



KARACHI ELECTRIC SUPPLY COMPANY LIMITED

KESC House, 39-B, Sunset Boulevard, Phase IV, DHA, Karachi, Pakistan
Phone: (92 21) 38709132 (7056) – Facsimile (92 21) 9920 5192

Ref. No. RA&SP/NEPRA/071/1058

Dated: March 20th, 2012

The Registrar
National Electric Power Regulatory Authority
2nd Floor, OPF Building, G-5/2
Islamabad

Subject: **MONTHLY FUEL COST ADJUSTMENT (FCA) DUE TO VARIATION IN FUEL AND POWER PURCHASE PRICE OF FEBRUARY 2013**

Dear Sir

This is with reference to fuel cost adjustment based on units sent out for the month of February 2013, as per tariff determination of 23rd December 2009.

The submission is based on the actual invoice of NTDC for the month of Feb-13. Further, the units sent out on Gas and Furnace oil at Bin Qasim Power Station haven been worked out in the ratio of actual units generated on Gas & F.Oil at BQPS-I and the cost is accounted for on the basis of notified prices.

Required Monthly Adjustment:

The results of February 2013 have been finalized and the summarized position is as under:

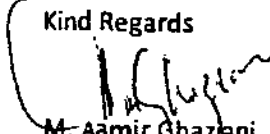
DESCRIPTION	Feb-2013/ (Over Dec-12)	
	(Mill. Rs.)	(Ps./kWh)
Fuel Price Variation	363.332	39.117
Power Purchase Price Variation	(9.117)	(0.981)
Total Fuel Costs Adjustment	354.216	38.135

Economic Dispatch Order

KESC dispatches as per Economic Merit Order from its own generating units (with the available fuel resources) and import from external sources. Further, it is certified that the cost of fuel and power purchase claimed does not include any amount of late payment surcharge/ markup/ interest. All the requisite details including generating statistic sheets and invoices are attached.

It is also requested to finalize the pending HRT reports of our generating stations and tariff determinations pending since June 2012 at the earliest, enabling us to incorporate the same.

Kind Regards


M. Aamir Ghazani
Director (C & A)

Copy to:
Secretary, M/o Water and Power, Islamabad
Mr. Sajjad Muhammad Qureshi, Director Tariff, NEPRA, Islamabad

Encls.

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

DESCRIPTION		Dec-12	Jan-13	Feb-13
1 MONTHLY ALLOWABLE ADJUSTMENT ON UNITS SENT OUT BASIS				
a. Monthly Variation in				
i Fuel Price	Mill Rs.	(291.075)	147.595	363.33
ii Power Purchase Price - Fuel component	Mill Rs.	327.778	959.806	(9.11)
iii Total Monthly Variation (I + II) - Dver Reference Tariff	Mill Rs.	36.704	1,107.400	354.21
b. Units Sent Out				
	Mill kWh	1,023.885	979.711	928.84
2 a Monthly Variation in FSA - due to				
i Fuel Price	Ps/kWh	(28.428)	15.065	39.11
ii Power Purchase Price - Fuel component	Ps/kWh	32.013	97.968	(0.98)
b Monthly increase/decrease to be passed to Consumers (i+ii)	Ps/kWh	3.585	113.033	38.13

