

Weak Momentum Continues

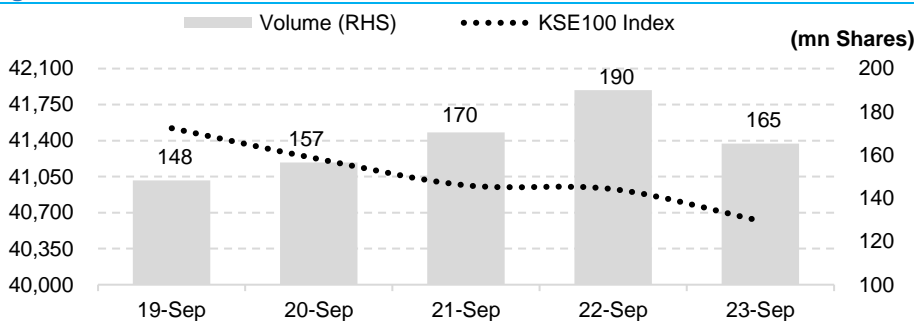
The market opened on positive note this week given Saudi Fund of USD 3bn was rolled over till next year while IMF assured support for flood relief and reconstruction. However, the momentum could not sustain owed to bleeding SBP foreign reserves (falling by USD 278mn WoW), which led the Pak Rupee to further depreciate against greenback (closing at 239.65 towards end of the week). In addition to this, the FDI during 2MFY23 plummeted by 26% YoY. Furthermore, the LSM output reported a 1.4% YoY| 16.5% MoM fall in Jul'22. Meanwhile, the investors opted for value buying amid the expectation of receiving USD 1.5bn, USD 0.5bn and USD 0.2bn from ADB, Asian Infrastructure Investment Bank, and the Japanese Government, respectively. Moreover, the World Bank is also expected to give flood-related support of USD 1.7bn. Alongside this, the current account reduced by 54% YoY in Aug'22, which further cushioned the overall decline in the index during the week. The market closed at 40,620 points, shedding 1,059points (down by 2.5%) WoW.

Sector-wise negative contributions came from i) E&P (251pts), ii) Banks (246pts), iii) Cement (123pts), iv) Power (74pts) and v) OMCs (73pts). Whereas, sectors which contributed positively were i) Tobacco (15pts), and Automobile Parts (2pts). Scrip-wise negative contributors were PPL (117pts), OGDC (84pts), LUCK (83pts), MEBL (66pts) and HMB (51pts). Meanwhile, scrip-wise positive contribution came from TRG (21pts), PAKT (15pts), UNITY (8pts), FFC (6pts) and IBFL (4pts).

Foreigners buying continued this week, clocking in at USD 5.09mn compared to a net buy of USD 13.8mn last week. Major buying was witnessed in Technology (USD 6.6mn), E&P (USD 0.5mn), Cement (USD 0.5mn) and OMCs (USD 0.3mn). On the local front, selling was reported by Insurance (USD 3.3mn) followed by Mutual Funds (USD 2.4mn). Average volumes clocked in at 166mn shares (down by 9% WoW) while average value traded settled at USD 26mn (down by 13% WoW).

Other major news: i) Javedan Corp to list Globe Residency REIT, ii) Govt to give subsidised seeds, fertilisers to flood-hit farmers, iii) Petrol price raised by Rs1.45 per litre, iv) Auto financing falls 2.2pc MoM to Rs353 billion in Aug'22.

Figure: KSE100 Index and PSX Volume



Source (s): PSX, AHL Research

Outlook and Recommendation

We expect market returns to turn positive as Pakistan is fully compliant on FATF's action plan and an announcement of status is expected in the upcoming week. Moreover, financial aid for flood relief from international financial institutions and friendly countries is expected soon, which should curtail the free fall in PKR. Our preferred stocks are OGDC, PPL, MARI, MCB, FABL, MEBL, BAFL, LUCK, MLCF, FCCL, ENGRO, FFC, HUBC, PSO, HUMNL and SNGP. The KSE-100 is currently trading at a PER of 4.1x (2023) compared to Asia Pac regional average of 12.5x while offering a dividend yield of ~9.8% versus ~2.8% offered by the region.

