

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

Ref No. KE/BPR/NEPRA/2025/104

April 18, 2025

REGISTRAR OFFICE
Diary No: 4805
Date: 22-4-25

SUBJECT: PROVISIONAL REQUEST FOR MONTHLY FUEL COST VARIATION FOR MARCH 2025

Dear Sir,

This is with reference to NEPRA's decision regarding provisional monthly Fuel Cost Adjustment (FCA) for the period from July 2023 to January 2025, whereby Provisional FCA has been allowed based on parameters defined in MYT 2017-23.

In this regard, please find enclosed calculation of provisional FCA for the month of March 2025 along with relevant supports, for Authority's approval. Provisional FCAs are subject to adjustment once MYT 2024-2030 is determined.

Monthly Fuel Cost Adjustment for the month of March 2025 has been calculated based on March 2023 as the interim tariff reference for kind consideration of the Authority. Summary of cost variation for the month of March 2025 is as follow:

Month	Variation Amount (PKR Million)	Variation per unit (PKR / kWh)
March 2025	(6,792)	(5.02)

Please note that for the calculation of FCA of March 2025, CPPAG's Fuel Cost for the month of March 2025 is based on CPPA-G's requested rate in the matter of Fuel Charges Adjustment for the month of March 2025 and is subject to actualization based on NEPRA's Decision.

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.

We request Honourable Authority for kind approval of the provisional FCA request.

Sincerely,



Ayaz Jaffar Ahmed
Director - Finance

For information & n.a, please.

• DG (Tariff)

Copy to:

• DG ()

• MF

CC: Chairman

- M (Tariff)

Enclosed:

- Calculation sheet of monthly variation – March 2025 (Annexure A to C)
- Supporting Documents – March 2025

TARIFF (DEPARTMENT)

Dir (T-I)..... Dir (T-II).....

Dir (T-III)..... Dir (T-IV).....

Dir (T-V)..... Addl. Dir (RE).....

Date: 23-4-25

Tariff Division Record

By No. 1850
Dated: 23-4-25

K-Electric Limited

Fuel Cost Adjustment - Summary with Reference based on Interim Tariff

Description	Units	Legend	Mar-25
Reference Data¹			
Cost of Fuel - KE	PKR Mn	a	13,504
Cost of Fuel - Power Purchases	PKR Mn	b	10,135
Cost of Fuel - Total	PKR Mn	c = a + b	23,638
Units Sent out	GWh	d	1,478
Cost per Units Sent out	PKR / KWh	e = c / d	15.99
Actual Data (Provisional)			
Cost of Fuel - KE	PKR Mn	f	5,002
Cost of Fuel - Power Purchases	PKR Mn	g	9,847
Cost of Fuel - Total	PKR Mn	h = f + g	14,850
Units Sent out	GWh	i	1,353
Cost per Units Sent out	PKR / KWh	j = h / i	10.97
Fuel Cost Adjustment (FCA)			
Fuel Cost Adjustment - Variation	PKR / KWh	k = j - e	(5.02)
Fuel Cost Adjustment - Amount	PKR Mn	l = k x i	(6,792)

1. Reference Fuel Cost is based on KE's FCA Decision for March 2023.

2. KE would also like to highlight that pursuant to determination of Generation Tariff of Powerplants of KE for the period post June 2023, KE has submitted the required partial load, open cycle and degradation curves along with Startup Cost for approval and an amount of c. PKR 14.6 billion for the period July 2023 to March 2025 is accordingly pending for adjustment out of which Authority has set aside PKR 9.4 billion in KE's FCA Decisions for November 2024 to January 2025. KE requests the Honorable Authority to also consider aforementioned adjustment of accumulated actualization of fuel cost so that the recovery can be made from the negative fuel cost variation of February 2025 and March 2025 to ensure consumers are not burdened at later stage.

