

INVITATION

ASSOCIATION OF MUNICIPAL ELECTRICITY UNDERTAKINGS
(SOUTHERN AFRICA)

20th TECHNICAL MEETING
& SPECIAL CONVENTION

11 – 12 OCTOBER 2004

Hosted by the uMhlatuze Municipality in Richards Bay

20th Technical Meeting



Electricity Distribution: “Getting it Right”

Programme Overview

Format & Contents of the Meeting:

1. Opening & Key Note Address
2. Maintenance
3. Restructuring
4. Street Lighting
5. Tariffs and Revenue Protection
6. Members Forum
7. Closing Session

Speakers will be allowed 20 minutes to present their papers followed by 10 minutes questions and discussion time per paper. Practical case studies, research, innovations, management practices and report backs to the industry, will all form part of the programme.

In line with AMEU tradition, a spectrum of speakers hailing from political, engineering, academic, supplier, customer and consultant backgrounds will present views, contributions and papers.

Proceedings day start & closing times

Day	Convene	Closure	Evening Programme
11 Oct	08:30	17:00	19:00
12 Oct	08:30	17:00	-

Paper manuscripts can be downloaded from the AMEU website on www.ameu.co.za from 22 October 2004 onwards.

General Secretaries
Van der Walt & Co

Tel: (011)789-1384 Fax: (011)789-1385
ameu@vdw.co.za www.ameu.co.za

Venue

ZCBF Park
South Central Arterial
Alton
Richards Bay

Who should attend

- AMEU Members, Undertaking Electrical Engineers, Councillors, Associates, Affiliate, Retired and Honorary Members. Ordinary Members.
- Electrical Engineers involved in the distribution of electricity.
- Municipal Councillors
- Municipal Managers
- Municipal Treasurers
- Manufacturers of electricity distribution equipment and related service providers.
- Representatives from electricity utilities from across the African Continent.
- Invited Media
- Spouses of paid up delegates

Lunches and Dinners

Sport Prize Giving & Dinner

Sunday, 10 October 2004

Hosted by the AMEU Affiliates

All Delegates are welcome

Venue: Richards Bay Country Club

Time: 18:00

Dress: Casual / Sportswear

Lunch

Lunch will be served on both days of the Technical Meeting.

Civic Reception

Monday, 11 October 2004

Hosted by uMhlathuze Municipality

Venue: Civic Centre, Mark Strasse, CBD

Time: 18:30 for 19:00

Dress: Smart Casual / Traditional

Transport from Hotels: 18:00

PROGRAMME OVERVIEW – 20th TECHNICAL MEETING

Theme: **Electricity Distribution: “Getting it Right”**

Hotel accommodation with transport

Richards Hotel

Hibberd Drive, Meerensee, Richards bay
Tel: 035 753 1301
Email: reservations@richardshotel.co.za

Protea Hotel, Richards Bay

Cnr Davids & Launder Lane, Meerensee, Richards Bay
Tel: 035 753 1350
Email: res@proteahotelrichardsbay.co.za

Imvubu Lodge

Hibberd Drive, Meerensee, Richards Bay
Tel: 035 753 4122
Email: invubu@iafrica.com

Protea Hotel, Empangeni

64 Turnbull Street, Empangeni
Tel: 035 772 3322
Email: proteaemp@microweb.co.za

Alternative accommodation – no transport provided

Visit AMEU's Website for other accommodation available in Richards Bay. Please note that only the hotels listed above have transport provided.

Delegates are responsible for their own accommodation and payment of accommodation accounts.

Sport Programme – Sunday, 10 October 2004

Hiking

Sponsored by Rotek Engineering

Venue: Enseleni Nature Reserve

Time: 10:00

2km or 7km hike (1 -4 hours)

Transport: From Richards Bay Country Club – 09:30

Birders expect to find species you may never have seen before – Don't forget your binocs!

As there is game on the reserve, please take precautions against ticks.

There will be a guide and a picnic lunch will be served.