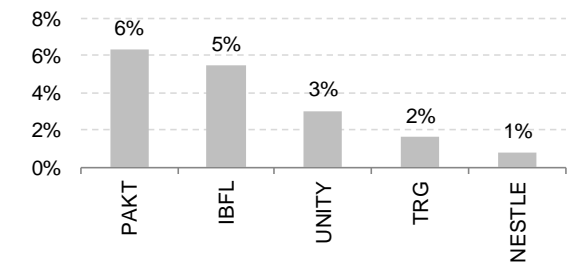
PSX Indices Performance

Index	Current	WoW (%)	CY22TD (%)
KSE100	40,620	(2.5)	(8.9)
KSEAll	27,831	(2.2)	(9.4)
KSE30	15,213	(2.8)	(13.1)
KMI30	66,324	(3.3)	(7.5)
BKTI	10,256	(2.7)	(20.5)
OGTI	9,969	(6.1)	(13.1)

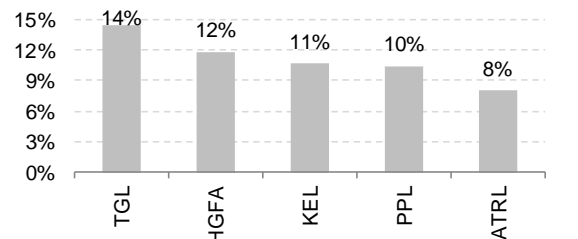
PSX Volume Leaders

	Avg. Vol. (mn)	Closing
TRG	18.4	118.1
KEL	17.7	2.9
HASCOL	11.6	6.4
TPLP	10.2	19.4
CENERGY	9.4	4.8

Major Gainers (KSE100 Index)



Major Losers (KSE100 Index)



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Business & Economic developments during the week.

ADB forecasts economy to slow down to 3.5pc (BR)

Pakistan's economy is forecast to slow to 3.5 percent in the fiscal year 2023 (ending 30 June 2023) from 4.5 percent (projected in April 2022) amid devastating floods, policy tightening, and critical efforts to tackle sizable fiscal and external imbalances. The forecast for headline inflation revised up to 18.0 percent from the earlier 8.5 percent projection due to a potentially strong second-round impact from the rupee's depreciation and fuel and energy price adjustments, says the Asian Development Bank (ADB). The Bank in its latest report "Asian Development Outlook (ADO) 2022 Update", stated that the economic outlook will also depend on the continued availability of adequate external financing under challenging domestic and global economic and political conditions.

Delay in exchange rate differential payments perils oil supply: OCAC (The News)

The government's foot-dragging on passing on the exchange rate differential to the oil industry is threatening the supply of petroleum products across the country, The News has learnt. Oil Companies Advisory Council (OCAC) in a communication of the Minister of Finance on Thursday pointed out that the exchange rate differential, which is part of the pricing, had not been passed on to the industry since August 16, 2022. In order to maintain lower prices, Oil & Gas Regulatory Authority (OGRA) has staggered the recovery of exchange losses incurred by the industry during this period of high fluctuation in exchange rates. "This delay has added to the financial woes of the industry and is compromising the industry's capacity to manage supplies across the country," the OCAC stated.

PM forms body on Chinese IPPs, other matters (BR)

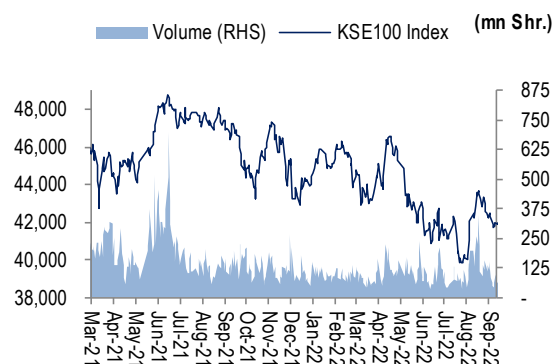
Prime Minister Shehbaz Sharif has constituted a Standing Committee on payments to Chinese Independent Power Producers (IPPs), as well as other issues related to different ministries, well informed sources told Business Recorder. The receivables stock of Chinese IPPs is over Rs 300 billion due to which they are unable to import coal and meet other payment obligations. On instructions of the prime minister, a meeting was convened by the finance minister with the Chinese IPPs on September 9 to work out a payment schedule of the outstanding dues. Minister Power, Minister Planning, SAPM Syed Tariq Fatemi, SAPM Zafaruddin Mahmood, and secretary Power, special secretary Finance and concerned officials attended.

Govt raises Rs1.4tr through T-bills (Dawn)

The government on Wednesday raised Rs1,399 billion through the auction of treasury bills on Wednesday at a higher unified cut-off yield of 15.99 per cent. Banks and investors offered bids of Rs2,479bn against the target of Rs1,500bn reflecting a strong appetite for high-yielding domestic bonds. It also suggested that banks were more inclined to park their liquidity in risk-free government papers rather than extending loans to the private sector. The cut-off yield for 6-month T-bills was increased by 15 basis points while the rate for the 12-month paper was jacked up by 1bps to 15.99pc, respectively. The rate on 3-month T-bills was kept unchanged.