K-Electric Limited
KE's Sent out Details

DESCRIPTION		Mar-25
1a	<u>UNITS SENT OUT ON FURNACE OIL</u>	
i	<u>Bin Qasim - I</u>	
	Unit 1	GWh -
	Unit 2	GWh -
	Unit 5	GWh -
	Unit 6	GWh -
	Total units sent out on furnace oil - Bin Qasim - I	GWh -
1b	<u>UNITS SENT OUT ON INDIGENOUS GAS</u>	
i	<u>Bin Qasim - I</u>	
	Unit 1	GWh -
	Unit 2	GWh -
	Unit 5	GWh -
	Unit 6	GWh -
	Total units sent out on indigenous gas - Bin Qasim - I	GWh -
ii (a)	Bin Qasim II - 560 MW with one compressor	GWh -
ii (b)	Bin Qasim II - 560 MW with two compressor	GWh -
iii	Korangi Town Gas Turbine II	GWh -
iv	Site Gas Turbine II	GWh -
v	Korangi CCPP - KCCP	GWh -
	Total units sent out on indigenous gas - KE	GWh -
1c	<u>UNITS SENT OUT ON LNG</u>	
i	<u>Bin Qasim - I</u>	
	Unit 1	GWh -
	Unit 2	GWh -
	Unit 5	GWh -
	Unit 6	GWh -
	Total units sent out on LNG - Bin Qasim - I	GWh -
ii (a)	Bin Qasim II - 560 MW with one compressor (SSGC)	GWh -
ii (b)	Bin Qasim II - 560 MW with two compressors (SSGC)	GWh -
ii (c)	Bin Qasim II - 560 MW with no compressor (PLL - no GT running on SSGC)	GWh 0.37
ii (d)	Bin Qasim II - 560 MW with one compressor (PLL - one GT running on SSGC)	GWh -
ii (e)	Bin Qasim II - 560 MW with two compressors (PLL - two GTs running on SSGC)	GWh -
iii	Korangi Town Gas Turbine II	GWh -
iv	Site Gas Turbine II	GWh -
v	Korangi CCPP - KCCP	GWh -
vi (a)	BQPS III - Unit 1	GWh 187.03
vi (b)	BQPS III - Unit 2	GWh 78.67
	Total units sent out on LNG - KE	GWh 266.07
1d	<u>UNITS SENT OUT ON HSD</u>	
i	Korangi CCPP - KCCP	GWh -
	Total units sent out on HSD	GWh -
Total units sent out KE		GWh 266.07

K-Electric Limited
KE's Sent out Details

DESCRIPTION		Mar-25
2	HEAT RATE AT BUS BAR (Note 1)	
i (a)	<u>Bin Qasim - I - FO -</u>	
	Unit 1	Btu/kWh 10,844
	Unit 2	Btu/kWh 10,653
	Unit 5	Btu/kWh 10,614
	Unit 6	Btu/kWh 10,785
i (b)	<u>Bin Qasim - I - Gas</u>	
	Unit 1	Btu/kWh 11,525
	Unit 2	Btu/kWh 11,277
	Unit 5	Btu/kWh 11,277
	Unit 6	Btu/kWh 11,667
ii (a)	Bin Qasim II - 560 MW with no compressor	Btu/kWh 8,101
ii (b)	Bin Qasim II - 560 MW with one compressor	Btu/kWh 8,238
ii (c)	Bin Qasim II - 560 MW with two compressors	Btu/kWh 8,381
iii	Korangi Town Gas Turbine II	Btu/kWh 9,099
iv	Site Gas Turbine II	Btu/kWh 9,149
v	Korangi CCGP - KCCP	Btu/kWh 8,477
vi	Korangi CCGP - KCCP - HSD	Btu/kWh 8,075
vii	BQPS III	Btu/kWh 6,381
3	FUEL PRICES	
3a	Fuel Price - RLNG (PLL for BQPS III - Unit 1)	Rs./MMBTU 2,945
3b	Fuel Price - RLNG (PLL for BQPS III - Unit 2)	Rs./MMBTU 2,945
3c	Fuel Price - RLNG (PLL for BQPS II)	Rs./MMBTU 2,945

