CONFERENCE AGENDA
CONFERENCE AGENDA
DAY ONE

10.30  Registration opens at Za’abeel 6

11.45  OPENING REMARKS FROM THE CHAIR
Laura Buckwell, Television Presenter & News Anchor

12.00  GUEST ADDRESS: TESLA
Accelerating the Transition
JB Straubel, Co-Founder & Chief Technology Officer, Tesla, USA

13.00  MINISTERIAL KEYNOTE
State of Energy: Balancing Growth Through Smart and Sustainable Energy Sources to Drive Long-Term Competitive Advantage
H.E. Eng. Fatima AlFoora Al Shamsi, Assistant Under-Secretary for Electricity and Future Energy, Ministry of Energy, UAE

13.20  WELCOME REMARKS: SHARJAH ELECTRICITY & WATER AUTHORITY (SEWA)
H.E. Dr. Rashid Alleem, Chairman, Sharjah Electricity & Water Authority (SEWA), UAE

13.30  SMART DUBAI OPENING KEYNOTE
H.E. Dr. Aisha Bin Bishr, Director General, Smart Dubai, UAE

14.00  SMART ENERGY LEADERSHIP AWARD
Presented to: H.E. Saeed Mohammed Al Tayer, MD & CEO, Dubai Electricity and Water Authority (DEWA), UAE
Recognising economic, environmental and societal shifts, the Smart Energy Leadership Award is presented to an outstanding organisation for their commitment and leadership in support of clean energy technology, renewable projects and accomplishments and continuous drive to support the Dubai Clean Energy Strategy 2050.

14.15  Lunch and Networking Break

15.15  Following lunch, delegates will have the opportunity to choose from 4 content tracks. Content streams are designed to give delegates the opportunity to choose their specific area of interest and immerse themselves in the relevant sector subject matter.

TRACK A
KEYNOTE THEATRE

REFORMS, POLICY AND INCENTIVES

15.15  AFTERNOON KEYNOTE:
Transformation Of Sustainable Energy: The New Era Of Efficiency And Optimisation
Taher Diab, Senior Director of Strategy & Planning, Dubai Supreme Council of Energy, UAE

TRACK B
CONFERENCE THEATRE 1

ENERGY TECHNOLOGIES DRIVING INNOVATION

15.15  AFTERNOON KEYNOTE:
Energy Technologies Driving Innovation
Kuldeep Tickoo, Executive Vice President, Digital Grid Business Unit, Siemens, UAE

TRACK C
CONFERENCE THEATRE 2

UTILITY SCALE SOLAR AND OTHER RENEWABLE ENERGY

15.15  OPENING KEYNOTE
Countdown Clock: How Combining Solar And Portable Storage Will Impact Traditional Business Models Of Major Utilities
Saulius Adomaitis, Partner, Energy Sector Leader, MENA Advisory, EY, UAE
CONFERENCE AGENDA
DAY ONE

<table>
<thead>
<tr>
<th>TRACK A</th>
<th>TRACK B</th>
<th>TRACK C</th>
</tr>
</thead>
<tbody>
<tr>
<td>KEYNOTE THEATRE</td>
<td>CONFERENCE THEATRE 1</td>
<td>CONFERENCE THEATRE 2</td>
</tr>
<tr>
<td><strong>15.45</strong></td>
<td><strong>15.45</strong></td>
<td><strong>15.45</strong></td>
</tr>
<tr>
<td><strong>16.30</strong></td>
<td><strong>16.30</strong></td>
<td><strong>16.00</strong></td>
</tr>
<tr>
<td><strong>ENGAGED DISCUSSION PANEL:</strong> Implementing Energy Subsidy Reforms: Overcoming The Challenges Moderated by: Laura Buckwell, Television Presenter &amp; News Anchor Graeme Lindsay Sims, Executive Director, Regulatory &amp; Supervisory Bureau (RSB) Dubai, UAE K Marcus Chee, Executive Director, Energy Council of Malaysia, Malaysia Neil McCulloch, Principal, The Policy Practice, UK</td>
<td><strong>GLOBAL CASE STUDY:</strong> Smart City Innovation Energy City Frederikshavn: A World Class Example Of How Collaboration Drives Forward Innovation In Real-Life Urban Districts Poul Rask Nielsen, Project Director, Energy City Frederikshavn, Municipality of Frederikshavn, Denmark</td>
<td><strong>End of Global Smart Energy Summit Day 1</strong></td>
</tr>
</tbody>
</table>
CONFERENCE AGENDA
DAY TWO

