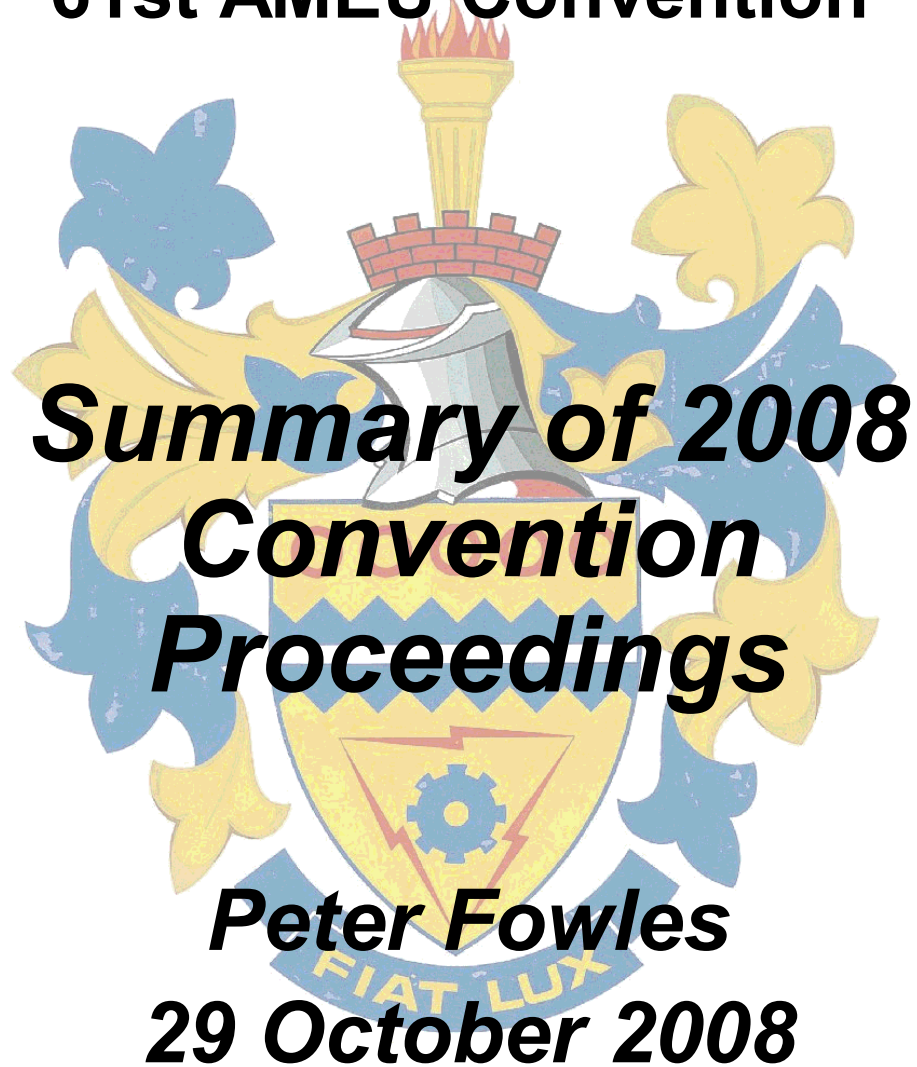


61st AMEU Convention



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Affiliates Sports Day

- Golf, Bowls and a hike
- Much fun
- Sports prize giving and dinner at Numbers Night Club
- Many thanks to Affiliates



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Opening Session

- Scene set by Kusile Youth Dance Theatre
- Warm welcome by Mayor, Honorable N C Peter
 - Spell out crisis in layman's terms and provide guidance to municipalities
- Minister Ms B Sonjica - keynote address
 - Many weaknesses in EDI that need attention
 - South Africans no longer believe we have an energy crisis so mandatory rationing
 - Bulk of measures to be funded by consumer



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Opening Session

- 22nd Technical Meeting 2008 – invitation from George Ferreira on behalf of NMBM
- Honorary membership conferred on Vally Padayachee
- Affiliates Merit Award to Max Clarke



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Opening Session



- Sandile Maphumulo
 - Valedictory address highlighting some challenging and important issues being addressed by the AMEU
- Induction of incoming President, Sy Gourrah



1st Session – Day 1

- Phindile Nzimandi – Restructuring of the EDI
 - Industry stabilisation through ADAM
 - Minister promised change of Constitution
 - Analysis of stakeholder concerns available Friday
- Erica Johnson - Energy security in a resource constrained world
 - Need to understand the hard realities – few months ago it was coal now money
 - Mandatory reductions in consumption



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2nd Session – Day 1

- Vashna Singh – Maximising the potential of energy efficiency and DMS interventions
 - Potential for EEDSM savings in RSA
 - Shift in focus from load management to EE
- Allyson Lawless - Numbers and needs in Local Government
 - Things we need to do to rebuild skills base
 - 1/10th numbers of CE cf with 1989
 - Trying to do the impossible
 - `We meet any new challenge by reorganising



Final Session – Day 1

- Lesley Ferrando – Regulation in the energy crisis
 - NERSA under resourced
 - Extensive workshops on PCP rules planned
- Herlita Bobadilla Robles – a Swedish electricity distribution tariff
 - New tool for regulation in 2004
 - Aim to make profit for owners and allow for future investment
 - Two part tariff [Fuse tariff] for LV customers



