

THE ASSOCIATION OF MUNICIPAL ELECTRICITY UNDERTAKINGS  
(SOUTHERN AFRICA)

DIE VERENIGING VAN MUNISIPALE ELEKTRISITEITSONDERNEMINGS  
(SUIDELIKE AFRIKA)

GOOD HOPE BRANCH / GOEIE HOOP TAK

MINUTES OF THE 176<sup>TH</sup> GENERAL MEETING OF THE AMEU AFFILIATES/GOOD HOPE BRANCH OF THE ASSOCIATION OF MUNICIPAL ELECTRICITY UNDERTAKINGS (SOUTHERN AFRICA) HELD AT THE KOEBERG POWER STATION, DYNEFONTEIN ON FRIDAY, 20 MAY 2011.

NOTULE VAN DIE 176<sup>DE</sup> ALGEMENE VERGADERING VAN DIE VMEO-GEAFFILLIEERDES/GOEIE HOOP-TAK VAN DIE VERENIGING VAN MUNISIPALE ELEKTRISITEITSONDERNEMINGS (SUIDELIKE AFRIKA) WAT OP VRYDAG, 20 MEI 2011 BY DIE KOEBERG KRAGSTASIE, DYNEFONTEIN GEHOU IS.

ATTENDANCE / BYWONING

MEMBERS / LEDE

W Albertyn (Willem)	- Breede Valley (walbertyn@bvm.gov.za)
PJD Everson (Pieter)	- Cape Agulhas (elekbd@capeagulhas.com)
N Ballantyne (Neil) Secretary	- Cape Town (neil.ballantyne@capetown.gov.za)
JJ van Zyl (Jac)	- Cederberg (vanzylj@cederbergraad.co.za)
R Bindeman (Rens)	- Chairman (rens@mweb.co.za)
M Tinto (Mhlangabezi)	- Dept of Energy (mhlangebezi.tinto@energy.gov.za)
M Verhoeven (Martin)	- Drakenstein (martinv@drakenstein.gov.za)
MC Human (MC)	- Drakenstein (mattheus.human@drakenstein.gov.za)
MJ Rhode (Michael)	- Drakenstein (michael.rhode@drakenstein.gov.za)
JS Coelho (Joe)	- Eskom (coelhoj@eskom.co.za)
LR Richardson (Len)	- Knysna (lrichardson@knysna.gov.za)
J Rossouw (Johan)	- Langeberg (jrossouw@langeberg.gov.za)
CJ Vorster (Chris)	- Langeberg (rferreir@langeberg.gov.za)
D Engelbrecht (Deon)	- Matzikama (Vredendal) (engelbrechtd@matzikamamun.co.za)
S Naidoo (Dick) Chairman	- Mossel Bay (dnaidoo@mosselbaymun.co.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)
J Renney (Joe)	- PGWC/LG (jrenney@pgwc.gov.za)
JH Viljoen (Johan)	- Saldanha Bay (johanv@saldanhabay.co.za)
C du Preez (Cassie)	- Saldanha Bay (dupreezc@saldanhabay.co.za)
FJC Koegelenberg (Floris)	- Stellenbosch (florisk@stellenbosch.org)
JR Hames (Joe)	- Stellenbosch (josephh@stellenbosch.org)
R du Toit (Roelof)	- Swartland (roelof@swartland.org.za)
S Herbst (Salman)	- Swellendam (sherbst@swellenmun.co.za)
LA Swanepoel (Leon)	- Witzenberg (leon@witzenberg.gov.za)
W Albertyn (Willem)	- Breede Valley (walbertyn@bvm.gov.za)
PJD Everson (Pieter)	- Cape Agulhas (elekbd@capeagulhas.com)

