



THE KARACHI ELECTRIC SUPPLY COMPANY LTD.

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Ref.: No.CMF/NEPRA/071/362

Dt.: October 22, 2010

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

SALT
2

Dear Sir

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

This is further to our letter no. CMF/NEPRA/071/351 dated 14th October, 2010, wherein the requisite data for the required monthly fuel surcharge adjustment based on units sent out (without taking into account the effect of T&D losses) for September 2010 was submitted.

It was stated that the cost of power purchase from NTDC for September 2010 has been taken on a provisional basis as the invoice for September 2010 was not received till then. The invoice for September 2010 dated 19th October, 2010 has been received from NTDC on 20th October 2010. The fuel component of cost of power purchase from NTDC previously taken at Rs 1,638,003,552 has now increased to Rs 1,775,568,626.

Required Monthly Adjustment:

Similarly the required monthly adjustment in fuel surcharge adjustment based on units sent out for September 2010 is now as follows;

DESCRIPTION	September 10 (Over June 2010)	September 10 - Revised (Over June 2010)
Fuel Price Variation	34.652	34.652
Power Purchase Price Variation	(59.681)	(49.510)
Total Variation	(25.029)	(14.858)

The revised statements have been enclosed for your review and reference.

Best Regards

for Abdul Rauf Yousuf
Director (RA & SP)

For information & r/a pk
- DE (Tariff)
- SA (Tariff)
- Div (Tariff)

Copy to:

Sajjad Muhammad Qureshi, Director Tariff, NEPRA, Islamabad

cc: charma

Registrar
Dy. No. 9096
Dated: 25.10.10

K. E. S. C. LTD

SUMMARY OF REQUIRED ADJUSTMENT ON ACCOUNT OF VARIATION IN COST OF FUEL AND POWER PURCHASES

DESCRIPTION	Sep-10
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1 MONTHLY ALLOWABLE ADJUSTMENT ON UNITS SENT OUT BASIS

a. Monthly Variation in			
I Fuel Price	Mill Rs.		468.643
II Power Purchase Price - Fuel component	Mill Rs.		(669.582)
III Total Monthly Variation (I + II) - Over Reference Tariff	Mill Rs.		(200.939)
b. Units Sent Out	Mill kWh		1,352.427

2 a. Monthly Variation in FSA - due to			
I Fuel Price	Ps/kWh		34.652
II Power Purchase Price - Fuel component	Ps/kWh		(49.510)
b Monthly Increase/decrease to be passed to Consumers (I+II)	Ps/kWh		(14.858)
c Units Sold at 2.3% T&D losses	Mill kWh		1,041.369
d Increase/ Decrease in Revenue due to FSA	Mill Rs.		(154.723)

3 MONTHLY SHORTFALL/(SURPLUS) IN REVENUE (1aIII -2d)	Mill Rs.		(46.216)
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Work Sheet- Fuel Price Variation

