

**KARACHI ELECTRIC SUPPLY COMPANY LTD.**KESC House, 39-B, Sunset Boulevard, Phase IV, DHA, Karachi, Pakistan  
Phone: (92 21) 3565 7127 – Email: rauf.yousuf@kesc.com.pkRef. No. DRA&SP/NEPRA/071/874  
Dated: February 15, 2012The Registrar  
National Electric Power Regulatory Authority  
2ND Floor, OPF Building, G-5/2  
Islamabad

Dear Sir

Subject: **REVISED ADJUSTMENT IN KESCL SCHEDULE OF TARIFF ON ACCOUNT OF FUEL PRICE AND POWER PURCHASE COST VARIATION FOR QUARTER ENDED SEPTEMBER 2011.**

This is with reference to your letter no NEPRA/TRF-133/KESC-2009/1220 dated 09.02.2012, received on 13.02.2012 for submission of revised adjustment in KESC SOT for the quarter July – September 2011 and further to our submission ref no. DRA&SP/NEPRA/071/R-858 dated 20.12.2011. The revised working of required adjustment in KESC's tariff for the quarter ended September 2011, as per directives of the Authority is as under:

**1. Required Adjustment in Schedule of Tariff for the Quarter ended September 2011**

1.1. As per the tariff adjustment mechanism applicable, the cost for the period Apr-Jun 2011 has decreased by Ps 67.012/kWh, which needs to be adjusted in KESC's schedule of tariff. The table below gives the breakup of the required adjustment on units sold basis.

DESCRIPTION	September 2011 (Over June 2011)
Fuel Price Variation (Ps/kWh)	(47.407)
Power Purchase Price Variation (Ps/kWh)	(19.604)
<b>Total Variation in Tariff (Ps/kWh)</b>	<b>(67.012)</b>

**1.2. Unrecovered Cost**

Based on the approved mechanism and the details mentioned above, the comparison of revised unrecovered cost with and without taking into account the amount of GLMP is as under:

Unrecovered Cost for the period July 2011 to September 2011	Amount with GLMP	Amount w/o GLMP
Variation in O&M cost of IPPs and other sources	284.288	284.288
Variation in Capacity charges of IPPs and other sources	16.775	16.775
Unrecovered cost due to non-adjustment of T&D losses in the monthly FSA	(435.728)	(435.728)
Unrecovered cost – on account of GLMP	(2,369.978)	-
Unrecovered cost of Prev. Qtr April to June 2011	2.636	2.636
<b>Total Unrecovered Cost for Jul-Sep 2011</b>	<b>(2,502.007)</b>	<b>(132.029)</b>
<b>Estimated Units to be sold @21% T&amp;D loss in the next quarter (GwH)</b>	<b>2,950</b>	<b>2,950</b>
<b>Required Adjustment in KESC's Tariff (Ps/kWh)</b>	<b>(151.826)</b>	<b>(71.487)</b>

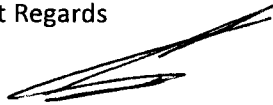
- 1.3 In view of the above, the comparative overall change in the KESC's tariff on account of fuel price, power purchase cost for the quarter 30<sup>th</sup> September, 2011 works out to be as follows:

Total Required Adjustment in KESC's Tariff	With GLMP Ps/kWh	w/o GLMP Ps/kWh
Required Adjustment in KESC's tariff	(67.012)	(67.012)
Unrecovered Cost for Jul-Sep 2011	(4.476)	(4.476)
Unrecovered Cost - under GLMP	(80.338)	-
Sub Total	(151.826)	(71.487)
Reversal of Unrecovered Cost April – June 2011	4.962	4.962
Total Required Adjustment in KESC Tariff	(146.864)	(66.525)

*Note: It may please be noted that KESC has previously submitted its request with the view that the entire amount of GLMP (100%) should be adjusted in the quarterly tariff adjustment under Un-recovered cost. Whereas, as per past practice the 80% of the amount was passed to the Consumers and remaining 20% adjusted in the Tariff as unrecovered cost. This will reduce the claim of tariff differential subsidy from GoP.*

It is therefore, requested that the impact of the lower furnace oil price under GLMP may be adjusted in the quarterly tariff as per mechanism under 'unrecovered cost' the quarter July-September 2011.

Best Regards



Abdul Rauf Yousuf  
Director (RA & SP)

Copy to:

Secretary, M/o Water and Power, Islamabad.  
Mr. Sajjad Muhammad Qureshi, Director Tariff, NEPRA, Islamabad.  
Islamabad Office, KESC.

A WORKING OF ADJUSTMENT IN KESCL TRIFF DUE TO VARIATION IN FUEL AND POWER PURCHASE COST INCLUDING O&M AND CAPACITY CHARGES	Without GLMP				
	Jun-11	Jul-11	Aug-11	Sep-11	QTR
<b>UNITS SOLD</b>	Mill kWh				<b>1,015.837</b>
<b>FURL PRICE VARIATION</b>	Mill Rs				<b>(481.582)</b>
<b>Cost of Power Purchase</b>					
- Fuel Component	Mill Rs	5,082.557		4,768.835	
- O&M Cost	Mill Rs	835.636		1,009.044	
- Capacity Payment	Mill Rs	211.231		212.916	
- Total Cost of Power Purchased	Mill Rs	<b>6,129.423</b>		<b>5,990.795</b>	
<b>Power Purchased</b>	Mill kWh	<b>648.806</b>		<b>655.212</b>	
<b>Average Rate of Power Purchase</b>					
- Fuel Component	Rs/kWh	7.834		7.278	(0.555)
- O&M Cost	Rs/kWh	1.288		1.540	0.252
- Capacity Payment	Rs/kWh	0.326		0.325	(0.001)
- Total Cost of Power Purchased	Rs/kWh	<b>9.447</b>		<b>9.143</b>	<b>(0.304)</b>
<b>POWER PURCHASED COST VARIATION</b>					
- Fuel Component	Mill Rs				(363.905)
- O&M Cost	Mill Rs				165.157
- Capacity Payment	Mill Rs				(0.400)
- Total Cost of Power Purchased	Mill Rs				<b>(199.148)</b>
<b>Total Cost Variation (Fuel + Purchase)</b>	Mill Rs				<b>(680.730)</b>
<b>QUARTERLY INCREASE/DECREASE IN RATE</b>					
- Fuel Price Variation	Ps/kWh				(47.407)
- Power Purchase Cost variation	Ps/kWh				(19.604)
- Total Cost Variation	Ps/kWh				<b>(67.012)</b>

**B WORKING OF ADJUSTMENT IN KESCL TRIFF DUE TO UNRECOVERED COST**

- a. Variation in O&M Cost Power Purchase
- b. Variation in Capacity Cost Power Purchase

- c. **Unrecovered Cost due to non adjustment of T&D losses**
  - Fuel Price Variation Mill Rs
  - Power Purchase( fuel) variation Mill Rs
  - Total Mill Rs

Total Units Sent Out Mill kWh

Increase/decrease in FSA Rate Ps/kWh

T&D Losses 21.0%

Units Sold as per NEPRA Mill kWh

- Recovery of Cost under Monthly FSA**
  - Fuel Price Variation Mill Rs
  - Power Purchase( fuel) variation Mill Rs
  - Total Mill Rs

- Unrecovered Cost due to non adjustment of T&D losses**
  - Fuel Price Variation Mill Rs
  - Power Purchase( fuel) variation Mill Rs
  - Total Mill Rs
  - GLMP Mill Rs
  - Total Unrecovered Cost Mill Rs

- d. **Adjustment of un-recovered cost of Prv Quarter**
  - Unrecovered cost of previous quarter Mill Rs
  - Allowed adjustment in KESCL Tariff Ps/kWh
  - Actual Units sold as per NEPRA Mill kWh
  - Actual Recovery of Un-recovered cost Mill Rs
  - Shortfall/(Surplus) adj. of unrecovered cost Mill Rs

**SUMMARY OF UNRECOVERED COST**

- a. Variation in O&M Cost Power Purchase Mill Rs
- b. Variation in Capacity Cost Power Purchase Mill Rs
- c. Unrecovered Cost due to non adjustment of T&D losses Mill Rs
- d. Unrecovered Cost due to adjustment of GLMP Mill Rs
- e. Adjustment of un-recovered cost of Prev. Qtr. Mill Rs
- f. Unrecovered Cost due to adjustment of GLMP Mill Rs
- Total Adjustment in Quarterly Tariff Mill Rs

Estimated units to be sold in next quarter Mill kWh

**Required adjustment in Tariff**

- a. Unrecovered Cost for Jul-Sep 2011 applicable Ps/kWh
- b. Unrecovered Cost due to adjustment of GLMP Ps/kWh
- c. Quarterly Revision of SOT on account of Fuel & Power Purchase cost for Jul-Sep 2011 Ps/kWh
- d. Unrecovered Cost for Apr - Jun 2011 only applicable to quarter Jul-Sep 2011 Ps/kWh
- Total Required adjustment in KESCL's Tariff Ps/kWh

**Without GLMP**

Jul-11	Aug-11	Sep-11	QTR
10.944	108.186	165.157	284.288
6.921	10.255	(0.400)	16.775

(460.792)	(241.173)	(481.582)	(1,183.548)
(373.799)	(153.644)	(363.905)	(891.348)
(834.592)	(394.818)	(845.487)	(2,074.896)
1,303.049	1,413.979	1,285.870	4,002.898
(64.049)	(27.922)	(65.752)	(51.835)
21.0%	21.0%	21.0%	
1,029.409	1,117.044	1,015.837	3,162.290
(364.026)	(190.527)	(380.450)	(935.003)
(295.301)	(121.379)	(287.485)	(704.165)
(659.327)	(311.906)	(667.935)	(1,639.168)

