiative working?

Christopher Marchant, Acting Regional Manager South East, Power Networks, Parsons Brinckerhoff & Board Member, FRIENDS OF SUPER GRID



Christopher Marchant is a chartered electrical engineer with twenty years of professional experience in the power industry, gained mainly in UK and China. He graduated from Loughborough University and is now a regional manager with the global consulting firm, Parsons Brinckerhoff. A board member of the Friends of the Supergrid, Christopher is also their Chairman of the Regulatory Working Group.

10.50

Morning Refreshment - Networking Break

11.15

UTILITY EXECUTIVE INTERVIEW

With European Member States Proactively Engaging In Transitioning To A Smarter Network – What Opportunities Can Smart Meters And Smart Grids Present As A Solution For Energy Efficiency

Pavel Cvrani, Chief Strategy Officer & Member Of The Board Of Directors, CEZ GROUP



Ing. Pavel Cvrani, MBA has worked in the CEZ Group since 2005 and apart from the Asset Management Department he managed also the Controlling Department, Finance Division, for almost four years. Before his engagement in CEZ, a.s. he worked as a management consultant in McKinsey & Company, where he specialized in the energy industry. Pavel Cvrani graduated from the University of Economics, Prague, Department of International Trade, and obtained a MBA title in finance at the Kellogg School of Management in the USA.

11.45

GLOBAL OVERVIEW ON ENERGY EFFICIENCY: SOLUTIONS AND BRIEFING PANEL

North America: Smart Grid Developments

- Lessons learnt from the US smart grid pilot schemes funded by ARRA-DoE programme
- Key challenges of integrating renewables
- Future roadmap



Scott Minos
Senior Policy & Communication Specialist
DOE



Contrasting The Challenges For Smart Grid Deployment: USA Vs Europe

- What works and what doesn't?

Ashutosh Shastri, Director, EnerStrat Consulting
Ashutosh Shastri is the founder of EnerStrat Consulting - a London based strategy-policy and technology advisory practice in the energy-carbon and cleantech markets. He has successfully advised leading international energy companies, private equity and venture funds, international policy institutions and on occasion governmental clients. Prior to starting EnerStrat in 2003, he was an expert consultant in the global energy practice of McKinsey and Company. He is a member of the Clean Fossil Fuel Systems Committee of the World Energy Council (WEC) as well as its Energy and Climate Policy and Nuclear Task Force. Additionally he is also a member of the Energy Institute, and The Institute of Directors in the UK and a Livestock in the Worshipful Company of Fueles.



Israel Road Map For Smart Grid Implementation

- The Israeli electricity market challenges and the smart grid vision
- DMS implementation and Smart grid maturity
- The Smart city and the research center program



Kobi Yahav
Head Of Smart Grid Initiative,
ISRAEL ELECTRIC CORPORATION



Turkey: What Key Progress Is Being Made On The Smart Energy Infrastructure?

13.00

Meet The Speakers VIP Lunch Tables



DRIVING E-MOBILITY IN EUROPE

14.00

E-Mobility Policies In Europe



Creating The Need For An Integrated Evolutionary Approach Towards E-Mobility In Europe

- Policy roadmap - different perspectives of member states and their policies
- Promoting a dialogue between the vehicle manufacturers and policy makers
- Energy suppliers and distributors for deploying the needed infrastructure including charging spots and communication systems
- Deployment and mass market creation for EVs



Petr Dolejci, Director Mobility & Sustainable Transport, ACEA
Born in 1977, Petr Dolejci graduated in 2000 from University of Prague, Czech Republic with a PhD in Economics. He started his career in The Ministry for Regional Development of the Czech Republic as the Director of the Department. In 2004 he moved into permanently representing the Czech Republic to the EU where he held positions as Member of the Presidency team - Chair of the Competitiveness and Growth working party. Between 2009 to 2010 Petr joined the Ministry of Foreign Affairs of the Czech Republic. He currently holds the position of Director Mobility and Sustainable Transport in ACEA.

14.20

How Are Utilities Managing Distribution Networks To Harness The Commercial Benefit Of A Stable Grid?

- Will demand side-plugin in bring the extra capacity needed in the distribution network?
- How is off peak charging being incentivised for a larger uptake?