K-Electric Limited
KE's Sent out Details

		DESCRIPTION	Mar-25
4	COST OF FUEL		
4a	Furnace oil		
	Bin Qasim - I		
	Unit 1	Mill Rs.	-
	Unit 2	Mill Rs.	-
	Unit 5	Mill Rs.	-
	Unit 6	Mill Rs.	-
	Total Cost of Furnace Oil - Bin Qasim - I	Mill Rs.	-
4b	Indigenous Gas		
	Bin Qasim - I		
	Unit 1	Mill Rs.	-
	Unit 2	Mill Rs.	-
	Unit 5	Mill Rs.	-
	Unit 6	Mill Rs.	-
	Total Cost of Indigenous Gas - Bin Qasim - I	Mill Rs.	-
	Bin Qasim II - 560 MW with one compressor (SSGC)	Mill Rs.	-
	Bin Qasim II - 560 MW with two compressors (SSGC)	Mill Rs.	-
	Korangi Town Gas Turbine II	Mill Rs.	-
	Site Gas Turbine II	Mill Rs.	-
	Korangi CCPP - KCCP	Mill Rs.	-
	Total Cost of Indigenous Gas - KE	Mill Rs.	-
4c	LNG		
	Bin Qasim - I		
	Unit 1	Mill Rs.	-
	Unit 2	Mill Rs.	-
	Unit 5	Mill Rs.	-
	Unit 6	Mill Rs.	-
	Total Cost of LNG - Bin Qasim - I	Mill Rs.	-
	Bin Qasim II - 560 MW with one compressor (SSGC)	Mill Rs.	-
	Bin Qasim II - 560 MW with two compressors (SSGC)	Mill Rs.	-
	Bin Qasim II - 560 MW with no compressor (PLL - no GT running on SSGC)	Mill Rs.	8.77
	Bin Qasim II - 560 MW with one compressor (PLL - one GT running on SSGC)	Mill Rs.	-
	Bin Qasim II - 560 MW with two compressors (PLL - two GTs running on SSGC)	Mill Rs.	-
	Korangi Town Gas Turbine II	Mill Rs.	-
	Site Gas Turbine II	Mill Rs.	-
	Korangi CCPP - KCCP	Mill Rs.	-
	BQPS III - Unit 1	Mill Rs.	3,514.70
	BQPS III - Unit 2	Mill Rs.	1,478.54
	Total Cost of LNG - KE	Mill Rs.	5,002.01
4d	HSD		
	Korangi CCPP - KCCP	Mill Rs.	-
	Total Cost of HSD - KE	Mill Rs.	-
	Total cost of fuel - KE	Mill Rs.	5,002.01

Note 1: The cost of Fuel is provisionally based on Heat Rate as approved in MYT 17-23 and is subject to adjustment based on parameters approved for tariff for the control period starting from July 1, 2023.

Note 2: The price of RLNG (PLL) for the month of March 2025 is based on OGRA's Notification dated January 13, 2025. Therefore, any adjustment in this regard will be claimed subsequently.

DESCRIPTION		Mar-25
1	UNITS PURCHASED	
a	Mix	
	CPPA	GWh 981.96
	Sub-total - Mix	GWh 981.96
b	Natural Gas - NG	
	International Steel - ISL	GWh 0.87
	SNPC - I	GWh 23.23
	SNPC - II	GWh 23.44
	Sub-total - NG	GWh 47.54
c	RLNG	
	Lucky	GWh 0.26
	Sub-total - RLNG	GWh 0.26
d	Coal	
	FPCL	GWh 20.31
	Sub-total - Coal	GWh 20.31
e	Renewables	
	Oursun	GWh 9.25
	Gharo	GWh 10.83
	Net Metering	GWh 16.84
	Sub-total - Renewables	GWh 36.92
Total Units Purchased - IPPs		GWh 1,086.99

