Smart Grids Smart Cities
25 – 28 September 2012 | Marriott Hotel, Singapore

Practical Integration & Application of Smart Energy in Grids & Cities

Featuring Government, Utilities & City Developers Including:

- Alan Frost
  Director, Masdar City, Abu Dhabi

- Arunabha Basu
  Vice President of Technology, Tata Power Delhi Distribution, India

- Dr Nazily Mohd Noor
  Chief Executive Officer, Malaysian Green Technology Corporation, Malaysia

- Philip Keogan
  Executive General Manager, Energy Sustainability & Market Development, Ergon Energy, Australia

- Alfredo S. Panlilio
  Senior Vice President, Head of Customer Retail Services, & Corporate Communications, Manila Electric Company (Meralco), Philippines

- Richard Schomberg
  Group VP Smart Energy Standards, EDF & Chairman Smart Grid Strategic Group, International Electrotechnical Commission (IEC), France

Smart Grid – Smart City Applications & Pilot Projects:

- Abu Dhabi’s Masdar Smart City
- Singapore’s Pulau Ubin Microgrid Testbed
- China’s Xiamen University First Commercial Microgrid
- Singapore’s Punggol EcoTown Solar System
- Japan’s Osaka Gas Smart Energy House
- Malaysia’s Sarawak Rural Electrification
- Australia’s Smart Metering Rollout
- Philippines Palawan Microgrid
- Singapore’s Changi Airport Budget Terminal PV Integration & Operations
- Australia’s Townsville, Queensland Smart Community
- India’s Distribution Automation & Outage Management Project
- Singapore’s Electric Vehicle Charging Infrastructure
- Malaysia’s TNB Smart Grid Telecommunications Infrastructure
- Singapore’s Singtel M2M Roll Out of Smart Technologies
- Philippine’s Meralco Smart Grid Installation
- Indonesia’s “Energy Self Sufficient Village” program
- France & European Smart Energy Standards
- And many more!

Top Reasons Why You Can’t Afford To Miss This Event!

- 30+ Smart Grid – Smart City market led & issue driven sessions helping you shape your energy management strategies
- 25+ Smart Grid – Smart City experts sharing latest developments, technologies & commercial opportunities
- 13+ “Real Life” case studies & pilot projects showcasing manufacture, scale – up & adoption
- 10+ Countries sharing examples of innovations in Smart Grid – Smart City installations
- 7+ Interactive panel discussions & networking opportunities enabling you to develop business relationships

PRE & POST CONFERENCE WORKSHOPS

Tuesday 25 September 2012: 9am – 5pm
- PRE-WORKSHOP A
  Telecommunications Infrastructure for Smart Grids – Smart Cities
- PRE-WORKSHOP B
  Smart Transportation, Electric Vehicles & the Impact on Smart Grids – Smart Cities

Friday 28 September 2012: 9am – 5pm
- POST-WORKSHOP

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CONFERENCE DAY ONE

8.00 Registration & Morning Coffee

9.00 Welcome Address from IBC Asia & Speed Networking

9.10 Chairman’s Opening Remarks

Richard Schomberg, Group VP Smart Energy Standards, EDF & Chairman Smart Grid Strategic Group, International Electrotechnical Commission (IEC), France

Opportunities in Asia: Electricity & Market Infrastructure to Support Smart Grids – Smart Cities

9.15 The Business Case for Undertaking Huge Uptown Investments in Smart Energy Technology in Smart Grids – Smart Cities

- Malaysia’s green technology policy
- Barriers to investment in green technology
- Recommendation to achieve smart energy management in grids and cities
- Malaysia’s smart city initiatives to transform energy use
- Green technology financing scheme to encourage adoption

Dr Nazily Mohd Noor, Chief Executive Officer, Malaysian Green Technology Corporation, Malaysia

9.45 2021 Target for Smart Grid Installation in the Philippines

- Understanding the unique Philippines customer market, behavior and mindsets for the right approach, adoption and implementation of smart grid technology
- Roadmap for integrating technology
- Prepaid schemes for consumers
- Real time information for power demand and consumption
- Expected returns and cost savings

Alfredo S. Panlilio, Senior Vice President & Head of Customer Retail Services & Corporate Communications, Manila Electric Company (Meralco), Philippines