**AFFILIATES / AFFILIATE**

B Addinall (Barry)	- ABB SA (Pty) Ltd (barry.addinall@za.abb.com)
JR Cooper (Jennifer)	- Aberdare Cables (jcooper@aberdare.co.za)
S Bombota (Shadrack)	- Aberdare Cables (sbombota@aberdare.co.za)
CR Addams (Charles)	- Actom (charles.addams@actom.co.za)
S Steele (Struan)	- Actom (struan.steele@actom.co.za)
RV Els (Robert)	- Actrom (Robert.els@actom.co.za)
W Long (Wendy)	- Alectrix (wendy@alectrix.co.za)
A Dierks (Alexander)	- Alectrix (alex@alectrix.co.za)
M van Staden (Martin)	- Beha (Pty) Ltd (martinvs@beha.co.za)
S Wilson (Stewart)	- CBI Electric (salesctn@cbi-electric.com)
PG Fisher (Peter)	- Conlog (fisherp@conlog.co.za)
CH Marais (Charl)	- CT Lab (charl@ctlab.com)
LE Knoll (Leon)	- e-Lek Engineering (leon@elek.co.za)
C J Botha (Christo)	- Element Consulting Engineers (cbotha@eceng.co.za)
T Coetzer (Tony)	- ICS (tony@integritycontrol.co.za)
JC Louw (Deon)	- Independent (louwds@mweb.co.za)
I Kilian (Ivar)	- Itron (ivar.kilian@itron.com)
D Janse van Rensburg (Danie)	- Itron (danie.jansevanrensburg@itron.com)
L Schaller (Len)	- Itron (len.schaller@itron.com)
OCT Potgieter (Theo)	- KV3 Engineers (tpotgieter@kv3.co.za) [Worley Parsons RSA]
TG Moiloa (Thabiso)	- Landis & Gyr (thabiso.moiloa@landisgyr.com)
D Plotz (Derick)	- Light Be (derick@lightbe.co.za)
F Jacobs (Fanie)	- Light Be (fanie@lightbe.co.za)
GG Brown (Gerard)	- Megatron (Gerald@megatron.com)
G Brown (Gerald)	- Megatron Federal (ferald@megatronfederal.com)
G Smit (Gareth)	- Megatron Federal (gareth.smith@ellies.co.za)
M Tyszowieuci (Mike)	- Patch Industrial Supplies - Masterlock
RC Millard (Ron)	- PB Power (millard@pbworld.com)
N Douglas (Neal)	- PM&D (neald@powermeasurement.co.za)
P Willers (Peter)	- Poly Box (peter@polybox.co.za)
G Schaufelbuhl (Greg)	- Progressive Energy (energy2energy@gmail.com)
CG Scheepers (Carel)	- Schneider (carel.scheepers@schneider-electric.com)
M van Heerden (Marius)	- Schneider (marius.van-heerden@sneider-electric.com)
B Nene (Bheki)	- Siemens (bheki.nene@siemens.com)
K Clack (Kevin)	- Spectrum (kevin.clack@spectrumcom.co.za)
E Subramoney (Edwin)	- Strike Technologies (edwins@strike.co.za)
P Casalvolone (Paul)	- TIS (pcasalvolone@tis.sa.com)
E van Heerden (Erna)	- Training for Africa (erna@trainforafrica.co.za)
PB Smuts (Peter)	- WCAEIA (info@wcaeia.co.za)
L Labuschagne (Lappies)	- WCAEIA (sm@wcaeia.co.za)

## 1. OPENING AND WELCOME / OPENING EN VERWELKOMING

1.1 The meeting was opened with prayer and the Chairman welcomed all to the meeting.

### 1.2 Arrangements/Reëlings

Mr Struan Steele gave details of the arrangements for the tea break at 10:30 and the lunch at ± 13:00.

### Acknowledgments/Bedankings

The Chairman thanked Eskom for providing the facilities, and the Affiliates for their generous sponsorship that makes these meetings possible.

### 1.4 Announcements/Aankondigings

The Chairman welcomed:

Selman Herbst, the new Engineer Member from Swellendam Municipality,  
Robert Pullinger, Master Lock, a new Affiliate Member,  
Leon Knoll, e-Lek Engineering.

