



67th AMEU
Convention 2021

10 – 12 November 2021

**IMPLEMENTING SUSTAINABLE CUSTOMER
CENTRIC ELECTRICITY UTILITIES IN THE 4TH AND
5TH INDUSTRIAL REVOLUTION**

Virtual Convention

PROGRAMME



Hosted by
eThekweni
Metropolitan
Municipality

WEDNESDAY, 10 NOVEMBER 2021

SESSION 1 CONVENTION OPENING FORMALITIES

08:30	National anthem
08:40	Opening Prayer , Jonathan Hunsley, eThekweni Metro Electricity Department
08:45	Welcome by the AMEU President , Ms Refilwe Mokgosi: President - AMEU
09:00	Welcome by host: Mayor of eThekweni Metropolitan Municipality , Cllr Mxolisi Thomas Kaunda, Play recording
09:15	Keynote address , Hon Dr Nkosazana Dlamini-Zuma, The Honourable Minister of CoGTA
09:45	Welcome address by SALGA CEO , Mr Xolile George
10:15	Valedictory and handover of AMEU Presidency
	Venue Announcement 2022
	Honorary Membership Awards , Mr Jean Venter, AMEU General Secretary
10:45 - 11:00	Women in Electricity Feedback and Hand over to the new WIE Chairperson , Punkie Majola and Lomille Modiselle
11:00 - 13:20	Virtual meeting with the Affiliates

SESSION 2 STRATEGIC INITIATIVES

Session Chair: Ms Jayshree Pershad, AMEU, Incoming AMEU President

13:20	AMEU President's Legacy Project Award 2021 Top Performing Metropolitan Municipality (Category A Municipality)
13:25	AMEU President's Legacy Project Award 2021 Top Performing Local Municipality (Category B Municipality)
13:30	A proposed Strategic Framework for implementing the Just Energy Transition ("JET") in South Africa municipal electricity utilities , Paul Vermeulen, City Power Johannesburg, Leila Mahomed Weideman, City of Cape Town, and Vally Padayachee, AMEU Strategic Adviser
14:00	Supporting the municipal energy transition through applied research and development , Dr Clinton Carter Brown, CSIR
14:30	Creating the utility of the future through innovative public engagement in the City of Cape Town , Mary Haw, City of Cape Town
15:00	Reforms in Local Government Planning and the implication for service delivery implementors: The eThekweni District Development Model (DDM) case study , Puvendra Akkiah, eThekweni Metro
15:30	Proposed new business models in the power Dx sector - A new thinking, a new approach to business models in the EDI/ESI , Vally Padayachee, AMEU Strategic Adviser
16:00	Understanding South Africa's independent power procurement programme in terms of technology, finance and investments , Prof Pat Naidoo, University of Johannesburg

THURSDAY, 11 NOVEMBER 2021

SESSION 3 INFRASTRUCTURE ASSET AND REVENUE MANAGEMENT

Session Chair: Sam Lelope, AMEU, President Elect

09:00	Revenue protection through systemic management of the energy use of internal municipal operations , Jesper Vauvert, GIZ
09:30	SSEG grid impact assessments support for municipalities project report: Development of a hosting capacity tool method for South African Municipalities , Lindokuhle Mbatha, CSIR
10:00	A practical approach to asset management in municipalities , Amar Jaykaran, SANEDI and University of Pretoria

10:30	Digital distribution transformers – A smart and economical way to manage the LV network, Bhaba Das, Hitachi-ABB
11:00	Carbon neutral by 2050: what does this mean for municipal electricity distributors? Lesley Sibanda; Sustainable Energy Africa
11:30	AMEU President's Legacy Project Award 2021 Top Supporting Affiliate (> ZAR 50 million turnover)
11:45	AMEU President's Legacy Project Award 2021 Top Supporting Affiliate (<ZAR 50 million turnover)
12:00 - 14:00	Virtual meeting with the Affiliates

SESSION 4 TECHNOLOGY AND INNOVATION (1)

Session Chair: Nombulelo Zwane, Stellenbosch Municipality

14:00	Using 4IR technology to transform South African geysers into intelligent grid assets, Kailas Nair, Plentify
14:30	A guide to performing a simplified municipal cost of supply study, Josh Dippenaar, Sustainable Energy Africa
15:00	Electric vehicles within the landscape of the energy sector, Hiten Parmar; uYilo eMobility Programme
15:30	The City of Cape Town's Project, Program and Portfolio Management Strategy, Ben Peters; City of Cape Town

FRIDAY, 12 NOVEMBER 2021

SESSION 5 TECHNOLOGY AND INNOVATION (2)

Session Chair: Dr Les Rencontre, City of Cape Town

09:00	Investigations into high temperature combustion of municipal solid waste for manufacturing green electricity, Prof Pat Naidoo, University of Johannesburg
09:30	TID 2024 Rollover, Don Taylor, STSA Evolution of STS into smart metering, Riccardo Pucci
10:00	Power transformer diagnosis and maintenance: To test or not to test? Alexander Dierks; Alectrix
10:30	Cyber security intrusion detection for station and process bus applications in substations: Challenges, experiences and case studies, Andreas Klien; Alectrix
11:00	From ballast to brains, the LED driver as key component for the realisation of smart street lighting, Henk Rotman, Tridonic
11:30	Managing the rapidly growing electric vehicle load on distribution networks, Josh Dipenaar
12:00	AMEU President's Legacy Project Award 2021 Top Performing Woman In Electricity (Municipal Utilities only)
12:15 - 14:15	Virtual meetings with Affiliates

CLOSING SESSION 6

Session Chair: Ms Jayshree Pershad, AMEU President

14:15	<ul style="list-style-type: none"> • Closing session • Thank you message from the AMEU • Affiliates Chair message • AMEU best paper award • CIGRE award • Closing address from the AMEU President
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