DESCRIPTION		Mar-25
2 COST OF POWER PURCHASE - FUEL		
a	Mix	
	CPPA - Note 1	PKR Mn 9,058.69
	Sub-total - Mix	PKR Mn 9,058.69
b	Natural Gas - NG	
	International Steel - ISL	PKR Mn -
	SNPC - I	PKR Mn 204.75
	SNPC - II	PKR Mn 206.26
	Sub-total - NG	PKR Mn 411.01
c	RLNG	
	Lucky	PKR Mn 8.22
	Sub-total - RLNG	PKR Mn 8.22
d	Coal	
	FPCL	PKR Mn 369.58
	Sub-total - Coal	PKR Mn 369.58
e	Renewables	
	Oursun	PKR Mn -
	Gharo	PKR Mn -
	Net Metering	PKR Mn -
	Sub-total - Renewables	PKR Mn -
Total Fuel Cost - IPPs		PKR Mn 9,847.50

Note 1. CPPA's Fuel Cost for the month of March 2025 is based on CPPA-G's requested rate in the matter of Fuel Charge Adjustment for the month of March 2025 and is subject to actualization based on NEPRA's Decision.

K-ELECTRIC LIMITED
GENERATION STATISTICS

Bin Qasim Power Station 1 (UNIT No.5)

ITEM		UNITS	Mar-2025	Feb-2025
CAPACITY	INSTALLED ¹	MW	210	210
	NET CAPACITY ²		175.90	175.90
SENT OUTS	HFO	kWh	-	20,491
	INDG		-	-
	RLNG		-	-
	PLL		-	73,532
	TOTAL		-	94,022
IMPORTS	STARTUP	kWh	-	57,155
	STANDBY	kWh	334,650	311,717
FUEL CONSUMPTION	INDG	MCF	0.00	0.00
	RLNG	MCF	0.00	0.00
	HFO	M.TON	0.00	9.10
	LDO (Startup)	K. Lit	0.00	0.00
	PLL RLNG	MCF	0.00	3,748.84
SPECIFIC FUEL CONSUMPTION	INDG / RLNG	CFt/kWh	-	-
	PLL	CFt/kWh	-	50.983
	HFO	Kg/kWh	-	0.444
NET HEAT RATE		Btu/kWh	-	46,163
THERMAL NET EFFICIENCY		%	-	7.39
COST OF FUELS	INDG	Rs.	94,194	94,194
	RLNG		-	-
	HFO		-	1,372,268
	LDO (Startup)		-	-
	PLL RLNG		-	11,663,587
	TOTAL		94,194	13,130,049
COST OF FUELS PER UNIT SENT OUT	INDG / RLNG	Rs.	-	-
	PLL		-	158.62
	HFO		-	66.97
	AVERAGE		-	139.65
CONVERSION FACTOR	HFO	lb / kg	2.20462	2.20462
GROSS CALORIFIC VALUE	INDG / RLNG	BTU/CFt	1,007.1	1,012.8
	PLL RLNG	BTU/CFt	-	1,058.4
	HFO	BTU/Lb	18,576	18,576
	LDO	BTU/Lb	19,000	19,000
COST OF IMPORTS ³	STARTUP	Rs.	-	6,293,066
	STANDBY	Rs.	15,061,283	12,350,887
NUMBER OF STARTUPS	VERY HOT		-	-
	HOT		-	-
	WARM		-	-
	COLD		-	-
	AMBIENT COLD		-	1
	OVERHAUL COLD		-	-

Notes:

1. Gross installed capacity at ISO conditions

2. Net Capacity as per License

3. Note: The Cost for the month includes the impact of the Fuel Charges Adjustment (FCA) charged during the month in respect for the month of Dec-24 that are proportioned within Standby and Startup costs based on the units billed in that respective month.

