



**THE KARACHI ELECTRIC SUPPLY COMPANY LTD.**

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Ref. No. CMF/NEPRA/071/267

The Registrar  
National Electric Power Regulatory Authority  
2<sup>ND</sup> Floor, OPF Building, G-5/2  
Islamabad

August 11, 2010

Dear Sir

Subject: **MONTHLY FUEL SURCHARGE ADJUSTMENT (FSA) DUE TO VARIATION IN FUEL AND POWER PURCHASE PRICE FOR JULY 2010.**

This is further to our letter no. CMF/NEPRA/071/239 dated 22<sup>nd</sup> July 2010 wherein the requisite data for the required monthly fuel adjustment surcharge based on units sent out (without taking into account the effect of T&D losses) for June 2010 was submitted.

**Required Monthly Adjustment:**

The results for July 2010 have been finalized and the summarized position in respect of monthly fuel surcharge adjustment based on units sent out (without taking into account the effect of T&D losses) for the month is as under;

DESCRIPTION	July 2010 (Over June 2010)
Fuel Price Variation (Ps/kWh)	11.104
Power Purchase Price Variation (Ps/kWh)	0.773
<b>Total Fuel Surcharge Adjustment (Ps/kWh)</b>	<b>11.877</b>

It may please be noted that the cost of power purchase form NTDC for July 2010 has been accounted for on a provisional basis, taking into account the rates for June 2010 as the invoice for July 2010 has not been received as yet.

Furthermore, it is certified that the cost of fuel and power purchase claimed does not include any amount of late payment surcharge/ markup/ interest.

The requisite data on the captioned subject for July 10 relating to variation in fuel and power purchase price has been enclosed for your reference.

Best Regards

for

Abdul Rauf Yousuf  
Director (RA & SP)

Copy to:

Secretary, M/o Water and Power, Islamabad

Mr. Sajjad Muhammad Qureshi, Director Tariff, NEPRA, Islamabad

**K. E. S. C. LTD****SUMMARY OF REQUIRED ADJUSTMENT ON ACCOUNT OF VARIATION IN COST OF FUEL AND POWER PURCHASES**

DESCRIPTION		Jul-10
<b>1 MONTHLY ALLOWABLE ADJUSTMENT ON UNITS SENT OUT BASIS</b>		
a. Monthly Variation in		
i Fuel Price	Mill Rs.	167.288
ii Power Purchase Price - Fuel component	Mill Rs.	11.649
iii Total Monthly Variation ( i + ii ) - Over Reference Tariff	Mill Rs.	178.937
b. Units Sent Out	Mill kWh	1,506.538
<b>2 a. Monthly Variation in FSA - due to</b>		
i Fuel Price	Ps/kWh	11.104
ii Power Purchase Price - Fuel component	Ps/kWh	0.773
b Monthly increase/decrease to be passed to Consumers (i+ii)	Ps/kWh	11.877
c Units Sold at 25% T&D losses	Mill kWh	1,160.034
d Increase/ Decrease in Revenue due to FSA	Mill Rs.	137.782
<b>3 MONTHLY SHORTFALL/(SURPLUS) IN REVENUE ( 1aiii -2d )</b>	Mill Rs.	41.156

