

## Valuation of Debt Securities by MUFAP

as required under the Non Banking Finance Companies and Notified Entities Regulations, 2008.

### Valuation Rationale

MUFAP is happy to announce the new prices as calculated by its "Pricing Committee" in consultation with the SECP. The calculation of prices with this new mechanism is the first step towards valuation of debt securities based on traded prices and use of traded prices to value similar non traded debt securities. This step would be followed by several initiatives for the development of the bond market. The very next step is to build a trading platform for these securities, which as per SECP agreement with MUFAP will be available in a reasonably short period of time.

The need for this new mechanism was felt due to the poor liquidity conditions in the financial markets and bilateral transactions taking place between parties without a proper trading platform where proper price discovery can take place amongst buyers and sellers. Thus it was of utmost importance to evolve prices which were true reflection of the market dynamics. These prices incorporate all the pertinent variables that are required for a true and reflective price of a fixed income instrument. These include duration, maturity, credit spreads, ratings, coupon rates and trading details.

Investors should note that the prices of debt securities can be volatile in changing interest rate and liquidity environment, and the prices can move in both directions. However, the interest rate volatility is mitigated for debt securities with floating rate coupons, which is true for most TFCs.

MUFAP is endeavoring to create the best possible environment for investing where there is proper price discovery, transparency and efficiency in trading of debt securities and is striving to address the concerns of all participants involved.

## Rates of Debt Securities as of April 28, 2009

### VALUATION OF RATED INVESTMENT GRADE DEBT SECURITIES

S.No.	Code	TFCs and Sukuks	Traded / Non-Traded	Prices
<b>GOVERNMENT GUARANTEED</b>				
1	GIS/SUK/110309	GOP IJARA SUKUK	Non-Traded	97.9432
2	KSEW/SUK/021107	KARACHI SHIPYARD & ENGINEERING WORKS LTD-SUKUK (02-11-07)	Non-Traded	98.9327
3	KSEW/SUK/040208	KARACHI SHIPYARD & ENGINEERING WORKS LTD-SUKUK (04-02-08)	Traded	98.0740
4	NIPC/SUK/110807	NATIONAL INDUSTRIAL PARK DEVEL. & MANAGEMENT Co. SUKUK (11-08-07)	Non-Traded	100.3618
5	PIA/TFC/200203	PAKISTAN INTERNATIONAL AIRLINE CORPORATION-TFC (20-02-03)	Non-Traded	98.5817
6	WAPDA/SUK/050106	WAPDA-SUKUK (01-05-06)	Non-Traded	99.0573
7	WAPDA/SUK/130707	WAPDA-SUKUK (13-07-07)	Non-Traded	94.6405
<b>RATED AA+</b>				
8	JSCL/TFC/211204	JAHANGIR SIDDIQUI & COMPANY LTD-TFC (21-12-04)	Non-Traded	91.5500
9	JSCL/TFC/300905	JAHANGIR SIDDIQUI & COMPANY LTD-TFC (30-09-05)	Traded	95.0167
10	JSCL/TFC/211106	JAHANGIR SIDDIQUI & COMPANY LTD-TFC (21-11-06)	Non-Traded	92.9997
11	JSCL/TFC/040707	JAHANGIR SIDDIQUI & COMPANY LTD-TFC (04-07-07)	Traded	88.6250
12	OLPL/TFC/250507	ORIX LEASING PAKISTAN LTD-TFC (25-05-07)	Non-Traded	101.4320
13	PKIC/TFC/090805	PAK KUWAIT INVESTMENT COMPANY LTD-TFC (09-08-05)	Non-Traded	100.5806
14	PKIC/TFC/230206	PAK KUWAIT INVESTMENT COMPANY LTD-TFC (03-02-06)	Non-Traded	101.0247
15	PKIC/TFC/280306	PAK KUWAIT INVESTMENT COMPANY LTD-TFC (28-03-06)	Non-Traded	100.8403
<b>RATED AA</b>				
16	ENGRO/SUK/060907	ENGRO CHEMICAL PAKISTAN LTD-SUKUK (06-09-07)	Traded	101.4500
17	ENGRO/TFC/301107	ENGRO CHEMICAL PAKISTAN LTD-TFC (30-11-07)	Traded	98.7917
18	ENGRO/TFC(I)/180308	ENGRO CHEMICAL PAKISTAN LTD-TFC (18-03-08) (PRP-I)	Non-Traded	88.0000
19	ENGRO/TFC(II)/180308	ENGRO CHEMICAL PAKISTAN LTD-TFC (18-03-08) (PRP-II)	Non-Traded	87.6667
20	OLPL/SUK/300607	ORIX LEASING PAKISTAN LTD-SUKUK (30-06-07)	Non-Traded	100.8440
21	OLPL/TFC/150108	ORIX LEASING PAKISTAN LTD-TFC (15-01-08)	Non-Traded	100.9606
22	PAFL/SUK/270907	PAK ARAB FERTILIZERS (28-02-08)	Non-Traded	95.6813
23	SCB/TFC/200104	SCB (PAK) LTD-TFC (20-01-04)	Non-Traded	96.5537
24	SCB/TFC/010206	SCB (PAK) LTD-TFC (01-02-06)	Non-Traded	100.5000
25	SSGC/SUK/311207	SUI SOUTHERN GAS COMPANY - SUKKUK (31-12-07) - I	Non-Traded	98.1793
26	UBL/TFC/100804	UNITED BANK LTD-TFC (10-08-04)	Non-Traded	87.0000
27	UBL/TFC/150305	UNITED BANK LTD-TFC (15-03-05)	Non-Traded	84.9460
28	UBL/TFC/080906	UNITED BANK LTD-TFC (08-09-06)	Traded	100.0000
29	UBL/TFC/140208	UNITED BANK LTD-TFC (14-02-08)	Traded	93.4703
<b>RATED AA-</b>				
30	ABL/TFC/061206	ALLIED BANK LTD-TFC (06-12-06)	Traded	100.3661