(96.766)	(50.646)	(101.132)	(248.545)
(78.498)	(32.265)	(76.420)	(187.183)
(175.264)	(82.912)	(177.552)	(435.728)
-	-	-	-
(175.264)	(82.912)	(177.552)	(435.728)

(154.277)
(4.962)
3,162.290
(156.913)
<b>2.636</b>

284.288
16.775
(435.728)
2.636
(132.029)
<b>(132.029)</b>

**2,950.000**

(4.476)
-
(67.012)
(71.487)
4.962
<b>(66.525)</b>

NEPRA is hereby requested to revise KESCL's SOT accordingly

A WORKING OF ADJUSTMENT IN KESCL TRIFF DUE TO VARIATION IN FUEL AND POWER PURCHASE COST INCLUDING O&M AND CAPACITY CHARGES	Jun-11	With GLMP			QTR
		Jul-11	Aug-11	Sep-11	
<b>UNITS SOLD</b>	Mill kWh				<b>1,015.837</b>
<b>FURL PRICE VARIATION</b>	Mill Rs				<b>(481.582)</b>
<b>Cost of Power Purchase</b>					
- Fuel Component	Mill Rs	5,082.557		4,768.835	
- O&M Cost	Mill Rs	835.636		1,009.044	
- Capacity Payment	Mill Rs	211.231		212.916	
- Total Cost of Power Purchased	Mill Rs	<b>6,129.423</b>		<b>5,990.795</b>	
<b>Power Purchased</b>	Mill kWh	<b>648.806</b>		<b>655.212</b>	
<b>Average Rate of Power Purchase</b>					
- Fuel Component	Rs/kWh	7.834		7.278	(0.555)
- O&M Cost	Rs/kWh	1.288		1.540	0.252
- Capacity Payment	Rs/kWh	0.326		0.325	(0.001)
- Total Cost of Power Purchased	Rs/kWh	<b>9.447</b>		<b>9.143</b>	<b>(0.304)</b>
<b>POWER PURCHASED COST VARIATION</b>					
- Fuel Component	Mill Rs				(363.905)
- O&M Cost	Mill Rs				165.157
- Capacity Payment	Mill Rs				(0.400)
- Total Cost of Power Purchased	Mill Rs				<b>(199.148)</b>
<b>Total Cost Variation (Fuel + Purchase)</b>	Mill Rs				<b>(680.730)</b>
<b>QUARTERLY INCREASE/DECREASE IN RATE</b>					
- Fuel Price Variation	Ps/kWh				(47.407)
- Power Purchase Cost variation	Ps/kWh				(19.604)
- Total Cost Variation	Ps/kWh				<b>(67.012)</b>

**B WORKING OF ADJUSTMENT IN KESCL TRIFF DUE TO UNRECOVERED COST**

With GLMP			
Jul-11	Aug-11	Sep-11	QTR
10.944	108.186	165.157	284.288
6.921	10.255	(0.400)	16.775

- a. Variation in O&M Cost Power Purchase
- b. Variation in Capacity Cost Power Purchase
- c. **Unrecovered Cost due to non adjustment of T&D losses**

Fuel Price Variation	Mill Rs	(460.792)	(241.173)	(481.582)	(1,183.548)
Power Purchase( fuel) variation	Mill Rs	(373.799)	(153.644)	(363.905)	(891.348)
Total	Mill Rs	(834.592)	(394.818)	(845.487)	(2,074.896)
Total Units Sent Out	Mill kWh	1,303.049	1,413.979	1,285.870	4,002.898
Increase/decrease in FSA Rate	Ps/kWh	(64.049)	(27.922)	(65.752)	(51.835)
T&D Losses		<b>21.0%</b>	<b>21.0%</b>	<b>21.0%</b>	
Units Sold as per NEPRA	Mill kWh	1,029.409	1,117.044	1,015.837	3,162.290
<b>Recovery of Cost under Monthly FSA</b>					
Fuel Price Variation	Mill Rs	(364.026)	(190.527)	(380.450)	(935.003)
Power Purchase( fuel) variation	Mill Rs	(295.301)	(121.379)	(287.485)	(704.165)
Total	Mill Rs	(659.327)	(311.906)	(667.935)	(1,639.168)

**Unrecovered Cost due to non adjustment of T&D losses**

- Fuel Price Variation
- Power Purchase( fuel) variation
- Total
- GLMP
- Total Unrecovered Cost

Fuel Price Variation	Mill Rs	(96.766)	(50.646)	(101.132)	(248.545)
Power Purchase( fuel) variation	Mill Rs	(78.498)	(32.265)	(76.420)	(187.183)
Total	Mill Rs	(175.264)	(82.912)	(177.552)	(435.728)
GLMP	Mill Rs	-	(2,070.811)	(299.167)	(2,369.978)
Total Unrecovered Cost	Mill Rs	(175.264)	(2,153.723)	(476.719)	(2,805.706)

- d. **Adjustment of un-recovered cost of Prv Quarter**
- Unrecovered cost of previous quarter
- Allowed adjustment in KESCL Tariff
- Actual Units sold as per NEPRA
- Actual Recovery of Un-recovered cost
- Shortfall/(Surplus) adj. of unrecovered cost

Unrecovered cost of previous quarter	Mill Rs	(154.277)
Allowed adjustment in KESCL Tariff	Ps/kWh	(4.962)
Actual Units sold as per NEPRA	Mill kWh	3,162.290
Actual Recovery of Un-recovered cost	Mill Rs	(156.913)
Shortfall/(Surplus) adj. of unrecovered cost	Mill Rs	<b>2.636</b>

**SUMMARY OF UNRECOVERED COST**

- a. Variation in O&M Cost Power Purchase
- b. Variation in Capacity Cost Power Purchase
- c. Unrecovered Cost due to non adjustment of T&D losses
- d. Unrecovered Cost due to adjustment of GLMP
- e. Adjustment of un-recovered cost of Prev. Qtr.
- f. Unrecovered Cost due to adjustment of GLMP
- Total Adjustment in Quarterly Tariff

Variation in O&M Cost Power Purchase	Mill Rs	284.288
Variation in Capacity Cost Power Purchase	Mill Rs	16.775
Unrecovered Cost due to non adjustment of T&D losses	Mill Rs	(435.728)
Unrecovered Cost due to adjustment of GLMP	Mill Rs	2.636
Adjustment of un-recovered cost of Prev. Qtr.	Mill Rs	(132.029)
Unrecovered Cost due to adjustment of GLMP	Mill Rs	(2,369.978)
Total Adjustment in Quarterly Tariff	Mill Rs	<b>(2,502.007)</b>

Estimated units to be sold in next quarter

2,950.000

**Required adjustment in Tariff**

- a. Unrecovered Cost for Jul-Sep 2011 applicable
- b. Unrecovered Cost due to adjustment of GLMP
- c. Quarterly Revision of SOT on account of Fuel & Power Purchase cost for Jul-Sep 2011
- d. Unrecovered Cost for Apr - Jun 2011 only applicable to quarter Jul-Sep 2011
- Total Required adjustment in KESCL's Tariff

Unrecovered Cost for Jul-Sep 2011 applicable	Ps/kWh	(4.476)
Unrecovered Cost due to adjustment of GLMP	Ps/kWh	(80.338)
Quarterly Revision of SOT on account of Fuel & Power Purchase cost for Jul-Sep 2011	Ps/kWh	(67.012)
Unrecovered Cost for Apr - Jun 2011 only applicable to quarter Jul-Sep 2011	Ps/kWh	(151.826)
Total Required adjustment in KESCL's Tariff	Ps/kWh	<b>4.962</b>
		<b>(146.864)</b>

