

Ref. No. RA&SP/NEPRA/071/1460
Dated: August 29, 2016

The Registrar
NEPRA
Islamabad

Subject: **PROVISIONAL MONTHLY FUEL COST ADJUSTMENT (FCA) DUE TO VARIATION IN FUEL AND POWER PURCHASE PRICE FOR THE MONTH OF JULY 2016**

Dear Sir

This is with reference to fuel cost adjustment based on units sent out for the month of July 2016, as per the Multi Year Tariff Petition (I-MYT Petition) filed by K-Electric (KE) for the period commencing from July 1, 2016 to June 30, 2026.

Required Monthly Adjustment (Provisional):

This submission is based on the XWDISCOs rates notified by authority vide its letter No. NEPRA/R/TRF-100/MFPA/ it 313 — 32 dated August 29, 2016. The units sent out on Gas and Furnace oil at BQPS-I have been worked out in the ratio of actual units generated on Gas & Furnace Oil at BQPS-I. The summarized position is as under;

DESCRIPTION	July 2016 (Over June-16)	
	(Mill. Rs.)	(Ps./kWh)
Fuel Price Variation	202.234	12.359
Power Purchase Price Variation	35.650	2.179
Total Fuel Costs Adjustment	237.884	14.538

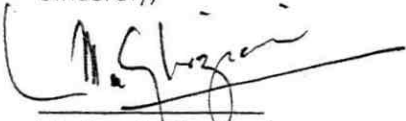
Registrar
By No. 8880
Dated: 06-09-16

Economic Dispatch Order

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

As the I-MYT petition is in process of approval, this submission is provisional and in case of any adjustments, if required, revised petition will be filed accordingly.

Sincerely,



M. Aamir Ghaziani
Director (Finance & Regulations)

Encl.

K Electric Limited (Formerly KESC Ltd.)

FCA for the month of July-2016

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

DESCRIPTION	Unit	Jun-16	Jul-16
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MONTHLY ALLOWABLE ADJUSTMENT ON UNITS SENT OUT BASIS

I a. Monthly Variation in			
i Fuel Price	Mill Rs.	794.005	202.234
ii Power Purchase Price - Fuel component	Mill Rs.	(180.939)	35.650
iii Total Monthly Variation (i + ii) - Over Reference Tariff	Mill Rs.	613.066	237.884
b. Units Sent Out	Mill kWh	1,634.889	1,636.363
II a. Monthly Variation in FSA - due to			
i Fuel Price	Ps/kWh	48.566	12.359
ii Power Purchase Price - Fuel component	Ps/kWh	(11.067)	2.179
b. Monthly increase/decrease to be passed to Consumers (i+ii)	Ps/kWh	37.499	14.538

