



## THE ASSOCIATION OF MUNICIPAL ELECTRICITY UTILITIES (SOUTHERN AFRICA)

### GOOD HOPE BRANCH / GOEIE HOOP-TAK

**MINUTES OF THE 202<sup>ND</sup> GENERAL MEETING OF THE AMEU AFFILIATES/GOOD HOPE BRANCH OF THE ASSOCIATION OF MUNICIPAL ELECTRICITY UTILITIES (SOUTHERN AFRICA) HELD AT DIE PLAASKOMBUIS @ HEMEL EN AARDE, HERMANUS ON FRIDAY 16 FEBRUARY 2018 AT 09:00.**

**NOTULE VAN DIE 202<sup>STE</sup> ALGEMENE VERGADERING VAN DIE VMEU-GEAFFILLIEERDES/GOEIE HOOP-TAK VAN DIE VERENIGING VAN MUNISIPALE ELEKTRISITEITSONDERNEMINGS (SUIDELIKE AFRIKA) WAT OP VRYDAG, 16 FEBRUARIE 2018 OM 09:00 BY DIE PLAASKOMBUIS @ HEMEL EN AARDE, HERMANUS GEHOU IS.**

#### **ATTENDANCE / BYWONING**

##### **MEMBERS / LEDE**

SA Cooper (Steve)	- Cape Agulhas (stevec@capeagulhas.gov.za)
GS Stopford (Greg)	- Cape Town (greg.stopford@capetown.gov.za)
K Stober (Keith)	- Cape Town (keith.stober@capetown.gov.za)
S Gqwede (Siyabulela) Vice Chairman	- Cape Town (siyabulela.gqwede@capetown.gov.za)
PG de Vries (Paul)	- Drakenstein (paul@drakenstein.gov.za)
JS Coelho (Joe)	- Eskom (coelhoj@eskom.co.za)
Cllr E Bussack	- George (ecbussack@george.gov.za)
J Lesch (Justin)	- Hessequa (justin@hessequa.gov.za)
MJ Rhode (Michael)	- Knysna (directortechical@knysna.gov.za)
CJ Vorster (Chris)	- Langeberg (cvorster@langeberg.gov.za)
CJ Greeff (Corrie)	- Oudsthoorn (corrie@oudtmun.co.za)
D Maree (Danie)	- Overstrand (dmaree@overstrand.gov.za)
JH du Plessis (Kobus)	- Overstrand (kduplessis@overstrand.gov.za)
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J du Plessis (Johan) Chairman	- Saldanha Bay (johan.duplessis@sbm.gov.za)
R Bindeman (Rens)	- SARPA (rens@mweb.co.za)
N Zwane (Nombulelo)	- Stellenbosch (nombulelo.zwane@stellenbosch.gov.za)
T F Rossouw (Tom)	- Swartland (rossouw@swartland.org.za)
F Erasmus (Frik)	- Swellendam (frik@swellenmun.co.za)
M Redelinghuys (Marius)	- Theewaterskloof (mariusre@twk.org.za)
P van den Heever (Pierre)	- Witzenberg (pierre@witzenberg.gov.za)

##### **AFFILIATES / AFFILIATE**

A Hugo (Andre)	- ABB SA (Pty) Ltd (adriaan.hugo@za.abb.com)
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M Tyszowiecki (Mike)	- Patch Industrial Supplies - Masterlock (patch@worldonline.co.za)
D Claassen (Darren)	- PBS (darren@docpbs.co.za)
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C Erasmus (Carel)	- Power Matla Innolumis (c.erasmus@powermatlainnolumis.com)
G Ferguson (Greg)	- Power Process Systems (greg@ppspower.co.za)
L Bezuidenhout (Louis)	- Powercomm Solutions (louis@powercommsolutions.co.za)
T Mahakalo (Temba)	- Powertec Transformers
L Bezuidenhout (Louis)	- Powertel Solutions (sales@powertelsolutions.com)
G Schaufelbuhl (Greg)	- Progressive Energy (greg@progressive-energy.co.za)
A Fourie (Anton)	- Schneider Electric (anton.fourie@za.schneider-electric.com)

JS Visser (Jacques)	-	Schneider Electric (jacques.visser@schneider-electric.com)
R Swartz (Rodney)	-	Siemens (rodney.swartz@siemens.com)
D Huang (David)	-	SZZT (michellesztt@gmail.com)
IV Smith (Ian)	-	Tank Industries (ian.smith@tank.co.za)
K van Eeden (Kobus)	-	Tank Industries (kobus.vaneeden@tank.co.za)
G Smit (Gareth)	-	Tractionel Enterprise (gareths@traction.co.za)

