



CONTENTS

Meetings, Workshops and Conferences.....	1
IPP Framework	1
Power & Electricity World Africa 2015	1
System Operations	1
System Disturbances	1
Power Transfer Limits Studies	2
Update on SAPP Projects.....	2
ZIZABONA	2
Markets.....	2
Energy Trading	2
Environmental Corner	3
Earth Hour 2015	3
Environmental Risk Assessment	3
Upcoming Events.....	3

Meetings, Workshops and Conferences

IPP Framework

A workshop was held from 17 to 20 March 2015 for SAPP Management Committee members on Investment and Project Management, with a bias towards Independent Power Producer (IPP) Frameworks. The workshop was sponsored by the US Department of State. The following were some of the topics discussed during the workshop:

- Power situation in South Africa;
- Effective power pools designs;
- IPP procurement processes;
- How state utilities should prepare for electricity markets;
- Legal framework and documentation for private investment; and,
- Calculating value for money Public vs Private investment.

Power & Electricity World Africa 2015

The 18th edition of the Power and Electricity World Africa conference was held from 24 to 25 March 2015 at Sandton Convention Centre in Johannesburg, South Africa. The following were

some of the key issues deliberated at the conference:

- Power situation in South Africa;
- Country presentations including Namibia, Angola, Tanzania, and Mozambique;
- Trans-regional electricity trading issues; and,
- Project Finance and Investment in power projects.

SAPP was represented by a number of member utilities and Mr. Musara Beta from the SAPP Coordination Centre.

System Operations

System Disturbances

In the month of March 2015, seven system disturbances were reported on the SAPP interconnected power system. In the first disturbance, all four units in service at a major power station in Zambia tripped due to a 330kV bus bar fault. Also, one of the two lines interconnecting Zambia and Zimbabwe tripped due to the same fault. Further, some customer loads tripped in Zambia due to under-frequency protection. In the second disturbance, the power system frequency dipped to outside the normal band due to loss of about 600MW of generation in South Africa. The third one was characterized by power oscillations in the central corridor of the interconnection, leading to the tripping of the Botswana – Zimbabwe 400kV interconnector followed by some loads in Botswana, Zambia and DR Congo due to frequency instability. The remaining disturbances affected the Zambia – DR Congo 220kV interconnector. It tripped twice due to overload and twice again due to adverse weather conditions. Figure below shows a general outlook of reported SAPP system disturbances.

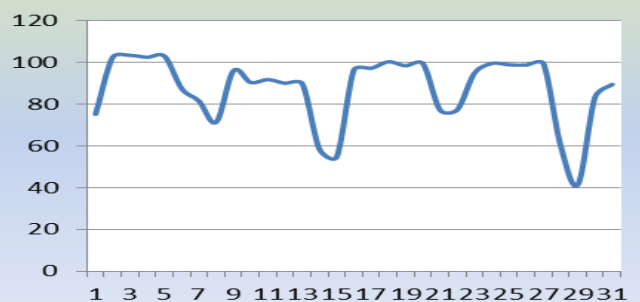


Markets

Energy Trading

Trading in the market was lower during the month of March 2015 when compared to the traded volumes in February 2015. With regards to bids submitted, there were more buy bids than sale offers received in March 2015 in the day ahead market trading platform. A total of 45,118 MWh Sale offers and a total of 257,710 MWh Buy bids were received in March 2015. There was an increase of 4,712 MWh or 11.66% in Sale offers received and another increase of 5,290 MWh or 2.10% in Buy bids received in March 2015 when compared to February 2015 figures of 40,406 MWh Sale offers and 252,400 MWh Buy bids received. There could have been more trade in the market were it not for many generator outages that was experienced during the month.