Work Sheet- Fuel Price Variation

DESCRIPTION		Dec-12	Jan-13	Feb-13	
1 UNITS SENT OUT - KESC					
1a UNITS SENT OUT DN GAS					
i	Bin Qasim	Mill kWh	80.572	92.075	43.493
ii	Bin Qasim II - CCPP	Mill kWh	306.414	247.688	259.807
iii	Korangi Thermal	Mill kWh	(0.144)	(0.144)	(0.143)
iv	Korangi Gas 2	Mill kWh	2.617	4.494	7.533
v	Site Gas 2	Mill kWh	0.454	0.163	0.338
vi	Korangi combined	Mill kWh	21.852	7.553	39.672
	Total (i to viii)	Mill kWh	411.765	351.829	350.699
1b UNITS SENT OUT DN F. OIL					
i	Bin Qasim	Mill kWh	35.467	53.899	55.626
	Total (i to viii)	Mill kWh	35.467	53.899	55.626
1c TOTAL UNITS SENT DUT (1 + 2)					
i	Bin Qasim	Mill kWh	116.039	145.974	99.119
ii	Bin Qasim II - CCPP	Mill kWh	306.414	247.688	259.807
iii	Korangi Thermal	Mill kWh	(0.144)	(0.144)	(0.143)
iv	Korangi Gas 2	Mill kWh	2.617	4.494	7.533
v	Site Gas 2	Mill kWh	0.454	0.163	0.338
vi	Korangi combined	Mill kWh	21.852	7.553	39.672
	Total (i to vii)	Mill kWh	447.232	405.729	406.325
2 HEAT RATE AT BUS BAR					
2a Heat Rate of GAS - of item 1					
i	Bin Qasim	Btu/kWh	10,650	10,650	10,650
ii	Bin Qasim II - CCPP	Btu/kWh	12,163	12,163	12,163
iii	Korangi Thermal	Btu/kWh	13,738	13,738	13,738
iv	Korangi Gas 2	Btu/kWh	9,500	9,500	9,500
v	Site Gas 2	Btu/kWh	9,500	9,500	9,500
vi	Korangi combined	Btu/kWh	9,110	9,110	9,110
2b CONVERSION FACTOR F. OIL - of item 2					
i	Bin Qasim	Kg/kWh	0.264	0.264	0.264
ii	Korangi Thermal	Kg/kWh	0.340	0.340	0.340
3 FUEL PRICES					
a.	Fuel Prices- Gas (Rs/MMBTu)	Rs/MMBTu	487.00	515.23	515.23
b.	Fuel Price -F.O (Rs/Kg)	Rs/Kg	62,991	63,729	66,265
4 COST OF FUEL					
4a COST OF GAS					
i	Bin Qasim	Mill Rs	417.890	505.234	238.654
ii	Bin Qasim II - CCPP	Mill Rs	1,815.022	1,552.210	1,628.158
iv	Korangi Gas 2	Mill Rs	12.109	21.998	36.870
v	Site Gas 2	Mill Rs	2.099	0.796	1.652
vi	Korangi combined	Mill Rs	96.947	35.452	186.210
	Total (i to vii)	Mill Rs	2,344.067	2,115.690	2,091.544
4b COST OF FURNACE OIL					
i	Bin Qasim	Mill Rs	589.800	906.823	973.123
	Total (i to vii)	Mill Rs	589.800	906.823	973.123