Work Sheet- Generation Fuel Cost Variation

DESCRIPTION		Jun-16	Jul-16
1 UNITS SENT OUT - KE			
1a UNITS SENT OUT ON GAS			
i Bin Qasim	Mill kWh	142.263	131.388
ii Bin Qasim II - CCPP	Mill kWh	325.582	342.450
iii Korangi Gas 2	Mill kWh	49.614	47.071
iv Site Gas 2	Mill kWh	47.554	48.901
v Korangi combined *	Mill kWh	135.884	133.506
Total	Mill kWh	700.897	703.315
1b UNITS SENT OUT ON F. OIL			
i Bin Qasim	Mill kWh	310.145	309.516
Total	Mill kWh	310.145	309.516
1c TOTAL UNITS SENT OUT (1 + 2)			
i Bin Qasim	Mill kWh	452.408	440.904
ii Bin Qasim II - CCPP	Mill kWh	325.582	342.450
iii Korangi Gas 2	Mill kWh	49.614	47.071
iv Site Gas 2	Mill kWh	47.554	48.901
v Korangi combined	Mill kWh	135.884	133.506
Total	Mill kWh	1,011.042	1,012.832
2 HEAT RATE AT BUS BAR			
2a Heat Rate of GAS - of item 1			
i Bin Qasim	Btu/kWh	10,650	10,650
ii Bin Qasim II - CCPP	Btu/kWh	8,605	8,605
iii Korangi Gas 2	Btu/kWh	9,500	9,500
iv Site Gas 2	Btu/kWh	9,500	9,500
v Korangi combined	Btu/kWh	9,110	9,110
2b Conversion Factor			
i Bin Qasim	Kg/kWh	0.264	0.264
ii Korangi Thermal	Kg/kWh	0.340	0.340
3 FUEL PRICES			
a. Fuel Prices- Gas (Rs/MMBTu)	Rs/MMBTu	613.00	613.00
b. Fuel Price -F.O (Rs/Kg)	Rs/Kg	27,658	30,064
4 COST OF FUEL			
4a COST OF GAS			
i Bin Qasim	Mill Rs	928.756	857.760
ii Bin Qasim II - CCPP	Mill Rs	1,717.401	1,806.378
iii Korangi Gas 2	Mill Rs	288.925	274.118
iv Site Gas 2	Mill Rs	276.930	284.774
v Korangi combined	Mill Rs	758.837	745.553
Total	Mill Rs	3,970.849	3,968.582
4b COST OF FURNACE OIL			
i Bin Qasim	Mill Rs	2,264.596	2,456.625
Total	Mill Rs	2,264.596	2,456.625
4c TOTAL COST OF FUEL			
i Bin Qasim	Mill Rs	3,193.352	3,314.384
ii Bin Qasim II - CCPP	Mill Rs	1,717.401	1,806.378
iii Korangi Gas 2	Mill Rs	288.925	274.118
iv Site Gas 2	Mill Rs	276.930	284.774
v Korangi combined	Mill Rs	758.837	745.553
Total	Mill Rs	6,235.445	6,425.206

Work Sheet- Generation Fuel Cost Variation

DESCRIPTION		Jun-16	Jul-16
5	<u>COST OF FUEL PER KWH</u>		
a	Bin Qasim Rs/kWh	7.059	7.517
b	Bin Qasim II - CCPP Rs/kWh	5.275	5.275
c	Korangi Gas 2 Rs/kWh	5.824	5.824
d	Site Gas 2 Rs/kWh	5.824	5.824
e	Korangi combined Rs/kWh	5.584	5.584
6	<u>INCREASE/DECREASE IN COST OF FUEL PER KWH</u>		
a	Bin Qasim Rs/kWh	1.612	0.459
b	Bin Qasim II - CCPP Rs/kWh	0.112	-
c	Korangi Gas 2 Rs/kWh	0.124	-
d	Site Gas 2 Rs/kWh	0.124	-
e	Korangi combined Rs/kWh	0.118	-
7	<u>INCREASE / DECREASE IN FUEL COST OVER PREVIOUS MONTH</u>		
a	Bin Qasim Mill Rs	729.491	202.234
b	Bin Qasim II - CCPP Mill Rs	36.421	-
c	Korangi Gas 2 Mill Rs	6.127	-
d	Site Gas 2 Mill Rs	5.873	-
e	Korangi combined Mill Rs	16.093	-
	Total Mill Rs	794.005	202.234
8	<u>INCREASE / DECREASE IN TARIFF</u>		
	<u>TO BE PASSED IN THE MONTHLY BILLS</u>		
a	Fuel price variation Mill Rs	794.005	202.234
b	Units Sent Out - KE Mill kWh	1,011.042	1,012.832
c	Power Purchase Mill kWh	623.847	623.531
d	Total Units Sent Out (b + c) Mill kWh	1,634.889	1,636.363
e	Increase / Decrease in Tariff		
	To be passed on to the consumers - FSA Ps/kWh	48.566	12.359

