

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

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

GOOD HOPE BRANCH / GOEIE HOOP TAK

MINUTES OF THE 182nd GENERAL MEETING OF THE AMEU AFFILIATES/GOOD HOPE BRANCH OF THE ASSOCIATION OF MUNICIPAL ELECTRICITY UTILITIES (SOUTHERN AFRICA) HELD AT THE HAROLD PORTER BOTANICAL GARDENS, BETTY'S BAY ON FRIDAY, 22 FEBRUARY 2013.

NOTULE VAN DIE 182^{de} ALGEMENE VERGADERING VAN DIE VMEU-GEAFFILLIEERDES/GOEIE HOOP-TAK VAN DIE VERENIGING VAN MUNISIPALE ELEKTRISITEITSONDERNEMINGS (SUIDELIKE AFRIKA) BY DIE HAROLD PORTER BOTANIESE TUINE, BETTIESBAAI OP VRYDAG, 22 FEBRUARIE 2013 GEHOU IS.

ATTENDANCE / BYWONING

MEMBERS / LEDE

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RETIRED MEMBERS

- AG Wearne (Archie) - Retired member (awearne@telkomsa.net)
 J Pereira (Jorge) - Retired member (jorgepereira43@yahoo.co.za)

1. OPENING AND WELCOME / OPENING EN VERWELKOMING

The Acting Chairman opened the meeting and welcomed all to the meeting and introduced the Mayor of the Overstrand Municipality, Ms Nicolette Botha-Guthrie, who addressed the meeting, after which the meeting was opened with prayer.

1.2 Arrangements/Reëlings

Jacques Visser gave details of the arrangements for the tea break at 10:00 and a supper which will be held at 19:30.

1.3 Acknowledgments/Bedankings

The Acting Chairman thanked the Harold Porter Botanical Gardens for the use of the facilities, Jacques Visser for the arrangements, and the Affiliates for their sponsorship.

1.4 Announcements/Aankondigings

None

2. APOLOGIES / VERSKONINGS

- N Rossouw (Neels) - [Bergrivier \(rossouwn@bergmun.org.za\)](mailto:rossouwn@bergmun.org.za)
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 JGG Nel (Johan) - [Honorary member \(neljjg@gmail.com\)](mailto:neljjg@gmail.com)

3. CHANGE OF ADDRESS / ADRESVERANDERING

Johan du Plessis is now with Saldanha Bay Municipality.

4. CONFIRMATION OF THE MINUTES OF THE AMEU AFFILIATES / GOOD HOPE BRANCH'S 181ST GENERAL MEETING HELD AT MOUNT VIEW RESORT, YORK STREET, GEORGE ON THURSDAY, 8 NOVEMBER 2012 AND FRIDAY, 9 NOVEMBER 2012. BEKRAGTIGING VAN DIE NOTULE VAN DIE VMEO-GEAFFILLIEERDES / GOEIE HOOP TAK, 181^{STE} ALGEMENE VERGADERING BY DIE MOUNT VIEW OORD, YORKSTRAAT, GEORGE GEHOU OP DONDERDAG, 8 NOVEMBER 2012 EN VRYDAG, 9 NOVEMBER 2012.

- 4.1 Copies of the minutes of meeting had been circulated to all members.
- 4.2 Corrections: Item 8.1 –
 “Overberg – NERSA approval of tariffs – Request for approval earlier so municipality can **react**”
 “Boland – Courses **ORHVS**”
- 4.3 The adoption of the minutes was proposed by Danie Maree and duly seconded by Joe Coelho.

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 17 BYKOMENDE ITEMS VIR BESPREKING UNDER ITEM 17

1. University of Stellenbosch – Presentation on green energy.
2. Illegal and unsafe connections
3. Mechanical and fleet services.

7. CORRESPONDENCE / KORRESPONDENSIE

None

8. PRESENTATIONS BY AFFILIATES / AANBIEDINGS DEUR GEAFFILLIEERDES

1. **Case study – Ekweleni – Dip Problem** - CT Lab – Charl Marais
 - Discussion of dip problem at Nampak in Germiston which experienced power quality problems.
 - Presentation of graphs and data recorded on measuring instruments.
 - Dips are sourced from outside the Nampak network but also from their own network.
 - How information can be extracted from data eg. Day and time of problem.
 - Dip analysis in Overstrand also discussed.
 - Power quality portal available at www.pq-portal.com can be used for storing data and extracting reports – provided by CT Lab.
2. **The importance of local lighting manufacturers and development of lighting fixtures for our African conditions** – Randal Wahl – Regent Lighting.
 - Overview of Company given.
 - The importance of active citizenship highlighted.
 - Employment and skills development.
 - Foreign exchange is important.
 - Unique local conditions – eg. lights burn during the day at high ambient temperatures.
 - Lighting structure for Cape Town Stadium in Green Point mentioned.
 - Examples of other special structure shown.
 - Political pressure has an impact.
 - Manufactures are problem solvers for special applications.
 - Innovation and design to light up historical sites.
 - Lighting for architectural requirements.
 - Multi-functional fittings possible.

