

Albuquerque, NM 76101 (FC request, Jan 24)



- iii) FCA calculated as the difference between Actual fuel cost vs the Annual weighted average reference cost (**FCA – Ref Yearly Average Cost**)

Under this method, the monthly FCAs are calculated by comparing actual monthly fuel cost against weighted average annual reference fuel cost. Here the reference fuel cost will align with the yearly average fuel cost allowed in the determined tariff, and there will be no systematic under / over recovery of costs or additional working capital implications.

The summary of required provisional FCA (PKR/kWh) under the aforementioned scenarios are given below:

Particulars	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24
	PKR/kWh						
<b>FCA – Ref Interim Tariff – March 2023 (Annexure A)</b>	2.02	1.00	1.74	4.96	1.73	0.91	3.34
<b>FCA – Ref Monthly Cost (Annexure B)</b>	0.07	0.05	(0.03)	3.11	(0.26)	4.08	8.73
<b>FCA – Ref Yearly Average Cost (Annexure C)</b>	2.46	1.44	2.18	5.40	2.17	1.35	3.78

We request Honorable Authority for kind approval of one of the aforementioned provisional FCA requests and look forward to Honorable Authority's guidance and support in this regard.

Sincerely,

**Muhammad Aamir Ghaziani**  
Chief Financial Officer

**Enclosed:**

- Calculation sheet of monthly variation – July 2023 to January 2024 (Annexure A to E)
- Supporting Documents – July 2023 to January 2024
- Sent out, units served, and units billed summary – July 2023 to January 2024

## K-Electric Limited

## Fuel Cost Adjustment - Summary with Reference based on Interim Tariff

Description	Units	Legend	Reference	Jul-23	Aug-23	Sep-23
<b>Actual Data</b>						
Cost of Fuel - KE	PKR Mn	a	13,504	24,189	19,645	19,157
Cost of Fuel - Power Purchases	PKR Mn	b	10,135	10,169	9,143	10,564
<b>Cost of Fuel - Total</b>	<b>PKR Mn</b>	<b>c = a + b</b>	<b>23,638</b>	<b>34,358</b>	<b>28,788</b>	<b>29,721</b>
Units Served	GWh	d	1,464	1,891	1,679	1,662
Cost per unit Served <sup>1</sup>	PKR / KWh	e = c / d	16.14	18.17	17.14	17.88
<b>Fuel Cost Adjustment (FCA)</b>						
Fuel Cost Adjustment - Variation	PKR / KWh	f = e - e(ref)		2.02	1.00	1.74
Fuel Cost Adjustment - Amount	PKR Mn	g = f x d		3,828	1,683	2,897

1. Reference Fuel Cost is based on KE's FCA Decision for March 2023 grossed up to Units Served Level with monthly Transmission Loss of March 2023.

## K-Electric Limited

## Fuel Cost Adjustment - Summary with Reference based on Interim Tariff

Description	Units	Legend	Reference	Oct-23	Nov-23	Dec-23	Jan-24
<b>Actual Data</b>							
Cost of Fuel - KE	PKR Mn	a	13,504	21,956	13,962	9,988	9,002
Cost of Fuel - Power Purchases	PKR Mn	b	10,135	13,561	9,337	8,261	11,508
Cost of Fuel - Total	PKR Mn	c = a + b	23,638	35,517	23,299	18,248	20,511
Units Served	GWh	d	1,464	1,683	1,304	1,070	1,053
Cost per unit Served <sup>1</sup>	PKR / KWh	e = c / d	16.14	21.10	17.87	17.06	19.48
<b>Fuel Cost Adjustment (FCA)</b>							
Fuel Cost Adjustment - Variation	PKR / KWh	f = e - e(ref)		4.96	1.73	0.91	3.34
Fuel Cost Adjustment - Amount	PKR Mn	g = f x d		8,349	2,254	978	3,513

1. Reference Fuel Cost is based on KE's FCA Decision for March 2023 grossed up to Units Served Level with monthly Transmission Loss of March 2023.

## Fuel Cost Adjustment - Summary with Reference based on Monthly Cost

Description	Units	Legend	Jul-23	Aug-23	Sep-23
<b>Reference Data<sup>1</sup></b>					
Cost of Fuel - KE	PKR Mn	a	24,056	19,574	19,078
Cost of Fuel - Power Purchases	PKR Mn	b	10,150	9,118	10,663
<b>Cost of Fuel - Total</b>	<b>PKR Mn</b>	<b>c = a + b</b>	<b>34,207</b>	<b>28,692</b>	<b>29,741</b>
Units Served	GWh	d	1,891	1,679	1,660
Cost per Units Served	PKR / KWh	e = c / d	18.09	17.09	17.92
<b>Actual Data</b>					
Cost of Fuel - KE	PKR Mn	f	24,189	19,645	19,157
Cost of Fuel - Power Purchases	PKR Mn	g	10,169	9,143	10,564
<b>Cost of Fuel - Total</b>	<b>PKR Mn</b>	<b>h = f + g</b>	<b>34,358</b>	<b>28,788</b>	<b>29,721</b>
Units Served	GWh	i	1,891	1,679	1,662
Cost per unit Served	PKR / KWh	j = h / i	18.17	17.14	17.88
<b>Fuel Cost Adjustment (FCA)</b>					
Fuel Cost Adjustment - Variation	PKR / KWh	k = j - e	0.07	0.05	(0.03)
Fuel Cost Adjustment - Amount	PKR Mn	l = k x i	139	85	(55)

1. Reference is based on Annexure M of the Tariff Petition filed vide letter No. KE/BPR/2023/322 dated December 27, 2023.

