



The 2019 General Meeting and PIESA-IERE South Africa Forum

Electricity & the 4th Industrial Revolution – an Africa perspective

PIESA and IERE TIS activities

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Who is PIESA ? (1)

The Power Institute for East and Southern Africa (**PIESA**) is a voluntary regional electricity industry association established in 1998 to facilitate and coordinate the sharing of information and technology in the specialised areas of:

- Technology and engineering support;
- Applied research;
- Standardisation;
- Environmental management; and
- Technical development and training

Who is PIESA ? (2)

PIESA aims to be the catalyst for sustainable regional technological cooperation in expanding the electricity distribution industry for regional growth and development by:

- Encouraging participation by all regional electricity distributors and supporting industries;
- Compiling, optimising and maintaining integrated information systems for technology related to the distribution of electricity including technical equipment specifications and codes of practice that are appropriate for the regional environment;
- Providing a mechanism for continuously capturing the experiences of members in order to improve efficiency;
- Encouraging the use of local resources and manufacture of equipment for use in the distribution industry;

Who is PIESA ? (3)

PIESA aims to be the catalyst for sustainable regional technological cooperation in expanding the electricity distribution industry for regional growth and development by:

- Promoting applied research in areas that are relevant to the effective performance of members;
- Fostering a culture of technology transfer and skills development among the members;
- Developing strategic alliances and partnerships with other related organisations involved in or with the electricity distribution industry.

Who is PIESA ? (4)

- In a nutshell, PIESA aims to improve electrification in East and Southern Africa through sharing information, research, technology, skills and experiences for the benefit of customers and suppliers in the electricity distribution industry.
- The main focus is on technical rationalisation to achieve economies of scale with local manufacturers in an effort to enhance electrification in the region.

PIESA's core activities

PIESA's core activities are conducted through its four Advisory Committees:

- Electrification
- Non-Technical Loss Reduction
- Environmental and Safety Management
- Standardisation.

PIESA's current focus areas

As the PIEASA, we will still continue to focus our strategies, projects, etc including the following:

- Training and development
- Cost effective renewable technologies
- Block chains (NOT bitcoins) but focus on smart contracts, etc
- Microgrids

IERE – TIS Project (1)

- **For FY2018/2019** the USD 7800 was initially allocated by IERE as part of a packaged USD 10 000 grant to PIESA to facilitate and continue a **solar PV project in Northern Uganda**
- However as PIESA we had reported to IERE, due to a deterioration in the security conditions in Northern Uganda at the time that it was unsafe to continue the said solar PV project in Northern Uganda
- Only USD 2200 of the original USD 10 000 was already utilized by then – it was then and with the concurrence of IERE to utilize the balance of the USD 10 000 grant funds i.e. USD 7800 for relevant training and development for the benefit of PIESA member countries

IERE – TIS Project (2)

- The IERE funding was then utilized for Training & Development purposes i.e. a Dx Utility Management Course that was held for PIESA countries membership delegates in Johannesburg, SA on 25 and 26 February 2019
- For **FY2019/2020** we've requested a further USD 10000 grant funding from IERE to continue with the aforementioned training and development



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Thank you