

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

GOOD HOPE BRANCH / GOEIE HOOP TAK

MINUTES OF THE 198TH GENERAL MEETING OF THE AMEU AFFILIATES/GOOD HOPE BRANCH OF THE ASSOCIATION OF MUNICIPAL ELECTRICITY UTILITIES (SOUTHERN AFRICA) HELD AT THE CHURCH HALL, CNR HUGUENOT ROAD (R45) AND CHURCH STREET, FRANSCHHOEK ON FRIDAY, 17 FEBRUARY 2017 AT 09:00.

NOTULE VAN DIE 198^{STE} ALGEMENE VERGADERING VAN DIE VMEU-GEAFFILLIEERDES/GOEIE HOOP-TAK VAN DIE VERENIGING VAN MUNISIPALE ELEKTRISITEITSONDERNEMINGS (SUIDELIKE AFRIKA) WAT OP VRYDAG, 17 FEBRUARIE 2017 OM 09:00 BY DIE KERKSAAL, HOEK VAN KERKSTRAAT EN HUGUENOTWEG (R45), FRANSCHHOEK GEHOU IS.

ATTENDANCE / BYWONING

MEMBERS / LEDE

HJ Benecke (Henk)	- Breede Valley (hbenecke@bvm.gov.za)
PJD Everson (Pieter)	- Cape Agulhas (piete@capeagulhas.com)
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PG de Vries (Paul)	- Drakenstein (paul@drakenstein.gov.za)
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BM da Silva	- George
J Sinden (John)	- George (johns@george.org.za)
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N Dube (Njabulo)	- PGWC/LG (njabulo.dube@westerncape.gov.za)
C du Preez (Cassie)	- Saldanha Bay (Cassie.Dupreez@sbm.gov.za)
J du Plessis (Johan) Chairman	- Saldanha Bay (johan.duplessis@sbm.gov.za)
R Bindeman (Rens)	- SARPA (rens@mweb.co.za)
FJC Koegelenberg (Floris)	- Stellenbosch (floris.koegelenberg@stellenbosch.gov.za)
N Zwane (Nombulelo)	- Stellenbosch (nombulelo.zwane@stellenbosch.gov.za)
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T F Rossouw (Tom)	- Swartland (rossouw@swartland.org.za)
FH du Toit (Francois)	- Theewaterskloof (francoisdu@twk.org.za)
P van den Heever (Pierre)	- Witzenberg (pierre@witzenberg.gov.za)

AFFILIATES / AFFILIATE

P Corishley (Peter)	- ABB SA (Pty) Ltd
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B Kotze	- ABB SA (Pty) Ltd
B Addinall (Barry)	- ABB SA (Pty) Ltd (barry.addinall@za.abb.com)
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G Smit (Gareth)	- Cape Armature Winders (gareth@capearm.co.za)
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J Schroeder	- SMEC
D Dowling (David)	- SMEC (david.dowling@smec.com)
MJ Benson (Mark)	- Solethu Energy (markbe@soleth.co.za)
N Lewis (Neels)	- T-Systems (Neels.Lewis@t-systems.co.za)

RETIRED MEMBERS

J Renney (Joe)	- Honorary member (joerenney151@gmail.com)
J Pereira (Jorge)	- Honorary member (jorgepereira43@yahoo.co.za)
AG Wearne (Archie)	- Retired member (awearne@telkomsa.net)
N Ballantyne (Neil) Secretary	- Honorary member (nballantyne@cybersmart.co.za)

1. OPENING AND WELCOME / OPENING EN VERWELKOMING

The Chairman welcomed all to the meeting. Jan Coetzee from Stellenbosch Municipality addressed the meeting. He thanked Floris Koegelenberg for all he has done during his 30 year service with the Stellenbosch and wished him well for his retirement at the end of February 2017. The meeting was opened with a prayer.

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 13:00.

1.3 Acknowledgments/Bedankings

The Chairman welcomed all present and thanked the Stellenbosch Municipality and staff, and Gareth Smit for all the arrangements for the meeting, and the Franschoek Church 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

Voltex Electrical Trade Expo to be held on 7 & 8 March 2017 at the Voltex premises in Benbow Avenue, Epping 1, Cape Town.