NEPRA is hereby requested to revise KESC's SOT accordingly

## Work Sheet- Fuel Price Variation

DESCRIPTION		Jun-11	Jul-11	Aug-11	Sep-11	Jul-Sep 2011	
<b>1 UNITS SENT OUT - KESC</b>							
<b>1a UNITS SENT OUT ON GAS</b>							
i	Bin Qasim	Mill kWh	186.691	199.869	252.748	215.924	668.323
ii	Bin Qasim II - CCPP		-	-	6.710	65.532	72.242
iii	Korangi Thermal	Mill kWh	28.688	34.527	35.761	35.308	105.596
v	Korangi Gas 2	Mill kWh	58.363	60.962	59.173	48.995	169.130
vii	Site Gas 2	Mill kWh	53.909	58.040	58.761	36.521	153.322
viii	Korangi combined	Mill kWh	115.507	112.424	120.019	68.968	301.412
	Total (i to viii)	Mill kWh	<b>443.158</b>	<b>465.822</b>	<b>533.171</b>	<b>471.250</b>	<b>1,470.024</b>
<b>1b UNITS SENT OUT ON F. OIL</b>							
i	Bin Qasim	Mill kWh	292.381	204.502	258.325	159.409	622.455
	Total (i to viii)	Mill kWh	<b>292.381</b>	<b>204.502</b>	<b>258.325</b>	<b>159.409</b>	<b>622.455</b>
			40%				
<b>1c TOTAL UNITS SENT OUT (1 + 2)</b>							
i	Bin Qasim	Mill kWh	479.073	404.372	511.073	375.333	1,290.778
ii	Bin Qasim II - CCPP		-	-	6.710	65.532	72.242
iii	Korangi Thermal	Mill kWh	28.688	34.527	35.761	35.308	105.596
v	Korangi Gas 2	Mill kWh	58.363	60.962	59.173	48.995	169.130
vii	Site Gas 2	Mill kWh	53.909	58.040	58.761	36.521	153.322
viii	Korangi combined	Mill kWh	115.507	112.424	120.019	68.968	301.412
	Total (i to vii)	Mill kWh	<b>735.539</b>	<b>670.325</b>	<b>791.496</b>	<b>630.659</b>	<b>2,092.480</b>
<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	10,650	10,650	10,650
ii	Bin Qasim II - CCPP	Btu/kWh	12,163	12,163	12,163	12,163	12,163
iii	Korangi Thermal	Btu/kWh	13,738	13,738	13,738	13,738	13,738
iv	Korangi Gas 1	Btu/kWh	17,039	17,039	17,039	17,039	17,039
v	Korangi Gas 2	Btu/kWh	9,500	9,500	9,500	9,500	9,500
vi	Site Gas 1	Btu/kWh	17,039	17,039	17,039	17,039	17,039
vii	Site Gas 2	Btu/kWh	9,500	9,500	9,500	9,500	9,500
viii	Korangi combined	Btu/kWh	9,110	9,110	9,110	9,110	9,110
<b>2b CONVERSION FACTOR F. OIL - of item 2</b>							
i	Bin Qasim	Kg/kWh	0.264	0.264	0.264	0.264	0.264
ii	Korangi Thermal	Kg/kWh	0.340	0.340	0.340	0.340	0.340
<b>3 FUEL PRICES</b>							
a.	Fuel Prices- Gas (Rs/MMBTu)	Rs/MMBTu	393.79	393.79	443.64	447.18	432.17
b.	Fuel Price -F.O (Rs/Kg)	Rs/Kg	59,286.50	59,726.22	61,309.59	60,679.49	60,633.70
<b>4 COST OF FUEL</b>							
<b>4a COST OF GAS</b>							
i	Bin Qasim	Mill Rs	782.958	838.225	1,194.176	1,028.324	3,060.725
ii	Bin Qasim II - CCPP	Mill Rs	-	-	36.205	356.433	392.639
iii	Korangi Thermal	Mill Rs	155.200	186.788	217.953	216.910	621.651
v	Korangi Gas 2	Mill Rs	218.334	228.059	249.388	208.139	685.587
vii	Site Gas 2	Mill Rs	201.674	217.126	247.655	155.148	619.929
viii	Korangi combined	Mill Rs	414.372	403.312	485.066	280.962	1,169.340
	Total (i to vii)	Mill Rs	<b>1,772.539</b>	<b>1,873.512</b>	<b>2,430.443</b>	<b>2,245.916</b>	<b>6,549.871</b>
<b>4b COST OF FURNACE OIL</b>							
i	Bin Qasim	Mill Rs	4,576.245	3,224.536	4,181.184	2,553.632	9,959.352
viii	Total (i to vii)	Mill Rs	<b>4,576.245</b>	<b>3,224.536</b>	<b>4,181.184</b>	<b>2,553.632</b>	<b>9,959.352</b>
<b>4c TOTAL COST OF FUEL</b>							
i	Bin Qasim	Mill Rs	5,359.203	4,062.761	5,375.360	3,581.956	13,020.077
ii	Bin Qasim II - CCPP	Mill Rs	-	-	36.205	356.433	392.639
iii	Korangi Thermal	Mill Rs	155.200	186.788	217.953	216.910	621.651
v	Korangi Gas 2	Mill Rs	218.334	228.059	249.388	208.139	685.587
vii	Site Gas 2	Mill Rs	201.674	217.126	247.655	155.148	619.929
viii	Korangi combined	Mill Rs	414.372	403.312	485.066	280.962	1,169.340
	Total	Mill Rs	<b>6,348.784</b>	<b>5,098.048</b>	<b>6,611.627</b>	<b>4,799.548</b>	<b>16,509.222</b>
<b>5 COST OF FUEL PER KWH</b>							
a	Bin Qasim	Rs/kWh	11.187	10.047	10.518	9.543	10.087
b	Bin Qasim II - CCPP	Rs/kWh	4.790	-	5.396	5.439	5.435

## Work Sheet- Fuel Price Variation

DESCRIPTION		Jun-11	Jul-11	Aug-11	Sep-11	Jul-Sep 2011	
c	Korangi Thermal	Rs/kWh	5.410	5.410	6.095	6.143	5.887
e	Korangi Gas 2	Rs/kWh	3.741	3.741	4.215	4.248	4.054
g	Site Gas 2	Rs/kWh	3.741	3.741	4.215	4.248	4.043
	Korangi combined	Rs/kWh	3.587	3.587	4.042	4.074	3.880
			8.631	7.605	8.353	7.610	7.890
<b>6</b>	<b>INCREASE/DECREASE IN COST OF FUEL PER KWH</b>						
a	Bin Qasim	Rs/kWh	1.615	(1.140)	(0.669)	(1.643)	(1.100)
b	Bin Qasim II - CCP	Rs/kWh	4.790	(4.790)	0.606	0.649	0.645
c	Korangi Thermal	Rs/kWh	-	-	0.685	0.733	0.477
e	Korangi Gas 2	Rs/kWh	-	-	0.474	0.507	0.313
g	Site Gas 2	Rs/kWh	-	-	0.474	0.507	0.302
	Korangi combined	Rs/kWh	-	-	0.454	0.486	0.292
			-	(1.026)	(0.278)	(1.021)	(0.742)
<b>7</b>	<b>INCREASE / DECREASE IN FUEL COST OVER PREVIOUS MONTH</b>						
a	Bin Qasim	Mill Rs	773.478	(460.792)	(341.818)	(616.754)	(1,419.365)
b	Bin Qasim II - CCP	Mill Rs	-	-	4.068	42.553	46.621
c	Korangi Thermal	Mill Rs	-	-	24.491	25.896	50.387
e	Korangi Gas 2	Mill Rs	-	-	28.023	24.849	52.872
g	Site Gas 2	Mill Rs	-	-	27.828	18.522	46.351
h	Korangi combined	Mill Rs	-	-	54.506	33.543	88.048
	Total (a to g)	Mill Rs	773.478	(460.792)	(202.901)	(471.393)	(1,135.086)
<b>8</b>	<b>INCREASE / DECREASE IN TARIFF</b>						
	<b>TO BE PASSED IN THE MONTHLY BILLS</b>						
a	Fuel price variation (item 7-h)	Mill Rs	773.478	(460.792)	(202.901)	(471.393)	(1,135.086)
b	Units Sent Out - KESC	Mill kWh	735.539	670.325	791.496	630.659	2,092.480
c	Power Purchase	Mill kWh	648.806	632.724	622.483	655.212	1,910.419
d	Total Units Sent Out (b + c)	Mill kWh	1,384.345	1,303.049	1,413.979	1,285.870	4,002.898
e	Increase / Decrease in Tariff (8a / 8d x 100)						
	To be passed on to the consumers - FSA	Ps/kWh	55.873	(35.363)	(14.350)	(36.659)	(28.357)
<b>9</b>	<b>INCREASE / DECREASE IN REVENUE</b>						
a	Units Sold	Mill kWh	1,065.946	1,029.409	1,117.044	1,015.837	3,162.290
b	Increase / Decrease in Tariff	Ps/kWh	55.873	(35.363)	(14.350)	(36.659)	(28.357)
c	Increase / Decrease in Revenue (9a / 9b x 100)	Mill Rs	595.578	(364.026)	(160.292)	(372.400)	(896.718)
d	Accumulated increase / decrease in revenue	Mill Rs	227.273	(364.026)	(524.318)	(736.426)	(2,011.029)
e	Unrecovered Cost due to 21% T&D loss						
<b>10</b>	<b>INCREASE / DECREASE IN TARIFF</b>						
	<b>TO BE ADJUSTED ON QUARTERLY BASIS</b>						
a	Fuel price variation - item 8a		773.478	(460.792)	(202.901)	(471.393)	(1,135.086)
b	Units Sent Out - KESC	Mill kWh	735.539	670.325	791.496	630.659	2,092.480
c	Power Purchase	Mill kWh	648.806	632.724	622.483	655.212	1,910.419
d	Total Units Sent Out	Mill kWh	1,384.345	1,303.049	1,413.979	1,285.870	4,002.898
e	Trans & Dist Losses		23%	21%	21%	21%	21%
f	Units Sold (10d - 10e)	Mill kWh	1,065.946	1,029.409	1,117.044	1,015.837	3,162.290
g	Increase / Decrease in Tariff (10a / 10f x 100)						
	To be passed on to the consumers - Tariff	Ps/kWh	72.563	(44.763)	(18.164)	(46.404)	(35.894)
<b>11</b>	<b>INCREASE / DECREASE IN REVENUE</b>						
a	Units Sold (Item 10f)	Mill kWh	1,065.946	1,029.409	1,117.044	1,015.837	3,162.290
b	Increase / Decrease in Tariff (Item 10g)	Ps/kWh	72.563	(44.763)	(18.164)	(46.404)	(35.894)
c	Increase / Decrease in Revenue (11a x 11b)	Mill Rs	773.478	(460.792)	(202.901)	(471.393)	(1,135.086)
d	Accumulated increase / decrease in revenue	Mill Rs	295.160	(460.792)	(663.693)	(932.185)	(2,545.606)