DESCRIPTION	Jun-10	Jul-10	Aug-10	Sep-10	
1 UNITS SENT OUT - KESC					
1a UNITS SENT OUT ON GAS					
i Bin Qasim	Mill kWh	297.753	306.558	278.310	233.482
ii Korangi Thermal	Mill kWh	39.008	40.300	38.690	35.580
iii Korangi Gas 1	Mill kWh	-	-	-	-
iv Korangi Gas 2	Mill kWh	58.209	61.308	61.443	59.268
v Site Gas 1	Mill kWh	-	-	-	-
vi Site Gas 2	Mill kWh	-	-	-	-
vii Korangi combined	Mill kWh	58.825	60.614	60.770	57.995
viii Total (i to vii)	Mill kWh	99.814	112.019	122.568	120.279
	Mill kWh	553.409	580.799	559.780	506.605
1b UNITS SENT OUT ON F. OIL					
i Bin Qasim	Mill kWh	312.182	354.739	193.675	166.845
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	193.675	166.845
1c TOTAL UNITS SENT OUT (1 + 2)					
i Bin Qasim	Mill kWh	609.935	661.297	489.985	400.327
ii Korangi Thermal	Mill kWh	39.008	40.300	38.690	35.580
iii Korangi Gas 1	Mill kWh	-	-	-	-
iv Korangi Gas 2	Mill kWh	58.209	61.308	61.443	59.268
v Site Gas 1	Mill kWh	-	-	-	-
vi Site Gas 2	Mill kWh	-	-	-	-
vii Korangi combined	Mill kWh	58.825	60.614	60.770	57.995
viii Total (i to vii)	Mill kWh	99.814	112.019	122.568	120.279
	Mill kWh	865.591	935.539	753.455	673.450
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	10,650
ii Korangi Thermal	Btu/kWh	13,738	13,738	13,738	13,738
iii Korangi Gas 1	Btu/kWh	17,039	17,039	17,039	17,039
iv Korangi Gas 2	Btu/kWh	9,600	9,600	9,600	9,600
v Site Gas 1	Btu/kWh	17,039	17,039	17,039	17,039
vi Site Gas 2	Btu/kWh	10,000	10,000	10,000	10,000
vii Korangi combined	Btu/kWh	9,110	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	0.264
ii Korangi Thermal	Kg/kWh	0.340	0.340	0.340	0.340
3 FUEL PRICES					
a. Fuel Prices- Gas (Rs/MMBTu)					
b. Fuel Price -F.O (Rs/Kg)					
	Ra/MMBTu	393.790	393.79	393.79	393.79
	Ra/Kg	27.266	28.544	41.046	40.502
4 COST OF FUEL					
4a COST OF GAS					
i Bin Qasim	Mill Rs	1,248.736	1,285.659	1,158.807	979.191
ii Korangi Thermal	Mill Rs	211.029	218.020	209.306	192.486
iii Korangi Gas 1	Mill Rs	-	-	-	-
iv Korangi Gas 2	Mill Rs	217.761	229.352	229.858	221.724
v Site Gas 1	Mill Rs	-	-	-	-
vi Site Gas 2	Mill Rs	-	-	-	-
vii Korangi combined	Mill Rs	230.858	238.691	239.307	228.378
viii Total (i to vii)	Mill Rs	358.077	401.859	439.704	431.493
	Mill Rs	2,268.460	2,373.580	2,276.981	2,053.272
4b COST OF FURNACE OIL					
i Bin Qasim	Mill Rs	2,247.185	2,673.172	2,098.626	1,783.978
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	2,673.172	2,098.626	1,783.978
4c TOTAL COST OF FUEL					
i Bin Qasim	Mill Rs	3,495.921	3,958.831	3,267.433	2,763.168
ii Korangi Thermal	Mill Rs	211.029	218.020	209.306	192.486
iii Korangi Gas 1	Mill Rs	-	-	-	-
iv Korangi Gas 2	Mill Rs	217.761	229.352	229.858	221.724
v Site Gas 1	Mill Rs	-	-	-	-
vi Site Gas 2	Mill Rs	-	-	-	-
vii Korangi combined	Mill Rs	230.858	238.691	239.307	228.378
viii Total	Mill Rs	388.077	401.859	439.704	431.493
	Mill Rs	4,513.646	5,046.762	4,376.607	3,837.249

Work Sheet- Fuel Price Variation

DESCRIPTION

Jun-10

Jul-10

Aug-10

Sep-10

5 COST OF FUEL PER KWH

- a Bin Qasim
- b Korangi Thermal
- c Korangi Gas 1
- d Korangi Gas 2
- e Site Gas 1
- f Site Gas 2
- g Korangi combined

Rs/kWh
Rs/kWh
Rs/kWh
Rs/kWh
Rs/kWh
Rs/kWh
Rs/kWh

5.732	5.986	6.931	6.902
5.410	5.410	5.410	5.410
6.710	6.710	6.710	6.710
3.741	3.741	3.741	3.741
-	-	-	-
3.938	3.938	3.938	3.938
3.587	3.587	3.587	3.587

6 INCREASE/DECREASE IN COST OF FUEL PER KWH

- a Bin Qasim
- b Korangi Thermal
- c Korangi Gas 1
- d Korangi Gas 2
- e Site Gas 1
- f Site Gas 2
- g Korangi combined

Rs/kWh
Rs/kWh
Rs/kWh
Rs/kWh
Rs/kWh
Rs/kWh
Rs/kWh

(0.637)	0.255	1.199	1.171
-	-	0.000	0.000
-	-	-	-
-	-	0.000	0.000
-	-	-	-
-	-	0.000	0.000
-	-	0.000	0.000

7 INCREASE / DECREASE IN FUEL COST OVER PREVIOUS MONTH

- a Bin Qasim
- b Korangi Thermal
- c Korangi Gas 1
- d Korangi Gas 2
- e Site Gas 1
- f Site Gas 2
- g Korangi combined
- h Total (a to g)