## K-Electric Limited

## Fuel Cost Adjustment - Summary with Reference based on Monthly Cost

Description	Units	Legend	Oct-23	Nov-23	Dec-23	Jan-24
<b>Reference Data<sup>1</sup></b>						
Cost of Fuel - KE	PKR Mn	a	20,402	14,657	7,594	4,443
Cost of Fuel - Power Purchases	PKR Mn	b	10,101	10,906	7,955	6,788
<b>Cost of Fuel - Total</b>	PKR Mn	<b>c = a + b</b>	<b>30,503</b>	<b>25,563</b>	<b>15,548</b>	<b>11,230</b>
Units Served	GWh	d	1,696	1,410	1,198	1,045
Cost per Units Served	PKR / KWh	e = c / d	17.99	18.13	12.98	10.75
<b>Actual Data</b>						
Cost of Fuel - KE	PKR Mn	f	21,956	13,962	9,988	9,002
Cost of Fuel - Power Purchases	PKR Mn	g	13,561	9,337	8,261	11,508
<b>Cost of Fuel - Total</b>	PKR Mn	<b>h = f + g</b>	<b>35,517</b>	<b>23,299</b>	<b>18,248</b>	<b>20,511</b>
Units Served	GWh	i	1,683	1,304	1,070	1,053
Cost per unit Served	PKR / KWh	j = h / i	21.10	17.87	17.06	19.48
<b>Fuel Cost Adjustment (FCA)</b>						
Fuel Cost Adjustment - Variation	PKR / KWh	k = j - e	3.11	(0.26)	4.08	8.73
Fuel Cost Adjustment - Amount	PKR Mn	l = k x i	5,238	(335)	4,366	9,192

1. Reference is based on Annexure M of the Tariff Petition filed vide letter No. KE/BPR/2023/322 dated December 27, 2023.

## K-Electric Limited

## Fuel Cost Adjustment - Summary with Reference based on Yearly Average Cost

Description	Unit	Legend	Jul-23	Aug-23	Sep-23
<b>Reference Data<sup>1</sup></b>					
Cost of Fuel - KE	PKR Mn	a	24,056	19,574	19,078
Cost of Fuel - Power Purchases	PKR Mn	b	10,150	9,118	10,663
<b>Cost of Fuel - Total</b>	<b>PKR Mn</b>	<b>c = a + b</b>	<b>34,207</b>	<b>28,692</b>	<b>29,741</b>
Units Served	GWh	d	1,891	1,679	1,660
Cost per Units Served	PKR / KWh	e	15.70	15.70	15.70
<b>Actual Data</b>					
Cost of Fuel - KE	PKR Mn	f	24,189	19,645	19,157
Cost of Fuel - Power Purchases	PKR Mn	g	10,169	9,143	10,564
<b>Cost of Fuel - Total</b>	<b>PKR Mn</b>	<b>h = f + g</b>	<b>34,358</b>	<b>28,788</b>	<b>29,721</b>
Units Served	GWh	i	1,891	1,679	1,662
Cost per unit Served	PKR / KWh	j = h / i	18.17	17.14	17.88
<b>Fuel Cost Adjustment (FCA)</b>					
Fuel Cost Adjustment - Variation	PKR / KWh	k = j - e	2.46	1.44	2.18
Fuel Cost Adjustment - Amount	PKR Mn	l = k x i	4,659	2,421	3,627

1. Reference is based on Annexure M of the Tariff Petition filed vide letter No. KE/BPR/2023/322 dated December 27, 2023

## K-Electric Limited

## Fuel Cost Adjustment - Summary with Reference based on Yearly Average Cost

Description	Units	Legend	Oct-23	Nov-23	Dec-23	Jan-24
<b>Reference Data<sup>1</sup></b>						
Cost of Fuel - KE	PKR Mn	a	20,402	14,657	7,594	4,443
Cost of Fuel - Power Purchases	PKR Mn	b	10,101	10,906	7,955	6,788
Cost of Fuel - Total	PKR Mn	c = a + b	30,503	25,563	15,548	11,230
Units Served	GWh	d	1,696	1,410	1,198	1,045
Cost per Units Served	PKR / KWh	e	15.70	15.70	15.70	15.70
<b>Actual Data</b>						
Cost of Fuel - KE	PKR Mn	f	21,956	13,962	9,988	9,002
Cost of Fuel - Power Purchases	PKR Mn	g	13,561	9,337	8,261	11,508
Cost of Fuel - Total	PKR Mn	h = f + g	35,517	23,299	18,248	20,511
Units Served	GWh	i	1,683	1,304	1,070	1,053
Cost per unit Served	PKR / KWh	j = h / i	21.10	17.87	17.06	19.48
<b>Fuel Cost Adjustment (FCA)</b>						
Fuel Cost Adjustment - Variation	PKR / KWh	k = j - e	5.40	2.17	1.35	3.78
Fuel Cost Adjustment - Amount	PKR Mn	l = k x i	9,088	2,827	1,449	3,976

