

# Highveld Branch Meeting Number 294

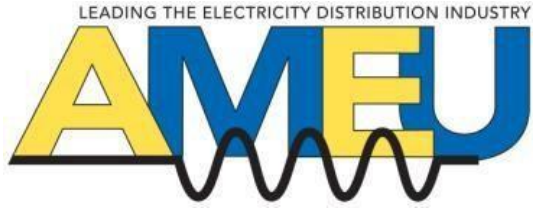
AMEU VIRTUAL MEETING  
HOSTED BY THE HIGHVELD BRANCH  
THURSDAY 12 AUGUST 2021

10H00 - 12H15

Chaired by Mrs. Mokgadi Magemba, CE Technology Services, City Power

# Meeting 294 Agenda

1. **Welcome** – Highveld Branch Chairperson
2. **Meeting etiquette and protocols** – Vally Padayachee, AMEU Strategic Adviser
3. **AMEU Highveld Branch Matters – WiE – Affiliate – AMEU News** (20 mins)
4. **AMEU Strategic Adviser's report/feedback** – Vally Padayachee (30 mins)
5. **Guest speaker presentation (30 mins):**  
**Dr. Theo Covary, PhD : Running to Stand Still – Politics and path dependency in South Africa's Municipal Electricity Sector**
5. **Affiliate presentation #1 (20 mins)**  
**TGOOD – Switchgear Standards, Mr Bryan Johnson**
6. **Affiliate presentation #2 (20 mins)**  
**Zutari – A look at the 100MW limit and associated Grid-Tie Considerations, Mr. Richard Ahlschlager**
7. **Closure**



# The new format for branch meetings and meeting notes



- Branch meetings were replaced by a programme of virtual meetings within the following framework:
- Meetings every second month on a similar day and time of the month
- Branches alternate hosting and chairing these meetings.
- Meetings to be recorded and short meeting notes to be kept of decisions.
- The Strategic Advisor, Branch Chair and Affiliates representative of respective hosting branches will collaborate with respect to meeting arrangements.
- The Secretariat to assist with the communication and the technical staging of events and meetings.
- No formal meeting minutes were created for the previous Highveld branch meeting held on 6 June 2020

# Note on Branch Finances

## BRANCH FINANCIAL REPORTING AMEU & SARPA AS AT 31 JULY 2021

### HIGHVELD BRANCH

#### FUNDING ACCOUNT FOR 2021 - BY QUARTER

	AMEU				SARPA			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Bank Open Balance	83 782	83 782	83 782	83 782	0	0	0	0
Expenditure								
None	0	0	0	0	0	0	0	0
Income								
None	0	0	0	0	0	0	0	0
Transfer Between Branches	0	0	0	0	0	0	0	0
Bank Closing Balance	83 782	83 782	83 782	83 782	0	0	0	0
Sponsorships promised but not in bank								
None	0	0	0	0	0	0	0	0
Accounts Payable at end of period								
None	0	0	0	0	0	0	0	0
Funding Position	83 782	83 782	83 782	83 782	0	0	0	0



**AMEU** | Association of Municipal Electricity Utilities

# Affiliate Feedback

Nisha Chetty

# AMEU CONVENTION



The banner features the AMEU logo (Association of Municipal Electricity Utilities Southern Africa, Est 1915) and the eThekweni Municipality logo. The background shows silhouettes of people in a virtual meeting environment with binary code and a globe.

**67th AMEU Convention 2021**

**10 – 12 November 2021**

IMPLEMENTING SUSTAINABLE CUSTOMER CENTRIC ELECTRICITY UTILITIES IN THE 4TH AND 5TH INDUSTRIAL REVOLUTION

**VIRTUAL CONVENTION**

Hosted by eThekweni Metropolitan Municipality

- The 67<sup>th</sup> AMEU Convention 2021 will be held from the 10-12 November 2021 (Virtual Event)
- Registrations are open on the AMEU Website
- Bookings for Various Sponsorship packages are available.

### Sponsor Packages



The infographic shows three house-shaped icons representing different sponsorship levels: Exhibitor (orange), Silver (orange), and Gold (dark blue). Each icon has a price tag above it: R 12k, R 22k, and R 40k respectively.

Exhibitor package	Silver package	Gold package
Exhibition Booth with <ul style="list-style-type: none"><li>• Branding and video</li><li>• Branded meeting rooms</li><li>• Leads generation tools</li><li>• Brochure library</li><li>• Products showcase (2)</li></ul>	Exhibitor package plus <ul style="list-style-type: none"><li>• Social media package</li><li>• Home page rotating footer</li><li>• Logo in conference collateral</li><li>• Products showcase (3)</li></ul>	Silver package plus <ul style="list-style-type: none"><li>• Sponsored session participation</li><li>• Pre conference workshop</li><li>• Larger social media package</li><li>• Products showcase (5)</li></ul>

# AMEU GOLF DAY

- Golf day has been postponed to End April 2022



# BUSINESS LEADERSHIP BREAKFAST

- Business leadership Breakfast for 2020 & 2021 was cancelled and postponed to 2022.
- Dates for 2022 will be communicated closer to the time.



