



Promoting a Regional Competitive Electricity Market

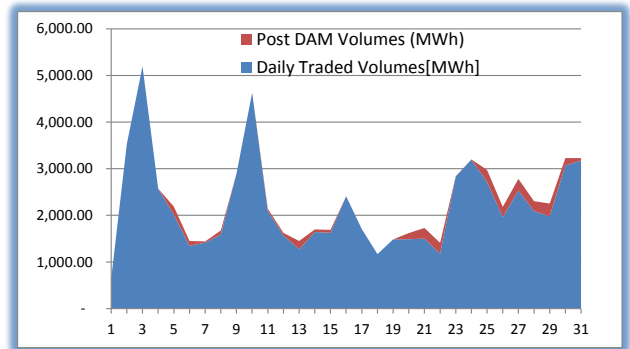
May 2015



offers received and an increase of 32,745 MWh or 12% in Buy bids received in May 2015 when compared to April 2015 figures of 110,564 MWh Sale offers and 273,108 MWh Buy bids received.

Total traded volumes on DAM and PDAM was relatively higher in May 2015 at 71,339.80 MWhr. Of this, 96% or 68,515.20 MWhr was traded on DAM while 2,824.60 MWh or 4% was traded in PDAM. PDAM decreased by 55% in May 2015 when compared to April 2015 where 6,321.30 MWh was traded in PDAM. On the other hand DAM traded volumes increased by 7,953.10 MWhr or 13% from the 60,562.10 MWhr recorded in April 2015.

Below is the trend of trading in DAM and PDAM in May 2015.



Of interest to note is the significant reduction in PDAM trades in May 2015. This is a sign that more matching is happening on DAM.

There was matching of bids in DAM for 31 days and 742 hours or 99.73% of the time during the month of May 2015. Due to transmission constraints encountered in some hours, trading occurred for 31 days and 724 hours (including PDAM) or 97.31% of the time. In comparison, trading occurred for 30 days and 690 hours or 95.83% with matching occurring for 30 days and 692 hours or 96.11% of the time during the month of April 2015. Below are summaries of market

## CONTENTS

- Market Performance Highlights .....1
- Participation Levels .....1
- Market Liquidity .....1
- Impact of Transmission Constraints .....2
- Market Clearing Prices .....2
- Revenue Performances .....3

## Market Performance Highlights

### Participation Levels

There were ten (10) active portfolios from nine (9) members during the month of May 2015, exactly the same number of portfolio and participants when compared to April 2015 records.

### Market Liquidity

May 2015 recorded the highest traded volumes on the market in a single month since the SAPP DAM market was opened in December 2009. With regards to bids submitted, there were more buy bids than sale offers received in May 2015 in the day ahead market trading platform. A total of 101,133 MWh Sale offers and a total of 305,853 MWh Buy bids were received in May 2015. There was a decrease of 9,431 MWh or 8.5% in Sale

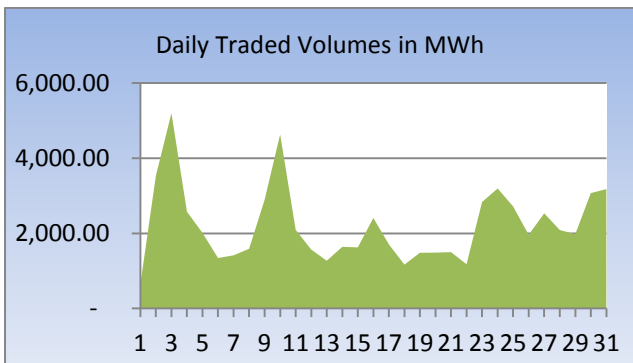
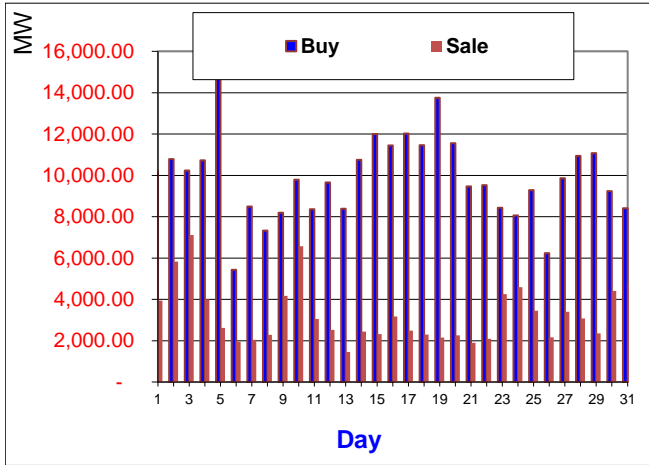


**Southern African Power Pool (SAPP)**  
 24 Golden Stairs Road, P.O. Box EH52, Emerald Hill,  
 Harare, Zimbabwe,  
 Tel: +263-4-335517/335558 / 335468 Fax: +263-4-307023  
 Email: [info@sapp.co.zw](mailto:info@sapp.co.zw) Website: [www.sapp.co.zw](http://www.sapp.co.zw)



performance in terms of volumes traded, offers and bids received during the month of May 2015.

