

## CONTENTS

<b>Meetings, Workshops and Conferences . 1</b>	
SAPP – JICA Meeting .....	1
SADC Energy and Water Ministers Meeting ...	1
APUA Annual Meeting .....	1
<b>SAPP Capital Projects .....</b>	<b>1</b>
Installation of Solar System at SAPP Offices..	1
<b>System Planning .....</b>	<b>1</b>
Transmission Pricing Model Review .....	1
SAPP Database Management System .....	1
<b>Update on SAPP Projects .....</b>	<b>1</b>
Baynes Hydro-Power Plant Transmission Project .....	1
Kolwezi – Solwezi Interconnector Project .....	2
Regional Transmission Infrastructure Financing Facility (RTIFF) .....	2
<b>System Operations .....</b>	<b>3</b>
SAPP System Disturbances .....	3
<b>Electricity Trading .....</b>	<b>3</b>
Traded Volumes .....	3
Market Revenues .....	3
Market Monitoring and Surveillance .....	3
<b>Environmental Corner .....</b>	<b>4</b>
SADC PCB Elimination Project .....	4
United for Efficiency Project .....	4
<b>Upcoming Events – 2022 .....</b>	<b>4</b>

## Meetings, Workshops and Conferences

### SAPP – JICA Meeting

SAPP held a meeting with the Japan International Cooperation Agency (JICA). The objective of the meeting was to discuss possible areas of technical cooperation.

### SADC Energy and Water Ministers Meeting

SAPP attended the joint meeting of the SADC Ministers responsible for Energy and Water held as a hybrid with the physical meeting in Blantyre, Malawi on 2 December 2021. SAPP provided an update on the regional power supply and demand balance and generation

and transmission projects. The ministers raised concern on vandalism of power infrastructure.

### APUA Annual Meeting

SAPP participated in the APUA 55<sup>th</sup> Annual meetings held virtually from 13 to 15 December 2021.

### SAPP Capital Projects

#### Installation of Solar System at SAPP Offices

A project kick of meeting was held with the company that will install the solar system at the SAPP Office in Harare.

### System Planning

#### Transmission Pricing Model Review

The refinement of the transmission pricing scenarios continued during the month to align with the utilities' system configuration. The scenarios will be used as input in the transmission pricing model.

### SAPP Database Management System

A kick-off meeting for Phase 2 was held on the 6<sup>th</sup> of December 2021 with the SAPP technical team to discuss data requirement issues and other technical issues.

The project is expected to be completed in March 2022.

### Update on SAPP Projects

#### Baynes Hydro-Power Plant Transmission Project

#### Technical Study:

On 14 December 2021, SAPP held a meeting with EIB, to explore potential for EIB cofunding the feasibility study with NEPAD-



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IPPF. The meeting observed that there was need to sign a Non-Disclosure Agreement between the two cooperating partners; SAPP and EIB, to manage the exchange of confidential project information, currently produced with funding support from the NEPAD-IPPF.

At the meeting held on 14 December 2021, the following were discussed:

- Since the procurement prequalification process has already started and based on the AfDB eligibility criteria, there would be need for harmonisation with the EIB eligibility criteria, with the implication that discussions with the NEPAD-IPPF must be restarted, to have an eligibility agreed position.
- Need for EIB to decide on the ongoing processes and applicable procedures for cofunding the feasibility study with NEPAD-IPPF, noting that preparations are advancing into the RFP stage between SAPP and NEPAD-IPPF.

### ESIA Study:

On 14 December 2021, SAPP held a meeting with EIB. Discussing on the ESIA EOI document, the EIB recommended the following:

- That the EOI should list EIB as one of the IFIs and that their requirements need to be fulfilled, in two places:
- The ESIA's and Framework RAP are to meet both national regulatory requirements and align with international good practice, specifically the World Bank's Environmental and Social Framework (ESF), the African Development Bank (AfDB) Group's Integrated Safeguards System, European Investment Bank (EIB) Environmental and Social Standards and the IFC's Sustainability Framework.

- The EOI should request for a Consultant with demonstrated experience working with Lender's E&S requirements (particularly the World Bank, AfDB, EIB and IFC).

### Kolwezi – Solwezi Interconnector Project

On 23 December 2021, the SAPP formally submitted the Project Closing report to the AFDB/NEPAD-IPPF. The report comprises an assessment of the project's outputs and outcome, and reports on the experiences and lessons learnt during project implementation.

### Regional Transmission Infrastructure Financing Facility (RTIFF)

The SAPP held a meeting with the SADC Secretariat on December 14<sup>th</sup> 2021 providing an update to the Deputy Executive Secretary for Regional Integration (DESRI) on progress to date as well as seeking advice on engagement and approval modalities.

The meeting provided an opportunity to share progress and identify key considerations and clarify the road map for the next steps. Attendees included the SADC Secretariat, SAPP Coordination Centre, Consultants of the project, AfDB, RERA, SACREEE, and the World Bank.

The opportunity of creating a working forum was discussed at length, with emerging recommendations pointing to engaging a technical committee in early April 2022. It was also noted that direct engagement with the utilities is fundamental as the specific potential financing models are developed to gauge and build interest. In that regard, engagements are scheduled for the second half of February 2022.



