

## 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 May 6, 2009 (2nd Revision)

### 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	97.0311
2	KSEW/SUK/021107	KARACHI SHIPYARD & ENGINEERING WORKS LTD-SUKUK (02-11-07)	Non-Traded	95.8568
3	<b>KSEW/SUK/040208</b>	<b>KARACHI SHIPYARD &amp; ENGINEERING WORKS LTD-SUKUK (04-02-08)</b>	<b>Traded</b>	<b>98.0000</b>
4	NIPC/SUK/110807	NATIONAL INDUSTRIAL PARK DEVEL. & MANAGEMENT Co. SUKUK (11-08-07)	Non-Traded	97.0575
5	PIA/TFC/200203	PAKISTAN INTERNATIONAL AIRLINE CORPORATION-TFC (20-02-03)	Non-Traded	97.7831
6	WAPDA/SUK/050106	WAPDA-SUKUK (01-05-06)	Non-Traded	96.5247
7	WAPDA/SUK/130707	WAPDA-SUKUK (13-07-07)	Non-Traded	90.5168
<b>RATED AA+</b>				
8	JSCL/TFC/211204	JAHANGIR SIDDIQUI & COMPANY LTD-TFC (21-12-04)	Non-Traded	92.2765
9	<b>JSCL/TFC/300905</b>	<b>JAHANGIR SIDDIQUI &amp; COMPANY LTD-TFC (30-09-05)</b>	<b>Traded</b>	<b>95.0167</b>
10	JSCL/TFC/211106	JAHANGIR SIDDIQUI & COMPANY LTD-TFC (21-11-06)	Non-Traded	92.9997
11	<b>JSCL/TFC/040707</b>	<b>JAHANGIR SIDDIQUI &amp; COMPANY LTD-TFC (04-07-07)</b>	<b>Traded</b>	<b>88.4028</b>
12	OLPL/TFC/250507	ORIX LEASING PAKISTAN LTD-TFC (25-05-07)	Non-Traded	99.6326
13	PKIC/TFC/090805	PAK KUWAIT INVESTMENT COMPANY LTD-TFC (09-08-05)	Non-Traded	99.6939
14	PKIC/TFC/230206	PAK KUWAIT INVESTMENT COMPANY LTD-TFC (03-02-06)	Non-Traded	99.1587
15	PKIC/TFC/280306	PAK KUWAIT INVESTMENT COMPANY LTD-TFC (28-03-06)	Non-Traded	98.9496
<b>RATED AA</b>				
16	ENGRO/SUK/060907	ENGRO CHEMICAL PAKISTAN LTD-SUKUK (06-09-07)	Non-Traded	101.4500
17	<b>ENGRO/TFC/301107</b>	<b>ENGRO CHEMICAL PAKISTAN LTD-TFC (30-11-07)</b>	<b>Traded</b>	<b>98.7924</b>
18	ENGRO/TFC(I)/180308	ENGRO CHEMICAL PAKISTAN LTD-TFC (18-03-08) (PRP-I)	Non-Traded	88.0753
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	98.9752
21	OLPL/TFC/150108	ORIX LEASING PAKISTAN LTD-TFC (15-01-08)	Non-Traded	98.3468
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	96.0823
24	SCB/TFC/010206	SCB (PAK) LTD-TFC (01-02-06)	Non-Traded	99.7877
25	SSGC/SUK/311207	SUI SOUTHERN GAS COMPANY - SUKUK (31-12-07) - I	Non-Traded	95.5019
26	UBL/TFC/100804	UNITED BANK LTD-TFC (10-08-04)	Non-Traded	85.3085
27	UBL/TFC/150305	UNITED BANK LTD-TFC (15-03-05)	Non-Traded	83.2088
28	UBL/TFC/080906	UNITED BANK LTD-TFC (08-09-06)	Non-Traded	97.2550
29	<b>UBL/TFC/140208</b>	<b>UNITED BANK LTD-TFC (14-02-08)</b>	<b>Traded</b>	<b>93.6466</b>