## **RETIRED MEMBERS**

J Renney (Joe)	-	Honorary member (joerenney151@gmail.com)
J Pereira (Jorge)	-	Honorary member (jorgepereira43@yahoo.co.za)
N Ballantyne (Neil) Secretary	-	Honorary member (nballantyne@cybersmart.co.za)
P van Niekerk (Paul)	-	Honorary member (Paulvn@telkomsa.net)
LR Richardson (Len)	-	Honorary member (richardsonlr@telkomsa.net)
AG Wearne (Archie)	-	Retired member (awearne@telkomsa.net)
FJC Koegelenberg (Floris)	-	Retired member (floriskoegelenberg@gmail.com)

## **1. OPENING AND WELCOME / OPENING EN VERWELKOMING**

The Chairman welcomed all to the meeting and introduced the Director from the Overstrand Municipality, Steven Muller, who welcomed all to Hermanus and addressed the meeting.

### **1.2 Arrangements/Reëlings**

Gareth Smit gave details of the arrangements for the tea break at 10:30 and a lunch which will be held at about 13:00.

### **1.3 Acknowledgments/Bedankings**

The Chairman thanked the Overstrand Municipality and staff, and Gareth Smit for all the arrangements for the meeting, and Die Plaaskombuis @ Hemel En Aarde for the use of their facilities for the meeting. He also thanked all the Affiliates for their generous sponsorship which makes these meetings possible.

### **1.4 Announcements/Aankondigings**

The Secretary passed on greetings from Peter Fowles, who now lives in Florida USA. The Good Hope Branch sends Peter their greetings and wishes him a speedy recovery to 100% health following surgery he had in December.

The Chairman reported on the very good attendance statistics for the AMEU Good Hope Branch for 2017. This Branch is truly alive and doing well!!

## **2. APOLOGIES / VERSKONINGS**

N Rossouw (Neels)	-	Bergrivier (rossouwn@bergmun.org.za)
JJ van Zyl (Jac)	-	Cederberg (vanzylj@cederbergraad.co.za)
M Botha (Michael)	-	Institute of Municipal Engineers of Southern Africa (S Cape Branch) (mabotha@lantic.net)
D Engelbrecht (Deon)	-	Matzikama (Vredendal) (engelbrechtd@matzikamamun.co.za)
FH du Toit (Francois)	-	Theewaterskloof (francoisdu@twk.org.za)

JP van Niekerk (Johannes)	- Theewaterskloof (johannesva@twk.org.za)
TA Duncan (Thursdon)	- Electrical Contractors' Association (SA) (eact@iafrica.com)
N Randall (Neville)	- Eya Bantu Professional Services (neville@eya-bantu.co.za)
D Tarr (Dave)	- Landis & Gyr (dave.tarr@landisgyr.com)
L Juku (Lawrence)	- Landis & Gyr (lawrence.juku@landisgyr.com)
A Venter (Andries)	- Motla (andriesv@motla.co.za)
G Louis (Grant)	- Motla (grantl@motla.co.za)
JH Götze (Hugo)	- Motla (hugog@motla.co.za)
J Mtimkulu (Joyce)	- Motla (joycem@motla.co.za)
L Reynders (Leon)	- Optron (lreynders@optron.com)
T Drake (Terence)	- PM&D (terenced@powermeasurement.co.za)
M Huang (Michelle)	- SZTZ (michellesztt@gmail.com)
JJG Nel (Johan)	- Honorary member (neljjg@gmail.com)

### 3. **CHANGE OF ADDRESS / ADRESVERANDERING**

Floris Koegelenberg has finally retired! The Branch wishes him a long and healthy retirement.

### 4. **CONFIRMATION OF THE MINUTES OF THE AMEU AFFILIATES / GOOD HOPE BRANCH'S 201<sup>ST</sup> GENERAL MEETING HELD AT THE BRENTON ON SEA MUNICIPAL HALL, KNYSNA ON THURSDAY 9 NOVEMBER 2017 AT 14:00 AND FRIDAY 10 NOVEMBER 2017 AT 09:00.**

**BEKRAGTIGING VAN DIE NOTULE VAN DIE VMEO-GEAFFILLIEERDES / GOEIE HOOP-TAK 201<sup>STE</sup> ALGEMENE VERGADERING GEHOU OP DONDERDAG, 9 NOVEMBER 2017 OM 14:00 EN VRYDAG, 10 NOVEMBER 2017 OM 09:00 BY DIE BRENTON ON SEA MUNISIPALE SAAL, KNYSNA.**

- 4.1 Copies of the minutes of meeting had been circulated to all members.
- 4.2 Correction: The second paragraph under item 11, on page 8, must be deleted.
- 4.3 The minutes were adopted by the meeting.