Work Sheet- Fuel Price Variation

DESCRIPTION		Dec-12	Jan-13	Feb-13	
4c TOTAL COST OF FUEL					
i	Bin Qasim	Mill Rs	1,007.690	1,412.057	1,211.777
ii	Bin Qasim II - CCPP	Mill Rs	1,815.022	1,552.210	1,628.158
iv	Korangi Gas 2	Mill Rs	12.109	21.998	36.870
v	Site Gas 2	Mill Rs	2.099	0.796	1.652
vi	Korangi combined	Mill Rs	96.947	35.452	186.210
	Total	Mill Rs	2,933.868	3,022.514	3,064.666
5 COST OF FUEL PER KWH					
a	Bin Qasim	Rs/kWh	8.684	9.673	12.225
b	Bin Qasim II - CCPP	Rs/kWh	5.923	6.267	6.267
d	Korangi Gas 2	Rs/kWh	4.627	4.895	4.895
e	Site Gas 2	Rs/kWh	4.627	4.895	4.895
f	Korangi combined	Rs/kWh	4.437	4.694	4.694
6 INCREASE/DECREASE IN COST OF FUEL PER KWH					
a	Bin Qasim	Rs/kWh	(2.365)	0.989	3.541
b	Bin Qasim II - CCPP	Rs/kWh	-	-	-
d	Korangi Gas 2	Rs/kWh	(0.694)	0.268	0.268
e	Site Gas 2	Rs/kWh	(0.694)	0.268	0.268
f	Korangi combined	Rs/kWh	(0.665)	0.257	0.257
7 INCREASE / DECREASE IN FUEL COST OVER PREVIOUS MONTH					
a	Bin Qasim	Mill Rs	(274.413)	144.403	351.019
b	Bin Qasim II - CCPP	Mill Rs	-	-	-
d	Korangi Gas 2	Mill Rs	(1.815)	1.205	2.020
e	Site Gas 2	Mill Rs	(0.315)	0.044	0.091
f	Korangi combined	Mill Rs	(14.532)	1.942	10.203
	Total (a to g)	Mill Rs	(291.075)	147.595	363.332
8 INCREASE / DECREASE IN TARIFF TO BE PASSED IN THE MONTHLY BILLS					
a	Fuel price variation (item 7-h)	Mill Rs	(291.075)	147.595	363.332
b	Units Sent Out - KE5C	Mill kWh	447.232	405.729	406.325
c	Power Purchase	Mill kWh	576.653	573.982	522.521
d	Total Units Sent Out (b + c)	Mill kWh	1,023.885	979.711	928.846
e	Increase / Decrease in Tariff (8a / 8d x 100) To be passed on to the consumers - FSA	Ps/kWh	(28.428)	15.065	39.117
9 INCREASE / DECREASE IN REVENUE					
a	Units Sold	Mill kWh	829.347	793.566	752.365
b	Increase / Decrease in Tariff	Ps/kWh	(28.428)	15.065	39.117
c	Increase / Decrease in Revenue (9a / 9b x 100)	Mill Rs	(235.771)	119.552	294.299
d	Unrecovered Cost due to 21% T&D loss		(55.304)	28.043	69.033
10 INCREASE / DECREASE IN TARIFF TO BE ADJUSTED ON QUARTERLY BASIS					
a	Fuel price variation - item 8a	Mill Rs	(291.075)	147.595	363.332
b	Units Sent Out - KE5C	Mill kWh	447.232	405.729	406.325
c	Power Purchase	Mill kWh	576.653	573.982	522.521
d	Total Units Sent Out	Mill kWh	1,023.885	979.711	928.846
e	Trans & Dist Losses		19%	19%	19%
f	Units Sold (10d - 10e)	Mill kWh	829.347	793.566	752.365