Golf

Sponsored by AMEU Affiliates

Venue: Richards Bay Country Club

Time: 10:30

Transport from hotels: 09:00

Bowls

Venue: Richards Bay Country Club

Time: 14:00

Transportation from hotels: 13:00

Transport Programme

Event	Date	Depart	Depart
Richards Bay Airport	9,10,11 October	15 minutes after arrival	
Transport from hotels and Imvubu Lodge in Richards Bay			
Hiking	10/10/04	09:00	End of Outing
Golf	10/10/04	09:00	End of Function
Bowls	10/10/04	13:00	End of Function
Proceedings	11/10/04	07:15	17:15
Spouses Prog	11/10/04	07:15	17:15
Civic Reception	11/10/04	18:30	End of Function
Proceedings	12/10/04	08:00	16:15
Spouses Prog	12/10/04	08:00	16:15
Transport from Protea Hotel, Empangeni			
Hiking	10/10/04	09:00	End of Outing
Golf	10/10/04	09:00	End of Function
Bowls	10/10/04	13:00	End of Function
Proceedings	11/10/04	07:00	17:15
Spouses Prog	11/10/04	07:00	17:15
Civic Reception	11/10/04	18:30	End of Function
Proceedings	12/10/04	07:45	16:15
Spouses Prog	12/10/04	07:45	16:15

IMPORTANT INFORMATION

Guests departing by plane should be at Richards Airport 1 hour prior to departure.

In case of a transport emergency please contact Gert Cronjé on 083-635 0799

Spouses Programme

Monday, 11 October 2004

Sponsored by Afican Cables

Visit Kwabhekithunga and experience true Zulu Culture and witness their self help project in craft manufacturing, followed by a traditional meal. Craft work can be purchased. The proud culture and customs of the Zulu people are demonstrated and explained.

Depart from ZCBF: Immediately after formal proceedings

Return: 16:00

Tuesday, 12 October 2004

Sponsored by Aberdare Cables

A two hour boat trip on the St Lucia Estuary, guided by KwaZulu nature conservationist, and then enjoy lunch at “The Bundu Basher” Restaurant.

Depart from ZCBF: 09:00

Return: 16:00

Important Information

First Aid

A trained and equipped first aid assistant will be at the registration desk.

Medical Information

Private Hospitals: Empangeni Garden Clinic 035-901 8000
 Bay Hospital 035-780 6111
Provincial Hospital: Ngwelezane Hospital 035-901 7000
Pharmacies Central Pharmacy: 035-789 3910
Medical Practitioners Medicross: 035-789 1564

Police 10111

Restaurants in Richards Bay

<u>Richards Bay</u>		
Grill Fish	Small Craft Harbour, Tuzi Gazi Waterfront	035 7880110
Marantino's Tavern	Tuzi Gazi Centre	035 7880312
Rubens Italian	Small Craft Harbour, Tuzi Gazi Waterfront	035 7880135
Thai Wok	Shop 6 Quay Walk, Small Craft Harbour	035 7880525
Slipway Cocktail Bar	Tuzi Gazi Water Front	035 7880202
Anchor Cast Tavern	150 Bridgetown Road	035 7880219
Imvubu Lodge	Krewel Circle, Meerensee	035 7534122
Little Switzerland	Blue Seven Centre, Davidson Lane, Meerensee	035 7532208
Protea Hotel	Davidson Lane, Meerensee	035 7531350
Bayshore Inn	The Gully, Meerensee	035 7531246
Richards Hotel	3 Hibberd Drive, Meerensee	035 7531111
Garden Grill House	The Mall, Anglers Rod Road, Meerensee	035 7533581
Porky's Seafood & Steakhouse	Haiti Mall, 5 Lira Lnk	035 7890021
Spur Steak Ranch	Boardwalk Centre, Kruger Rnd Street	035 7895647
Panarotti's Pizza Pasta	32a Boardwalk Centre	035 7897367
Keg & Piper	Bay Centre, Mark Strasse Road	035 7891063
Woodpecker Inn	Richards Bay CBD	035 7861230
<u>Empangeni</u>		
De Hoff (Protea Hotel)	64 Turnbull Street, Empangeni	035 7723322
Porky's Seafood & Steakhouse	10 Maxwell Street, Empangeni	035 7923180
Spur	37 Maxwell Street, Empangeni	035 7725542
Swiss Alpen Bar	Restaurant 4, Domino Building, 4 Kerk Street	035 7925080
Canefields Country House	Empangeni	035 7920031