## Work Sheet- Power Purchase Cost Variation

DESCRIPTION		Jun-11	Jul-11	Aug-11	Sep-11	Jul-Sep 2011
<b>1</b>	<b><u>POWER PURCHASES</u></b>					
a	KANUPP Mill kWh	22.207	46.800	49.152	58.133	154.084
b	PASMIC Mill kWh	1.619	0.941	0.907	0.667	2.515
c	TAPAL Mill kWh	68.826	55.378	49.489	61.894	166.761
d	GUL AHMED Mill kWh	63.261	9.745	33.796	52.403	95.944
e	NTDC/WAPDA Mill kWh	480.337	507.292	478.839	469.249	1,455.380
f	ANOUD POWER Mill kWh	5.279	4.712	4.135	3.280	12.128
h	INT IND (IIL) Mill kWh	7.277	7.856	6.164	9.587	23.607
m	TOTAL Mill kWh	<b>648.806</b>	<b>632.724</b>	<b>622.483</b>	<b>655.212</b>	<b>1,910.419</b>
		74.0%	80.2%	76.9%	71.6%	76.2%
<b>2</b>	<b><u>COST OF POWER PURCHASE - FUEL COST</u></b>					
a	KANUPP Mill Rs	201.948	376.347	442.832	455.181	1,274.361
b	PASMIC Mill Rs	14.722	7.571	8.173	5.544	21.287
c	TAPAL Mill Rs	913.874	742.895	676.670	842.979	2,262.544
d	GUL AHMED Mill Rs	863.768	135.338	475.677	727.512	1,338.527
e	NTDC/WAPDA Mill Rs	3,007.197	3,243.470	3,181.120	2,662.684	9,087.275
f	ANOUD POWER Mill Rs	53.836	47.767	43.606	34.252	125.625
h	INT IND (IIL) Mill Rs	27.212	29.395	24.985	40.682	95.062
m	TOTAL Mill Rs	<b>5,082.557</b>	<b>4,582.783</b>	<b>4,853.064</b>	<b>4,768.835</b>	<b>14,204.681</b>
<b>3</b>	<b><u>COST OF POWER PURCHASE- Fuel Cost/kWh</u></b>					
a	KANUPP Rs/kWh	9.094	8.042	9.010	7.830	8.271
b	PASMIC Rs/kWh	9.094	8.042	9.010	8.317	8.464
c	TAPAL Rs/kWh	13.278	13.415	13.673	13.620	13.568
d	GUL AHMED Rs/kWh	13.654	13.888	14.075	13.883	13.951
e	NTDC/WAPDA Rs/kWh	6.2606	6.3937	6.6434	5.6744	6.2439
f	ANOUD POWER Rs/kWh	10.198	10.136	10.545	10.443	10.358
h	INT IND (IIL) Rs/kWh	3.740	3.742	4.053	4.244	4.027
m	AVERAGE Rs/kWh	<b>7.834</b>	<b>7.243</b>	<b>7.796</b>	<b>7.278</b>	<b>7.435</b>
<b>4</b>	<b><u>INCREASE / DECREASE IN FUEL COMPONENT OF POWER PURCHASE - TO BE PASSED IN THE MONTHLY BILLS</u></b>					
a	Average Monthly Fuel cost of Power Purchase ( lter Rs/kWh	7.834	7.243	7.796	7.278	7.435
b	Reference Rate - Previous Month Rs/kWh	8.355	7.834	7.834	7.834	7.834
c	Increase / Decrease in Average Rate of Power Purchase Rs/kWh	<b>(0.521)</b>	<b>(0.591)</b>	<b>(0.037)</b>	<b>(0.555)</b>	<b>(0.398)</b>
d	Total Power Purchase (Item 1m) Mill kWh	648.806	632.724	622.483	655.212	1,910.419
e	Increase / Decrease in Fuel Cost of Power Purchase (4c Mill Rs	<b>(338.149)</b>	<b>(373.799)</b>	<b>(23.288)</b>	<b>(363.905)</b>	<b>(760.992)</b>
<b>5</b>	<b><u>INCREASE / DECREASE IN TARIFF TO BE PASSED IN THE MONTHLY BILLS</u></b>					
a	Fuel price variation in cost of power purchase (Item 4a)	(338.149)	(373.799)	(23.288)	(363.905)	(760.992)
b	Units Sent Out - KESC Mill kWh	735.539	670.325	791.496	630.659	2,092.480
c	Power Purchase Mill kWh	648.806	632.724	622.483	655.212	1,910.419
d	Total Units Sent Out (b + c) Mill kWh	<b>1,384.345</b>	<b>1,303.049</b>	<b>1,413.979</b>	<b>1,285.870</b>	<b>4,002.898</b>
e	Increase / Decrease in Tariff (5a / 5d x 100) To be passed on to the consumers - FSA Ps/kWh	<b>(24.427)</b>	<b>(28.687)</b>	<b>(1.647)</b>	<b>(28.300)</b>	<b>(19.011)</b>
<b>6</b>	<b><u>INCREASE / DECREASE IN REVENUE</u></b>					
a	Units Sold Mill kWh	1,065.946	1,029.409	1,117.044	1,015.837	3,162.290
b	Increase / Decrease in Tariff (item 5e) Ps/kWh	(24.427)	(28.687)	(1.647)	(28.300)	(19.011)
c	Increase / Decrease in Revenue (6a / 6b x100) Mill Rs	(260.374)	(295.301)	(18.398)	(287.485)	(601.184)
d	Accumulated increase / decrease in revenue Mill Rs	<b>(314.711)</b>	<b>(295.301)</b>	<b>(313.699)</b>	<b>(601.184)</b>	<b>(1,202.624)</b>
e	Unrecovered Cost due to 21% T&D loss Mill Rs					
<b>7</b>	<b><u>O&amp;M PAYMENT</u></b>					
a	KANUPP Mill Rs	11.516	24.269	25.489	30.147	79.905
b	PASMIC Mill Rs	2.081	1.210	1.166	0.857	3.233
c	TAPAL Mill Rs	54.428	44.452	39.725	49.682	133.859
d	GUL AHMED Mill Rs	29.201	4.566	15.837	24.556	44.959
e	NTDC/WAPDA Mill Rs	718.325	731.291	811.252	883.382	2,425.925
f	ANOUD POWER Mill Rs	8.629	7.703	6.760	5.362	19.824
h	INT IND (IIL) Mill Rs	11.456	12.377	9.691	15.059	37.127
m	TOTAL Mill Rs	<b>835.636</b>	<b>825.868</b>	<b>909.920</b>	<b>1,009.044</b>	<b>2,744.832</b>
<b>8</b>	<b><u>O&amp;M PAYMENT (Rs/kWh)</u></b>					
a	KANUPP Rs/kWh	0.519	0.519	0.519	0.519	0.519
b	PASMIC Rs/kWh	1.285	1.285	1.285	1.285	1.285
c	TAPAL Rs/kWh	0.791	0.803	0.803	0.803	0.803
d	GUL AHMED Rs/kWh	0.462	0.469	0.469	0.469	0.469
e	NTDC/WAPDA Rs/kWh	1.495	1.442	1.694	1.883	1.667
f	ANOUD POWER Rs/kWh	1.635	1.635	1.635	1.635	1.635
h	INT IND (IIL) Rs/kWh	1.574	1.575	1.572	1.571	1.573
m	TOTAL Rs/kWh	<b>1.288</b>	<b>1.305</b>	<b>1.462</b>	<b>1.540</b>	<b>1.437</b>
n	Variation over Base Rate (Mar 2011) Rs/kWh	(0.011)	0.017	0.174	0.252	0.149
o	Variation over Base Rate (Mar 2011) (8a*1m) Mill Rs	<b>(7.112)</b>	<b>10.944</b>	<b>108.186</b>	<b>165.157</b>	<b>284.288</b>