Work Sheet- Power Purchase Cost Variation

DESCRIPTION		Jun-16	Jul-16
1 POWER PURCHASES			
a	KANUPP Mill kWh	41.311	44.323
b	TAPAL Mill kWh	72.862	66.338
c	GUL AHMED Mill kWh	79.810	66.984
d	NTDC/WAPDA Mill kWh	421.276	434.434
e	ANOUD POWER Mill kWh	2.857	5.073
f	INT IND (IIL) Mill kWh	5.732	6.379
	TOTAL Mill kWh	623.847	623.531
2 COST OF POWER PURCHASE - FUEL COST			
a	KANUPP Mill Rs	259.645	290.412
b	TAPAL Mill Rs	449.986	433.382
c	GUL AHMED Mill Rs	500.181	461.136
d	NTDC/WAPDA Mill Rs	1,697.026	1,737.693
e	ANOUD POWER Mill Rs	17.089	31.771
f	INT IND (IIL) Mill Rs	33.360	37.046
	TOTAL Mill Rs	2,957.288	2,991.440
3 COST OF POWER PURCHASE- Fuel Cost/kWh			
a	KANUPP Rs/kWh	6.285	6.552
b	TAPAL Rs/kWh	6.176	6.533
c	GUL AHMED Rs/kWh	6.267	6.884
d	NTDC/WAPDA Rs/kWh	4.028	4.000
e	ANOUD POWER Rs/kWh	5.982	6.263
f	INT IND (IIL) Rs/kWh	5.820	5.808
	AVERAGE Rs/kWh	4.740	4.798
4 INCREASE / DERCREASE IN FUEL COMPONENT OF POWER PURCHASE - TO BE PASSED IN THE MONTHLY BILLS			
a	Average Monthly Fuel cost Rs/kWh	4.740	4.798
b	Reference Rate - Previous Month Rs/kWh	5.030	4.740
c	Increase / Decrease in Avg. Rate Rs/kWh	(0.290)	0.057
d	Total Power Purchase Mill kWh	623.847	623.531
e	Increase / Decrease in Fuel Cost Mill Rs	(180.939)	35.650
5 INCREASE / DERCREASE IN TARIFF TO BE PASSED IN THE MONTHLY BILLS			
a	Fuel price variation in cost of power purchase	(180.939)	35.650
b	Units Sent Out - KE Mill kWh	1,011.042	1,012.832
c	Power Purchase Mill kWh	623.847	623.531
d	Total Units Sent Out (b + c) Mill kWh	1,634.889	1,636.363
e	Increase / Decrease in Tariff to be passed on to the consumers - FSA Ps/kWh	(11.067)	2.179



Sui Southern Gas Company Limited

04 August 2016

Chief Financial Officer
Electric
House
Bulhan Haroon Road
Karachi

GAS BILLS FOR THE MONTH OF JULY 2016

Dear Sir,

Please find enclosed Gas bills for the cost of Natural Gas supplied at your Power Stations during the Month of July 2016.
Details of due amount are as under:-