20th AMEU TECHNICAL MEETING PROGRAMME

MONDAY, 11 OCTOBER 2004

Time	Title	Speaker	Contents
07:45	REGISTRATION AND REFRESHMENTS		
08:30	Welcome	Peter Fowles, President of AMEU	
	Prayer & Scripture Reading	Pastor André Olivier,	
	Welcome of the Host City	Mayor of uMhlathuze, Alderman Denny Moffat	
09:00	Key Note Address	Smunda Mokoena, NER	
09:30	Strategies for the electricity supply industry	Shirley Savoldi , Eskom & Lesley Ferrando, NER	Some new strategies with regard to the supply and delivery of electricity in South Africa.
09:45	Convention Session		Consideration of Constitutional Changes
10:30	REFRESHMENTS		
	Maintenance Session		
11:00	Distribution Service Delivery Challenges - Maintenance and Refurbishment Gaps: A Case Study	Vally Padayachee, Vice President (Customer Services), City Power Johannesburg	How Electricity was phased out of the City Of Johannesburg.
11:30	Practical Problems in Substation Earthing	Hendri Geldenhuys, Craig Clack & Bernard Meyer, Eskom Distribution Technology	Examines problems and discusses solutions related to design and maintenance.
12:00	Fault Free Electrical Utility: Reality or Dream	Dragan Vujovic, Director Electrical Engineering, Umtshezi Municipality	Preventative maintenance procedures, practices and results in Umtshezi Municipality.
12:30	Reliability Centred Maintenance (RCM) Applied to a Regulated Electricity Utility Network	John Hardwick, Manager Operations Investment, Energy Australia & Cliff Jones, Principal & Manager Power Delivery, Sinclair Knight Merz (Pty) Ltd	The conclusions arising from the completion of the project have lead to changes in Energy Australia which in turn have lead to establishing an improved asset management philosophy to reinforce the cultural changes that are already occurring within the Utility.
13:00	LUNCH		
13:30	Network Reliability Measurement, reporting and Benchmarking	Baden Chatterton, Eskom Distribution Technology	Background information and a summary of network reliability measurement, reporting, benchmarking and alignment with international practices.
	Restructuring Session		
14:30	The Odyssey to Corporatisation and REDS	At van der Merwe, EDI Holdings	MLM efforts to create a municipal entity in preparation for Reds Ahead.
15:00	Keeping the Lights on During Merger Integration	Thiru Pillay, Deloitte	Discussion of the EDI restructure from a merger integration perspective.
15:30	Experiences during a Financial Ringfencing Assignment	Ken King, Manager Electrical Processes, Merz and McLellan	Experiences encountered during the financial ringfencing of the electrical business of a rural municipality are discussed with recommendations in regard to a rational way forward.
16:00	REFRESHMENTS		
16:30	Restructuring Process Briefing	Willie de Beer, EDI Holdings Company	Behind this restructuring is the sincere drive to create a sustainable electricity distribution industry serving the best interests of all the people of South Africa and in specific the electricity customers.
17:00	DAY CLOSURE		
19:00	CIVIC RECEPTION		

TUESDAY, 12 OCTOBER 2004			
Time	Title	Speaker	Contents
Street Lighting Session			
08:30	Practical Solutions to Streetlight Maintenance	Noel Crossley & Colin Parfitt, Directors, Niewalt	The principal of a managed contract as an alternative approach to streetlight maintenance in the light of the impending restructuring of the EDI
09:00	An Analysis of Lighting in Buffalo City	Rob Ferrier, Senior Contract Engineer, Buffalo City Municipality	A comparison of costs for highmast lighting and street lighting in Buffalo City and the subsequent decisions taken.
09:30	How can Technology reduce Cost of Street Lighting?	Johann Schleritzko, Managing Director, Beka	Technology improvements in: ·Reflector designs ·Lamp technologies ·Lighting Control to reduce the Cost of Ownership
10:00	REFRESHMENTS		
Equipment Session			
10:30	Cable Network Standardization in Eskom	Greg White, Eskom Distribution Technology	Design philosophies developed for use in Eskom's medium voltage cable network.
11:00	The Next Challenge: Distance protection Designed for Ease of Application	Alan Wixon, Senior Applications Engineer, Alstom (UK)	It is possible to implement a distance relay for universal application, without pushing the complexity and training requirements into the realms of rocket science.
11:30	Pole Mounted Switches for Coastal Applications	Geoff Auton, Linegear 2000	A description of a range of switches designed for applications in highly saliferous conditions, including overseas conditions where sand deposits aggravate the situation.
12:00	No Hot Water or Intermittent Power Interruptions. The Lesser of Two Evils?	Barry Bredenkamp, Marketing Manager, Energy Efficiency Services, Eskom	The institutional, financial and technological challenges associated with implementing a 'Hot Water Load Management Strategy' within municipal areas
12:30	LUNCH		
Tariffs and Revenue Protection Session			
13:30	Conductor Theft Mitigation	Andre Bekker, Eskom Distribution Technology	Description of Eskom's strategy to mitigate losses due to conductor theft.
14:00	Innovative Super Metering Spreadsheet to Analyse Profile Data and Accounts	Stephen Delpont, Chief Engineer: Operations, Ekurhuleni Metro Municipality	With reference to Ekurhuleni City Power Johannesburg, Tshwane and Eskom, an innovative spreadsheet was developed that may assist to advise customers fully on their electricity accounts, tariff options and consumption patterns.
14:30	Award winning metering project of uMhlathuze	Danie van Wyk, City Electrical Engineer, City of uMhlathuze	The award-winning check metering system project of the City of uMhlathuze has been a great success with proven results of reduced non-technical losses.
15:00	Refreshments		
15:15	Members Forum		
	Caesar Vundule	NER's web-based reporting	
	Al Fortman	Electric Accident Report	
	Shirley Savoldi	A report on the suitability of an inclining block rate for targeting free basic electricity	
	Paul Roux	Report on CPD Points	
16:00	CLOSURE		