**Work Sheet- Power Purchase Cost Variation**

DESCRIPTION		Jun-11	Jul-11	Aug-11	Sep-11	Jul-Sep 2011	
<b>9 CAPACITY PAYMENT</b>							
c	TAPAL	Mill Rs	110.831	111.539	111.539	111.539	334.616
d	GUL AHMED	Mill Rs	100.400	101.377	101.377	101.377	304.132
m	TOTAL	Mill Rs	211.231	212.916	212.916	212.916	638.748
<b>10 CAPACITY PAYMENT (Rs/ kWh)</b>							
c	TAPAL	Mill Rs	1.610	2.014	2.254	1.802	2.007
d	GUL AHMED	Mill Rs	1.587	10.403	3.000	1.935	3.170
m	TOTAL	Mill Rs	0.326	0.337	0.342	0.325	0.334
n	Variation over Base Rate (Mar 2011)	Rs/kWh	(0.076)	0.011	0.016	(0.001)	0.009
o	Variation over Base Rate (Mar 2011) (10n*1m)	Mill Rs	(49.010)	6.921	10.255	(0.400)	16.375
<b>11 TOTAL O&amp;M &amp; CAPACITY PAYMENT</b>							
a	KANUPP	Mill Rs	11.516	24.269	25.489	30.147	79.905
b	PASMIC	Mill Rs	2.081	1.210	1.166	0.857	3.233
c	TAPAL	Mill Rs	165.259	155.991	151.263	161.221	468.475
d	GUL AHMED	Mill Rs	129.601	105.944	117.214	125.933	349.091
e	NTDC/WAPDA	Mill Rs	718.325	731.291	811.252	883.382	2,425.925
f	ANOUD POWER	Mill Rs	8.629	7.703	6.760	5.362	19.824
h	INT IND (IIL)	Mill Rs	11.456	12.377	9.691	15.059	37.127
m	TOTAL	Mill Rs	1,046.867	1,038.784	1,122.836	1,221.960	3,383.580
<b>12 TOTAL COST WITH O&amp;M AND CAPACITY PAYMENT</b>							
a	KANUPP	Mill Rs	213.464	400.617	468.321	485.328	1,354.266
b	PASMIC	Mill Rs	16.803	8.781	9.339	6.400	24.520
c	TAPAL	Mill Rs	1,079.132	898.886	827.934	1,004.200	2,731.020
d	GUL AHMED	Mill Rs	993.369	241.281	592.891	853.445	1,687.618
e	NTDC/WAPDA	Mill Rs	3,725.521	3,974.761	3,992.373	3,546.067	11,513.200
f	ANOUD POWER	Mill Rs	62.465	55.470	50.366	39.614	145.450
h	INT IND (IIL)	Mill Rs	38.668	41.772	34.676	55.741	132.189
m	TOTAL	Mill Rs	6,129.423	5,621.567	5,975.899	5,990.795	17,588.262
<b>13 COST OF POWER PURCHASE- TOTAL Cost/kWh</b>							
a	KANUPP	Rs/kWh	9.613	8.560	9.528	8.349	8.789
b	PASMIC	Rs/kWh	10.379	9.327	10.295	9.602	9.749
c	TAPAL	Rs/kWh	15.679	16.232	16.730	16.225	16.377
d	GUL AHMED	Rs/kWh	15.703	24.760	17.543	16.286	17.590
e	NTDC/WAPDA	Rs/kWh	7.756	7.835	8.338	7.557	7.911
f	ANOUD POWER	Rs/kWh	11.833	11.771	12.179	12.077	11.993
h	INT IND (IIL)	Rs/kWh	5.314	5.317	5.625	5.814	5.599
m	AVERAGE	Rs/kWh	9.447	8.885	9.600	9.143	9.206
<b>14 INCREASE / DECREASE IN POWER PURCHASE COST - TOTAL</b>							
a	Average Monthly cost of Power Purchase - Fuel Cos Rs/kWh		9.447	8.885	9.600	9.143299	9.206
b	Reference Rate - Previous Mqnth	Rs/kWh	10.055	9.447	9.447	9.447243	9.447
c	Increase / Decrease in Average Rate of Power Purchase Rs/kWh		(0.608)	(0.563)	0.153	(0.303944)	(0.241)
d	Total Power Purchase (Item 1m)	Mill kWh	648.806	632.724	622.483	655.211551	1,910.419
e	Increase / Decrease in Total Cost of Power Purchase (c* Mill Rs)		(394.270)	(355.934)	95.153	(199.147626)	(459.929)
f	Adjustment in cost of KANUPP						
g	Unrecovered cost from July 2009 to March 2010						
h	Total (e+f+g)		(394.270)	(355.934)	95.153	(199.148)	(459.929)
<b>15 INCREASE / DECREASE IN TARIFF</b>							
<b>TO BE ADJUSTED ON QUARTERLY BASIS</b>							
a	Total price variation in cost of power purchase (Item 14) Mill Rs		(394.270)	(355.934)	95.153	(199.148)	(459.929)
<b>Units Sent Out</b>							
b	KESC	Mill kWh	735.539	670.325	791.496	630.659	2,092.480
c	Power Purchase	Mill kWh	648.806	632.724	622.483	655.212	1,910.419
d	Total Units Sent Out (b+c)	Mill kWh	1,384.345	1,303.049	1,413.979	1,285.870	4,002.898
e	Trans & Dist Losses		23.0%	21.0%	21.0%	21.0%	21.0%
f	Units Sold (15d-15e)	Mill kWh	1,065.946	1,029.409	1,117.044	1,015.837	3,162.290
g	Increase / Decrease in Tariff						
h	Power Purchase (15a/15f)	Ps/kWh	(36.988)	(34.577)	8.518	(19.604)	(14.544)
<b>16 INCREASE / DECREASE IN REVENUE</b>							
a	Units Sold (Item 15f)	Mill kWh	1,065.946	1,029.409	1,117.044	1,015.837	3,162.290
b	Increase / Decrease in Tariff (Item 15h)	Ps/kWh	(36.988)	(34.577)	8.518	(19.604)	(14.544)
c	Increase / Decrease in Revenue (a*b)	Mill Rs	(394.270)	(355.934)	95.153	(199.148)	(459.929)
d	Accumulated increase / decrease in revenue	Mill Rs	(585.352)	(355.934)	(260.781)	(459.929)	(920.182)

STATION-WISE GENERATION AND SENT OUT - ACTUAL

DESCRIPTION		Jun-11	Jul-11	Aug-11	Sep-11	Jul - Sep 2011
<b>1 Units Generated</b>	Mill kwh					
i Bin Qasim		511.222990	431.864960	543.074960	395.682815	1,370.622735
ii Bin Qasim II - 560 MW				9.602038	74.123283	83.725321
iii Korangi Thermal		33.000000	39.100000	40.600000	39.910000	119.610000
v Korangi Town Gas Turb II		59.740550	62.357647	60.528920	50.158477	173.045044
vii Site Gas Turbine II		55.242994	59.419972	60.150693	37.506862	157.077527
viii Korangi CCPP		124.115451	121.128087	128.957515	74.246514	324.332116
Total KESC		<b>783.321985</b>	<b>713.870666</b>	<b>842.914126</b>	<b>671.627951</b>	<b>2,228.412743</b>
<b>2 Units Sent out</b>	Mill kwh					
i Bin Qasim		468.928350	394.837740	497.447280	359.532360	1,251.817380
ii Bin Qasim II - 560 MW				6.709600	65.532400	72.242000
iii Korangi Thermal		28.688220	34.527240	35.760780	35.308350	105.596370
v Korangi Town Gas Turb II		58.362508	60.962072	59.172501	48.995052	169.129625
vii Site Gas Turbine II		53.909100	58.039600	58.761300	36.521100	153.322000
viii Korangi CCPP		115.506820	112.423826	120.019250	68.968485	301.411561
Total KESC		<b>725.394998</b>	<b>660.790478</b>	<b>777.870711</b>	<b>614.857747</b>	<b>2,053.518936</b>
<b>3 Auxiliary Consumption</b>	Mill kwh					
i Bin Qasim		42.294640	37.027220	45.627680	36.150455	118.805355
ii Bin Qasim II - 560 MW				2.892438	8.590883	11.483321
iii Korangi Thermal		4.311780	4.572760	4.839220	4.601650	14.013630
v Korangi Town Gas Turb II		1.378042	1.395575	1.356419	1.163425	3.915419
vii Site Gas Turbine II		1.333894	1.380372	1.389393	0.985762	3.755527
viii Korangi CCPP		8.608631	8.704261	8.938265	5.278029	22.920555
Total KESC		<b>57.926987</b>	<b>53.080188</b>	<b>65.043415</b>	<b>56.770204</b>	<b>174.893807</b>
<b>4 Auxiliary Consumption</b>						
i Bin Qasim		8.3%	8.6%	8.4%	9.1%	8.7%
ii Bin Qasim II - 560 MW				30.1%	11.6%	13.7%
iii Korangi Thermal		13.1%	11.7%	11.9%	11.5%	11.7%
v Korangi Town Gas Turb II		2.3%	2.2%	2.2%	2.3%	2.3%
vii Site Gas Turbine II		2.4%	2.3%	2.3%	2.6%	2.4%
viii Korangi CCPP		6.9%	7.2%	6.9%	7.1%	7.1%
Total KESC		7.4%	7.4%	7.7%	8.5%	7.8%

STATION-WISE GENERATION AND SENT OUT AT 6.1% AUXILIARY CONSUMPTION

DESCRIPTION		Jun-11	Jul-11	Aug-11	Sep-11	Sep-11
<b>5 Units Sent out</b>	Mill kwh					
i Bin Qasim		479.072696	404.371817	511.072933	375.333259	1,290.778010
ii Bin Qasim II - 560 MW				6.709600	65.532400	72.242000
iii Korangi Thermal		28.688220	34.527240	35.760780	35.308350	105.596370
v Korangi Town Gas Turb II		58.362508	60.962072	59.172501	48.995052	169.129625
vii Site Gas Turbine II		53.909100	58.039600	58.761300	36.521100	153.322000
viii Korangi CCPP		115.506820	112.423826	120.019250	68.968485	301.411561
Total KESC		<b>735.539344</b>	<b>670.324555</b>	<b>791.496364</b>	<b>630.658646</b>	<b>2,092.479566</b>
Check						
<b>6 Auxiliary Consumption</b>	Mill kwh					
i Bin Qasim		32.150294	27.493143	32.002027	20.349556	79.844725
ii Bin Qasim II - 560 MW				2.892438	8.590883	11.483321
iii Korangi Thermal		4.311780	4.572760	4.839220	4.601650	14.013630
v Korangi Town Gas Turb II		1.378042	1.395575	1.356419	1.163425	3.915419
vii Site Gas Turbine II		1.333894	1.380372	1.389393	0.985762	3.755527
viii Korangi CCPP		8.608631	8.704261	8.938265	5.278029	22.920555
Total KESC		<b>47.782641</b>	<b>43.546111</b>	<b>51.417762</b>	<b>40.969305</b>	<b>135.933177</b>
<b>7 Auxiliary Consumption at 6.1%</b>						
i Bin Qasim		6.3%	6.4%	5.9%	5.1%	5.8%
ii Bin Qasim II - 560 MW				30.1%	11.6%	13.7%
iii Korangi Thermal		13.1%	11.7%	11.9%	11.5%	11.7%
v Korangi Town Gas Turb II		2.3%	2.2%	2.2%	2.3%	2.3%
vii Site Gas Turbine II		2.4%	2.3%	2.3%	2.6%	2.4%
viii Korangi CCPP		6.9%	7.2%	6.9%	7.1%	7.1%
Total KESC		6.1%	6.1%	6.1%	6.1%	6.1%

