



69TH AMEU CONVENTION

1 – 4 October 2023
CSIR International Convention Centre



Confronting South Africa's Electricity Crisis in the context of a 'Balanced Just Energy Transition' (BJET) and the need for a reliable and resilient national electricity grid

SUNDAY, 1 OCTOBER 2023

Affiliates Sports Day

11:00 – 15:00	Sports Day Activities	CSIR Soccer Field
17:45 – 00:00	Sports Dinner	The Barnyard Theatre Menlyn

MONDAY, 2 OCTOBER 2023

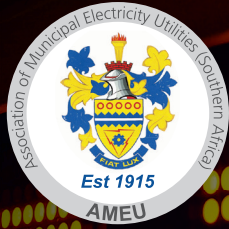
07:00	Registration and refreshments		
09:00	Assembly & procession	5	EXCO & VIP
	National anthem	5	Host Choir
	Prayer and scripture reading	5	Pastor/Bishop
09:15	Welcome by the AMEU President	10	Ms Jayshree Pershad , AMEU President
09:30	Welcome by The Executive Mayor , City of Tshwane Municipality	15	Cllr Cilliers Brink , The Executive Mayor of City of Tshwane Municipality
09:45	Keynote Address by The Minister of COGTA	30	The Honourable Ms Thembu Nkadimeng
10:15	Keynote Address by The Minister of Electricity	30	The Honourable Dr Kgosiensho Ramokgopa
10:45	Address by The CEO, NERSA	30	Advocate Nomalanga Sithole , NERSA CEO
11:15	Announcement - Invitation for the AMEU Convention 2024 venue	10	AMEU Convention 2024 host
11:25	Honorary Membership Awards	20	Mr Jean Venter , AMEU General Secretary
11:45	Handover of AMEU Presidency chain/baton	15	Mr Jean Venter , AMEU General Secretary
12:00	Refreshment and exhibition viewing / Departure of spouses.		

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

12:30	PANEL DISCUSSION: The need for a 'prudent fit-for-purpose cost effective Balanced Just Energy Transition' ('BJET') and a reliable, safe and resilient national electricity grid to effectively and efficiently keep the lights on with special focus on the current SA national electricity crisis.	60	Panel Chair: Vally Padayachee, AMEU Strategic Adviser & Chair, NRS Association of SA Prof Pat Naidoo, UJ & ex Eskom Tx SGM and ex Eskom Board member Kadri Nassiep, ED[Energy], CoCTN & ex SANEDI CEO & ex Eskom Research Jose Correia, NRS Association of SA & NRS048-9 WG Chair At van der Merwe, SAIPPA & ex CENTLEC CEO Prof Wikus van Niekerk, University of Stellenbosch
13:00	Lunch and exhibition viewing		

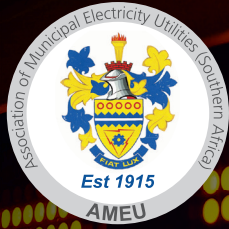
Session Chair: **Mr Rob Ferrier**, Buffalo City Metropolitan Municipality THEME 1 - ELECTRICITY GRID MANAGEMENT

14:00	Confronting South Africa's electricity crisis in the context of a 'balanced just energy transition' ('BJET') and the need for a reliable and resilient national electricity grid.	30	Ms Elmah Tsholofetso Mabuza , Kelvin Power Pty Ltd
14:30	Grids of the future - holding the key to faster energy transition	30	Mr Taru Madangombe , Schneider Electric



Confronting South Africa's Electricity Crisis in the context of a 'Balanced Just Energy Transition' (BJET) and the need for a reliable and resilient national electricity grid

