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## Meetings, Workshops and Conferences

### SADC Ministerial Workshop of Energy & Water Crisis

SADC Ministerial Workshop on Water and Energy was held on 20 June 2016 in Gaborone, Botswana. SADC Ministers responsible for water and energy agreed to forge closer regional collaboration in promoting water and energy security, rather than addressing solutions mainly at national level. They emphasized on the need for the region to accelerate the implementation of priority energy and water infrastructure projects in the SADC Regional Infrastructure Development Master Plan (RIDMP). The RIDMP Energy Sector Plan has identified 73 power projects that will increase generation capacity from the current 56,000 MW and ensure that the projected demand of 96,000MW is surpassed by 2027. The Water Sector Plan contains a total of 34

infrastructure projects aimed at improving access to water in the region. Ministers called on the SAPP to ensure that all countries are fully connected to the regional power grid so that countries can share surplus power across borders. Member States were encouraged to exploit renewable energy sources, which are abundant in the region. However, for this to happen, there is need for innovation in the mobilization of financial resources.

The Ministers responsible for Energy in Zimbabwe and Mozambique took the opportunity to sign the Inter-Governmental Memorandum of Understanding (IGMOU) for the Mozambique-Zimbabwe-South Africa (MOZISA) transmission Interconnection project.



*Seated from left, Hon Ministers Responsible for Energy in Mozambique (Hon. Minister Pedro Conceição Couto) and Zimbabwe (Hon. Minister Samuel Undenge) signing the MOZISA IGMOU during the SADC Energy Ministers Meeting in Gaborone, Botswana.*

### Human Resources Working Group Meeting

The SAPP Human Resources Working Group (HRWG) met in Windhoek, Namibia from the 20th to the 21st of June 2016. The Working Group reviewed the Human Resources Policies of the Coordination Centre.



## Transmission Pricing Workshop

Members of the SAPP Markets and Planning Sub-Committees met from 28 to 29 June 2016 in Johannesburg, RSA. They reviewed results from the new transmission pricing methodology, analyzed the financial impacts on utilities, and then made key resolutions pertaining to implementation of the new methodology. The resolutions will be presented to the SAPP Management Committee in August 2016.

## Market Surveillance Workshop

The MSC met on 29-30 June 2016 in Johannesburg, RSA soon after the joint PSC/MS on transmission pricing to discuss the long term market surveillance arrangements in SAPP. The MSC proposed setting up of a Markets Monitoring and Surveillance Team (MMST) to oversee the market surveillance in SAPP, a proposal that was once suggested in 2010 but was put on hold pending market growth.

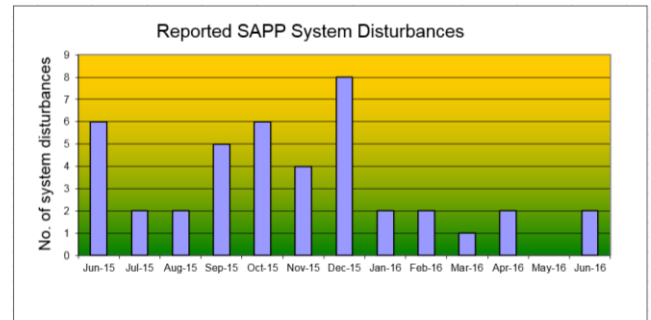
The MSC went through and agreed on the contents the draft terms of reference (TORs) for the MMST. MSC also agreed on the composition for the MMST. The draft TORs and composition for the MMST will be presented for consideration during the 47<sup>th</sup> SAPP Management Committee meetings planned for on the 2<sup>nd</sup> of September 2016 in Swaziland.

## System Operations

### System Disturbances

In the month of June 2016 two system disturbances were reported on the SAPP interconnected system. In the first one, transmission lines tripped in Zimbabwe. Power swings were observed in the central corridor. The interconnections between Zimbabwe and Zambia and also between Zimbabwe and Mozambique also tripped. In the second disturbance, the 400 kV interconnection between South Africa and Namibia tripped due to protection malfunction.

Refer to figure below for the general outlook of reported SAPP system disturbances.



Reported SAPP System Disturbances

## Update on SAPP Projects

### AfDB Mission on ZIZABONA

The African Development Bank represented by Dr Jacques Moulot, AfDB Chief Energy Specialist had a project mission to SAPP in Harare on 6-8 June 2016 mainly focusing on the Zimbabwe-Zambia-Botswana-Namibia (ZIZABONA) transmission interconnection project. The mission covered the project progress status, challenges the project was facing and the status of the consultants working on the project preparatory works. The grant validity was also extended to 31<sup>st</sup> December 2017.



AfDB delegation pose for a photo with SAPP staff during the AfDB mission to SAPP on 6-8 June 2016.