Work Sheet- Power Purchase Cost Variation

DESCRIPTION		Dec-12	Jan-13	Feb-13	
1 POWER PURCHASES					
a	KANUPP	Mill kWh	55.001	25.653	25.532
b	PASMIC	Mill kWh	0.434	0.215	0.391
c	TAPAL	Mill kWh	36.413	54.378	56.951
d	GUL AHMED	Mill kWh	21.440	19.019	15.709
e	NTDC/WAPDA	Mill kWh	451.450	463.153	413.255
f	ANOUD POWER	Mill kWh	5.409	5.541	4.862
h	INT IND (IIL)	Mill kWh	6.506	6.023	5.821
m	TOTAL	Mill kWh	576.653	573.982	522.521
			78.3%	80.7%	
2 COST OF POWER PURCHASE - FUEL COST					
a	KANUPP	Mill Rs	308.392	170.866	170.558
b	PASMIC	Mill Rs	2.435	1.429	2.613
c	TAPAL	Mill Rs	513.366	772.752	833.842
d	GUL AHMED	Mill Rs	312.980	280.475	239.342
e	NTDC/WAPDA	Mill Rs	4,043.063	4,887.900	3,435.160
f	ANOUD POWER	Mill Rs	59.322	62.160	55.833
h	INT IND (IIL)	Mill Rs	30.055	29.433	28.474
m	TOTAL	Mill Rs	5,269.613	6,205.016	4,765.821
3 COST OF POWER PURCHASE- Fuel Cost/kWh					
a	KANUPP	Rs/kWh	5.607	6.661	6.680
b	PASMIC	Rs/kWh	5.607	6.661	6.680
c	TAPAL	Rs/kWh	14.098	14.211	14.641
d	GUL AHMED	Rs/kWh	14.598	14.747	15.236
	IPPs (Tapal + Gul)	Rs/kWh	14.283	14.350	14.770
e	NTDC/WAPDA	Rs/kWh	8.956	10.554	8.312
f	ANOUD POWER	Rs/kWh	10.968	11.217	11.483
h	INT IND (IIL)	Rs/kWh	4.620	4.887	4.892
m	AVERAGE	Rs/kWh	9.138	10.810	9.121
4 INCREASE / DECREASE IN FUEL COMPONENT OF POWER PURCHASE - TO BE PASSED IN THE MONTHLY BILLS					
a	Average Monthly Fuel cost of Power	Rs/kWh	9.138	10.810464	9.121
b	Reference Rate - Previous Month	Rs/kWh	8.570	9.138277	9.138
c	Increase / Decrease in Average Rate of I	Rs/kWh	0.568	1.672	(0.017)
d	Total Power Purchase (Item 1m)	Mill kWh	576.653	573.982	522.521
e	Increase / Decrease in Fuel Cost of Pow	Mill Rs	327.778	959.806	(9.117)
5 INCREASE / DECREASE IN TARIFF TO BE PASSED IN THE MONTHLY BILLS					
a	Fuel price variation in cost of power purchase (Item 4e)		327.778	959.806	(9.117)
b	Units Sent Out - KESC	Mill kWh	447.232	405.729	406.325
c	Power Purchase	Mill kWh	576.653	573.982	522.521
d	Total Units Sent Out (b + c)	Mill kWh	1,023.885	979.711	928.846
e	Increase / Decrease in Tariff (5a / 5d x 100)				
	To be passed on to the consumers - FS	Ps/kWh	32.013	97.968	(0.981)
6 INCREASE / DECREASE IN REVENUE					
a	Units Sold	Mill kWh	829.347	793.566	752.365
b	Increase / Decrease in Tariff (item 5e)	Ps/kWh	32.013	97.968	(0.981)
c	Increase / Decrease in Revenue (6a / 6l)	Mill Rs	265.501	777.443	(7.384)
d	Accumulated increase / decrease in rev	Mill Rs	141.535	777.443	770.058
e	Unrecovered Cost due to 21% T&D loss	Mill Rs			