### 5. **MATTERS ARISING FROM THE MINUTES AND NOT ON THE AGENDA SAKE VOORTSPRUITEND UIT DIE NOTULE EN NIE OP DIE AGENDA NIE**

None

### 6. **ADDITIONAL ITEMS TO BE DISCUSSED UNDER ITEM 16 BYKOMENDE ITEMS VIR BESPREKING UNDER ITEM 16**

None.

### 7. **CORRESPONDENCE / KORRESPONDENSIE**

None

### 8. **PRESENTATIONS BY AFFILIATES / AANBIEDINGS DEUR GEAFFILIEERDES**

#### 1. "Future Trends on MV Switchgear" - Anton Fourie - Schneider Electric (See presentation 8-1)

- There is a need to take change of the electricity grid
- The solution is one that fits all equipment
- For Smartgrid enabled switchgear – for remote control of grid, for metering and monitoring

- Evolution of primary switchgear over the years discussed
- How to take charge of your switchgear explained, and how to make your existing grid smart
- Schneider's "Eco Structure" explained
- Operating systems must be sustainable – can work with all manufacturers' equipment
- Training is also an important issue – need up-to-date operating manuals on the smart devices
- Possible to retrofit existing equipment to make it smart – must be simple, flexible, digital and fit on all types of switchgear
- Must also be "cyber safe"
- The components of the system were explained.

**2. "Energy Mechanism Conservation - SZZT 2018"- David Huang - SZZT**  
**(See presentation 8-2)**

- Introduction to the company given
- SABS ISO 9001 certified
- Vision and Mission of the company was stated
- Clean solar energy for LED streetlighting
- LED streetlights available were shown and standards discussed
- Energy mechanism conservation concept was explained
  - Capital funding is a challenge for municipalities
  - Offer is to retrofit all streetlights with LED luminaires which reduces operating and maintenance costs
- Project cost analysis shown
- Save on capital budget
- Save on operating costs
- EMC process explained – feasibility study, simulation of saving over 10 years
- SZZT will cover all maintenance and repair costs over the 10 year period
- SZZT takes all the risks
- Municipalities benefits from the LED retrofit was discussed
- Examples of the projects already carried out was shown.

**9. REPORTS / VERSLAE**

**9.1 Report from the Representatives on the Executive Council**  
**Verslag van Verteenwoordigers op die Uitvoerende Raad**  
**(See presentation 9-1)**

Nombulelo Zwane reported on the Executive Council meetings held on 13 & 14 February 2018.

Legal and Statutory Committee:

- SALGA / Eskom co-operation and MOU discussed
  - Licensing conditions – there has been little movement
  - Need clarity from Cabinet meeting decision
  - Municipal debt is a concern
- NERSA – Rules for Renewable Energy Grid Code Wheeling – comments will be requested on these

Publicity and Papers Committee:

- Planning for the 2018 Convention in Pretoria is underway

Tariff Committee:

- NERSA – third party access rules discussed
- Power wheeling policy issues for Eskom / Municipalities
- Increase on Eskom tariffs is 5,23% and 7,32 % of municipalities from 1 July 2018

Technical Committee:

- SALGA Energy Summit for 7 to 9 March 2018 discussed
- Electrification issues made more complicated

Education and Training Committee:

- MOU to be signed between Eskom & SALGA and AMEU for the training of staff

- ISDG guidelines to be provided

## **10. FEEDBACK FROM SARPA / TERUGVOERING VAN SARPA**

Rens Bindeman reported on:

- Review of year's activities for SARPA given
- African countries training now to be done in Cape Town
- IURPA Conference to be held in South Carolina USA. President Elect, Greg Stopford will attend
- Branches teamed up with AMEU where there were problems holding meetings
- Kwazulu-Natal Branch is still an issue
- Assistance with sponsorship is needed for the Namibia Branch meeting
- Sensitizing "road show" planned for April in the Free State and Mpumalanga Branch areas in conjunction with a local SARPA and AMEU representatives. Goal to get better attendance at meetings
- Need to get SALGA representatives to attend the SARPA meetings.