10.15 Feed In Tariff Scheme, Energy Policy & the Opportunities for Renewable Energy Integration in Indonesia

- Current update on the Feed In Tariff Scheme for renewable energy in Indonesia
- Policy to diversify energy resources and increase renewable energy by 2025
- Potential areas and strategy for renewable energy development
- Infrastructure and market environment for penetrability of renewable energy
- “Energy Self Sufficient Village” program to boost rural economy


10.45 Morning Networking & Refreshment Break

11.15 Smart Metering in Australia: Electricity & Gas Market Infrastructure, Business & Regulation

- Smart Metering planning, implementation, trials and response
- Business and regulatory framework and compliance for the deployment of smart meters
- Challenges and hurdles
- Consumer and market engagement and response

Alex Cruickshank, Head of Energy Regulation, AGL Energy Australia

11.45 Gaps, Challenges & the Way Forward in Vietnam: Examining Energy Resource Availability, Demand Centers, Infrastructure & Distribution Networks

- Where are the gaps and what are the challenges?
- Setting common directions and building blocks to meet future energy needs
- Electricity and market infrastructure for development

Nguyen The Huu, Deputy Director Planning & Demand Supply Balance Department, Electricity Regulatory Authority of Vietnam

12.15 Encouraging Adoption, Funding & Viable Options for Smart Grids – Smart Cities

- What investment in smart energy technology is needed?
- How expensive is smart energy technology and who will pay for it?
- How do you integrate costs into grid polarity?
- How will customers pay for the new equipment?
- What are the benefits? How do you quantify cost savings?
- When do customers see the return?
- Encouraging and promoting the concept of smart energy management in grids and cities
- How can emerging markets leapfrog past advanced economies and implement power and information networks from the start
- International collaboration and partnerships for a tactical progressive approach

Dr Nazily Mohd Noor, Chief Executive Officer, Malaysian Green Technology Corporation, Malaysia


Alfredo S. Panlilio, Senior Vice President & Head of Customer Retail Services & Corporate Communications, Manila Electric Company (Meralco), Philippines

Alex Cruickshank, Head of Energy Regulation, AGL Energy, Australia

Anish Garg, Joint Director (Performance Standards & Engineering), Delhi Electricity Regulatory Commission, India

Nguyen The Huu, Deputy Director Planning & Demand Supply Balance Department, Electricity Regulatory Authority of Vietnam

1.00 Networking Luncheon

Microgrids & their Applications for Smart Grids – Smart Cities

2.00 Singapore’s Pulau Ubin Microgrid & It’s Relevance in East Asia

- The design, build and operations of a Microgrid incorporating clean and renewable energy resources
- Integrating renewable energy and challenges
- Technology and solutions to overcome the challenges of renewable energy integration
- Future prospects for implementing and scaling this microgrid project for industrial/commercial parks and cities in East Asia

Markson Tang, Founder & Managing Director, Daily Life Renewable Energy, Singapore

2.30 China’s First Direct Current (DC) Microgrid Powered Commercial Building: Xiamen University

- Overview of the project and objectives to use DC power for the university
- Quantifying the reduction of power losses and consumption of less power
- Qualifying how campuses and building complexes can manage, control and consume energy in a more efficient way
- Reducing capital expenditures and operational costs over the university’s lifecycle

Fengyan Zhang, Director, Thin Film Solar Cell R&D Centre, School of Energy Research, Xiamen University, China

3.00 The Palawan Philippines Microgrid: Operational Development, Challenges & Future Applications for Off-Grid Local Communities in Asia

- Overview of the project, benefits and operations
- Capital investment and return
- Key opportunities and challenges

Frederick E. Lacroix, Chairman & Chief Executive Officer, The Power Source Group LLC, US
3.30 Afternoon Networking & Refreshment Break

On & Off-Grid Renewable Energy Applications for Smart Grids – Smart Cities

4.00 Punggol HDB Ecotown Singapore Project: Achieving Grid Parity in Singapore through Solar Leasing to Reduce the Customer’s Upfront Cost
- Overview of the project, part of HDB’s Singapore Solar Capability Building Program supported by the Inter-Ministerial Committee on Sustainable Development
- Leasing and electricity tariff scheme
- Operating solar generation in the project, addressing intermittency issues
- Cost-effectiveness
- Application for solar adoption in communities
Frank Phuan, Managing Director, Sunseap Enterprises & Sunseap Leasing, Singapore

