BSP Capital Limited Money market Insight

Issue: #23/2023 24th November 2023

3 Weeks of Upside Trading in Treasury Bills as BPNG continues to offer the 7 Day Fixed Rate Full Allocation (FRFA.

- A total of K400.68m was offered in the T-bill auction this week. There was an oversubscription in the overall auction by an aggregate amount of K257.89m. The 273 bid is stronger proportional to offering, 364 days naturally is higher with higher offering.
- All tenors gained points in the week's auction across the board. Both the 182 & 364 days stocks gained 2 bps as the 273 days stock gained 6 bps.
- Graph 1.0 shows interest rates movement over a 12 month period for the 182, 273 and 364 days papers.
- The Central Bank notes that headline inflation is anticipated to remain low while core inflation is remains challenging, based on its assesment of economic fundamentals and broader macroeconomic indicators.
- The Kina Facility Rate (KFR) has reduced by 50 basis points for this month from 3.00% to 2.50%. The reduction aims to support economic growth as inflation remains subdued.
- BSP Treasury monthly market summary noted BPNG's increased intervention in the FX market has played a big part in system liquidity and the increase in auction rates across all tenors.

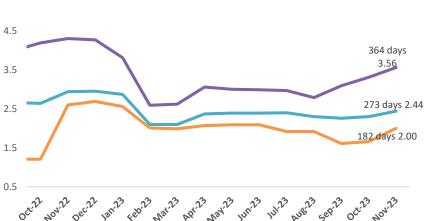
Table 1.0 – Previous auction results

| sults 24th N | lovember 2 | 023 | |
|--------------|-------------------------------------|--|--|
| 182 days | 273 days | 364 days | Total |
| 2.00% | 2.44% | 3.56% | |
| 20 | 50 | 330.68 | 400.68 |
| 15 | 102 | 541.57 | 658.57 |
| 15 | 15 | 330.68 | 360.68 |
| 0.75 | 2.04 | 1.64 | 1.64 |
| | 182 days 2.00% 20 15 15 | 182 days 273 days 2.00% 2.44% 20 50 15 102 15 15 | 2.00%2.44%3.56%2050330.6815102541.571515330.68 |

| Auction res | ults 17th N | lovember 20 | 023 | | 5.5 |
|-------------------------------|-------------|-------------|----------|--------|-----|
| Terms | 182 days | 273 days | 364 days | Total | |
| W.A.Y -17/11 | 1.80% | 2.38% | 3.54% | | 4.5 |
| Amount on offer (K'm) | 20 | 30 | 303.31 | 353.31 | |
| Bids received (K'm) | 0 | 2 | 600.03 | 602.03 | 3.5 |
| Successful bids(K'm) | 0 | 2 | 303.31 | 305.31 | |
| Overall-Subscription rate (%) | - | 0.07 | 1.98 | 1.70 | 2.5 |

| Auction re | sults 10th N | ovember 20 | 023 | |
|-------------------------------|--------------|------------|----------|--------|
| Terms | 182 days | 273 days | 364 days | Total |
| W.A.Y -10/11 | 1.80% | 2.35% | 3.50% | |
| Amount on offer (K'm) | 20 | 10 | 294.2 | 324.2 |
| Bids received (K'm) | 20 | 24 | 364.81 | 408.81 |
| Successful bids (K'm) | 20 | 10 | 283.41 | 313.41 |
| Overall-Subscription rate (%) | 1.00 | 2.40 | 1.24 | 1.26 |
| | | | | |

Graph 1.0-Yield curve (%) showing movement in the 182,273 and 364 days T-bills over 12 month period



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- Term deposit rates remained flat across the board.
- The Central Bank continues to strengthen the monetary policy operational framework by intensifying efforts to mob up excess liquidity and adopt more effective short-term liquidity management instruments. Trading in the 7-Day Fixed Rate Full Allocation (FRFA) Central Bank Bill continues.
- The FRFA Auction is exclusive to deposit takers, such as commercial banks, Savings & Loans Societies and & Finance Companies. This week saw the fixed rate of 2.00% increased to 2.50%pa, there are specific requirements, and outcome is solely subjected to Bank of PNG's decision.
- This week's FRFA Central Bank Bill auction allocated K2,259.90bn at a fixed rate of 2.50 percent. To improve the transmission of monetary policy, BPNG will continue to align its monetary policy instruments to better influence domestic market interest rates to respond to changes in the monetary policy rate the KFR. As a result, the 7-day Central Bank Bill rate, the short-term liquidity instrument under the Fixed Rate Full Allotment auction has increased by 50 basis points to 2.50 percent with immediate effect (*FRFA 7 week trading Data).
- The September Treasury Bond issuance was held on the 23rd September 2023. Debt issuance were for 2,3,4,6,7,8,9 and 10 years with a total issuance amount of K510.4m. Coupon rates declined on all the papers.
- GIS appropriation for 2023 have been fully issued as of last month. There will be no issuance for the remainder of the year until further notice.