Manager (Performance)

GM (Performance)

SANJIV KUMAR
GM Operations
BQPS 1 (Generation)
K-ELECTRIC LIMITED

Plant Head BQPS-1

LATIFULLAH NIAZI
Plant Head BQPS-1
K-ELECTRIC LIMITED

K-ELECTRIC LIMITED GENERATION STATISTICS

Bin Qasim Power Station I (UNIT No.6)

ITEM		UNITS	Mar-2025	Feb-2025
CAPACITY	INSTALLED ¹	MW	210	210
	NET CAPACITY ²		177.24	177.24
SENT OUTS	HFO	kWh	-	-
	INDG		-	-
	RLNG		-	-
	PLL		-	-
	TOTAL		-	-
IMPORTS	STARTUP	kWh	-	-
	STANDBY	kWh	326,250	297,150
FUEL CONSUMPTION	INDG	MCF	0.00	0.00
	RLNG	MCF	0.00	0.00
	HFO	M.TON	0.00	0.00
	LDO (Startup)	K. Lit	0.00	0.00
	PLL RLNG	MCF	0.00	0.00
SPECIFIC FUEL CONSUMPTION	INDG / RLNG	CFt/kWh	-	-
	PLL	CFt/kWh	-	-
	HFO	kg/kWh	-	-
NET HEAT RATE		Btu/kWh	-	-
THERMAL NET EFFICIENCY		%	-	-
COST OF FUELS	INDG	Rs.	94,194	94,194
	RLNG		-	-
	HFO		-	-
	LDO (Startup)		-	-
	PLL RLNG		-	-
	TOTAL		94,194	94,194
COST OF FUELS PER UNIT SENT OUT	INDG / RLNG	Rs.	-	-
	PLL		-	-
	HFO		-	-
	AVERAGE		-	-
CONVERSION FACTOR	HFO	lb / kg	2.20462	2.20462
GROSS CALORIFIC VALUE	INDG / RLNG	BTU/CFt	1,007.1	1,012.8
	PLL RLNG	BTU/CFt	-	-
	HFO	BTU/Lb	18,576	18,576
	LDO	BTU/Lb	19,000	19,000
COST OF IMPORTS ³	STARTUP	Rs.	-	-
	STANDBY	Rs.	14,643,400	15,157,243
NUMBER OF STARTUPS	VERY HOT		-	-
	HOT		-	-
	WARM		-	-
	COLD		-	-
	AMBIENT COLD		-	-
	OVERHAUL COLD		-	-

Notes:

1. Gross installed capacity at ISO conditions

2. Net Capacity as per License

3. Note: The Cost for the month includes the impact of the Fuel Charges Adjustment (FCA) charged during the month in respect for the month of Dec-24 that are proportioned within Standby and Startup costs based on the units billed in that respective month.

Manager (Performance)

GM (Performance)