KE seeks Rs4.21/unit cut on account of FCA (Tribune)

K-Electric (KE) consumers are likely to get some relief as the company seeks reduction of Rs4.211/unit in tariffs on account of Fuel Charges Adjustment (FCA) for the month of August. In a petition submitted to the National Electric Power Regulatory Authority (Nepra), KE sought allowance to reduce the power tariff by Rs4.211/unit on account of a monthly FCA for August. Nepra announced that it will hold a public hearing on September 29 of the tariff petition filed by KE. The negative FCA at the rate of Rs4.211/unit requested by KE will provide relief of Rs7.217bn to KE consumers. Issues framed by the regulator for discussion in the hearing include, whether the requested fuel price variation is justified, and whether KE has followed the merit in order while giving dispatch to its plants as well as power purchases from external sources.



Top Contributors in KSE100 Index

Companies	Index Contribution
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Bullish Companies

TRG	20.7
PAKT	15.2
UNITY	7.8
FFC	6.5
IBFL	4.4
	54.5

Bearish Companies

PPL	(117.2)
OGDC	(84.3)
LUCK	(83.3)
MEBL	(65.9)
POL	(51.2)
	(401.9)

Sectors

Index Contribution

Bullish Sectors

Tobacco	15.2
Automobile Parts & Accessories	2.1
Modarabas	0.2
Jute	0.0
	17.5

Bearish Sectors

Oil & Gas Exploration Companies	(250.8)
Commercial Banks	(246.5)
Cement	(123.1)
Power Generation & Distribution	(73.8)
Oil & Gas Marketing Companies	(72.9)
	(767.1)



