



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

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

- 08:30 **National anthem**, Crawford College
- 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
- 09:15 **Keynote address**, The Hon Dr Nkosazana Dlamini-Zuma
- 09:45 **Address by the CEO**, NERSA
- 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 ("WiE") feedback**, Punkie Majola, WiE chairperson
- 11:00 - 13:00 Virtual meeting with the Affiliates

SESSION 2 STRATEGIC INITIATIVES

- 13:00 **AMEU President's Legacy Project Award 2021**
Top Performing Metropolitan Municipality (Category A Municipality)
- 13:15 **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
- 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
- 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, Jon Kornik, 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? Herman Viljoen/Alexander Dierks; Alectrix
10:30	Cyber security intrusion detection for station and process bus applications in substations: Challenges, experiences and case studies, Andreas Klien/Riaan Louw; 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, Mokgadi Mogemba, City Power
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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