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For information & m/o.

SAT-I
Gp. 12:

The Registrar
N.E.P.R.A.
Islamabad

SAC (Tech)
— DG (M&E)
— Dir (LC)
— M/F

03. X. 16

G. Chairman
VC/MCT
M(LC) - M(CA)

Ref. No. RA&SP/NEPRA/071/1469

Dated: Sept 30th, 2016

Subject:

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

Dear Sir,

This is with reference to fuel cost adjustment based on units sent out for the month of August 2016, as per the Multi Year Tariff Petition (I-MYT) filed by K-Electric (KE) for the period commencing from July 01st, 2016 to June 30th, 2026.

Required Monthly Adjustment (Provisional):

This submission is based on the actual power purchase invoice of NTDC, dated 27th September 2016 received on 29th September 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	August 2016 (Over June-16)	
	(Mill. Rs.)	(Ps./kWh)
Fuel Price Variation	194.919	12.298
Power Purchase Price Variation	163.810	10.336
Total Fuel Costs Adjustment	358.729	22.635

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 generation statistic sheets and invoices are attached.

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

Sincerely,

M. Aamir Ghaziani
Director (Finance & Regulations)

Encl.

REGISTRAR
By No. 9505
Dated: 03-10-16

Senior Advisor Tariff
By No. 7686
Date: 4-10-16

K Electric Limited (Formerly KESC Ltd.)

FCA for the month of Aug-2016

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

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

I	a. Monthly Variation in			
	i Fuel Price	Mill Rs.	764.638	194.919
	ii Power Purchase Price - Fuel component	Mill Rs.	(180.939)	163.810
	iii Total Monthly Variation (i + ii) - Over Reference Tariff	Mill Rs.	<u>583.700</u>	<u>358.729</u>
	b. Units Sent Out	Mill kWh	1,634.889	1,584.928
II	a Monthly Variation in FSA - due to			
	i Fuel Price	Ps/kWh	46.770	12.298
	ii Power Purchase Price - Fuel component	Ps/kWh	(11.067)	10.336
	b Monthly increase/decrease to be passed to Consumers (i+ii)	Ps/kWh	35.703	22.635

Work Sheet- Generation Fuel Cost Variation

DESCRIPTION		Jun-16	Aug-16
1 UNITS SENT OUT - KE			
1a UNITS SENT OUT ON GAS			
i Bin Qasim	Mill kWh	142.263	99.803
ii Bin Qasim II - CCPP	Mill kWh	325.582	342.057
iii Korangi Gas 2	Mill kWh	49.614	48.569
iv Site Gas 2	Mill kWh	47.554	50.647
v Korangi combined *	Mill kWh	135.884	108.974
Total	Mill kWh	700.896	650.050
1b UNITS SENT OUT ON F. OIL			
i Bin Qasim	Mill kWh	310.146	305.703
Total	Mill kWh	310.146	305.703
1c TOTAL UNITS SENT OUT (1 + 2)			
i Bin Qasim	Mill kWh	452.408	405.507
ii Bin Qasim II - CCPP	Mill kWh	325.582	342.057
iii Korangi Gas 2	Mill kWh	49.614	48.569
iv Site Gas 2	Mill kWh	47.554	50.647
v Korangi combined	Mill kWh	135.884	108.974
Total	Mill kWh	1,011.042	955.753
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	613
b. Fuel Price -F.O (Rs/Kg)	Rs/Kg	27,744	29,886
4 COST OF FUEL			
4a COST OF GAS			
i Bin Qasim	Mill Rs	928.755	651.562
ii Bin Qasim II - CCPP	Mill Rs	1,717.401	1,804.304
iii Korangi Gas 2	Mill Rs	288.925	282.843
iv Site Gas 2	Mill Rs	276.930	294.940
v Korangi combined	Mill Rs	758.837	608.557
Total	Mill Rs	3,970.847	3,642.206
4b COST OF FURNACE OIL			
i Bin Qasim	Mill Rs	2,271.652	2,411.976
Total	Mill Rs	2,271.652	2,411.976
4c TOTAL COST OF FUEL			
i Bin Qasim	Mill Rs	3,200.407	3,063.537
ii Bin Qasim II - CCPP	Mill Rs	1,717.401	1,804.304
iii Korangi Gas 2	Mill Rs	288.925	282.843
iv Site Gas 2	Mill Rs	276.930	294.940
v Korangi combined	Mill Rs	758.837	608.557
Total	Mill Rs	6,242.499	6,054.181