**WORKING OF GENERATION ON GAS AND FURNACE OIL AND COST OF FUEL**

DESCRIPTION		Jun-11	Jul-11	Aug-11	Sep-11	Sep-11	
<b>8</b>	<b>Fuel Consumption at BQPS</b>						
a.	<b>Gas Consumption</b>	000 CM	63,517.421	66,509.822	82,653.280	74,033.918	223,197.020
		MMCF	2,254.481	2,360.693	2,933.688	2,627.753	7,922.134
		MMCFD	75.15	76.15	94.64	87.59	86.11
		BTU/MCF	916,210	911,320	902,960	906,148	906,809
		Million BTU	2,065,578	2,151,347	2,649,003	2,381,132	7,181,482
			39.0%	48.4%	47.3%	56.4%	50.3%
b.	<b>Furnace Oil consumption</b>	M. Ton	80,169.13	56,883.20	73,276.00	45,710.15	175,869.35
		BTU/M.Ton	40,351,500	40,351,500	40,351,500	40,351,500	40,351,500
		Million BTU	3,234,945	2,295,322	2,956,797	1,844,473	7,096,592
			61.0%	51.6%	52.7%	43.6%	49.7%
c.	<b>Total fuel consumption</b>	Million BTU	5,300,523	4,446,670	5,605,799	4,225,605	14,278,074
	Actual Unit-wise Generation on Gas			213.458566	268.574054	227.631242	709.663862
				0.494271557	0.494543247	0.575287158	0.517767467
	Actual Unit-wise Generation on Furnace Oil			218.406394	274.500906	168.051573	660.958873
				0.505728443	0.505456753	0.424712842	0.482232533
	Total actual generation at Bin Qasim			431.86496	543.07496	395.682815	1370.622735
<b>9</b>	<b>Sent out - BQPS</b>						
a.	<b>On gas</b>	Mill kWh	186.691428	199.869488	252.747668	215.924404	668.322861
b.	<b>On Furnace Oil</b>	Mill kWh	292.381268	204.502330	258.325265	159.408855	622.455149
			<b>479.072696</b>	<b>404.371817</b>	<b>511.072933</b>	<b>375.333259</b>	<b>1,290.778010</b>
<b>10</b>	<b>Generation on Gas</b>	Mill kWh					
i.	Bin Qasim		186.691428	199.869488	252.747668	215.924404	668.322861
ii.	Bin Qasim II - 560 MW				6.709600	65.532400	72.242000
iii.	Korangi Thermal		28.688220	34.527240	35.760780	35.308350	105.596370
v.	Korangi Town Gas Turb II		58.362508	60.962072	59.172501	48.995052	169.129625
vii.	Site Gas Turbine II		53.909100	58.039600	58.761300	36.521100	153.322000
viii.	Korangi CCPP		115.506820	112.423826	120.019250	68.968485	301.411561
	Total KESC		<b>443.158076</b>	<b>465.822226</b>	<b>533.171099</b>	<b>471.249791</b>	<b>1,470.024417</b>
<b>11</b>	<b>Generation on F.Oil - BQPS</b>		292.381268	204.502330	258.325265	159.408855	622.455149
<b>12</b>	<b>Tota Generation at Bus Bar</b>		<b>735.539344</b>	<b>670.324555</b>	<b>791.496364</b>	<b>630.658646</b>	<b>2,092.479566</b>
			39.8%	30.5%	32.6%	25.3%	29.7%
			<b>479.072696</b>	<b>404.371817</b>	<b>511.072933</b>	<b>375.333259</b>	<b>1,290.778010</b>
<b>13</b>	<b>Price of Gas</b>						
a.	<b>Gas Consumption</b>						
i.	Bin Qasim	Mill Btu	2,065,578	2,151,347	2,649,003	2,381,132	7,181,482
ii.	Bin Qasim II - 560 MW				142,191	877,434	1,019,624
iii.	Korangi Thermal	Mill Btu	439,296	512,131	535,577	513,176	1,560,885
v.	Korangi Town Gas Turb II	Mill Btu	579,633	600,270	580,255	492,944	1,673,469
vii.	Site Gas Turbine II	Mill Btu	523,791	558,847	558,847	365,716	1,483,410
viii.	Korangi CCPP	Mill Btu	1,073,852	1,039,973	1,108,530	602,020	2,750,522
	Total KESC	Mill Btu	<b>4,682,150</b>	<b>4,862,568</b>	<b>5,574,402</b>	<b>5,232,421</b>	<b>15,669,392</b>
b.	<b>Cost of Gas Consumed - of item 13a</b>						
i.	Bin Qasim	Mill Rs.	813.414	847.182	1,234.995	1,064.866	3,147.044
ii.	Bin Qasim II - 560 MW				63.579	392.360	455.940
iii.	Korangi Thermal	Mill Rs.	172.991	201.672	233.398	229.461	664.531
v.	Korangi Town Gas Turb II	Mill Rs.	228.255	236.381	253.750	220.414	710.546
vii.	Site Gas Turbine II	Mill Rs.	206.264	221.622	244.592	163.526	629.740
viii.	Korangi CCPP	Mill Rs.	422.872	409.529	485.373	269.186	1,164.089
	Total KESC	Mill Rs.	<b>1,843.796</b>	<b>1,916.388</b>	<b>2,515.688</b>	<b>2,339.813</b>	<b>6,771.889</b>
c.	<b>Gas Price (item 13b / item 13a)</b>						
i.	Bin Qasim	Rs/Mill Btu	393.79	393.79	466.21	447.21	438.22
ii.	Bin Qasim II - 560 MW	Rs/Mill Btu	-	-	447.14	447.17	447.16
iii.	Korangi Thermal	Rs/Mill Btu	393.79	393.79	435.79	447.14	425.74
v.	Korangi Town Gas Turb II	Rs/Mill Btu	393.79	393.79	437.31	447.14	424.59
vii.	Site Gas Turbine II	Rs/Mill Btu	393.79	396.57	437.67	447.14	424.52
viii.	Korangi CCPP	Rs/Mill Btu	393.79	393.79	437.85	447.14	423.22
	Total KESC	Rs/Mill Btu	393.79	394.11	451.29	447.18	432.17
<b>14</b>	<b>Price of Furnace Oil</b>						
a.	Quantity	M. Ton	80,169.13	56,883.20	73,276.00	45,710.15	175,869.35
b.	Cost of Furnace Oil	Mill Rs.	4,752.947	3,397.418	4,492.522	2,773.669	10,663.609
	<b>Furnace oil Price</b>	Rs/M.Ton	<b>59,286.50</b>	<b>59,726.22</b>	<b>61,309.59</b>	<b>60,679.49</b>	<b>60,633.70</b>