Mill Rs
Mill Rs
Mill Rs
Mill Rs
Mill Rs
Mill Rs
Mill Rs
Mill Rs

(388.637)	168.518	563.653	468.643
-	-	0.000	0.000
-	-	-	-
-	-	0.000	0.000
-	-	-	-
-	-	0.000	0.000
-	-	0.000	0.000
(388.637)	168.518	563.653	468.643

8 INCREASE / DECREASE IN TARIFF TO BE PASSED IN THE MONTHLY BILLS

- a Fuel price variation (Item 7-h)
- b Units Sent Out - KESC
- c Power Purchase
- d Total Units Sent Out (b + c)
- e Increase / Decrease in Tariff (8a / 8d x 100)
To be passed on to the consumers - FSA

Mill Rs
Mill kWh
Mill kWh
Mill kWh
Ps/kWh

(388.637)	168.518	563.653	468.643
865.591	935.539	753.455	673.450
579.521	570.999	684.519	678.977
1,445.111	1,506.538	1,437.975	1,352.427
(26.893)	11.186	39.198	34.652

9 INCREASE / DECREASE IN REVENUE

- a Units Sold
- b Increase / Decrease in Tariff
- c Increase / Decrease in Revenue (9a / 9b x 100)
- d Accumulated Increase / decrease in revenue

Mill kWh
Ps/kWh
Mill Rs
Mill Rs

1,083.834	1,160.034	1,107.240	1,041.369
(26.893)	11.186	39.198	34.652
(291.478)	129.759	434.013	360.855
(533.898)	129.759	563.772	924.627

Work Sheet- Power Purchase Cost Variation

DESCRIPTION	Jun-10	Jul-10	Aug-10	Sep-10
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1 POWER PURCHASES

- a KANUPP
- b PASMIC
- c TAPAL
- d GUL AHMED
- e NTDC/WAPDA
- f ANOUD POWER
- g DHA CO-GEN
- h INT IND (IIL)
- i KH FAMA
- j AGGREKO
- k ENGRO
- l AL-ABBAS
- m TOTAL

Mill kWh	47.158848	11.471328	44.739552	53.465280
Mill kWh	4.554444	4.458492	8.059516	8.333688
Mill kWh	74.818200	81.612000	67.080700	61.043500
Mill kWh	81.412194	81.283575	71.395334	61.214895
Mill kWh	315.970000	333.657000	432.031000	434.855000
Mill kWh	6.087513	7.097031	6.508505	6.202188
Mill kWh	-	-	-	-
Mill kWh	8.166994	10.374167	9.513069	9.898423
Mill kWh	-	-	-	-
Mill kWh	33.467392	34.498720	36.127904	35.237886
Mill kWh	0.050600	-	1.080858	-
Mill kWh	7.834360	6.547138	7.982864	8.726156
Mill kWh	579.520545	570.999451	684.519302	678.977016

2 COST OF POWER PURCHASE - FUEL COST

- a KANUPP
- b PASMIC
- c TAPAL
- d GUL AHMED
- e NTDC/WAPDA
- f ANOUD POWER
- g DHA CO-GEN
- h INT IND (IIL)
- i KH FAMA
- j AGGREKO
- k ENGRO
- l AL-ABBAS
- m TOTAL

Mill Rs	259.965	65.333	278.762	336.249
Mill Rs	25.107	25.393	50.217	52.411
Mill Rs	674.021	723.232	613.569	562.305
Mill Rs	748.448	742.429	678.946	577.092
Mill Rs	1,675.059	1,539.037	1,627.366	1,775.569
Mill Rs	44.470	51.057	47.621	44.871
Mill Rs	-	-	-	-
Mill Rs	30.567	38.819	35.579	36.960
Mill Rs	-	-	-	-
Mill Rs	145.117	152.915	158.161	155.328
Mill Rs	0.168	-	3.515	-
Mill Rs	55.123	46.066	66.896	73.125
Mill Rs	3,656.046	3,384.280	3,558.632	3,613.909

3 COST OF POWER PURCHASE- Fuel Cost/kWh

- a KANUPP
- b PASMIC
- c TAPAL
- d GUL AHMED
- e NTDC/WAPDA
- f ANOUD POWER
- g DHA CO-GEN
- h INT IND (IIL)
- i KH FAMA
- j AGGREKO
- k ENGRO
- l AL-ABBAS
- m AVERAGE