Work Sheet- Power Purchase Cost Variation

DESCRIPTION		Dec-12	Jan-13	Feb-13	
7 O&M PAYMENT					
a	KANUPP	Mill Rs	30.800	14.366	14.298
b	PASMIC	Mill Rs	0.664	0.328	0.598
c	TAPAL	Mill Rs	32.018	50.288	52.668
d	GUL AHMED	Mill Rs	11.005	10.268	8.481
e	NTDC/WAPDA	Mill Rs	775.370	788.303	773.425
f	ANDUD POWER	Mill Rs	9.180	9.405	8.253
h	INT IND (IIL)	Mill Rs	9.720	9.058	8.726
m	TOTAL	Mill Rs	868.757	882.018	866.450
8 O&M PAYMENT (Rs/kWh)					
a	KANUPP	Rs/kWh	0.560	0.560	0.560
b	PASMIC	Rs/kWh	1.529	1.529	1.529
c	TAPAL	Rs/kWh	0.879	0.925	0.925
d	GUL AHMED	Rs/kWh	0.513	0.540	0.540
e	NTDC/WAPDA	Rs/kWh	1.718	1.702	1.872
f	ANDUD POWER	Rs/kWh	1.697	1.697	1.697
h	INT IND (IIL)	Rs/kWh	1.494	1.504	1.499
m	TOTAL	Rs/kWh	1.507	1.537	1.658
n	Variation over Base Rate	Rs/kWh	0.171	0.030	0.152
o	Variation over Base Rate (8a*1m)	Mill Rs	98.857	17.283	79.246
9 CAPACITY PAYMENT					
c	TAPAL	Mill Rs	122.539	126.993	126.993
d	GUL AHMED	Mill Rs	111.250	115.960	115.960
m	TOTAL	Mill Rs	233.789	242.953	242.953
10 CAPACITY PAYMENT (Rs/ kWh)					
c	TAPAL	Mill Rs	3.365	2.335	2.230
d	GUL AHMED	Mill Rs	5.189	6.097	7.382
m	TOTAL	Mill Rs	0.405	0.423	0.465
n	Variation over Base Rate	Rs/kWh	0.079	0.018	0.060
o	Variation over Base Rate (10n*1m)	Mill Rs	45.364	10.247	31.111
11 TOTAL O&M & CAPACITY PAYMENT					
a	KANUPP	Mill Rs	30.800	14.366	14.298
b	PASMIC	Mill Rs	0.664	0.328	0.598
c	TAPAL	Mill Rs	154.557	177.282	179.661
d	GUL AHMED	Mill Rs	122.255	126.228	124.441
e	NTDC/WAPDA	Mill Rs	775.370	788.303	773.425
f	ANDUD POWER	Mill Rs	9.180	9.405	8.253
h	INT IND (IIL)	Mill Rs	9.720	9.058	8.726
m	TOTAL	Mill Rs	1,102.546	1,124.970	1,109.403
12 TOTAL COST WITH O&M AND CAPACITY PAYMENT					
a	KANUPP	Mill Rs	339.193	185.232	184.856
b	PASMIC	Mill Rs	3.099	1.758	3.211
c	TAPAL	Mill Rs	667.922	950.034	1,013.503
d	GUL AHMED	Mill Rs	435.236	406.703	363.783
e	NTDC/WAPDA	Mill Rs	4,818.433	5,676.202	4,208.586
f	ANDUD POWER	Mill Rs	68.502	71.565	64.086
h	INT IND (IIL)	Mill Rs	39.775	38.492	37.201
m	TOTAL	Mill Rs	6,372.159	7,329.986	5,875.224

Work Sheet- Power Purchase Cost Variation

DESCRIPTION	Dec-12	Jan-13	Feb-13
13 COST OF POWER PURCHASE- TOTAL Cost/kWh			
a KANUPP	Rs/kWh 6.167	7.221	7.240
b PASMIC	Rs/kWh 7.136	8.190	8.209
c TAPAL	Rs/kWh 18.343	17.471	17.796
d GUL AHMED	Rs/kWh 20.300	21.384	23.158
e NTDC/WAPDA	Rs/kWh 10.673	12.256	10.184
f ANOUO POWER	Rs/kWh 12.665	12.915	13.180
h INT IND (IIL)	Rs/kWh 6.114	6.391	6.391
m AVERAGE	Rs/kWh 11.050	12.770	11.244
14 INCREASE / DERCREASE IN POWER PURCHASE COST - TOTAL			
a Aerge Monthly cost of Power Purcl	Rs/kWh 11.050	12.770	11.244
b Reference Rate - Previous Month	Rs/kWh 10.232	11.050	11.050
c Increase / Decrease in Average Rate of I	Rs/kWh 0.819	1.720	0.194
d Total Power Purchase (Item 1m)	Mill kWh 576.653	573.982	522.521
e Increase / Decrease in Total Cost of Pow	Mill Rs 471.999	987.336	101.240
f Adjustment in cost of KANUPP			
g Unrecovered cost Previous Quarter			
h Total (e+f+g)	471.999	987.336	101.240
15 INCREASE / DERCREASE IN TARIFF TO BE ADJUSTED ON QUARTERLY BASIS			
a Total price variation in cost of power pu	Mill Rs 471.999	987.336	101.240
Units Sent Out			
b KESC	Mill kWh 447.232	405.729	406.325
c Power Purchase	Mill kWh 576.653	573.982	522.521
d Total Units Sent Out (b+c)	Mill kWh 1,023.885	979.711	928.846
e Trans & Dist Losses	19.0%	19.0%	19.0%
f Units Sold (15d-15e)	Mill kWh 829.347	793.566	752.365
g Increase / Decrease in Tariff			
h Power Purchase (15a/15f)	Ps/kWh 56.912	124.418	13.456
16 INCREASE / DERCREASE IN REVENUE			
a Units Sold (Item 15f)	Mill kWh 829.347	793.566	752.365
b Increase / Decrease in Tariff (Item 15h)	Ps/kWh 56.912	124.418	13.456
c Increase / Decrease in Revenue (a*b)	Mill Rs 471.999	987.336	101.240
d Accumulated increase / decrease in rev	Mill Rs 721.604	987.336	1,088.576