Break of Cost of Power Purchases

DESCRIPTION		Jun-11	Jul-11	Aug-11	Sep-11	Jul-Sep 2011
<b>1 KANUPP</b>						
Units Purchased	Mill kWh	22.206624	46.799808	49.151520	58.132800	154.084128
Fuel Cost	Mill Rs	201.947927	376.347435	442.831925	455.181248	1,274.360608
Variable O & M	Mill Rs	11.515911	24.269444	25.488995	30.146507	79.904947
<b>Total Cost</b>	<b>Mill Rs</b>	<b>213.463838</b>	<b>400.616879</b>	<b>468.320920</b>	<b>485.327755</b>	<b>1,354.265555</b>
<b>RATE OF PURCHASE FROM KANUPP</b>						
Fuel Cost	Rs/kWh	9.094040	8.041645	9.009527	7.830024	8.270551
Variable O & M	Rs/kWh	0.518580	0.518580	0.518580	0.518580	0.518580
<b>Total Cost</b>	<b>Rs/kWh</b>	<b>9.612620</b>	<b>8.560225</b>	<b>9.528107</b>	<b>8.348604</b>	<b>1.062702</b>
<b>2 PASMIC</b>						
Units Purchased	Mill kWh	1.618899	0.941415	0.907181	0.666574	2.515170
Fuel Cost	Mill Rs	14.722332	7.570525	8.173271	5.543621	21.287417
Variable O & M	Mill Rs	2.080884	1.210067	1.166063	0.856794	3.232924
<b>Total Cost</b>	<b>Mill Rs</b>	<b>16.803216</b>	<b>8.780592</b>	<b>9.339335</b>	<b>6.400415</b>	<b>24.520341</b>
<b>RATE OF PURCHASE FROM PASMIC</b>						
Fuel Cost	Rs/kWh	9.094040	8.041645	9.009527	8.316587	8.463610
Variable O & M	Rs/kWh	1.285370	1.285370	1.285370	1.285370	1.285370
<b>Total Cost</b>	<b>Rs/kWh</b>	<b>10.379410</b>	<b>9.327015</b>	<b>10.294897</b>	<b>9.601957</b>	<b>9.748980</b>
<b>3 Tapal Energy Ltd.</b>						
Units Purchased	Mill kWh	68.826100	55.378100	49.488800	61.894000	166.760900
Fuel cost	Mill Rs	913.873629	742.894713	676.670384	842.979227	2,262.544325
Variable O & M	Mill Rs	54.427680	44.452001	39.724660	49.682314	133.858974
Total Energy Purchase Price	Mill Rs	968.301309	787.346714	716.395044	892.661541	2,396.403299
Capacity Purchase Price	Mill Rs	110.830938	111.538815	111.538815	111.538815	334.616445
<b>Total Cost</b>	<b>Mill Rs</b>	<b>1,079.132247</b>	<b>898.885529</b>	<b>827.933859</b>	<b>1,004.200356</b>	<b>2,731.019744</b>
Payment of WWF for the year ended June 30 2009 and 2010		-	-	-	-	-
Payment of WPPF for the year ended June 30 2009 and 2010		-	-	-	-	-
<b>Total Cost</b>		<b>1,079.132247</b>	<b>898.885529</b>	<b>827.933859</b>	<b>1,004.200356</b>	<b>2,731.019744</b>
<b>RATE OF PURCHASE FROM TAPAL</b>						
Fuel cost	Rs/kWh	13.278	13.415	13.673	13.620	13.568
Variable O & M	Rs/kWh	0.791	0.803	0.803	0.803	0.803
Total Energy Purchase Price	Rs/kWh	14.069	14.218	14.476	14.422	14.370
Capacity Purchase Price	Rs/kWh	1.610	2.014	2.254	1.802	2.007
<b>Total Cost</b>	<b>Rs/kWh</b>	<b>15.679</b>	<b>16.232</b>	<b>16.730</b>	<b>16.225</b>	<b>16.377</b>
Adj of WPPF and WWF for the year ended June 30 2009 and 2010		15.679	16.232	16.730	16.225	16.377
<b>4 Gul Ahmed Energy Ltd.</b>						
Units Purchased	Mill kWh	63.261312	9.744768	33.796258	52.402699	95.943725
Fuel cost	Mill Rs	863.767873	135.337533	475.676988	727.512265	1,338.526786
Variable O & M	Mill Rs	29.201422	4.566398	15.836926	24.555905	44.959230
Total Energy Purchase Price	Mill Rs	892.969295	139.903931	491.513914	752.068170	1,383.486015
Capacity Purchase Price	Mill Rs	100.399850	101.377175	101.377175	101.377175	304.131525
<b>Total Cost</b>	<b>Mill Rs</b>	<b>993.369145</b>	<b>241.281106</b>	<b>592.891089</b>	<b>853.445345</b>	<b>1,687.617540</b>
Payment of WWF for the year ended June 30 2009 and 2010		-	-	-	-	-
Payment of WPPF for the year ended June 30 2009 and 2010		-	-	-	-	-
<b>Total Cost</b>		<b>993.369145</b>	<b>241.281106</b>	<b>592.891089</b>	<b>853.445345</b>	<b>1,687.617540</b>
<b>RATE OF PURCHASE FROM GUL AHMED</b>						
Fuel cost	Rs/kWh	13.654	13.888	14.075	13.883	13.951
Variable O & M	Rs/kWh	0.462	0.469	0.469	0.469	0.469
Total Energy Purchase Price	Rs/kWh	14.116	14.357	14.543	14.352	14.420
Capacity Purchase Price	Rs/kWh	1.587	10.403	3.000	1.935	3.170
<b>Total Cost</b>	<b>Rs/kWh</b>	<b>15.703</b>	<b>24.760</b>	<b>17.543</b>	<b>16.286</b>	<b>17.590</b>
Adj of WPPF and WWF for the year ended June 30 2009 and 2010		-	-	-	-	-
<b>5 NTDC/WAPDA</b>						
Units Imported	Mill kWh	480.336800	507.291600	478.839200	469.248700	1,455.379500
Maximum Demand	MW	780	800	790	820	2,410
Use of system charges	Mill Rs	78.117000	80.120000	79.118500	82.123000	241.361500
Energy Transfer Charges						
- Capacity Transfer charges	Mill Rs	640.207668	651.170641	732.133793	801.259408	2,184.563842
- Energy Transfer Charges I	Mill Rs	3,004.823226	3,201.705493	3,144.597360	2,634.003696	8,980.306549
- Energy Transfer Charges II	Mill Rs	49.616870	58.733207	45.347509	28.680481	132.761197
Adjustment for Finance Cost to IPPs		(47.243526)	(16.968397)	(8.824528)	-	(25.792925)
Total Energy Transfer Charges	Mill Rs	<b>3,694.647764</b>	<b>3,894.640944</b>	<b>3,913.254134</b>	<b>3,463.943585</b>	<b>11,271.838663</b>
Total Cost without GST	Mill Rs	3,772.764764	3,974.760944	3,992.372634	3,546.066585	11,513.200163
GST @ 16%	Mill Rs	510.819948	512.272879	503.135578	421.440591	1,436.849048
<b>Total Cost With GST</b>	<b>Mill Rs</b>	<b>4,283.584712</b>	<b>4,487.033823</b>	<b>4,495.508212</b>	<b>3,967.507176</b>	<b>12,950.049211</b>

Break of Cost of Power Purchases

DESCRIPTION	Jun-11	Jul-11	Aug-11	Sep-11	Jul-Sep 2011	
<b><u>RATE OF PURCHASE FROM NTDC</u></b>						
Use of system charges	Rs/kWh	0.163	0.158	0.165	0.175	0.166
Energy Transfer Charges						
- Capacity Transfer charges	Rs/kWh	1.333	1.284	1.529	1.708	1.501
- Energy Transfer Charges I	Rs/kWh	6.2557	6.3114	6.5671	5.6132	6.1704
- Energy Transfer Charges II	Rs/kWh	0.1033	0.1158	0.0947	0.0611	0.0912
Adjustment for Finance Cost		(0.0984)	(0.0334)	(0.0184)	-	-
Total Energy Transfer Charges	Rs/kWh	7.692	7.677	8.172	7.382	7.745
Total Cost without GST	Rs/kWh	7.854	7.835	8.338	7.557	7.911
GST @ 16%	Rs/kWh	1.063	1.010	1.051	0.898	0.987
Total Cost With GST	Rs/kWh	8.918	8.845	9.388	8.455	8.898
<b>6 ANOUD Power</b>						
Units Purchased	Mill kWh	5.279084	4.712445	4.135375	3.280092	12.127912
Energy Charges	Mill Rs	53.836099	47.767227	43.605875	34.252361	125.625463
Variable O & M	Mill Rs	8.629191	7.702963	6.759684	5.361638	19.824285
Total Cost	Mill Rs	<b>62.465289</b>	<b>55.470190</b>	<b>50.365559</b>	<b>39.613999</b>	<b>145.449748</b>
GST @ 16%		10.619099	8.875230	8.058489	6.338240	23.271960
		73.084389	64.345421	58.424049	45.952239	168.721708
<b><u>RATE OF PURCHASE FROM ANOUD POWER</u></b>						
Energy Charges	Rs/kWh	10.198000	10.136400	10.544600	10.442500	10.358375
Variable O & M	Rs/kWh	1.634600	1.634600	1.634600	1.634600	1.634600
Total Cost	Rs/kWh	11.832600	11.771000	12.179200	12.077100	11.992975
<b>7 INTL. STEEL - Original Invoice</b>						
Units Purchased	Mill kWh	7.005982	7.642146	5.896119	9.144433	22.682698
Fuel Cost	Mill Rs	26.251415	28.635121	23.929488	38.900418	91.465027
Variable and other charges	Mill Rs	10.747176	11.723052	9.044647	14.027560	34.795259
Differential due to increase in borrowing cost	Mill Rs	0.259221	0.298044	0.200468	0.295986	0.794498
Amount excluding GST	Mill Rs	<b>37.257812</b>	<b>40.656217</b>	<b>33.174602</b>	<b>53.223964</b>	<b>127.054783</b>
GST @ 16%	Mill Rs	6.333828	6.504995	5.307936	8.515834	20.328765
Amount payable with GST	Mill Rs	43.591640	47.161212	38.482538	61.739798	147.383549
<b><u>Rate of Purchase from IIL Industries</u></b>						
Fuel Cost	Rs/kWh	3.747000	3.747000	4.058515	4.254000	4.032370
Variable and other charges	Rs/kWh	1.534000	1.534000	1.534000	1.534000	1.534000
Differential due to increase in borrowing cost	Rs/kWh	0.037000	0.039000	0.034000	0.032368	0.035027
Rate excluding GST		5.318000	0.039000	5.626515	5.820368	5.601396
GST @ 16%		0.904060	0.851200	0.900242	0.931259	0.896223
Rate with GST		6.222060	6.171200	6.526757	6.751627	6.497620
<b>Intl. Steel Verified for Payment</b>						
Units Purchased	Mill kWh	7.005982	7.642146	5.896119	9.144433	22.682698
Fuel Cost	Mill Rs	26.251415	28.635121	23.929488	38.900418	91.465027
Variable and other charges	Mill Rs	10.747176	11.723052	9.044647	14.027560	34.795259
Differential due to increase in borrowing cost	Mill Rs	0.259221	0.298044	0.200468	0.295986	0.794498
Amount excluding GST	Mill Rs	<b>37.257812</b>	<b>40.656217</b>	<b>33.174602</b>	<b>53.223964</b>	<b>127.054783</b>
GST @ 17%	Mill Rs	6.333828	6.504995	5.307936	8.515834	20.328765
Amount payable with GST	Mill Rs	43.591640	47.161212	38.482538	61.739798	147.383549
<b><u>Rate of Purchase from IIL Industries</u></b>						
Fuel Cost	Rs/kWh	3.747000	3.747000	4.058515	4.254000	4.032370
Variable and other charges	Rs/kWh	1.534000	1.534000	1.534000	1.534000	1.534000
Differential due to increase in borrowing cost	Rs/kWh	0.037000	0.039000	0.034000	0.032368	0.035027
Rate excluding GST		5.318000	5.320000	5.626515	5.820368	5.601396
GST @ 16%		0.904060	0.900000	0.900242	0.931259	0.896223
Rate with GST		6.222060	6.171200	6.526757	6.751627	6.497620
<b>8 IIL INDUSTRIES 4 MW- Original Invoice</b>						
Units Purchased	Mill kWh	0.270702	0.214133	0.268323	0.442253	0.924709
Fuel Cost	Mill Rs	0.960721	0.759744	1.055317	1.781837	3.596898
Variable and other charges	Mill Rs	0.449907	0.355889	0.445953	0.735024	1.536866
Differential due to increase in borrowing cost	Mill Rs	-	-	-	-	-
Amount excluding GST	Mill Rs	<b>1.410628</b>	<b>1.115633</b>	<b>1.501269</b>	<b>2.516862</b>	<b>5.133764</b>
GST @ 16%	Mill Rs	0.239807	0.178501	0.240203	0.402698	0.821402
Amount payable with GST	Mill Rs	1.650435	1.294134	1.741472	2.919560	5.955166
<b><u>Rate of Purchase from IIL Industries</u></b>						
Fuel Cost	Rs/kWh	3.549000	3.548000	3.933008	4.029000	3.889762
Variable and other charges	Rs/kWh	1.662000	1.662000	1.662000	1.662000	1.662000
Differential due to increase in borrowing cost	Rs/kWh	-	-	-	-	-
Rate excluding GST		5.211000	5.210000	5.595008	5.691000	5.551762
GST @ 16%		0.885870	0.833600	0.895201	0.910560	0.888282
Rate with GST		6.096870	6.043600	6.490210	6.601560	6.440044