### RATED AA-

30	ABL/TFC/061206	ALLIED BANK LTD-TFC (06-12-06)	Non-Traded	100.3661
31	<b>AKBL/TFC/040205</b>	<b>ASKARI BANK LTD-TFC (04-02-05)</b>	<b>Traded</b>	<b>98.2500</b>
32	<b>AKBL/TFC/311005</b>	<b>ASKARI BANK LTD-TFC (31-10-05)</b>	<b>Traded</b>	<b>97.6470</b>
33	<b>ANL/TFC/200905</b>	<b>AZGARD NINE LTD- TFC (20-09-05)</b>	<b>Traded</b>	<b>88.4750</b>
34	ANL/TFC/041207	AZGARD NINE LTD- TFC (04-12-07) PP	Non-Traded	96.3065
35	BAFL/TFC/231104	BANK ALFALAH LTD-TFC (23-11-04)	Non-Traded	94.6265
36	<b>BAFL/TFC/251105</b>	<b>BANK ALFALAH LTD-TFC (25-11-05)</b>	<b>Traded</b>	<b>98.0671</b>
37	BAHL/TFC/150704	BANK AL-HABIB LTD-TFC (15-07-04) 10% cap	Non-Traded	86.2853
38	<b>BAHL/TFC/070207</b>	<b>BANK AL-HABIB LTD-TFC (07-02-07)</b>	<b>Traded</b>	<b>100.0000</b>
39	<b>CPBM/SUK/250907</b>	<b>CENTURY PAPER &amp; BOARD MILLS LTD- SUKUK (25-09-07)</b>	<b>Traded</b>	<b>97.5240</b>
40	FABL/TFC/121107	FAYSAL BANK LTD (12-11-2007)	Non-Traded	92.1621
41	FRSCL(A)/TFC/170107	FINANCIAL REC'BLES SEC'ZATION CO. LTD-TFC CLASS "A"	Non-Traded	97.1028
42	FRSCL(B)/TFC/170107	FINANCIAL REC'BLES SEC'ZATION CO. LTD-TFC CLASS "B"	Non-Traded	96.5232
43	<b>KASBS/TFC/270607</b>	<b>KASB SECURITIES LTD- TFC (27-06-07)</b>	<b>Traded</b>	<b>87.5000</b>
44	<b>PACE/TFC/150208</b>	<b>PACE (PAKISTAN) LTD-TFC (15-02-08)</b>	<b>Traded</b>	<b>94.9137</b>
45	PAFL/TFC/301107	PAK AMERICAN FERTILIZER LTD-TFC (30-11-07)	Non-Traded	95.1035
46	PAFL/TFC/140108	PAK AMERICAN FERTILIZER LTD-TFC (14-01-08)	Non-Traded	95.2199
47	<b>PAFL/SUK/060808</b>	<b>PAK AMERICAN FERTILIZER LTD-SUKUK (06-08-08)</b>	<b>Traded</b>	<b>88.5000</b>
48	PAFL/TFC/011208	PAK AMERICAN FERTILIZER LTD-TFC (01-12-08)	Non-Traded	98.8614
49	PMCL/TFC/310506	PAKISTAN MOBILE COMMUNICATION LTD-TFC (31-05-06)	Non-Traded	98.4733
50	<b>PMCL/TFC/011007</b>	<b>PAKISTAN MOBILE COMMUNICATION LTD-TFC (01-10-07)</b>	<b>Traded</b>	<b>88.1971</b>
51	PMCL/TFC/281008	PAKISTAN MOBILE COMMUNICATION LTD-TFC (28-10-08)	Non-Traded	93.0574
52	RBS/TFC/100205	ROYAL BANK OF SCOTLAND - TFC (10-02-05)	Non-Traded	97.2404
53	SCIL/SUK/031206	SITARA CHEMICALS LTD - SUKUK - II (03-12-06)	Non-Traded	97.5579
54	<b>SCIL/SUK/020108</b>	<b>SITARA CHEMICALS LTD - SUKUK - III (02-01-08)</b>	<b>Traded</b>	<b>97.3774</b>
55	WTL/TFC/281106	WORLDCALL TELECOM LTD.TFC (28-11-06)	Non-Traded	99.1864
56	WTL/TFC/071008	WORLDCALL TELECOM LTD-TFC (07-10-08)	Non-Traded	95.2411