**Work Sheet- Fuel Price Variation**

DESCRIPTION		Jun-10	Jul-10
<b>1 UNITS SENT OUT - KESC</b>			
<b>1a UNITS SENT OUT ON GAS</b>			
i	Bin Qasim	Mill kWh	297 753 306 558
ii	Korangi Thermal	Mill kWh	39 008 40 300
iii	Korangi Gas 1	Mill kWh	- -
iv	Korangi Gas 2	Mill kWh	58 209 61 308
v	Site Gas 1	Mill kWh	- -
vi	Site Gas 2	Mill kWh	58 625 60 614
vii	Korangi combined	Mill kWh	99 814 112 019
viii	Total (i to vii)	Mill kWh	553 409 560 799
<b>1b UNITS SENT OUT ON F. OIL</b>			
i	Bin Qasim	Mill kWh	312 182 354 739
ii	Korangi Thermal	Mill kWh	- -
iii	Korangi Gas 1	Mill kWh	- -
iv	Korangi Gas 2	Mill kWh	- -
v	Site Gas 1	Mill kWh	- -
vi	Site Gas 2	Mill kWh	- -
vii	Korangi combined	Mill kWh	- -
viii	Total (i to vii)	Mill kWh	312 182 354 739
<b>1c TOTAL UNITS SENT OUT (1 + 2)</b>			
i	Bin Qasim	Mill kWh	609 835 661 297
ii	Korangi Thermal	Mill kWh	39 008 40 300
iii	Korangi Gas 1	Mill kWh	- -
iv	Korangi Gas 2	Mill kWh	58 209 61 308
v	Site Gas 1	Mill kWh	- -
vi	Site Gas 2	Mill kWh	58 625 60 614
vii	Korangi combined	Mill kWh	99 814 112 019
viii	Total (i to vii)	Mill kWh	865 591 935 539
<b>2 HEAT RATE AT BUS BAR</b>			
<b>2a Heat Rate of GAS - of item 1</b>			
i	Bin Qasim	Btu/kWh	10,650 10,650
ii	Korangi Thermal	Btu/kWh	13,738 13,738
iii	Korangi Gas 1	Btu/kWh	17,039 17,039
iv	Korangi Gas 2	Btu/kWh	9,500 9,500
v	Site Gas 1	Btu/kWh	17,039 17,039
vi	Site Gas 2	Btu/kWh	10,000 10,000
vii	Korangi combined	Btu/kWh	9,110 9,110
<b>2b CONVERSION FACTOR F. OIL - of item 2</b>			
i	Bin Qasim	Kg/kWh	0.264 0.264
ii	Korangi Thermal	Kg/kWh	0.340 0.340
<b>3 FUEL PRICES</b>			
a	Fuel Prices- Gas (Rs/MMBTu)	Rs/MMBTu	383.790 383.79
b	Fuel Price - F.O (Rs/Kg)	Rs/Kg	27.268 28.531
<b>4 COST OF FUEL</b>			
<b>4a COST OF GAS</b>			
i	Bin Qasim	Mill Rs	1,248,736 1,385,659
ii	Korangi Thermal	Mill Rs	211,029 218,020
iii	Korangi Gas 1	Mill Rs	- -
iv	Korangi Gas 2	Mill Rs	217,761 229,352
v	Site Gas 1	Mill Rs	- -
vi	Site Gas 2	Mill Rs	230,858 238,691
vii	Korangi combined	Mill Rs	358,077 401,859
viii	Total (i to vii)	Mill Rs	2,266,460 2,373,580
<b>4b COST OF FURNACE OIL</b>			
