

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

**DIE VERENIGING VAN MUNISIPALE ELEKTRISITEITSONDERNEMINGS
(SUIDELIKE AFRIKA)**

GOOD HOPE BRANCH / GOEIE HOOP TAK

MINUTES OF THE 197th GENERAL MEETING OF THE AMEU AFFILIATES/GOOD HOPE BRANCH OF THE ASSOCIATION OF MUNICIPAL ELECTRICITY UNDERTAKINGS (SOUTHERN AFRICA) HELD AT THE MOUNT VIEW RESORT, YORK STREET, GEORGE ON THURSDAY 10 NOVEMBER AT 14:00 AND FRIDAY 11 NOVEMBER 2016 AT 09:00.

NOTULE VAN DIE 197^{ste} ALGEMENE VERGADERING VAN DIE VMEO-GEAFFILLIEERDES/GOEIE HOOP-TAK VAN DIE VERENIGING VAN MUNISIPALE ELEKTRISITEITSONDERNEMINGS (SUIDELIKE AFRIKA) BY DIE MOUNT VIEW OORD, YORKSTRAAT, GEORGE GEHOU OP DONDERDAG, 10 NOVEMBER 2016 EN VRYDAG, 11 NOVEMBER 2016.

THURSDAY, 10 NOVEMBER 2016 AT 14:00
DONDERDAG, 10 NOVEMBER 2016 OM 14:00

AMEU GENERAL MEETING -Session One

ATTENDANCE / BYWONING – 10 November 2016

MEMBERS / LEDE

V Padayachee (Vally)	- AMEU (vally@vdw.co.za)
HJ Benecke (Henk)	- Breede Valley (hbenecke@bvm.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)	- Cape Town (siyabulela.gqwede@capetown.gov.za)
JJ van Zyl (Jac)	- Cederberg (vanzylj@cederbergraad.co.za)
E M Mzalisi (Mhlangabezi)	- Dept of Energy (mhlangabezi.mzalisi@energy.gov.za)
DR Gabriels (David)	- Drakenstein (davidg@drakenstein.gov.za)
M Verhoeven (Martin)	- Drakenstein (martinv@drakenstein.gov.za)
PG de Vries (Paul)	- Drakenstein (paul@drakenstein.gov.za)
W Albertyn (Willem) Vice Chairman	- Drakenstein (willie.albertyn@drakenstein.gov.za)
M Tshabalala (Moferefere)	- Emfuleni (tshabalala@emfuleni.gov.za) - AMEU President
M Matthews (Marlene)	- George
D Baxter (Derek)	- George (derek@george.org.za)
E Nqumse (Edward)	- George (eddie@george.org.za)
KD Grunewald (Kevin)	- George (kevin@george.org.za)
K Wilken	- George (kobusw@george.org.za)
M McDonald (Manon)	- George (manon@george.org.za)
T Barnard (Tiaan)	- George (tiaan@george.org.za)
Col Motwane	- George SAPS : Geoge CID
M Botha (Michael)	- Institute of Municipal Engineers of Southern Africa (S Cape Branch) (mabotha@lantic.net)
A Dellemijn	- Mossel Bay (adellemijn@mosselbay.gov.za)
PJ Harmse	- Mossel Bay (pharmse@mosselbay.gov.za)
D Maree (Danie)	- Overstrand (dmaree@overstrand.gov.za)
JH du Plessis (Kobus)	- Overstrand (kduplessis@overstrand.gov.za)
P Harpestad (Peter)	- Plettenberg Bay (pharpestad@plett.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)
T Swanepoel (Toppie)	-	SARPA (for Rens Bindeman)
FJC Koegelenberg (Floris)	-	Stellenbosch (floris.koegelenberg@stellenbosch.gov.za)
B Marais (Belinda)	-	Swartland (maraisb@swartland.org.za)
T F Rossouw (Tom)	-	Swartland (rossouw@swartland.org.za)
S Herbst (Salman)	-	Swellendam (sherbst@swellenmun.co.za)
FH du Toit (Francois)	-	Theewaterskloof (francoisdu@twk.org.za)
M Redelinghuys (Marius)	-	Theewaterskloof (mariusre@twk.org.za)
P van den Heever (Pierre)	-	Witzenberg (pierre@witzenberg.gov.za)