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AHL Universe - Performance

Code	Closing	WoW (%)	MTD (%)	CYTD (%)	90-Days		180-Days		365-Days	
					High	Low	High	Low	High	Low
UNITY	21.80	3.02	(7.82)	(17.64)	23.65	16.72	28.25	16.72	33.00	16.72
AHCL	35.00	1.01	-	(2.32)	37.00	32.65	40.05	32.65	40.05	32.19
PSMC	176.96	0.72	(4.08)	(21.88)	211.21	158.86	220.49	158.86	260.13	158.86
HCAR	175.22	0.41	(1.22)	(22.92)	194.73	151.47	201.49	151.47	256.32	151.47
FFC	100.53	0.36	(3.34)	10.22	111.63	100.06	120.53	100.06	120.53	84.30
NPL	21.85	0.28	6.07	21.35	27.90	19.01	27.90	16.29	27.90	15.46
ICI	670.00	0.23	(7.07)	(7.59)	752.17	668.43	810.27	664.10	810.27	664.10
ENGRO	229.91	0.21	(3.55)	(7.73)	248.35	222.27	271.96	222.27	271.96	222.27
MARI	1,611.45	0.16	(0.87)	4.91	1,724.77	1,608.85	1,724.77	1,527.94	1,733.59	1,367.27
MTL	832.69	0.11	(0.18)	45.66	904.79	808.57	910.70	671.88	910.70	566.20
FCCL	15.00	-	(0.13)	(18.35)	15.64	12.73	18.59	12.73	21.49	12.73
MCB	117.03	(0.80)	(2.82)	(15.72)	128.10	114.53	143.78	114.53	148.79	114.53
DGKC	58.69	(1.03)	(2.36)	(29.24)	64.90	52.48	76.05	52.48	95.83	52.48
ILP	63.05	(1.33)	(0.61)	(10.94)	67.71	59.07	74.17	59.07	80.32	59.07
AKBL	18.00	(1.37)	(0.94)	(18.26)	19.25	16.54	20.24	16.54	24.61	16.54
FATIMA	37.51	(1.52)	1.52	13.65	38.87	35.00	41.29	35.00	41.29	26.14
ABL	63.50	(1.60)	(3.95)	(16.66)	68.17	61.75	82.41	61.75	84.68	61.36
INDU	951.60	(1.82)	(2.55)	(18.96)	1,156.15	948.22	1,348.91	948.22	1,408.28	948.22
ASTL	26.21	(1.84)	(7.81)	(41.44)	30.86	21.93	33.02	21.93	48.54	21.93
BOP	5.38	(2.00)	(6.76)	(28.54)	6.07	5.14	7.38	5.14	7.92	5.14
HUBC	64.38	(2.01)	(2.78)	(1.98)	71.51	63.64	72.96	63.03	76.76	63.03
FFBL	19.59	(2.34)	(4.90)	(20.94)	21.68	19.56	24.93	19.56	27.34	19.56
HLB	80.94	(2.66)	(10.72)	(26.42)	96.95	80.94	112.04	80.94	120.72	80.94
SGF	36.86	(2.80)	(5.98)	(11.92)	40.69	35.74	46.55	35.74	48.80	35.74
APL	276.03	(2.87)	(4.45)	24.21	293.66	234.51	293.66	216.67	293.66	204.43
MLCF	27.19	(2.89)	(5.00)	(24.37)	29.36	23.22	38.44	23.22	40.01	23.22
EFERT	77.94	(3.10)	(7.31)	14.73	90.71	77.29	95.51	77.29	95.51	58.67
HTL	40.02	(3.10)	(0.25)	(4.13)	43.74	35.71	47.27	35.71	58.18	35.71