i	Bin Qasim	Mill Rs	2,247,185 2,671,942
ii	Korangi Thermal	Mill Rs	- -
iii	Korangi Gas 1	Mill Rs	- -
iv	Korangi Gas 2	Mill Rs	- -
v	Site Gas 1	Mill Rs	- -
vi	Site Gas 2	Mill Rs	- -
vii	Korangi combined	Mill Rs	- -
viii	Total (i to vii)	Mill Rs	2,247,185 2,671,942
<b>4c TOTAL COST OF FUEL</b>			
i	Bin Qasim	Mill Rs	3,495,921 3,957,601
ii	Korangi Thermal	Mill Rs	211,029 218,020
iii	Korangi Gas 1	Mill Rs	- -
iv	Korangi Gas 2	Mill Rs	217,761 229,352
v	Site Gas 1	Mill Rs	- -
vi	Site Gas 2	Mill Rs	230,858 238,691
vii	Korangi combined	Mill Rs	358,077 401,859
viii	Total	Mill Rs	4,513,645 5,045,522
<b>5 COST OF FUEL PER KWH</b>			
a	Bin Qasim	Rs/kWh	5.732 5.985
b	Korangi Thermal	Rs/kWh	5.410 5.410
c	Korangi Gas 1	Rs/kWh	6.710 6.710
d	Korangi Gas 2	Rs/kWh	3.741 3.741
e	Site Gas 1	Rs/kWh	- -
f	Site Gas 2	Rs/kWh	3.938 3.938
g	Korangi combined	Rs/kWh	3.587 3.587
<b>6 INCREASE/DECREASE IN COST OF FUEL PER KWH</b>			
a	Bin Qasim	Rs/kWh	(0.637) 0.253
b	Korangi Thermal	Rs/kWh	- -
c	Korangi Gas 1	Rs/kWh	- -
d	Korangi Gas 2	Rs/kWh	- -
e	Site Gas 1	Rs/kWh	- -
f	Site Gas 2	Rs/kWh	- -
g	Korangi combined	Rs/kWh	- -
<b>7 INCREASE / DECREASE IN FUEL COST OVER PREVIOUS MONTH</b>			
a	Bin Qasim	Mill Rs	(388,637) 167,288
b	Korangi Thermal	Mill Rs	- -
c	Korangi Gas 1	Mill Rs	- -
d	Korangi Gas 2	Mill Rs	- -
e	Site Gas 1	Mill Rs	- -
f	Site Gas 2	Mill Rs	- -
g	Korangi combined	Mill Rs	- -
h	Total (a to g)	Mill Rs	(388,637) 167,288
<b>8 INCREASE / DECREASE IN TARIFF TO BE PASSED IN THE MONTHLY BILLS</b>			
a	Fuel price variation (item 7-h)	Mill Rs	(388,637) 167,288
b	Units Sent Out - KESC	Mill kWh	865 591 935 539
c	Power Purchase	Mill kWh	579 521 570 999
d	Total Units Sent Out (b + c)	Mill kWh	1,445,111 1,506,538
e	Increase / Decrease In Tariff (8a / 8d x 100)	Rs/kWh	(26.893) 11.104
<b>9 INCREASE / DECREASE IN REVENUE</b>			
a	Units Sold	Mill kWh	1,083,834 1,160,034
b	Increase / Decrease in Tariff	Rs/kWh	(26.893) 11.194
c	Increase / Decrease in Revenue (9a / 9b x 100)	Mill Rs	(281,478) 128,812
d	Accumulated increase / decrease in revenue	Mill Rs	(533,898) 128,812