Ra/kWh	5.513	5.695	6.231	6.289
Ra/kWh	5.513	5.695	6.231	6.289
Ra/kWh	9.009	8.862	9.147	9.212
Ra/kWh	9.169	9.134	9.482	9.427
Ra/kWh	5.301	4.613	3.787	4.083
Ra/kWh	7.305	7.194	7.317	7.235
Ra/kWh	-	-	-	-
Ra/kWh	3.743	3.742	3.740	3.734
Ra/kWh	-	-	-	-
Ra/kWh	4.336	4.432	4.378	4.408
Ra/kWh	3.322	-	3.252	-
Ra/kWh	7.036	7.036	8.380	8.380
Ra/kWh	6.309	5.927	5.199	5.323

4 INCREASE / DECREASE IN FUEL COMPONENT OF POWER PURCHASE - TO BE PASSED IN THE MONTHLY BILLS

- a Average Monthly Fuel cost of Power Purchase (Item 3m)
- b Reference Rate - Previous Month
- c Increase / Decrease in Average Rate of Power Purchase (4a-4b)
- d Total Power Purchase (Item 1m)
- e Increase / Decrease in Fuel Cost of Power Purchase (4c*4d)

Ra/kWh	6.309	5.927	5.199	5.323
Ra/kWh	6.671	6.309	6.309	6.309
Ra/kWh	(0.362)	(0.382)	(1.110)	(0.986)
Mill kWh	579.521	570.999	684.519	678.977
Mill Rs	(209.670)	(218.008)	(759.823)	(669.582)

5 INCREASE / DECREASE IN TARIFF TO BE PASSED IN THE MONTHLY BILLS

- a Fuel price variation in cost of power purchase (Item 4a)
- b Units Sent Out - KESC
- c Power Purchase
- d Total Units Sent Out (b + c)
- e Increase / Decrease in Tariff (5a / 5d x 100)
To be passed on to the consumers - FSA

Mill kWh	(209.670)	(218.008)	(759.823)	(669.582)
Mill kWh	865.591	935.539	753.455	673.450
Mill kWh	579.521	570.999	684.519	678.977
Mill kWh	1,445.111	1,506.538	1,437.975	1,352.427
Pa/kWh	(14.509)	(14.471)	(52.840)	(49.510)

6 INCREASE / DECREASE IN REVENUE

- a Units Sold
- b Increase / Decrease in Tariff (Item 5e)
- c Increase / Decrease in Revenue (5a / 5b x 100)
- d Accumulated increase / decrease in revenue

Mill kWh	1,083.834	1,160.034	1,107.240	1,041.369
Pa/kWh	(14.509)	(14.471)	(52.840)	(49.510)
Mill Rs	(157.252)	(167.866)	(585.064)	(515.578)
Mill Rs	(129.861)	(167.866)	(752.930)	(1,268.508)