4.30 Solar PV Integration, Operations & Performance: A Close Look at the Changi Airport Budget Terminal & Other Key Projects in Asia
- Overview of the project, part of the Singapore Government Clean Energy Research & Test-bedding (CERT) program launched by the EDB & Clean energy program office
- System reliability, operations and performance results
- Cost savings on annual energy bills
- Analysis of data and lessons from the project
Christophe Inglin, Managing Director, Phoenix Solar, Singapore

5.00 Integrating Energy Storage & Demand Response in Smart Grids – Smart Cities
- Energy storage and demand response
- Fostering communication between customers and the smart grid about power availability and demand
- Demand response and management

5.30 Commercializing & Scaling Renewable Energy Adoption
- Cost-effectiveness
- Feed in Tariffs
- Market development
- Impact on the grid and city environment
- Mega scale projects vs decentralized small scale initiatives
Christophe Inglin, Managing Director, Phoenix Solar, Singapore
Frank Phuan, Managing Director, Sunseap Enterprises & Sunseap Leasing, Singapore
Sridhar Samudrala, Executive Director Asia, World Alliance for Decentralized Energy, India

6.00 Chairman’s Summary

6.15 Networking Cocktail

7.15 Close of Conference Day One

CONFERENCE DAY TWO

8.30 Morning Coffee & Networking

9.00 Chairman’s Opening Remarks
Richard Schomberg, Group VP Smart Energy Standards, EDF & Chairman Smart Grid Strategic Group, International Electrotechnical Commission (IEC), France

Smart City Planning, Design & Implementation

9.10 The Masdar Smart City: Zero Carbon, Zero Waste & Energy Positive
- Smart infrastructure for energy efficiency, reducing energy demand and lowering of waste
- Green technology and energy efficient buildings
- Smart transportation
- Power, water and wastewater infrastructure planning
- Redesigning the energy management of community systems and creating a new lifestyle
Alan Frost, Director, Masdar City, Abu Dhabi

9.40 Townsville Queensland, Australia: Smart Community
- Overview of the initiatives and pilots undertaken to reduce demand on the network
- Project funding and incentives
- Potential cost savings
- Results, challenges and opportunities
- Future direction and expectations
Philip Keogan, Executive General Manager, Energy Sustainability & Market Development, Ergon Energy, Australia

10.10 Sarawak Rural Community Initiative: Opportunities & Challenges with Resources, Infrastructure & Technology
- Examining the resources available, electricity, funding and technology infrastructure available for development
- Overview of the planning, coordinating and monitoring of the initiative
- Opportunities and challenges faced with large scale hydroelectric resources and integration with the grid
- Potential for small scale, decentralized renewable energy systems to effectively support development and energy aspirations
Chen Shuin, General Manager, Research & Development, Sarawak Energy, Malaysia

10.40 Morning Networking & Refreshment Break

Telecommunications for Smart Grids – Smart Cities

11.10 Telecommunications Infrastructure Planning, Budgeting & Implementation for a Smarter Grid
- Telecommunications architecture and roadmap
- TNB smart grid activities and telecommunication requirements
- Investment and budget requirements, objectives and outcomes
- Planning and implementation of telecommunications system
- Potential barriers to overcome
Anthony Rajamanickam, Senior Specialist (Telecommunications System), TNB Malaysia

11.40 M2M in Smart Grids – Smart Cities: Technologies, Standards & Applications
- Enabling a connected and controlled platform with M2M for the Smart Grid – Smart City
- Smart Grid – Smart City next generation network planning, implementation and integration
- M2M networks and development for the delivery of Smart Grid – Smart City requirements
- Enabling Smart Grid – Smart City technology and applications
Jasling Ong, Business Development Manager, M2M, Singtel, Singapore
PANEL DISCUSSION

Interoperability, Cybersecurity & Privacy for Designing Smart Grids – Smart Cities

12.10
Harmonisation of Standards to Support Smart Grids – Smart Cities
- Standardization and interoperability of the smart grid
- Priority areas
- Latest developments
- Key learnings from Europe
Richard Schomberg, Group VP Smart Energy Standards, EDF & Chairman Smart Grid Strategic Group, International Electrotechnical Commission (IEC), France

12.40 Networking Luncheon

2.00 Connecting & Integrating Smart Grids – Smart Cities
- Careful planning to integrate next generation communications with Smart Grid technologies to transmission, distribution through to city-wide applications
- Interoperability issues and challenges
- Security concerns over data access and abuse of information
- Privacy
- Overcoming security, privacy and interoperability concerns to accelerate adoption of Smart Grids – Smart Cities
Panelists:
Duncan Botting, Managing Director, Global Smart Transformation, UK
Anthony Rajamanickam, Senior Specialist (Telecommunications System), TNB, Malaysia
Jasling Ong, Business Development Manager, M2M, Singtel, Singapore
Arunabha Basu, VP/Head of Technology, Tata Power Delhi Distribution, India
Anish Garg, Joint Director (Performance Standards & Engineering), Delhi Electricity Regulatory Commission, India