*FRFA 7 week trading data on the following slide.

Table 2.0 – Financial institutions rates and short term government paper rates as at 24th November 2023

| Term 60 0.55% 0.75% 0.50% 60 60 0.50% | & rates (1 90 0.60% 0.90% 0.50% | Current) 180 1.05% 1.15% 1.00% | 365 1.55% 1.25% 1.00% | 30 0.55% 0.50% 0.50% | 60 0.55% 0.75% | rates (Pr 90 0.60% 0.90% | evious) 180 1.05% 1.15% | 365 1.55% | 30 0.00% | 60 0.00% | ge/move 90 0.00% | 180 0.00% | 365 0.00% |
|---|--|--|---|--|---|--|--|--|--|---|--|---|---|
| 0.55% 0.75% 0.50% 60 | 0.60% 0.90% 0.50% | 1.05% 1.15% | 1.55% 1.25% | 0.55% 0.50% | 0.55% 0.75% | 0.60% | 1.05% | 1.55% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| 0.75% 0.50% 60 | 0.90% 0.50% | 1.15% | 1.25% | 0.50% | 0.75% | | | | | | | | |
| 0.50% 60 | 0.50% | | | | | 0.90% | 1 15% | 1 350/ | 0.000/ | 0.000/ | 0.000/ | | |
| 60 | | 1.00% | 1.00% | 0.50% | | | 1.13/0 | 1.25% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| | 90 | | | | 0.50% | 0.50% | 1.00% | 1.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| 0 1 0% | | 180 | 365 | 30 | 60 | 90 | 180 | 365 | 30 | 60 | 90 | 180 | 365 |
| 0.1070 | 0.15% | 0.60% | 1.10% | 0.10% | 0.10% | 0.15% | 0.60% | 1.10% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| 1.15% | 1.50% | 1.95% | 2.35% | 0.85% | 1.15% | 1.50% | 1.95% | 2.35% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| 1.50% | 2.25% | 2.50% | 2.75% | 1.00% | 1.50% | 2.25% | 2.50% | 2.75% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| 1.00% | 1.25% | 1.75% | 2.00% | 0.75% | 1.00% | 1.25% | 1.75% | 2.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| 1.10% | 1.20% | 1.20% | 2.10% | 0.90% | 1.10% | 1.20% | 1.20% | 2.10% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| | 182 | 273 | 364 | | | 182 | 273 | 364 | | | 182 | 273 | 364 |
| | 2.00% | 2.44% | 3.56% | | | 1.80% | 2.38% | 3.54% | 0.00% | 0.00% | 0.20% | 0.06% | 0.02% |
| 14 | 28 | 63 | 91 | 7 | 14 | 28 | 63 | 91 | 7 | 14 | 28 | 63 | 91 |
| 0.00% | 0.00% | 0.00% | 0.00% | 2.50% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| | 5.1.50% 5.1.00% 5.1.10% 5.1.10% 5.1.10% 5.1.10% | 6 1.50% 2.25% 6 1.00% 1.25% 6 1.10% 1.20% 7 1.10% 1.82 2.00% 2.00% 14 28 6 0.00% 0.00% | 1.50% 2.25% 2.50% 1.00% 1.25% 1.75% 1.10% 1.20% 1.20% 1.10% 1.20% 2.73 2.00% 2.44% 14 28 63 0.00% 0.00% 0.00% | 6 1.50% 2.25% 2.50% 2.75% 5 1.00% 1.25% 1.75% 2.00% 6 1.10% 1.20% 1.20% 2.10% 1 