Vendor	Pstng Date	Mat. Doc.	EUn	Quantity	Amount in LC
BYCO	28.02.2013	5000118574	MT	990	67,194,414.73
BYCO	28.02.2013	5000118704	MT	1,497	101,609,872.45
BYCO	28.02.2013	5000118760	MT	1,004	68,154,742.24
BYCO	28.02.2013	5000118576	MT	999	67,808,883.14
BYCO	28.02.2013	5000118577	MT	1,996	135,502,027.37
BYCO	28.02.2013	5000118575	MT	994	67,494,317.67
BYCO	28.02.2013	5000118573	MT	490	33,241,709.02
BYCO	20.02.2013	5000116807	MT	999	65,818,845.26
BYCO	20.02.2013	5000116806	MT	998	65,748,946.74
BYCO	12.02.2013	5000116256	MT	994	65,502,819.62
BYCO	12.02.2013	5000116255	MT	486	31,986,775.33
BYCO	09.02.2013	5000116116	MT	1,504	99,095,152.77
BYCO	09.02.2013	5000116117	MT	1,491	98,212,296.90
BYCO	09.02.2013	5000116115	MT	955	62,933,110.19
				15,397	1,030,303,913.43

PSO & BYCO				Mton	PKR
Opening as at Jan' 13				4,141.6	267,068,541
Purchases Feb' 13				15,397	1,030,303,913
BQ04	18.02.2013	4900606469	MT	(195.17)	(12,760,214.23)
BQ04	18.02.2013	4900606470	MT	(5,435.11)	(355,347,481.51)
BQ04	18.02.2013	4900606471	MT	(791.13)	(51,724,077.90)
BQ04	28.02.2013	4900611169	MT	(2,298.69)	(153,782,853.50)
BQ04	28.02.2013	4900611170	MT	(578.83)	(38,723,851.02)
BQ04	28.02.2013	4900611171	MT	(6,075.64)	(406,461,617.72)
Consumption Feb' 13				(15,374.570)	(1,018,800,095.9)
Closing as at Feb' 13				4,164	278,572,358
				4,164	278,572,358
				(0)	

Feb-13

Description	MMBTU (As per Bills)	Cubic Meters	GCV AS PER BILLS	GCV AS PER BTU's ON BILLS	MMCF	MMCFD	BTU/CF	MMBTUs	Amount excluding Meter rent	GID-CESS Ra.	Meter rent	Total SSGC	Ru/MMBTU
BIN QASIM													
Bin Qasim Power Station (1)	77,498,9742	2,327,008	938,280	938,28214	82,597	2,950	2,750,735	77,498,988	37,837,324	2,092,472	2,500	39,932,298	488.23
Bin Qasim Power Station (2)	62,808,7326	2,480,487	938,280	938,28214	88,843	3,144	2,832,100	62,808,54	40,332,092	2,230,438	2,500	42,564,988	488.23
Bin Qasim Power Station (3)	79,881,9901	2,392,015	938,288	938,28214	84,902	3,832	2,827,509	79,881,81	38,893,373	2,150,874	2,500	41,048,747	488.23
Bin Qasim Power Station (4)	78,857,8272	2,391,890	938,288	938,28214	84,898	3,032	2,827,381	79,887,85	38,881,341	2,150,781	2,500	41,044,802	488.23
Bin Qasim Power Station (5)	83,538,3787	2,508,440	938,288	938,28214	89,034	3,180	2,965,130	83,538,14	48,788,405	2,255,582	2,500	43,044,487	488.23
Bin Qasim Power Station (6)	77,370,7585	2,323,218	938,280	938,28214	82,460	2,945	2,748,184	77,370,58	37,774,724	2,088,010	2,500	39,866,234	488.23
Total	480,337,8073	14,423,124	938,2800	938,28214	511,93	18,51	17,048,019	480,338,5102	234,515,229	12,989,115	15,000	247,499,344	488.23

