

THE SOUTHERN AFRICAN REVENUE PROTECTION ASSOCIATION

GOOD HOPE BRANCH / GOEIE HOOP TAK

MINUTES OF THE SARPA GOOD HOPE BRANCH'S 81ST GENERAL MEETING HELD AT THE CHURCH HALL, CNR HUGUENOT ROAD (R45) AND CHURCH STREET, FRANSCHHOEK ON THURSDAY, 16 FEBRUARY 2017 AT 14:00.

NOTULE VAN DIE SARPA GOEIE HOOP-TAK SE 81^{STE} ALGEMENE VERGADERING WAT OP DONDERDAG, 16 FEBRUARIE 2017 OM 14:00 BY DIE KERKSAAL, HOEK VAN KERKSTRAAT EN HUGUENOTWEG (R45), FRANSCHHOEK GEHOU IS.

ATTENDANCE / BYWONING

MEMBERS / LEDE

PJD Everson (Pieter)	- Cape Agulhas (piete@capeagulhas.com)
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 Nkonyane	- Drakenstein
J Bence (Jaco)	- Drakenstein (jacob@drakenstein.gov.za)
M Verhoeven (Martin)	- Drakenstein (martinv@drakenstein.gov.za)
PG de Vries (Paul) Chairman	- Drakenstein (paul@drakenstein.gov.za)
W Albertyn (Willem)	- Drakenstein (willie.albertyn@drakenstein.gov.za)
A Makan (Athena)	- Eskom (MakanA@eskom.co.za)
BM da Silva	- George
J Sinden (John)	- George (johns@george.org.za)
KD Grunewald (Kevin)	- George (kevin@george.org.za)
T Barnard (Tiaan)	- George (tiaan@george.org.za)
MJ Rhode (Michael)	- Knysna (mrhode@knysna.gov.za)
D Maree (Danie)	- Overstrand (dmaree@overstrand.gov.za)
JH du Plessis (Kobus)	- Overstrand (kduplessis@overstrand.gov.za)
C du Preez (Cassie)	- Saldanha Bay (Cassie.Dupreez@sbm.gov.za)
R Bindeman (Rens)	- SARPA (rens@mweb.co.za)
M Slabber	- Stellenbosch
FJC Koegelenberg (Floris)	- Stellenbosch (floris.koegelenberg@stellenbosch.gov.za)
V Dyusha (Victor)	- Stellenbosch (victor.dyasha@stellenbosch.gov.za)
B Marais (Belinda) Vice Chairman	- Swartland (maraisb@swartland.org.za)
T F Rossouw (Tom)	- Swartland (rossouwt@swartland.org.za)
FH du Toit (Francois)	- Theewaterskloof (francoisdu@twk.org.za)

AFFILIATES

B Addinall (Barry)	- ABB SA (Pty) Ltd (barry.addinall@za.abb.com)
F Boucher (Frans)	- ABB SA (Pty) Ltd (frans.boucher@za.abb.com)
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T Herman (Trudy)	- Actom (trudy.herman@actom.co.za)
G Smit (Gareth)	- Cape Armature Winders (gareth@capearm.co.za)
K Mali (Khaya)	- CBI Electric (kmali@cbi-electric.com)

S Wilson (Stewart)	- CBI Electric (stewart.wilson@cbi-electric.com)
WF van Wyk (Willie)	- CT Lab (willie@ctlab.com)
D Turton (Dave)	- Edgeline Engineering (dave@edgeline.co.za)
CG Hampshire (Clive)	- Emerald Infrastructure Solutions (clive.h@emerald-is.co.za)
A Hugo (Andrew)	- Eya Bantu Professional Services (andrewhugo@eya-bantu.co.za)
A Gabier (Ayesha)	- Gibb (agabier@gibb.co.za)
P Jacobs (Phillip)	- Gibb (phjacobs@gibb.co.za)
M Leighton (Michael)	- Green Cape (michaelleighton@green-cape.co.za)
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R Petersen (Rezaan)	- Landis & Gyr (rezaan.petersen@landisgyr.com)
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L Lerm (Leon)	- LL Energy (leon@llenergy.co.za)
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M Tyszowiecki (Mike)	- Patch Industrial Supplies - Masterlock (patch@worldonline.co.za)
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T Mahokoto (Temba)	- Powertech T4 (temba.mahokoto@pttransformers.co.za)
MJ Benson (Mark)	- Solethu Energy (markbe@soleth.co.za)
J Jansen Van Rensburg (Johan)	- T-Systems (Johan.JansenVanRensburg@t-systems.co.za)
N Lewis (Neels)	- T-Systems (Neels.Lewis@t-systems.co.za)
S Kama (Sindile)	- T-Systems (sindile.kama@t-systems.co.za)

RETIRED MEMBERS

J Pereira (Jorge)	- Honorary member (jorgepereira43@yahoo.co.za)
N Ballantyne (Neil) Secretary	- Honorary member (nballantyne@cybersmart.co.za)

1. OPENING AND WELCOME / OPENING EN VERWELKOMING

1.1 Opening / Opening

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

1.2 Arrangements / Reëlings

The Chairman advised that tea/coffee would be served at 15:30 and a supper has been arranged for 18:00 at the Franschoek Bowling Club.