31	AKBL/TFC/040205	ASKARI BANK LTD-TFC (04-02-05)	Traded	98.4750
32	AKBL/TFC/311005	ASKARI BANK LTD-TFC (31-10-05)	Traded	97.8309
33	ANL/TFC/200905	AZGARD NINE LTD- TFC (20-09-05)	Traded	88.4750
34	ANL/TFC/041207	AZGARD NINE LTD- TFC (04-12-07) PP	Non-Traded	95.0463
35	BAFL/TFC/231104	BANK ALFALAH LTD-TFC (23-11-04)	Non-Traded	93.4007
36	BAFL/TFC/251105	BANK ALFALAH LTD-TFC (25-11-05)	Traded	98.0671
37	BAHL/TFC/150704	BANK AL-HABIB LTD-TFC (15-07-04) 10% cap	Non-Traded	83.9366
38	BAHL/TFC/070207	BANK AL-HABIB LTD-TFC (07-02-07)	Traded	100.0000
39	CPBM/SUK/250907	CENTURY PAPER & BOARD MILLS LTD- SUKUK (25-09-07)	Traded	97.0000
40	FABL/TFC/121107	FAYSAL BANK LTD (12-11-2007)	Non-Traded	90.5245
41	FRSCL(A)/TFC/170107	FINANCIAL REC'BLES SEC'ZATION CO. LTD-TFC CLASS "A"	Non-Traded	96.0471
42	FRSCL(B)/TFC/170107	FINANCIAL REC'BLES SEC'ZATION CO. LTD-TFC CLASS "B"	Non-Traded	94.7547
43	KASBS/TFC/270607	KASB SECURITIES LTD- TFC (27-06-07)	Traded	87.5000
44	PACE/TFC/150208	PACE (PAKISTAN) LTD-TFC (15-02-08)	Traded	94.9137
45	PAFL/TFC/301107	PAK AMERICAN FERTILIZER LTD-TFC (30-11-07)	Non-Traded	93.8492
46	PAFL/TFC/140108	PAK AMERICAN FERTILIZER LTD-TFC (14-01-08)	Non-Traded	93.9123
47	PAFL/SUK/060808	PAK AMERICAN FERTILIZER LTD-SUKUK (06-08-08)	Traded	88.6844
48	PAFL/TFC/011208	PAK AMERICAN FERTILIZER LTD-TFC (01-12-08)	Non-Traded	97.7336
49	PMCL/TFC/310506	PAKISTAN MOBILE COMMUNICATION LTD-TFC (31-05-06)	Non-Traded	97.3318
50	PMCL/TFC/011007	PAKISTAN MOBILE COMMUNICATION LTD-TFC (01-10-07)	Traded	88.9216
51	PMCL/TFC/281008	PAKISTAN MOBILE COMMUNICATION LTD-TFC (28-10-08)	Non-Traded	93.1000
52	RBS/TFC/100205	ROYAL BANK OF SCOTLAND - TFC (10-02-05)	Non-Traded	96.2344
53	SCIL/SUK/031206	SITARA CHEMICALS LTD - SUKUK - II (03-12-06)	Non-Traded	96.8560
54	SCIL/SUK/020108	SITARA CHEMICALS LTD - SUKUK - III (02-01-08)	Traded	97.1076
55	WTL/TFC/281106	WORLDCALL TELECOM LTD.TFC (28-11-06)	Non-Traded	98.6124
56	WTL/TFC/071008	WORLDCALL TELECOM LTD-TFC (07-10-08)	Non-Traded	93.9372