08.00  Registration opens at Za’abeel 6

09.00  OPENING REMARKS FROM THE CHAIR
Laura Buckwell, Television Presenter & News Anchor

09.15  GUEST ADDRESS: Energy Policy
Andy Karsner, Managing Partner, The Emerson Collective, Senior Strategist and Space Cowboy, Google X, and Founder and Executive Chairman, Manifest Energy, USA

10.15  Morning Refreshments & Networking Break

10.45  Following morning refreshments, delegates will have the opportunity to choose from 4 content tracks. Content streams are designed to give delegates the opportunity to choose their specific area of interest and immerse themselves in the relevant sector subject matter.

**TRACK A**
KEYNOTE THEATRE

<table>
<thead>
<tr>
<th>SMART CITIES &amp; URBAN INFRASTRUCTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.45 MORNING KEYNOTE: ABB</td>
</tr>
<tr>
<td>Stephen Valentino, Regional</td>
</tr>
<tr>
<td>Business Unit Head, Grid</td>
</tr>
<tr>
<td>Integration, MEA, ABB, UAE</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>11.15 GLOBAL CASE STUDY DISCUSSION:</td>
</tr>
<tr>
<td>Showcasing Trailblazing Achievements</td>
</tr>
<tr>
<td>And Pacesetting Developments In</td>
</tr>
<tr>
<td>Electric Mobility And Autonomous</td>
</tr>
<tr>
<td>Vehicles</td>
</tr>
<tr>
<td>Moderated by: Laura Buckwell,</td>
</tr>
<tr>
<td>Television Presenter &amp; News Anchor,</td>
</tr>
<tr>
<td>Paul Copping, Chief Innovation</td>
</tr>
<tr>
<td>Officer, Digital Greenwich, United</td>
</tr>
<tr>
<td>Kingdom Ellesia Saffron, Founder &amp;</td>
</tr>
<tr>
<td>MD, Maysaffron, UAE</td>
</tr>
<tr>
<td>Christina Bu, Secretary General,</td>
</tr>
<tr>
<td>Norwegian Electric Vehicle</td>
</tr>
<tr>
<td>Association, Norway</td>
</tr>
</tbody>
</table>

| 12.00 PLENARY SESSION: Electric     |
| Vehicles (EVs) And Smart Grid       |
| Interaction: Integrating EVs Into   |
| The Electricity Grid                |
| Neetika Sathe, Director,            |
| Advanced Planning, Electra          |
| and Board Member, Electric Mobility |
| Canada, Canada                      |
| 12.45 Lunch and Networking Break    |

