



# SAPP MARKET MONTHLY PERFORMANCE REPORT

April 2015

Promoting a Regional Competitive Electricity Market

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## 1. Monthly Market Performance Highlights

### 1.1 Participation Levels

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

### 1.2 Market Liquidity

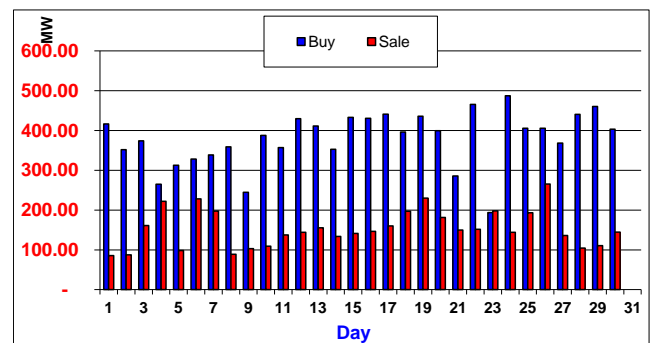
Trading in the market was higher during the month of April 2015 when compared to the traded volumes in March 2015. With regards to bids submitted, there were more buy bids than sale offers received in March 2015 in the day ahead market trading platform. A total of **110,564 MWh Sale offers** and a total of **273,108 MWh Buy bids** were received in April 2015. There was an increase of **65,446 MWh** or **145%** in **Sale offers** received and another increase of **15,398 MWh** or **6%** in **Buy bids** received in April 2015 when compared to March 2015 figures of **45,118 MWh Sale offers** and **257,710 MWh Buy bids** received.

Total traded volumes on DAM and PDAM was relatively higher in April 2015 at **66,883.40 MWhr**. Of this, **90.55%** or **60,562.10 MWhr** was traded on DAM while **6,321.30 MWh** or **9.45%** was traded in PDAM. PDAM increased by **24.1%** in April 2015 when compared to March 2015 where **5,090.40 MWh** was traded in PDAM. On the other hand DAM traded volume increased by **35,279.40 MWhr** or

**140%** from the **25,283.10 MWhr** recorded in March 2015.

There was matching of bids in DAM for **30 days and 690 hours or 95.83%** of the time during the month of April 2015. However due to transmission constraints, trading occurred for **31 days and 692 hours (including PDAM) or 96.11%** of the time. In comparison, matching occurred for **31 days and 663 hours or 89.11%** with trading occurring for **31 days and 720 hours or 96.77%** of the time during the month of March 2015. Below are summaries of market performance in terms of volumes traded, offers and bids received during the month of April 2015.

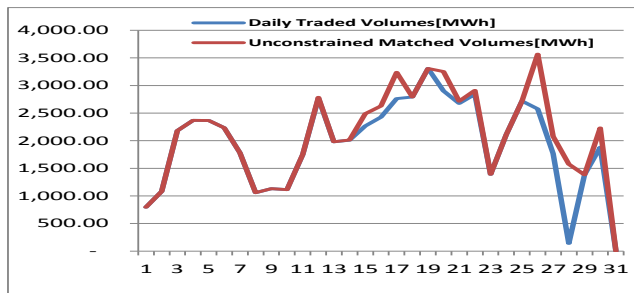
**Fig 1.1 Total Buy and Sale Bids Received Daily in April 2015 (MWh).**



### 1.1 Impact of Transmission Constraints

The competitive market continued to get more access to transmission capacity. As a result of this, out of a total of **65,031 MWhr (excluding PDAM)** that were matched on the DAM trading platform **60,562.10 MWh** was able to be traded during the month of April 2015. In comparison, March 2015 had a total of **26,335 MWhr** that was matched on DAM resulting in **25,283.10 MWh** being traded and **1,052 MWh** or **3.99%** failing to be traded in DAM due to lack of transmission path as DAM trades on the Insukamini-Phokoje.

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



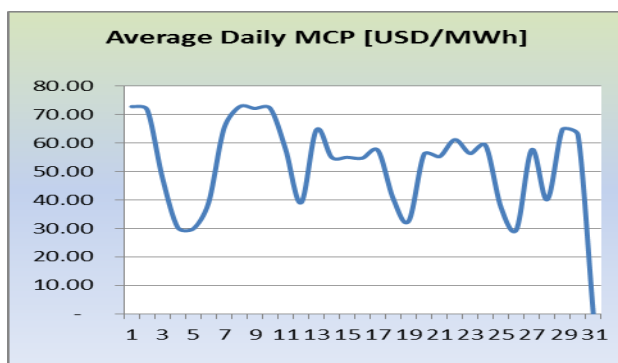
exchanged in March 2015. The reduction is mainly attributed to the reduction in traded volumes.

As can be seen from above graph, the matched and traded volumes were close to each other in most instances except for one day a sign that there were less transmission constraints during the month of April 2015.

### 1.2 Market Clearing Prices (MCPs)

Prices were steady on the market for most of the days during the month of April 2015. The average monthly market clearing price (MCP) declined to **5.370 USc/KWhr** during the month of April 2015 when compared to the **8.746 USc/KWhr** recorded in March 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 April 2015. The general increase in sale prices currently prevailing on the market often resulted in less matching of bids.

**Fig 1.4.1 Daily Average MCP prices for the Month of April 2015.**



### 1.3 Revenue Performances for April 2015

A total of **USD 2,484,990.42** was exchanged on the DAM and PDAM market during the month of April 2015 when compared to a total of **USD 2,422,295.55**