1.82 273 364 2.00% 2.44% 3.56% 14 28 63 91 6 0.00% 0.00% 0.00% | a 1.50% 2.25% 2.50% 2.75% 1.00% a 1.00% 1.25% 1.75% 2.00% 0.75% a 1.10% 1.20% 1.20% 2.10% 0.90% a 1.10% 1.20% 2.44% 3.56% 14 28 63 91 7 | 6 1.50% 2.25% 2.50% 2.75% 1.00% 1.50% 5 1.00% 1.25% 1.75% 2.00% 0.75% 1.00% 6 1.10% 1.20% 1.20% 2.10% 0.90% 1.10% 1 1.10% 1.20% 2.10% 0.90% 1.10% 1 1.82 273 364 3.56% 1.4 28 63 91 7 14 0.00% 0.00% 0.00% 0.00% 2.50% 0.00% | 1.50% 2.25% 2.50% 2.75% 1.00% 1.50% 2.25% 1.00% 1.25% 1.75% 2.00% 0.75% 1.00% 1.25% 1.10% 1.20% 1.20% 2.10% 0.90% 1.10% 1.20% 1.10% 1.20% 2.10% 0.90% 1.10% 1.20% 1.10% 1.20% 2.10% 0.90% 1.10% 1.20% 1.10% 1.20% 2.10% 0.90% 1.10% 1.20% 1.10% 1.20% 2.10% 0.90% 1.10% 1.20% 1.10% 1.20% 2.10% 0.90% 1.10% 1.20% 1.10% 1.20% 2.10% 3.56% 1.00% 1.80% 1.4 28 63 91 7 14 28 0.00% 0.00% 0.00% 2.50% 0.00% 0.00% | 1.50% 2.25% 2.50% 2.75% 1.00% 1.50% 2.25% 2.50% 1.00% 1.25% 1.75% 2.00% 0.75% 1.00% 1.25% 1.75% 1.10% 1.20% 1.20% 2.10% 0.90% 1.10% 1.20% 1.20% 1.10% 1.20% 2.10% 0.90% 1.10% 1.20% 1.20% 1.10% 1.20% 2.10% 0.90% 1.10% 1.20% 1.20% 1.10% 1.20% 2.10% 0.90% 1.10% 1.20% 1.20% 1.10% 1.20% 2.10% 0.90% 1.10% 1.20% 1.20% 1.10% 1.20% 2.44% 3.56% 1.80% 2.38% 1.14 28 63 91 7 14 28 63 0.00% 0.00% 0.00% 2.50% 0.00% 0.00% 0.00% | 6 1.50% 2.25% 2.50% 2.75% 1.00% 1.50% 2.25% 2.50% 2.75% 5 1.00% 1.25% 1.75% 2.00% 0.75% 1.00% 1.25% 1.75% 2.00% 6 1.10% 1.20% 1.20% 2.10% 0.90% 1.10% 1.20% 1.20% 2.10% 1 1.10% 1.20% 2.10% 0.90% 1.10% 1.20% 1.20% 2.10% 1 1.82 273 364 3.56% 1.80% 2.38% 3.54% 1 14 28 63 91 7 14 28 63 91 5 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% | 6 1.50% 2.25% 2.50% 2.75% 1.00% 1.50% 2.25% 2.50% 2.75% 0.00% 5 1.00% 1.25% 1.75% 2.00% 0.75% 1.00% 1.25% 1.75% 2.00% 0.00% 6 1.10% 1.20% 1.20% 2.10% 0.90% 1.10% 1.20% 1.20% 2.10% 0.00% 6 1.10% 1.20% 2.44% 3.56% 1.80% 2.38% 3.54% 0.00% 14 28 63 91 7 14 28 63 91 7 6 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% | 6 1.50% 2.25% 2.50% 2.75% 1.00% 1.50% 2.25% 2.50% 2.75% 0.00% 0.00% 5 1.00% 1.25% 1.75% 2.00% 0.75% 1.00% 1.25% 1.75% 2.00% 0.00% 0.00% 6 1.10% 1.20% 1.20% 2.10% 0.90% 1.10% 1.20% 1.20% 2.10% 0.00% 0.00% 1 1.10% 1.20% 1.20% 2.44% 3.56% 1.80% 2.38% 3.54% 0.00% 0.00% 14 28 63 91 7 14 28 63 91 7 14 5 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% | 6 1.50% 2.25% 2.50% 2.75% 1.00% 1.50% 2.25% 2.50% 2.75% 0.00% 0.0 | 6 1.50% 2.25% 2.50% 2.75% 1.00% 1.50% 2.25% 2.50% 2.75% 0.00% 0.0 |

