

# 63rd AMEU CONVENTION PROGRAMME

## 15 – 17 October 2012

### Solutions for a Smart Industry

#### DAY 1: 15 OCTOBER 2012

07:30	<b>Registration and Refreshments</b>		
08:30	Assembly & Procession	5	
	National Anthem	5	
	Opening Act	5	
	Prayer and Scripture Reading	5	Pastor Charles Grant
	Welcome by the President	10	Michael J Rhode, AMEU President
	Welcome by the host city	15	Executive Mayor, M Gungubele, Ekurhuleni Metropolitan Municipality
09:15	<b>Key Note Address</b>	45	Minister of Energy, Minister E D Peters
<b>10:00</b>	<b>Word from the Regulator</b>	30	Ms P Nzimande, CEO - NERSA
<b>10:30</b>	Invitation – venue of the 2013 Convention	5	
	Honorary Membership Awards	15	Michael J Rhode
	Social Contribution	5	Michael J Rhode
	Inauguration of AMEU President	10	Michael J Rhode
	New President: Welcome	10	Hannes Roos
<b>11:15</b>	<b>Refreshments &amp; Exhibition Viewing / Departure of Spouses</b>		
<b>INTRODUCTION TO DAY 1: MMC Cllr Aubrey Nxumalo</b>			
<b>SESSION CHAIR: Hannes Roos</b>			
<b>INTERNATIONAL TRENDS</b>			
11:40	Global Trends in Energy, Power & Utilities	30	Jan Gey van Pittius, PwC
12:10	Smart Grid Evolution Through Microgrid Aggregation in Africa	30	Wajdi Ahmad, GE Digital Energy
12:40	Innovative Approach to an ICT Infrastructure supporting Smart Grids and Smart Metering for Municipal Electricity Undertakings	30	Paul Renshall, Mott MacDonald Limited
<b>13:10</b>	<b>Lunch &amp; Exhibition Viewing</b>		
<b>SESSION CHAIR: Michael Rhode</b>			
<b>NEW TECHNOLOGY</b>			
14:10	ZigBee® as a Technology Platform for Advanced Metering Infrastructure (AMI)	30	James Calmeyer, Strike Technologies
14:40	Mobile Technology for Infield Data Collections and Electronic Works Orders	30	Hugo Götze, Motla Metering (Pty) Ltd
15:10	New Innovative Technology for Smart Grids to reduce unnecessary and costly Power Outages	30	Dirk Scheerer, Siemens
<b>15:40</b>	<b>Refreshments &amp; Exhibition Viewing</b>		
<b>SESSION CHAIR: Sy Gourrah</b>			
<b>RENEWABLE ENERGY</b>			
16:10	Small-Scale Renewable Energy Embedded Generation: Impacts and Opportunities for Local Municipalities	30	Andrew Janish, Sustainable Energy Africa
16:40	Simulation Studies Required for Renewable Energy Integration	30	Vimeshan Pillay, Digsilent Buyisa
17:10	<b>Day Adjournment</b>		
<b>17:10</b>	<b>Cocktail Function, Hosted by City of Ekurhuleni (AMEU Exhibition Area)</b>		

## DAY 2: 16 OCTOBER 2012

<b>07:30</b>	<b>Registration and Refreshments</b>		
<b>INTRODUCTION TO DAY 2: Cllr From eThekweni</b>			
<b>SESSION CHAIR: Serutle Ntlatleng</b>			
<b>SMART GRIDS</b>			
08:30	Demystifying the Smart Grid	30	Stuart Michie, ABB SA
09:00	When is Smart Metering really smart?	30	Kobus van den Berg, Aurecon
09:30	Challenges in Implementing Turnkey Smart Meter Projects	30	Harold Hayes, Landis+Gyr
10:00	Solutions for a Smart Industry	30	Willem de Beer, SANEDI
<b>10:30</b>	<b>Refreshments &amp; Exhibition Viewing</b>		
<b>SESSION CHAIR: Sandile Maphumulo</b>			
<b>SMART GRIDS</b>			
11:00	Smart Grid Solutions for Transformer Monitoring & Diagnostics	30	Wajdi Ahmad, GE Digital Energy
11:30	TOU Tariff for Domestic Customers with Smart Meters	30	Hendrik Barnard, Elexpert (Pty)Ltd
12:00	Building a Real Smart Solution	30	Tom Phillips, Conlog (Pty) Ltd
<b>12:30</b>	<b>Lunch &amp; Exhibition Viewing</b>		
<b>SESSION CHAIR: Moferefere Tshabalala</b>			
<b>SAFETY PAPERS</b>			
13:30	Switching Off Dangerous Circuitry ito the OHSA vs Constraints of Switching Off Services ito PAJA	30	Deon Louw, Overstrand Municipality
14:00	Dangers and Hazards of Entering Live Substations and Enclosures	30	Barry Gass, Actom
14:30	Isolate, Test and Earth, So Simple, So Why Do Things Still Go Wrong?	30	Roy Wienand, eThekweni Metro Municipality
<b>15:00</b>	<b>Refreshments &amp; Exhibition Viewing</b>		
<b>SESSION CHAIR: Shamiela Adams</b>			
<b>SAFETY PAPERS</b>			
15:30	Safety: The Importance of Labelling/Marking in the Electrical Network	30	Dennis Mokoala, Polokwane Municipality
16:00	Optimising Health and Safety Management by Job Task to Risk Behaviour Profile Matching	30	Willem J du Toit, SAFTEK
<b>16:30</b>	<b>Day Adjournment &amp; Exhibition Viewing</b>		
<b>19:00</b>	<b>Gala Evening Hosted by the AMEU President (Emperors Palace)</b>		

**DAY 3: 17 OCTOBER 2012**

**08:00 Registration and Refreshments**

**INTRODUCTION TO DAY 3: Cllr Thulo**

**SESSION CHAIR: Rifilwe Mogale**

**OPERATIONS AND PLANNING**

09:00	Low Loss Distribution Transformers in a South African Context	30	Gareth Stanford, Powertech Transformers
09:30	Case Study: Protection Settings Management at City Power	30	Hilton Baartman, Digsilent Buyisa
10:00	Electrical Utility Distribution Network Capital Planning – A Network Reliability Informed Approach to Prioritising Investment for Economic Sustainability	30	Dr Clinton Carter-Brown, Eskom
10:30	Power Quality Monitoring (or Management) System (PQMS) for the City of Ekurhuleni	30	Stephen Delport, Ekurhuleni Metropolitan Municipality

**11:00 Refreshments & Exhibition Viewing**

**SESSION CHAIR: Pam Mbobo**

**OPERATIONS AND PLANNING**

11:45	Using Low Voltage Smart System (LVSS) Data for Intelligent Operations and Customer Support	30	Hartmut Bohmer, Util Labs
12:15	The Emerging Role of Mobile Phone Technology to Enhance Asset Management Processes Within the Municipal Sector and its Impact on Operational Efficiency	30	Ignatius van Zyl , Touchwork

**SESSION CHAIR: President of the AMEU, Hannes Roos**

**CONVENTION FORUM - ALL DELEGATES INVITED**

12:45	Closing Session Convention Summary AMEU Best paper Award Cigre Award Thanks from the Chairman of the Affiliates Thanks from Partners Closing address from the President		
13:45	<b>Day Adjournment &amp; Lunch</b>		