**RATED A+**

57	AASML/TFC/211107	AL ABBAS SUGAR MILLS LTD-TFC (21-11-07)	Traded	91.7350
58	BRRGM/TFC/070608	BRR GUARDIAN MODARABA (07-06-08)	Non-Traded	90.8801
59	EIBL/TFC/150307	ESCORTS INVESTMENT BANK LTD-TFC (15-03-07)	Non-Traded	96.3451
60	HBFC/SUK/070508	HOUSE BUILDING FINANCE CORPORATION LTD - SUKUK (07-05-08)	Traded	94.3158
61	IGIBL/TFC/110706	IGI INV. BANK LTD-TFC (FIRST INT'L INV. BANK LTD. - TFC) (11-07-06)	Non-Traded	97.7500
62	NIB/TFC/050308	NIB BANK LTD-TFC (05-03-08)	Non-Traded	95.2306
63	PEL/SUK/280907	PEL-SUKUK (28-09-07)	Non-Traded	95.0899
64	PEL/SUK/300608	PEL-SUKUK (30-06-08)	Non-Traded	86.8396
65	SNBL/TFC/050505	SONERI BANK LTD-TFC (05-05-05)	Non-Traded	91.5728

**RATED A**

66	AZLM/TFC/310505	AL-ZAMIN LEASING MODARABA-TFC (31-05-05)	Non-Traded	94.8767
67	AML/SUK/210108	AMTEX LTD.-SUKUK (21-01-08)	Non-Traded	89.1800
68	EBL/SUK/150608	EDEN BUILDERS LTD.- SUKUK (15-06-08)	Non-Traded	92.1707
69	EHL/SUK/311207	EDEN HOUSING LTD.- SUKUK (31-12-07)	Non-Traded	95.7794
70	EHL/SUK/310308	EDEN HOUSING LTD.- SUKUK (31-03-08)	Non-Traded	94.4568
71	EIBL/TFC/270904	ESCORT INVESTMENT BANK (27-09-04) (Cap @ 10%)	Non-Traded	100.0000
72	JDWS/SUK/190608	JDW SUGAR MILLS LTD. SUKUK (19-06-08)	Non-Traded	89.5377
73	JDWS/TFC/230608	JDW SUGAR MILLS LTD. SUKUK (23-06-08)	Non-Traded	89.5101
74	KASHF/TFC/051107	KASHAF FOUNDATION - TFC (05-11-07)	Non-Traded	97.9052
75	OPTI/TFC/101007	OPTIMUS LTD - TFC (10-10-07)	Non-Traded	92.7504
76	TRAKKER/TFC/150907	TRAKKER (15-09-07) - PPTFC	Non-Traded	97.1188
77	TRIBL/TFC/170704	TRUST INVESTMENT BANK LTD-TFC (17-07-04) 10% cap	Non-Traded	100.0000
78	TRIBL/TFC/151105	TRUST INVESTMENT BANK LTD-TFC (15-11-05)	Non-Traded	97.7615
79	TRIBL/TFC/040708	TRUST INVESTMENT BANK LTD-TFC (04-07-08)	Non-Traded	93.5705

**RATED A-**

80	AZLC/TFC/050907	ALZAMIN LEASING CORPORATION LTD-TFC (05-09-07)	Non-Traded	95.9438
81	AZLM/TFC/120508	AL-ZAMIN LEASING MODARABA LTD-TFC (12-05-08)	Non-Traded	93.5747
82	AVH/TFC/011107	AVARI HOTELS-TFC (01-11-07)	Non-Traded	93.1372
83	MLFC/SUK/031207	MAPLE LEAF SUKUK-(3-12-07)	Traded	90.0108
84	QTML/SUK/260908	QUETTA TEXTILE MILLS LTD-SUKUK (26-09-08)	Non-Traded	86.1111
86	SSML/SUK/270907	SHAHMURAD SUGAR MILLS LTD-SUKUK (27-09-07)	Non-Traded	93.9300
87	SGML/TFC/220908	SHAKARGANJ MILLS LTD-TFC 2008	Non-Traded	91.0742
88	SMEL/TFC/160708	SME LEASING LTD-TFC (16-07-08)	Non-Traded	95.2646