UBL	114.08	(3.20)	(2.25)	(6.71)	120.86	104.48	134.32	104.48	134.32	101.94
NBP	26.14	(3.22)	(9.08)	(24.28)	33.44	25.90	33.44	25.90	37.01	25.90
NML	66.74	(3.58)	(8.40)	(16.13)	80.45	66.30	90.59	66.30	96.77	66.30
PTL	29.62	(3.61)	(7.47)	(29.07)	34.69	29.37	34.69	24.62	53.56	24.62
KOHC	151.66	(3.67)	2.40	(19.59)	166.75	118.99	174.82	118.99	201.72	118.99
POL	348.47	(4.21)	(5.53)	16.52	376.71	329.35	376.71	322.66	376.71	279.96
KAPCO	30.07	(4.39)	(0.79)	4.85	32.81	26.53	32.81	26.24	32.81	23.61
ACPL	77.50	(4.62)	(10.68)	(43.36)	92.00	66.50	126.52	66.50	145.80	66.50
FABL	26.10	(4.64)	(0.34)	20.21	27.89	21.58	27.89	20.04	27.89	20.04
PSO	160.17	(4.71)	(5.95)	(11.94)	192.82	160.17	192.82	155.63	196.85	155.63
MEBL	112.72	(4.81)	(7.15)	(4.05)	125.71	99.68	130.17	99.68	134.54	99.68
POWER	4.75	(4.81)	(7.05)	(25.31)	5.59	4.75	6.62	4.75	7.83	4.75
FML	63.16	(5.17)	(5.73)	(11.81)	74.64	61.42	74.64	59.85	99.21	59.85
LUCK	479.65	(5.61)	(7.17)	(29.39)	523.37	411.93	643.64	411.93	790.31	411.93
NCL	34.05	(5.68)	(8.62)	(20.73)	49.19	34.05	55.46	34.05	55.46	34.05
NCPL	13.15	(5.73)	(9.37)	34.91	16.40	9.03	16.40	8.71	16.40	7.15
LOTCEM	27.73	(5.78)	(4.58)	129.09	32.13	20.93	32.13	12.81	32.13	10.66
ITTEFAQ	7.15	(5.92)	(5.42)	(40.27)	8.60	6.53	10.77	6.53	15.96	6.53
SNGP	31.08	(6.44)	(8.26)	7.71	35.71	28.60	35.71	22.32	39.47	22.32
OGDC	73.33	(6.47)	(10.79)	(11.99)	87.46	72.50	87.46	72.50	91.81	72.50
AGHA	14.11	(6.62)	(13.59)	(46.08)	16.53	13.48	20.14	13.48	32.48	13.48
EPCL	54.40	(7.15)	(12.64)	20.69	79.43	54.40	85.77	54.40	85.77	42.40
PPL	58.27	(10.46)	(15.96)	(24.91)	74.31	58.27	79.00	58.27	85.92	58.27
HUMNL	6.31	(10.88)	(8.42)	2.05	7.35	6.31	8.15	6.13	8.15	5.18

Source (s): Bloomberg, AHL Research

Local & Foreign Investors Portfolio Investment (USD mn)

LIPI Normal

Current Week

Category	Gross Buy	Gross Sell	Net	Net
Individuals	133.26	131.74	BUY	1.52
Companies	5.67	7.79	SELL	(2.12)
Banks / DFIs	7.98	6.53	BUY	1.45
NBFC	0.05	0.15	SELL	(0.10)
Mutual Funds	6.57	8.98	SELL	(2.42)
Other Organizations	1.13	0.95	BUY	0.18
Broker Proprietary Trading	37.09	37.36	SELL	(0.27)
Insurance Companies	1.35	4.67	SELL	(3.32)
Total	193.09	198.17	SELL	-5.09