Tomas Chmelik, Head Of E-Mobility Project, CEZ GROUP
Tomas works as Head of Clean Technologies department at CEZ, a Czech power utility. He is responsible for the development of new concepts and technologies in the power sector and currently focusses on developing CEZ's e-mobility business. Prior to joining CEZ in 2006, Tomas was Head of the newly formed Climate Change Unit at the Ministry of Environment. At the Unit, he drafted the first Czech national allocation plan for the EU ETS and led the subsequent negotiations with the European Commission. He joined the Ministry in 1989 as an expert on the use of economic instruments for waste management and water and air quality protection. Tomas holds a PhD from the Czech Technical University and an MA from the University of Economics in Prague, both in economic and environmental policy.



use of economic instruments for waste management and water and air quality protection. Tomas holds a PhD from the Czech Technical University and an MA from the University of Economics in Prague, both in economic and environmental policy.

14.40

EV INFRASTRUCTURE

EVs And Their Impact On Consumers

- Advanced charging and communication exchange
- Charging stations and infrastructure
- Grid needs

15.00

Refreshments & Networking Break



15.30

M2M SOLUTIONS FOR SMART METERS AND DATA

How Can M2M Platforms Become Seamlessly Integrated With Metering Software For Real-Time Data And Analysis?

- What new business models and partnerships are coming into play?
- What are the technology solutions for the utilities and customers?
- Can it monitor real time energy usage and save cost

Göran Näslund, Global M2M Business Development Manager - Utilities, VODAFONE M2M

Göran manages global business development for the utility sector within Vodafone M2M, a key component of Vodafone's overall machine-to-machine strategy. His focus includes providing managed communications to support Smart Grid Metering implementations and the various applications that form the Smart Grid. Göran started his career in 1986 and has held sales, business development and management positions in a number of ICT companies.



15.50

INTEGRATING IT & OT TO ENHANCE FUTURE DISTRIBUTION NETWORKS

- How are IT & OT becoming interlinked to provide industry solutions?
- What new IT solutions are being implemented to look at the M2M technology and data analytics?

16.10

CLOUD SOLUTION FOR UTILITIES

Scenarios And Services To Minimise Costs For Utilities By Technologies Like Cloud In Combination With MDM

**Björn de Wever, Head of Business and Project Development
EV3 ENERGY SOLUTIONS GMBH**

16.30

HOW WILL CLOUD NETWORKS STRENGTHEN THE CYBER SECURITY OF THE GRID?

- What can Cloud Technologies do for the utilities - solutions and technology?
- Private Cloud and Public Cloud
- Improving IT operations with a combination of telecommunication solutions

16.50

SUMMARY PANEL - ENERGY STORAGE: COST, OPPORTUNITIES AND TECHNOLOGY BARRIERS

Are Smart Grids The Future Of Energy Storage?

- How does the smart grid compare to CHP and EVs for energy storage?
- What technologies are already in place and in use?
- Is the cost of development prohibitive for developing the energy storage currently?

Panelists include:

Stéphane Rapoport, Project Manager - Power System Consulting, Tractebel Engineering, GDF SUEZ

Mark Ossel, Board Member, ESNA

17.15

Close Of Conference

SEMINAR DAY THREE

13th September 2012

09.00

Registration And Refreshments

09.30

Chairman's Welcome

09.40

The Psychological Case For Dynamic Pricing

- How can the utility industry offer customers a financial proposition for energy usage
- Need for customer education and awareness



Dr Philip Lewis
CEO & Founder
VAASSETT OY

Dr Lewis is the founder and CEO of the VaasaETT Global Energy Think-Tank and a Director of the new Smart Energy Demand Coalition. Dr Lewis has 15 years of experience in competitive electricity markets globally and was formerly Head of Marketing Research and Analysis for the UK subsidiary of SEBOARD and Amoco at the outset of competition in the UK. He has conducted research and consultancy in over 50 countries for over 300 utilities and other organisations, has worked extensively at an industry and market-wide level, having for instance written major reports for ERGEC, NordREG and various governmental and non-governmental agencies. He has a PhD in Marketing and Customer Psychology from the University of Edinburgh and formerly worked for American Express Bank, Frankfurt; NatWest Bank, London and as an Assistant Professor at the University of Vaasa, Finland.

10.10

What To Do With Customer Data - Can It Be Turned Into A Value Proposition Which Will Benefit The Customer?

- End customers: how to get them involved actively in the pilots and feedback processes?



Alicia Carrasco
Director Regulatory Affairs
EMETER-SIEMENS BUSINESS UNIT

10.40

GUEST SPEAKER

Partnership And Collaborations On Customer Engagement And Energy Efficiency - Lessons Learnt From Other Industries

11.10

Networking Morning Refreshments

11.40

Changing Customer Behaviour Resulting From Usage Of Low Carbon Networks

- Smart Homes - Demonstration Project
- Implementing a new smart grid community
- Shared capabilities from other industries
- Business models based on customer incentives and services

12.10

A Comparative Of The US And Europe Utility Engagements

- How are the European utilities engaging with customer: what has worked and what has not?