**TRACK B**
CONFERENCE THEATRE 1

<table>
<thead>
<tr>
<th>DEVELOPMENTS IN SMART GRIDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.45 MORNING KEYNOTE:</td>
</tr>
<tr>
<td>Rony Kalaany, Technical</td>
</tr>
<tr>
<td>Consultant Architects, OSGP</td>
</tr>
<tr>
<td>Alliance, The Netherlands</td>
</tr>
<tr>
<td>11.15 GLOBAL CASE STUDY</td>
</tr>
<tr>
<td>DISCUSSION: H2020 Nobel Grid</td>
</tr>
<tr>
<td>Providing Advanced Tools</td>
</tr>
<tr>
<td>And ICT Services To</td>
</tr>
<tr>
<td>All Actors In The Smart Grid</td>
</tr>
<tr>
<td>To Ensure Benefits From</td>
</tr>
<tr>
<td>Cheaper Prices, More Secure</td>
</tr>
<tr>
<td>And Stable Grids and Clean</td>
</tr>
<tr>
<td>Electricity</td>
</tr>
<tr>
<td>Moderated by: Antonio</td>
</tr>
<tr>
<td>Marques, Director of Technology, ETRA, Spain</td>
</tr>
<tr>
<td>Dirk Vansintjan, President,</td>
</tr>
<tr>
<td>European Federation of Groups</td>
</tr>
<tr>
<td>of Cooperatives of Citizens</td>
</tr>
<tr>
<td>for Renewable Energy, RE Scoop, Belgium</td>
</tr>
<tr>
<td>Dr. Mihai Paun, Vice President</td>
</tr>
<tr>
<td>EUP Programmes &amp; Projects</td>
</tr>
<tr>
<td>Manager, Romanian Energy</td>
</tr>
<tr>
<td>Center (CRE), Romania</td>
</tr>
<tr>
<td>Jan Pecinovsky, Data Scientist</td>
</tr>
<tr>
<td>Enegyfi, Belgium Lola</td>
</tr>
<tr>
<td>Alacreu Garcia, Senior Project</td>
</tr>
<tr>
<td>Manager, Department of Technology, ETRA for Nobel Grid, Spain</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>11.45 DATA SCIENCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Role of the Data Scientist in a Public Utility</td>
</tr>
<tr>
<td>Norv Clontz, Director, Data Science Innovation, Duke Energy, USA</td>
</tr>
</tbody>
</table>
## TRACK A
### KEYNOTE THEATRE
#### SMART CITIES & URBAN INFRASTRUCTURE

13.45 **GLOBAL CASE STUDY DISCUSSION:**
Intelligent Lighting For Smart Cities
*Motaz AlBatta*, Regional Sales Director, Electrical, *Leviton*, UAE

14.15 **GLOBAL PANEL DISCUSSION:**
District Energy In Cities Initiative: Supporting National And Municipal Governments To Develop, Retrofit And Scale Up District Energy Systems
*Yann Francoise*, Head of Climate Protection & Energy Strategy, *City of Paris*, France

14.45 **PLENARY SESSION:**
Retrofitting
*Cornel Jivan*, Director, *ENGIE DMCC*, and Member, *World Energy Council*, Romania

15.15 Afternoon Refreshments & Networking Break

15.45 **PLENARY SESSION:**
The Existing Building Challenge: Retrofitting Structures With Integrated Smart Building Technologies That Contribute To Lower Operational Costs
*Shannon Graham*, Director, Middle East, *Navigant Research*, UAE

## TRACK B
### CONFERENCE THEATRE 1
#### DEVELOPMENTS IN SMART GRIDS

12.00 **DUAL DISCUSSION:**
Optimising The Smart Grid To Reduce Peak Load And Operating Costs And Deferring New Investment To The Power Grid
*Marko Kruijthof*, Senior Manager, Sustainability & Renewal, *Stedin* & Chairman, *Dutch Power*, The Netherlands

12.45 Lunch and Networking Break

13.45 **GLOBAL CASE STUDY:**
Microgrids
*Manik M. Jolly*, Founder & CEO, *Grassroots and Rural Innovative Development (GRID)*, India

14.15 **GLOBAL CASE STUDY:**
Off-Grid Renewable Energy Systems: What Are They, Why Do They Matter And What Can Be Achieved?
*Steve Johanns*, Founder & CEO, *Veriown Global*, USA

14.45 Afternoon Refreshments & Networking Break

1515 **UTILITY OF THE FUTURE**
*Shweta Mathur*, Head of Group, Business Relations & Analytics, *Tata Power Delhi Distribution*, India

## TRACK C
### CONFERENCE THEATRE 2
#### UTILITY ANALYTICS

12.15 **ADVANCED DISTRIBUTION**
Oncor’s Journey To An Advanced Distribution Grid
*Hagen Haentsch*, Director, Distribution Operating Center West, *Oncor Electric Utilities*, USA

12.45 Lunch and Networking Break

13.45 **ESB Innovation - Reaping The Benefits Of Leveraging The Potential Of Data Science To Develop Analytical Solutions For Utilities**
*Kieran O’Neill*, Data Science Manager, *ESB Innovation*, Ireland