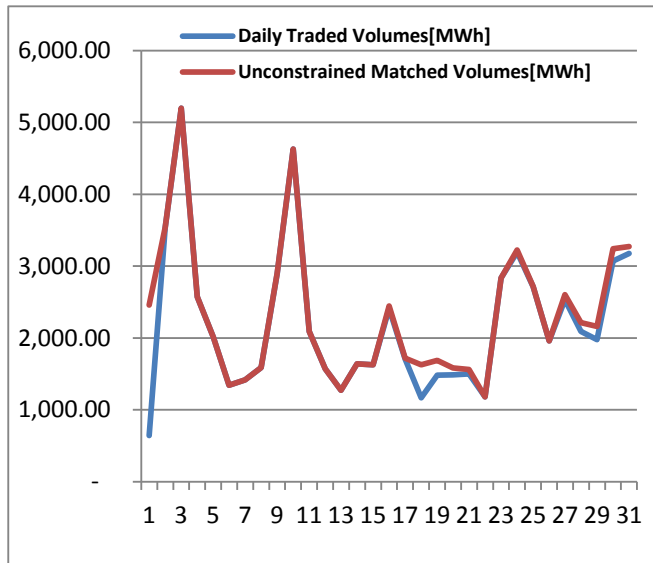
**Fig 1.1 Total Buy and Sale Bids Received Daily in May 2015 (MWh).**



**Impact of Transmission Constraints**

There is significant improvement in terms of access to transmission capacity for the market. As a result of this, out of a total of 71,885 MWhr (excluding PDAM) that were matched on the DAM trading platform 68,515.20 MWh was able to be traded during the month of May 2015. In comparison, April 2015 had a total of 65,031 MWhr that was matched on DAM resulting in 60,562.10 MWh being traded and 4,468.9 MWh or 6.87% failing to be traded in DAM due to lack of transmission path on the Insukamini-Phokoje corridor.

**Fig1.3.1 Impact of Transmission Constraints on DAM Trading for the month of May 2015.**

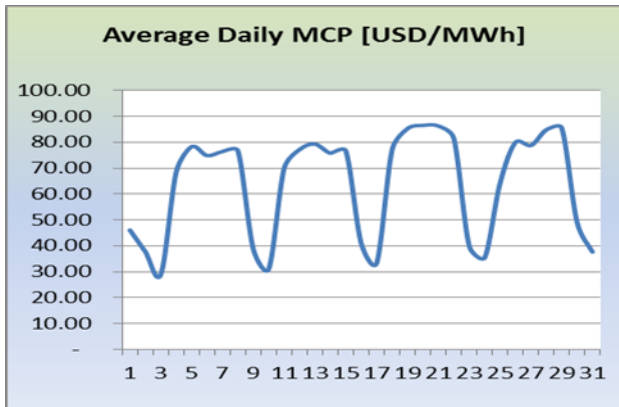


Matched and traded volumes were close to each other in most instances, a sign that there were less transmission constraints during the month of May 2015.

**Market Clearing Prices**

Prices were steady on the market for most of the days during the month of May 2015. The average monthly market clearing price (MCP) rose during the month of May 2015 to 6.391 USc/KWhr when compared to the 5.370 USc/KWhr recorded in April 2015. MCP prices have been averaging around 7.000 USc/KWhr in the previous months. Below is a summary of the daily average MCPs for the month of May 2015.

**Fig 1.4.1 Average Daily Market Clearing prices for the Month of May 2015.**



### Revenue Performances

A total of **USD 3,088,703.29** was exchanged on the DAM and PDAM market during the month of May 2015 when compared to a total of **USD 2,484,990.42** exchanged in April 2015. The increase is mainly attributed to the increase in traded volumes.



**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](mailto:info@sapp.co.zw) Website: [www.sapp.co.zw](http://www.sapp.co.zw)

