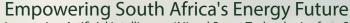


71st AMEU Convention 2025

East London ICC | 5 – 8 October 2025







	SUNDAY, 5 OCTOB	ER 202	25	
	Affiliates Sport	s Day		
10:30 – 13:00	Sports Day Activities	5 KM Hike @ Beacon Bay		
17:45 – 22:00	Sports Dinner	East London Golf Club		
	MONDAY, 6 OCTOR	BER 20	25	
07:00	Registration and refreshments			
09:00	Assembly & procession	5	EXCO & VIP	
	National anthem	5	BCMM Choral Choir	
	Prayer and scripture reading	5	Rev Pam Daweti	
09:15	Welcome by the AMEU President	10	Mr Nndwamato Tom Mutshidza, AMEU President	
09:30	Welcome by the Host, Buffalo City Metropolitan Municipality (BCMM)	15	The Executive Mayor Ms Princess Faku, Buffalo City Metropolitan Municipality	
09:45	Keynote Address by The Minister of COGTA	30	The Honourable Minister Mr Velenkosini Hlabisa	
10:15	Keynote Address by The Minister of Electricity and Energy	30	The Honourable Minister Dr Kgosientsho Ramokgopa	
10:45	Address by the CEO, NERSA	30	Adv Nomalanga Sithole	
11:15	Announcement - Invitation for the AMEU Convention 2026 venue	15	AMEU Convention 2026 host	
11:30	AMEU Honorary Membership Awards	20	Mr Jean Venter, AMEU General Secretary	
11:50	Handover of AMEU Presidency chain/baton	10	Mr Jean Venter, AMEU General Secretary	
12:00	Refreshment and exhibition viewing / Departure of s	pouses	s	
	INTRODUCTION T Session Chair: Rob Ferrier,			
12:30	PANEL DISCUSSION: "Harnessing AI and Smart Technologies: Transforming Electricity Utilities for a Prudent Fit-For-Purpose Balanced Just Energy Transition"	60	Facilitator: Professor Vally PADAYACHEE,	
			AMEU Strategic Advisor	
			Panellists: TBA	
	This panel session will explore the critical role of artificial intelligence and smart technologies in reshaping South Africa's energy landscape. The panel aims to inspire dialogue and collaboration among stakeholders to pave the way for a balanced and just energy future in South Africa.		Pallettistis. IDA	
13:00	Lunch and exhibition viewing			



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	Session Chair: Rob Ferrier, AM	EU Pres	sident & BCMM				
Smart grid innovations							
14:00	High Voltage Cable System Testing using AC Resonant Test System	30	Rendani Mutepe Aberdare Cables				
14:30	Data Farming in a Smart Low Voltage Distribution System	30	Noah Fakude City of Tshwane				
15:00	Powering tomorrow: Al-driven transformer maintenance and smart metering for a resilient and just South African energy future	30	Goodness Maziya Actom Smart Technologies				
15:30	Refreshments and exhibition viewing						
	Session Chair: Refilwe Mokgosi, AMEU Pa	st Presi	ident & City of Ekurhuleni				
	Collaboration across the	e energ	y sector				
16:00	Innovative Business Models for Scalable Smart Metering Implementation in Emerging Markets	30	Maruthi Mallealli Wirepas (Finland & India)				
16:30	The Benefits of using AI in capacity building and skills development in utilities	30	Shamir Newalani & Portia Zulu Eskom Distribution				
17:00	Day Adjournment						
17:15	Cocktail Function Hosted by The Executive Mayor of Buffalo City Municipality at the Exhibition Area						
	TUESDAY, 7 OCTO	BER 20	25				
07:30	Registration and Refreshments						
	INTRODUCTION T Session Chair: Rob Ferrier,						
08:00	Women-in-Electricity (WiE) Programme	30	Sheila Cele AMEU WiE Chairperson				
08:30	WIE PANEL DISCUSSION	30	Coordinated by The AMEU WiE Committee				
09:00	Equitable Energy Access in Grid Modernization: Frameworks for Justice-Centred Utility Transformation	30	Sindisiwe Shozi & Bhekani Hadebe eThekwini Municipality				
09:30	Refreshments and exhibition viewing						
	Session Chair: Siyabulela, GQWEDE	, AMEL	J Deputy President				
	BJETfor electricit	y utiliti	es				
10:00	The critical role of well governed and balanced electricity wheeling in enabling energy security, reliability and industry sustainability.	30	Prof Vally Padayachee & Terry Njuguna AMEU Strategic Advisor & Eskom Dx				
10:30	Exhibition Viewing	30					
11:00	Lessons learned from installing 1MW rooftop PV and how to improve the system.	30	Sy Gourrah Actom				
11:30	SSEG and service connection online app	30	Ismail Jefferies City of Cape Town				
12:00	Lunch and exhibition viewing						

Session Chair: Veer RAMNARIAN, AMEU EXCO and SAIEE PRESIDENT							
Data-driven decision making							
13:00	Machine Learning Model Development for Predictive Maintenance in Industrial Robotics	30	Phathutshedzo Benedict Mathivha University of JHB				
13:30	The critical role of the electricity grid stability renewables to non-renewables "sweet spot ratio" in ensuring the reliability and resilience of the national electricity grid to prevent it from going into total grid collapse and total blackout	30	Prof Vally Padayachee AMEU Strategic Advisor				
14:30	Using AI, digitalization and analytics for improved service delivery and customer relations opportunities in South Africa's wholesale electricity market	30	Dr Mark Bedser Eskom				
15:00	Smart substations for smart grids: pioneering digital protection in Namibia	30	Herman Mare Actom				
15:30	Day Adjournment						
18:00	Gala Dinner Hosted by the Buffalo City Metropolitan Municipality (BCMM)						
00.00	WEDNESDAY, 8 OCTO	OBER 2	2 025				
08:00	Registration and exhibition viewing						
INTRODUCTION TO DAY 3 Session Chair: Ms Leila Mahomed Weideman, Chairperson AMEU JET Committee							
	Cost-effective AI and cybersecurity solu	tions i	n smart energy systems				
8:30	Mitigating Cybersecurity Threats in Smart Metering Infrastructure Through Standard Security Frameworks	30	Shawn Papi Eskom Research, Testing & Development Business Unit				
9:00	Towards a Self-Aware & Self-Healing Network	30	Willie van Wyk CT Lab				
9:30	Artificial Intelligence Powered Energy Theft Detection	30	Simphiwe Ntlela Msunduzi Municipality				
10:00	Future municipal networks	30	Geeven Moodley Digsilent Buyisa				
10:30	The Role of Municipalities in a Liberalised Electricity Sector: Challenges and Opportunities in South Africa's Wholesale Electricity Market	30	Mmaphuthi Nkwana GLS Consulting				
11:00	Refreshments and exhibition viewing						
	Session Chair: Ms Keseree Rajoo, Cha	irpers	on, AMEU Affiliates				
	Service delivery and cust	omer r	relations				
11:30	Reflections on co-designing a solar public lighting pilot in Marikana informal settlement, Cape Town	30	Thandeka Tshabalala City of Cape Town				
12:00	Eskom Distribution Agency Agreement (DAA)	30	Mpumelelo Mnyani Eskom				
12:30	Collaborative Digital Innovation Ecosystems for Just Energy Transition	30	Phatudi Malepe University of the Witwatersrand				
13:00	Lunch						
	Session Chair: Rob Ferrier, A						
	Convention forum: All de	legate	es 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						