# THANK YOU!





# WiE – HIGHVELD BRANCH FEEDBACK

12 Aug 2021



## 2021 ACTIVITIES

WiE meeting was held on the 11 March 2021

- Discussions for hosting a WiE webinar.
- Discussion on presenting technical papers at the AMEU convention.
- WiE collaboration with other SAIEE Women's Chapter.





# WiE and SAIEE Women's Chapter Meeting

## Meeting Outcome

- Collaboration between WiE and SAIEE women's chapter webinars.
- Share online training.
- Mentorship.





## Planned 2021 Activities for WiE

- WiE Webinar
- Online Technical Training.
- Collaboration with Women in the Electricity sector and Women in Energy Sector.
- Online branch launch.



# Thank You

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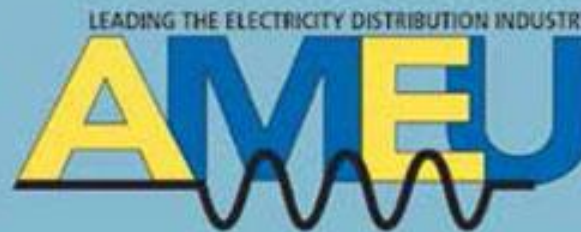


Women in Electricity



# AMEU NEWS

THE ASSOCIATION OF MUNICIPAL  
ELECTRICITY UTILITIES OF SOUTHERN AFRICA



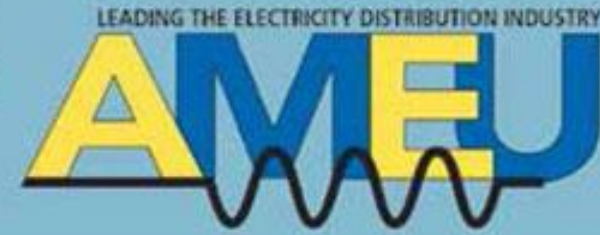
**AMEU NEWS NO.105  
IS DUE OUT SOON...**

**CONTACT MAX CLARKE  
FOR MORE DETAILS  
083 273 9519**



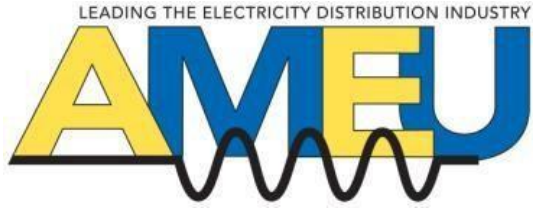
# AMEU NEWS

THE ASSOCIATION OF MUNICIPAL  
ELECTRICITY UTILITIES OF SOUTHERN AFRICA



**Please send whatever  
appropriate material you  
have to  
Max Clarke - [mppc@mweb.co.za](mailto:mppc@mweb.co.za)**

**This is an AMEU - specific newsletter.  
Developments in your Utility  
are always of interest to our readers.**



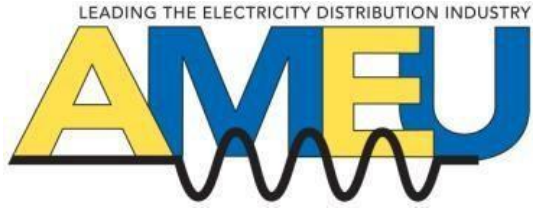
# Highveld Branch Hot Topics



# Proposed Affiliates only presentation day 14<sup>th</sup> October



- The new meeting format has limited time and happens only once a year for each branch
- We have missed the presentations from Affiliates
- The call for affiliate presentations for this meeting was good –
- In the past, with 3 meetings a year, there was opportunity for 6 affiliate presentations
- There may be products and services to help working under Covid conditions
- We propose a dedicated 'Affiliates Only' two hour presentation day on 14 October 2021
- Planning for 5 presentations at a reduced rate
- Also, is there any way to safely improve the social interaction of members?
- We do have budget to do something – what about an on-line comedy night?



# Regulatory changes and latest proposed ERA amendments



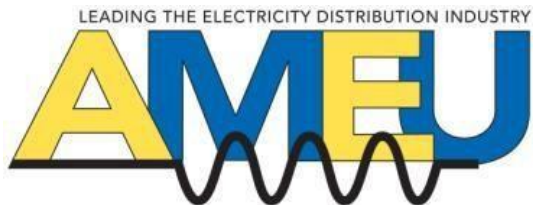
## Promulgated New Generation Regulations- October 2020

**In order to procure power from IPPs, a municipal distributor must:**

- Prepare a technical and financial feasibility study for any new generation or energy storage facilities
- Apply to the DMRE for a Ministerial determination for the proposed new capacity, in terms of the IRP
- Procure the new generating capacity by following Public Private Partnership procurement process, with authorization from National Treasury

## Proposed ERA Schedule 2 Licensing Exemption amendments – March 2021

- Embedded generation systems below 100 kVA, register only with Municipality
- Systems above 100 kVA and up to 10MW, to register with NERSA
- Systems above 10 MW will still require NERSA licensing
- Generated power can only be used by an 'end user'
- Where grid is used to connect generating site to consumption site, entities must be related to one another



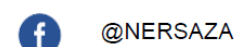
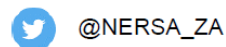
# President Ramaphosa's new directive on Schedule 2 Amendments



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[www.nersa.org.za](http://www.nersa.org.za)



11 June 2021

## MEDIA STATEMENT

### AMENDMENT TO SCHEDULE TWO OF THE ELECTRICITY REGULATION ACT

The National Energy Regulator of South Africa (NERSA) welcomes the announcement by President Cyril Ramaphosa today, on the amendment to Schedule 2 of the Electricity Regulation Act, 2006 (Act No. 4 of 2006), to exempt generation facilities up to 100MW from the licensing requirement.