14.15 **GLOBAL CASE STUDY:**
Enabling The Enterprise With Analytics: Delivering Insight In Real-Time For EDP Distribuição
*Rita Viegas*, Senior Data Analyst, *EDP*, Portugal

14.45 Afternoon Refreshments & Networking Break

1515 **GENERATION ANALYTICS**
*Generation Portfolio Optimisation*
*Brian Williams*, ENR Industry Value Advisor, *SAP*, UAE
CONFERENCE AGENDA
DAY TWO

TRACK A
KEYNOTE THEATRE


16.45 PLENARY SESSION: District Energy Networks: The Strategic Backbone Of Smarter Cities – Creating World Leading, Highly Efficient, Renewable and Smart Energy Districts Antonio Di Cecca, Asset Manager, District Cooling, Engie, France

17.15 End of Global Smart Energy Summit Day 2

TRACK B
CONFERENCE THEATRE 1

15.45 PLENARY SESSION: From Control To Analytics: The Paradox Of Extracting Value From Data Philip Dingle, Marketing Director, Lucy Electric, UK


16.45 ENGAGED DISCUSSION PANEL: Grid Modernisation: The Role Of Micro-Grids In Diversifying Regional Economies Manik M. Jolly, Founder & CEO, Grassroots and Rural Innovative Development (GRID), India Suhela Khan, Programme Coordinator – Women’s Entrepreneurship for Sustainable Energy, United Nations

17.15 End of Global Smart Energy Summit Day 2

TRACK C
CONFERENCE THEATRE 2

16.15 INTERACTIVE ANALYTICS PANEL DISCUSSION: Moderated by: Mark Johnson, Managing Director, Utility Analytics Institute, USA Raiford Smith, Vice President, Energy Technology & Analytics, Entergy, USA Norv Clontz, Director, Data Science Innovation, Duke Energy, USA Hagen Haentsch, Director, Distribution Operating Center West, Oncor Electric Utilities, USA Brian Williams, ENR Industry Value Advisor, SAP, UAE Kieran O’Neill, Data Science Manager, ESB Innovation, Ireland Shweta Mathur, Head of Group, Business Relations & Analytics, Tata Power Delhi Distribution, India

17.30 End of Global Smart Energy Summit Day 2
**CONFERENCE AGENDA**

**DAY THREE**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>08.00</td>
<td>Registration opens at Za’abeel 6</td>
</tr>
<tr>
<td>09.00</td>
<td>Opening Remarks from the Chair</td>
</tr>
<tr>
<td>09.15</td>
<td><strong>GUEST ADDRESS:</strong> Smart Data Analytics: Strategy For A Smart Energy Future</td>
</tr>
<tr>
<td></td>
<td>Kirk Borne, Principal Data Scientist, Booz Allen Hamilton, Astrophysicist, Big Data Consultant, Former Data Archive Project Scientist, NASA's Astronomy Data Center, USA</td>
</tr>
<tr>
<td>10.15</td>
<td>Morning Refreshments &amp; Networking Break</td>
</tr>
<tr>
<td>10.45</td>
<td>Following morning refreshments, delegates will have the opportunity to choose from 4 content tracks. Content streams are designed to give delegates the opportunity to choose their specific area of interest and immerse themselves in the relevant sector subject matter.</td>
</tr>
</tbody>
</table>

**TRACK A**

**KEYNOTE THEATRE**

**MENA PROJECTS OPPORTUNITIES**

**TRACK CHAIR:**

Terry Willis, Director, Middle East, Africa & CIS, Energy Industries Council, UK

10.45 **MORNING KEYNOTE:** Exclusive Energy Projects Market Forecast

Richard Thompson, Editorial Director, MEED, UAE

11.30 **REGIONAL KEYNOTE:** A Super Grid In The Gulf: Regional Market Integration – GCC Region and Beyond

Nasser Al-Shahrani, Chief Operations Officer, GCC Interconnection Authority, KSA

12.00 Developing A Bankable Utility Scale PV Project – An 8 Phase Approach: Examining the Dii Desert Energy Toolkit Initiative