# Work Sheet- Power Purchase Cost Variation

DESCRIPTION		Jun-10	Jul-10	
<b>1 POWER PURCHASES</b>				
a	KANUPP	Mill kWh	47.158848	11.471328
b	PASMIC	Mill kWh	4.554444	4.458492
c	TAPAL	Mill kWh	74.818200	81.612000
d	GUL AHMED	Mill kWh	81.412194	81.283575
e	NTDC/WAPDA	Mill kWh	315.970000	333.657000
f	ANOUD POWER	Mill kWh	6.087513	7.097031
g	DHA CO-GEN	Mill kWh	-	-
h	INT IND (IIL)	Mill kWh	8.166994	10.374167
i	KH FAMA	Mill kWh	-	-
j	AGGREKO	Mill kWh	33.467392	34.498720
k	ENGRO	Mill kWh	0.050600	-
l	AL-ABBAS	Mill kWh	7.834360	6.547138
m	TOTAL	Mill kWh	579.520545	570.999451
<b>2 COST OF POWER PURCHASE - FUEL COST</b>				
a	KANUPP	Mill Rs	259.965	65.317
b	PASMIC	Mill Rs	25.107	25.386
c	TAPAL	Mill Rs	674.021	723.232
d	GUL AHMED	Mill Rs	746.448	742.429
e	NTDC/WAPDA	Mill Rs	1,675.059	1,768.716
f	ANOUD POWER	Mill Rs	44.470	51.057
g	DHA CO-GEN	Mill Rs	-	-
h	INT IND (IIL)	Mill Rs	30.567	38.819
i	KH FAMA	Mill Rs	-	-
j	AGGREKO	Mill Rs	145.117	152.915
k	ENGRO	Mill Rs	0.168	-
l	AL-ABBAS	Mill Rs	55.123	46.066
m	TOTAL	Mill Rs	3,656.046	3,613.937
<b>3 COST OF POWER PURCHASE- Fuel Cost/kWh</b>				
a	KANUPP	Rs/kWh	5.513	5.694
b	PASMIC	Rs/kWh	5.513	5.694
c	TAPAL	Rs/kWh	9.009	8.862
d	GUL AHMED	Rs/kWh	9.169	9.134
e	NTDC/WAPDA	Rs/kWh	5.301	5.301
f	ANOUD POWER	Rs/kWh	7.305	7.194
g	DHA CO-GEN	Rs/kWh	-	-
h	INT IND (IIL)	Rs/kWh	3.743	3.742
i	KH FAMA	Rs/kWh	-	-
j	AGGREKO	Rs/kWh	4.336	4.432
k	ENGRO	Rs/kWh	3.322	-
l	AL-ABBAS	Rs/kWh	7.036	7.036
m	AVERAGE	Rs/kWh	6.309	6.329
<b>4 INCREASE / DECREASE IN FUEL COMPONENT OF POWER PURCHASE - TO BE PASSED IN THE MONTHLY BILLS</b>				
a	Average Monthly Fuel cost of Power Purchase (Item 3m)	Rs/kWh	6.309	6.329
b	Reference Rate - Previous Month	Rs/kWh	6.671	6.309
c	Increase / Decrease in Average Rate of Power Purchase (4a-4b)	Rs/kWh	(0.362)	0.020
d	Total Power Purchase (Item 1m)	Mill kWh	579.521	570.999
e	Increase / Decrease in Fuel Cost of Power Purchase (4c*4d)	Mill Rs	(209.670)	11.649
<b>5 INCREASE / DECREASE IN TARIFF TO BE PASSED IN THE MONTHLY BILLS</b>				
a	Fuel price variation in cost of power purchase (Item 4a)		(209.670)	11.649
b	Units Sent Out - KESC	Mill kWh	865.591	935.539
c	Power Purchase	Mill kWh	579.521	570.999
d	Total Units Sent Out (b + c)	Mill kWh	1,445.111	1,506.538
e	Increase / Decrease in Tariff (5a / 5d x 100)			
	To be passed on to the consumers - FSA	Ps/kWh	(14.509)	0.773
<b>6 INCREASE / DECREASE IN REVENUE</b>				
a	Units Sold	Mill kWh	1,083.834	1,160.034
b	Increase / Decrease in Tariff (item 5e)	Ps/kWh	(14.509)	0.773
c	Increase / Decrease in Revenue (6a / 6b x100)	Mill Rs	(157.252)	8.970
d	Accumulated increase / decrease in revenue	Mill Rs	(127.603)	8.970