Table 3.0 – Long dated government paper rates – last auction results in September 2023

| Issuer | | | | - | Term & rat | es (Curren | t) | | | |
|----------------------|------------------------|-------|---------|----------------|-------------|--------------|--------|--------|--------|--------|
| Term (years) | | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Treasury bonds (GIS) | Coupon | 4.40% | 4.45% | 4.60% | 0.00% | 5.10% | 5.40% | 5.50% | 5.70% | 5.76% |
| | Weighted Average Rates | 3.93% | 4.16% | 4.49% | 0.00% | 4.99% | 5.27% | 5.42% | 5.56% | 5.74% |
| | | | Auction | n results fror | m 23/09/23 | | | | | |
| Issuer | | | | | Term & rate | es (Previous |) | | | |
| Term (years) | | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Treasury bonds (GIS) | Coupon | 4.40% | 4.50% | 4.70% | 0.00% | 5.20% | 5.50% | 5.60% | 5.80% | 6.00% |
| | Weighted Average Rates | 0.00% | 4.19% | 4.35% | 0.00% | 4.98% | 5.27% | 5.43% | 5.61% | 5.76% |
| | | | Auction | n results fror | n 23/08/23 | | | | | |
| | | | | | Change/r | novement | | | | |
| Term (years) | | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Treasury bonds (GIS) | Coupon | 0.00% | -0.05% | -0.10% | 0.00% | -0.10% | -0.10% | -0.10% | -0.10% | -0.24% |
| | Weighted Average Rates | 3.93% | -0.03% | 0.14% | 0.00% | 0.01% | 0.00% | -0.01% | -0.05% | -0.02% |

BSP Classification: Public

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FRFA was initially offered in August this year at 2.00%, has increase by 50bps in November to 2.5 whilst KFR reduced by 50 basis point from 3.00% to 2.50%.

Table 4.0 – Volume of FRFA traded in 7 weeks

| Date: 24/11/2023 | Rates (%) | Bids Received |
|----------------------------|-----------|---------------|
| Central Bank | 7 Days | K'000 |
| Central Bank bills (W.A.R) | 2.50% | 2,259.90 |
| Date: 17/11/2023 | | |
| Central Bank | | |
| Central Bank bills (W.A.R) | 2.50% | 2,498.90 |
| Date: 10/11/2023 | | |
| Central Bank | 7 | |
| Central Bank bills (W.A.R) | 2.50% | 1,690.00 |
| Date: 3/11/2023 | | |
| Central Bank | 7 | |
| Central Bank bills (W.A.R) | 2.00% | 1,464,500.00 |
| Date: 27/10/2023 | | |
| Central Bank | 7 | |
| Central Bank bills (W.A.R) | 2.00% | 1,607,500.00 |
| Date: 20/10/2023 | | |
| Central Bank | 7 | |
| Central Bank bills (W.A.R) | 2.00% | 1,685.50 |
| Date: 13/10/2023 | | |
| Central Bank | 7 | |
| Central Bank bills (W.A.R) | 2.00% | 1,638.30 |
| Traded in 7 days K'000 | | 3,079,512.70 |



LHS Volume Traded K'm —— RHS Rate

Graph 2.0-FRFA Volume

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• The T-bill Tap and T-bond Tap papers remain temporarily closed until further notice.

| Issuer | | Terr | n & rates (Curi | rent) | |
|-----------------------|----|------------|------------------------|--------------|-----|
| Term (years) | 2 | 4 | 8 | 10 | |
| BPNG TBOND TAP | | CLOSED | UNTIL FURTHE | R NOTICE | |
| | | | | | |
| lssuer | | Tern | n & rates (Prev | ious) | |
| lssuer Term (Days) | 63 | Tern 91 | n & rates (Prev 182 | ious) 273 | 364 |
| | 63 | 91 | | 273 | 364 |

¹ https://www.bankpng.gov.pg/wp-content/uploads/2018/06/BPNG-TAP-FACILITY-TBILL-TBOND.pdf



BSP Capital Limited Money market insight



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For more information on your bidding strategy, please contact the team on phone 309 8501 or email <u>bcapenquiries@bsp.com.pg</u>

Richard P La'a Acting General Manager, BSP Capital Ph: +675 309 8513 Email: <u>RLa'a@bsp.com.pg</u>

Phoebe Endose Senior Portfolio Analyst Ph: +675 309 8505 Email: <u>pendose@bsp.com.pg</u>

Michelle Koredong

Investment Analyst – Money markets Ph: +675 309 8507 Email: mkoredong@bsp.com.pg Marie Sourimant Senior Portfolio Analyst Ph: +675 309 8530 Email: msourimant@bsp.com.pg

Abigail Pepson Senior Portfolio Analyst Ph: +675 305 6149 Email: <u>apepson2@bsp.com.pg</u>

Darren Terupo Investment Analyst Ph: +675 309 8531

Email: <u>dterupo@bsp.com.pg</u>

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