AFFILIATES / AFFILIATE

B Addinall (Barry)	-	ABB SA (Pty) Ltd (barry.addinall@za.abb.com)
B Johnson (Bryan)	-	ABB SA (Pty) Ltd (bryan.johnson@za.abb.com)
F Bower (Frans)	-	ABB SA (Pty) Ltd (frans.bouwer@za.abb.com)
ME Brandt (Michael)	-	ABB SA (Pty) Ltd (mike.brandt@za.abb.com)
H Scholtz (Henni)	-	Aberdare Cables (hscholtz@aberdare.co.za)
S Kgosana (Sam)	-	Aberdare Cables (skgosana@aberdare.co.za)
JR Cooper (Jennifer)	-	Aberdare Cables (jcooper@aberdare.co.za)
LM Human (Leon)	-	Aberdare Cables (lhuman@aberdare.co.za)
PA Williams (Patrick)	-	Aberdare Cables (pwilliams@aberdare.co.za)
L Boshof (Lionell)	-	Aberdare Cables Jhb (lboshoff@aberdare.co.za)
B Wright (Brian)	-	Actom (brian.wright@actom.co.za)
J Brown (Justin)	-	Beka (Pty) Ltd (brownj@beka.co.za)
MJ Benson (Mark)	-	Bigen Africa (mark.benson@bigenafrica.com)
G Smit (Gareth)	-	Cape Armature Winders (gareth@capearm.co.za)
A Kinnes (Aubrey)	-	CBI Electric (akinnes@cbi-electric.com)
S Wilson (Stewart)	-	CBI Electric (stewart.wilson@cbi-electric.com)
P Conradie (Pierre)	-	Clinkscapes Maughan-Brown
B Grobbelaar (Barend)	-	Conco (barend.grobbelaar@concogrp.com)
C van Wyk (Carlo)	-	CVW Consulting Engineers (cvw@cvw-e.com)
R Ludick (Rudolph)	-	Element Consulting Engineers
C J Botha (Christo)	-	Element Consulting Engineers (cbotha@eceng.co.za)
J Fourie (Jako)	-	Element Consulting Engineers (jfourie@eceng.co.za)
J Moodley (Junaid)	-	Element Consulting Engineers (jmoodley@eceng.co.za)
N Baker (Nigel)	-	Elster Kent Metering (nigel.baker@za.elster.com)
CG Hampshire (Clive)	-	Emerald Infrastructure Solutions (clive.h@emerald-is.co.za)
N Randall (Neville)	-	Eya Bantu Professional Services (neville@eya-bantu.co.za)
JH Carne (Jack)	-	Genlux Lighting (jack.carne@actom.co.za)
A Gabier (Ayesha)	-	Gibb (agabier@gibb.co.za)
B Raw (Bruce)	-	Green Cape (bruce@green-cape.co.za)
J Radmore (Jack)	-	Green Cape (jack@green-cape.co.za)
M Leighton (Michael)	-	Green Cape (michaelleighton@green-cape.co.za)
D Pieters (Dürr)	-	iX Engineers (durr.p@ixengineers.co.za)
JP Groenewald	-	JP Prepaid Inspections & Maintenance (JPIM107@webmail.co.za)
TG Moilola (Thabiso)	-	Landis & Gyr (thabiso.moilola@landisgyr.com)
E Esterhuizen (Eswe)	-	LED Corp (eswe@ledcorp.co.za)
A Maree (Andre)	-	LH Marthinusen (andrem@lhmct.co.za)
D Sullivan (David)	-	LH Marthinusen (davids@lhm.co.za)
L Lerm (Leon)	-	LL Energy (leon@llenergy.co.za)
B Bosch (Benjamin)	-	Lucy Electric (benjamin.bosch@lucyelectric.com)

A Bedeker (Attie)	- Lyners (attie@lyners.co.za)
J Mtimkulu (Joyce)	- Motla (joycem@motla.co.za)
I Kilian (Ivar)	- Ontec (ivar.kilian@ontec.co.za)
M Tyszowiecki (Mike)	- Patch Industrial Supplies - Masterlock (patch@worldonline.co.za)
JP Crafford	- PM&D
BW Shackleton (Barry)	- PM&D (barrys@powermeasurement.co.za)
J de Klerk (Johan)	- PM&D (johand@powermeasurement.co.za)
I van den Heever (Ian)	- Poly Box (ian@polybox.co.za)
P Brink (Pierre)	- Poly Box (pierre@polybox.co.za)
G Scriven (Grant)	- Power Process Systems (sales@ppspower.co.za)
M O'Connor (Mike)	- Powertec System Intergrators (mike.oconnor@ptsi.co.za)
L Schultz (Leon)	- Powertech T4 (leon.schultz@pttransformers.co.za)
T Mahokoto (Temba)	- Powertech T4 (temba.mahokoto@pttransformers.co.za)
D Batte (Derek)	- PowerX (derek@powerx.energy)
P Rieckert	- Rivican Infrastructure Solutions
CG Scheepers (Carel)	- Schneider Electric (carel.scheepers@schneider-electric.com)
JS Visser (Jacques)	- Schneider Electric (jacques.visser@schneider-electric.com)
M Schoeman (Mervyn)	- Signarama (geosalesl@signarama.co.za)
N De Lorme (Neil)	- Strike Technologies (neidl@strike.co.za)
Al Theron (Adriaan)	- Tank Industries (adriaan.theron@tank.co.za)
IV Smith (Ian)	- Tank Industries (ian.smith@tank.co.za)
G Brown (Gerald)	- Tgood (??) (gerald.brown@Tgood.com)
J Jansen Van Rensburg (Johan)	- T-Systems (Johan.JansenVanRensburg@t-systems.co.za)
N Lewis (Neels)	- T-Systems (Neels.Lewis@t-systems.co.za)
B Magee (Blaize)	- Woodbeam (blaize.magee@woodbeam.co.za)