1. Reference is based on Annexure M of the Tariff Petition filed vide letter No. KE/BPR/2023/322 dated December 27, 2023



K-Electric Limited

Cost of Fuel - KE

1 UNITS SENT OUT				
Furnace Oil - FO				
a Bin Qasim - I				
Unit 1	GWh	7.05	-	-
Unit 2	GWh	17.15	4.15	-
Unit 5	GWh	45.31	5.35	27.37
Unit 6	GWh	10.95	-	0.78
Sub-total FO	GWh	80.46	9.49	28.14
Natural Gas - NG				
a Bin Qasim - I				
Unit 1	GWh	-	-	-
Unit 2	GWh	-	-	-
Unit 5	GWh	-	-	-
Unit 6	GWh	-	-	-
Sub-total - NG	GWh	-	-	-
b Bin Qasim - II				
With one compressor - SSGC	GWh	-	-	-
With two compressor - SSGC	GWh	-	-	-
c Korangi Town Gas Turbine II - KGTPS				
d Site Gas Turbine II - SGTPS	GWh	-	-	-
e Korangi CCPP - KCCP				
Sub-total NG	GWh	-	-	-
Liquefied Natural Gas - LNG				
a Bin Qasim - I				
Unit 1	GWh	0.05	-	-
Unit 2	GWh	0.11	1.52	-
Unit 5	GWh	1.22	12.43	2.44
Unit 6	GWh	0.16	-	0.11
Sub-total - LNG	GWh	1.55	13.95	2.55
b Bin Qasim - II				
With one compressor - SSGC	GWh	2.67	31.52	34.86
With two compressor - SSGC	GWh	208.60	102.85	64.10
With no compressor - PLL	GWh	-	3.77	9.33
With one compressor - PLL	GWh	2.45	33.74	41.09
With two compressor - PLL	GWh	60.57	3.28	1.86
c Korangi Town Gas Turbine II - KGTPS				
d Site Gas Turbine II - SGTPS	GWh	0.03	-	-
e Korangi CCPP - KCCP				
f BQPS III - Unit 1	GWh	302.10	311.26	297.78
g BQPS III - Unit 2	GWh	298.51	289.81	279.72
Sub-total - LNG	GWh	876.72	790.18	731.29
High Speed Diesel - HSD				
a Korangi CCPP - KCCP				
b BQPS III - Unit 1	GWh	-	-	-
c BQPS III - Unit 2	GWh	-	-	-
Sub-total - HSD	GWh	0.62	0.01	2.61
Total Units - KE Own	GWh	957.81	799.69	762.05

K-Electric Limited  
Cost of Fuel - KE

<b>2 FUEL COST</b>				
<b>Furnace Oil - FO</b>				
<b>a Bin Qasim - I</b>				
Unit 1	PKR Mn	294.30	-	-
Unit 2	PKR Mn	677.78	172.91	-
Unit 5	PKR Mn	1,796.01	225.09	1,174.15
Unit 6	PKR Mn	445.51	-	37.55
Sub-total FO	PKR Mn	3,213.61	398.00	1,211.70
<b>Natural Gas - NG</b>				
<b>a Bin Qasim - I</b>				
Unit 1	PKR Mn	-	-	-
Unit 2	PKR Mn	-	-	-
Unit 5	PKR Mn	-	-	-
Unit 6	PKR Mn	-	-	-
<b>b Bin Qasim - II</b>				
With one compressor - SSGC	PKR Mn	-	-	-
With two compressor - SSGC	PKR Mn	-	-	-
c Korangi Town Gas Turbine II - KGTPS	PKR Mn	-	-	-
d Site Gas Turbine II - SGTPS	PKR Mn	-	-	-
e Korangi CCPP - KCCP	PKR Mn	-	-	-
Sub-total NG	PKR Mn	-	-	-
<b>Liquefied Natural Gas - LNG</b>				
<b>a Bin Qasim - I</b>				
Unit 1	PKR Mn	3.38	-	-
Unit 2	PKR Mn	5.81	71.56	-
Unit 5	PKR Mn	56.13	581.84	109.60
Unit 6	PKR Mn	8.23	-	5.66
<b>b Bin Qasim - II</b>				
With one compressor - SSGC	PKR Mn	84.95	1,023.64	1,178.14
With two compressor - SSGC	PKR Mn	6,550.64	3,369.64	2,276.69
With no compressor - PLL	PKR Mn	-	108.14	314.88
With one compressor - PLL	PKR Mn	65.38	970.31	1,158.04
With two compressor - PLL	PKR Mn	1,573.03	93.02	52.29
c Korangi Town Gas Turbine II - KGTPS	PKR Mn	-	-	-
d Site Gas Turbine II - SGTPS	PKR Mn	1.21	-	-
e Korangi CCPP - KCCP	PKR Mn	9.92	-	-
f BQPS III - Unit 1	PKR Mn	6,143.30	6,632.99	6,434.23
g BQPS III - Unit 2	PKR Mn	6,109.63	6,237.11	6,060.58
Sub-total - LNG	PKR Mn	20,611.62	19,088.25	17,590.11
<b>High Speed Diesel - HSD</b>				
a Korangi CCPP - KCCP	PKR Mn	40.18	1.40	169.17
b BQPS III - Unit 1	PKR Mn	-	-	-
c BQPS III - Unit 2	PKR Mn	-	-	-
Sub-total - HSD	PKR Mn	40.18	1.40	169.17
Total Fuel Cost - KE Own	PKR Mn	23,865.42	19,487.64	18,970.98
<b>3 START UP COST</b>				
a Bin Qasim - I	PKR Mn	285.62	124.49	130.61
b Bin Qasim - II	PKR Mn	33.54	32.29	42.01
c Korangi Town Gas Turbine II - KGTPS	PKR Mn	-	-	-
d Site Gas Turbine II - SGTPS	PKR Mn	0.32	-	-
e Korangi CCPP - KCCP	PKR Mn	4.23	0.99	7.89
f BQPS III - Unit 1 LNG	PKR Mn	-	-	5.55
g BQPS III - Unit 2 LNG	PKR Mn	-	-	-
Total Startup Cost	PKR Mn	323.71	157.77	186.06
Total fuel cost including (Startup cost)	PKR Mn	24,189.13	19,645.41	19,157.04

