



**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

08:30	<b>National anthem</b> , Crawford College
08:40	<b>Prayer and scripture reading</b>
08:45	<b>Welcome by the AMEU President</b> , Ms Refilwe Mokgosi: President - AMEU
09:00	<b>Welcome by host: Mayor of eThekweni Metropolitan Municipality</b> , Cllr Mxolisi Thomas Kaunda
09:15	<b>Keynote address</b> , The Hon Dr Nkosazana Dlamini-Zuma
09:45	<b>Address by the CEO</b> , NERSA
10:15	<b>Valedictory &amp; handover of AMEU Presidency</b>
	<b>Invitation – Venue Announcement 2022</b>
	<b>Honorary Membership Awards</b> , Mr Jean Venter, AMEU General Secretary
10:45 -13:00	Virtual meeting with the Affiliates
	<b>SESSION CHAIR:</b> MS JAYSHREE PERSHAD, AMEU, Incoming AMEU President

### SESSION 2 STRATEGIC INITIATIVES

13:00	<b>AMEU President's Legacy Project Award 2021</b> Top Performing Metropolitan Municipality (Category A Municipality)
13:15	<b>AMEU President's Legacy Project Award 2021</b> Top Performing Local Municipality (Category B Municipality)
13:30	<b>A proposed Strategic Framework for implementing the Just Energy Transition ("JET") in SA municipal electricity utilities</b> , Paul Vermeulen, Cty Power JHB, Leila Mahomed Weideman, CoCTN, and Vally Padayachee, AMEU Strategic Adviser
14:00	<b>Supporting the municipal energy transition through applied research and development</b> , Dr Clinton Carter Brown, Head, Energy Center, CSIR
14:30	<b>Creating the utility of the future through innovative public engagement in the City of Cape Town</b> , Mary Haw, CoCTN
15:00	<b>Reforms in Local Government Planning and the implication for Service Delivery Implementors: The eThekweni District Development Model(DDM) Case Study</b> , Puvendra Akkiah, Strategic Management, eThekweni Metro
15:30	<b>Proposed New Business Models in the Power Dx Sector - A new thinking, a new approach to business models in the EDI/ESI</b> , Vally Padayachee, AMEU Strategic Adviser
16:00	<b>Understanding South Africa's independent power procurement programme in terms of technology, finance and investments</b> , Prof Pat Naidoo, UJ

## THURSDAY, 11 NOVEMBER 2021

**SESSION CHAIR:** SAM LELOPE, AMEU PRESIDENT ELECT

### SESSION 3 INFRASTRUCTURE ASSET AND REVENUE MANAGEMENT

09:00	<b>Revenue protection through systemic management of the energy use of internal municipal operations</b> , Jesper Vauvert, GIZ
09:30	<b>SSEG Grid Impact Assessments Support for Municipalities project report: Development of a Hosting Capacity Tool method for South African Municipalities</b> , Lindokuhle Mbatha, CSIR
10:00	<b>A Practical Approach to Asset Management in Municipalities</b> , Amar Jaykaran, SANEDI & Univ. of Pretoria

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

### SESSION 4 TECHNOLOGY AND INNOVATION (1)

14:00	<b>Using 4IR technology to transform South African geysers into intelligent grid assets</b> <b>Municipalities face a variety of challenges that threaten their financial viability,</b> Jon Kornik, Plentify
14:30	<b>A Guide to Performing a Simplified Municipal Cost of Supply Study,</b> Josh Dippenaar, SEA
15:00	<b>Electric Vehicles within the landscape of the Energy Sector,</b> Hiten Parmar; uYilo eMobility Programme
15:30	<b>The City of Cape Town's Project, Program and Portfolio Management Strategy,</b> Ben Peters; City of Cape Town

### FRIDAY, 12 NOVEMBER 2021

**SESSION CHAIR:** Dr Les Rencontre, CoCTN

### SESSION 5 TECHNOLOGY AND INNOVATION (2)

09:00	<b>Investigations into high temperature combustion of municipal solid waste for manufacturing green electricity,</b> Prof Pat Naidoo, UJ
09:30	<b>TID 2024 Rollover,</b> Don Taylor, STSA <b>Evolution of STS into Smart Metering,</b> Riccardo Pucci
10:00	<b>Power Transformer Diagnosis and Maintenance: To test OR not to test?</b> Herman Viljoen/Alexander Dierks; Alectrix (Pty) Ltd
10:30	<b>Cyber Security Intrusion Detection for Station and Process Bus Applications in Substations: Challenges, Experiences and Case Studies,</b> Andreas Klien/Riaan Louw; Alectrix (Pty) Ltd
11:00	<b>From ballast to brains, the LED driver as key component for the realization of smart street lighting,</b> Henk Rotman, Tridonic
11:30	<b>Managing the rapidly growing electric vehicle load on distribution networks,</b> Mokgadi Mogemba, City Power
12:00	<b>AMEU President's Legacy Project Award 2021</b> Top Performing Woman In Electricity (Utilities Municipalities Only)
12:15 -14:15	Exhibitors

**SESSION CHAIR:** Ms Jayshree Pershad, AMEU President

### CLOSING SESSION 6

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