



MONTHLY REPORT

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Energising the region for economic development

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Meetings and Conferences

New Trading Platform Development

Work on the development of the new trading platform continued during the month of November 2014. The master data windows and the clearing engines were developed and are expected to be tested in December 2014. FAT tests are expected in December 2014 with SAT and commissioning expected in January 2015 in Harare, Zimbabwe.

Project Definition Readiness Assessment in CEC

The SAPP Project Peer Review Task Team visited CEC to evaluate the status and progress on the Kabompo 40 MW hydro power plant and the Luapula Projects.

Climate Change Assessment of Energy – Water Nexus in the Zambezi Basin Forum

The meeting on the project was convened in Lusaka, Zambia, in November 2014. The objective of the meeting was to discuss the findings of the research on assessment of impact of climate change on the existing and planned hydropower plants along the Zambezi River.

Results of the First Phase of Research on how climate change and upstream irrigation development could affect hydropower generation were discussed. The second phase of the research will create long-term regional electricity supply and demand scenarios for the SAPP region and link these to a Zambezi Water Model, to see how climate and development impacts on hydropower will influence national and regional supply and demand balance in future.

Telecommunications Working Group

The SAPP Telecommunications Working Group (TWG) held a meeting in Windhoek, Namibia on the 20th of November 2014. Among other things, the meeting planned the implementation of optic fibre network as the VSAT contract will be expiring in March 2015. It was recommended that a 6 months contract be signed between the SAPP Coordination Centre and the VSAT service provider, so as to allow the remaining works on the fibre gaps to be concluded.



TWG members at the meeting

Integration of Renewable Energy

Under the European Union Technical Support to SAPP Project, a capacity building workshop on integration of renewable energy power sources was held in Pretoria, South Africa. Members of the SAPP Planning and Operating Sub-Committees attended the workshop. Facilitators shared knowledge and experiences from Africa and overseas on how to mitigate challenges of operating renewable energy sources.



Some of the SAPP delegates at the workshop on Renewable Energy Sources

SAPP Management Committee Study Tour to Brazil

The SAPP Management Committee Members undertook an Executive Exchange Visit to Brazil from 24 to 28 November 2014 to experience the evolution in the electricity sector in Brazil. The workshop was held at the Golden tulip Hotel in Rio de Janeiro. The workshop was opened by Mr Altino Ventura, Secretary of Development and Energy Planning and Mr Pedro Luiz de Oliveira Jatoba from Eletrobras and the official host. A number of lessons were learnt on project implementation, institutional framework etc. A detailed report with the lessons learnt and the recommendations for SAPP consideration will be prepared.

The topics discussed included: Electricity Sector Governance Issues, Power Pooling Arrangements & Governance, Market Operations, Projects Planning and Implementation, Transmission Access Allocation, Pricing Arrangements, and Energy Crisis in Brazil and the Response.



MANCO Chairperson Mr Nchena Mothebe delivering a speech during a workshop in Brazil



SAPP Members pose for a photo at CEPEL Offices



SAPP Members pose for a photo during the visit to Brazil

Update on SAPP Projects

Zimbabwe-Zambia-Botswana-Namibia (ZIZABONA) Transmission Project

Payment of outstanding invoices by the AfDB for consultants for the project is imminent. Once payment is done, work on all three packages is expected to resume. Scoping meetings for Package 3, Environmental and Social Impact Assessment (ESIA) for the line route in Zambia is expected to commence during the second half of January, 2015.

Mozambique-Zimbabwe-South Africa (MOZISA) Transmission Project

A new Request for Proposals (RfP) will soon be issued for the project. The RfP will cover both scoping studies and a full feasibility studies up to financial closure of the project. Funding for the project has been fully secured from the Development Bank of Southern Africa (DBSA).