Last Week

Category	Gross Buy	Gross Sell	Net	Net
Individuals	133.06	134.83	SELL	(1.77)
Companies	5.51	5.52	SELL	(0.01)
Banks / DFIs	10.16	8.87	BUY	1.29
NBFC	0.07	0.23	SELL	(0.16)
Mutual Funds	10.14	13.75	SELL	(3.61)
Other Organizations	1.67	0.90	BUY	0.77
Broker Proprietary Trading	34.59	36.32	SELL	(1.73)
Insurance Companies	1.15	9.69	SELL	(8.54)
Total	196.35	210.11	SELL	-13.76

LIPI Sector Wise

Current Week

Sector	Gross Buy	Gross Sell	Net	Net
Commercial Banks	6.67	6.72	SELL	(0.06)
Fertilizer	6.79	4.58	BUY	2.21
Cement	13.11	13.58	SELL	(0.47)
Power Generation & Distribution	5.28	5.22	BUY	0.05
Exploration & Production	10.97	11.46	SELL	(0.49)
Oil & Gas Marketing Companies	7.75	8.00	SELL	(0.26)
Food and Personal Care Products	3.62	3.50	BUY	0.12
Textile Composite	2.19	2.33	SELL	(0.13)
Technology and Communication	97.46	104.02	SELL	(6.56)
Debt	0.00	0.00	SELL	-
All other Sectors	39.24	38.75	BUY	0.49
Total	193.09	198.17	SELL	(5.09)

Last Week

Sector	Gross Buy	Gross Sell	Net	Net
Commercial Banks	9.34	10.06	SELL	(0.72)
Fertilizer	6.21	4.86	BUY	1.34
Cement	16.92	17.09	SELL	(0.16)
Power Generation & Distribution	11.47	11.29	BUY	0.18
Exploration & Production	5.75	6.07	SELL	(0.32)
Oil & Gas Marketing Companies	6.93	7.05	SELL	(0.12)
Food and Personal Care Products	3.98	3.82	BUY	0.15
Textile Composite	3.51	3.59	SELL	(0.08)
Technology and Communication	92.22	103.22	SELL	(10.99)
Debt	-	-	SELL	-
All other Sectors	40.01	43.06	SELL	(3.05)
Total	196.35	210.11	SELL	(13.76)

FIPI Normal

Current Week

Category	Gross Buy	Gross Sell	Net	Net
Foreign Individuals	6.92	0.01	BUY	6.92
Foreign Corporates	1.22	4.29	SELL	(3.07)
Overseas Pakistani	8.38	7.14	BUY	1.24
Total	16.52	11.44	BUY	5.09

Last Week

Category	Gross Buy	Gross Sell	Net	Net
Foreign Individuals	14.15	2.37	BUY	11.79
Foreign Corporates	3.85	3.84	BUY	0.00
Overseas Pakistani	10.92	8.95	BUY	1.97
Total	28.92	15.16	BUY	13.76

FIPI Sector Wise

Current Week

Sector	Gross Buy	Gross Sell	Net	Net
Commercial Banks	0.63	0.57	BUY	0.06
Fertilizer	0.32	2.53	SELL	(2.21)
Cement	0.94	0.47	BUY	0.47
Power Generation & Distribution	0.29	0.34	SELL	(0.05)
Exploration & Production	0.80	0.31	BUY	0.49
Oil & Gas Marketing Companies	0.55	0.30	BUY	0.26
Food and Personal Care Products	0.25	0.38	SELL	(0.12)
Textile Composite	0.22	0.08	BUY	0.13
Technology and Communication	9.94	3.38	BUY	6.56
All other Sectors	2.59	3.08	SELL	(0.49)
Total	16.52	11.44	BUY	5.09

Last Week

Sector	Gross Buy	Gross Sell	Net	Net
Commercial Banks	2.17	1.45	BUY	0.72
Fertilizer	0.28	1.62	SELL	(1.34)
Cement	1.28	1.12	BUY	0.16
Power Generation & Distribution	0.53	0.71	SELL	(0.18)
Exploration & Production	0.67	0.35	BUY	0.32
Oil & Gas Marketing Companies	0.54	0.42	BUY	0.12
Food and Personal Care Products	0.31	0.47	SELL	(0.15)
Textile Composite	0.34	0.26	BUY	0.08
Technology and Communication	17.79	6.79	BUY	10.99
All other Sectors	5.02	1.97	BUY	3.05
Total	28.92	15.16	BUY	13.76

Source (s): NCCPL, AHL Research

Forward Estimates

Country	Indonesia	India	Vietnam	Philippines	Sri Lanka	Thailand	China	Taiwan	S.Korea	Peer Avg	Pakistan	Prem/(Disc)
DY (%)	2.8	1.6	1.8	2.2	3.2	3.0	3.2	4.8	2.4	2.8	9.8	-71.5%
P/E (x)	15.6	18.4	9.5	13.0	12.0	14.9	9.6	10.6	9.2	12.5	4.1	-67.5%
P/B (x)	1.9	2.9	1.6	1.4	8.7	1.6	1.2	1.7	0.8	2.4	0.6	-73.2%