## **11. REPORTS FROM GOVERNMENT DEPARTMENTS / TERUGVOERING VAN STAATS DEPARTEMENTE**

### **11.1 Department of Local Government / Departement van Plaaslike Owerhede**

No presentation this meeting.

### **11.2 Department of Energy / Departement van Energie (Mhlangebezi Mzalisi) (See presentation 11-2)**

- Discussion of roll-over of funding for 2016/2017 was discussed
  - o 7 roll-over applications were received – 5 were recommended to National Treasury; 2 were not approved
  - o Final decision lies with National Treasury
- 2017/18 Electrification planning highlights were presented and discussed
- Bridging finance for projects discussed.

## **12. COMPLIANCE / LEGISLATION**

Nothing was raised

## **13. INCIDENTS / ACCIDENTS**

1. Drakenstein 11kV substation explosion incident – Paul de Vries reported.
  - Monday 5 February 2018 the faulted feeder panel did not trip. The DC supply to the switchboard was cut off in the faulted switch panel and the whole switchboard was destroyed. Video of the incident was shown.
2. Eskom incident reported by Joe Coelho
  - The tragic incident occurred when a staff member returned to the Depot at 10pm and interrupted an armed robbery in progress. The staff member was shot dead in his vehicle. This highlights the need for security and vigilance at all times.
  - There was theft of copper control cables at Louwens River substation which disabled all protection and the substation was effectively "solid". Fortunately no fault occurred before the protection could be reinstated.
3. Saldanha Bay incident – Johan du Plessis reported

- The electricity supply to the sewage treatment plant was disrupted when the switch panel faulted. The site had been handed over to a contractor for an upgrade. Work had been completed but the site had not yet been handed back to the Municipality for operation. A dispute with the insurance company now exists as to the claim for the damage and repair. The substation is now running on a temporary setup. Photographs were shown.

#### **14. PRESENTATIONS BY AFFILIATES / AANBIEDINGS DEUR GEAFFILIEERDES**

##### **3. “Asset Management and Field Data Capture for Electrical Utilities” - Leon Reynders - Optron**

This presentation had to be cancelled due to the ill health of the presenter.

##### **4. “The path to overhead line efficiency using SG203” - Shadley Meyer – ADC Energy (See presentation 14-4)**

- Issues faced today were set out
- Fault path indicators are a local development
- System overview and the system components were explained
- Video was shown of the system which maximises efficiency at times of a fault
- Speeds up the response time to the location of the fault
- Web based management studios are available for real time access to improve operations and service delivery to customers.

#### **15. ITEMS HELD OVER FOR DISCUSSION FROM 199<sup>th</sup> GENERAL MEETING ITEMS WAT OORSTAAN VIR BESPREKING VAN 199<sup>ste</sup> ALGEMENE VERGADERING**

None

#### **16. ADDITIONAL ITEMS FOR DISCUSSION / BESPREKING VAN BYKOMENDE ITEMS**

None

#### **17. MATTERS FROM OTHER BRANCHES / AANGELEENTHEDE VAN ANDER TAK**

None

#### **18. GENERAL / ALGEMEEN**

1. Rens Bindeman reminded all members that the Crime Code 3200 must be used when reporting infrastructure theft and vandalism cases to SAPS so that the case will be investigated and prosecuted under the Criminal Matters Amendment Act.
2. Max Clarke has asked for contributions for the AMEU News. Please send these to Max at e-mail address mppc@mweb.co.za .
3. Members were reminded to check details of Branch officials on the AMEU website.

#### **19. SPONSORSHIP**

Gareth Smit thanked all the firms who had provided generous sponsorship for the meetings, and made special mention of the generous donations from the Overstrand Municipality. He also thanked the Overstrand Municipality and staff for the arrangements for the meetings and the spouses programme, and Die Plaaskombuis @ Hemel En Aarde for the use of their facilities and the catering.

**20. DATES AND PLACES OF AMEU MEETINGS 2018**  
**DATUMS EN PLEKKE VAN VMEO VERGADERINGS 2018**

- 20.1 11 May 2018 – Ceres (Witzenberg Municipality)
- 20.2 17 August 2018 – Malmesbury (Swartland Municipality)
- 20.3 8/9 November 2018 – Witsand (Hessequa Municipality)

**21. CLOSING OF MEETING BY THE CHAIRMAN**  
**SLUITING VAN VERGADERING DEUR DIE VOORSITTER**

The Chairman thanked all for attending the meeting, and for the Overstrand Municipality for hosting the meeting. The meeting was closed at 12:05.

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