K-ELECTRIC LIMITED
GM Operations
BQPS-1 (Generation)
K-ELECTRIC LIMITED

Plant Head, BQPS-1

LATIFULLAH NIAZI
Plant Head BQPS-1
K-ELECTRIC LIMITED

K-ELECTRIC LIMITED
560 MW CCPP, BIN QASIM POWER STATION-II
GENERATION STATISTICS COMPARISON
BIN QASIM POWER STATION-II

ITEM		UNITS	Feb-25	Mar-25
CAPACITY	INSTALLED ¹	MW	573	573
	NET CAPACITY ²		495	495
SENT OUTS	SSGC INDG WITH TWO COMPRESSOR	kWh	-	-
	SSGC RLNG WITH TWO COMPRESSOR		2,178,311	-
	SSGC INDG WITH ONE COMPRESSOR		-	-
	SSGC RLNG WITH ONE COMPRESSOR		12,059,301	-
	PLL RLNG WITH TWO COMPRESSOR		-	-
	PLL RLNG WITH ONE COMPRESSOR		-	-
	PLL RLNG WITHOUT COMPRESSOR		-	387,540
	HSDO		-	-
	TOTAL		14,237,612	387,540
IMPORTS	STARTUP	kWh	13,144	4,180
	STANDBY	kWh	611,468	651,360
FUEL CONSUMPTION	INDG	MCF	-	-
	RLNG	MCF	133,286.36	-
	PLL RLNG	MCF	-	5,255.61
	HSDO	Liters	-	-
SPECIFIC FUEL CONSUMPTION	INDG / RLNG	CFI/kWh	9.36	-
	PLL RLNG	CFI/kWh	-	14.30
	HSDO	Kg/kWh	-	-
NET HEAT RATE		Btu/kWh	9,481	15,120
THERMAL NET EFFICIENCY		%	35.99%	22.57%
COST OF FUELS	INDG	Rs.	71,186	156,990
	RLNG		478,449,277	-
	PLL RLNG		-	16,367,072
	HSDO		-	-
	TOTAL		478,520,463	16,524,062
COST OF FUELS PER UNIT SENT OUT	INDG / RLNG	Rs.	33.61	-
	PLL RLNG		-	44.53
	HSDO		-	-
	AVERAGE		33.61	44.96
CONVERSION FACTOR	HSDO	lb / kg	2.20462	2.20462
GROSS CALORIFIC VALUE	INDG / RLNG	BTU/CFI	1,013	-
	PLL RLNG	BTU/CFI	-	1,057
	HSDO	BTU/Lb	-	-
DENSITY	HSDO	kg/L	-	-
COST OF IMPORTS ³	STARTUP	Rs.	18,151,639	5,324,451
	STANDBY	Rs.	24,626,965	25,776,209
NUMBER OF STARTUPS	HOT		1.0	4.0
	WARM		1.0	-
	COLD		2.0	-

Note:

1. Gross installed capacity at ISO conditions
2. Net Capacity as per License
3. The Cost for the month includes the impact of the Fuel Charges Adjustment (FCA) charged during the month in respect for the month of Dec-24 that are proportioned within Standby and Startup costs based on the units billed in that respective month.

Amir Khan
 AMIR KHAN KHAN
 General Manager
 K-ELECTRIC LIMITED

Sajjad Siddiqui
 SAJJAD SIDDIQUI
 DCM
 K-ELECTRIC LIMITED
 (SUPPLYMANANCE)

Gh. Asim
 GH. ASIM
 General Manager
 K-ELECTRIC LIMITED

Muhammad Zubair Khan
 MUHAMMAD ZUBAIR KHAN
 Plant Head, BQPS-II
 K-ELECTRIC LIMITED

K-ELECTRIC LIMITED
900 MW CCPP, BIN QASIM POWER STATION-III

MONTHLY GENERATION STATISTICS

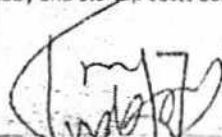
UNIT-1

ITEM		UNITS	Feb-25	Mar-25
CAPACITY	INSTALLED ¹	MW	471	471
	NET CAPACITY ²		450	450
SENT OUTS	RLNG	kWh	104,323,315	187,032,578
	HSDO		-	-
	TOTAL		104,323,315	187,032,578
IMPORTS	STARTUP	kWh	39,655	32,560
	STANDBY	kWh	308,660	34,018
FUEL CONSUMPTION	RLNG	MCF	725,674	1,272,970
	HSDO	Litres	-	-
SPECIFIC FUEL CONSUMPTION	RLNG	CFt/kWh	6.96	6.81
	HSDO	Kg/kWh	-	-
NET HEAT RATE		Btu/kWh	7,363	7,199
THERMAL NET EFFICIENCY		%	46.34%	47.40%
COST OF FUELS	RLNG	Rs.	2,256,814,311	3,965,216,338
	HSDO		-	-
	TOTAL		2,256,814,311	3,965,216,338
COST OF FUELS PER UNIT SENT OUT	RLNG	Rs.	21.6	21.2
	HSDO		-	-
	TOTAL		21.6	21.2
CONVERSION FACTOR	HSDO	lb / kg	2.20462	2.20462
GROSS CALORIFIC VALUE	RLNG	BTU/CFt	1,059	1,058
	HSDO	BTU/Lb	18,573	18,573
DENSITY	HSDO	kg/L	0.8342	0.8342
COST OF IMPORTS	STARTUP	Rs.	7,506,837	1,650,112
	STANDBY	Rs.	12,469,920	(304,275)
NUMBER OF STARTUPS	HOT		3	3
	WARM-I		1	1
	WARM-II		2	-
	COLD		1	-

