

Programme

The Impact of the Energy Revolution on Power Utilities in Africa

Sunday, 7 October 2018

Sports Day

19:00 Sports Dinner

Monday, 8 October 2018

07:00 Registration and refreshments

09:00	Assembly & procession	5	
	National anthem	5	<i>Tshwane Gospel Choir</i>
	Prayer and scripture reading	5	<i>Pastor Masotla</i>
09:15	Welcome by the AMEU President,	10	<i>Mr Moferefere Tshabi Tshabalala, AMEU President</i>
09:25	Welcome by the Host, MMC, City of Tshwane	5	<i>Cllr Mr Darryl Moss</i>
09:30	Welcome Speech by Mayor	15	<i>Cllr Mr Solly Msimango, His Worship the Executive Mayor of Tshwane</i>
09:45	Keynote Address	40	<i>The Hon Dr Zweli Mkhize, Minister of COGTA</i>
10:25	Address by the CEO, NERSA	30	<i>Mr Chris Forlee, CEO NERSA</i>
10:55	Invitation – Venue Announcement 2019	5	
	Honorary Membership Awards	10	<i>Mr Jean Venter, AMEU General Secretary</i>
	President's Valedictory Address	10	
	Inauguration of incoming AMEU President	10	

11:30 Refreshment and exhibition viewing / Departure of spouses

**Introduction to Day 1 Ms Refilwe Mokgosi, AMEU President Elect & Panel Chair
(Willem Johannes De Beer)**

12:00 **PANEL DISCUSSION: SECURITY OF
INRASTRUCTURE** 60

The efficient management of a municipal power utility's non-technical losses is key to ensuring its financial viability and effectively delivering on its service delivery mandate.

13:00 Lunch and exhibition viewing

Session chair: (Tom Ndwamato Mutshidza, City of Tshwane Metro)

INFRASTRUCTURE INTEGRITY

14:00	A case for new design methodologies for distribution networks	30	Justin Lotter; University of Pretoria
14:30	Development of Asset Management Plans for Renewable Energy O&M bringing ISO 55001 closer to real assets	30	Darryl Summers; Pragma Africa (Pty) Ltd
15:00	Municipal electricity energy master plans - informing new opportunities and business models for South African municipal electricity distributors	30	Dr C Carter-Brown, CSIR

15:30 Refreshments and exhibition viewing

Session chair: (Moswatshe Sam Lelope, Greater Tzaneen Municipality)

REVENUE MANAGEMENT

16:00	The accurate billing for LPU using management models and frameworks	30	Orren Groenewaldt, Sol Plaatje Municipality
16:30	Finding your customers to reduce losses	30	Attie Senekal, AURECON

17:15 Day Adjournment,
Cocktail Function Hosted by The Executive Mayor of Tshwane at the Exhibition Area

Tuesday, 9 October 2018

07:30 Registration and Refreshments

INTRODUCTION TO DAY 2 SESSION CHAIR:

(Ms Refilwe Mokgosi, AMEU President Elect)

08:30	Keynote Address	40	The Hon Mr Jeff Radebe, Minister of Energy
09:10	Women-in-Electricity (“WiE”) Programme	10	AMEU WiE Chairperson
09:20	Women Economic Empowerment Showcase	70	Coordinated by AMEU WiE Group

10:30 Refreshments and exhibition viewing

SESSION CHAIR: (Ms Jayshree Pershad, AMEU Vice President Elect & Maxwell Mthembu, eThekweni Metro)

TECHNOLOGY AND INNOVATION

11:00	Streetlight controls for smart cities based on IoT Technology	30	Daniel Kasper, Beka Schreder
11:30	Lessons learnt from advanced battery energy storage and microgrid projects	30	Sherwin Harris, General Electric
12:00	How wireless electricity theft detection can assist in reducing the theft or “stealing” of electricity	30	Salome Tshikomba, City of Tshwane
12:30	Enhancement of Network System Performance Monitoring through Synchronised Measurement Technology	30	Thuthukani Nduduzo Biyela; eThekweni Metro Electricity

13:00 Lunch

SESSION CHAIR: (Ms Nombulelo Zwane, Stellenbosch Municipality)

DIVERSIFICATION OF THE ELECTRICITY DISTRIBUTION INDUSTRY FOR BUSINESS SUSTAINABILITY

14:00	The dawn of the new municipal business model and the legal imperatives to realise same	30	Dr Willie de Beer (former EDIH COO), At van der Merwe (past President AMEU) & Adriaan van der Merwe (Cliffe Dekker Hofmeyer)
14:30	Exhibition viewing		
15:00	Internet of Things & Distribution Infrastructure	30	Sahar Javdani, Schneider Electric SA
15:30	A call for operational efficiencies owing to the imminent diversification of electricity supply & distribution	30	Mantsie Hlakudi & Keneilwe Seleme, ESKOM

16:00 Day Adjournment

18:30 Gala Dinner, Hosted by City of Tshwane at the Time Square Casino

Wednesday, 10 October 2018

08:00 Registration and exhibition viewing

INTRODUCTION TO DAY 3, SESSION CHAIR: (Dr Les Rencontre & Siyabulela Gqwede, City of Cape Town)
SMALL SCALE EMBEDDED GENERATION (“SSEG”) & ENERGY STORAGE BUSINESS

08:30 Captive Embedded Generation: what happens when utilities fail? 30 *Dr Chris Haw, SOLA Future Energy*

09:00 The Application of Real-Time Digital Simulator for PV Integration Grid Studies 30 *Mluleki Hlatshwayo, CSIR*

09:30 Understanding Solar Photovoltaic investment decisions in the residential sector: Outcomes from the Household Solar Energy Survey 30 *N Korsten, K Kritzingler & L Scholtz, (CRSES) Stellenbosch University*

10:00 Technical and Financial Impacts of Residential PV and Battery Storage Systems on Municipal Networks 30 *Miriam S. Thopil, Digisilent Buyisa*

10:30 Integrating energy storage with Solar for South African Municipalities. 30 *Rabagolo Melesi & Keith Katyora Aurecon South Africa*

11:00 Refreshments and exhibition viewing

SESSION CHAIR: (Jacqueline Mbeve, Lesedi Municipality)
POWER QUALITY AND SHER

11:30 Power Quality Problems - who is the culprit 30 *Thabo Mahlatsi, City of Johannesburg*

12:00 Towards improved OHS Act (Electrical Installation Regulation 2009) compliance and co-operation between Utilities and the contracting fraternity 30 *Cecil Lancaster The Electrical Contractors' Association of SA, ECA (SA)*

SESSION CHAIR: (Ms Refilwe Mokgosi, AMEU President Elect)
CONVENTION FORUM: ALL DELEGATES INVITED

12:30 Closing session Convention summary
AMEU best paper award

CIGRE award

Thank you message from the AMEU affiliates chair

Thank you message from the partners

Closing address from the president

13:30 Day adjournment and lunch