Note 1: The cost of Fuel is based on Heat Rate adjusted with Part Load and degradation as requested in the petition

Note 2: KE was able to get the RLNG from PLL to BQPS II in order to ensure optimum utilization of BQPS II. KE has claimed the cost of RLNG (PLL) for BQPS II based on weighted average rate for each month as per PLL's invoices.

Note 3: KE had requested for basket rate prices determination for supply from PLL and OGRA determination for PLL supply to KE is awaited for the month of July 2023 to November 2023. Accordingly, the prices for RLNG for these months are provisional and subject to adjustment based on OGRA determination in future. The prices of RLNG (PLL) for the month of December 2023 and January 2024 are based on OGRA's Notification dated January 02, 2024 and January 24, 2024 respectively.

K-Electric Limited  
Cost of Fuel - KE

1 UNITS SENT OUT					
Furnace Oil - FO					
a Bin Qasim - I					
Unit 1	GWh				-
Unit 2	GWh				-
Unit 5	GWh	10.93	18.42	-	5.48
Unit 6	GWh	16.67	18.99	-	-
Sub-total FO	GWh	27.60	37.41	-	5.48
Natural Gas - NG					
a Bin Qasim - I					
Unit 1	GWh				-
Unit 2	GWh				-
Unit 5	GWh	-	12.52	-	-
Unit 6	GWh	-	3.99	-	-
Sub-total - NG	GWh	-	16.51	-	-
b Bin Qasim - II					
With one compressor - SSGC	GWh	-	25.15	-	-
With two compressor - SSGC	GWh	-	0.07	-	-
c Korangi Town Gas Turbine II - KGTPS					
d Site Gas Turbine II - SGTPS	GWh	-	0.00	-	-
e Korangi CCPP - KCCP					
Sub-total NG	GWh	-	43.47	-	-
Liquefied Natural Gas - LNG					
a Bin Qasim - I					
Unit 1	GWh				-
Unit 2	GWh				-
Unit 5	GWh	50.34	22.37	-	-
Unit 6	GWh	14.56	7.14	-	-
Sub-total - LNG	GWh	64.90	29.51	-	-
b Bin Qasim - II					
With one compressor - SSGC	GWh	82.06	39.13	-	-
With two compressor - SSGC	GWh	-	0.10	-	-
With no compressor - PLL	GWh	49.99	140.65	262.63	63.31
With one compressor - PLL	GWh	165.23	119.67	-	10.49
With two compressor - PLL	GWh	-	0.17	-	-
c Korangi Town Gas Turbine II - KGTPS					
d Site Gas Turbine II - SGTPS	GWh	0.10	0.04	-	-
e Korangi CCPP - KCCP					
f BQPS III - Unit 1	GWh	326.25	45.00	-	182.92
g BQPS III - Unit 2	GWh	-	-	-	0.71
Sub-total - LNG	GWh	713.75	378.44	262.63	257.42
High Speed Diesel- HSD					
a Korangi CCPP - KCCP					
b BQPS III - Unit 1	GWh	-	-	1.08	7.71
c BQPS III - Unit 2	GWh	-	-	-	-
Sub-total - HSD	GWh	2.78	0.15	1.20	7.71
Total Units - KE Own	GWh	744.133	459.46	263.83	270.61