Distribution Automation & Outage Management Programs for Reliable Electricity

2.30 Distribution Performance Improvement & Cost-Savings in Delhi
- Aggregate, technical and commercial loss reduction programs and incentives for improved distribution performance
- Achieving enhanced reliability and operating efficiencies through distribution automation
- Advanced Metering Infrastructure and tamper resistant smart meters
- Demand response/Demand side management programs under implementation
Anish Garg, Joint Director (Performance Standards & Engineering), Delhi Electricity Regulatory Commission, India

3.00 Tata Power Delhi Distribution Automation Planning & Implementation
- Distribution automation and outage management programs
- Implementing operational technology
- Improving power distribution and enabling better availability and quality of electricity
Arunabha Basu, VP/Head of Technology, Tata Power Delhi Distribution, India

3.30 Afternoon Networking & Refreshment Break

4.00 Electric Vehicle Charging Infrastructure & Grid Integration Management
- Examining electric vehicle and smart grid developments
- Insights into electric vehicle charging infrastructure
- How to leverage eMobility developments
- Grid design and management for electric vehicle integration
Thomas Jakob, Managing Consultant, Tegeos, Singapore

4.30 Smart Transportation in a Smart City Environment
- Vision for an environmentally friendly and self-sustainable transportation infrastructure
- Intermodal transportation
- Challenges and solutions for the development of Smart Transportation

5.00 Smart Energy House Project: Osaka Japan
- Osaka Gas approach to planning and developing a Smart Energy House
- Overview of the home energy management system and trial
- Battery and ICT technology development to increase energy efficiency
- Initiatives to ensure stable supply of electricity and heat
Kanya Ishii, Manager, Smart Energy House Project, Engineering Department, Osaka Gas, Japan

5.30 Consumer Behaviour, Response & Encouraging Adoption of Smart Home Energy Management
- Planning and implementing a smart home energy management system
- Connected homes and the management of every aspect from climate control, to lights, to security
- Monitoring and displaying the electricity, water and gas usage patterns of each household
- Connecting smart meters, home appliances and in home displays to gauge usage
- Building ongoing two-way relationships with consumers
Tim Lindquist, CEO, Portus, Australia

6.00 Chairman’s Summary of the Day

6.15 End of the 4th Annual Smart Grids – Smart Cities Summit

Don’t miss out on the only event in the region that bridges the gap between all stakeholders, to inform and lead the practical application of energy management solutions, as well as its benefits in Smart Grids – Smart Cities!
Pre-Conference Workshops: Tuesday, 25 September 2012 (9am – 5pm)
Choose Between Workshop A or B

Pre-Conference Workshop A:

Telecommunications Infrastructure for Smart Grids – Smart Cities

The key enabler for Smart Grids – Smart Cities is the availability of two way data communications which allows monitoring, control and automation of energy systems. This workshop focuses on the tactical and progressive design and deployment of advanced and reliable communications infrastructure necessary to achieve Smart Grids – Smart Cities.

• Latest trends in IT and telecommunications transforming energy management and use
• Planning and strategy for smart grids in smart city environments
• ICT Infrastructure & Applications: High level telecommunications architecture, Wide Area Network, Substation LAN, Last Mile Communications and broadband networks
• Global case studies examining strategy to realization: success stories and lessons

About your Workshop Leaders:

Dr Markus Steingrüber, Managing Partner, Detecon Asia-Pacific, Thailand
Dr Markus Steingrüber holds a MBA and a PhD in Economics and is Managing Partner in the International Telecommunications Department of Detecon International. He is also leading the Detecon Global Wholesale & Regulatory Knowledge Team. Before joining Detecon International, Dr Steingrüber worked at the German Regulatory Authority for Telecommunications and Post (RegTP) during the beginning of Telco liberalisation in Europe. He advised mobile and fixed operators as well as regulatory authorities in more than 40 countries on a broad range of strategic topics, such as business models, wholesale and regulatory strategies and costing. Particular focus areas of Dr Steingrüber are broadband and wholesale business development strategies.