**RATED BBB-**

89	SPLC/TFC/130308	SAUDI PAK LEASING COMPANY LTD-TFC (13-03-08)	Non-Traded	74.0000
85	SEARL/TFC/090306	SEARLE PAKISTAN LTD-TFC (09-03-06)	Non-Traded	95.4441

90	SLCL/TFC/280306	SECURITY LEASING CORPORATION LTD-PPTFC (28-03-06)	Non-Traded	95.1870
91	SLCL/SUK/010607	SECURITY LEASING CORPORATION LTD-SUKKUK (01-06-07) - I	Non-Traded	94.1220
92	SLCL/SUK/190907	SECURITY LEASING CORPORATION LTD-SUKKUK (19-09-07) - II	Non-Traded	92.3486

**RATED BBB**

93	GCL/TFC/180108	GHARIBWAL CEMENT-TFC (18-01-08)	Non-Traded	91.6122
94	TELE/TFC/270505	TELECARD LTD-TFC (27-05-05)	Non-Traded	96.3679

**VALUATION OF RATED NON-INVESTMENT GRADE DEBT SECURITIES**

S.No.	Code	TFCs and Sukuks	Traded / Non-Traded	Prices
1	FDIBL/TFC/110907	FIRST DAWOOD INVESTMENT BANK LTD. TFC (11-09-07)	Non-Traded	75.0000
2	KCCL/SUK/131207	KOHAT CEMENT-SUKKUK (13-12-07)	Non-Traded	75.0000
3	TSH/TFC/260608	THREE STAR HOSIERY (25-06-08)	Non-Traded	75.0000

**VALUATION OF NON-RATED DEBT SECURITIES**

S.No.	Code	TFCs and Sukuks	Traded / Non-Traded	Prices
1	AAHL/TFC/230806	AL ABBAS HOLDINGS (PVT) LTD-TFC (23-08-06)	Non-Traded	75.0000
2	ATML/SUK/150408	ARZOO TEXTILE MILLS LTD-SUKUK (15-04-08)	Non-Traded	75.0000
3	CTM/TFC/170604	CRESCENT TEXTILE MILLS LTD-TFC (17-06-04)	Non-Traded	75.0000
4	DAWH/SUK/180907	DAWOOD HERCULES-SUKUK (18-09-07)	Non-Traded	92.1686
5	DFSML/TFC/201204	DEWAN FAROOQUE SPINNING MILLS LTD-TFC (20-12-04)	Non-Traded	75.0000
6	DGKC/SUK/080508	DGKC DIMINISHING MUSHARKAH (08-05-08)	Non-Traded	94.8198
7	GHL/TFC/230806	GHANI HOLDING (PVT) LTD-TFC (23-08-06)	Non-Traded	75.0000
8	JCL/TFC/101106	JAVEDAN CEMENT LTD-TFC (10-11-06)	Non-Traded	75.0000
9	PHO/TFC/311208	PAK HY-OILS LTD-TFC (31-12-08)	Non-Traded	75.0000
10	SPL/SUK/190808	SITARA PEROXIDE LTD-SUK (19-08-08)	Non-Traded	75.0000
11	VDL/TFC/301108	VISION DEVELOPERS (PVT) LTD (30-11-08)	Non-Traded	75.0000

**VALUATION OF NON-PERFORMING DEBT SECURITIES**

S.No.	Code	TFCs and Sukuks	Traded / Non-Traded	Prices
1	DCL/TFC/	DEWAN CEMENT LTD	Non-Traded	A/C to NPA
2	NAEL/TFC/150507	NEW ALLIED ELECTRONIC (15-05-07)	Non-Traded	A/C to NPA
3	NAEL/SUK/270707	NEW ALLIED ELECTRONIC - SUKUK (27-07-07)	Non-Traded	A/C to NPA
4	NAEL/SUK/031207	NEW ALLIED ELECTRONIC - SUKUK (03-12-07)	Non-Traded	A/C to NPA

**Applicability for Traded Securities (Bold Highlighted):**
**April 28, 2009 (Prices will change on daily basis)**
**Applicability for Non-Traded Securities:**
**April 18 to May 1, 2009.**

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