K-Electric Limited  
Cost of Fuel - KE

2 FUEL COST					
<b>Furnace Oil - FO</b>					
a Bin Qasim - I					
Unit 1	PKR Mn				-
Unit 2	PKR Mn				-
Unit 5	PKR Mn	457.75	786.97	-	241.85
Unit 6	PKR Mn	723.17	842.88	-	-
Sub-total FO	PKR Mn	1,180.92	1,629.85	-	241.85
<b>Natural Gas - NG</b>					
a Bin Qasim - I					
Unit 1	PKR Mn				-
Unit 2	PKR Mn				-
Unit 5	PKR Mn	-	149.28	-	-
Unit 6	PKR Mn	-	52.98	-	-
b Bin Qasim - II					
With one compressor - SSGC	PKR Mn	-	217.92	-	-
With two compressor - SSGC	PKR Mn	-	0.60	-	-
c Korangi Town Gas Turbine II - KGTPS	PKR Mn	-	-	-	-
d Site Gas Turbine II - SGTPS	PKR Mn	-	0.00	-	-
e Korangi CCPP - KCCP	PKR Mn	-	17.65	-	-
Sub-total NG	PKR Mn	-	438.43	-	-
<b>Liquefied Natural Gas - LNG</b>					
a Bin Qasim - I					
Unit 1	PKR Mn				-
Unit 2	PKR Mn				-
Unit 5	PKR Mn	2,226.14	1,020.67	-	-
Unit 6	PKR Mn	696.04	362.23	-	-
b Bin Qasim - II					
With one compressor - SSGC	PKR Mn	2,621.71	1,297.07	-	0.00
With two compressor - SSGC	PKR Mn	-	3.55	-	-
With no compressor - PLL	PKR Mn	1,989.37	4,220.83	9,866.17	2,381.24
With one compressor - PLL	PKR Mn	4,711.93	3,662.96	-	438.21
With two compressor - PLL	PKR Mn	-	5.57	-	-
c Korangi Town Gas Turbine II - KGTPS	PKR Mn	2.42	-	-	-
d Site Gas Turbine II - SGTPS	PKR Mn	3.83	1.71	-	-
e Korangi CCPP - KCCP	PKR Mn	891.70	160.36	-	-
f BQPS III - Unit 1	PKR Mn	7,255.56	1,085.12	-	5,395.57
g BQPS III - Unit 2	PKR Mn	-	-	-	20.03
Sub-total - LNG	PKR Mn	20,398.70	11,820.08	9,866.17	8,235.05
<b>High Speed Diesel - HSD</b>					
a Korangi CCPP - KCCP	PKR Mn	160.79	10.55	8.77	-
b BQPS III - Unit 1	PKR Mn	-	-	57.26	424.55
c BQPS III - Unit 2	PKR Mn	-	-	-	-
Sub-total - HSD	PKR Mn	160.79	10.55	66.03	424.55
Total Fuel Cost - KE Own	PKR Mn	21,740.41	13,898.91	9,932.20	8,901.45
<b>3 START UP COST</b>					
a Bin Qasim - I	PKR Mn	144.43	14.57	-	64.62
b Bin Qasim - II	PKR Mn	15.80	22.50	53.41	36.04
c Korangi Town Gas Turbine II - KGTPS	PKR Mn	0.30	-	-	-
d Site Gas Turbine II - SGTPS	PKR Mn	0.46	0.30	-	-
e Korangi CCPP - KCCP	PKR Mn	54.80	25.83	2.06	-
f BQPS III - Unit 1 LNG	PKR Mn	-	-	-	-
g BQPS III - Unit 2 LNG	PKR Mn	-	-	-	-
Total Startup Cost	PKR Mn	215.80	63.19	55.47	100.66
Total fuel cost including (Startup cost)	PKR Mn	21,956.21	13,962.10	9,987.68	9,002.11

Note 1: The cost of Fuel is based on Heat Rate adjusted with Part Load and degradation as requested in the petition

Note 2: KE was able to get the RLNG from PLL to BQPS II in order to ensure optimum utilization of BQPS II. KE has claimed the cost of RLNG (PLL) for BQPS II based on weighted average rate for each month as per PLL's invoices.

Note 3: KE had requested for basket rate prices determination for supply from PLL and OGRA determination for PLL supply to KE is awaited for the month of July 2023 to November 2023. Accordingly, the prices for RLNG for these months are provisional and subject to adjustment based on OGRA determination in future. The prices of RLNG (PLL) for the month of December 2023 and January 2024 are based on OGRA's Notification dated January 02, 2024 and January 24, 2024 respectively.

Description					Units	2023	2023	2023
					2023	2023	2023	2023
<b>1 UNITS PURCHASED</b>								
a	Mix							
	CPPA	GWh	772.23	753.46	710.86			
	Sub-total - Mix	GWh	772.23	753.46	710.86			
b	Furnace Oil - FO							
	Tapal	GWh	46.08	29.25	48.76			
	Gul Ahmed	GWh	43.47	20.00	47.25			
	Sub-total - Mix	GWh	89.55	49.25	96.01			
d	Natural Gas - NG							
	International Industries - IIL	GWh	0.31	1.26	0.00442			
	International Steel - ISL	GWh	2.15	2.25	0.54			
	SNPC - I	GWh	19.96	21.92	20.56			
	SNPC - II	GWh	19.85	19.85	21.00			
	Lucky	GWh	0.25	0.19	0.30			
	Sub-total - NG	GWh	42.52	45.47	42.39			
e	Liqified Natural Gas - LNG							
	Lotte	GWh	1.93	1.15	-			
	Sub-total - LNG	GWh	1.93	1.15	-			
f	Coal							
	FPCL	GWh	15.17	25.23	37.25			
	Sub-total - Coal	GWh	15.17	25.23	37.25			
g	Renewables							
	Oursun	GWh	6.65	5.56	7.28			
	Gharo	GWh	7.86	5.44	8.23			
	Net Metering	GWh	12.09	8.96	10.70			
	Sub-total - Renewables	GWh	26.59	19.96	26.22			
<b>Total Units Purchased - IPPs</b>					GWh	947.98	894.52	912.72
<b>2 COST OF POWER PURCHASE - FUEL</b>								
a	Mix							
	CPPA	PKR Mn	6,464.22	6,307.08	5,327.44			
	Sub-total - Mix	PKR Mn	6,464.22	6,307.08	5,327.44			
b	Furnace Oil - FO							
	Tapal	PKR Mn	1,533.81	1,108.74	2,121.88			
	Gul Ahmed	PKR Mn	1,401.07	730.07	2,069.36			
	Sub-total - Mix	PKR Mn	2,934.87	1,838.81	4,191.24			
d	Natural Gas - NG							
	International Industries - IIL	PKR Mn	-	14.58	0.05			
	International Steel - ISL	PKR Mn	25.33	26.48	6.34			
	SNPC - I	PKR Mn	174.57	192.43	179.90			
	SNPC - II	PKR Mn	172.51	173.22	182.60			
	Lucky	PKR Mn	2.66	1.99	3.14			
	Sub-total - NG	PKR Mn	375.07	408.70	372.03			
e	Liqified Natural Gas - LNG							
	Lotte	PKR Mn	70.21	42.86	-			
	Sub-total - LNG	PKR Mn	70.21	42.86	-			
f	Coal							
	FPCL	PKR Mn	324.84	545.56	673.55			
	Sub-total - Coal	PKR Mn	324.84	545.56	673.55			
g	Renewables							
	Oursun	PKR Mn	-	-	-			
	Gharo	PKR Mn	-	-	-			
	Net Metering	PKR Mn	-	-	-			
	Sub-total - Renewables	PKR Mn	-	-	-			
<b>Total Fuel Cost - IPPs</b>					PKR Mn	10,169.22	9,143.02	10,564.27