15:00	Grid management systems - digitalization journey for electricity distributors	30	Ms Boitumelo Motaung & Ms Portia Zulu, ESKOM
15:30	Refreshments and exhibition viewing		
Session chair: Ms Nombulelo Zwane, Stellenbosch Municipality THEME 2 - DEMAND MANAGEMENT AND MARKETS			
16:00	Project smart geyser	30	Ms Zanele Hakamela, GIZ/Plentify/City of Cape Town
16:30	Markets in South Africa, the distribution energy trader	30	Ms Al'louise van Deventer, ESKOM
17:00	Day Adjournment		
17:15	Cocktail Function Hosted by The Executive Mayor of City of Tshwane at the Exhibition Area		
TUESDAY, 3 OCTOBER 2023			
07:30	Registration and Refreshments		
Session chair: Mr Nndwamato Tom Mutshidza, AMEU President INTRODUCTION TO DAY 2			
08:30	Keynote Address by Minister of DMRE	40	The Honourable Mr Gwede Mantashe
Panel chair: Ms Lomile Modiselle, WIE Chairperson			
09:10	Women-in-Electricity ("WiE") Programme	20	Lomile Modiselle, AMEU WiE Chairperson & Sheila Cele, Incoming AMEU WiE Chairperson
09:30	PANEL DISCUSSION: The Contribution of Young Female Professionals to the South African Energy Crisis and the Balanced Just Energy Transition"	40	Moderator: Ms Yolanda Mabuto, Divaine Growth Solutions Panelists: Ms Mvumikazi Vimbani, DMRE & Ms Palma Maluleke, City Power & Khanyisa Dyani, eThekweni Municipality
10:10	Refreshments and exhibition viewing		
Session chair: Ms Refilwe Mokgosi, Ekurhuleni Metropolitan Municipality THEME 3 - EMBEDDED GENERATION			
11:00	The City of Cape Town's Energy Strategy: What does it mean for the Just Energy Transition and Load shedding in the metro?	30	Leila Mahomed Weideman, Director, City of Cape Town
11:30	The journey of Bitou Local Municipality in accepting embedded generation on the distribution network	30	Mr Neziswa Xakata & Ms Senamile Sishi, Bitou Municipality
12:00	Challenges and successes of own build renewable energy plants: a case study in the City of Cape Town on Atlantis 10MW ground-mounted solar photovoltaic plant	30	Ms Marlyn Hendricks, National Metrology Institute of South Africa
12:30	Just how much embedded generation can be connected to your networks?	30	Mr Nilene Reitz, Digsilent Buyisa
13:00	Lunch and exhibition viewing		
Session chair: Mr Siyabulela Gqwede, City of Cape Town THEME 4 - ENABLING JET TECHNOLOGIES			
14:00	The benefits and limitations of Integrating green hydrogen into the South African electricity grid system	30	Mr Prime Nkundukize, City of Cape Town
14:30	Exhibition viewing		
15:00	Technology as an enabler for the distribution system operator and energy trader (DSO & DET)	30	Mr Ezzard de Lange, Eskom



Confronting South Africa's Electricity Crisis in the context of a 'Balanced Just Energy Transition' (BJET) and the need for a reliable and resilient national electricity grid

15:30	Electric vehicles in a balanced just energy transition	30	Mr Hiten Parmar , eMission, The Electric Mission
16:00	The ECSA standard on Identification of Engineering Work ("IDoEW") reserved for registered engineering persons	10	The Engineering Council of SA ("ECSA")
16:10	STSA Prepaid Meters TID Rollover 2024 Status	20	Don Taylor , Director, STSA
16:30	Day Adjournment		
18:00	Gala Dinner at Time Square, Menlyn Hosted by City of Tshwane Metro Municipality		

WEDNESDAY, 4 OCTOBER 2023

08:00 Registration and exhibition viewing

Session chair: Ms Jayshree Pershad, Immediate past AMEU President, eThekweni Metropolitan Municipality
INTRODUCTION TO DAY 3

THEME 5 - REVENUE MANAGEMENT

9:00	The 'dying'? Municipal electricity business - quo vadis?	30	Mr At van der Merwe , Energy Transaction Services
9:30	The impact of large-scale solar generation on utility revenue	30	Mr Noah S Fakude , City of Tshwane
10:00	The double-edged sword of LPU's energy transition: impacts on municipal revenue and cross-subsidization	30	Mr Thabang Moshote & Ms Melandri Steenkamp , Sustainable Energy Africa
10:30	Risk mitigating measures on lost opportunities due to electricity supply interruptions	30	Mr Mvuleni Bukula , Nelson Mandela University
11:00	Refreshments and exhibition viewing		

Session chair: Ms Jacqui Chauke, Lesedi Municipality

THEME 6 - COST OF SUPPLY AND WHEELING

11:30	Financial flows for an energy transition in local government	30	Ms Bathandwa Vazi , International Institute for Sustainable Development
12:00	A simplified cost of supply (CoS) and electricity tariff design approach for municipal electricity distributors in South Africa	30	Ms Sarisha Ojageer , Ricardo Energy and Environment
12:30	Building blocks for an effective "wheeling service"	30	Ms Terry Njuguna , Eskom
13:00	Lunch		

Session chair: Mr Nndwamato Tom Mutshidza, AMEU President
AMEU CONVENTION FORUM: ALL DELEGATES INVITED

14:00	<ul style="list-style-type: none"> Closing session AMEU Best Paper Award CIGRE Best Technical Paper Award Thank you message from the AMEU Affiliates Chair Thank you message from the partners Closing address from the AMEU President 		
-------	--	--	--