

Standardization Workgroup

Emperors Palace- Johannesburg

Board Feedback

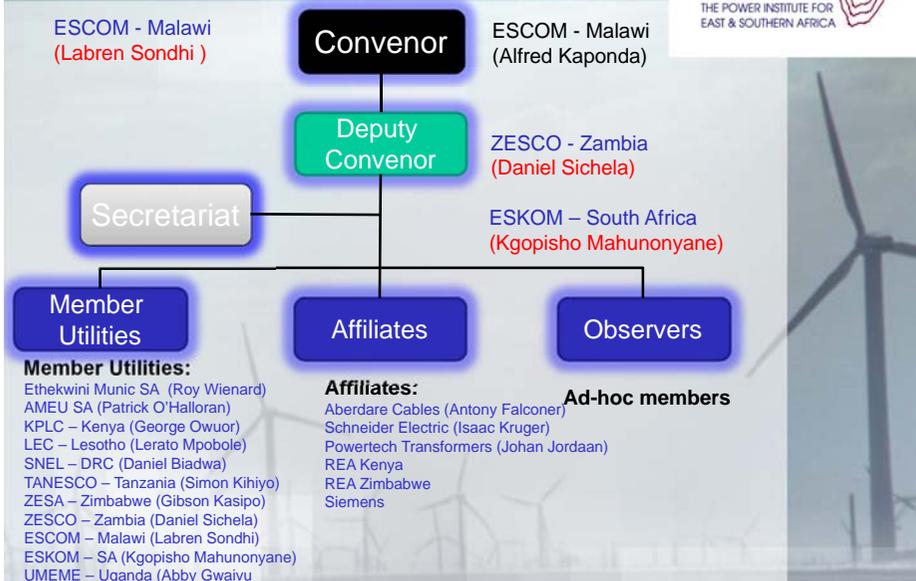
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Date: 18 October 2012

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New standardization governance structure



Scope of the workgroup

- The standardization workgroup shall operate within the confines of East and Southern Africa. This includes proposing common standards to be used in East and Southern African countries who are members of PIESA. The aim is to ensure that these standards are harmonised and integrated throughout the region and beyond.

Terms of reference

- Give feedback on usage of standards;
- Facilitate the formulation and review of harmonized standards, as indicated by member utilities commitment to implement in their entities;
- Develop and maintain the mechanism for publication of approved documents via an authoritative regional entity;
- Promote awareness of standards and Ensure that a master index of approved documents is maintained;
- Maintain links with local, regional, continental and international standards entities and organizations similarly concerned with standardisation to facilitate access to standards;
- Facilitate knowledge transfer and training needs by establishing a network of Centres of Excellence.

Achievements of the workgroup

- Final document management process has been accepted by members;
- A new “wiki” web based system available for use for management of documents;
- 24 standards have been developed; e.g....
 - PIESA 1001 (wood pole);
 - PIESA 1002 (Distribution cutouts);
 - PIESA 1006-1 (Pole mounted TRFR's);
 - PIESA 1007 (Stays and stay assemblies);
 - PIESA 1008 (XLPE insulated cables);
 - PIESA 1010 (Metalclad switchgear);
 - PIESA 1012 (Cable termination and live conductors within air-insulated enclosures).
 - PIESA 1048 (Electricity supply — Quality of supply voltage characteristics, compatibility levels, limits and assessment methods)
- 14 standards identified for harmonization;

Usage of PIESA standards by member countries

- ZESCO, reported to use PIESA 002 (cutouts), PIESA 1001(woodpole), PIESA 1006 (pole mounted TRFR's), PIESA 1062/1063;
- ESCOM, reported to use PIESA 1062/1063 (concentric and split concentric cables), PIESA 1006 (pole mounted TRFR's);
- AMEU and Eskom, use NRS specification which PIESA specifications are based on;
- LEC, reported on the usage of PIESA 1010 (metalclad switchgear), AMEU,NRS.

Action plans

Activity	Main steps	Status	Primary responsibility	Support from
Develop harmonized standards, as indicated by member utilities commitment to implement in their entities.	The specifications published by the NRS project in RSA as the basic pool from which specifications are drawn as a basis for the development of a PIESA specification. Where a need for a specification is perceived for something not in the NRS Bulletin, a suitable national or international basis should be found for the development of a regional (PIESA) specification.	Ongoing	Stds WG	
	Involve local manufactures in the development of PIESA standards to encourage the use of local resources and manufacture of equipment for use in the distribution industry	Ongoing	Stds WG	Affiliate members
	Draft harmonized standards in collaboration with relevant national and regional entities.	Ongoing	Stds WG	SADCSTAN
	Maintain the mechanism for publication, numbering and presentation of published documents.	ongoing	Stds WG	SANS
	Submit finalized standards to the PIESA Board for approval.	Ongoing/Done	Stds WG	Secretariat
	Ensure published standards are posted on the PIESA website.	ongoing/Done	Stds WG	Secretariat

Action plans cont...

Activity	Main steps	Status	Primary responsibility	Support from
Develop energy saving initiatives	EThekweni munic to distribute draft approved strategy document to standardisation workgroup Make document generic for PIESA member countries requirements	Done	Stds WG	Ethikweni Munic/WG members
Maintain the mechanism for publication of approved documents via an authoritative regional entity.	Ensure published standards are available via an authoritative regional entity.	ongoing	Stds WG	SADCSTAN
Maintain a master index of approved documents.	Ensure that index to published standards is posted on the PIESA website.	Done	Stds WG	Secretariat
Develop and maintain links with local, regional, continental and international standards entities and organizations similarly concerned with standardisation.	Negotiate and enter into formal collaborative arrangements with e.g.: SADCSTAN, UPDEA, AFSEC, ARSO.	ongoing	PIESA Board/Stds WG	Secretariat

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Affiliates Commitment

- The manufactures have indicated their willingness to share experiences and/or relevant information regarding the products they manufacture by:
 - On site training (factory);
 - Unpacking of reference specification to understand the correlation with the manufacturing;

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PIESA - General meeting

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Training Needs (2012-13)

- Part 1: Demand side management overview (Feb 2013)**
 - Venue: Proposed Durban SA
 - Host: Durban AMEU
- Part 2: Energy efficiency with a special focus on solar water heaters and CFL's (Feb 2013)**
 - Venue: Proposed Durban SA
- Costs: R300,000**
 - refreshments, training material;
 - Accommodation, travel? Board decision;
 - DVD of the training? Board decision;
- Target no:**
 - 30 delegates;

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Budget requirements 2012/13 – 2013/14

- Training needs for 2012/13:
 - DSM (including solar water geysers and CFLs) training – R300,000
- Training needs for 2013/14:
 - Standardization training - R55,000;
- Meetings and Conferences (3 per annum); R90,000

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Request for approval

- The standardization workgroup hereby request the board of PIEASA to approve the following:
 - The members proposed a meeting for consolidation of all 14 standards to be held in SA Durban in February 2013;
 - This meeting will follow directly after the proposed DSM course/workshop to be presented by Ethekewini Municipality.

**Thanks For your
Attention**