Note 1: CPPA's Fuel Cost for the month of January 2024 is based on CPPA-G's filing request and is subject to be actualized based on the final determination of NEPRA.

Note 2: Net Metering Units include units netted off with supply to consumer as well as units sold to KE over and above consumption by consumers at National Average Power Purchase Price (NAPP). The amount of these units will be claimed as a part of capacity cost in the quarterly adjustments for the quarter ending September 2023, December 2023 and March 2024 as directed by the Authority in KE's FCA Decision dated February 09, 2023.

DESCRIPTION	Oct-23	Nov-23	Dec-23	Jan-24
<b>1 UNITS PURCHASED</b>				
a Mix				
CPPA	GWh 711.400	689.79	709.39	683.67
Sub-total - Mix	GWh 711.400	689.79	709.39	683.67
b Furnace Oil - FO				
Tapal	GWh 50.00	26.98	4.41	22.45
Gul Ahmed	GWh 58.36	27.25	1.53	10.43
Sub-total - Mix	GWh 108.366	54.23	5.94	32.88
d Natural Gas - NG				
International Industries - IIL	GWh 0.00224	-	-	-
International Steel - ISL	GWh 1.515	1.88	0.13	1.27
SNPC - I	GWh 30.590	22.12	20.81	20.69
SNPC - II	GWh 29.484	22.72	20.82	21.03
Lucky	GWh 0.337	0.26	0.22	0.25
Sub-total - NG	GWh 61.928	46.98	41.99	43.23
e Liquefied Natural Gas - LNG				
Lotte	GWh -	-	-	-
Sub-total - LNG	GWh -	-	-	-
f Coal				
FPCL	GWh 40.535	36.06	28.78	1.06
Sub-total - Coal	GWh 40.535	36.06	28.78	1.06
g Renewables				
Oursun	GWh 7.62	6.39	7.08	6.91
Gharo	GWh 8.344	6.56	7.14	6.98
Net Metering	GWh 13.52	12.07	12.69	14.55
Sub-total - Renewables	GWh 29.482	25.02	26.90	28.44
<b>Total Units Purchased - IPPs</b>	<b>GWh 951.712</b>	<b>852.07</b>	<b>813.00</b>	<b>789.29</b>
<b>2 COST OF POWER PURCHASE - FUEL</b>				
a Mix				
CPPA	PKR Mn 7,858.98	6,196.00	7,110.39	9,995.41
Sub-total - Mix	PKR Mn 7,858.98	6,196.00	7,110.39	9,995.41
b Furnace Oil - FO				
Tapal	PKR Mn 2,024.07	977.88	154.14	717.84
Gul Ahmed	PKR Mn 2,398.14	1,010.08	55.00	374.44
Sub-total - Mix	PKR Mn 4,422.21	1,987.95	209.14	1,092.28
d Natural Gas - NG				
International Industries - IIL	PKR Mn -	-	-	-
International Steel - ISL	PKR Mn 17.81	40.12	2.33	30.99
SNPC - I	PKR Mn 268.56	192.80	181.03	180.45
SNPC - II	PKR Mn 257.26	196.84	180.08	182.23
Lucky	PKR Mn 3.56	5.67	4.92	5.97
Sub-total - NG	PKR Mn 547.19	435.43	368.36	399.63
e Liquefied Natural Gas - LNG				
Lotte	PKR Mn -	-	-	-
Sub-total - LNG	PKR Mn -	-	-	-
f Coal				
FPCL	PKR Mn 732.89	717.57	572.67	21.11
Sub-total - Coal	PKR Mn 732.89	717.57	572.67	21.11
g Renewables				
Oursun	PKR Mn -	-	-	-
Gharo	PKR Mn -	-	-	-
Net Metering	PKR Mn -	-	-	-
Sub-total - Renewables	PKR Mn -	-	-	-
<b>Total Fuel Cost - IPPs</b>	<b>PKR Mn 13,561.28</b>	<b>9,336.96</b>	<b>8,260.56</b>	<b>11,508.43</b>

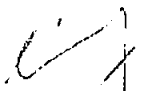
Note 1: CPPA's Fuel Cost for the month of January 2024 is based on CPPA-G's filing request and is subject to be actualized based on the final determination of NEPRA.