Work Sheet- Generation Fuel Cost Variation

DESCRIPTION		Jun-16	Aug-16
5 COST OF FUEL PER KWH			
a Bin Qasim	Rs/kWh	7.074	7.555
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 INCREASE/DECREASE IN COST OF FUEL PER KWH			
a Bin Qasim	Rs/kWh	1.628	0.481
b Bin Qasim II - CCPP	Rs/kWh	-	-
c Korangi Gas 2	Rs/kWh	0.124	-
d Site Gas 2	Rs/kWh	0.124	-
e Korangi combined	Rs/kWh	0.118	-
7 INCREASE / DECREASE IN FUEL COST OVER PREVIOUS MONTH			
a Bin Qasim	Mill Rs	736.546	194.919
b Bin Qasim II - CCPP	Mill Rs	-	-
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	764.638	194.919
8 INCREASE / DECREASE IN TARIFF			
TO BE PASSED IN THE MONTHLY BILLS			
a Fuel price variation	Mill Rs	764.638	194.919
b Units Sent Out - KE	Mill kWh	1,011.042	955.753
c Power Purchase	Mill kWh	623.847	629.175
d Total Units Sent Out (b + c)	Mill kWh	1,634.889	1,584.928
e Increase / Decrease in Tariff			
To be passed on to the consumers - FSA	Ps/kWh	46.770	12.298

Work Sheet- Power Purchase Cost Variation

DESCRIPTION	Jun-16	Aug-16
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1 POWER PURCHASES

a	KANUPP	Mill kWh	41.311	34.349
b	TAPAL	Mill kWh	72.862	71.573
c	GUL AHMED	Mill kWh	79.810	74.279
d	NTDC/WAPDA	Mill kWh	421.276	439.006
e	ANOUD POWER	Mill kWh	2.857	4.928
f	INT IND (IIL)	Mill kWh	5.732	5.040
	TOTAL	Mill kWh	623.847	629.175

2 COST OF POWER PURCHASE - FUEL COST

a	KANUPP	Mill Rs	259.646	228.283
b	TAPAL	Mill Rs	449.986	483.242
c	GUL AHMED	Mill Rs	500.181	521.354
d	NTDC/WAPDA	Mill Rs	1,697.026	1,854.214
e	ANOUD POWER	Mill Rs	17.089	30.003
f	INT IND (IIL)	Mill Rs	33.360	29.261
	TOTAL	Mill Rs	2,957.289	3,146.356

3 COST OF POWER PURCHASE- Fuel Cost/kWh

a	KANUPP	Rs/kWh	6.285	6.646
b	TAPAL	Rs/kWh	6.176	6.752
c	GUL AHMED	Rs/kWh	6.267	7.019
d	NTDC/WAPDA	Rs/kWh	4.028	4.224
e	ANOUD POWER	Rs/kWh	5.982	6.088
f	INT IND (IIL)	Rs/kWh	5.820	5.805
	AVERAGE	Rs/kWh	4.740	5.001

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	5.001
b	Reference Rate - Previous Month	Rs/kWh	5.030	4.740
c	Increase / Decrease in Avg. Rate	Rs/kWh	(0.290)	0.260
d	Total Power Purchase	Mill kWh	623.847	629.175
e	Increase / Decrease in Fuel Cost	Mill Rs	(180.939)	163.810

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

a	Fuel price variation in cost of power purchase		(180.939)	163.810
b	Units Sent Out - KE	Mill kWh	1,011.042	955.753
c	Power Purchase	Mill kWh	623.847	629.175
d	Total Units Sent Out (b + c)	Mill kWh	1,634.889	1,584.928
e	Increase / Decrease in Tariff to be passed on to the consumers - FSA	Ps/kWh	(11.067)	10.336

**SSGC****Sui Southern Gas Company Limited**

05 September 2016

The Chief Financial Officer
K - Electric
Aimai House
Abdullah Haroon Road
Karachi