Break of Cost of Power Purchases

DESCRIPTION		Jun-10	Jul-10	Aug-10	Sep-10
1 KANUPP					
Units Purchased	Mill kWh	47.158848	11.471328	44.739552	53.465280
Fuel Cost	Mill Rs	259.965462	65.333113	278.761867	336.249027
Variable O & M	Mill Rs	17.559125	4.271234	16.658325	19.907262
Total Cost	Mill Rs	277.524587	69.604347	295.420192	356.156289
Adjustment of Jul-Mar 2010 increase in fixed cost		-	-	-	-
		277.524587	69.604347	295.420192	356.156289
RATE OF PURCHASE FROM KANUPP					
Fuel Cost	Rs/kWh	5.512549	5.695340	6.230770	6.289110
Variable O & M	Rs/kWh	0.372340	0.372340	0.372340	0.372340
Total Cost	Rs/kWh	5.884889	6.067680	6.603110	6.661450
Adjustment of Jul-Mar 2010 increase in fixed cost		-	-	-	-
2 PASMIC					
Units Purchased	Mill kWh	4.554444	4.458492	8.059516	8.333688
Fuel Cost	Mill Rs	25.106596	25.392628	50.216992	52.411481
Variable O & M	Mill Rs	4.774879	4.674283	8.449597	8.737038
Total Cost	Mill Rs	29.881475	30.066911	58.666589	61.148519
RATE OF PURCHASE FROM PASMIC					
Fuel Cost	Rs/kWh	5.512549	5.695340	6.230770	6.289110
Variable O & M	Rs/kWh	1.048400	1.048400	1.048400	1.048400
Total Cost	Rs/kWh	6.560949	6.743740	7.279170	7.337510
3 Tapal Energy Ltd.					
Units Purchased	Mill kWh	74.818200	81.612000	67.080700	61.043500
Fuel cost	Mill Rs	674.021329	723.232381	613.569328	562.304576
Variable O & M	Mill Rs	56.667305	62.963658	51.752760	47.095060
Total Energy Purchase Price	Mill Rs	730.688634	786.196039	665.322088	609.399636
Capacity Purchase Price	Mill Rs	107.475369	108.826310	108.826310	108.826310
Total Cost	Mill Rs	838.164003	895.022349	774.148398	718.225946
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	774.148398	718.225946
RATE OF PURCHASE FROM TAPAL					
Fuel cost	Rs/kWh	9.009	8.862	9.147	9.212
Variable O & M	Rs/kWh	0.757	0.772	0.771	0.772
Total Energy Purchase Price	Rs/kWh	9.766	9.633	9.918	9.983
Capacity Purchase Price	Rs/kWh	1.436	1.333	1.622	1.783
Total Cost	Rs/kWh	11.203	10.967	11.541	11.766
Adj of WPPF and WWF for the year ended June 30 2009		11.841	10.967	11.541	11.766
4 Gul Ahmed Energy Ltd.					
Units Purchased	Mill kWh	81.412194	81.283575	71.395334	61.214895
Fuel cost	Mill Rs	746.448321	742.428848	676.945810	577.091635
Variable O & M	Mill Rs	36.000472	36.610122	32.156458	27.571189
Total Energy Purchase Price	Mill Rs	782.448793	779.038970	709.102268	604.662824
Capacity Purchase Price	Mill Rs	96.896494	98.340419	98.340419	98.340419
Total Cost	Mill Rs	879.345287	877.379389	807.442687	703.003243
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	807.442687	703.003243
RATE OF PURCHASE FROM GUL AHMED					
Fuel cost	Rs/kWh	9.169	9.134	9.482	9.427
Variable O & M	Rs/kWh	0.442	0.450	0.450	0.450
Total Energy Purchase Price	Rs/kWh	9.611	9.584	9.932	9.878
Capacity Purchase Price	Rs/kWh	1.190	1.210	1.377	1.606
Total Cost	Rs/kWh	10.801	10.794	11.309	11.484
Adj of WPPF and WWF for the year ended June 30 2009		11.530	10.794	11.309	11.484
5 NTDC/WAPDA					
Units Imported	Mill kWh	315.970000	333.657000	432.031000	434.855000
Maximum Demand	MW	740	730	790	800
Use of system charges	Mill Rs	74.111000	73.109500	79.118500	80.120000
Energy Transfer Charges					
- Capacity Transfer charges	Mill Rs	573.088248	480.240678	466.394644	563.674410
- Energy Transfer Charges I	Mill Rs	1,515.422769	1,352.747911	1,489.003482	1,648.216121
- Energy Transfer Charges II	Mill Rs	159.636575	186.288711	138.362680	127.352505
Total Energy Transfer Charges	Mill Rs	2,248.147592	2,019.277300	2,093.760806	2,339.243036
Total Cost without GST	Mill Rs	2,322.258592	2,092.386800	2,172.879306	2,419.363036
GST @ 17%	Mill Rs	242.467643	232.723525	253.130592	280.196741
Total Cost With GST	Mill Rs	2,564.726235	2,325.110325	2,426.009898	2,699.559777