Note 2: Net Metering Units include units netted off with supply to consumer as well as units sold to KE over and above consumption by consumers at National Average Power Purchase Price (NAPP). The amount of these units will be claimed as a part of capacity cost in the quarterly adjustments for the quarter ending September 2023, December 2023 and March 2024 as directed by the Authority in KE's FCA Decision dated February 09, 2023.

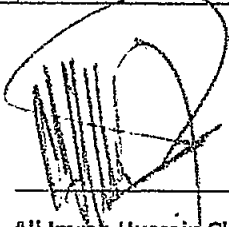
**K-Electric Limited**

***Sent out, Units Served and Units Billed Summary ~ July 2023***

Description	Units (GWh)
<b>KE Sent outs</b>	
BQPS I	82.01
BQPS II	274.28
BQPS III	600.61
KCCP	0.87
KGTPS	-
SGTPS	0.03
<b>Total - KE</b>	<b>957.81</b>
<b>Power Purchased</b>	
Tapal	46.08
Gul Ahmed	43.47
CPPA-G	772.23
International Steel (ISL)	2.15
International Industries (IIL)	0.31
FPCL	15.17
SNPC I	19.96
SNPC II	19.85
Oursun	6.65
Gharo	7.86
Lotte	1.93
Lucky	0.25
<b>Total - IPPs</b>	<b>935.90</b>
<b>Net Metering</b>	<b>12.09</b>
<b>Units Sent out</b>	<b>1,905.79</b>
<b>Units Served</b>	<b>1,891.12</b>
<b>Units Billed</b>	<b>1,515.13</b>

  
Naveed Afzal  
Head of Business Finance  
(Distribution)


  
Aamir Rizwan Qureshi  
Head of Performance & Planning  
(Fuel Management)

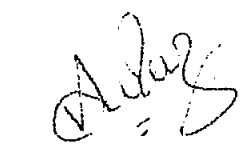
  
Ali Imran Hussain Chaudhary  
Head of Network/Control  
(Transmission)

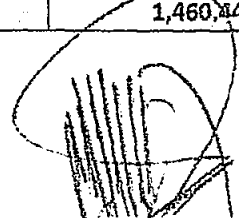
*Note 1: Units imported from net metering consumers are included in units served.*

**K-Electric Limited*****Sent out, Units Served and Units Billed Summary – August 2023***

Description	Units (GWh)
<b>KE Sent outs</b>	
BQPS I	23.44
BQPS II	175.16
BQPS III	601.08
KCCP	0.01
KGTPS	-
SGTPS	-
<b>Total – KE</b>	<b>799.69</b>
<b>Power Purchased</b>	
Tapal	29.25
Gul Ahmed	20.00
CPPA-G	753.46
International Steel (ISL)	2.25
International Industries (IIL)	1.26
FPCL	25.23
SNPC I	21.92
SNPC II	19.85
Oursun	5.56
Gharo	5.44
Lotte	1.15
Lucky	0.19
<b>Total – IPPs</b>	<b>885.57</b>
Net Metering	8.96
<b>Units Sent out</b>	<b>1,694.22</b>
<b>Units Served</b>	<b>1,679.25</b>
<b>Units Billed</b>	<b>1,460.44</b>

  
Naveed Afzal  
Head of Business Finance  
(Distribution)

  
Aamir Rizwan Qureshi  
Head of Performance & Planning  
(Fuel Management)

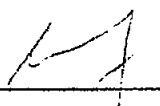
  
Ali Imran Hussain Chaudhary  
Head of Network Control  
(Transmission)

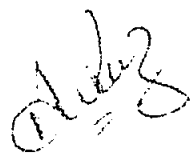
Note 1: Units imported from net metering consumers are included in units served.

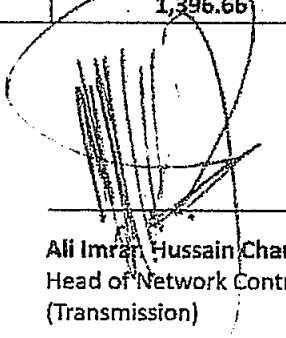


**K-Electric Limited****Sent out, Units Served and Units Billed Summary – September 2023**

Description	Units (GWh)
<b>KE Sent outs</b>	
BQPS I	30.69
BQPS II	151.25
BQPS III	577.50
KCCP	2.61
KGTPS	-
SGTPS	-
<b>Total – KE</b>	<b>762.05</b>
<b>Power Purchased</b>	
Tapal	48.76
Gul Ahmed	47.25
CPPA-G	710.86
International Steel (ISL)	0.54
International Industries (IIL)	0.004
FPCL	37.25
SNPC I	20.56
SNPC II	21.00
Oursun	7.28
Gharo	8.23
Lotte	-
Lucky	0.30
<b>Total – IPPs</b>	<b>902.02</b>
Net Metering	10.70
<b>Units Sent out</b>	<b>1,674.77</b>
<b>Units Served</b>	<b>1,662.02</b>
<b>Units Billed</b>	<b>1,396.66</b>

  
Naveed Afzal  
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(Distribution)

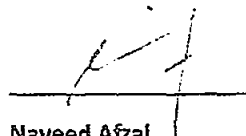
  
Aamir Rizwan Qureshi  
Head of Performance & Planning  
(Fuel Management)


  
Ali Imran Hussain Chaudhary  
Head of Network Control  
(Transmission)


Note 1: Units Imported from net metering consumers are included in units served.

