

For information & n.a. please.

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CC: Chairman
- M (Tariff)

9/19/4/22



Mr. Safer Hussain
Registrar,
National Electric Power Regulatory Authority,
NEPRA Tower, Attaturk Avenue (East),
Sector G-5/1,
Islamabad.

Ref No. KE/BPR/NEPRA/2022/166
April 18, 2022

Subject: Monthly Cost Variation for the month of March 2022 under Multi-Year Tariff 2017 – 2023 (Revised)

Dear Sir,

This is with reference to our letter No. KE/BPR/NEPRA/2022/158 dated April 14, 2022 regarding Monthly Cost Variation for the month of October 2021 (enclosed).

In this regard, as mentioned in the aforementioned letter, FCA request for March 2022 was submitted based on CPPA-G's invoiced rate for the month of February 2022 (latest available at the time of filing of FCA) which was PKR 8.5568 / kWh. However, CPPA-G's requested rate for the month of March 2022 is PKR 9.3869 / kWh. Considering significant variation in CPPA-G's requested rate and its impact on KE's FCA, KE is submitting revised monthly cost variation for the month of March 2022 based on the CPPA-G's requested rate for March 2022.

Moreover, installment of GIDC arrears amounting to PKR 762 million per month is being billed by SSGC as per Supreme Court order dated November 02, 2020. However, NEPRA in its FCA decision for the month of June 2021 has stated "considering the fact that K-Electric has obtained stay order from the Honorable SHC in the matter, decided not to allow any amount on account of GIDC till final decision by the Honorable SHC in the matter". Accordingly, GIDC for the month of March 2022 will be claimed as per the final decision of Honorable SHC in the matter.

Summary of revised cost variation for the month March 2022 is as below:

Month	Variation Amount (PKR Million)	Variation per unit (PKR / kWh)
March 2022	8,592	5.275

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 / mark-up / interest. All the requisite details including generation statistic sheets and invoices are enclosed.

Heat Rate

In the MYT, NEPRA determined provisional Heat rates for KE's generating plants and directed KE to conduct fresh Heat rate test for its plants, based on which final Heat rates will be determined by NEPRA.

In this regard, NEPRA has issued its decision on Heat rate for BQPS – II plant on January 1, 2020 and accordingly the calculations are based on Heat rates determined therein.

With respect to Heat Rate of KGTPS, NEPRA issued its determination on January 18, 2021 against which KE filed review motion. NEPRA issued its decision on the review motion on November 05, 2021. Accordingly, calculations for the month of March 2022 are based on Heat rates determined therein with request to adjust the impact of prior period in the pending quarterly tariff variation.

Tariff Division Record

Dy No. 2361

Dated 20-4-22

REGISTRAR
D.No. 3760
19-4-2022



Further, with respect to Heat Rates of KCCP & SGTPS, NEPRA issued its determination on September 2, 2020 and January 18, 2021 respectively, against which KE has filed review motions. The required adjustment will be incorporated after the final heat rates are determined.

Moreover, Heat rate test of BQPS I Plant has been conducted and Independent Engineers' reports have been submitted to NEPRA. The working for required adjustment will be submitted to NEPRA after determination of final Heat rates of BQPS I based on the test results.

In addition, information for net metering as directed by the Authority to be included in FCA submission as additional information is also enclosed.

Considering FCA for March 2022 has a significant impact and the working capital position of the Company is already strained due to exorbitant fuel prices, KE would like to request to process and approve the FCA for March 2022 at the earliest.

We look forward to your support and earliest action in this regard.

Sincerely,

A handwritten signature in black ink, appearing to read 'Ayaz Jaffar Ahmed', is written above a horizontal line.

Ayaz Jaffar Ahmed
Director – Finance

Enclosed:

- Revised Calculation sheet of monthly variation – March 2022

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

DESCRIPTION		Unit	Dec-21	Mar-22
			Reference	Current
A) Cost of fuel:				
Cost of fuel - KE	a	Mill Rs.	5,674.949	16,589.725
Cost of fuel - Power Purchases	b	Mill Rs.	8,454.788	11,639.697
Adjustment - Note 3	c	Mill Rs.	(9.000)	-
Total	d = a + b + c	Mill Rs.	14,120.738	28,229.422
B) Units Sent Out				
Units Sent Out - KE	e	GWh	300.743	590.638
Units - Power purchases	f	GWh	870.536	1,038.207
Total	g = e + f	GWh	1,171.279	1,628.845
C) Cost per unit on respective Sent Out				
Cost of fuel - KE	$h = a / e$	Rs./kWh	18.870	28.088
Cost of fuel - Power Purchases	$i = b / f$	Rs./kWh	9.712	11.211
Adjustment - Note 3	$j = c / g$	Rs./kWh	(0.008)	-
Weighted Average Cost / Total cost per unit	k = d / g	Rs./kWh	12.056	17.331
D) Cost per unit on total sent out - Note 1				
Cost of fuel - KE on total sent out	$l = a / g$	Rs./kWh	4.845	10.185
Cost of fuel - Power Purchases on total sent out	$m = b / g$	Rs./kWh	7.218	7.146
Adjustment - Note 3	$n = c / g$	Rs./kWh	(0.008)	-
Weighted Average Cost / Total cost per unit	o = d / g	Rs./kWh	12.056	17.331
E) Variation per unit - Note 2				
Cost of fuel - KE	$p = l(\text{Mar-22}) - l(\text{Dec-21})$	Rs./kWh		5.340
Cost of fuel - Power Purchases	$q = m(\text{Mar-22}) - m(\text{Dec-21})$	Rs./kWh		(0.072)
Adjustment - Note 3	$r = n(\text{Mar-22}) - n(\text{Dec-21})$	Rs./kWh		0.008
Total Fuel Cost Adjustment	s = p + q + r	Rs./kWh		5.275
F) Total Fuel Cost Adjustment	t = s x 100	Ps/kWh		527.51
G) Variation amount				
Cost of fuel - KE	$u = p \times g$	Mill Rs.		8,697.828
Cost of fuel - Power Purchases	$v = q \times g$	Mill Rs.		(117.997)
Adjustment - Note 3	$w = r \times g$	Mill Rs.		12.516
Total Fuel Cost Adjustment	x = u + v + w	Mill Rs.		8,592.347

Note 1: As per mechanism given in MYT, weighted average cost for KE's fuel cost and power purchase is calculated by dividing fuel cost with total units sent out (KE+power purchase) in GWh as per Annexure II & III of MYT Decision

Note 2: Calculated as difference of current and reference month of cost per unit for the month

Note 3: This represents adjustment made by NEPRA on account of EMO in the fuel cost for the month of December 2021 vide its decision dated February 16, 2022. Subsequently, KE had submitted the required data to NEPRA and request to allow the same in subsequent FCA determination. Accordingly, KE would request to allow the amounts withheld by NEPRA on account of EMO in fuel cost for the months from July 2021 to Dec 2021, in the month of February 2022 or March 2022

Work Sheet- Generation Fuel Cost Variation

DESCRIPTION		Dec-21	Mar-22
		Reference	Current
1	Units Generated - Actual		
1a	UNITS GENERATED ON FURNACE OIL + (LDO Bifurcated)		
i	Bin Qasim - I		
	Unit 1	GWh	30.050
	Unit 2	GWh	50.690
	Unit 3	GWh	-
	Unit 4	GWh	-
	Unit 5	GWh	91.739
	Unit 6	GWh	106.340
	Total unit generated on furnace oil - Bin Qasim - I	GWh	278.819
1b	UNITS GENERATED ON INDIGENOUS GAS		
i	Bin Qasim - I		
	Unit 1	GWh	-
	Unit 2	GWh	-
	Unit 3	GWh	-
	Unit 4	GWh	-
	Unit 5	GWh	-
	Unit 6	GWh	-
	Total unit generated on Indigenous Gas - Bin Qasim - I	GWh	-
	ii Bin Qasim II - 560 MW	GWh	-
	iii Korangi Town Gas Turbine II	GWh	-
	iv Site Gas Turbine II	GWh	-
	v Korangi CCPP	GWh	-
	Total unit generated on Indigenous Gas	GWh	-
1c	UNITS GENERATED ON LNG		
i	Bin Qasim - I		
	Unit 1	GWh	0.193
	Unit 2	GWh	0.374
	Unit 3	GWh	-
	Unit 4	GWh	-
	Unit 5	GWh	0.233
	Unit 6	GWh	2.741
	Total unit generated on LNG - Bin Qasim - I	GWh	3.541
	ii Bin Qasim II - 560 MW	GWh	339.696
	iii Korangi Town Gas Turbine II	GWh	0.020
	iv Site Gas Turbine II	GWh	0.136
	v Korangi CCPP-220 MW	GWh	-
	vi BQPS III	GWh	3.596
	Total unit generated on LNG	GWh	346.989
	i Korangi CCPP - 220 MW	GWh	8.317
	Total unit generated on HSD	GWh	8.317
	Total Units Generated - KE	GWh	634.124
2	Auxiliary Consumption - NEPRA allowed percentage		
i	Bin Qasim - I		
	Unit 1	8.1%	8.1%
	Unit 2	8.0%	8.0%
	Unit 3	8.3%	8.3%
	Unit 4	8.2%	8.2%
	Unit 5	7.8%	7.8%
	Unit 6	7.7%	7.7%
	ii Bin Qasim II - 560 MW	6.1%	6.1%
	iii Korangi Town Gas Turbine II	2.5%	2.5%
	iv Site Gas Turbine II	2.5%	2.5%
	v Korangi CCPP	6.9%	6.9%
	vi BQPS III	-	2.1%

