

"MUNICIPAL POWER: PIONEERING THE FUTURE OF SOUTH AFRICA'S ELECTRICITY ENERGY MARKET AS PER THE ERAA"

CALL FOR PAPERS

Sub-Themes

01 The Role of Artificial Intelligence (AI)

- Leveraging AI for electricity energy efficiency in municipal operations.
- Predictive analytics and smart grid integration.

03 Localisation of Energy Solutions

- Promoting local energy production and consumption.
- Empowering communities with decentralized energy systems.

05 Just Energy Transition (JET) in a Electricity Energy Market

- Ensuring equitable access to electricity energy transition benefits.
- Role of municipalities in facilitating community-driven energy initiatives.

07 Municipal Revenue Management in the Evolving Energy Market

- Strategies for optimizing revenue streams for municipalities .
- Effective billing and collection systems to enhance financial sustainability in this evolving energy market

09 Role of Traders, Independent Power Producers (IPPs), Aggregators & Prosumers

- Interactions and collaborations with municipalities in this new electricity energy market space.
- Exploring the potential impacts of distributed generation and consumer participation on municipal energy strategies.

11 Cybersecurity and data protection within smart energy systems.

- Increasing reliance on digital platforms, automation, and AI across municipal operations.

13 Risk mitigation strategies for vandalism, theft, and infrastructure resilience.

02 Electricity Municipal Grid Management: Evolution to Efficient Grid Management

- Modernizing grid infrastructure for reliability and resilience.
- Strategies for seamless integration of renewable energy sources.

04 Adoption of Smart Technologies

- Implementing smart meters and automation for operational efficiency.
- Harnessing IoT for real-time monitoring and control of electricity energy systems.

06 Capacity Building for Municipalities Operating In An Electricity Energy Market

- Training and development programmes for energy professionals.
- Collaborative frameworks for knowledge sharing among municipalities.

08 Impact of the Electricity Regulation Amendment Act (ERAA)

- Empowering municipalities to participate effectively and efficiently in the new electricity energy market.
- Analysing the implications of the ERAA for municipal electricity energy governance and operations.

10 Strengthening municipal state of readiness for the transition to the new electricity energy market structure

- A focus Including practical case studies from municipalities that have begun internal restructuring or system upgrades.

12 Exploration of municipal private sector partnership models in the new electricity energy market

- that can accelerate infrastructure rollout,
- capacity building, and
- innovation within the evolving energy landscape.

Submission Deadline: 26 June 2026



The AMEU invites interested prospective presenters to submit PRESENTATIONS OR PAPERS ABSTRACTS for the upcoming AMEU 2026 Conference, focusing on the vital role of municipalities in the evolving South African energy market, which will undergo major changes starting 1 April 2026 in the creation of the electricity energy market. This conference seeks to explore innovative solutions, strategies, and technologies that empower municipalities to lead in this evolving electricity energy market landscape to enhance its service delivery mandate. Authors of accepted abstracts will be expected to submit their full papers by 31 July 2026.