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## Meetings, Workshops and Conferences

### Project Development Readiness - Mozambique

The SAPP Project Readiness Assessment Team conducted a two-day training to the EDM and HCB staff on Project Definition Readiness Index (PDRl). This is a tool that allows Project Team to quickly identify project risk factors related to desired outcome for cost, schedule and operating performance. Using PDRl Project Teams can capture mitigation items as well and identify areas that needs to be addressed early to avoid project delays.

### Africa Utility Week Conference

The 2017 Africa Utility week was held on 15-18 May 2017 in Cape Town, South Africa. The conference covered a number of areas that include renewable energy development and integration, mini grids, generation and transmission infrastructure development etc. The conference was attended by more than 7,000 delegates, more than 300 exhibitors, 284 expert speakers and 66 utilities from 20 African countries. A number of SAPP utilities were also in attendance. The SAPP CC was represented by the Acting Centre Manager, the Chief Market Analyst and the Transaction Advisor.

### SAPP-NORAD-SIDA Annual Meeting

The SAPP-Sida-Norway 2017 Annual General meeting was held on 23<sup>rd</sup> May 2017 in Harare, Zimbabwe. The meeting was attended by representatives from Government of Norway, Sida, NORAD and SAPP CC. The 2016/17 annual report was presented to the meetings. Norway and Sida extended the grant support to SAPP to April 2019 at no cost. The activities to be included in the extension were discussed and agreed, including the work plan for 2017/18.

### New SAPP Website

The development of the new SAPP website was completed. StarBright of South Africa the developers trained the SAPP staff on the 11<sup>th</sup> of May 2017 to enable them to take over on the site maintenance. The new website will be online in the first week of June 2017.



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## 7<sup>th</sup> SADC River Basin Workshop and Energy-Food Nexus Workshop



Delegates at the 7<sup>th</sup> SADC River Basin Workshop

The SADC is implementing the SADC nexus dialogue whose overall objective is to support the transformation required to meet increasing water, energy and food security demand in a context of climate change in the region through development of an integrated nexus approach. To achieve the objective, SADC convened a River Basin Organization workshop whose objectives were:

- To unpack the issues and challenges and discuss the importance of investing in water resources quality management in the region
- Share practical practices in water quality management in the region
- Increase the understanding of water-food-energy nexus approaches in the region

The SAPP was represented by Johnson Maviya who led a discussion on energy availability in the nexus.

## Transmission Pricing Task Team Meeting

Members of the SAPP Transmission Pricing Task Team met from 30 May to 2 June 2017 at SAPP Coordination Centre in Harare. They updated the SAPP PSSE base case file for application in the proposed new Transmission Pricing model. They analysed historic power flow data on interconnectors and developed a methodology for

determining energy interchange scenarios. They also tested the updated Transmission Pricing model using the SAPP PSSE base case file.

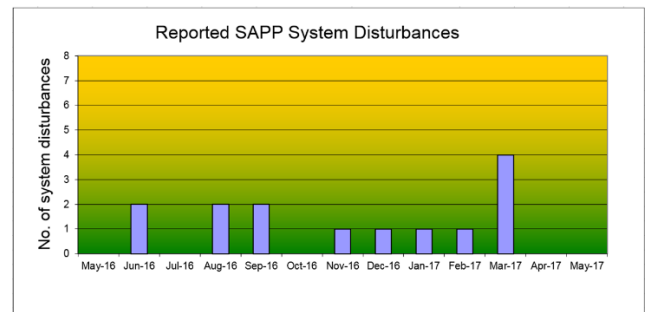


Some members of the SAPP Transmission Pricing Task Team at the meeting

## System Operations

### System Disturbances

In the month of May 2017, no SAPP system disturbances was reported. Refer to figure below for the general outlook of reported SAPP system disturbances.