Note:

1. Gross installed capacity at ISO conditions
2. Net as per License. Based on the heat rate test, Unit-1 Net Capacity will be updated to 450.31 MW after Performance test results are approved by NEPRA
3. The Cost for the month includes the Impact of the Fuel Charges Adjustment (FCA) charged during the month in respect for the month of Dec-24 that are proportioned within Standby and Startup costs based on the units billed in that respective month.


Manager Performance


GM Operations


Plant Head

K-ELECTRIC LIMITED
900 MW CCPP, BIN QASIM POWER STATION-III

MONTHLY GENERATION STATISTICS

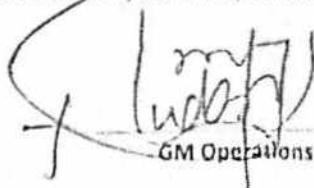
UNIT-2

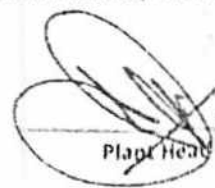
ITEM		UNITS	Feb-25	Mar-25
CAPACITY	INSTALLED ¹	MW	471	471
	NET CAPACITY ²		450	450
SENT OUTS	RLNG	kWh	738,376	78,669,149
	HSDO		-	-
	TOTAL		738,376	78,669,149
IMPORTS	STARTUP	kWh	8,426	129,685
	STANDBY	kWh	450,150	429,765
FUEL CONSUMPTION	RLNG	MCF	9,441	570,765
	HSDO	Litres	-	-
SPECIFIC FUEL CONSUMPTION	RLNG	Cft/kWh	12.79	7.26
	HSDO	Kg/kWh	-	-
NET HEAT RATE		Btu/kWh	13,524	7,676
THERMAL NET EFFICIENCY		%	25.23%	44.45%
COST OF FUELS	RLNG	Rs.	29,336,507	1,778,687,124
	HSDO		-	-
	TOTAL		29,336,507	1,778,687,124
COST OF FUELS PER UNIT SENT OUT	RLNG	Rs.	39.7	22.6
	HSDO		-	-
	TOTAL		39.7	22.6
CONVERSION FACTOR	HSDO	lb / kg	2.20462	2.20462
GROSS CALORIFIC VALUE	RLNG	BTU/Cft	1,058	1,058
	HSDO	BTU/Lb	18,573	18,573
DENSITY	HSDO	kg/L	0.8342	0.8342
COST OF IMPORTS	STARTUP	Rs.	5,155,220	14,960,159
	STANDBY	Rs.	18,604,254	17,063,755
NUMBER OF STARTUPS	HOT		-	15
	WARM-I		-	4
	WARM-II		-	-
	COLD		1	1

Note:

1. Gross installed capacity at ISO conditions
2. Net as per License. Based on the heat rate test, Unit-2 Net Capacity will be updated to 453.67 MW after Performance test results are approved by NEPRA
3. The Cost for the month includes the Impact of the Fuel Charges Adjustment (FCA) charged during the month in respect for the month of Dec-24 that are proportioned within Standby and Startup costs based on the units billed in that respective month.