Fadi Maalouf, Director, IPP & EPC, Dii Desert Energy

12.45 Lunch and Networking Break

**TRACK B**

**CONFERENCE THEATRE 1**

**ENERGY STORAGE: THE FUTURE**

**TRACK CHAIR:**

LeAnne Graves, Energy Reporter

10.45 **MORNING KEYNOTE:** Microgrids: Demonstrating The Role Of Distributed Power Generation And Storage As Viable Options For Commercial Customers, Communities And Utilities

Brian Bentz, President & CEO, Alectra, Canada

11.30 Outlook For Utility-Scale Energy Storage Across The MENA Region

Andrew Roscoe, Power & Water Editor, MEED, UAE

12.00 **GLOBAL CASE STUDY:** Energy Storage

Donald Harrod, Village Administrator, Village of Minster, Ohio, USA

12.45 Lunch and Networking Break

**TRACK C**

**CONFERENCE THEATRE 2**

**DATA & DIGITAL TRANSFORMATION**

10.45 **MORNING KEYNOTE:** Big Data

Manil Maskey, Deputy Manager, Global Hydrology Resource Center, Marshall Space Flight Centre – NASA, USA

11.30 **REGIONAL CASE STUDY:** Energy Innovation

Dr. Steven Griffiths, Interim Executive Vice President for Research, Khalifa University of Science and Technology, and Vice President for Research, Interim Associate Provost, Professor of Practice, Masdar Institute of Science and Technology, UAE

12.00 Using Satellite Optimisation To Effectively Combining Historical And Real-Time Data To Maximise Analytics Accuracy

Dr. Mahmoud Alhader, Asset Information Section Head, Al Ain Distribution Company, UAE

12.45 Lunch and Networking Break
### CONFERENCE AGENDA
#### DAY THREE

<table>
<thead>
<tr>
<th>TRACK A</th>
<th>MENA PROJECTS OPPORTUNITIES</th>
</tr>
</thead>
</table>
| 13.45 | **COUNTRY FOCUS: SAUDI ARABIA**  
Understanding The Growing Importance Of Renewable Energy In Saudi Arabia And The Alternative Solutions For Desalination To Reduce High Energy Consumption And Environmental Impacts  
Dr. Fahad Al-Sulaiman, Director, Center of Excellence in Renewable Energy & Energy Efficiency, King Fahd University of Petroleum & Minerals, KSA |
| 14.15 | Waste To Energy: Industrial Ecology Opportunities In The Energy Sector  
Dr. Bassem Nassouhy, Fujairah Natural Resources Corporation & General Manager & Waste to Energy Expert, SBS Group, UAE |
| 14.45 | **COUNTRY FOCUS: EGYPT**  
Solar & Wind: Delivering Egypt’s Ambitious Renewable Energy Targets  
Ehab Farouk, Manager of Planning, New and Renewable Energy Authority, Ministry of Electricity and Renewable Energy, Egypt |
| 15.15 | **COUNTRY FOCUS: BAHRAIN**  
Introducing Smart Lighting, Cutting Edge Construction & Renewable Energy In Bahrain’s Construction Sector – The New & Existing Building Challenge  
Saleh Mahfoodh, Head, Electrical Design Construction Projects (CPD), Ministry of Works, Municipalities Affairs and Urban Planning, Bahrain |

<table>
<thead>
<tr>
<th>TRACK B</th>
<th>ENERGY STORAGE: THE FUTURE</th>
</tr>
</thead>
</table>
| 13.45 | **AFTERNOON CASE STUDY:**  
Vehicle-To-Grid (V2G) Energy Storage: Bringing Together Vehicles, Roads And Energy Networks In Complete Synchronicity  
Francisco Carranza, Director, Energy Services, Nissan Europe, France |
| 14.15 | **GLOBAL CASE STUDY:**  
Energy Transition For Cities: The Role Of Storage  
Betty Seto, Head of Department, Sustainable Buildings and Communities, DNV-GL, USA |
| 14.45 | **GLOBAL CASE STUDY:**  
Analysing The Development Of Energy Storage Systems in Emerging Markets  
Lakshmi Narayanan, Chief Environmental Expert, General Engineering Consultant, Mumbai Metropolitan Region Development Authority (MMRDA), India |
| 15.00 | **GLOBAL PANEL DISCUSSION**  
Managing Big Data In The Smart Grid: Concepts, Requirements And Implementation Strategies To Optimise Generation, Distribution And Consumption  
Taavi Liivandi, Head of Smart Grid Development Center, Elektrilevi, Estonia  
Peter Molengraaf, Industry Expert & Former Chief Executive, Alliander, The Netherlands  
Theo Borst, Business Director, Smart System Operations & Digital Transformation, DNV GL-Energy, The Netherlands |