Work Sheet- Generation Fuel Cost Variation

DESCRIPTION	Dec-21	Mar-22
	Reference	Current
3 Auxiliary Consumption - NEPRA allowed		
3a AUXILIARY CONSUMPTION ON FURNACE OIL		
i Bin Qasim - I		
Unit 1	GWh -	2.437
Unit 2	GWh 0.864	4.055
Unit 3	GWh -	-
Unit 4	GWh -	-
Unit 5	GWh -	7.110
Unit 6	GWh -	8.199
Total Auxiliary on Furnace Oil - Bin Qasim	GWh 0.864	21.801
3b AUXILIARY CONSUMPTION ON INDIGENOUS GAS		
i Bin Qasim - I		
Unit 1	GWh -	-
Unit 2	GWh -	-
Unit 3	GWh -	-
Unit 4	GWh -	-
Unit 5	GWh -	-
Unit 6	GWh -	-
Total Auxiliary on Indigenous Gas - Bin Qasim	GWh -	-
ii Bin Qasim II - 560 MW	GWh -	-
iii Korangi Town Gas Turbine II	GWh -	-
iv Site Gas Turbine II	GWh -	-
v Korangi CCPP	GWh -	-
Total Auxiliary on Indigenous Gas - KE	GWh -	-
3c AUXILIARY CONSUMPTION ON LNG		
i Bin Qasim - I		
Unit 1	GWh -	0.016
Unit 2	GWh 0.423	0.030
Unit 3	GWh -	-
Unit 4	GWh -	-
Unit 5	GWh -	0.018
Unit 6	GWh -	0.211
Total Auxiliary on LNG - Bin Qasim	GWh 0.423	0.275
ii Bin Qasim II - 560 MW	GWh 18.434	20.755
iii Korangi Town Gas Turbine II	GWh 0.002	0.000
iv Site Gas Turbine II	GWh 0.004	0.003
v Korangi CCPP	GWh 0.033	-
vi BQPS III	GWh -	0.076
Total Auxiliary on LNG - KE	GWh 18.896	21.110
3d AUXILIARY CONSUMPTION OF HSD		
i Korangi CCPP - 220 MW	GWh 0.149	0.576
Total Auxiliary on HSD	GWh 0.149	0.576
Total auxiliary units- KE	GWh 19.908	43.486