BIN QASIM COMBINED CYCLE POWER PLANT

Bin Qasim Power Station (7)	430,519,8023	12,927,238	938,280	938,28214	458,838	16,387	15,289,788	430,518,82	210,192,585	11,874,629	2,500	221,819,114	488.23
Bin Qasim Power Station (8)	434,835,3102	13,056,824	938,288	938,28214	483,438	18,551	15,433,969	434,834,32	212,299,844	11,740,553	2,500	224,042,897	488.23
Bin Qasim Power Station (9)	451,878,8728	13,568,582	938,288	938,28214	481,602	17,200	18,038,910	451,877,84	220,820,822	12,200,730	2,500	232,824,052	488.23
Bin Qasim Power Station (10)	464,722,8229	13,954,252	938,280	938,28214	495,291	17,689	18,494,784	464,721,56	228,891,528	12,547,511	2,500	239,441,537	488.23
Bin Qasim Power Station (11)	490,206,9732	14,719,472	938,288	938,28214	522,452	18,859	17,399,321	490,205,85	239,333,751	13,235,588	2,500	252,571,839	488.23
Total	2,272,163,3814	88,228,378	938,280	938,28214	2,421,8200	78,117	80,847,773	2,272,158,19	1,109,338,328	61,348,411	12,500	1,170,899,239	488.23

KORANGI THERMAL POWER STATION

Korangi Thermal Power Station			987,810	#01V/01					18,483		3,000	19,483	#01V/01
-------------------------------	--	--	---------	---------	--	--	--	--	--------	--	-------	--------	---------

KORANGI OWN GAS TURBINE-II

Korangi Town Gas Turbine	74,138,1247	2,312,144	903,588	903,56071	82,067	2,931	2,831,379	74,138,07	38,185,480	2,001,875	3,000	38,200,155	488.23
--------------------------	-------------	-----------	---------	-----------	--------	-------	-----------	-----------	------------	-----------	-------	------------	--------

SITE GAS TURBINE-II

Site Gas Turbine	4,783,0602	145,138	928,480	928,48928	5,151	0,184	169,770	4,783,00	2,335,233	129,143	3,000	2,487,376	488.23
Site Gas Turbine - 2	3,841,8781	116,977	928,490	928,48936	4,138	8,148	136,363	3,841,88	1,875,728	103,731	2,500	1,981,951	488.23
Total	8,624,9383	262,113	928,488	928,48929	9,2892	8,300	306,133	8,624,94	4,210,963	232,874	5,500	4,449,327	488.23

KORANGI COMBINED CYCLE

Korangi Thermal Power Station (KTPS 1)	169,941,7008	4,860,922	987,010	987,01071	172,178	6,149	8,031,890	169,941,58	82,970,638	4,568,428	2,500	87,561,562	488.23
Korangi Thermal Power Station (KTPS 2)	174,184,9364	4,969,780	987,010	987,01071	176,396	6,300	8,179,660	174,184,81	85,003,253	4,700,833	2,500	89,708,586	488.23
Total	344,046,8370	9,829,682	987,010	987,01071	348,574	11,244	12,211,558	344,046,39	187,973,899	9,288,269	5,000	177,288,148	488.23

Total	3,179,308,8887	95,044,039	942,439	942,44085	3,373,4842	120,482	112,845,8518	3,179,302,1813	1,552,256,342	85,841,334	44,000	1,638,135,676	488.24
--------------	-----------------------	-------------------	----------------	------------------	-------------------	----------------	---------------------	-----------------------	----------------------	-------------------	---------------	----------------------	---------------