Break of Cost of Power Purchases

DESCRIPTION		Jun-10	Jul-10	Aug-10	Sep-10
<u>RATE OF PURCHASE FROM NTDC</u>					
Use of system charges	Rs/kWh	0.235	0.219	0.183	0.184
Energy Transfer Charges					
- Capacity Transfer charges	Rs/kWh	1.814	1.439	1.080	1.296
- Energy Transfer Charges I	Rs/kWh	4.796	4.054	3.447	3.790
- Energy Transfer Charges II	Rs/kWh	0.505	0.558	0.320	0.293
Total Energy Transfer Charges	Rs/kWh	7.115	6.052	4.846	5.379
Total Cost without GST	Rs/kWh	7.350	6.271	5.029	5.564
GST @ 17%	Rs/kWh	0.767	0.697	0.586	0.644
Total Cost With GST	Rs/kWh	8.117	6.969	5.615	6.208
6 ANOUD Power					
Units Purchased	Mill kWh	6.087513	7.097031	6.508505	6.202188
Energy Charges	Mill Rs	44.470500	51.056751	47.620957	44.870570
Variable O & M	Mill Rs	9.691321	11.627066	10.662884	10.161045
Total Cost	Mill Rs	54.161821	62.683817	58.283841	55.031615
GST @ 17%	Mill Rs	8.665891	10.656249	9.908253	9.355375
		62.827712	73.340065	68.192094	64.386990
<u>RATE OF PURCHASE FROM ANOUD POWER</u>					
Energy Charges	Rs/kWh	7.305200	7.194100	7.316727	7.234636
Variable O & M	Rs/kWh	1.592000	1.638300	1.638300	1.638300
Total Cost	Rs/kWh	8.897200	8.832400	8.955027	8.872936
7 DHA Co-gen					
Units Purchased	Mill kWh				
Energy Charges-Fuel	Mill Rs				
Variable O&M	Mill Rs				
Fixed Charges	Mill Rs				
Total Cost	Mill Rs				
<u>RATE OF PURCHASE FROM DHA CO-GEN</u>					
Energy Charges	Rs/kWh				
Variable O & M	Rs/kWh				
Fixed Charges	Rs/kWh				
Total Cost	Rs/kWh				
8 IIL INDUSTRIES - Original Invoice					
Units Purchased	Mill kWh	7.990050	10.108939	46.469756	3.843406
Fuel Cost	Mill Rs	29.938717	40.284122	34.392919	34.641832
Variable and other charges	Mill Rs	12.712170	13.568285	14.136752	14.176942
Differential due to increase in borrowing cost	Mill Rs	0.317285	0.351985	0.418472	0.435273
Amount excluding GST	Mill Rs	42.968172	54.204391	48.948143	49.254047
GST @ 17%	Mill Rs	6.874908	9.214747	8.321184	8.373188
Amount payable with GST	Mill Rs	49.843079	63.419138	57.269327	57.627235
<u>Rate of Purchase from IIL Industries</u>					
Fuel Cost	Rs/kWh	3.747000	3.985000	3.747000	3.747000
Variable and other charges	Rs/kWh	1.591000	1.342207	1.540155	1.533435
Differential due to increase in borrowing cost	Rs/kWh	0.039710	0.034819	0.045591	0.047081
Rate excluding GST	Rs/kWh	5.377710	5.362026	5.332746	5.327516
GST @ 17%	Rs/kWh	0.860434	0.911544	0.906567	0.905678
Rate with GST	Rs/kWh	6.238144	6.273570	6.239313	6.233194
<u>IIL Industries - Verified for Payment</u>					
Units Purchased	Mill kWh	7.990050	10.108939	9.178788	9.245218
Fuel Cost	Mill Rs	29.938717	37.878194	34.392919	34.641832
Variable and other charges	Mill Rs	12.712170	14.699494	14.136752	14.176942
Differential due to increase in borrowing cost	Mill Rs	0.317285	0.356307	0.418472	0.435273
Amount excluding GST	Mill Rs	42.968172	52.933995	48.948143	49.254047
GST @ 17%	Mill Rs	6.874908	8.998779	8.321184	8.373188
Amount payable with GST	Mill Rs	49.843079	61.932774	57.269327	57.627235
<u>Rate of Purchase from IIL Industries</u>					
Fuel Cost	Rs/kWh	3.747000	3.747000	3.747000	3.747000
Variable and other charges	Rs/kWh	1.591000	1.454108	1.540155	1.533435
Differential due to increase in borrowing cost	Rs/kWh	0.039710	0.035247	0.045591	0.047081
Rate excluding GST	Rs/kWh	5.377710	5.236355	5.332746	5.327516
GST @ 17%	Rs/kWh	0.860434	0.890180	0.906567	0.905678
Rate with GST	Rs/kWh	6.238144	6.126536	6.239313	6.233194