**Break of Cost of Power Purchases**

DESCRIPTION		Jun-10	Jul-10
<b>1 KANUPP</b>			
Units Purchased	Mill kWh	47 158848	11 471328
Fuel Cost	Mill Rs	259 965462	65 317053
Variable O & M	Mill Rs	17 559125	4 271234
Total Cost	Mill Rs	277 524587	69 588288
Adjustment of Jul-Mar 2010 increase in fixed cost		-	-
		<b>277.524587</b>	<b>69.588288</b>
<b>RATE OF PURCHASE FROM KANUPP</b>			
Fuel Cost	Rs/kWh	5.512549	5.693940
Variable O & M	Rs/kWh	0.372340	0.372340
Total Cost	Rs/kWh	5.884889	6.066280
Adjustment of Jul-Mar 2010 increase in fixed cost		-	-
<b>2 PASMIC</b>			
Units Purchased	Mill kWh	4 554444	4 458492
Fuel Cost	Mill Rs	25 106596	25 386386
Variable O & M	Mill Rs	4 774879	4 674283
Total Cost	Mill Rs	29 881475	30 060689
<b>RATE OF PURCHASE FROM PASMIC</b>			
Fuel Cost	Rs/kWh	5 512549	5 693940
Variable O & M	Rs/kWh	1 048400	1 048400
Total Cost	Rs/kWh	6 560949	6 742340
<b>3 Tapal Energy Ltd.</b>			
Units Purchased	Mill kWh	74 818200	81 612000
Fuel cost	Mill Rs	674 021329	723 232381
Variable O & M	Mill Rs	56 667305	62 963658
Total Energy Purchase Price	Mill Rs	730 688634	786 196039
Capacity Purchase Price	Mill Rs	107 475369	108 826310
Total Cost	Mill Rs	838 164003	895 022349
Payment of WWF for the year ended June 30 2009		13 644551	-
Payment of WPPF for the year ended June 30 2009		34 111376	-
Total Cost		885 919930	895 022349
<b>RATE OF PURCHASE FROM TAPAL</b>			
Fuel cost	Rs/kWh	9 009	8 862
Variable O & M	Rs/kWh	0 757	0 772
Total Energy Purchase Price	Rs/kWh	9 766	9 633
Capacity Purchase Price	Rs/kWh	1 436	1 333
Total Cost	Rs/kWh	11 203	10 967
Adj of WPPF and WWF for the year ended June 30 2009		11 841	10 967
<b>4 Gul Ahmed Energy Ltd.</b>			
Units Purchased	Mill kWh	81 412194	81 283575
Fuel cost	Mill Rs	746 448321	742 428848
Variable O & M	Mill Rs	36 000472	36 610122
Total Energy Purchase Price	Mill Rs	782 448793	779 038970
Capacity Purchase Price	Mill Rs	96 896494	98 340419
Total Cost	Mill Rs	879 345287	877 379389
Payment of WWF for the year ended June 30 2009		16 962300	-
Payment of WPPF for the year ended June 30 2009		42 406806	-
Total Cost		938 714393	877 379389
<b>RATE OF PURCHASE FROM GUL AHMED</b>			
Fuel cost	Rs/kWh	9 169	9 134
Variable O & M	Rs/kWh	0 442	0 450
Total Energy Purchase Price	Rs/kWh	9 611	9 584
Capacity Purchase Price	Rs/kWh	1 190	1 210
Total Cost	Rs/kWh	10 801	10 794
Adj of WPPF and WWF for the year ended June 30 2009		11 530	10 794
<b>5 NTDC/WAPDA</b>			
Units Imported	Mill kWh	315 970000	333 657000
Maximum Demand	MW	740	740
Use of system charges	Mill Rs	74 111000	74 111000
<b>Energy Transfer Charges</b>			
- Capacity Transfer charges	Mill Rs	573 088248	573 088248
- Energy Transfer Charges I	Mill Rs	1 515 422769	1 600 218972
- Energy Transfer Charges II	Mill Rs	159 636575	168 496785
Total Energy Transfer Charges	Mill Rs	2 248 147592	2 341 804005
Total Cost without GST	Mill Rs	2 322 258592	2 415 915005
GST @ 17%	Mill Rs	242 467643	272 037225
Total Cost With GST	Mill Rs	2 564 726235	2 687 952230
<b>RATE OF PURCHASE FROM NTDC</b>			
Use of system charges	Rs/kWh	0 235	0 222
<b>Energy Transfer Charges</b>			
- Capacity Transfer charges	Rs/kWh	1 814	1 718
- Energy Transfer Charges I	Rs/kWh	4 796	4 796
- Energy Transfer Charges II	Rs/kWh	0 505	0 505
Total Energy Transfer Charges	Rs/kWh	7 115	7 019
Total Cost without GST	Rs/kWh	7 350	7 241
GST @ 17%	Rs/kWh	0 767	0 815
Total Cost With GST	Rs/kWh	8 117	8 056