Work Sheet- Generation Fuel Cost Variation

DESCRIPTION		Dec-21	Mar-22
		Reference	Current
4	UNITS SENT OUT		
	4a UNITS SENT OUT ON FURNACE OIL		
i	<u>Bin Qasim - I</u>		
	Unit 1	GWh	27.613
	Unit 2	GWh	46.635
	Unit 3	GWh	-
	Unit 4	GWh	-
	Unit 5	GWh	84.629
	Unit 6	GWh	98.142
	Total units sent out on furnace oil - Bin Qasim - I	GWh	257.018
	4b UNITS SENT OUT ON INDIGENOUS GAS		
i	<u>Bin Qasim - I</u>		
	Unit 1	GWh	-
	Unit 2	GWh	-
	Unit 3	GWh	-
	Unit 4	GWh	-
	Unit 5	GWh	-
	Unit 6	GWh	-
	Total units sent out on indigenous gas - Bin Qasim - I	GWh	-
	ii Bin Qasim II - 560 MW	GWh	-
	iii Korangi Town Gas Turbine II	GWh	-
	iv Site Gas Turbine II	GWh	-
	v Korangi CCPP	GWh	-
	Total units sent out on indigenous gas - KE	GWh	-
	4c UNITS SENT OUT ON LNG		
i	<u>Bin Qasim - I</u>		
	Unit 1	GWh	0.177
	Unit 2	GWh	0.344
	Unit 3	GWh	-
	Unit 4	GWh	-
	Unit 5	GWh	0.215
	Unit 6	GWh	2.530
	Total units sent out on LNG - Bin Qasim - I	GWh	3.266
	ii Bin Qasim II - 560 MW	GWh	318.941
	iii Korangi Town Gas Turbine II	GWh	0.019
	iv Site Gas Turbine II	GWh	0.132
	v Korangi CCPP	GWh	-
	vi BQPS III	GWh	3.521
	Total units sent out on LNG - KE	GWh	325.879
	4d UNITS SENT OUT ON HSD		
i	Korangi CCPP - 220 MW	GWh	7.741
	Total units sent out on HSD	GWh	7.741
	Total units sent out KE	GWh	590.638
5	HEAT RATE AT BUS BAR		
i	<u>Bin Qasim - I</u>		
	Unit 1	Btu/kWh	10,802
	Unit 2	Btu/kWh	10,650
	Unit 3	Btu/kWh	10,996
	Unit 4	Btu/kWh	10,899
	Unit 5	Btu/kWh	10,304
	Unit 6	Btu/kWh	10,249
	ii Bin Qasim II - 560 MW	Btu/kWh	8,361
	iii Korangi Town Gas Turbine II - Note 2	Btu/kWh	9,099
	iv Site Gas Turbine II - Note 3	Btu/kWh	8,746
	v Korangi CCPP - Note 3	Btu/kWh	8,577
	vi Korangi CCPP - HSD - Note 1	Btu/kWh	7,950

Note 1: KE has submitted IE's report of HSD heat rate test to NEPRA and requested to provisionally allow HSD Heat rates as per IE's test result & degradation table, for September 2021 and onwards till determination by NEPRA, subject to adjustment based on final determination. Accordingly, KE had requested heat rate of 8,104 btu / kWh based on IE's test results with part load & degradation table for September & October 2021.

However, NEPRA has provisionally considered heat rate of 7,950.183 btu/kWh (at 100% as given in Heat Rate report by IE) in FCA decision of September 2021 dated December 6, 2021 and stated that any adjustment, once the Authority approves the heat rate of KCCPP on HSD / Auxiliaries, would be adjusted subsequently along with cost allowed previously.

Accordingly, KE has also used 7,950 btu / kWh for March 2022 with request to adjust the same in line with Heat rate determined by Authority considering IE's test results, part load adjustment and degradation factor.

Note 2: NEPRA issued its determination for KGTPS heat rate on November 05, 2021, and heat rate requested for March 2022 is based on the same.

Note 3: NEPRA has issued decision on KCCP & SGTPS heat rates on Sep 02, 2020 and Jan 18, 2021, respectively. However, KE has filed review motion against the decisions. Above claim is based on heat rates in NEPRA's aforementioned decisions and impact of revision pursuant to review decision will be separately claimed based on final determination.