**K-Electric Limited****Sent out, Units Served and Units Billed Summary – October 2023**

Description	Units (GWh)
<b>KE Sent outs</b>	
BQPS I	92.51
BQPS II	297.28
BQPS III	326.25
KCCP	27.93
KGTPS	0.06
SGTPS	0.10
<b>Total – KE</b>	<b>744.13</b>
<b>Power Purchased</b>	
Tapal	50.00
Gul Ahmed	58.36
CPPA-G	711.40
International Steel (ISL)	1.52
International Industries (IIL)	0.002
FPCL	40.54
SNPC I	30.59
SNPC II	29.48
Oursun	7.62
Gharo	8.34
Lotte	-
Lucky	0.34
<b>Total – IPPs</b>	<b>938.19</b>
<b>Net Metering</b>	<b>13.52</b>
<b>Units Sent out</b>	<b>1,695.84</b>
<b>Units Served</b>	<b>1,682.91</b>
<b>Units Billed</b>	<b>1,435.15</b>

  
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(Transmission)


Note 1: Units imported from net metering consumers are included in units served.

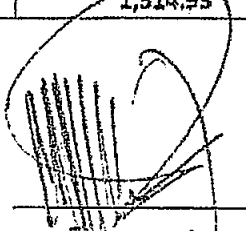
**K-Electric Limited**

***Sent out, Units Served and Units Billed Summary – November 2023***

Description	Units (GWh)
KE Sent outs	
BQPS I	83.43
BQPS II	324.94
BQPS III	45.00
KCCP	6.05
KGTPS	-
SGTPS	0.04
<b>Total – KE</b>	<b>459.46</b>
Power Purchased	
Tapal	26.98
Gul Ahmed	27.25
CPPA-G	689.79
International Steel (ISL)	1.88
International Industries (IIL)	-
FPCL	36.06
SNPC I	22.12
SNPC II	22.72
Oursun	6.39
Gharo	6.56
Lotte	-
Lucky	0.26
<b>Total – IPPs</b>	<b>840.00</b>
Net Metering	12.07
<b>Units Sent out</b>	<b>1,311.53</b>
<b>Units Served</b>	<b>1,303.78</b>
<b>Units Billed</b>	<b>1,314.93</b>

  
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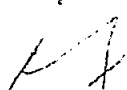
  
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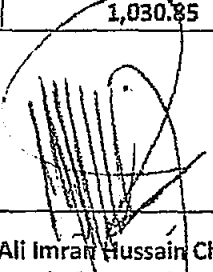
Note 1: Units imported from net metering consumers are included in units served.

**K-Electric Limited****Sent out, Units Served and Units Billed Summary – December 2023**

Description	Units (GWh)
<b>KE Sent outs</b>	
BQPS I	-
BQPS II	262.63
BQPS III	1.08
KCCP	0.13
KGTPS	-
SGTPS	-
<b>Total – KE</b>	<b>263.83</b>
<b>Power Purchased</b>	
Tapal	4.41
Gul Ahmed	1.53
CPPA-G	709.39
International Steel (ISL)	0.13
International Industries (IIL)	-
FPCL	28.78
SNPC I	20.81
SNPC II	20.82
Oursun	7.08
Gharo	7.14
Lotte	-
Lucky	0.22
<b>Total – IPPs</b>	<b>800.31</b>
<b>Net Metering</b>	<b>12.69</b>
<b>Units Sent out</b>	<b>1,076.83</b>
<b>Units Served</b>	<b>1,069.90</b>
<b>Units Billed</b>	<b>1,030.85</b>

  
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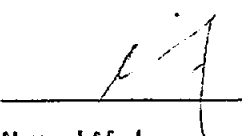
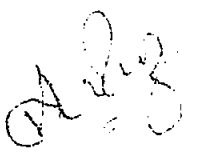
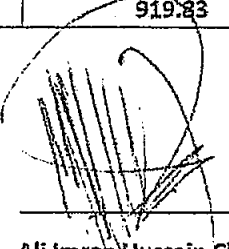
  
Aamir Rizwan Qureshi  
Head of Performance & Planning  
(Fuel Management)

  
Ali Imran Hussain Chaudhary  
Head of Network Control  
(Transmission)

Note 1: Units Imported from net metering consumers are included in units served.

**K-Electric Limited****Sent out, Units Served and Units Billed Summary – January 2024**

Description	Units (GWh)
<b>KE Sent outs</b>	
BQPS I	5.48
BQPS II	73.79
BQPS III	191.34
KCCP	-
KGTPS	-
SGTPS	-
<b>Total – KE</b>	<b>270.61</b>
<b>Power Purchased</b>	
Tapal	22.45
Gul Ahmed	10.43
CPPA-G	683.67
International Steel (ISL)	1.27
International Industries (IIL)	-
FPCL	1.06
SNPC I	20.69
SNPC II	21.03
Oursun	6.91
Gharo	6.98
Lotte	-
Lucky	0.25
<b>Total – IPPs</b>	<b>774.74</b>
<b>Net Metering</b>	<b>14.55</b>
<b>Units Sent out</b>	<b>1,059.90</b>
<b>Units Served</b>	<b>1,053.27</b>
<b>Units Billed</b>	<b>919.83</b>

  
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Note 1: Units imported from net metering consumers are included in units served.