RETIRED MEMBERS

J Renney (Joe)	- Honorary member (joerenney151@gmail.com)
N Ballantyne (Neil) Secretary	- Honorary member (nballantyne@cybersmart.co.za)
JJG Nel (Johan)	- Honorary member (neljgg@gmail.com)
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)

1. OPENING AND WELCOME / OPENING EN VERWELKOMING

The Chairman welcomed all and the session was opened with prayer, thereafter the Deputy Mayor of George, Councillor Gerrit Pretorius addressed the meeting and welcomed all to George.

1.2 Arrangements/Reëlings

Gareth Smit gave details of the arrangements for the tea break at 15:30, ten pin bowling at 18:00 and a meal at 19:30.

1.3 Acknowledgments/Bedankings

The Chairman thanked Mount View Resort for the use of the facilities, Gareth Smit and the George Municipality for planning the meeting and the Affiliates for their generous sponsorship.

1.4 Announcements/Aankondigings

None

2. **APOLOGIES / VERSKONINGS**

HM Hendriks (Hilton)	- Breede Valley (hhendriks@bvm.gov.za)
SA Cooper (Steve)	- Cape Agulhas (stevec@capeagulhas.gov.za)
SW Arendse (Sheval)	- Cape Town (Sheval.Arendse@capetown.gov.za)
D Louw (Deon)	- Drakenstein (deon.louw@drakenstein.gov.za)
A Makan (Athena)	- Eskom (MakanA@eskom.co.za)
B Cornelius (Bennie)	- George
BN August (Ben)	- George (ben@george.org.za)
L Eksteen (Leon)	- PGWC/LG (Leon.Eksteen@westerncape.gov.za)
R Bindeman (Rens)	- SARPA (rens@mweb.co.za)
MF de Swardt (Mike)	- ABB SA (Pty) Ltd (mike.deswardt@za.abb.com)
RV Els (Robert)	- Actom (Robert.els@actom.co.za)
R Langford (Russell)	- EBM (russell@ebm.co.za)
D Cackett (Duncan)	- Emerald Infrastructure Solutions (duncan.c@emerald-is.co.za)
A Hugo (Andrew)	- Eya Bantu Professional Services (andrewhugo@eya-bantu.co.za)
H Piek (Herman)	- Eya Bantu Professional Services (herman@eya-bantu.co.za)
W Snyman (Wietsché)	- iX Engineers (wietsche.s@ixengineers.co.za)
D Tarr (Dave)	- Landis & Gyr (dave.tarr@landisgyr.com)
R Petersen (Rezaan)	- Landis & Gyr (rezaan.petersen@landisgyr.com)
C van der Toorn (Billy)	- Schneider Electric (billy.van-der-toorn@schneider-electric.com)
J Pereira (Jorge)	- Honorary member (jorgepereira43@yahoo.co.za)

3. **CHANGE OF ADDRESS / ADRESVERANDERING**

Yolanda Ngalwana has resigned from Eskom. As she was the Branch's women's representative on the Executive Council a replacement person will need to be found.

iX Engineers (Pty) Ltd, a new Consulting Engineering firm, acquired the Public Infrastructure(PI) Division of WorleyParsons through a management buy-out, as well as an existing 100% BEE firm, Black Jills Engineers. The new firm is local (national) and more than 51% BEE and 30% Black Woman owned, and will provide the same professional services that the WorleyParsons PI Division did. WorleyParsons RSA has agreed that iX Engineers can take over the existing WorleyParsons AMEU Affiliate membership (No 349) so that iX Engineers (Pty) Ltd becomes the AMEU Affiliate member No 349 going forward.