1.3 Acknowledgements / Bedankings

The Chairman thanked the Stellenbosch Municipality, Floris Koegelenberg (whose last meeting this is before his retirement at the end of the month) 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**

None

2. **APOLOGIES / VERSKONINGS**

R van Staden (Roelof)	-	Beaufort West (roelof@beaufortwestmun.co.za)
HJ Benecke (Henk)	-	Brede Valley (hbenecke@bvm.gov.za)
DR Gabriels (David)	-	Drakenstein (davidg@drakenstein.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)
J du Plessis (Johan) Chairman	-	Saldanha Bay (johan.duplessis@sbm.gov.za)
P van den Heever (Pierre)	-	Witzenberg (pierre@witzenberg.gov.za)
ME Brandt (Michael)	-	ABB SA (Pty) Ltd (mike.brandt@za.abb.com)
MF de Swardt (Mike)	-	ABB SA (Pty) Ltd (mike.deswardt@za.abb.com)
C Kalp (Clyde)	-	CT Lab (clyde@ctlab.com)
G Shear (Gray)	-	Edgeline Engineering (gary@edgeline.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)
JJG Nel (Johan)	-	Honorary member (neljgg@gmail.com)

3. **CHANGE OF ADDRESS / ADRESVERANDERINGS**

None

4. **CONFIRMATION OF THE MINUTES OF THE SARPA GOOD HOPE BRANCH'S 80TH GENERAL MEETING HELD AT THE MOUNT VIEW RESORT, YORK STREET, GEORGE ON THURSDAY, 10 NOVEMBER 2016.**

BEKRAGTIGING VAN NOTULE VAN DIE SARPA GOEIE HOOP TAK SE 80^{STE} ALGEMENE VERGADERING GEHOU OP DONDERDAG, 10 NOVEMBER 2016 BY DIE MOUNT VIEW OORD, YORKSTRAAT, GEORGE.

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

4.2 The adoption of the minutes was 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**

The Chairman asked if anyone had heard anything regarding the Municipal Systems Act being taken to the Constitutional Court. No one had heard about this.

The Chairman mentioned that the Police declined to arrest a juvenile who had broken into a Drakenstein substation through the roof. The Municipality had to use a municipal vehicle to take the culprit to a juvenile facility.

6. ADDITIONAL ITEMS TO BE DISCUSSED UNDER ITEM 10 –MEMBERS’ FORUM
BYKOMENDE ITEMS VIR BESPREKING ONDER ITEM 10 – LEDE SE BESPREKINGS FORUM

NERSA issues - Leon Lerm
Green energy issues – Floris Koelenberg

7. CORRESPONDENCE / KORRESPONDENSIE

None

8. REPORTS / VERSLAE

Infrastructure Theft – Police report for November / December 2016

- 8.1** The November / December 2016 theft statistics were presented by Paul de Vries (see presentation 8-1). Paul reiterated all that theft cases must be reported to the Police otherwise accurate statistics are not possible. Monetary losses, the number of cases and the successful arrests were presented.
The top 5 stations in the Western Cape were shown.
Comparison was given between the statistics for 2015 and 2016.
Commodity losses were listed.

Floris Koegelenberg mentioned that cable theft is a problem, even with security on site, especially on new installations. Need to use very strong kiosks to prevent access. They are using Trimble product on trial at present.

PV panels are being installed but there is still a new for a good grid connection. The payback periods are long.

PV panels are a problem to the Fire Brigade in the cases of fires – electrical back feed issues.

8.1 Executive Committee Report (Rens Bindeman)

(See presentation 8-2)

- Quarterly meeting are being held with the Hawks
- Rens has now returned to SA after working in Nigeria for a time
- New developments
 - o NRS 101 & 055 are being revised at the moment
 - o Some branches are still struggling. They need to be given assistance
 - o IURPA meeting held in Philadelphia. SARPA is now back on IURPA’s board
- 2016 IURPA Conference highlights covered
- Executive workshop was held and the points raised were discussed
- Infrastructure crime project – new Criminal Matters Amendment Act is being rolled out by the Hawks and the NPA
- Training manuals are being produced and will be available by May 2017
- Branch development
 - o Support to struggling branches
 - o Nigerian meeting mentioned
 - o Other international branches to be launched
- NRS 080 – Calculation of losses – needs to be revised
- Cable marking standard is being developed
- Project reports covered
 - o Training
 - o Evidence giving
 - o Other courses are being developed
- Events calendar presented – SARPA convention to be held in Johannesburg.