Thomas Kessler, Head of Business Development, Asia-Pacific, Thailand
Thomas Kessler works for Detecon since May 2005 and joined the team in Detecon Asia-Pacific in January 2010 where he currently holds the position as Managing Consultant and Head of Business Development. He started his professional career as a scientific assistant at the Institute of Communication Engineering at the University of Rostock. He was also working as a freelancer for Cisco Systems before he joined Detecon in 2005. Mr. Kessler has more than 13 years of professional experience in the area of telecommunication networks and services. During this time, he has gained extensive international experience with special focus on projects for major Telco operators in Europe, Asia and Russia. Mr. Kessler further provides expert knowledge in the fields of Telco & Technology Strategy, IP and NGN Technologies and Services, Tendering, and Rollout as well as Project Management. He holds a Diploma (M.Sc.) in the area of Engineering.

Pre-Conference Workshop B:

Smart Transportation, Electric Vehicles & the Impact on Smart Grids – Smart Cities

The implementation of smart energy practices in the transportation sector decreases global warming emissions and other pollutants, enhances public health, and reduces spending on fossil fuels while promoting the use of innovative technologies that enhance economic development.

This workshop examines developments of electric vehicles and improved intermodal mobility approaches as well as the remaining challenges for a wider acceptance of eMobility and how they can be overcome. Special attention will be paid to the question of how utilities in Asia can leverage on developments in the eMobility space.

• Status of electric vehicle deployments and expected market development
  • What are the remaining hurdles to be overcome for widespread EV acceptance
  • Technology update for EV related systems and components
  • EV related business models and approaches to services pricing
  • The eMobility eco system
  • Who will pay for EV charging infrastructure
  • How to package and price EV services
  • Necessary preconditions
  • Global smart transportation initiatives and integration with a smart community/city approach (‘Intermodal Transportation’)
  • Impact of EVs on grids and latest mitigation approaches
  • Selected electric vehicle case studies: latest results, challenges and next steps
  • Standards, policies and incentives to facilitate EV adoption
  • Factors and challenges for local deployments around Asia Pacific

About your Workshop Leaders:

Anuj Jain, Managing Director, Bosch Software Innovations, Singapore
Anuj Jain is the Managing Director of Bosch Software Innovations. Based in Singapore, he is responsible for the business operations of the company for Asia Pacific.

Mr. Jain holds a degree in Electronics and Communication Engineering and Masters in Management. He started his career with a leading business group in India and has since been involved in successfully architecting and developing multiple business operations in Asia. For the last 15 years, he has been involved with software solutions and has held leadership positions at Oracle and Nucleus Software.

Mr. Jain is heading Bosch’s eMobility activities in the region and is an active contributor to various publications related to technical developments in this exciting area. Mr Jain was born in India, stayed in Tokyo for four years and has been based in Singapore since 2006.
What makes a Smart City?
- Key components of smart energy management systems in Smart Grids
- The integration of components for the development of Smart Cities
- Opportunities and challenges in the region for smart energy management systems in grids and cities
- Translating vision to reality
- Global case examples, key successes and failures

About your Workshop Leader:

Duncan Botting, Managing Director, Global Smart Transformation, UK

Duncan currently holds the posts of Business Innovation and Growth Director at Parsons Brinckerhoff (part of Balfour Beatty Group), Executive Chairman of the Scottish European Green Energy Centre and Managing Director Global Smart Transformation Limited. In these roles he works closely with customers, academia, industry, government and regulators to deliver innovative technical, commercial, environmentally balanced and culturally acceptable solutions to market challenges. His previous roles included Managing Director, IPI Energy (a research institute) and with ABB as Head of Technology & Business Development. He has over 35 years experience covering the complete spectrum of technical and commercial roles from apprentice to boardroom. He is a visiting professor at Imperial College London and the University of Strathclyde, Glasgow.

He is an active member of the Institution of Engineering and Technology (IET, formerly the IEE) and is involved in many influential panels, advisory boards and committees at a National, European and International level. He is engaged across the energy domain from market design to primary fuels, generation (including CCS), transmission and distribution to end user issues. As an active member of the IET Energy Policy Panel, Vice-Chair of the European Technology Platform for “SmartGrids”; DECC/Ofgem Smart Grid Forum and other Smart Infrastructure groups he is helping to shape future thinking in the energy sector. He is also a founding member and served on the shadow board of the National Skills Academy for Power.