4. **CONFIRMATION OF THE MINUTES OF THE AMEU AFFILIATES / GOOD HOPE BRANCH'S 196th GENERAL MEETING HELD AT THE SIR LAMBERT CELLARS, LAMBERTS BAY ON FRIDAY 12 AUGUST 2016.**

BEKRAGTIGING VAN DIE NOTULE VAN DIE VMEO-GEAFFILLIEERDES / GOEIE HOOP TAK, 196^{ste} ALGEMENE VERGADERING BY DIE SIR LAMBERT KELDERS, LAMBERTSBAAI GEHOU OP VRYDAG, 12 AUGUSTUS 2016.

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

4.2 The adoption of the minutes was proposed by Danie Maree and duly 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 18 BYKOMENDE ITEMS VIR BESPREKING UNDER ITEM 18**

None

7. CORRESPONDENCE / KORRESPONDENSIE

None

8. Presentations by Affiliates / Aanbiedings deur Geaffilieerdes

8.1 “The latest status of anti-theft cables and future developments” – Henni Scholtz – Aberdare

(See presentation 8-1)

- Cable theft is a problem in the country
- The Criminal Matters Amendment Act has been promulgated
- Alternative cable types are being manufactured to hinder cable theft
- A list of measures was shown –
 - Conductors contamination is no longer used
 - Marker tapes are added into the cables
 - Microdots are sprayed onto cables but the application is problematic
 - Restraint measures employed to fix cables into the ground
 - Marking by means of horizontal grooves on overhead conductors
 - Copper clad steel
 - Cable marking on cable sheath or cores and added tape
 - Sequential marking on cables the series of which is assigned to the purchaser on sale of the cable
 - A database query system can be used to track the owner of the cable
- Experimental cable were shown:
 - Combination of materials
 - Copper clad aluminium (10%) – current rating is similar to copper cable
 - Laser marking on copper has been tried – more development is needed on this
 - Strengthening of the sheath has been tried
- Standards manufacturer were discussed and techniques mentioned
- Cable drum tracking using an RF ID tag fitted into the drum was explained
 - The back-end software system was shown
- The future use of techniques to deter theft was discussed.

8.2 “Polyethylene Enclosures” - Ian van den Heever - Poly Box

- Company structure explained
- Video of the manufacture of kiosks was shown
- The extrusion of polymer explained, which is then used in the kiosk moulds
- The moulding process was explained
- Examples of the products and their features was shown
- Future expansion of the company mentioned
- With illegal wiring being a problem, an insulated kiosk is a benefit
- Kiosks are vandal proof and have no scrap value
- Kiosks conform to NRS 032.

8.3 “ABB Unigear Digital” - Bryan Johnson- ABB

- Problems with switchgear supply, delivery, installation and commissioning exists
- ABB Unigear assist with these problems
- Need the correct information when tendering
- Detailed design of components is essential
- Unigear has flexibility to alter specified components using sensors (for current and voltage)
- These are certified components to global standards
- “Plug and play” technology
- Sensor construction and operation was explained
- Wide voltage range is cater for by one Unigear switchgear type – eg. 3,3kV to 11kV
- Uses digital signals and small control cable sizes

- One sensor type replaces a wide range of previously used components eg. VTs and CTs
- Energy consumption is vastly reduced
- An extended warranty is now given
- Switchgear mass is less – better for floor design
- Testing is simplified
- Software tools are available on the internet
- Remote setting of protection is possible.

9. REPORTS / VERSLAE

9.1 Report back – “Women in Electricity” - Yolanda Ngalwana – Eskom

Yolanda Ngalwana has resigned from Eskom – No one to report back but the Chairman mentioned that from discussions at the Executive Council the aim is the empowerment of women and this should be incorporated into normal AMEU activities.

9.2 Sub-Committee: Wiring Code Revisions and Standard Electricity Supply By-law (Convenor: Deon Louw) Subkomitee: Beradingskodehersienings en Standaardelektrisiteitsvoorsienings Verordening (Saamroeper: Deon Louw)

Deon Louw sent apologies. No report.

9.3 King IV and its impact on metros and municipalities – Vally Padayachee – AMEU Technical Advisor (See presentation 9-1)

- Topic is important in regard to corporate governance
- Previously not a statutory requirement but used as a guide by courts regarding corporate governance – now it will apply to all from financial years starting after 1 April 2017
- King IV replaces King III in its entirety
- Stakeholders applicable were listed
- Previously outputs but now outcomes approach used
- Aspects covered in King IV given
- King IV is to be applied and explained – 16 basic principles listed and explained.

10. Feedback from SARPA / Terugvoering van SARPA

Paul de Vries report:

- Greg Stopford from the City of Cape Town has been elected as President Elect of SARPA
- There has been a satisfying increase in the membership of SARPA
- NERSA has given positive feedback on the acceptance of a 2% levy on sales for the funding of revenue protection operation, although the mechanism of its application still needs to be clarified.