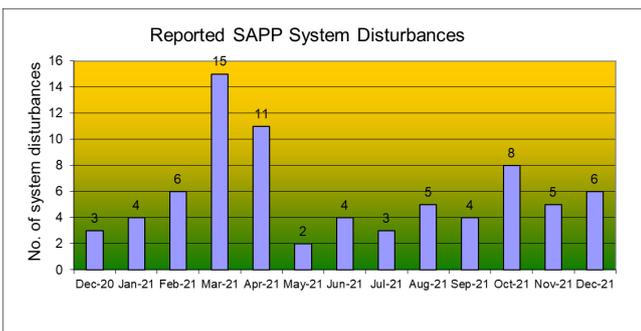
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## System Operations

### SAPP System Disturbances

In the month of December 2021, six (6) SAPP power system disturbances were reported. Three were power system frequency excursion events, caused by loss of generation units in South Africa. Two were caused by faults on the HVDC system in DR Congo. They resulted in tripping of HVDC converters in DR Congo and tripping of tie lines between DR Congo and Zambia. The last disturbance was caused by a transient fault on the 400 kV tie line between South Africa and Botswana. The tie line tripped and auto-reclosed but the one between Botswana and Zimbabwe tripped and locked out. Refer to figure below for an outlook of reported SAPP power system disturbances in the last twelve months.

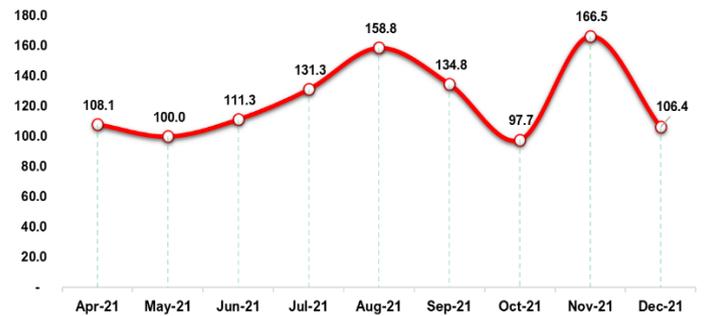


## Electricity Trading

### Traded Volumes

Market performance during the month of December 2021 was low when compared to November 2021. Total traded volumes on the Day Ahead Market (DAM), Intra-Day Market (IDM), Forward Physical Monthly Market (FPM-M), and Forward Physical Weekly Market (FPM-W) decreased by 36% to 106.4 GWh in the month of December 2021, from the November 2021 volume of 166.5 GWh.

### Total Traded Volumes (GWh)



Monthly Traded Volumes (GWh) in DAM, IDM, FPM-W, and FPM-M (April 2021 to December 2021).

### Market Revenues

A total of USD 8.5 million was exchanged on the competitive market during the month of December 2021 compared to USD 13 million exchanged in November 2021. The change is mainly attributed to a decrease in traded volumes. USD 9.8 million was exchanged on the competitive market during the same month of December in 2020.

### Market Monitoring and Surveillance

During the month under review there were no observed cases of market manipulation or use of insider information.

On year-on-year basis compared to December 2020, the average hourly DAM-Market Clearing Prices (MCPs) for November 2021 were relatively higher for both Off-peak and Standard times and lower for Peak periods.

According to the transmission allocation rules, transmission capacity utilisation was deemed to be efficient for the month under review. The Market Operator observed its own processes and procedures. Enerweb is still working on the Market Surveillance Unit enhancement project of the SAPP-MTP to



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ensure that implementation will be done as soon as possible.

## Environmental Corner

### SADC PCB Elimination Project

The Africa Institute (AI), the executing agency of the SADC PCB Elimination project, convened the project monthly meeting on 1 and 2 December 2021. The following were the salient discussion points:

- Contract for treatment of low PCB concentration materials to be concluded Q4, 2021.
- Three (3) countries have concluded inventory at 95% confidence level.
- Contract with service providers for the disposal of PCBs to establish operational plans for the respective countries and establish readiness for the development of a collection schedule; and establishment of ports of use, to be concluded Q1, 2022.
- Countries to develop Environmental Management Plans for PCB storage facilities.
- Consultant has developed health and safety standards for the disposal process, which are to be finalised by contractor and customised to meet country needs.
- Country operational plans to be developed and ten (10) technical staff to be availed for training and conduct work with the contractor.
- Standard Operating Procedures to be developed to monitor disposal.

### United for Efficiency Project

United for Efficiency (U4E) encourages green energy development, that may not necessarily replace transformers through this project, but may provide a business case to source financing for replacement.

It aims to provide a registry of transformers in utilities in terms of identifying their energy efficiency and establish a disposal mechanism to ensure continued efficient

operations and economic benefits. However, from utilities engaged so far in the SADC Region, it has been established that asset management is a challenge and has the potential to hamper the efficient operations of most utilities.

### Upcoming Events – 2022

DATE	EVENT
22 Feb 2022	SAPP Sub-Committee Meetings
23 Feb 2022	SAPP Coordination Centre Board Meeting
24 Feb 2022	SAPP Management Committee Meeting
March 2022	SAPP Executive Committee Meeting



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