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Final Session – continued

- Cllr Johnson – Skills shortages in the electricity industry
 - Generation, energy efficiency, Reds and scarcity of skills
 - SALGA to be vehicle to represent interests of LG
 - ‘2 hectares of land + 4 cows’ incentive
- Claudia Coetzer – Financial impact of electricity losses and emerging best practice
 - Survey – widespread problem
 - Need strong leadership and focus in management
 - Invest in a sealing process of unique seals



Social Activities – Day 1

- Ladies treated to a most enjoyable day at Buffalo Park Cricket Stadium – thanks to Aberdare Cables
 - Fashion Show
 - Entertained [belly dancers and Elvis]
- Well attended Civic Reception at the City Hall hosted by the Buffalo City Council
 - Dance troupe



1st Session – Day 2

A GLOBAL VIEW ON THE ELECTRICITY SUPPLY CHALLENGE

- Vally Padayachee – implementing power rationing in a sensible manner
 - Power crises affect the economic and social fabric of community, region or nation
 - Japan avoided load shedding through high consumer awareness
- At van der Merwe – regulatory imperatives to stimulate competition and market entry
 - Not easy for IPPs to enter into agreements with Eskom [playing fields not level]
 - Non-discriminatory market entry rules



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2nd Session – Day 2

COGENERATION

- Mobolaji Bello - a methodology used for evaluation of Cogeneration applications
 - EG presents Eskom with huge technical, planning and HR challenges
 - Fundamental system studies guideline [NRS097]
- Sizwe Mabanga – The virtual power station
 - Very effective mechanism for peak shifting
 - Suggest munics establish VPS programs



3rd Session – Day 2

ASSET MANAGEMENT

- Deon Vrey – infrastructure development planning key to asst management
 - highlighted current realities [budgets, procurement, skills and theft]
 - need to assess spatial development framework for geographical load forecast
- Silas Zimu – the City Power experience
 - formation of City Power from 9 EDs since 1997
 - shortcomings of the MFMA
 - tensions when merging organisations



3rd Session [cont] – Day 2

ASSET MANAGEMENT

- PM Tlabela – Tshwane experience
 - theft having significant impact on ability to undertake planned maintenance
 - mainly a fire fighting maintenance focus
- Martin Cameron – Eskom infrastructure investment options
 - drive to improve reliability of networks
 - need to understand relationship between performance and cost
 - operating environment critical when analyzing network performance



Final Session – Day 2

SKILLS DEVELOPMENT

- Ian McKechnie– Engineering skills – key to effective service delivery
 - Chronic skills shortage [collapse of artisan training]
 - Encouraging realisation of problem by Government
 - Holistic solution a key requirement
- Sanjian Malapermal– Skills development through e-learning
 - Network planning skills base strained
 - Modular training framework in 12 learning areas
 - Network Master Planning course to be piloted with AMEU members



Final Session – Day 2

SAFETY BRIEFINGS

- Roley McIntyre – Eskom
 - operating error while replacing a pole mounted transformer
- John Silweya – CEC
 - Result of investigations into SF6 circuit breaker failures
- Stephen Delport - Ekurhuleni Metro
 - Electrical incident while working on a 6.6kV cable
- Barry Gass – Alstom Electrical
 - A substation fatality



Social Activities – Day 2

- Ladies had an early start to their day at Inkwenkwezi Private Game Reserve – thanks to CBI Electric
 - Traditional dancers and game viewing – one lioness not impressed
 - Elephant interaction session!!!
 - Annatjie
- Gala Dinner at the BKB Building
 - Masked Ball



1st Session – Day 3

NON TECHNICAL LOSSES

- Rolf Niemand – Revenue protection in Emnambithi / Ladysmith Municipality
 - Development of structured process of meter sweeping – includes data clean up
 - Importance of customer awareness and education
 - Challenges – supply chain, skills and legal
- Chris Yelland –the Energy Conservation Scheme (ECS) and associated punitive tariffs
 - Rules and regulations – set savings targets
 - Real challenge – huge economic impact
 - Call for consultation and communication



2nd Session – Day 3

SMART METERING

- Henri Groenewald – Advanced metering infrastructure (AMI) for residential and commercial customers [NRS049]
 - Residential time-of-use tariffs
 - NRS049 –functional requirements of components
 - Challenges in implementation [specialised skills]
- Ian Robinson/Reinhard Dettmar – future strategies for the implementation of smart metering with ripple control
 - Implications of R.773 requirements for load control of water heaters and installation of smart meters
 - Ripple control a well-proven existing technology
 - Hybrid solution proposed



3rd Session – Day 3

ENERGY EFFICIENCY AND DSM

- Viv Cohen – DSM - does South Africa need a paradigm shift?
 - Maybe it is the time to look at things differently
 - Misconception that Eskom load profile is 'relatively flat'
 - Benefits of load profile control using relays
- Dr Leon Kritzinger - Load shedding in the South African context
 - Diagnosis and treatment
 - Load control vs load shedding
 - Lesson of communication



Thank you

- Thank you to all the presenters
- Thank you to the Affiliates for the Sports Day, sponsorships and Exhibition
- Thanks to the AMEU Secretariat
- Thank you to the team from Buffalo City Electricity and all who have contributed to an enjoyable and very interesting Convention



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