Work Sheet- Generation Fuel Cost Variation

DESCRIPTION		Dec-21	Mar-22	
		Reference	Current	
6	Calorific Value - Furnace Oil	Btu/kg	40,351	40,351
7	FUEL PRICES			
4a	Fuel Price - Indigenous Gas	Rs./MMBTU	857	857
4b	Fuel Price - Furnace Oil	Rs./Mton	102,952	113,671
4c	Fuel Price - Furnace Oil	Rs./MMBTU	2,551	2,817
4d	Fuel Price - LNG	Rs./MMBTU	2,203	3,083
4e	Fuel Price - HSD	Rs./MMBTU	3,060	3,466
4f	Fuel Price - BQPS III		-	5,317
8	COST OF FUEL			
	8a Furnace oil			
	i Bin Qasim - I			
	Unit 1	Mill Rs.	-	840,255
	Unit 2	Mill Rs.	269,992	1,399,114
	Unit 3	Mill Rs.	-	-
	Unit 4	Mill Rs.	-	-
	Unit 5	Mill Rs.	-	2,456,515
	Unit 6	Mill Rs.	-	2,853,543
	Total Cost of Furnace Oil - Bin Qasim - I	Mill Rs.	269,992	7,529,426
	8b Indigenous Gas			
	i Bin Qasim - I			
	Unit 1	Mill Rs.	-	-
	Unit 2	Mill Rs.	-	-
	Unit 3	Mill Rs.	-	-
	Unit 4	Mill Rs.	-	-
	Unit 5	Mill Rs.	-	-
	Unit 6	Mill Rs.	-	-
	Total Cost of Indigenous Gas - Bin Qasim - I	Mill Rs.	-	-
	ii Bin Qasim II - 560 MW	Mill Rs.	-	-
	iii Korangi Town Gas Turbine II	Mill Rs.	-	-
	iv Site Gas Turbine II	Mill Rs.	-	-
	v Korangi CCPP	Mill Rs.	-	-
	Total Cost of Indigenous Gas - KE	Mill Rs.	-	-
	8c LNG			
	i Bin Qasim - I			
	Unit 1	Mill Rs.	-	5,894
	Unit 2	Mill Rs.	114,036	11,300
	Unit 3	Mill Rs.	-	-
	Unit 4	Mill Rs.	-	-
	Unit 5	Mill Rs.	-	6,828
	Unit 6	Mill Rs.	-	79,950
	Total Cost of LNG - Bin Qasim - I	Mill Rs.	114,036	103,972
	ii Bin Qasim II - 560 MW	Mill Rs.	5,229,619	8,241,532
	iii Korangi Town Gas Turbine II	Mill Rs.	1,239	0,538
	iv Site Gas Turbine II	Mill Rs.	3,345	3,566
	v Korangi CCPP	Mill Rs.	8,112	-
	vi BQPS III		-	497,377
	Total Cost of LNG - KE	Mill Rs.	5,356,350	8,846,984
	8d HSD			
	i Korangi CCPP	Mill Rs.	48,607	213,315
	Total Cost of HSD - KE	Mill Rs.	48,607	213,315
	GIDC Arrears billed - Note 4			
	Total cost of fuel - KE	a Mill Rs.	5,674,949	16,589,725
9	Variation in Cost of Fuel - KE			
	9a Units Sent Out - KE	GWh	300,743	590,638
	9b Units - Power Purchases	GWh	870,536	1,038,207
	Total Units Sent Out:	b GWh	1,171,279	1,628,845
	9c Cost per unit	c = a/d Rs./kWh	4.845	10.185
	9d Variation per unit (Cost of Fuel - KE)	Rs./kWh		5.340
	9e Variation amount (Cost of Fuel - KE)	Mill Rs.		8,697,828

Note 4: Installment of GIDC arrears amounting to PKR 762 million per month is being billed by SSGC as per Supreme court order dated November 02, 2020. However, NEPRA in its FCA decision for the month of June 2021 has stated "considering the fact that I-Electric has obtained stay order from the Honorable SHC in the matter, decide not to allow any amount on account of GIDC till final decision by the Honorable SHC in the matter". Accordingly, GIDC for the month of March 2022 will be claimed as per the final decision of Honorable SHC in the matter.

Note 5: BQPS III plant is currently under commissioning phase. KE has requested vide letter dated March 22, 2022 to allow fuel costs during commissioning phase to be allowed at actual as plant is subject to open cycle and lower efficiency operations during this phase. Further, post full commissioning of the unit, the cost would be claimed at NEPRA approved benchmark.