Close of day's session at 16:55

FRIDAY, 11 NOVEMBER 2016 AT 09:00
VRYDAG, 11 NOVEMBER 2016 OM 09:00

AMEU GENERAL MEETING -Session Two

ATTENDANCE / BYWONING – 11 November 2016

MEMBERS / LEDE

- | | | |
|-----------------------|---|--|
| V Padayachee (Vally) | - | AMEU (vally@vdw.co.za) |
| R van Staden (Roelof) | - | Beaufort West (roelof@beaufortwestmun.co.za) |

HJ Benecke (Henk)	- Breede Valley (hbenecke@bvm.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)	- Cape Town (siyabulela.gqwede@capetown.gov.za)
JJ van Zyl (Jac)	- Cederberg (vanzylij@cederbergraad.co.za)
E M Mzalisi (Mhlangabezi)	- Dept of Energy (mhlangebezi.mzalisi@energy.gov.za)
DR Gabriels (David)	- Drakenstein (davidg@drakenstein.gov.za)
M Verhoeven (Martin)	- Drakenstein (martinv@drakenstein.gov.za)
PG de Vries (Paul)	- Drakenstein (paul@drakenstein.gov.za)
W Albertyn (Willem) Vice Chairman	- Drakenstein (willie.albertyn@drakenstein.gov.za)
M Tshabalala (Moferefere)	- Emfuleni (tshabalala@emfuleni.gov.za) - AMEU President
M Matthews (Marlene)	- George
D Baxter (Derek)	- George (derek@george.org.za)
KD Grunewald (Kevin)	- George (kevin@george.org.za)
K Wilken	- George (kobusw@george.org.za)
J Lesch (Justin)	- Hessequa (justin@hessequa.gov.za)
J Cupido (Jermaine)	- Knysna
MJ Rhode (Michael)	- Knysna (mrhode@knysna.gov.za)
S Naidoo (Dick)	- Mossel Bay (dnaidoo@mosselbay.gov.za)
PJ Harmse	- Mossel Bay (pharmse@mosselbay.gov.za)
D Maree (Danie)	- Overstrand (dmaree@overstrand.gov.za)
JH du Plessis (Kobus)	- Overstrand (kduplessis@overstrand.gov.za)
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)
FJC Koegelenberg (Floris)	- Stellenbosch (floris.koegelenberg@stellenbosch.gov.za)
B Marais (Belinda)	- Swartland (maraisb@swartland.org.za)
T F Rossouw (Tom)	- Swartland (rossouw@swartland.org.za)
S Herbst (Salman)	- Swellendam (sherbst@swellenmun.co.za)
FH du Toit (Francois)	- Theewaterskloof (francoisdu@twk.org.za)
M Redelinghuys (Marius)	- Theewaterskloof (mariusre@twk.org.za)
P van den Heever (Pierre)	- Witzenberg (pierre@witzenberg.gov.za)

AFFILIATES / AFFILIATE

E de Villiers	- (r.devilliers@mweb.co.za)
B Johnson (Bryan)	- ABB SA (Pty) Ltd (bryan.johnson@za.abb.com)
F Bower (Frans)	- ABB SA (Pty) Ltd (frans.bouwer@za.abb.com)
ME Brandt (Michael)	- ABB SA (Pty) Ltd (mike.brandt@za.abb.com)
H Scholtz (Henni)	- Aberdare Cables (hscholtz@aberdare.co.za)
S Kgosana (Sam)	- Aberdare Cables (skgosana@aberdare.co.za)
JR Cooper (Jennifer)	- Aberdare Cables (jcooper@aberdare.co.za)
LM Human (Leon)	- Aberdare Cables (lhuman@aberdare.co.za)
PA Williams (Patrick)	- Aberdare Cables (pwilliams@aberdare.co.za)
L Boshof (Lionell)	- Aberdare Cables Jhb (lboshoff@aberdare.co.za)
B Wright (Brian)	- Actom (brian.wright@actom.co.za)
MJ Benson (Mark)	- Bigen Africa (mark.benson@bigenafrica.com)
G Smit (Gareth)	- Cape Armature Winders (gareth@capearm.co.za)
A Kinnes (Aubrey)	- CBI Electric (akinnes@cbi-electric.com)
S Wilson (Stewart)	- CBI Electric (stewart.wilson@cbi-electric.com)