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## BOSA Project Concept Presentation

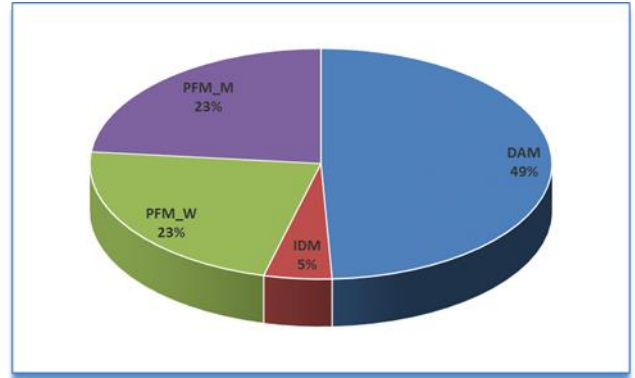
A presentation of the project concept for the proposed Botswana-South Africa (BOSA) interconnection project was made by the Consultant Aurecon on 22 June 2016 in Johannesburg, South Africa. The presentation covered route selection, environmental and social considerations, technical and market study issues. The presentation was attended by the project sponsors Botswana Power Corporation (BPC) of Botswana and Eskom of South Africa. Also in attendance was the SAPP as the Project Coordinators and DBSA and KfW as the funders for the project preparatory works.

## Electricity Trading

### Energy Traded

Total traded volumes on day ahead market (DAM) and intra-day market (IDM), Forward Physical Market Monthly (FPM-M) and Forward Physical Market Weekly (FPM-W) was relatively lower in June 2016 at 30,877.50 MWh. Of this, 49% or 15,201 MWh was traded on DAM, FPM-M recorded 23% or 7,218 MWh whereas in FPM-W recorded 6,992.50 MWh or 23% and 1,466 MWh or 5% was traded in IDM. IDM increased by 49 MWh or 3% in June 2016 when compared to May 2016 where 1,417 MWh was traded on IDM.

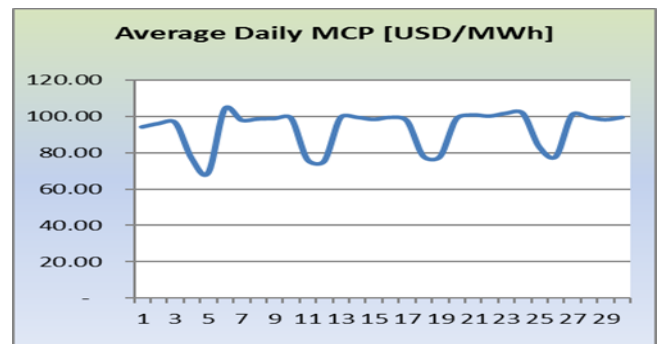
On the other hand, DAM traded volume decreased by 129.80 MWh or 1% from the 15,330.80 MWh recorded in May 2016. Similarly, FPM Monthly recorded a slight decrease of 62MWh or 1% in June 2016 when compared to 7,280MWh traded in May 2016. FPM Weekly also recorded the largest decrease in traded volumes with 6,992.50 MWh being traded in June down from 16,510 MWh achieved in May 2016. Below is the trading trend in DAM, IDM, FPM-M and FPM-W for the month of June 2016.



Traded Volumes in percentage (%) in DAM, IDM, FPM-W and FPM-M for the month of June 2016.

## Market Clearing Prices

Prices were relatively stable on the competitive market for most of the days during the month of June 2016. The average monthly market clearing price (MCP) on DAM was higher during the month of June 2016 at 9.323 USc/kWh when compared to the 7.864 USc/kWh recorded in May 2016. Below is a summary of the daily average MCPs for the month of June 2016.



Daily Average MCP prices for the Month of June 2016.

## Market Revenues

A total of **USD 2,554,844.66** was exchanged on the DAM, IDM, FPM-W and FPM-M market during the month of June 2016 when compared to a total of **USD 3,297,992.67** exchanged in May 2016. The decrease is mainly attributed to the decrease in traded volumes.



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## Environmental Corner

### Environmental and Social Management Framework for the SAPP

The Environmental Sub-Committee (ESC) held the first workshop with the consultant for the study on the Environmental and Social Management Framework study for SAPP in Johannesburg, South Africa on 30 June, 2016. The workshop was convened to introduce the consultant to the utilities as well as highlight on data requirements by the consultant. The project is being funded by the World Bank.



Members of the ESC during the Workshop on ESMF for SAPP



Participants in session during the workshop on ESMF for the SAPP

### Meeting on updating Environmental Management Guidelines for the SAPP

The Environmental Sub-Committee members convened a meeting at Eskom Academy of Learning in Midrand, South Africa to update the following Guidelines;

- Climate Change Strategy for the SAPP
- SAPP PCB Management and Phase-out Guidelines
- SAPP Guidelines on Handling of Oil Spills

Members agreed to finalise the guidelines by 31 July, 2016.

### Upcoming Events

DATE	EVENT
1 – 2 July 2016	IEEE PES Power Africa Conference, <b>Livingstone, Zambia</b>
12 – 14 July 2016	SAPP-MTP Certification & Bidding Strategies Training, <b>Johannesburg, RSA</b>
19 – 21 July 2016	POWERGEN Africa 2016 Conference, <b>Johannesburg, RSA</b>
20-21 July 2016	System Protection and Emergency Preparedness Meeting, <b>Harare, Zimbabwe</b>
29 Aug – 3 Sept 2016	47 <sup>th</sup> SAPP Management Committee Meetings, <b>Swaziland</b>
29 Sept 2016	SADC Thematic Group Meeting, <b>Gaborone, Botswana</b>
11-14 Oct 2016	41 <sup>st</sup> SAPP Executive Committee Meeting, Swakopmund, <b>Namibia</b>



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