## Break of Cost of Power Purchases

DESCRIPTION		Jun-10	Jul-10	
<b>6</b>	<b><u>ANOUD Power</u></b>			
	Units Purchased	Mill kWh	6.087513	7.097031
	Energy Charges	Mill Rs	44.470500	51.056751
	Variable O & M	Mill Rs	9.691321	11.627066
	Total Cost	Mill Rs	54.161821	62.683817
	Gst @ 16%		8.665891	10.656249
			62.827712	73.340065
	<b><u>RATE OF PURCHASE FROM ANOUD POWER</u></b>			
	Energy Charges	Rs/kWh	7.305200	7.194100
	Variable O & M	Rs/kWh	1.592000	1.638300
	Total Cost	Rs/kWh	8.897200	8.832400
<b>7</b>	<b><u>DHA Co-gen</u></b>			
	Units Purchased	Mill kWh		
	Energy Charges-Fuel	Mill Rs		
	Variable O&M			
	Fixed Charges	Mill Rs		
	Total Cost	Mill Rs		
	<b><u>RATE OF PURCHASE FROM DHA CO-GEN</u></b>			
	Energy Charges	Rs/kWh		
	Variable O & M			
	Fixed Charges	Rs/kWh		
	Total Cost	Rs/kWh		
<b>8</b>	<b><u>IIL INDUSTRIES - Original Invoice</u></b>			
	Units Purchased	Mill kWh	7.990050	10.108939
	Fuel Cost	Mill Rs	29.938717	40.284122
	Variable and other charges	Mill Rs	12.712170	13.568285
	Differential due to increase in borrowing cost	Mill Rs	0.317285	0.351985
	Amount excluding GST	Mill Rs	42.968172	54.204391
	GST @ 17%	Mill Rs	6.874908	9.214747
	Amount payable with GST	Mill Rs	49.843079	63.419138
	<b><u>Rate of Purchahse from IIL Industries</u></b>			
	Fuel Cost	Rs/kWh	3.747000	3.985000
	Variable and other charges	Rs/kWh	1.591000	1.342207
	Differential due to increase in borrowing cost	Rs/kWh	0.039710	0.034819
	Rate excluding GST		5.377710	5.362026
	GST @ 17%		0.860434	0.911544
	Rate with GST		6.238144	6.273570
	<b><u>IIL Industries - Verified for Payment</u></b>			
	Units Purchased	Mill kWh	7.990050	10.108939
	Fuel Cost	Mill Rs	29.938717	37.878194
	Variable and other charges	Mill Rs	12.712170	14.699494
	Differential due to increase in borrowing cost	Mill Rs	0.317285	0.356307
	Amount excluding GST	Mill Rs	42.968172	52.933995
	GST @ 17%	Mill Rs	6.874908	8.998779
	Amount payable with GST	Mill Rs	49.843079	61.932774
	<b><u>Rate of Purchahse from IIL Industries</u></b>			
	Fuel Cost	Rs/kWh	3.747000	3.747000
	Variable and other charges	Rs/kWh	1.591000	1.454108
	Differential due to increase in borrowing cost	Rs/kWh	0.039710	0.035247
	Rate excluding GST		5.377710	5.236355
	GST @ 17%		0.860434	0.890180
	Rate with GST		6.238144	6.126536
	<b><u>IIL INDUSTRIES 4 MW- Original Invoice</u></b>			
	Units Purchased	Mill kWh	0.176944	0.265228
	Fuel Cost	Mill Rs	0.627974	0.941294
	Variable and other charges	Mill Rs	0.275325	0.412695
	Differential due to increase in borrowing cost	Mill Rs		
	Amount excluding GST	Mill Rs	0.903299	1.353989
	GST @ 17%	Mill Rs	0.144528	0.230178
	Amount payable with GST	Mill Rs	1.047827	1.584167
	<b><u>Rate of Purchahse from IIL Industries</u></b>			
	Fuel Cost	Rs/kWh	3.549000	3.549000
	Variable and other charges	Rs/kWh	1.556000	1.556000
	Differential due to increase in borrowing cost	Rs/kWh		
	Rate excluding GST		5.105000	5.105000
	GST @ 17%		0.816800	0.867850
	Rate with GST		5.921800	5.972850
	<b><u>IIL INDUSTRIES 4 MW- Verified for Payment</u></b>			
	Units Purchased	Mill kWh	0.176944	0.265228
	Fuel Cost	Mill Rs	0.627974	0.941294
	Variable and other charges	Mill Rs	0.275325	0.412695
	Differential due to increase in borrowing cost	Mill Rs		
	Amount excluding GST	Mill Rs	0.903299	1.353989
	GST @ 17%	Mill Rs	0.144528	0.230178
	Amount payable with GST	Mill Rs	1.047827	1.584167
	<b><u>Rate of Purchahse from IIL Industries</u></b>			
	Fuel Cost	Rs/kWh	3.549000	3.549000
	Variable and other charges	Rs/kWh	1.556000	1.556000
	Differential due to increase in borrowing cost	Rs/kWh		
	Rate excluding GST		5.105000	5.105000
	GST @ 17%		0.816800	0.867850
	Rate with GST		5.921800	5.972850