B Grobbelaar (Barend)	- Conco (barend.grobbelaar@concogrp.com)
C van Wyk (Carlo)	- CVW Consulting Engineers (cvw@cvw-e.com)
R Ludick (Rudolph)	- Element Consulting Engineers
C J Botha (Christo)	- Element Consulting Engineers (cbotha@eceng.co.za)
J Fourie (Jako)	- Element Consulting Engineers (jfourie@eceng.co.za)
J Moodley (Junaid)	- Element Consulting Engineers (jmoodley@eceng.co.za)
CG Hampshire (Clive)	- Emerald Infrastructure Solutions (clive.h@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)
JH Carne (Jack)	- Genlux Lighting (jack.carne@actom.co.za)
A Gabier (Ayesha)	- Gibb (agabier@gibb.co.za)
B Raw (Bruce)	- Green Cape (bruce@green-cape.co.za)
J Radmore (Jack)	- Green Cape (jack@green-cape.co.za)
M Leighton (Michael)	- Green Cape (michaelleighton@green-cape.co.za)
T Phillips (Tom)	- Inspred Interfaces (tom@interfaces.co.za)
D Pieters (Dürr)	- iX Engineers (durr.p@ixengineers.co.za)
A Maree (Andre)	- LH Marthinusen (andrem@lhmct.co.za)
D Sullivan (David)	- LH Marthinusen (davids@lhm.co.za)
B Bosch (Benjamin)	- Lucy Electric (benjamin.bosch@lucyelectric.com)
A Bedeker (Attie)	- Lyners (attie@lyners.co.za)
K Dare (Kim)	- Martec (kim.dare@martec.co.za)
J Mtimkulu (Joyce)	- Motla (joycem@motla.co.za)
I Kilian (Ivar)	- Ontec (ivar.kilian@ontec.co.za)
JP Crafford	- PM&D
J de Klerk (Johan)	- PM&D (johand@powermeasurement.co.za)
I van den Heever (Ian)	- Poly Box (ian@polybox.co.za)
P Brink (Pierre)	- Poly Box (pierre@polybox.co.za)
G Scriven (Grant)	- Power Process Systems (sales@ppspower.co.za)
M O'Connor (Mike)	- Powertec System Intergrators (mike.oconnor@ptsi.co.za)
L Schultz (Leon)	- Powertech T4 (leon.schultz@pttransformers.co.za)
CG Scheepers (Carel)	- Schneider Electric (carel.scheepers@schneider-electric.com)
JS Visser (Jacques)	- Schneider Electric (jacques.visser@schneider-electric.com)
M Schoeman (Mervyn)	- Signarama (geosalesl@signarama.co.za)
AI Theron (Adriaan)	- Tank Industries (adriaan.theron@tank.co.za)
IV Smith (Ian)	- Tank Industries (ian.smith@tank.co.za)
B Magee (Blaize)	- Woodbeam (blaize.magee@woodbeam.co.za)

RETIRED MEMBERS

N Ballantyne (Neil) Secretary	- Honorary member (nballantyne@cybersmart.co.za)
JJG Nel (Johan)	- Honorary member (neljjg@gmail.com)
LR Richardson (Len)	- Honorary member (richardsonlr@telkomsa.net)
AG Wearne (Archie)	- Retired member (awearne@telkomsa.net)

11. OPENING AND WELCOME / OPENING EN VERWELKOMING

The Chairman welcomed all to the Friday session which was opened with a prayer. The Chairman thanked Kevin Grunewald for the previous evenings arrangements which were enjoyed by all.

Councillor de Villiers from George Municipality welcomed all to George and addressed the meeting.

Arrangements for the morning were announced, tea being at 10:30 and lunch at 13:00.

12. **PRESENTATIONS BY AFFILIATES / AANBIEDINGS DEUR GEAFFILIEERDES**

12.1 **“Smart RTU's for all networks – T300 RTU” – Gideon Ferreira – Schneider Electric** (See presentation 12-1)

- T300 RTU is powerful, simple secure and can be remotely connected to from a laptop
- Remote control, automation and customisation is possible
- Complies with all local standards
- Answers today's challenges – these were discussed
- Comparison made between traditional networks and the modern arrangement of networks
- Remote monitoring of status of protection is via GSM
- It is a modular solution; scalable
- Has power quality functionality
- Has cyber security built in
- Can be connected to third party devices
- Modules for LV and MV underground and overhead management
- Has battery backup
- Set up software is available
- Protection functionality was discussed
- A demonstration of the remote set up and control was shown.