Break of Cost of Power Purchases

DESCRIPTION	Jun-10	Jul-10	Aug-10	Sep-10	
11L INDUSTRIES 4 MW- Original Invoice					
Units Purchased	Mill kWh	0.178944	0.265228	0.334281	0.653205
Fuel Cost	Mill Rs	0.827974	0.941294	1.186363	2.318225
Variable and other charges	Mill Rs	0.275325	0.412895	0.520141	1.016387
Differential due to increase in borrowing cost	Mill Rs	-	-	-	-
Amount excluding GST	Mill Rs	0.903299	1.353989	1.706505	3.334812
GST @ 17%	Mill Rs	0.144528	0.230178	0.290106	0.568884
Amount payable with GST	Mill Rs	1.047827	1.584167	1.996610	3.901495
Rate of Purchase from 11L Industries					
Fuel Cost	Ra/kWh	3.549000	3.549000	3.549000	3.549000
Variable and other charges	Ra/kWh	1.556000	1.556000	1.556000	1.556000
Differential due to increase in borrowing cost	Ra/kWh	-	-	-	-
Rate excluding GST	Ra/kWh	5.105000	5.105000	5.105000	5.105000
GST @ 17%	Ra/kWh	0.818800	0.867850	0.867850	0.867850
Rate with GST	Ra/kWh	5.921800	5.972850	5.972850	5.972850
11L INDUSTRIES 4 MW- Verified for Payment					
Units Purchased	Mill kWh	0.178944	0.265228	0.334281	0.653205
Fuel Cost	Mill Rs	0.827974	0.941294	1.186363	2.318225
Variable and other charges	Mill Rs	0.275325	0.412895	0.520141	1.016387
Differential due to increase in borrowing cost	Mill Rs	-	-	-	-
Amount excluding GST	Mill Rs	0.903299	1.353989	1.706505	3.334812
GST @ 17%	Mill Rs	0.144528	0.230178	0.290106	0.568884
Amount payable with GST	Mill Rs	1.047827	1.584167	1.996610	3.901495
Rate of Purchase from 11L Industries					
Fuel Cost	Ra/kWh	3.549000	3.549000	3.549000	3.549000
Variable and other charges	Ra/kWh	1.556000	1.556000	1.556000	1.556000
Differential due to increase in borrowing cost	Ra/kWh	-	-	-	-
Rate excluding GST	Ra/kWh	5.105000	5.105000	5.105000	5.105000
GST @ 17%	Ra/kWh	0.818800	0.867850	0.867850	0.867850
Rate with GST	Ra/kWh	5.921800	5.972850	5.972850	5.972850
11L INDUSTRIES COMBINED - Verified for Payment					
Units Purchased	Mill kWh	8.166994	10.374167	9.513068	9.898423
Fuel Cost	Mill Rs	30.566682	38.819489	35.578282	36.960058
Variable and other charges	Mill Rs	12.987494	15.112188	14.856894	15.193329
Differential due to increase in borrowing cost	Mill Rs	0.317285	0.356307	0.418472	0.435273
Amount excluding GST	Mill Rs	43.871471	54.287984	50.854847	52.588659
GST @ 17%	Mill Rs	7.018435	9.228957	8.811290	8.414185
Amount payable with GST	Mill Rs	50.890906	63.516941	59.265937	61.002844
RATE OF PURCHASE FROM 11L					
Fuel Cost	Ra/kWh	3.742710	3.741638	3.740042	3.733934
Variable and other charges	Ra/kWh	1.590242	1.456713	1.540711	1.534924
Differential due to increase in borrowing cost	Ra/kWh	0.038850	0.034346	0.043989	0.043974
Rate excluding GST	Ra/kWh	5.371802	5.232997	5.324743	5.312832
GST @ 17%	Ra/kWh	0.859488	0.889809	0.905206	0.850053
Rate with GST	Ra/kWh	6.231290	6.122806	6.229949	6.162885
9 KH FAMA					
Units Purchased	Mill kWh	-	-	-	-
Total Cost	Mill Rs	-	-	-	-
10 AGGREKO					
Units Purchased	Mill kWh	33.467392	34.498720	36.127904	35.237886
Fuel Cost	Mill Rs	145.116818	152.914604	158.180841	155.328040
Fixed cost	Mill Rs	179.588150	186.010895	186.500340	180.747450
Total Cost	Mill Rs	324.705768	338.925299	344.681181	336.075490
Currency Adjustmet	Mill Rs	0.073710	0.070200	0.078975	0.096525
Custom duty Payment	Mill Rs	69.032203	-	-	-
Mobilization Advance Payment	Mill Rs	72.568557	4.535535	4.535535	4.535535
Total Cost	Mill Rs	466.380238	343.531034	349.275691	340.707550
Rate of Purchase from AGGREKO					
Fuel Cost	Ra/kWh	4.336060	4.432472	4.377803	4.407984
Fixed cost	Ra/kWh	5.366093	5.391814	5.162224	5.129350
Total Cost	Ra/kWh	9.702153	9.824286	9.540027	9.537334
Adj of Provisional Currency rates for 29 to 31 March 2010	Ra/kWh	0.002202	0.002035	0.002289	-
Custom duty Payment	Ra/kWh	2.062671	-	-	-
Mobilization Advance Payment	Ra/kWh	2.168336	0.131470	0.131470	-
Total Cost	Ra/kWh	13.935362	9.957791	9.667754	9.668785
11 ENGR0					
Units Purchased	Mill kWh	0.050800	-	1.080858	-
Fuel Cost	Mill Rs	0.168095	-	3.514822	-
Variable O & M	Mill Rs	0.093523	-	1.868186	-
Total Cost	Mill Rs	0.261618	-	5.381008	-
GST @ 17%	Mill Rs	0.026895	-	0.914772	-
GST @ 17%	Mill Rs	0.014964	-	0.381009	-
Total Cost with GST	Mill Rs	0.303477	-	6.676789	-
RATE OF PURCHASE FROM ENGR0					
Fuel Cost	Ra/kWh	3.322036	-	3.251881	-
Variable O & M	Ra/kWh	1.848281	-	1.726578	-
Total Cost	Ra/kWh	5.170318	-	4.978460	-
12 AL-ABBAS					
Units Purchased	Mill kWh	7.834360	8.547138	7.982864	8.726156
Energy Charges	Mill Rs	55.122657	48.085663	66.896400	73.125187
Variable & Other charges	Mill Rs	0.783436	0.854714	0.798286	0.872616
Total Energy Purchase Price	Mill Rs	55.905993	48.720377	67.694686	73.997803
Capacity Purchase Price	Mill Rs	7.544835	7.407514	6.964295	7.898995
Total Cost	Mill Rs	63.450828	54.127891	74.658981	81.896798
GST @ 17%	Mill Rs	10.152084	9.201741	12.692027	13.884556
Total Cost	Mill Rs	73.602912	63.329632	87.351008	95.581354
RATE OF PURCHASE FROM AL-ABBAS					
Fuel cost	Ra/kWh	7.036	7.036	10.218	8.380
Variable O & M	Ra/kWh	0.100	0.100	0.122	0.100
Total Energy Purchase Price	Ra/kWh	7.136	7.136	10.340	8.480
Capacity Purchase Price	Ra/kWh	0.9630	1.131	1.084	0.882
Total Cost	Ra/kWh	8.099	8.267	11.403	9.362