- It is expected that the new Schedule 2 exemptions will be published on Friday the 13<sup>th</sup>.....
- Everyone is hoping that there will be no restrictive fine print....

**We didn't see  
this one  
coming!**

# Snap Survey to gauge the Highveld Munics energy plans (1)

## Ekurhuleni

- Targets are the percentages as shown in the table
- The DMRE has been engaged to apply for their IRP determination from the Minister
- The wheeling tariff for energy coming in through the Eskom intake point to a private off-taker is in place
- The wheeling tariff to support IPP to off-taker on the local network is not in place
- Authorized private (own consumption) SSEG 80MW
- Estimated unauthorized SSEG 15 MW mainly residential

Renewable/Cleaner Technology	Current Share (%)	2030 target (%)
Solar PV	0.09	11.92
Waste to Energy	0	5.56
Landfill Gas	0.04	0.24
Natural Gas	0	7.8
Fine Coal Gasification	0	1.44
Kinetic Power	0	0.4
Wind	0	0
Energy storage	0	Feasibility studies conducted on the viability of energy storage for the proposed 100 MW solar farm (IPP program). Target will be set based on cost and value for money
Total:	0.13%	27.36%

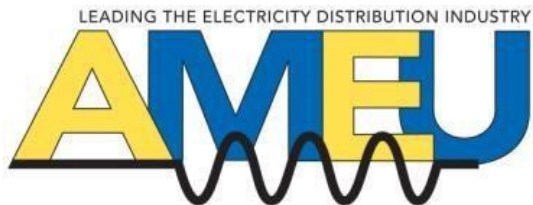
# Snap Survey to gauge the Highveld Munics energy plans (1)

## City Power

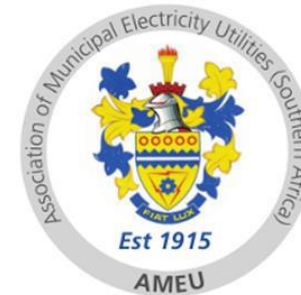
- Targets are the values as shown in the table
- The feasibility and needs analysis is being prepared for the DMRE in order to apply for the IRP determination from the Minister
- The wheeling tariff for energy coming in through the Eskom intake point to a private off-taker is not in place
- The wheeling tariff to support IPP to off-taker on the local network was approved by council but is not yet NERSA approved
- Authorized private (own consumption) SSEG 46 MW
- Estimated unauthorized SSEG 40 MW, a mix of commercial and residential

POC: 20 MW Gas,  
200MW PV (RT and Farm),  
100MW Energy Storage, 34 MW Waste to Energy and  
200MW Wheeling

Energy Makeup		2025					
Mix	Energy Source	Peak Energy (kWh)	Standard Energy (kWh)	Off-peak Energy (kWh)	Total MW Equivalent	Cost R/kWh	Delta GP
82.4%		2 909 mill	4 843 mill	4 461 mill	1394	EMF	0%
0.4%		51 mill	NA	NA	20	3.19	-5%
3.0%		82 mill	192 mill	NA	150	1.43	27%
1.0%		27 mill	64 mill	NA	50	1.50	24%
1.0%		117 mill	NA	NA	100	2.23	27%
0.2%		8 mill	13 mill	11 mill	34	2.00	-19%
12.1%		438 mill	700 mill	613 mill	200	N/A	0%
Predicted Average Eskom Tariff (R/kWh)		3.04	1.50	0.91	Weighted Average Impact:		21%



# Snap Survey to gauge the Highveld Munics energy plans (3)



AMEU Utility members - Highveld Branch		
Company Name	First Name	Info received
City of Tshwane Metro Municipality	Nndwamato Mutshidza	
City Power	Paul Vermeulen	Y
Ekurhuleni Metropolitan Municipality	Frans Brandow	Y
Emfuleni Local Municipality	Tshabi Tshabalala	
Lesedi Local Municipality	Jacqueline Mbewe	
Madibeng Local Municipality	Wisdom Hlabangwane	
Merafong City Council	Ezra Shange	
Midvaal Local Municipality	Bongani Baloyi	
Rustenburg Municipality	Bert Stols	
Tswaing Local Municipality	Gabatloloe Johannes Moleboge	

**We would like to complete the survey – please advise [paulv@citypower.co.za](mailto:paulv@citypower.co.za) if the contacts above are correct**

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# Branch Meeting Closure

- **Highveld meeting notes recap**
  - **Closing and thank you**