What shared knowledge can be implemented from the US
Jessica Strömback, Chairman, VAASSETT, Global Energy Think Tank & Executive Director, SMART ENERGY DEMAND COALITION
Jessica is a Senior Partner at VaasaETT. She specializes in smart metering, demand response and related smart grid, market structure and market development issues. She is CEO of SEDC and co-founder of the Retailers Taskforce working under the Smart Grids Technology Platform for the European Commission. She has recently expanded the activities of this Taskforce to cooperate with the Peak Load Management Alliance in the USA - furthering international cooperation in Smart Grids development. She acts as an Expert Reviewer for the European Commission on Smart Grids project proposals, deciding on funding for proposals and reviewing existing programs. She has founded Global Demand Response Roundtable and the Demand Response Research Database, for the VaasaETT Global Energy Think Tank, collecting the latest research from over 30 countries.

13.00

Lunch

14.00

What Are The Utilities Doing With The Customer Data And How Is It Being Managed?

- Data analytics for MDM - analysing different alternate opportunities and business models
- Real response from organisation and practical cases studies on MDM deployment

14.30

MASTER CLASS

Top Industry Tips To Engage With Your Customer



Mark Ossel
Board Member
ESNA

Mark B.M. Ossel (1955), Vice President Echelon, is focused on developing the Energy and Utility market for Echelon in West Europe, Middle East and Africa, by extending the network of partners and growing the customer base. He is involved in AMR since 2001, when the Enel AMR project started. Mark is also member of the board of ESNA (Energy Services Network Association), the international Echelon NES user group, and involved in international standardization efforts. Active member in ETSI, various CEN/CENELEC Technical committees (TC13, TC57), ESMIG and member European Commission Steering board Taskforce Smart Grid.

16.00

Refreshments & Close Of Seminar

14.00

MICRO/CO-GENERATION

Germany: Current Gas Market Drivers For Smart And Micro /Co-Generation Technologies

- Role of gas fired generation in complementing generation from renewables
- Significance of smart and micro generation technologies Market Scenarios



Gabrielle Seeling Hochmuth
Director Gas Competence Centre
VATTENFALL

Gabrielle Seeling-Hochmuth is Director of Gas Strategy and the Gas Centre at Vattenfall, a European utility with core activities in Sweden, Germany and the Netherlands. Prior work experience includes positions at Shell for many years in new business development and strategy & portfolio. She holds a PhD in electrical engineering and an MBA.

14.20

CUSTOMER INCENTIVE

What Financial And Practical Services Can Be Offered To The Customer To Encourage More Micro - Generation?

- Increasing grid reliability and the use of renewable energy sources
- Policies and incentives to encourage CHP and micro-generation
- Barriers to gaining customer trust



Jon Slowe
Director
Delta Energy and Environment

Jon has thirteen years experience in the decentralised energy and low carbon sectors. A founding director of Delta, he leads Delta's work with utilities, helping them develop decentralised energy and low carbon strategies and tactics. Jon's expertise spans the decentralised energy space, with a particular interest in energy microgeneration, low carbon strategies and the integration of decentralised resources into energy systems. Previously Jon worked for Platts, managing E Source's distributed energy research, and the UK's Energy Saving Trust.

14.40

INTERMITTENCY SOLUTIONS

Using Communication Technologies To Solve Intermittency Of Renewables On The Grid - Wind And Solar

- How to stabilise distribution networks?
- How will demand chase supply?
- What role will demand responses play to enable this?



Peter Johnson
Vice President Energy Markets
ALCATEL LUCENT

Peter's career has taken him into a wide range of roles and experiences within the communications industry, ranging from solutions vendors to service providers and including working for National Grid's Uteleo operation; Energis. He was responsible for services engineering and then regulatory affairs. Peter's current role is Vice President Energy Markets with Alcatel-Lucent. Here, he is responsible for developing Alcatel-Lucent's solutions portfolio to the Energy markets, including their approach to smart metering and smart grids.

15.00

Refreshments & Networking Break



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DATES

Main Conference:
11th – 12th September 2012

Customer Engagement:
The Next Mile Seminar:
13th September 2012

VENUE DETAILS

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Stroupežnického 21
Tel: +420 296 889 688,
Fax: +420 296 889 999

E-Mail: info@andelshotel.com
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