



OPERATIONAL REPORT

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Energising the region for economic development

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Meetings

30th SAPP Meetings in Lesotho

The Thirtieth meetings of the Southern African Power Pool (SAPP) were held in Maseru, Lesotho, from 3-7 March 2008. All the SAPP working groups, the sub-committees and the Management Committee meetings were held. The key challenge facing the region, the diminishing generation surplus capacity was extensively discussed.

The progress on the SAPP Tariff Study and SAPP membership were reviewed together with the development and implementation of the competitive electricity market, the ancillary services and balancing mechanisms and what the SAPP was doing to tackle vandalism that was now becoming a major drawback for the utilities of the SADC region.



The Minister of Natural Resources (MP), Hon Monyane Moleleki, shaking hands with Dr Musaba, SAPP Coordination Centre Manager, whilst LEC Managing Director, Mr Francis Hloaele, looks on.

The SAPP Environmental sub-committee tabled two critical issues covering PCB Management Guidelines and Hydropower EIA guidelines. The two documents were submitted to the Management Committee for approval. The Management Committee agreed that the next meetings would be held in Mozambique.

On SAPP membership, the Management Committee formed a Task Force that was mandated to visit the Mozambique Transmission Company (MOTRACO) during the month of March 2008.



Mr O'Brien Hekandjo of NamPower, the current Planning Sub-Committee Chairperson, delivering his speech during the Management Committee meeting.



Mrs Jean Madzongwe, Leader of the delegation from DBSA, attended the Management Committee Meeting.

Visit to SAPP by the African Union Representatives

In accordance with the 2004-2007 Strategic Plan, the Commission of the African Union (AU) is in the process of developing a continental policy on electric power and a Guideline for the African electric sub-sector. In order to accomplish this, the Commission has recruited a team that visited the SAPP Coordination Centre in Harare, Zimbabwe, from 12-16 March 2008.

The AU Team comprised of Dr. Alioune Fall and Ms. Nogoye Thiam, both from Senegal. The Team also visited the SADC Secretariat in Gaborone, Botswana.

Demand Side Management Working Group Meeting

The first meeting of the SAPP demand side management (DSM) working group took place in Johannesburg, South Africa, on 26 March 2008.

The discussions focused on the DSM initiative in member utilities, the phasing out of incandescent light bulbs in preference to Compact Fluorescent Lights (CFLs), financial and fiscal incentives to utilities for implementing DSM programs and energy efficiency. The recommendations of the working group would be presented to the SAPP Executive Committee for adoption and implementation.

Meeting of Power Pools in Africa

A meeting of Power Pools in Africa organised by the African Development Bank (AfDB) took place in Cape Town from 27-28 March 2008. The meeting focused on capacity building needs for Power Pools and how regional transmission projects could be promoted.

Management Committee Task Force Visit to MOTRACO

A Task Force working under the umbrella of the SAPP Management Committee visited the Mozambique Transmission Company (MOTRACO) on 31 March 2008 in Maputo to confirm the infrastructure and appreciate the workings of MOTRACO. The visit was in response to the submitted application for membership by MOTRACO. The Task Force would prepare a report and send recommendations of their findings to the Management Committee during the month of April 2008.

Market Development

Day Ahead Market Trials

The SAPP Day Ahead Market Trials continued during the month of March 2008 as members prepare to go live on 21 April 2008.

Planning and System Operations

System Disturbances in ZESA

At 16h40 a total system collapse occurred in the ZESA control Area as it lost all generation at Kariba South and Hwange power stations following tripping of the Bindura (Zimbabwe) –Songo (Mozambique) interconnector at 16h38 on suspected lightning strike. ZESCO (Zambia) and Eskom (South Africa) interconnectors were open at the time of the incident. Operational personnel across the power system swiftly responded trying to restore the network while communication presented a serious challenge with Hwange Power station until the next day. The real cause of the disturbance is yet to be established.

Restorative efforts to the collapsed power system commenced immediately with auxiliary supplies being established from the local Diesel Generator. Running of units at Kariba Power Station followed with all being synchronised by 01h40 the following day. In between restoration of the transmission network and load continued. Wheeling by ZESA of 75MW from HCB of Mozambique to BPC of Botswana was temporarily curtailed by the disturbance. A total of 1158MW of generation and 200 MW of power imports were lost.

Restoration of the interconnected system

Work continued between ZESA and ZESCO to find ways of restoring the Kariba North-Kariba South 330 kV interconnector between Zambia and Zimbabwe. Work is also in progress for the Zimbabwe-Botswana-South Africa interconnector.

Technical and Other Issues

Agreement between Operating Members

The SAPP has finalised the review of the Agreement between operating members. It is expected to be signed by the SAPP Executive Committee in April 2008.

SAPP Emergency Criteria and Procedures

The SAPP Coordination Centre developed the first draft of the emergency criteria and procedures during the month of March 2008. The developed document has been circulated to members for comments and finalisation. It is expected that once the document is approved, it will be implemented during the month of April 2008.

Zambia-Namibia Power Line Commissioned

The Livingstone (Zambia)-Katima Mulilo (Namibia) 220kV line was commissioned in the last week of March 2008 by President Hifikepunye Pohamba of Namibia and the Zambian President, Levy Mwanawasa.

The Katima power station cost NamPower N\$96 million (approximately US\$12 million) while on the Zambian side ZESCO pumped US\$17 million into the project. The whole project involved building a 231-km line from Victoria Falls power station in Livingstone, Zambia, to Katima Mulilo in Namibia.

The joint commissioning of the Livingstone/Katima Mulilo transmission line was undertaken as part of the recently signed Zimbabwe-Zambia-Botswana-Namibia (ZIZABONA) agreement.

Environmental Corner

PCB Management Guidelines and Hydropower EIA Guides

The Guidelines were tabled before the Management Committee for approval. Management Committee members expressed the desire to have the entire documents before approval. The documents have since been circulated to all members on CD.

ESC Training Programme

The Environmental Sub-Committee was asked to come up with a Training Programme as well as a budget for their training activities. This has since been compiled and is currently under review at the SAPP Coordination Centre.

Upcoming Events for 2008

DATE	EVENT
14 -16 April	DAM Certification & Refresher Course <u>Harare, Zimbabwe</u>
14-18 April	Africa Power & Electricity Congress <u>Johannesburg, South Africa.</u>
24 -25 April	24 th SAPP Executive Committee Meeting. <u>Johannesburg, South Africa.</u>
28-30 April	Meeting of the SADC Energy Ministers and Senior Officials <u>Kinshasa, DRC</u>
14 May	SAPP-Norwegian Government-Sida Annual General Meeting. <u>Harare, Zimbabwe</u>
19-22 May	Africa Utility Week. <u>Cape Town, South Africa.</u>
27-28 May	Industrial and Commercial Use of Energy Conference. <u>Cape Town, South Africa</u>
6 June	SAPP-Financiers Roundtable Meeting. <u>Midrand, South Africa.</u>
24-26 June	UPDEA Congress. <u>Nairobi, Kenya</u>
2-4 July	Africa Energy Forum. <u>Nice, France</u>
September	31 st SAPP Meetings. <u>Maputo, Mozambique.</u>
November	25 th SAPP Executive Committee Meeting.