## 2. APOLOGIES / VERSKONINGS

PE Fowles (Peter)	-	AMEU (pf15@mweb.co.za)
GS Stopford (Greg)	-	Cape Town (greg.stopford@capetown.gov.za)
SW Arendse (Sheval)	-	Cape Town (Sheval.Arendse@capetown.gov.za)
FH du Toit (Francois) Vice Chairman	-	Theewaterskloof (francoisdu@twk.org.za)
C Coetzer (Claudia)	-	ICS (claudia@integritycontrol.co.za)
DJD van Niekerk (Dawie)	-	Landis & Gyr (dawie.vanniekerk@landisgyr.com)
IP Kruger (Isaac)	-	Schneider (issac.kruger@za.schneider-electric.com)
RW Bartle (Roland)	-	Schneider (roland.bartle@za.schneider-electric.com)

## 3. CHANGE OF ADDRESS / ADRESVERANDERING

None

## 4. CONFIRMATION OF THE MINUTES OF THE AMEU AFFILIATES / GOOD HOPE BRANCH'S 175<sup>th</sup> GENERAL MEETING HELD AT THE LAMBERTS BAY HOTEL, LAMBERTS BAY ON FRIDAY, 20 MAY 2011.

BEKRAGTIGING VAN DIE NOTULE VAN DIE VMEO-GEAFFILLIEERDES / GOEIE HOOP TAK, 175<sup>de</sup> ALGEMENE VERGADERING WAT OP VRYDAG, 20 MEI 2011 BY DIE LAMBERTSBAAI HOTEL, LAMBERTBAAI GEHOU IS.

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

4.2 The minutes were confirmed as being correct.

## 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 15**  
**BYKOMENDE ITEMS VIR BESPREKING UNDER ITEM 15**

None

7. **CORRESPONDENCE / KORRESPONDENSIE**

None

8. **REPORTS / VERSLAE**

8.1 **Progress of AMEU/Eskom Sub-Working Groups**  
**Vordering van die VMEO/Eskom-subwerkgroep**

The representatives of the various Sub-Working groups responded as follows:

8.1.1 **Eden and Klein Karoo**

Nothing new to report

8.1.2 **West Coast**

Nothing new to report

8.1.3 **Overberg**

Michael Rhode reported that a new chairman must still be elected due to the retirement of Jan Coetzee.

8.1.4 **Cape Winelands**

Nothing to report

8.1.5 **Cape Town Metro**

Nothing to report

After a discussion it was agreed that as these Sub-working groups were formed to facilitate the formation of the REDs, this item would be removed from future meeting agendas.

8.2 **Report from the Representatives on the Executive Council**  
**Verslag van Verteenwoordigers op die Uitvoerende Raad**

Mr Michael Rhode gave an update on issues discussed at the Executive Committee meeting held on 27 – 28 July 2011. (See attached presentation)

8.3 **Sub-Committee: Wiring Code Revisions and Standard Electricity Supply By-Law**  
**Subkomitee: Bedradingskodehersienings en**  
**standaardelektrisiteitsvoorsieningsverordening**

Neil Ballantyne stated that the Amendment 8 to SANS 10142-1 Wiring Code is due to be published for comment before the end of the year.

Peter Smuts, WCAIA, mentioned:

- ECB no longer exists
- ERIC is a voluntary organization
- Approved Inspection Authorities are appointed by Department of Labour
- Certificate of Compliance has 2 parts - description & report - this to be revised
- Revised Electricity Machinery Regulations:

Electric fence section extensively revised  
From next year installers need to be registered

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

Rens Bindeman reported:

- Effect on smart meter on RP – beneficial
- Ghost vending in becoming a bigger problem
  - o Need strategy to combat this
- RP training discussed. Contact Rens Bindeman if training is needed.
- Copper theft – a major problem in SA. SARPA is playing a big role to combat this.
- On next Monday night at 8:30 SARPA and Department of Commerce to debate copper theft issue
- Remember to look internally to municipality for theft as well

