

**AMEU 70th
CONVENTION**

Future Proofing the Municipal Electricity Utility Business in SA

20 - 23 Oct 2024

Kruger National Park
Nombolo Mdhluli Conference Centre
(Skukuza Safari Lodge)



SUNDAY, 20 OCTOBER 2024

Affiliates Sports Day

18:00– 22:00	Sports Dinner	Skukuza Golf Club
--------------	---------------	-------------------

MONDAY, 21 OCTOBER 2024

07:00	Registration and refreshments		
09:00	Assembly & procession	5	EXCO & VIP
	National anthem	5	Host Choir
	Prayer and scripture reading	5	Pastor/Bishop
09:15	Welcome by the AMEU President	10	Mr Nndwamato Tom Mutshidza, AMEU President
09:30	Welcome by the Host, City of Mbombela	15	The Executive Mayor of City of Mbombela Municipality
09:45	Keynote Address by Minister of COGTA	30	Min. Velenkosini Hlabisa Minister of COGTA
10:15	Keynote Address by The Minister of Electricity	30	Ms Samantha Graham Deputy Minister of Energy & Electricity
10:45	Address by the CEO, NERSA	30	Adv. Nomalanga Sithole NERSA CEO
11:15	Announcement - Invitation for the AMEU Convention 2024 venue	15	AMEU Convention 2024 host
11:30	Honorary Membership Awards	20	Mr Jean Venter, AMEU General Secretary
11:45	Invitation – Venue Announcement	15	Mr Jean Venter, AMEU General Secretary
11:30	Refreshment and exhibition viewing / Departure of spouses		

INTRODUCTION TO DAY 1 Session Chair: Tom Mutshidza, AMEU President

12:00	Panel Topic: "Future proofing the digitalised municipal electricity distribution utility of the future in a low carbon economy and with focus on the energy market and the grid"	60	Panel Chair: Vally Padayachee, AMEU Strategic Adviser Panellists: TBA
13:00	Lunch and exhibition viewing		

Session Chair: Tom Mutshidza, AMEU President THEME 1 – MUNICIPAL BUSINESS

14:00	Future proofing the municipal electricity utility in SA: the implementation of sustainable goals in municipalities.	30	Lomile Modiselle; City of Tshwane Municipality
14:30	Collaboration with private-sector developers for the promotion of Local Economic Development via commercial catalytic projects.	30	Veer Ramnarain; eThekweni Municipality
15:00	Future proofing the municipal electricity utility business in SA through generational diversity	30	Lungiswa Khanyile; GLS Consulting
15:30	Refreshments and exhibition viewing		

**Session Chair: Rob Ferrier, AMEU Deputy President
THEME 2 – ARTIFICIAL INTELLIGENCE**

16:00	AMI 3.0 concept: untap the power of AI and dynamic load management.	30	Ihab Mokhles; Iskraemeco
16:30	Unlocking the potential: How AI-driven Solar PV detection can revolutionise municipalities	30	Claudio Angelo Duarte; Esri South Africa
17:00	Day Adjournment		
17:15	Cocktail Function Hosted by The Executive Mayor of City of Mbombela at the Exhibition Area		

TUESDAY, 22 OCTOBER 2024

07:30	Registration and Refreshments		
-------	-------------------------------	--	--

**INTRODUCTION TO DAY 2
Session Chair: Tom Mutshidza, AMEU President**

08:30	Keynote Address by ECSA	30	
09:00	Women-in-Electricity (WiE) Programme	30	Sheila Cele; AMEU WiE Chairperson
09:30	PANEL DISCUSSION: Ensuring Resilience within the Municipal Electricity Utility Business: Strategies for a Sustainable and Efficient Future in Southern Africa”	30	Coordinated by The AMEU WiE Committee Prof Langerman, University of Johannesburg Isaac Nkama, ForesightAfrica
10:00	Refreshments and exhibition viewing		

**Session Chair: Siyabulela Gqwede, AMEU Vice President
THEME 3 – MARKETS & BUSINESS SUSTAINABILITY**

10:30	Enabling participation in a competitive wholesale and renewable electricity market	30	Hugo Stappers; Hitachi Energy
11:00	The role of traditional leadership in a Balanced Just Energy Transition (“BJET”)	30	Simphiwe Ntlela & Sindisiwe Shozi; Msunduzi Municipality & eThekweni Municipality
11:30	Long term financial modelling to inform municipal utility reform	30	Donovan Leeuwendaal; City of Cape Town
12:00	Democratising our energy future: municipal procurement of own renewable energy assets	30	Itumeleng Morosele; Sustainable Energy Africa
12:30	Lunch and exhibition viewing		

**Session Chair: Jayshree Pershad, Immediate AMEU Past President
THEME 4 – ASSET MANAGEMENT**

13:30	Diversity within collector networks: enhancing grid resilience through sustainable integration	30	Jonathan Davids; GLS Consulting
14:00	Exhibition viewing		
14:30	Optimising grid management for cash-strapped South African Utilities: Balancing legacy Infrastructure with Advanced Analytics	30	Henk Bredell; I ST
15:00	The importance of preventative maintenance in a substation	30	Pinky Seshabela; Alectrix
15:30	Day Adjournment		
18:00	Gala Dinner, Hosted by Mbombela Municipality		

WEDNESDAY, 23 OCTOBER 2024

08:00 Registration and exhibition viewing

INTRODUCTION TO DAY 3

Session Chair: Leila Mohammed Weideman, Chair, AMEU JET Committee

THEME 5 - TECHNOLOGY

8:30	Defection vs connection – exploring the costs of true grid defection and the benefits of remaining connected to the grid.	30	Nick Sims; Sustainable Energy Africa
9:00	Digitisation in the electricity sector in South Africa: challenges, opportunities and future direction	30	Avarn Kooblale; eThekweni Metro
9:30	Comparison of developer models	30	Gavin Jardine; City Power Johannesburg
10:00	Future-proofing municipal utilities: managing the financial and infrastructural impacts of household solar and intelligent geyser control in South Africa	30	Jon Kornik; Plentify
10:30	Electricity pricing calculation methodology for rooftop solar systems with net billing	30	Martin Pagale Masemola; Medupi Energy Resources
11:00	Refreshments and exhibition viewing		

Session Chair: Sheila Cele, AMEU WiE Chairperson

THEME 6 - DIGITISATION

11:30	Automation of low voltage smart distribution grid using SDNS	30	Noah S Fakude; City of Tshwane Metropolitan Municipality
12:00	Insights from an energy use data collection and perception study in informal settlements in Cape Town: Towards an Accessible and resilient energy system for all	30	Thandeka Tshabalala; City of Cape Town
12:30	Africa's first smart metering system standard	30	Desigan Govender; Conlog Pty Ltd
13:00	Lunch		

Session Chair: Tom Mutshidza, AMEU President

CONVENTION FORUM: ALL DELEGATES INVITED

14:00	Closing session AMEU best paper award CIGRE best technical paper award Thank you message from the AMEU Affiliates Chair message Thank you message from the partners Closing address from the AMEU President		
-------	--	--	--