2. APOLOGIES / VERSKONINGS

R van Staden (Roelof)	- Beaufort West (roelof@beaufortwestmun.co.za)
E M Mzalisi (Mhlangabezi)	- Dept of Energy (mhlangabezi.mzalisi@energy.gov.za)
D Louw (Deon)	- Drakenstein (deon.louw@drakenstein.gov.za)
M Botha (Michael)	- Institute of Municipal Engineers of Southern Africa (S Cape Branch) (mabotha@lantic.net)
L Eksteen (Leon)	- PGWC/LG (Leon.Eksteen@westerncape.gov.za)
B Marais (Belinda)	- Swartland (maraisb@swartland.org.za)
MF de Swardt (Mike)	- ABB SA (Pty) Ltd (mike.deswardt@za.abb.com)
C Kalp (Clyde)	- CT Lab (clyde@ctlab.com)
R Langford (Russell)	- EBM (russell@ebm.co.za)
G Shear (Gray)	- Edgeline Engineering (gary@edgeline.co.za)
D Cackett (Duncan)	- Emerald Infrastructure Solutions (duncan.c@emerald-is.co.za)
H Piek (Herman)	- Eya Bantu Professional Services (herman@eya-bantu.co.za)
N Randall (Neville)	- Eya Bantu Professional Services (neville@eya-bantu.co.za)
D Tarr (Dave)	- Landis & Gyr (dave.tarr@landisgyr.com)
A Bedeker (Attie)	- Lyners (attie@lyners.co.za)
J Frylinck (John)	- Lyners (johnf@lyners.co.za)
C Kühn (Curren-David)	- Motla (currenk@motla.co.za)
JJG Nel (Johan)	- Honorary member (neljgg@gmail.com)

3. CHANGE OF ADDRESS / ADRESVERANDERING

None

4. CONFIRMATION OF THE MINUTES OF THE AMEU AFFILIATES / GOOD HOPE BRANCH'S 197TH GENERAL MEETING HELD AT THE MOUNT VIEW RESORT, YORK STREET, GEORGE ON THURSDAY 10 NOVEMBER AND FRIDAY 11 NOVEMBER 2016.

**BEKRAGTIGING VAN DIE NOTULE VAN DIE VMEO-GEAFFILLIEERDES / GOEIE HOOP-TAK
197^{STE} ALGEMENE VERGADERING GEHOU OP DONDERDAG 10 NOVEMBER EN VRYDAG
11 NOVEMBER 2016 BY DIE MOUNT VIEW OORD, YORKSTRAAT, GEORGE.**

1.1 Copies of the minutes of meeting had been circulated to all members.

1.2 Corrections:

In the minutes Vally Padayachee's title should read "AMEU Strategic Adviser", not "AMEU Technical Adviser".

Joe Renney, who was present at the meeting, was not recorded as such on the attendance register.

4.3 The adoption of the minutes was proposed by Joe Renney and seconded by Danie Maree, and accepted 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**

Neal Douglass – SALGA – Eskom workshop to ratify tariffs.

7. CORRESPONDENCE / KORRESPONDENSIE

None

8. PRESENTATIONS BY AFFILIATES / AANBIEDINGS DEUR GEAFFILIEERDES

1. "E-Governance, crowdsourcing and workforce management: Effectively inspecting and maintaining electricity network infrastructure, a case study of Stellenbosch Municipality"
- Wilhelm Herbst - Optron

(See presentation 8-1)

- Background to the Stellenbosch case study given
- Problem – Digitising a previously paper based system – capturing of electrical asset records
- Solution – Installation of Trimble Field Services and Field Inspector solutions
- User requirement study undertaken
- Design of solution carried out
- Installation of system done – servers, desktop computers and hand-held devices
- Testing of system
- Training of staff
- Ongoing support
- Usage of system –
 - Field asset capture – use of Field Inspector system
- Screen shots from system shown
- Scheduled maintenance aspects of system explained
- Reactive maintenance – used for customer complaints to call centre. Steps explained
 - Web-based system
 - Jobs sent directly to field staff
- Feedback process explained
- System design covered
- Complaints system explained
- Reports can be extracted
- System benefits listed
- Lessons learnt from system roll out given.

2. “On Line Power Quality Management” – Willie van Wyk – CT Lab

- Holistic cloud hosted utility and facility electrical power management system
- Feedback from Eskom Smart Metering conference given – focus on non-technical losses (thefts)
- Need for third party (independent) to check accuracy of installation of meters
- Need for a good back end system
- Technicians are usually no trained in IT support
- Background on new holistic power quality management discussed
 - Need to relook at standards
 - Use operational limit to do management
 - Use of mobile technology to issue problem tickets – Example shown
 - Dashboard available for each parameter
- Benefits of online system discussed and explained.

9. REPORTS / VERSLAE

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

Johan du Plessis reported on the meetings held in Hogsback on 8 & 9 February 2017.

Highlights:

- No conclusion reached with the SDA between Eskom and SALGA
- Issue defining distribution areas still to be resolved. Areas need to be mapped – complex in certain areas
- SSEG licencing requirements need to be put into Regulations – feedback expected in March 2017
- Municipal energy reduction targets – Non-technical losses <0,5%, Technical losses <8%. Still need to be discussed fully. Technical loss calculations are an issue.
- Integrated Resource Plans – consultation period ends on 31 March 2017
- Role of Municipal Inspectors – feedback still to be received
- Views on future energy landscape – tariff issues
- Feedback from NERSA given
- Electrical resellers – guidelines published for implementation
- Eskom MYPD4 – issue to be resolved in court – possible municipal increase 0,28%
- Authorised max demand an issue for some small municipalities – funds not available in increase their authorised maximum demand limits from Eskom
- SSEG – still need guidelines from NERSA
- SIP10 (Infrastructure development)
 - Cost of supply issue
 - High losses
 - INEP (housing funding) performance nationally not very good
- Training courses available from Eskom – discounted cost to cover subsistence and transport only
- ECSA – seat for AMEU if there is a vacancy in the future
- Women in Electricity – still new a representative for the Good Hope Branch
- Convention to be held Sunday 8 October to Wednesday 11 October 2017 in Port Elizabeth
- Smart Grid initiative – no quick fixes using technology
- SIP10 ADAM project – no funding available
- Eskom supply status is stable
 - demand is 1% lower than in 2016
 - reserve margin is 19%
 - no load shedding is expected
- Eskom municipal debt was highlighted
- Solar PV green card for installers is supported but not yet finalised
- Dave Turton mentioned that the Affiliated now have two representatives on each committee
- Feedback is to be given if Convention papers are rejected. Papers need to be of a technical nature, not marketing.

9.2 Report back – “Women in Electricity”

No report as a WiE representative for the Good Hope Branch still needs to be found.

10. FEEDBACK FROM SARPA / TERUGVOERING VAN SARPA

Rens Bindeman reported on:

- Police are now onboard with infrastructure theft. There is good co-operation with the Hawks.
- SARPA is playing a big role in this
- New training courses are being roll out. Lesson have been learnt from experiences in Nigeria
- Cyber security is being highlighted as a potential problem
- Revenue recovery project is being rei-instituted – Request for municipalities which wish to participate.

11. REPORTS FROM GOVERNMENT DEPARTMENTS / TERUGVOERING VAN STAATS DEPARTEMENTE

11.1 Department of Local Government / Departement van Plaaslike Owerhede (Njabulo Dube)

No report was given at this meeting

11.2 Department of Energy / Departement van Energie (Mhlangbezi Mzalisi)

Mhlangbezi tendered his apologies for this meeting so there was no report given.

12. COMPLIANCE / LEGISLATION

Nothing was raised

13. INCIDENTS / ACCIDENTS

No incidents reported.

14. PRESENTATIONS BY AFFILIATES / AANBIEDINGS DEUR GEAFFILIEERDES

3. “Communication with ABB Low Voltage Air Circuit Breakers” - Peter Corbishley - ABB

- Division formed in ABB – LV Distribution Products (<36 kV)
- Sonic communication developed – fast and efficient
- Ekip Smart Vision – everything will be able to be found on the internet
- Ekip Smart Vision is to manage complexity – aim is to reduce this
- Overview of Ekip Smart Vision given
 - Manage data and control from one device
 - Monitor, optimise and control
- Benefits listed
- How it works was explained
 - A development between ABB and Microsoft
 - An embedded solution
- Informationis uploaded to a cloud
- “Ekip Connect” is a communication tool which is web-based
- Demonstration of system was given.

4. “Electro Mechanical Locking System by Rayonics SA Pty (Ltd)” - Dave Turton - Edgeline

(See presentation 14-4)

- Rayonics SA Pty(Ltd) was established to offer an affordable, Electro Mechanical Locking System which provides a complete and fully auditable locking system solution.
- System architecture was explained
- Types of keys shown and functions explained – administration key and user keys
- Lost user key can be blacklisted on the system
- History of operation of keys can be downloaded
- Software for operation of system is cloud based – web based
- Operation of software parameters explained
- Can give once off access permission to a key from the cloud to smart phone to key – all events are auditable
- Space is bought on this cloud. System is not purchased
- Can accommodate various types of locks – complete ABUS lock range is available
- Examples of installations were shown.

15. ITEMS HELD OVER FOR DISCUSSION FROM 197th GENERAL MEETING ITEMS WAT OORSTAAN VIR BESPREKING VAN 197^{ste} ALGEMENE VERGADERING

None

16. ADDITIONAL ITEMS FOR DISCUSSION / BESPREKING VAN BYKOMENDE ITEMS

SALGA issue covered in the report back from the Executive Committee.

17. MATTERS FROM OTHER BRANCHES / AANGELEENTHEDE VAN ANDER TAK

None

18. GENERAL / ALGEMEEN

Floris Koegelenberg thanks the AMEU members for all the assistance given to him since he first attended an AMEU meeting in Somerset West in 1988.

19. SPONSORSHIP

Gareth Smit thanked all the firms who had provided generous sponsorship for the meetings and evening function, and also thanked the Stellenbosch Municipality, Floris Koegelenberg and staff for the arrangements for the meetings and the Franschhoek Church for the use of their facilities.

20. DATES AND PLACES OF AMEU MEETINGS DATUMS EN PLEKKE VAN VMEU VERGADERINGS

20.1	12 May 2017	Swellendam
20.2	11 August 2017	Paarl
20.3	9/10 November 2017	Knysna

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

The Chairman thanked all for attending the meeting, and for the Stellenbosch Municipality for hosting the meeting and wished Floris well with his retirement. The meeting was closed at 12:40.

N BALLANTYNE
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