## **10. REPORT FROM DEPARTMENT OF LOCAL GOVERNMENT / TERUFVOERING VAN DEPARTMENT VAN PLAASLIKE OWERHEDE**

Joe Renney reported:

- Master planning funding available to Municipalities to assist with future planning. Consultants will be available to Municipalities.
- Report highlights that more Municipalities need assistance with master planning.
- Training : DBSA can provide training funds.
- Short circuit course presented. Positive feedback received on this course from municipal staff who attended.
- Internship to value of R50m available to Municipality. Intern must be under mentorship of ECSA registered Pr. Eng. Deon Louw has offered his services as a mentor.
- DoE / AMEU forum established. DoE rep is Mhlangabezi Tinto.
- Service providers have heard that they can train Municipal staff. Note that only approved trainers can be used. Advice on this can be obtained from Joe Renney.
- Len Richardson asked if meter reader training is available. Joe Renney is working on providing this.
- Suggestion that ECSA registered affiliate staff can assist Municipality with non-registered people with mentoring.
- Call for retired Pr Eng members to act as mentors.
- MIG funding only for street lighting and high mast lighting. Bulk infrastructure funding to be provided by DoE.
- It will become compulsory in future for Town Electrical Engineers to be registered with ECSA.

## **11. COMPLIANCE / LEGISLATION**

None

## **12. INCIDENTS / ACCIDENTS**

Nothing reported

## **13. PRESENTATIONS/ AANBIEDINGE**

- 13.1** Fukushima Di-ichi Nuclear Power Station Disaster
- Terry Chowles – Koeberg Power Station

A very interesting presentation on the earthquake and tsunami disaster in Japan was given.

- 13.2** Discussion of System approach to voltage sag (dips) and swell (surge) analysis.

- Charl Marias – CT Lab
- Causes of dips – network faults which are random.
- Voltage regulation plays a part in dips and surges.
- Voltage magnitude has to be completed with in terms of NRS 048 – Quality of Supply.
- Power quality training to be given by Dr Johan Rens.

### 13.3 E-lek Engineering

- Leon Knoll
- Introduction to company given.
- Service and repair of sectionalises, auto recloses, voltage regulators
- Training of people in service of this equipment
- Sell distribution equipment
- Retrofit circuit breakers
- Supply pole top capacitors
- FR3 delective fluid supplied
- Office now in Blackheath Cape Town

### 13.4 Master Lock – High Security locks

- Robert Pullinger
- Demonstration of non-cutttable lock shockers
- Comp[any profits presentation
- Lock products discussed
- Key control programs
- Key profiles and blanks restricted
- Master key system opens all available locks
- Different levels of security available
- Various hasp & staples and chains available
- Key storage modules
- Key cabinets
- Safety lock products
- Safety training provided

## 14. **ITEMS HELD OVER FOR DISCUSSION FROM 175<sup>th</sup> GENERAL MEETING** **ITEMS WAT OORSTAAN VIR BESPREKING VAN 175<sup>de</sup> ALGEMENE VERGADERING**

None

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

None

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

None

## 17. **GENERAL / ALGEMEEN**

Nothing raised

## 18. **SPONSORSHIP**

Mr Struan Steele thanked all the firms who generously provided sponsorship for the meeting. A plea was made to Municipalities to provide sponsorship for what is effectively a municipal meeting – even if this is the provision of a meeting venue. Eskom was thanked for providing the venue for the meeting and the Melkbos country Club for hosting the Thursday evening function.

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

10/11 November 2011 Mossel Bay (Mossel Bay Municipality)

The Chairman thanked all for attending and closed the meeting at 13:20.

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**CHAIRMAN**

N BALLANTYNE  
HON. SECRETARY  
[neil.ballantyne@capetown.gov.za](mailto:neil.ballantyne@capetown.gov.za)  
TEL 021 506 3802  
FAX 021 511 5408  
CELL 084 909 9308