9. PRESENTATIONS

- 9.1 “An Electricity Revenue Protection use case for Municipalities”**
- Johan Janse van Rensburg – T-Systems

(See presentation 9-1)

- Presentation of company services and facilities given
- Use cases discussed
- AMI platform used
- Prepaid and post-paid is supported
- Moving to smart metering
- Multi-purpose platform
- Basic metering for lower income households
- Smart metering for complex households
- Can be used for water services as well
- Device used was shown and explained
- Adapter uses the common base meter's diagnostic port to create a smart meter
- One intelligent platform to enable multiple services
- System is STS compliant
- Using adapter common base meter credit can be loaded remotely
- Engineering codes can also be loaded remotely
- Aim is to use existing meters and not to install new meters
- Business benefits were listed
- Service offering and high level pricing presented
- Use of TOU tariffs is possible – back end system does the adjustments
- Cyber security is covered by exchange of certificates from MUS to back end.

9.2 Drakenstein Water Revenue Protection and Best Practice – Sifiso Mkonyane – Drakenstein Municipality

(See presentation 9-2)

- Map of area with towns shown
- Statistics on water network given
- Facts on interventions to save water presented
- Interventions discussed and tariff explained
 - o Every connection is now metered
 - o Public awareness is a priority
 - o Infrastructure is being refurbished
 - o Pressure management is undertaken
- Results and successes listed
 - o Impressive water savings achieved from 1999 to 2015
 - o Non-revenue water improvement shown
- Measures required to sustain savings were shown
- Telemetry system diagram shown and explained
- Photos of pump station infrastructure shown
- Installation of pepper spray intrusion systems has reduced theft and vandalism in pump stations
- Challenges listed
- Conclusions given.

10. MEMBERS' FORUM:

Floris Koegelenberg (Stellenbosch):

PV panel installations

- Problems with grid tied systems – safety issue
- Limitations on size of PV installation – how does one calculate this?

Victor Dyusha (Stellenbosch):

- Embedded generation is increasing. NRS 097 compiled but how does one interpret the values of the installation and backfeed?
- Figures discussed for different size connections
- Billing issues raised – calculations to be used – ie. number of hours per day

Paul de Vries (Drakenstein):

- Explained how they treat backfeeds and tariffs used. Suggested TOU tariff

Greg Stopford said that City of Cape Town use an export tariff of 61c/kWh. Prepayment meter cannot reverse credit where export occurs

Victor asked if customer can feedback more than they consume.

Reply was – Yes, but there are limitations.

Danie Maree (Overstrand) stated that they must be a net consumer over a 12 month. Period

Greg said this is the same in Cape Town

Kevin Grunewald (George) – TOU tariff for import and export and use a fixed monthly charge.

Michael Rhode (Knysna) said that NRS 097 is a guideline and the Overstrand's practice is a good one

Paul said can see the saving with an old installation from the history, but there is no history with a new installation. Domestic supplies are the problem.

George municipality use a 3 part tariff for domestic supplies

Victor asked if there are policy guidelines from NERSA.

Michael replied that GreenCape have developed policies. They can be contacted. And he will find they are very useful.

NERSA – Leon Lerm (LL Energy)

- Meeting held with NERSA
- When strange codes are punched into the meters he uses the keypad disconnects after 5 incorrect codes have been entered
- A reset tamper fee is then levied to reset and reconnect the meter
- Consumer appealed to NERSA
- NERSA said that consumer must be refunded the fee
- His view is that the NERSA staff are not competent to judge and give this ruling
- Can SARPA speak to NERSA to address this problem?
- This situation needs to be managed
- These fees are only applied after there have been 5 incidences of tampering
- A code needs to be entered into the meter to reconnect the keypad
- Michael Rhode suggested the fee should recover the actual cost incurred – about R500 for the visit to site
- Keith Stober (Cape Town) stated that all tampers must be treated equally – use same fee for all types of tampering. In Cape Town fees have been lifted due to the high incidences of tampering to deter this practice
- Michael said tariff (call out fees) need to be able to be explained as to how they are calculated
- Paul said some grey areas exist – what causes meter to default and how is this determined?

11. ITEMS HELD OVER FOR DISCUSSION FROM PREVIOUS GENERAL MEETING
ITEMS WAT OORSTAAN VIR BESPREKING VAN DIE VORIGE ALGEMENE VERGADERING

None

12. MATTERS FROM OTHER PROVINCES

None

13. GENERAL / ALGEMEEN

None

14. SPONSORSHIPS

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

15. DATES AND PLACES OF MEETINGS
DATUMS EN PLEKKE VAN VERGADERINGS

Dates and places of SARPA meetings in 2017
Datums en plekke van SARPA vergaderings in 2017

15.1	11 May 2017	Swellendam
15.3	10 August 2017	Paarl
15.4	9 November 2017	Knysna

16. Closing of meeting by Chairman.
Sluiting van vergadering deur die Voorsitter.

The Chairman thanked all for attending and closed the meeting at 17:15.

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