In the area of energy and climate security Duncan has been a thought leader for over 20 years and has been contributing to national critical infrastructure working groups (DoE, UK, Asia), global corporate R&D and scenario building to inform and challenge board level decisions.

Who You Will Meet At This Smart Grids – Smart Cities Conference:


Companies Who Have Attended Our Past Smart Grids Events Include:

Why You Should Be Sponsoring/Exhibiting At This Year’s Smart Grids – Smart Cities Conference:
- An established event in its 4th Year running, providing excellent networking & business partnering opportunities
- C-Level/Vice Presidents/Directors & key decision makers from top Government, Utilities & Smart Energy integrators & operators will be present
- Special focus on opportunities in key Asia Pacific Smart Grid – Smart City markets
- Provides a platform to showcase your Smart Grid – Smart City expertise, services & technology
Smart Grids – a Reality in Asia-Pacific’s Cities!

With the commitment from countries to reduce carbon emissions, increase energy efficiency and improve the reliability of energy supply, the need for Smart Grid technology and infrastructure investment has never been so relevant and necessary in Asia-Pacific energy markets today.

Even though developing city-wide installations can seem prohibitive, today there are real-life examples of small scale installations that have real commercial application.

IBC Asia’s 4th Annual Smart Grids – Smart Cities event demonstrates the application of smart energy management from utility transmission and distribution, through to large and small city- wide applications in eco town developments, business/industrial parks, residential developments, island and off-grid communities; which are transforming the way energy is distributed and used.

Key Topics Discussed Include:

- Opportunities in Asia: electricity & market infrastructure to support Smart Grids – Smart Cities
- Microgrids, applications & cost savings for commercial, industrial & community developments
- On & off-grid renewable energy applications, cost effectiveness, commercialization & scale for greater adoption
- Utilization of city networked communications infrastructure to meet requirements for Smart Grids – Smart City technologies
- Interoperability, cybersecurity & privacy for designing Smart Grids – Smart Cities
- Distribution automation & outage management for reliable electricity
- Incorporating Smart Grid technology at the onset of community planning, design & implementation
- Smart home energy management, cost savings in utilization & conservation of energy
- Smart transportation & its impact on grids & city energy utilization

Uncover Opportunities to Invest & Reap the Rewards at this Smart Grids – Smart Cities Summit:

- Masdar City walks you through how its holistic approach to city- wide energy infrastructure, networks, markets & systems are integrated & interrelated to change the way energy is produced & consumed. This case study will demonstrate Abu Dhabi’s commitment, investment & strategy on how renewable energy & smart grid technology is applied.

- Daily Life Renewable Energy gives you insight on the Microgrid test bed in Pulau Ubin
- Phoenix Solar provides real performance data on the Changi Airport PV Integration & Operations System since it was implemented in 2010
- Sunseap Enterprises demonstrates its innovative solar leasing concept for Singapore’s own Punggol Eco-Town.
- Bosch, the first charging service provider for Singapore’s EV test bed, provides an depth look at rolling out charging Infrastructure & its eMobility solution

- Indonesia’s enormous renewable energy potential could readily meet energy needs but progress has been slow to date. The Directorate General of New & Renewable Energy & Energy Conservation Indonesia, addresses policies, subsidies, incentives & strategies to accelerate renewable energy & Smart Grid technology adoption

- Meralco outlines its plans to achieve its Smart Grid Vision by 2021!
- The Power Source Group provides key learning from the Palawan Microgrid & community applications

- Osaka Gas walks you through its Smart Energy Home to achieve low energy residential buildings

- Malaysian Green Technology Corporation outlines the investment initiatives & funding incentives for you to invest in Smart Grid – Smart City developments in Malaysia
- Sarawak Energy exemplifies hydro, micro hydro & PV integration & smart grid technology for electrifying rural communities

- Xiamen University provides the latest update for the integration of Smart Grid technology at China’s First Commercial Scale Microgrid

- The Electricity Regulatory Authority of Vietnam details the gaps Vietnam is faced with, resource opportunities & the way forward to develop Smart Grids – Smart Cities

- Australia is taking charge with the implementation of Smart Energy technology from AMI, RE penetration, to Smart Home initiatives and demand response. AGL Energy outlines regulations & market design driving AMI adoption & success across Australia.
- Ergon Energy details the design, technology & implementation of smart grid technology to create Townsville Queensland Australia’s Smart Community

Uncover Opportunities to Invest & Reap the Rewards at this Smart Grids – Smart Cities Summit:
4th Annual Smart Grids Smart Cities

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