**RATED A+**

57	<b>AASML/TFC/211107</b>	<b>AL ABBAS SUGAR MILLS LTD-TFC (21-11-07)</b>	<b>Traded</b>	<b>91.5923</b>
58	BRRGM/TFC/070608	BRR GUARDIAN MODARABA (07-06-08)	Non-Traded	90.6833
59	EIBL/TFC/150307	ESCORTS INVESTMENT BANK LTD-TFC (15-03-07)	Non-Traded	96.3558
60	<b>HBFC/SUK/070508</b>	<b>HOUSE BUILDING FINANCE CORPORATION LTD - SUKUK (07-05-08)</b>	<b>Traded</b>	<b>94.6667</b>
61	IGIBL/TFC/110706	IGI INV. BANK LTD-TFC (FIRST INT'L INV. BANK LTD. - TFC) (11-07-06)	Non-Traded	97.6735
62	<b>NIB/TFC/050308</b>	<b>NIB BANK LTD-TFC (05-03-08)</b>	<b>Traded</b>	<b>95.3000</b>
63	PEL/SUK/280907	PEL-SUKUK (28-09-07)	Non-Traded	95.0351
64	PEL/SUK/300608	PEL-SUKUK (30-06-08)	Non-Traded	86.5778
65	SNBL/TFC/050505	SONERI BANK LTD-TFC (05-05-05)	Non-Traded	91.3761

**RATED A**

66	AZLM/TFC/310505	AL-ZAMIN LEASING MODARABA-TFC (31-05-05)	Non-Traded	95.0704
67	AML/SUK/210108	AMTEX LTD.-SUKUK (21-01-08)	Non-Traded	89.1808
68	<b>EBL/SUK/080908</b>	<b>EDEN BUILDERS LTD.- SUKUK (08-09-08)</b>	<b>Traded</b>	<b>99.7500</b>
69	EHL/SUK/311207	EDEN HOUSING LTD.- SUKUK (31-12-07)	Non-Traded	95.4383
70	EHL/SUK/310308	EDEN HOUSING LTD.- SUKUK (31-03-08)	Non-Traded	94.1969
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	89.1057
73	JDWS/TFC/230608	JDW SUGAR MILLS LTD. SUKUK (23-06-08)	Non-Traded	89.0740
74	KASHF/TFC/051107	KASHAF FOUNDATION - TFC (05-11-07)	Non-Traded	97.7700
75	OPTI/TFC/101007	OPTIMUS LTD - TFC (10-10-07)	Non-Traded	92.3844
76	TRAKKER/TFC/150907	TRAKKER (15-09-07) - PPTFC	Non-Traded	96.9603
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	97.6127
79	TRIBL/TFC/040708	TRUST INVESTMENT BANK LTD-TFC (04-07-08)	Non-Traded	93.1663

**RATED A-**

80	AZLC/TFC/050907	ALZAMIN LEASING CORPORATION LTD-TFC (05-09-07)	Non-Traded	95.3321
81	AZLM/TFC/120508	AL-ZAMIN LEASING MODARABA LTD-TFC (12-05-08)	Non-Traded	93.3038
82	AVH/TFC/011107	AVARI HOTELS-TFC (01-11-07)	Non-Traded	91.1953
83	<b>MLFC/SUK/031207</b>	<b>MAPLE LEAF SUKUK-(3-12-07)</b>	<b>Traded</b>	<b>90.0108</b>
84	QTML/SUK/260908	QUETTA TEXTILE MILLS LTD-SUKUK (26-09-08)	Non-Traded	84.0352
86	SSML/SUK/270907	SHAHMURAD SUGAR MILLS LTD-SUKUK (27-09-07)	Non-Traded	92.2520
87	SGML/TFC/220908	SHAKARGANJ MILLS LTD-TFC (22-07-08)	Non-Traded	89.4854
88	SMEL/TFC/160708	SME LEASING LTD-TFC (16-07-08)	Non-Traded	94.5079

**RATED BBB+**

89	SPLC/TFC/130308	SAUDI PAK LEASING COMPANY LTD-TFC (13-03-08)	Non-Traded	74.0000
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85	SEARL/TFC/090306	SEARLE PAKISTAN LTD-TFC (09-03-06)	Non-Traded	94.8499
90	SLCL/TFC/280306	SECURITY LEASING CORPORATION LTD-PPTFC (28-03-06)	Non-Traded	94.5612
91	SLCL/SUK/010607	SECURITY LEASING CORPORATION LTD-SUKKUK (01-06-07) - I	Non-Traded	93.1672
92	SLCL/SUK/190907	SECURITY LEASING CORPORATION LTD-SUKKUK (19-09-07) - II	Non-Traded	91.3648

**RATED BBB**

93	GCL/TFC/180108	GHARIBWAL CEMENT-TFC (18-01-08)	Non-Traded	90.2139
94	TELE/TFC/270505	TELECARD LTD-TFC (27-05-05)	Non-Traded	95.6415

**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	93.5237
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	94.4323
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):** May 6, 2009 (Prices will change on daily basis)  
**Applicability for Non-Traded Securities:** May 4 to May 15, 2009.

(Page updated on May 6, 2009 at 6:40 P. M.)