12.2 **“Recommendations for On-Site Testing of MV XLPE Cables”** **– Nivashnee Ramparsad – Aberdare** (See presentation 12-2)

- Reason for site testing discussed
- Factors needed to be known when doing on site testing were listed
- Available test methods for cable were explained
- Advantages and disadvantages of DC hipot testing on cables covered
- AC VLF testing advantages listed
 - Disadvantage is that this test equipment is very expensive
 - VFT test durations shown
- Tan-delta testing
 - Advantage – up to 3X operating voltage can be used
- Partial discharge test
 - Allows measurement and fault location detection
- Outer sheath test
 - DC test of 5kV for 1 minute
 - Fault location is possible
- Withstand and condition monitoring – the differences between these was explained
- Drum handling and delivery to site precautions were discussed
- Incorrect cable storage practices were shown
- Pre-installation checks that should be carried out were listed
- Cable installation procedures discussed
- Failure mechanisms in MV cables listed
- Accredited cable installers discussed
- The importance of record keeping for cable installations was stressed.

12.3 **“Solkor feeder differential protection” – Blaize Magee – WoodBeam Industries** (See presentation 12-3)

- Introduction to the company given
- Information on new relay to be launched given – Solkor N 7SR18
- History of Solkor protection given
- Functionality of Solkor protection explained
- Digital relay was introduced in 2001
- Why the change to a digital format was given
- New functionality to be added to the relay was explained
- The Compact Relay range was presented – operates of fibre optics
- All relays use the same setting software – familiar operation for all relays

- All relays are withdrawable
- Communication options and functions covered
- Features on the new Solkor relay explained
- Fault recording for quick fault analysis
- Demonstration of freely available Solkor software was shown.

13. REPORTS / VERSLAE

13.1 **Representatives on the Executive Council / Verteenwoordigers op die Uitvoerende Raad (Siyabulela Gqwede)**

- **Executive Council** meeting was held in Van Der Byl Park - Emfuleni Local Municipality on 6 October 2016.
 - Meeting noted that new councillors will form part of EXCO as a result of the recent local government elections
 - Motions of congratulations:
 - Mr Tshabalala - President
 - Ms Refilwe Mokgosi (City of Tshwane) - President Elect
 - Ms Mohlala (City Power) - WIE Chairperson
 - Emfuleni LM for hosting a successful 2016 AMEU Convention
- **Discussion on the 2016 Convention (post mortem)**
 - Speakers did not use the AMEU logo but their own branding, presentations become a marketing tool
 - Resolved to send standard background template to all presenters with the rules and other speaker instructions
 - To discuss with the sponsors about the spouses programme to also cater for male spouses going forward
 - To invite Eskom as a sponsor and exhibitor - in general to be visible at the convention
- **Role of Eskom in the AMEU**
 - Suggestion to afford Eskom the same status as a Metro in terms of the AMEU constitution and that would give place on the Executive. The General Secretary was tasked to invite Eskom to nominate a rep to the EXCO. To forward.
 - Copy of the AMEU constitution to the EXCO members for perusal - all to read the constitution and familiarise.
- **Update by Vally Padayachee (Strategic Advisor)**
 - Arrangements for a stakeholder meeting with the Chief Inspector to discuss the role of electricity inspectors in municipalities
 - A workgroup being established by SALGA to look into the centralization of SSEG application process - aim to have a standardised and simplified commissioning/decommissioning process and the relevant forms - progress - feasible for the standardization process to be completed soon (next SSEG workshop)
 - Eskom has waived the 5% connection levy on electrification project connections
 - SALGA and AMEU have met Eskom on its revenue collection plans for the defaulting municipalities. The proposal was not supported.
- **Financial statements and membership**
 - The General Secretary tabled financial statements and membership statistics which were noted. Healthy financial status of the association. Request to include detailed stats on the branch membership and attendance.
- **Branch reports**
 - Different branch reports were tabled and most branches reported good attendance of their meetings. The Free State branch is experiencing problems and the Mpumalanga branch has not met since its relaunch.
 - Smaller munics facing challenges in executing Electrification Projects example Buffalo City - resolved to encourage larger municipalities to assist smaller ones with electrification, to encourage members to attend the DOE Electrification forum meetings in their provinces

- The Engineer Member in Mangaung has been elected as SARPA President WiE - conference was a success, regional launch in Cape Town attracted 280 attendees. Branches encouraged to promote WiE
- **Vally Padayachee added the follow comments:**
 - DoE and NERSA amending distribution licences. AMEU has given input into this. Awaiting approval by the Minister.
 - Value add for extra tariff for Municipal customer queried in an Ekurhuleni case.
 - SALGA/AMEU workshop set upto look at common application processes.
 - Solar installations need to be done by qualified people. Green card proposed to ensure quality installations. DoL and AMEU are providing input to this process.
 - Eskom – Metros – Municipalities problem of drop of revenue due to renewable generation installations. Current business model needs to be looked at.
 - SALGA has proposals in regard to this. Energy services model could be the solution. Also look at energy trading from an independent source.
 - PowerX who are licenced with NERSA could do a presentation to the Good Hope Branch.
 - Affiliates are not to prominent in PIESA and add value into Africa. Jean Venter can be contacted in this regard.
 - Role of the electrical inspector has created a challenge. Vally to contact DoL Chief Inspector regarding this.
 - Municipal debt – Eskom to install prepaid meters to collect outstanding debt.
 - Cost of supply studies need to be done in all Metros and Municipalities but this comes at a cost. NERSA discussions on this matter are needed. A funding model is needed.
 - Eskom – Supply capacity versus drop in sales mentioned.