	Arrears	Gas Charges	GID-CESS	Meter Rent	G.S.T.	Current Bill
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1 7934380000 KESC BIN QASIM (RUN 1)	2,018,175,170	51,342,095	0	2,500	8,728,581	60,073,177
2 2044380000 KESC BIN QASIM (RUN 2)	2,724,206,616	51,744,235	0	2,500	8,796,945	60,543,680
3 5044380000 KESC BIN QASIM (RUN 3)	4,215,503,035	254,094,451	0	2,500	43,196,482	297,293,433
4 1044380000 KESC BIN QASIM (RUN 4)	2,709,491,934	51,324,390	0	2,500	8,725,571	60,052,462
5 4044380000 KESC BIN QASIM (RUN 5)	2,822,985,601	242,490,437	0	2,500	41,223,799	283,716,736
6 9934380000 KESC BIN QASIM (RUN 6)	2,630,349,411	245,508,093	0	2,500	41,736,801	287,247,394
7 0551223410 KESC BIN QASIM (RUN 7)	5,470,868,370	333,056,219	0	2,500	56,619,982	389,678,702
8 0424859959 KESC BIN QASIM (RUN 8)	5,608,202,710	342,110,879	0	2,500	58,159,274	400,272,653
9 1463452993 KESC BIN QASIM (RUN 9)	5,792,325,876	351,664,916	0	2,500	59,783,461	411,450,877
0 1339600597 KESC BIN QASIM (RUN 10)	5,869,481,993	355,834,624	0	2,500	60,492,311	416,329,435
1 3188266041 KESC BIN QASIM (RUN 11)	6,176,579,413	380,167,010	0	2,500	64,628,817	444,798,327
2 5350810000 KESC KORANGI THERMAL POWER STATION (KTPS)	428,942	20,670	0	3,000	4,024	27,694
3 6322910000 KESC KORANGI TOWN GAS TURBINE (KTGT)	2,961,485,759	193,684,847	0	3,000	32,926,934	226,614,782
4 1796310000 KESC SITE GAS TURBINE POWER STATION (RUN 1)	1,595,821,399	159,935,778	0	3,000	27,189,592	187,128,370
5 5095978254 KESC SITE GAS TURBINE POWER STATION (RUN 2)	1,204,262,488	128,537,904	0	2,500	21,851,869	150,392,273
6 8688117075 KORANGI THERMAL POWER STATION (KTPS-1)	4,354,919,936	206,362,250	0	2,500	35,082,008	241,446,758
7 7070404620 KORANGI THERMAL POWER STATION (KTPS-2)	4,386,836,374	212,568,163	0	2,500	36,137,013	248,707,676
8 0193690545 K.E.S.C. WEST WHARF GRID STATION	2,607,453	20,670	0	2,000	3,854	26,524
9 7903464064 KESC KORANGI TOWN GAS TURBINE (KTGT)	27,825,150	20,670	0	2,500	3,939	27,109
0 4655415095 KESC KORANGI TOWN GAS TURBINE (KTGT)	1,272,701,920	85,031,526	0	2,500	14,455,784	99,489,810
1 4949261420 KORANGI THERMAL POWER STATION (KTPS-By Pass)	946,958,203	259,533,611	0	2,500	44,121,139	303,657,249
Current bill for July 2016	62,792,017,753	3,905,053,440	0	53,500	663,868,180	4,568,975,120

Arrears as on 31 July 2016
Interest on delayed payments
Current Bill July 2016
Total Amount Payable

62,792,017,753
827,321,363
4,568,975,120
68,188,314,236

Kindly settle the above amount by due date, 19 Aug 2016

Thank you

Yours Sincerely
Sui Southern Gas Company Limited

Syed Shehryar Kazmi
GM (Billing)
For: Managing Director

SSGC House, Sir Shah Suleman Road, Gulshan-e-Iqbal, P.O. Box 17989 Karachi-75300
PABX Telephone 9021000 Fax 92-21-9231550 Web site : www.ssgc.com.pk

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PSO & BYCO	Mton	PKR
Opening as at Jul' 16	22,058	636,318,984
Purchases Jul' 16	83,352	2,538,565,925

Date	Quantity	Amount
18.07.2016	(10,754)	(317,994,039)
18.07.2016	(9,112)	(269,435,013)
18.07.2016	(4,780)	(141,332,754)
18.07.2016	(1,414)	(41,803,620)
18.07.2016	(2,655)	(78,492,044)
18.07.2016	(6,219)	(183,900,445)
31.07.2016	(7,607)	(231,205,308)
31.07.2016	(12,103)	(367,845,911)
31.07.2016	(8,527)	(259,151,966)
31.07.2016	(5,368)	(163,144,858)
31.07.2016	(8,254)	(250,869,843)
31.07.2016	(10,913)	(331,680,648)

Consumption Jul' 16	(87,707)	(2,636,856,448)
Closing as at Jul' 16	17,703	538,028,461
	17,703	538,028,461