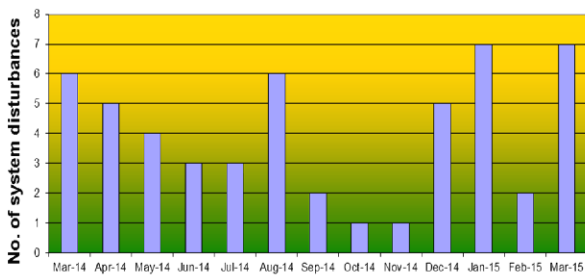
Average Daily MCP [USD/MWh]



Daily Average Market Clearing Prices, March 2015

A total of USD 2,422,295.55 was exchanged on the DAM and PDAM market during the month of March 2015 when compared to a total of USD 1,989,121.81 exchanged in February 2015. The reduction is mainly attributed to the reduction in traded volumes.

Reported SAPP System Disturbances



Reported SAPP System Disturbances

Power Transfer Limits Studies

System studies for power transfer limits in the ZESA and ZESCO Control Areas were successfully carried out at SAPP Coordination Centre in Harare from 18 to 20 March 2015. The studies were carried out by a team of engineers from ZESA, ZESCO, CEC, SNEL and SAPP Coordination Centre. The determined transfer limits will be applicable in 2015 on the various interconnectors of the two Control Areas.

Update on SAPP Projects

ZIZABONA

A meeting between SAPP-CC, ZESCO and the three consultants for the ZIZABONA project was convened on 25th March, 2015 in Lusaka Zambia. Discussions focused on project implementation and revised timelines following the late disbursement of funds from the AfDB. The two firms, namely Fichtner and SWECO for Transaction and Technical Advisory Services and the Environmental Impact Assessment for the line route in Zambia respectively presented planned activities and timelines for the project implementation which will see completion within the next 12 months.



Southern African Power Pool (SAPP)
 24 Golden Stairs Road, P.O. Box EH52, Emerald Hill,
 Harare, Zimbabwe,
 Tel: +263-4-335517/335558 / 335468 Fax: +263-4-307023
 Email: info@sapp.co.zw Website: www.sapp.co.zw



Environmental Corner

Earth Hour 2015

Earth Hour 2015 was commemorated between 20:30 and 21:30 hours on 28 March, 2015. Several utilities commemorated the day by encouraging customers to switch themselves off during the hour to raise awareness on climate change. The SAPP utilities are currently compiling statistics on power saved during the hour.

Environmental Risk Assessment

A team comprising LEC, SEC, CEC and SAPP-CC has started working on the Environmental Risk Assessment for the SAPP. The team has so far identified all risks associated with SAPP operations and will meet in June, 2015 to come up with a draft Environmental Risk Assessment for the region.

Upcoming Events

DATE	EVENT
2 – 3 April 2015	World Bank meetings, Addis Ababa, Ethiopia
9-10 April 2015	PIDA Meeting, Victoria Falls, Zimbabwe
15 April 2015	ZIZABONA Steering Committee Meeting, Johannesburg, South Africa
16 April 2015	38th SAPP Executive Committee Meeting, Megawatt Park Conference Centre, South Africa
20 – 24 April 2015	AFUR 12th Conference & Annual General Meeting, CTICC, Cape Town, South Africa
21 April 2015	SAPP – Sida, NORAD, Annual General Meeting, Harare,

	Zimbabwe
28 - 30 April 2015	Pricing Task Team Meeting, Johannesburg, South Africa
5 – 6 May 2015	Copperbelt Mining Trade Expo & Conference, Mist Gardens, Kitwe, Zambia
12 – 14 May 2015	15th Annual African Utility Week & Clean Power Africa, Cape Town, South Africa
June 2015	SAPP QOS workshop, Kitwe, Zambia
22 - 26 June 2015	SAPP OSC Study Tour to ENTSO-E, Europe
Aug /Sept 2015	45th SAPP Management Committee Meetings, Botswana
October 2015	Traders and controllers Forum, Lubumbashi, DR Congo
October 2015	39th SAPP Executive Committee Meeting, Zambia



Southern African Power Pool (SAPP)
 24 Golden Stairs Road, P.O. Box EH52, Emerald Hill,
 Harare, Zimbabwe,
 Tel: +263-4-335517/335558 / 335468 Fax: +263-4-307023
 Email: info@sapp.co.zw Website: www.sapp.co.zw