**Break of Cost of Power Purchases**

DESCRIPTION		Jun-10	Jul-10
<b>IIL INDUSTRIES COMBINED - Verified for Payment</b>			
Units Purchased	Mill kWh	8 166994	10 374167
Fuel Cost	Mill Rs	30.566692	38.819489
Variable and other charges	Mill Rs	12.987494	15.112188
Differential due to increase in borrowing cost	Mill Rs	0.317285	0.356307
Amount excluding GST	Mill Rs	43.871471	54.287984
GST @ 17%	Mill Rs	7.019435	9.228957
Amount payable with GST	Mill Rs	50.890906	63.516941
<b>RATE OF PURCHASE FROM IIL</b>			
Fuel Cost	Rs/kWh	3.742710	3.741938
Variable and other charges	Rs/kWh	1.590242	1.456713
Differential due to increase in borrowing cost	Rs/kWh	0.038850	0.034346
Rate excluding GST		5.371802	5.232997
GST @ 17%		0.859488	0.889609
Rate with GST		6.231290	6.122606
<b>9 KH FAMA</b>			
Units Purchased	Mill kWh		-
Total Cost	Mill Rs		-
<b>10 AGGREKO</b>			
Units Purchased	Mill kWh	33.467392	34.498720
Fuel Cost	Mill Rs	145.116618	152.914604
Fixed cost	Mill Rs	179.589150	186.010695
Total Cost	Mill Rs	324.705768	338.925299
Currency Adjustmet		0.073710	0.070200
Custom duty Payment		69.032203	
Mobilization Advance Payment		72.568557	4.535535
		466.380238	343.531034
<b>Rate of Purchase from AGGREKO</b>			
Fuel Cost	Rs/kWh	4.336060	4.432472
Fixed cost	Rs/kWh	5.366093	5.391814
Total Cost	Rs/kWh	9.702153	9.824286
Currency Adjustment		0.002202	0.002035
Custom duty Payment		2.062671	-
Mobilization Advance Payment		2.168336	0.131470
Total Cost		13.935362	9.957791
<b>11 ENGRO</b>			
Units Purchased	Mill kWh	0.050600	-
Fuel Cost	Mill Rs	0.168095	-
Variable O & M	Mill Rs	0.093523	-
Total Cost	Mill Rs	0.261618	-
GST @ 17%		0.026895	
GST @ 17%		0.014964	
Total Cost with GST		0.303477	
<b>RATE OF PURCHASE FROM ENGRO</b>			
Fuel Cost	Rs/kWh	3.322036	-
Variable O & M	Rs/kWh	1.848281	-
Total Cost	Rs/kWh	5.170316	-
<b>12 AL-ABBAS</b>			
Units Purchased	Mill kWh	7.834360	6.547138
Energy Charges	Mill Rs	55.122557	46.065663
Variable & Other charges	Mill Rs	0.783436	0.654714
Total Energy Purchase Price	Mill Rs	55.905993	46.720377
Capacity Purchase Price	Mill Rs	7.544535	7.407514
Total Cost	Mill Rs	63.450528	54.127891
Gst @ 16%		10.152084	9.201741
		73.602612	63.329632
<b>RATE OF PURCHASE FROM AL-ABBAS</b>			
Fuel cost	Rs/kWh	7.036	7.036
Variable O & M	Rs/kWh	0.100	0.100
Total Energy Purchase Price	Rs/kWh	7.136	7.136
Capacity Purchase Price	Rs/kWh	0.9630	1.131
Total Cost	Rs/kWh	8.099	8.267