14. REPORTS FROM GOVERNMENT DEPARTMENTS / TERUGVOERING VAN STAATS DEPARTEMENTE

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

(See presentation 14-1)

- Geyser load control – funding to be made available in the 2017/2018 financial year
- Can be used to delay grid strengthening
- Proposals from municipalities will be welcomed
- Solar PV training targeted at all Western Cape municipalities and others from the electricity industry
- Notices of this training have been sent to municipalities.
- GreenCape – Smart metering update:
 - Eskom has published the latest revision of the NRS 049 smart metering specification.
 - To get access to this specification please mail [Nomakhuwa Mthembu](mailto:NomakhuwaMthembu) (MthembNJ@eskom.co.za).

14.2 Department of Energy / Departement van Energie (Mhlangabezi Mzalisi)

(See presentation 14-2)

- Performance for 2014/2015, 2015/2016 and 2016/2017 presented.
- Expenditure to date was shown for each municipality
- Generally good performance was reported for all municipalities
- Summary of electricity connections also given
- 2016/2017 highlights presented
 - Rollovers discussed for some municipalities
 - Re-gazetting for 2016/2017 was done in August 2016
- Challenges listed and discussed.

15. **COMPLIANCE / LEGISLATION**

None

16. **INCIDENTS / ACCIDENTS**

The Chairman reported that there was an incident in the Matzikama municipality but he has no details of this.

17. **ITEMS STANDING OVER FOR DISCUSSION FROM 196TH GENERAL MEETING.
ITEMS WAT OORSTAAN VIR BESPREKING VAN DIE 196^{STE} ALGEMENE VERGADERING.**

None

18. **ADDITIONAL ITEMS FOR DISCUSSION / BESPREKING VAN BYKOMENDE ITEMS**

None

19. **MATTERS FROM OTHER BRANCHES / AANGELEENTHEDE VAN ANDER TAK**

None

20. **ELECTION OF OFFICE BEARERS FOR 2017/2018 / VERKIESING VAN AMPSDRAERS VIR 2017/2018**

20.1 **Election of Chairman, Vice-Chairman and Hon. Secretary
Verkiesing van Voorsitter, Ondervoorsotter en Eresekretaris**

The following were elected:

Chairman – Johan du Plessis (Saldanha Bay)

Vice Chairman – Siyabulela Gqwede (Cape Town)

Honorary Secretary – Neil Ballantyne (Retired honorary member)

20.2 **Election of Sub-committee: Wiring Code Revisions and Standard Electricity Supply By-law
Verkiesing van Subkomitee: Bedradingskodehersienings en Standaard Elektrisiteitsvoorsieningsverordering**

It was decided not to continue with this sub-committee as little has had to be reported in recent years. An item can be added to the agenda if discussion on these matters is needed.

20.3 **Election of Good Hope Affiliate Chairman (one vote per affiliate company)
Verkiesing van Goeie Hoop Geaffilieerde Voorsitter**

Gareth Smit was elected

21. **GENERAL / ALGEMEEN**

It will be necessary to elect a new female representative to the Executive Council and WiE due to the resignation of Yolanda Ngalwana from Eskom.

22. **SPONSORSHIP**

In Gareth Smit's absence from this session, Ivar Killian thanked all the firms who had provided generous sponsorship for the meetings, and also thanked Mount View Resort for all the facilities that were provided for the two days of meetings. He also thanked George Municipality, Johan Möller and Kevin Grunewald and all his staff for all the arrangements. Urma Snyman was thanked for arranging the spouses' programme.

23. DATES AND PLACES OF AMEU MEETINGS
DATUMS EN PLEKKE VAN VMEO VERGADERINGS

23.1	17 February 2017	Franschhoek
23.2	12 May 2017	Swellendam
23.3	11 August 2017	Paarl
23.4	9/10 November 2017	Knysna

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

The Chairman thanked all for attending and closed the meeting at 12:50.

NEIL BALLANTYNE
HON. SECRETARY
nballantyne@cybersmart.co.za
CELL 084 909 9308