Source: Bloomberg, AHL Research

World's Major Stock Market Performance (\$ based return)

Country	Index	Index Closing*	WTD (%)	MTD (%)	CY22TD (%)	Country	Index	Index Closing*	WTD (%)	MTD (%)	CY22TD (%)
Brazil	IBOV Index	114,070	7.0	4.8	17.3	Australia	AS51 Index	6,575	(4.2)	(9.8)	(20.2)
Kenya	NSEASI Index	135	1.8	(2.2)	(24.0)	New Zealand	NZSE Index	1,795	(4.4)	(7.9)	(28.0)
Mauritius	SEMDEX Index	2,088	1.7	(0.2)	(2.2)	Qatar	DSM Index	12,644	(4.4)	(5.7)	8.6
Zimbabwe	ZHIALLSH Index	10,528	1.5	(23.2)	(0.7)	Hong Kong	HSI Index	17,933	(4.4)	(10.1)	(23.9)
Argentina	MERVAL Index	149,481	1.4	4.8	26.7	Bulgaria	SOFIX Index	591	(4.5)	(6.4)	(19.9)
Bangladesh	DSEX Index	6,564	0.8	(6.2)	(19.2)	Mongolia	MSETOP Index	34,252	(4.7)	(4.8)	(33.0)
Ukraine	PFTS Index	519	(0.1)	0.0	(26.3)	Poland	WIG20 Index	1,477	(4.8)	(6.8)	(45.8)
Oman	MSM30 Index	4,473	(0.1)	(2.5)	8.3	Latvia	RIGSE Index	1,086	(5.2)	(3.2)	(26.6)
Jordan	JOSMGNFF Index	2,497	(0.3)	(2.0)	17.6	South Africa	JALSH Index	63,408	(5.6)	(9.5)	(23.1)
Mexico	MEXBOL Index	46,325	(0.4)	4.0	(10.8)	Hungary	BUX Index	38,881	(5.9)	(11.2)	(40.1)
Indonesia	JCI Index	7,179	(0.5)	(1.5)	3.3	South Korea	KOSPI Index	2,290	(6.0)	(12.2)	(35.3)
Bahrain	BHSEASI Index	1,928	(0.6)	0.5	7.3	UK	UKX Index	7,009	(6.0)	(8.4)	(22.4)
Tunisia	TUSISE Index	8,213	(0.6)	(1.3)	2.2	Switzerland	SMI Index	10,126	(6.1)	(7.2)	(26.7)
Sri Lanka	CSEALL Index	9,965	(0.7)	9.6	(54.6)	Netherland	AEX Index	640	(6.1)	(8.7)	(31.2)
Nigeria	NGSEINDX Index	49,125	(0.8)	(3.0)	11.9	Norway	OBXP Index	531	(6.3)	(14.3)	(20.9)
Japan	NKY Index	27,154	(1.0)	(5.8)	(23.7)	Finland	HEX Index	9,941	(6.5)	(9.7)	(33.4)
Ghana	GGSECI Index	2,499	(1.3)	(1.9)	(45.9)	Germany	DAX Index	12,218	(6.5)	(7.7)	(33.7)
Thailand	SET Index	1,632	(1.7)	(3.1)	(12.6)	Philippines	PCOMP Index	6,260	(6.6)	(8.9)	(23.5)
Uae	ADSMI Index	10,026	(1.7)	1.5	18.1	Estonia	TALSE Index	1,711	(6.6)	(8.3)	(26.3)
Egypt	EGX30 Index	9,933	(1.8)	(2.0)	(33.0)	Italy	FTSEMIB Index	21,121	(6.9)	(5.0)	(33.4)
Lebanon	BLOM Index	1,346	(2.0)	3.6	30.8	Europe	SX5E Index	3,341	(7.0)	(7.9)	(33.4)
Kazakhstan	KZKAK Index	3,117	(2.1)	(2.9)	(23.5)	Greece	ASE Index	798	(7.1)	(9.7)	(23.5)
Dubai	DFMGI Index	3,409	(2.3)	(1.0)	6.7	Denmark	KFX Index	1,512	(7.2)	(13.2)	(30.1)
USA	INDU Index	30,077	(2.4)	(4.6)	(17.2)	France	CAC Index	5,788	(7.2)	(8.3)	(30.7)
Singapore	FSSTI Index	3,227	(2.4)	(1.8)	(2.3)	Czech Republic	PX Index	1,167	(7.2)	(4.1)	(28.9)
Vietnam	VNIndex Index	1,203	(2.7)	(7.0)	(22.7)	Chile	IPSA Index	5,303	(7.3)	(8.7)	9.6
Serbia	BELEX15 Index	844	(2.9)	(3.4)	(11.2)	Ireland	ISEQ Index	6,446	(7.4)	(10.4)	(34.6)
India	SENSEX Index	58,099	(2.9)	(4.1)	(8.3)	Sweden	OMX Index	1,813	(7.4)	(10.3)	(39.5)
USA	SPX Index	3,758	(3.0)	(5.0)	(21.2)	Belgium	BEL20 Index	3,411	(7.5)	(7.7)	(32.2)
USA	NDX Index	11,502	(3.0)	(6.3)	(29.5)	Slovenia	SBITOP Index	1,022	(7.5)	(12.2)	(30.0)
Croatia	CRO Index	1,972	(3.2)	(4.5)	(18.3)	Spain	IBEX Index	7,558	(7.8)	(7.0)	(25.2)
Turkey	XU100 Index	3,295	(3.2)	2.8	27.5	Portugal	PSI20 Index	5,488	(8.5)	(11.2)	(15.6)
Saudi Arabia	SASEIDX Index	11,461	(3.2)	(6.8)	1.4	Luxembourg	LUXXX Index	1,285	(8.5)	(12.1)	(33.8)
Canada	SPTSX Index	19,003	(3.5)	(4.5)	(16.0)	Austria	ATX Index	2,735	(8.6)	(8.5)	(39.0)
Pakistan	KSE100 Index	40,620	(3.7)	(12.5)	(32.9)	Russia	RTSI\$ Index	1,161	(9.0)	(7.8)	(27.3)
China	SHSZ300 Index	3,856	(3.8)	(8.5)	(30.3)	Iceland	ICEXI Index	2,190	(9.0)	(8.5)	(24.6)
Malaysia	FBMKLCI Index	1,425	(3.8)	(7.7)	(17.4)	Romania	BET Index	10,998	(9.2)	(13.3)	(27.3)
Lithuania	VILSE Index	899	(3.9)	(4.9)	(19.8)	Russia	IMOEX Index	2,092	(9.4)	(7.8)	(28.5)
Taiwan	TWSE Index	14,118	(4.2)	(10.4)	(32.4)						

