

23rd AMEU TECHNICAL CONVENTION PROGRAMME

26 - 28 September 2011

Surviving the Energy Challenges- How Technology can Support us

DAY 1 – 26 SEPTEMBER 2011

07:30	Registration and Refreshments		
08:30	Assembly & Procession	5	
	National Anthem	5	
	Opening Act	5	Cape Malay choir
	Prayer and Scripture Reading	5	Pastor E Fray
	Welcome by the President	15	Michael J Rhode, AMEU President
	Welcome by the City of Cape Town	20	Ald Patricia de Lille, The Executive Mayor of Cape Town
09:25	Key Note Address	45	Dr Wolsey Barnard, Executive Manager: INEP
10:10	New President Elect	10	Michael J Rhode
	Invitation – venue of the 2012 Convention	10	Clr Aubrey Nxumalo, MMC Water and Energy, Ekurhuleni Municipality
	Honorary Membership Awards	10	Michael J Rhode
	Social Contribution		Michael J Rhode
10:40	Refreshments & Exhibition Viewing / Departure of Spouses		
INTRODUCTION TO DAY 1: Ald C Justus (City of Cape Town)			
SESSION CHAIR: Hannes Roos			
LESSONS LEARNED			
11:20	The Indian DRUM Project- Distribution, Review, Up gradation and Management	30	R A J Frantz & R S Wallis, Phambili Merz (Pty) Ltd. / Mott Mc Donald, India
11:50	Benoni Township Normalisation Project (2011 – 2016): A Case Study	30	Bosaletse Mpesi, Eskom
12:20	EDI Restructuring: The Legacy, the Lessons and the Future	30	Willem de Beer and Nigel Waters, Private
12:50	Lunch & Exhibition Viewing		
SESSION CHAIR: William Olivier			
CONDITION MONITORING/MAINTENANCE			
13:50	Condition monitoring of equipment to improve quality of supply to customers by averting failures	30	Patrick O'Halloran, City Power
14:20	Electricity Distribution Infrastructure Master Data Governance using the Masterkey Tool	30	Chris Plüddemann, City of Cape Town
14:50	Challenges Facing Protective Relay Engineers in Modern Times	30	Alexander Dierks, Alectrix (Pty) Ltd
15:20	Refreshments & Exhibition Viewing		
SESSION CHAIR: Louis Steyn			
SUSTAINABILITY			
16:00	The Shift Towards Energy Sustainability in Asia: Lessons for Africa?	30	Ron Millard , Parsons Brinckerhoff (PB)
16:30	Sustainable energy provision options for South African cities	30	Mark Borchers, Sustainable Energy Africa (SEA)
17:00	Day Adjournment		
17:00	Presidential Cocktail Function, Hosted by Michael J Rhode, AMEU President (AMEU Exhibition Area)		

DAY 2 - 27 SEPTEMBER 2011

07:30	Registration and Refreshments		
INTRODUCTION TO DAY 2: Cllr J. Rademeyer (Drakenstein Municipality)			
SESSION CHAIR: Leon Kritzinger			
ENERGY EFFICIENCY/DEMAND SIDE MANAGEMENT			
08:30	Meeting capacity challenges through DSM – a partnership approach	30	Andrew Etzinger , Eskom
09:00	Demand Response: Eskom’s Virtual Power Station – 600MW.... and growing	30	R M Surtees, Enerweb
09:30	Energy efficiency, tariffs, and new technology – what is the link?	30	Dr William G H Dykman, UMS
10:00	LED lighting of Residential Areas - the economical option for Local Authorities	30	Daniel Kasper and Johann Schleritzko, BEKA (PTY) Ltd
10:30	Refreshments & Exhibition Viewing		
SESSION CHAIR: Vincent Kobuwe			
ENERGY EFFICIENCY/DEMAND SIDE MANAGEMENT (continued)			
11:10	How implementing online meter monitoring and feedback has helped the City of Ekurhuleni to manage both revenue and demand	30	Stephen Delpont, City of Ekurhuleni
11:40	The advantages of utilising vendor independent automated meter reading systems		Gerard van der Merwe, Poweretch IST Otokon
12:10	Does the new Swistra Ripple Control Protocol supersede the introduction of bi-directional Communication?	30	Adrian Toller / Ian Robinson, Swistec Systems AG / Robmet Meters cc
12:40	Lunch & Exhibition Viewing		
SESSION CHAIR: Moferefere Tshabalala			
ENERGY LOSS MANAGEMENT & THEFT OF MATERIAL			
13:45	Smart metering case studies & lessons learnt	30	Imraan Mohamed, Itron
14:15	Practical metering in the South African context – <i>A robust method to ensure revenue recovery with managed Kiosks</i>	30	Shane van Jaarveldt, Power Process Systems
14:45	Failing to measure means failing to manage	30	Rudi Leitner, Touchwork
15:45	Refreshments & Exhibition Viewing		
SESSION CHAIR: Jayshree Pershad			
TARIFFS			
15:45	Wheeling of energy- enabling mechanism’s in the current environment	30	Shirley Salvoldi, Eskom
16:15	Strategic Direction for Eskom’s Retail Tariffs - 2011	30	Deon Conradie, Eskom
16:45	Day Adjournment & Exhibition Viewing		
19:00	Gala Evening Hosted by the City of Cape Town (LookOut at the V&A Waterfront)		

DAY 3 - 28 SEPTEMBER 2011

08:00 Registration and Refreshments

INTRODUCTION TO DAY 2: Cllr MS Zunga (eThekweni Municipality)

SESSION CHAIR: Sandile Maphumulo

SYSTEM PERFORMANCE/ASSET MANAGEMENT

09:00	Live line transmission line upgrade projects – First in Africa project	30	Patrick O’Halloran, City Power
09:30	Applying simplified network feeder reliability modelling as basis for pragmatic strategic management decision making regarding capital and operational investments – a large scale application case study for Eskom Distribution	30	Dr Clinton Carter-Brown, Eskom
10:00	The impact of plug-in electric vehicles on distribution networks	30	Gustav Brand, Netgroup South Africa
10:30	Mobile Technology for Electricity Field Service Personnel	30	Marthinus van der Merwe, City of Cape Town

11:00 Refreshments & Exhibition Viewing

SESSION CHAIR: Evert van Helden

SYSTEM PERFORMANCE/ASSET MANAGEMENT (continued)

11:45	Mobile Solutions for Supporting Asset Management and Creating Sustainable Jobs	30	T Rajakanthan, Ciber Terrasoft, EnerKey and Eskom
12:15	Transformer re-designs in modern economic times. Compulsory norms & Standards + New Technology	30	D W Hayes, Rotek Engineering (Pty) Ltd

SESSION CHAIR: President of the AMEU, Michael J Rhode

CONVENTION FORUM - ALL DELEGATES INVITED

12:45	Closing Session Convention Summary AMEU Best paper Award Cigre Award Thanks from the Chairman of the Affiliates Thanks from Partners Word from the President-Elect Closing address from the President		
13:45	Day Adjournment & Lunch		

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