GAS BILLS FOR THE MONTH OF AUGUST 2016

Dear Sir,

Please find enclosed Gas bills for the cost of Natural Gas supplied at your Power Stations during the Month of August 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)	2,009,188,911	1,666,691	0	2,500	283,762	1,952,953
2	2044380000 KESC BIN QASIM (RUN 2)	2,511,266,723	20,670	0	2,500	3,939	27,109
3	5044380000 KESC BIN QASIM (RUN 3)	4,173,124,751	232,670,815	0	2,500	39,554,464	272,227,779
4	1044380000 KESC BIN QASIM (RUN 4)	2,765,877,665	20,670	0	2,500	3,939	27,109
5	4044380000 KESC BIN QASIM (RUN 5)	2,766,917,802	224,656,078	0	2,500	38,191,958	262,850,537
6	9934380000 KESC BIN QASIM (RUN 6)	2,575,657,493	228,996,836	0	2,500	38,929,887	267,929,223
7	0551223410 KESC BIN QASIM (RUN 7)	5,331,554,660	330,906,495	0	2,500	56,254,529	387,163,524
8	0424859959 KESC BIN QASIM (RUN 8)	5,465,049,455	341,405,771	0	2,500	58,039,406	399,447,677
9	1463452993 KESC BIN QASIM (RUN 9)	5,705,507,400	350,511,202	0	2,500	59,587,329	410,101,031
10	1339600597 KESC BIN QASIM (RUN 10)	6,004,567,107	355,815,575	0	2,500	60,489,073	416,307,147
11	3188266041 KESC BIN QASIM (RUN 11)	6,324,293,482	377,890,770	0	2,500	64,241,856	442,135,126
12	5350810000 KESC KORANGI THERMAL POWER STATION (KTPS)	433,865	20,670	0	3,000	4,024	27,694
13	6322910000 KESC KORANGI TOWN GAS TURBINE (KTGT)	3,135,836,012	201,687,224	0	3,000	34,287,338	235,977,562
14	1796310000 KESC SITE GAS TURBINE POWER STATION (RUN 1)	1,781,183,658	171,389,004	0	3,000	29,136,641	200,528,644
15	5999978254 KESC SITE GAS TURBINE POWER STATION (RUN 2)	1,353,215,254	137,568,382	0	2,500	23,387,050	160,957,932
16	8688117075 KORANGI THERMAL POWER STATION (KTPS-1)	4,401,669,026	191,370,023	0	2,500	32,533,329	223,905,852
17	7070404620 KORANGI THERMAL POWER STATION (KTPS-2)	4,379,916,486	191,040,222	0	2,500	32,477,263	223,519,985
18	0193690545 K.E.S.C. WEST WHARF GRID STATION	2,590,773	20,670	0	2,000	3,854	26,524
19	7903464064 KESC KORANGI TOWN GAS TURBINE (KTGT)	27,807,886	378,056	0	2,500	64,694	445,250
20	4655415095 KESC KORANGI TOWN GAS TURBINE (KTGT)	1,303,065,254	86,213,483	0	2,500	14,656,717	100,872,700
21	4949261420 KORANGI THERMAL POWER STATION (KTPS-By Pass)	1,250,615,453	240,977,948	0	2,500	40,966,676	281,947,124
Current bill for August 2016		63,269,339,116	3,665,227,256	0	53,500	623,097,729	4,288,378,485

Arrears as on 31 August 2016

Interest on delayed payments

Current Bill August 2016

Total Amount Payable

63,269,339,116

829,913,972

4,288,378,485

68,387,631,573

Kindly settle the above amount by due date, 20 Sep 2016

Thank you

Yours Sincerely
Sui Southern Gas Company Limited

Syed Shehryar Kazmi
GM (Billing)

For: Managing Director

INVOICES

Vendor	Inv Date	Invoice No	Quantity	Total Cost	Total GST Amount	Grand Total (BYCO)	Total Financial ch (BYCO)
BYCO							
BYCO							
BYCO							
BYCO							
BYCO							
BYCO							
BYCO							
BYCO							

Vendor	Inv Date	Invoice No	Quantity	Total Cost	Total GST Amount	Total Financial charges (PSO)	Grand Total (PSO)
PSO	2-Aug-16	965219780	3,490	106,629,459.30			
PSO	2-Aug-16	965217868	2,999	91,629,317.65			
PSO	3-Aug-16	965223881	3,492	106,669,388.15			
PSO	4-Aug-16	965227594	3,493	106,718,848.60			
PSO	6-Aug-16	965233331	3,488	106,547,768.60			
PSO	7-Aug-16	965235234	2,991	91,363,441.00			
PSO	7-Aug-16	965235236	2,999	91,613,614.95			
PSO	8-Aug-16	965238502	2,997	91,568,675.90			
PSO	9-Aug-16	965241389	2,991	91,375,202.75			
PSO	10-Aug-16	965244438	1,669	50,979,976.45			
PSO	11-Aug-16	965244439	1,324	40,456,112.45			
PSO	11-Aug-16	965249730	2,993	91,423,960.55			
PSO	12-Aug-16	965249948	2,993	91,427,901.50			
PSO	13-Aug-16	965253746	2,988	91,282,666.80			
PSO	14-Aug-16	965253747	2,990	91,346,241.35			
PSO	15-Aug-16	965257264	2,493	76,166,190.75			
PSO	16-Aug-16	965261385	2,694	77,021,796.43			
PSO	17-Aug-16	965264242	2,491	71,214,084.03			
PSO	18-Aug-16	965267624	2,017	57,656,808.57			
PSO	19-Aug-16	965267626	578	16,519,667.64			
PSO	20-Aug-16	965272134	2,686	76,803,805.31			
PSO	20-Aug-16	965273995	2,691	76,941,804.41			
PSO	21-Aug-16	965274001	2,493	71,264,372.08			
PSO	22-Aug-16	965278859	2,690	76,912,157.62			
PSO	23-Aug-16	965281240	2,690	76,897,262.75			
PSO	24-Aug-16	965285010	2,994	85,584,201.93			
PSO	25-Aug-16	965287949	2,991	85,520,677.18			
PSO	26-Aug-16	965290420	2,993	85,577,655.05			
PSO	27-Aug-16	965293399	2,992	85,533,570.82			
PSO	29-Aug-16	965296134	2,995	85,613,477.07			
PSO	29-Aug-16	965294378	2,694	77,020,509.93			
PSO	31-Aug-16	965299041	2,996	85,646,411.60			
PSO	31-Aug-16	965299973	2,993	85,564,218.22			
PSO							
PSO							

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