**AMEU 20th TECHNICAL MEETING – uMHLATUZE (RICHARDS BAY)
11 – 12 October 2004**

PO Box 868, Ferndale, 2160 Fax: (011) 789-1385 Tel: (011) 789-1384 VAT No: 4180108971

To: Contact Name: _____
Organisation: _____
Postal Address: _____

REGISTRATION FORM / TAX INVOICE No. :

Fax Number: _____
Tel Number: _____
Cell Phone No: _____
e-mail: _____

DELEGATES:

Surname	First Name	Title	Indicate If: Engineer Member Councillor Member Affiliate Member Honorary Member Ordinary Member Retired Member Non-Member	Cellular Phone Number	Spouse's First Name	Will attend YES/NO		Rand Total Please select Values from list
						Sports Dinner 10/10/04	Civic Reception 11/10/04	
1.								
2.								
3.								
4.								
5.								
6.								
TOTAL INVOICE AMOUNT – PLEASE FIND OUR CHEQUE ATTACHED								R

Please indicate the one Council Member who can vote, by circling their delegate number

Registration Fees

Membership Category

Engineer, Councillor or Ordinary Member from a member Undertaking - per delegate
 Affiliate Member, first two delegates each.
 Affiliate Member, additional delegates per person
 Non-Members, per delegate

**Paid by 31 July 03.
(VAT Inclusive)**

R1 070,00
R1 400,00
R1 770,00
R2 050,00

**Paid after 31 July 03.
(VAT Inclusive)**

R1 180,00
R1 500,00
R1 880,00
R2 160,00

**Deposit/Electronic Transfer/Direct Deposit
Details**

NAME OF BANK & BRANCH _____
AMOUNT DEPOSITED/TRANSFERRED _____
DEPOSIT DATE: _____

Please Note: Banking Details – ABSA Bank, Randburg Branch: Account Number: 9088697725 Branch Code: 630905

Please indicate any special dietary requirements. Eg Diabetes, Vegetarian _____

AMEU 20th TECHNICAL MEETING – uMHLATUZE (RICHARDS BAY)

REGISTRATION FORM PAGE 2

PO Box 868, Ferndale, 2160 Fax: (011) 789-1385 Tel: (011) 789-1384
VAT No: 4180108971

Only complete a copy of this form if you will be taking part in the Sport Programme or if you need transport.

Please complete a separate copy of this form for each delegate and fax to (011) 789-1385

DELEGATES' NAME _____

TRANSPORT

I do need transport between my hotel and the convention venue. Yes/No _____

I stay in the following Hotel: _____

I do need transport from and to the Richards Bay Airport (only): Yes/No _____

Flight arrival date, time and flight number: _____

Flight departure date, time and flight number: _____

PLEASE NOTE THAT TRANSPORT IS ONLY PROVIDED TO AND FROM THE PREFERRED HOTELS LISTED IN THE PROGRAMME.

SPORT PROGRAMME SUNDAY 10 OCTOBER 2004 - Please register me for the following sport events:

Golf: _____ Handicap: _____

Bowls: _____ Position Played: _____

Hike: _____