- Recreation of old poles using aluminium.
- Quality certification.
- Need to attract young people to the industry.

9. REPORTS / VERSLAE

9.1 **Feedback from Local Area Working Groups** **Vordering van Plaaslike Gebied Werkgroepe**

- **Overberg** - Deon Louw reported on:
Shared Supply Chain Management
 - Use each other's stores to draw material
 - How can this be made to work from MFMA point of view.
 - Damaging of Eskom cables when repairing water pipes. Arrangement made to avoid this.
 - Fire destroyed 66kV line, needs to be redesigned. Discussion with Eskom held.
- **Wynland (previously Boland)** - MC Human reported that no meeting was held during the period.
- **Eden**
 - Meeting held on 23 November 2012.
 - Construction Co gave insight into their workings. Well attended.
- **West Coast**
 - Investigation on behalf of SALGA – take-over of Eskom areas by Municipalities.
 - Consultant appointed by SALGA.
 - Analysis done over 20 year period.
 - Advantages and problems which would be experienced if areas were to be taken over – financial viability.
- **Central Karoo**
 - No report

9.2 **Report from the Representatives on the Executive Council** **Verslag van Verteenwoordigers op die Uitvoerende Raad** **(See presentation 9-2)**

Peter Fowles highlighted the following:

- Report given on discussions at standing committees.
Highlights :
 - Low pressure solar water heating for RDP housing – funding issue.
 - Water quality is an issue.
 - Roof structure strength a problem!
 - Financial statements – unaudited surplus of ± R30 000 for the year.
 - Annual Convention to be held 6 to 9 October 2013 in Buffalo City.
 - Affiliate membership is growing.
 - Eskom / Municipal boundary disputes. SALGA / Eskom meeting held to try to resolve issues.
 - Certificate of Compliance issues. AMEU to try and get clarity.
 - Embedded generation - workgroup formed to develop recommendation - legislation, tariff issues.
 - Electricity supply by-law issues
 - NERSA – rationalisation of tariff structures.
 - Regulation R773 – blanket exemption requested by AMEU – no reply received yet but reply promised by DoE.
 - Annual tariff survey will be made public when refined.
 - HV cable training in City of Cape Town.
Cape Town will make training material available to Municipalities
Contact : Selwyn.scholtz@capetown.gov.za
 - AMEU Government Certificate competency bursaries.
 - Artisan trade test procedure.
 - LGSETA / Municipal Electrical Training Workshop to share course material.

- MFMA financial training requirements for Section 56 & 57 employees.
- Copper theft and illegal connections.
- Electrification / NEAC matters project performance is poor.
- Max Clarke requests contributions for AMEU News.
- NERSA D forms – workshop to be held 22 February, only notified of this on 18 Feb. Regulation Reporting Manual to be put onto AMEU website.

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

- Embedded generation – By-law clauses do not always cover certain conditions relating to embedded generation.
- Need to develop a new standard by-law.
- Overstrand to develop their By-law from which the standard by-law can be developed.

10. FEEDBACK FROM SARPA / TERUGVOERING VAN SARPA

Rens Bindeman reported:

- Yesterday's meeting was the best attended meeting in SA to date.
- Improvement of membership and financials in all branches is being encouraged.
- A champion needs to be found in each branch.
- Need better agendas (with details of presentations, etc) issued for meetings.
- No commercial conferences will be supported in future.
- SARPA will be holding its own conferences.
- Training held at Kafue Gorge, Zambia for Central African area.
- Training manual for SAPS has been completed and will start to be used in SAPS training colleges.
- Revenue recovery project toolkit will be available on SARPA website.
- Non-technical loss calculations, NRS 080, will be run as a pilot before document is finalised.

11. REPORTS FROM GOVERNMENT DEPARTMENTS / TERUGVOERING VAN STAATS DEPARTEMENTE

**11.1 Department of Local Government / Departement van Plaaslike Owerhede
(Joe Renney)**

(See presentation 11-1)

- List of PV projects under construction given.
- Department of Energy: Inter-Government Forum held in Midrand in 2012. "Launch of Strategic Integrated Projects (SIP's) 8 – 10"
- MIG projects discussed.
- Building & Electrical projects
- Municipal assessments being done at request of Municipal Manager.
- Findings discussed
- Capacity building.
- Future developments in pipeline discussed.

**11.2 Department of Energy / Departement van Energie
(Mhlangabezi Mzalisi)**

(See presentation 11-2)

2011/12; 2012/13; 2013/14 – Expenditure status, process and allocations covered.

**12. "Grid Code requirements for load forecasting" – Eskom
(Ronald Marais)**

(See presentation 12)

- Contextualising forecasts and information exchange.
- Open access to transmission grid needed for future competition.