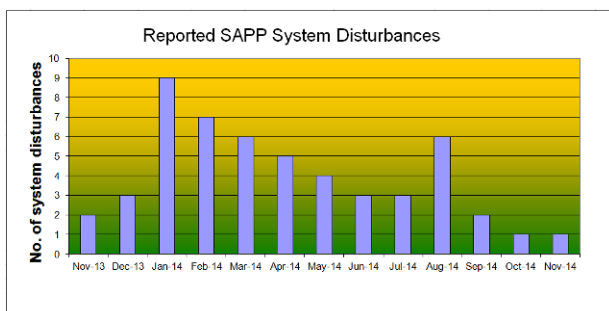
SAPP Pool Plan Expression of Interests

Twenty two (22) expressions of interest were received for the SAPP Pool Plan Review and evaluation is in progress.

System Operations

System Disturbances

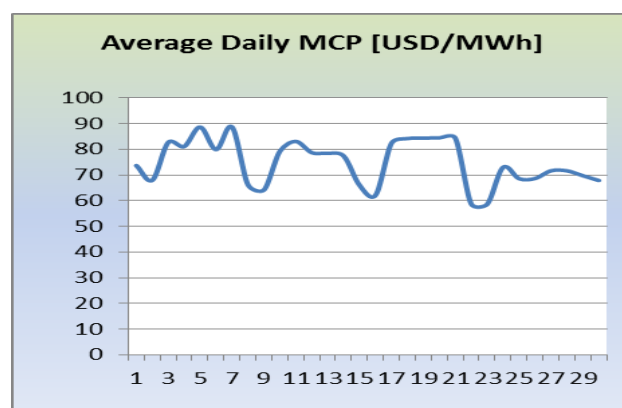
In the month of November 2014, one SAPP system disturbance was reported. In this disturbance one generator in Eskom lost load of about 210MW and led to power system frequency excursion. Figure below shows a general outlook of reported SAPP system disturbances.



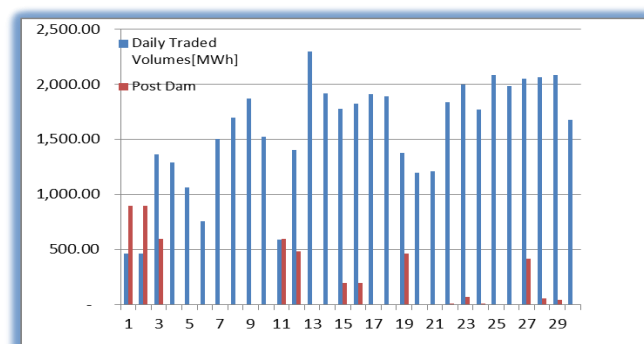
Reported SAPP system disturbances

Energy Trading

Trading continued to maintain steady volumes in the Day Ahead Market (DAM) with 51,929MWh being traded for USD2,681,050 in November 2014. Comparatively, 65,138.40 MWh were exchanged in October 2014 amounting to USD 3,486,852. The average market clearing price (MCP) declined from USD78.49/MWh recorded in October 2014 to USD74.83/MWh achieved in November 2014. Summarised below is the daily average MCP and traded volumes for November 2014.



Daily Average MCP, November 2014



Daily DAM & PDAM Traded Volumes, November 2014

Environmental Corner

PCB Phase-out Regional project

A UNEP appointed consultant is currently developing a Project Document for the SADC PCB Phase-out Project. To date a summaries of information on PCB have been received from Botswana, Malawi, Swaziland, Tanzania, Zambia and Zimbabwe.

Upcoming Events

DATE	EVENT
8 - 10 December, 2014	EU Sponsored Workshop, Equator Principles and Due Diligence, Victoria Falls, Zimbabwe
13 - 16 December, 2014	Zambia-Tanzania-Kenya Inter-connector Ministers Meeting, Livingstone, Zambia
15 January, 2015	SADC Workshop on Sustainable Water Resources Management, Johannesburg, South Africa
19-23 January, 2015	SAPP New Trading Platform SAT, Harare, Zimbabwe
26-27 January, 2015	SAPP New Trading Platform Users Training, Harare, Zimbabwe
25 - 29 January, 2015	Renewable Energy Training Week, Abu Dhabi, UAE
23-25 February 2015	44th SAPP Meetings, Harare, Zimbabwe
26 March 2015	38 th SAPP Executive Committee Meeting, Johannesburg, South Africa