Work Sheet- Power Purchase

DESCRIPTION		Dec-21	Mar-22		
		Reference	Current		
1 POWER PURCHASES					
a	TAPAL	GWh	34.577	72.003	
b	GUL AHMED	GWh	22.644	65.868	
c	CPPA-G	GWh	709.747	776.560	
d	ANOUD POWER	GWh	-	-	
e	INT IND (IIL)	GWh	0.732	2.484	
f	FFBL	GWh	34.168	33.723	
g	SNPC	GWh	53.264	63.258	
h	OURSUN	GWh	6.482	8.959	
i	CPPA-G - 150 MW	GWh	-	-	
j	GHARO SOLAR	GWh	6.565	10.605	
k	LOTTE	GWh	2.146	4.439	
l	LUCKY	GWh	0.211	0.308	
		GWh	870.536	1,038.207	
2 COST OF POWER PURCHASES - FUEL COST					
a	TAPAL	Mill Rs.	833.021	1,676.350	
b	GUL AHMED	Mill Rs.	558.860	1,565.128	
c	CPPA-G - Note 1	Mill Rs.	6,126.181	7,289.491	
d	ANOUD POWER	Mill Rs.	-	-	
e	INT IND (IIL)	Mill Rs.	7.797	26.509	
f	FFBL	Mill Rs.	517.977	511.231	
g	SNPC	Mill Rs.	361.922	431.930	
h	OURSUN	Mill Rs.	-	-	
i	CPPA-G - 150 MW	Mill Rs.	-	-	
j	GHARO SOLAR	Mill Rs.	-	-	
k	LOTTE	Mill Rs.	47.015	136.114	
l	LUCKY	Mill Rs.	2.016	2.943	
TOTAL		Mill Rs.	8,454.788	11,639.697	
3 FUEL COST / UNIT					
a	TAPAL	Rs./kwh	24.092	23.282	
b	GUL AHMED	Rs./kwh	24.680	23.762	
c	CPPA-G - Note 1	Rs./kwh	8.632	9.387	
d	ANOUD POWER	Rs./kwh	-	-	
e	INT IND (IIL)	Rs./kwh	10.651	10.670	
f	FFBL	Rs./kwh	15.160	15.160	
g	SNPC	Rs./kwh	6.795	6.828	
h	OURSUN	Rs./kwh	-	-	
i	CPPA-G - 150 MW	Rs./kwh	-	-	
j	GHARO SOLAR	Rs./kwh	-	-	
k	LOTTE	Rs./kwh	21.908	30.663	
l	LUCKY	Rs./kwh	9.556	9.556	
4 VARIATION IN COST OF FUEL - POWER PURCHASES					
4a	Cost of Fuel - Power Purchases	a	Mill Rs.	8,454.788	11,639.697
Units Sent out:					
	Units Sent Out - KE		GWh	300.743	590.638
	Units - Power Purchases		GWh	870.536	1,038.207
4b	Total Units Sent Out	b	GWh	<u>1,171.279</u>	<u>1,628.845</u>
4c	Cost per unit	c = a/b	Rs./kwh	7.218	7.146
4d	Variation per unit (Cost of Fuel - Power Purchases)		Rs./kwh		(0.072)
4e	Variation amount (Cost of Fuel - Power Purchases)		Mill Rs.		<u>(117.997)</u>

Note 1: CPPA-G's fuel cost for the month of March 2022 is based on the rate of CPPA-G's requested rate for March 2022 and is subject to adjustment based on determination for March 2022 to be issued by NEPRA.

Impact of Net Metering

Description	Unit	Legend	Mar-22
Load connected			
Commissioned load			
at March 1, 2022	MW	A	72.63
at March 31, 2022	MW	B	82.02
Average	MW	$C = (A+B) / 2$	77.33
Estimated Units at standard load factor of 18%	GWh	$D = (C \times 31^1 \times 24^2 \times 18\%) / (10^3)$	10.36
Units supplied by Net metering consumers to KE			
-Units netted off with supply to consumers (off-set at respective rates)	GWh	E	2.62
-Units sold to KE over and above consumption by consumers at National Average Power purchase price	GWh	F	2.31
Total units purchased	GWh	$G = E + F$	4.92
Self Consumption by Net Metering consumers	GWh	$H = D - G$	5.43
Amount of units purchased (excluding taxes)			
-Amount of Units netted off with supply to consumers (off-set at respective rates)	PKR million	I	49.10
-Amount of Units sold to KE over and above consumption by consumers at National Average Power purchase price	PKR million	J	29.88
Total amount	PKR million	$K = I + J$	78.98
Cost per unit			
- Units netted off	PKR / kWh	$L = I / E$	18.76
- Units NAPP	PKR / kWh	$M = J / F$	12.95
- Units Overall	PKR / kWh	$N = K / G$	16.04
Financial impact			
Average cost of fuel per unit sent out (KE and power purchase) (as filed in FCA)	PKR / kWh	O	16.94
Contribution margin per unit	PKR / kWh	P	4.80
Differential in cost of fuel (KE and power purchase)	PKR million	$Q = (O - M) \times (F)$	9.19
Contribution loss on netted units with sales	PKR million	$R = -(E \times P)$	(12.56)
Contribution loss on self consumption	PKR million	$S = -(P \times H)$	(26.07)
Net loss	PKR million	$T = Q + R + S$	<u>(29.44)</u>

¹ No. of days in March

² No. of hours in a day