<table>
<thead>
<tr>
<th>TRACK C</th>
<th>DATA &amp; DIGITAL TRANSFORMATION</th>
</tr>
</thead>
</table>
| 13.45 | Developing A Digitisation Roadmap For Energy Companies  
David Galea, CEO, BEAT, Malta |
| 14.30 | **GLOBAL CASE STUDY:**  
Identifying New Threats And Security Challenges And Creating A Real-Time Incident Response Plan To Combat Them  
Dr. Ayad Y. Aldaijy, Advisor, Saudi Arabian Minister of Environment, Water & Agriculture and Chief Information Officer, Ministry of Environment, Water & Agriculture, KSA |

---

15.45 Afternoon Refreshments & Networking Break

16.00 Interested in hearing the ideas of the future generation of the energy industry? Visit the Future Generation area where finalists of the student competition are displaying their innovative solutions around the 2018 theme “Smart Energy - Clean, efficient and reliable”.

18.00 Close of Middle East Electricity 2018
ENGAGED DISCUSSIONS 1
TUESDAY 6 MARCH 2018
16.00 EXTENDED KNOWLEDGE SESSION:
Structural Price Modelling
And The Influence Of The Energy Mix On The Future Grid
Mikael Lundin, Industry Expert & Former CEO, Nord Pool, Norway

ENGAGED DISCUSSIONS 2
WEDNESDAY 7 MARCH 2018
10.45 EXTENDED KNOWLEDGE SESSION
Intimate Follow-Up Question & Answer Session with Andy Karsner, Former Assistant Secretary for Energy Efficiency & Renewable Energy, US Department of Energy, USA

11.30 EXTENDED KNOWLEDGE SESSION
Subsidy Reform: Fossil Fuel, Electricity & Renewable Reforms
Neil McCulloch, Principal, The Policy Practice, UK

14.45 Meeting The Cyber Risk Challenges In The Power Sector: Threats, Tactics And Protecting Your Company & Data
Dr. Ayad Y. Aldaijy, Advisor, Saudi Arabian Minister of Environment, Water & Agriculture and Chief Information Officer, Ministry of Environment, Water & Agriculture, KSA

ENGAGED DISCUSSIONS 3
THURSDAY, 8 MARCH 2018
10.45 EXTENDED KNOWLEDGE SESSION
Intimate Follow-Up Question & Answer Session with Kirk Borne, Principal Data Scientist, Booz Allen Hamilton, Astrophysicist, Big Data Consultant, Former Data Archive Project Scientist, NASA’s Astronomy Data Center, USA

12.00 EXTENDED KNOWLEDGE SESSION:
Electric Vehicles (EVs) And Smart Grid Interaction: Integrating EVs Into The Electricity Grid
Neetika Sathe, Director, Advanced Planning, Alectra and Board Member, Electric Mobility Canada, Canada
MIDDLE EAST ELECTRICITY
ENERGISING THE INDUSTRY
5 - 7 MAR 2019 | UNITED ARAB EMIRATES

POWER SAUDI 2030
ENERGISING THE INDUSTRY
15 - 17 OCT 2018 | SAUDI ARABIA

ELECTRICX
ENERGISING THE INDUSTRY
17 - 19 NOV 2018 | EGYPT

SOLAR - TEC
ENERGISING THE INDUSTRY
17 - 19 NOV 2018 | EGYPT

POWER NIGERIA
ENERGISING THE INDUSTRY
25 - 27 SEP 2018 | NIGERIA

Discover more
www.energisingtheindustry.com