



ASSOCIATION OF MUNICIPAL ELECTRICITY UTILITIES OF SOUTHERN AFRICA

64TH AMEU CONVENTION,
5 – 8 OCTOBER 2014
 HOSTED BY THE CITY OF JOHANNESBURG



PROGRAMME

MOVING TOWARDS SOUTHERN AFRICA'S ELECTRICITY NETWORKS OF THE FUTURE

SUNDAY, 5 OCTOBER 2014

Sports Day

19:00 Sports Dinner, Midrand Convention Centre

MONDAY, 6 OCTOBER 2014

07:00 Registration and refreshments

08:00	Assembly & procession	5	
	National anthem	5	JMPD Choir
	Prayer and scripture reading	5	
08:15	Welcome by the president	10	Hannes Roos, Ekurhuleni
08:25	Welcome by the host	20	Mayor of City of Johannesburg, Cllr Parks Tau
08:45	Keynote Address	40	Minister of Energy, Minister Joemat-Pettersson
09:25	Word from the Regulator	30	Ms Phindile Baleni, CEO - NERSA
09:55	Invitation – Venue Announcement 2015	5	MMC, Cllr Matshidiso Mfikoe
	Honorary Membership Award	10	Hannes Roos, AMEU President
	President's Valedictory Address	10	Hannes Roos, AMEU President
	Inauguration of President	10	Sicelo Xulu, City Power
	AMEU Mobile App - Introduction		Landis + Gyr
10:30	Refreshment and exhibition viewing / Departure of spouses		

INTRODUCTION TO DAY 1 CHAIR: Stephen Grootes

CABLE THEFT PLENARY SESSION

11:00 In the past few years, infrastructure and component theft of electricity has grown to become a treasonous act that shuts down economic activity. Last year alone, the country spent over R300 million for the replacement of cable theft and electrical infrastructure. Hundreds of businesses are being forced to close shop shedding jobs in the process. Investors are scaling down on much-needed investments due to the debilitating effects induced by criminally-motivated power supply interruptions.

In light of this economic sabotage, the role players together with the regulators will have a roundtable discussion to talk about: **Should cable theft be classified as economic sabotage?**

12:30 Lunch and exhibition viewing

SESSION CHAIR: Maxwell Mthembu

SMART GRIDS

13:30	Africa UTC - Promoting Telecoms & ICT - An Essential Ingredient in Energy Networks of the Future	30	Peter Moray , Utilities Telecom Council (UTC), USA
14:00	Economically viable Smart Grids within Municipalities: Lessons learned from local case studies	30	Kevin Kotzen, GreenCape
14:30	Journey towards a Smart Utility: an eThekweni Electricity perspective	30	Jonathan Hunsley, eThekweni Municipality
15:00	Refreshments and exhibition viewing		

SESSION CHAIR: Shamiela Adams**TARIFFS/PRICING**

15:30	Municipal tariffs: Where to from here?	30	Hendrik Barnard, Elexpert
16:00	Are Lower Prices an Illusion or Reality in a De-regulated Environment?	30	Nathi Mhlongo, Zimele Technologies
16:30	Day Adjournment, Cocktail function in the exhibition area, hosted by the City of Johannesburg		

TUESDAY, 7 OCTOBER 2014

07:30	Registration and Refreshments		
08:15	Keynote Address	45	Minister of Public Enterprises, Minister Lynne Brown

INTRODUCTION TO DAY 2 SESSION CHAIR: Kagiso Leepile**EMBEDDED GENERATION**

09:00	Small Scale On-Grid Solar Photo Voltaic Embedded Generation in South Africa – Methodologies to Stimulate the Market	30	Paul Tuson, Mott McDonald
09:30	A perspective on distributed generation in municipal networks	30	Kevin Kotzen, GreenCape
10:00	The impact of small scale embedded generation and EEDSM on historically designed networks and how it will affect networks of future cities	30	Jaco Alberts , Motla Consulting Engineers (Pty) Ltd
10:30	Typical technical behaviour of LV networks, with varied levels of renewable penetration	30	Geeven Moodley, Digsilent Buyisa (Pty) Ltd
11:00	Refreshments and exhibition viewing		

SESSION CHAIR: Serutle Ntlatleng**SMART METERING**

11:30	Smart Metering Implementation Guidelines	30	Kobus van den Berg , Aurecon
12:00	Revenue generation success story: The case of River Park	30	Xolani Lembede, City Power
12:30	Transforming Municipal Services – Delivering Smart Metering while Securing Revenue	30	Paul Renshall , Total Utilities Management Services Pty Ltd (TUMS)
13:00	Lunch and exhibition viewing		

SESSION CHAIR: Serutle Ntlatleng**SMART METERING**

14:00	Smart metering solutions for the future of African utilities and the world	30	Wasim Dawood , Conlog
14:30	Smart meters v Smart hot water control systems	30	Fred Gibson, SolarTricity

15:00 Net-Metering Concept 30 Geeven Moodley , SALGA-GIZ

15:30 Refreshment and exhibition viewing

SESSION CHAIR: Pam Mboho

SAFETY PAPERS

16:00 The impact of the new health and safety (construction) regulations on municipal and design electrical engineers 30 Dr Willem du Toit , Saftek Technology

16:30 Case study: Results of an investigation into a fatal accident during testing of an isolated 11kV circuit breaker 30 Barry Gass, High Voltage Training

17:00 Day Adjournment

19:00 Gala Dinner, Hosted by the AMEU President, Gallagher Convention Centre

WEDNESDAY, 8 OCTOBER 2014

08:00 Registration and exhibition viewing

INTRODUCTION TO DAY 3 SESSION CHAIR: Moferefere Tshabalala

NETWORK PLANNING AND PERFORMANCE

08:30 Eskom: System Status Overview 30 Robbie van Heerden, Eskom

09:00 City Power master planning philosophy 30 Riaan Swanepoel, City Power

09:30 Higher performance of the future T&D networks using Asset Health 30 Hennie Nel, Ventyx

10:00 Security of Supply for the City of Johannesburg 30 Stuart Webb , City Power

10:30 Reliability modelling of the City Power networks using a simplified approach 30 Louis Pieterse, City Power

11:00 Refreshments and exhibition viewing

SESSION CHAIR: Sicelo Xulu

TRAINING AND DEVELOPMENT

11:30 Local government in the Eastern Cape developing technical scarce skills for road to professional registration with statutory bodies 30 Mvuleni Bukula, Nelson Mandela Bay Municipality

12:00 Countering the dire shortage of technical personnel in South Africa 30 Tom Phillips, Inspired Interfaces (Ltd)

SESSION CHAIR: Sicelo Xulu

CONVENTION FORUM: ALL DELEGATES INVITED

12:30 Closing session
Convention summary
AMEU best paper award
Cigre award
Thanks from the AMEU affiliates chair
Thanks from the partners
Closing address from the president

13:30 Day adjournment and lunch