Source (s): Bloomberg, AHL Research, * Last Closing

Key Economic Data & Commodities Prices

Month end	Units	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Current*
Money Market Data														
03-M T-Bill	%	7.6	8.2	9.7	10.4	10.2	10.5	11.8	14.5	14.3	15.0	15.5	15.8	15.9
06-M T-Bill	%	8.0	8.8	10.2	11.3	10.6	10.9	12.4	14.6	14.5	15.2	15.7	15.8	15.9
12-M T-Bill	%	8.7	9.1	10.7	11.4	10.8	11.0	12.5	14.6	14.6	15.3	15.8	15.9	16.0
03-Y PIB	%	9.7	9.9	11.4	11.4	10.8	10.9	12.2	13.2	13.6	13.5	13.4	13.7	13.9
05-Y PIB	%	10.0	10.2	11.5	11.5	10.9	11.0	12.0	12.9	12.6	12.9	13.4	13.0	13.4
10-Y PIB	%	7.6	8.2	9.7	10.4	10.2	10.5	11.8	14.5	14.3	15.0	15.5	15.8	15.9
06-M KIBOR	%	8.2	8.9	10.3	11.5	10.7	11.0	12.5	15.0	14.7	15.4	15.8	16.0	16.1
Policy Rate	%	7.25	7.25	8.75	9.75	9.75	9.75	9.75	12.25	13.75	13.75	15.00	15.00	15.00
Inflation (YoY)														
Headline (CPI New Base)	%	9.0	9.2	11.5	12.3	13.0	13.0	12.7	13.4	13.8	21.3	24.9	27.3	27.3
Monetary Sector														
M1	PKR bn	20,085	19,902	20,128	20,444	20,204	20,210	20,683	21,179	21,448	22,141	22,256	n.a	22,256
M2	PKR bn	23,904	23,646	23,933	24,369	24,211	24,176	24,727	25,155	25,634	26,768	26,799	n.a	26,799
M3	PKR bn	27,840	27,576	27,854	28,273	28,122	28,097	28,648	28,927	29,346	30,417	30,372	n.a	30,372
Banking Sector														
Deposits	PKR bn	19,829	19,344	19,668	20,972	19,949	19,914	20,476	20,052	21,151	22,810	22,101	22,152	22,152
Advances	PKR bn	9,290	9,394	9,646	10,149	9,944	9,961	10,328	10,638	10,822	10,886	10,858	10,922	10,922
Investment	PKR bn	14,096	13,796	13,556	14,124	14,424	14,541	15,012	15,210	15,556	17,419	17,608	18,183	18,183
WALR	%	7.7	7.9	8.0	8.7	9.34	9.6	9.6	10.26	10.78	11.4	12.8	n.a	12.8
WADR	%	3.6	3.7	3.8	4.6	5.08	5.0	4.9	5.24	6.18	7.0	7.1	n.a	7.1
Spread	%	4.1	4.2	4.2	4.1	4.26	4.6	4.7	5.02	4.6	4.4	5.8	n.a	5.8
External Sector														
Forex Reserves	USD bn	26.0	23.8	22.3	23.9	22.1	22.9	18.6	16.4	15.8	16.2	14.0	13.4	14.3
With SBP	USD bn	19.3	17.2	16.0	17.7	15.7	16.5	12.0	10.5	9.7	10.3	8.4	7.7	8.3
With Banks	USD bn	6.7	6.6	6.4	6.2	6.4	6.4	6.5	5.9	6.0	5.9	5.6	5.7	5.7
Exchange rate	PKR/USD	170.7	171.7	175.7	176.5	176.7	177.5	183.5	185.9	198.5	204.8	239.4	218.8	239.65
C/A Balance	USD mn	(1,134)	(1,760)	(1,908)	(1,863)	(2,531)	(519)	(1,028)	(623)	(1,425)	(2,187)	(1,215)	(703)	(703)
Exports	USD bn	2.6	2.4	2.7	2.9	2.5	2.9	3.1	3.2	2.5	3.1	2.3	2.8	2.8
Imports	USD bn	6.1	6.0	6.4	6.5	6.3	5.2	6.2	6.0	5.7	7.0	5.3	5.8	5.8
Trade Balance	USD bn	(3.4)	(3.7)	(3.7)	(3.6)	(3.8)	(2.3)	(3.1)	(2.8)	(3.2)	(3.9)	(3.1)	(2.9)	(2.9)
Remittances	USD bn	2.7	2.5	2.4	2.5	2.1	2.2	2.8	3.1	2.3	2.8	2.5	2.7	2.7
Key Commodities Prices														
International														
Coal	USD/ton	200.5	220.0	117.0	137.3	174.0	261.0	254.4	295.0	341.5	341.7	332.0	346.5	286.3
Steel (HRC)	USD/ton	900.1	848.0	744.9	747.2	766.4	785.8	830.8	773.2	726.0	659.8	587.0	577.8	562.2
PTA	USD/ton	745.0	780.0	735.0	725.0	815.0	875.0	935.0	960.0	995.0	965.0	870.0	860.0	880.0
Gold	USD/oz	1,757.0	1,783.4	1,774.5	1,829.2	1,797.2	1,909.0	1,937.4	1,894.5	1,837.4	1,807.3	1,765.9	1,711.0	1,671.2
Cotton (COTLOOK A)	USD/lb	110.2	123.1	123.3	125.9	135.9	135.2	153.6	154.3	157.5	135.5	131.4	135.3	112.0
Crude oil (WTI)	USD/bbl	75.0	83.6	66.2	75.2	88.2	95.7	100.3	105.4	114.7	105.8	98.6	89.6	83.5
Crude oil (Arab Light)	USD/bbl	79.0	83.9	72.8	79.2	91.1	99.9	109.3	110.6	124.6	116.3	111.9	105.2	100.4
Crude oil (Brent)	USD/bbl	78.5	84.4	70.6	77.8	91.2	101.0	107.9	107.6	122.8	114.8	110.0	96.5	90.5
Local														
Cotton	PKR/maund	14,100	15,400	17,500	18,000	19,400	20,000	20,500	21,000	22,500	17,200	19,200	21,500	22,500
Cement	PKR/bag	678.1	722.6	741.6	738.5	737.1	748.4	865.5	869.9	874.9	1,023.0	1,042.4	1,035.8	1,037.94
Gold	PKR/10 grms	97,310	102,280	101,680	107,940	108,880	111,460	110,940	116,430	121,740	121,660	138,890	123,890	132,460

*Current Price

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SELL	Upside* of subject security(ies) is less than -10% from last closing of market price(s)

* Upside for Power Generation Companies is upside plus dividend yield.

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- **Discounted Cash Flow (DCF)**
- **Dividend Discounted Model (DDM)**
- **Sum of the Parts (SoTP)**
- **Justified Price to Book (JPTB)**
- **Reserved Base Valuation (RBV)**

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Arif Habib Limited (AHL) has shareholding in OGDC, NBP, FCCL, PSO, SNGP, KAPCO and UNITY.