Break of Cost of Power Purchases

DESCRIPTION		Jun-11	Jul-11	Aug-11	Sep-11	Jul-Sep 2011
<b><u>IIL INDUSTRIES 4 MW- Verified for Payment</u></b>						
Units Purchased	Mill kWh	0.270702	0.214133	0.268323	0.442253	0.924709
Fuel Cost	Mill Rs	0.960721	0.759744	1.055317	1.781837	3.596898
Variable and other charges	Mill Rs	0.449907	0.355889	0.445953	0.735024	1.536866
Differential due to increase in borrowing cost	Mill Rs					
Amount excluding GST	Mill Rs	<b>1.410628</b>	<b>1.115633</b>	<b>1.501269</b>	<b>2.516862</b>	<b>5.133764</b>
GST @ 16%	Mill Rs	0.239807	0.178501	0.240203	0.402698	0.821402
Amount payable with GST	Mill Rs	1.650435	1.294134	1.741472	2.919560	5.955166
<b><u>Rate of Purchase from IIL Industries</u></b>						
Fuel Cost	Rs/kWh	3.549000	3.548000	3.933008	4.029000	3.889762
Variable and other charges	Rs/kWh	1.662000	1.662000	1.662000	1.662000	1.662000
Differential due to increase in borrowing cost	Rs/kWh					
Rate excluding GST		5.211000	5.210000	5.595008	5.691000	5.551762
GST @ 16%		0.885870	0.833600	0.895201	0.910560	0.888282
Rate with GST		6.096870	6.043600	6.490210	6.601560	6.440044
<b><u>IIL INDUSTRIES COMBINED - Verified for Payment</u></b>						
Units Purchased	Mill kWh	7.276684	7.856279	6.164442	9.586686	23.607407
Fuel Cost	Mill Rs	27.212136	29.394865	24.984804	40.682255	95.061924
Variable and other charges	Mill Rs	11.197083	12.078941	9.490599	14.762585	36.332125
Differential due to increase in borrowing cost	Mill Rs	0.259221	0.298044	0.200468	0.295986	0.794498
Amount excluding GST	Mill Rs	<b>38.668440</b>	<b>41.771850</b>	<b>34.675872</b>	<b>55.740826</b>	<b>132.188548</b>
GST @ 17%	Mill Rs	6.573635	7.101214	5.894898	9.475940	22.472053
Amount payable with GST	Mill Rs	45.242075	48.873064	40.570770	65.216766	154.660601
<b><u>RATE OF PURCHASE FROM IIL</u></b>						
Fuel Cost	Rs/kWh	3.739634	3.741576	4.053052	4.243620	4.026784
Variable and other charges	Rs/kWh	1.538762	1.537489	1.539572	1.539905	1.539014
Differential due to increase in borrowing cost	Rs/kWh	0.035624	0.037937	0.032520	0.030875	0.033655
Rate excluding GST		5.314019	5.317002	5.625144	5.814400	5.599452
GST @ 17%		0.903383	0.903890	0.956274	0.988448	0.951907
Rate with GST		6.217403	6.220892	6.581418	6.802848	6.551359

**PLANT WISE CONSUMPTION OF GAS ON EACH POWER PLANT OF KESCL DURING THE MONTH OF SEPTEMBER, 2011**

Description	MMBTU (As per Bills)	Cubic Meters	GCV (KESC)	MMCF	MMCFD	BTU/CF	MMBTUS	Amount excluding Meter rent	Rs/MMBTU (KESC)
<b>BIN QASIM</b>									
Bin Qasim Power Station (1)	474,559,825	14,752,865	906.280	523.637	17.455	16,844.044	474,561.570	212,194,680	447.14
Bin Qasim Power Station (2)	472,031,379	14,674,262	906.280	520.847	17.362	16,754.299	472,033.115	211,064,111	447.14
Bin Qasim Power Station (3)	474,780,428	14,759,723	906.280	523.880	17.463	16,851.874	474,782.174	212,293,321	447.14
Bin Qasim Power Station (4)	482,201,649	14,990,430	906.280	532.069	17.736	17,115.283	482,203.423	215,611,645	447.14
Bin Qasim Power Station (5)	477,897,922	14,856,638	906.280	527.320	17.577	16,962.527	477,899.680	213,687,277	447.14
Bin Qasim Power Station (6)	-	-	906.280	-	-	-	-	15,077	-
<b>Total</b>	<b>2,381,471,203</b>	<b>74,033,918</b>	<b>906.280</b>	<b>2,627.75</b>	<b>87.59</b>	<b>84,528.027</b>	<b>2,381,479.961</b>	<b>1,064,866,111</b>	<b>447.15</b>

**BIN QASIM COMBINED CYCLE POWER PLANT**

Bin Qasim Power Station (7)	308,303,202	9,584,367	906.280	340.187	11.340	10,942.925	308,304.336	137,854,693	447.14
Bin Qasim Power Station (8)	56,386,778	1,753,677	905.890	62.245	2.075	2,001.394	56,386.985	25,212,784	447.14
Bin Qasim Power Station (9)	58,000,624	1,803,869	905.890	64.026	2.134	2,058.676	58,000.837	25,934,399	447.14
Bin Qasim Power Station (10)	135,926,482	4,226,252	906.140	150.006	5.000	4,824.566	135,926.612	60,778,167	447.14
Bin Qasim Power Station (11)	318,871,897	9,912,921	906.280	351.848	11.728	11,318.051	318,873.070	142,580,380	447.14
<b>Total</b>	<b>877,488,983</b>	<b>27,281,086</b>	<b>906.207</b>	<b>968.3123</b>	<b>32.28</b>	<b>31,145.613</b>	<b>877,491.841</b>	<b>392,360,423</b>	<b>447.14</b>

**KORANGI THERMAL POWER STATION**

Korangi Thermal Power Station	513,173,823	14,967,809	965.950	531.266	17.709	18,214.635	513,176.393	229,460,543	447.14
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**KORANGI OWN GAS TURBINE-II**

Korangi Town Gas Turbine	492,941,856	14,889,913	932.720	528.501	17.617	17,496.495	492,943.622	220,414,021	447.14
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**SITE GAS TURBINE-II**

Site Gas Turbine	202,070,938	6,236,184	912.920	221.347	7.378	7,172.313	202,071.676	90,353,999	447.14
Site Gas Turbine - 2	163,643,759	5,050,269	912.920	179.254	5.975	5,808.378	163,644.357	73,171,671	447.14
<b>Total</b>	<b>365,714,697</b>	<b>11,286,453</b>	<b>912.920</b>	<b>400.6003</b>	<b>13.353</b>	<b>12,980.691</b>	<b>365,716.034</b>	<b>163,525,670</b>	<b>447.14</b>

**KORANGI COMBINED CYCLE**

Korangi Thermal Power Station (KTPS 1)	290,241,805	8,477,180	964.620	300.888	10.030	10,301.851	290,242.809	129,778,721	447.14
Korangi Thermal Power Station (KTPS 2)	311,775,633	9,106,125	964.620	323.212	10.774	11,066.173	311,776.711	139,407,356	447.14
<b>Total</b>	<b>602,017,438</b>	<b>17,583,305</b>	<b>964.620</b>	<b>624.1002</b>	<b>20.803</b>	<b>21,368.025</b>	<b>602,019.521</b>	<b>269,186,077</b>	<b>447.14</b>

<b>Total</b>	<b>5,232,806,000</b>	<b>160,042,484</b>	<b>921.186</b>	<b>5,680.5330</b>	<b>189.35</b>	<b>921.19</b>	<b>5,232,827.371</b>	<b>2,339,812,845</b>	<b>447.14</b>
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