Ray a / Rizwan / Asim



National Transmission And Despatch Company
 Central Power Purchase Agency (CPPA) WAPDA House, Lahore

Power / Electricity Sales Bill (Provisional)

NTDC GST No. 03-00-2716-006-73

KESC GST No. 1200271000720

Name and Address
Karachi Electric Supply Company (KESC)
 KESC House, 39-B, Sunset Boulevard,
 Phase-IV, DHA, Karachi.

Billing Month	September-10
Reading Date	30/09/2010
Issue Date	10/10/2010
Due Date	3/11/2010

Description					
Energy (kWh)					434,655,000
kVArh					
MIDI (kw)					800,000

Use Of System Charges		Rate (Rs.)	Amount (Rs.)
Fixed		100.160	80,120,000
Variable		0.1233 * 1	
Total			80,120,000

Capacity Transfer Charges		704.583012	583,674,410
Energy Transfer Charges	i	3.790268	1,648,216,121
Energy Transfer Charges	ii	0.292862	127,352,505
Total Transfer Charges			2,339,243,036

Bill for the Month					2,419,363,036
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GBT 17%					280,196,741
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Bill Adjustment					-
Arrears					-

Payable Within Due Date					2,699,559,777
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System charges are included as per NTDC tariff notified on March 17, 2006.

GROUP CFO
 21 OCT 2010
 789
KESC Ltd

RECEIVED
 20 OCT 2010
FAX

[Signature]
 Director Finance (CPPA)