Reported SAPP System Disturbances

## Electricity Trading

### Energy Traded

Trading in the market was higher during the month of May 2017 when compared to April 2017. Total traded volumes on the Day Ahead market (DAM), intra-day market (IDM), Forward Physical Market

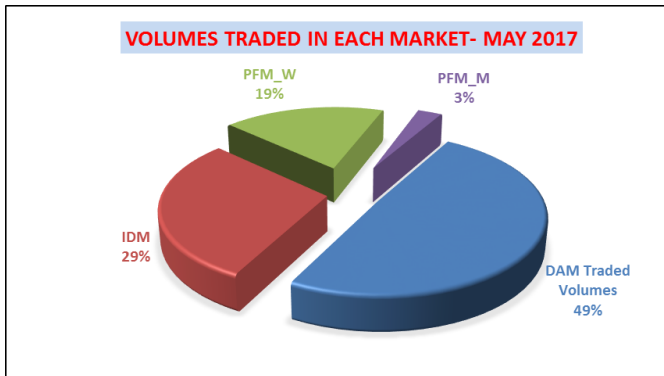


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Monthly (FPM-M) and Forward Physical Market Weekly (FPM-W) increased by **3.6% to 131,363.4 MWh** in the month of May 2017, compared to the April 2017 figure of 126,853.90 MWh. Below is the overview of volumes traded in DAM, IDM, FPM-M and FPM-W for the month of May 2017.



Traded Volumes in MWh in DAM, IDM, FPM-W and FPM-M for the month of May 2017.

### Market Clearing Prices

#### FPM Monthly Prices

Non off-peak prices decreased by 0.45% from 6.732 USc/KWh in April 2017 to 6.283 USc/KWh in May 2017. Off Peak prices marginally decreased by 0.2% from 3.906 USc/KWh in April 2017 to 3.707 USc/KWh in May 2017.

#### FPM Weekly Prices

The average price for the Peak period was lower by 14.6% at 7.551USc/KWh in May 2017 from the April 2017 figure of 8.837USc/KWh. Standard period average prices increased from the April 2017 figure of 3.764USc/KWh to 4.444 USc/KWh in May 2017. The average Off–Peak price also decreased by 13.5% from 2.678USc/KWh recorded in April 2017 to 2.317USc/KWh in May 2017.

#### Day Ahead Market

The monthly average Day Ahead market clearing price (MCP) was slightly higher during the month of May 2017 at 4.964USc/KWh when compared to the 3.829USc/KWh recorded in April 2017.

Below is a summary of the daily average MCPs for the month of May 2017.



Daily Average MCP prices for the month of May 2017.

### Market Revenues

A total of **USD 7,971,143.56** was exchanged on the DAM, IDM, FPM-W and FPM-M market during the month of May 2017 when compared to a total of **USD 5,298,273.52** exchanged in April 2017. The increase is mainly attributed to the increase in traded volumes in May 2017 when compared to April 2017.

### Environmental Corner

#### SAPP Grid Emission Factors

The SAPP Grid Emission Factors developed for the SAPP region is a Standardised Baseline as well a Carbon Financing Mechanism that is not only for the Clean Development Mechanism (CDM) projects but also for reporting environmental issues for power utilities. The United Nations Framework Convention on Climate Change (UNFCCC) validated the revised Grid Emission factor for the SAPP during the month of May 2017 for use by members.



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## Upcoming Events

DATE	EVENT
30 May – 1 June 2017	SAPP Transmission Pricing Task Team Meeting, <b>Harare, Zimbabwe</b>
1 – 2 June 2017	SAPP MSC Task Team Meeting, <b>Johannesburg, South Africa</b>
6 – 9 June 2017	Africa Energy Forum, <b>Copenhagen, Denmark</b>
15 – 16 June 2017	Projects Peer Review, <b>Manzini Swaziland</b>
16 June 2017	International Conference on Renewable Energy Development and Technology, <b>Frankfurt, Germany</b>
20 – 21 June 2017	Projects Peer Review, <b>Lusaka, Zambia</b>
27 – 28 June 2017	SAPP Pool Plan Workshop for SAPP Utilities, <b>Johannesburg, South Africa</b>
29 – 30 June 2017	SAPP-EAPP Transmission Integration Studies Kick off Meeting, <b>Johannesburg, South Africa</b>
5 – 7 July 2017	SAPP Legal Working Group Meeting, <b>Johannesburg, South Africa</b>
9 -14 July 2017	SADC Investors Conference and Energy Ministers Meetings, <b>Manzini, Swaziland</b>
18 – 20 July 2017	POWER-GEN & DistribuTECH Africa 2017, <b>Johannesburg, South Africa</b>

20 – 21 July 2017	MSC IT Task Team Meeting, <b>Johannesburg, South Africa</b>
1 – 2 Aug 2017	CPWG Meeting, <b>Windhoek, Namibia</b>
4 – 8 Sept 2017	SAPP Management Committee Meetings, <b>South Africa</b>
October 2017	SAPP Executive Committee Meeting, <b>Malawi</b>



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