- Base is a good forecast of load and generation sources.
- Grid code requirements discussed.
- 10 year outlook of energy and demand is needed each year.
- Information Exchange Code for reciprocal obligations of parties mentioned.
- Spatial planning information sharing needed.
- List of requirements given.
- To ensure safe and open access grid code needs to be complied with.

13. COMPLIANCE / LEGISLATION

None

14. INCIDENTS / ACCIDENTS

None

15. PRESENTATIONS BY AFFILIATES / AANBIEDINGS DEUR GEAFFILIEERDES

3. Small Scale Renewals Energy - Impacts and opportunities for local municipalities –

Andrew Janish - Sustainable Energy Africa.

(See presentation 15-3)

- How do we develop sustainable Electricity Departments
- PV sourced energy will become cheaper than energy from grid, also installation of solar water heaters.
- Effect on revenue of municipalities.
- Breakdown of customer base given.
- Development of tool to accurately calculate potential revenue loss discussed.
- Solution will be to restructure tariffs – use of service charges, fix charge for net metering.
- Effect on cross subsidisation of low income consumers discussed.
- Move of high end consumers into FBE bracket!
- Conclusion and recommendations given.
- More studies are to be undertaken with other cities in the future.
- Workshops to be arranged.

4. Drakenstein Asset Management & Maintenance Systems (AMMS) – Bouke Spoelstra - Vitasi

(See presentation 15-4)

- Unified banners processes for all work.
- Service Management process.
- Help desk – client calls.
- Location identification.
 - use of asset register
 - GIS linked
- Verify duplicate service requests.
- Capital Expenditure projects process work planning.
- Preventative maintenance.
- Corrective & emergency maintenance.
- Optimisation of work – focus area.
- Roles in Managing works discussed.
- Tools available to use presented.
- Real time dispatch and monitoring.
- Mobile interface.
- GPS routing provided.
- Vehicle tracking available.
- Meter management lifecycle.
- Value to municipality highlighted.

5. Domestic Tariff Structure - Hendrik Barnard

- Pricing signals of tariffs. Based on pricing signals, PV panels should not be installed.
- Inclining block tariffs (IBT) are illegal!
- With IBT middle class in being sustained by high end users.
- Resellers are in trouble due to IBT.
- IBT is now cost reflective.
- Renewables and lost revenue an issue.
- IBT has no demand signal.
- Need to have two directional meters (prepayment).
- Issues have been raised with NERSA.
- Electricity pricing policy needs to be drafted.
- Indigents – single rate tariff needed with rules attached. Need to limit capacity and consumption limit per month.
- For other tariffs need basic and network changes with energy change.
- How can fixed charges be recovered on vending system. This can be problematic. For regular purchase this works but not for others. Suggest fixed charge be billed with rates account. Electricity can then be disconnected if account is not paid.

16. ITEMS HELD OVER FOR DISCUSSION FROM 181st GENERAL MEETING ITEMS WAT OORSTAAN VIR BESPREKING VAN 181^{ste} ALGEMENE VERGADERING

None

17. ADDITIONAL ITEMS FOR DISCUSSION / BESPREKING VAN BYKOMENDE ITEMS

1. Stellenbosch University - presented by Karin Kritzinger (karin@green-cape.co.za) and Corli Leonard (corli@sun.ac.za)

Case study carried out in Hessequa Municipality
Effect of grid connected PV on Municipalities and consumers.
How do Municipality engage with this? Re: loss of revenue
Deadline for responses in time for release of report at end of March 2013.

2. Floris Koegelenberg -
Illegal and unsafe connections to informal dwellings

Supply taken from metered connections
How do we manage this situation?
Rens Bindeman stated that Worcester is dealing with this – a tender is being developed.

3. Kevin Grunewald –
Mechanical & Fleet services

Platform for discussion of this topic needed. Will this be helpful?
Should this be included in future meetings?
Johan du Plessis asked if time is available at our meetings?
We need to try to have a separate avenue to discuss this topic.
Deon Louw to take this up with EXCO and SALGA.

18. MATTERS FROM OTHER BRANCHES / AANGELEENTHEDE VAN ANDER TAK

None

19. GENERAL / ALGEMEEN

Presentation of the “Fred Daniel Memorial Bell” to Jurgens Daniel in honour of his father’s long service as Hon. Secretary of both SARPA and AMEU Good Hope Branches.
A CV of Fred’s career giving his connections to the AMEU was presented by Deon Louw.
(See presentation 19)

20. SPONSORSHIP

Mr Visser thanked all the firms who had provided generous sponsorship for the meetings, and also thanked the Harold Porter Botanical Gardens for all the facilities that were provided for the meetings.

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

17 May 2013	Saldanha Bay Municipality
16 August 2013	Koeberg Nuclear Power Station (City of Cape Town / Eskom)
14/15 November 2013	Venue to be decided

The Chairman thanked all for attending and closed the meeting at 13:30.

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CHAIRMAN

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