Manager Performance


GM Operations


Plant Head

K-ELECTRIC LIMITED
107 MW CCPP, KORANGI TOWN GAS ENGINE POWER STATION

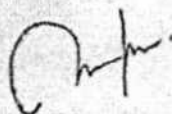
GENERATION STATISTICS COMPARISON

KORANGI TOWN GAS ENGINE POWER STATION

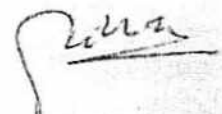
ITEM		UNITS	Mar-2025	Feb-2025
CAPACITY	INSTALLED ¹	MW	107	107
	NET CAPACITY ²		92	92
SENT OUTS	INDG	kWh	-	-
	RLNG		-	-
	TOTAL		-	-
IMPORTS	STARTUP	kWh	-	-
	STANDBY	kWh	93,300	84,760
FUEL CONSUMPTION	INDG	MCF	-	-
	RLNG	MCF	-	-
	TOTAL	MCF	-	-
SPECIFIC FUEL CONSUMPTION	INDG / RLNG	Cft/kWh	-	-
NET HEAT RATE		Btu/kWh	-	-
THERMAL NET EFFICIENCY		%	-	-
COST OF FUELS	INDG	Rs.	94,694	94,694
	RLNG		-	-
	TOTAL		94,694	94,694
COST OF FUELS PER UNIT SENT OUT	INDG / RLNG	Rs.	-	-
	AVERAGE		-	-
GROSS CALORIFIC VALUE	INDG / RLNG	BTU/Cft	923	912
COST OF IMPORTS	STARTUP	Rs.	-	-6379.41
	STANDBY	Rs.	3,859,313	3,563,761
NUMBER OF STARTUPS	HOT	Nos	-	-
	WARM		-	-
	COLD		-	-

Note:

1. Gross installed capacity at ISO conditions
2. Net Capacity as per license
3. The Cost for the month includes the impact of the Fuel Charges Adjustment (FCA) charged during the month in respect for the month of Dec-24 that are proportioned within Standby and Startup costs based on the units billed in that respective month.



S Irfan Azam
D.G. M Performance
C, S & K



Syed Zeeshan Mumtaz
Deputy Director
(Plant Head)
SGTPS & KGTPS

K-ELECTRIC LIMITED
107 MW CCPP, SITE GAS ENGINE POWER STATION

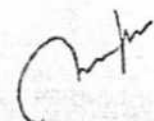
GENERATION STATISTICS COMPARISON

SITE GAS ENGINE POWER STATION

ITEM		UNITS	Mar-2025	Feb-2025
CAPACITY	INSTALLED ¹	MW	107	107
	NET CAPACITY ²		93	93
SENT OUTS	INDG	kWh	-	-
	RLNG		-	-
	TOTAL		-	-
IMPORTS	STARTUP	kWh	-	-
	STANDBY	kWh	112,890	93,140
FUEL CONSUMPTION	INDG	MCF	-	-
	RLNG	MCF	-	-
	TOTAL	MCF	-	-
SPECIFIC FUEL CONSUMPTION	INDG / RLNG	Cft/kWh	-	-
NET HEAT RATE		Btu/kWh	-	-
THERMAL NET EFFICIENCY		%	-	-
COST OF FUELS	INDG	Rs.	63,296	63,296
	RLNG		-	-
	TOTAL		63,296	63,296
COST OF FUELS PER UNIT SENT OUT	INDG / RLNG	Rs.	-	-
	AVERAGE		-	-
GROSS CALORIFIC VALUE	INDG / RLNG	BTU/Cft	1,000	1,016
COST OF IMPORTS	STARTUP	Rs.	-	-
	STANDBY	Rs.	4,651,016	4,030,642
NUMBER OF STARTUPS	HOT	Nos	-	-
	WARM		-	-
	COLD		-	-

Note:

1. Gross installed capacity at ISO conditions
2. Net Capacity as per License
3. The Cost for the month includes the impact of the Fuel Charges Adjustment (FCA) charged during the month in respect for the month of Dec-24 that are proportioned within Standby and Startup costs based on the units billed in that respective month.



S Irfan Azam
D.G. M Performance
C, S & K



Syed Zaeshan Mumtaz
Deputy Director
(Plant Head)
SGTPS & KGTPS

K-ELECTRIC LIMITED
248 MW Korangi Combined Cycle Power Plant

GENERATION STATISTICS COMPARISON

ITEM	UNITS	Feb-2025	Mar-2025
CAPACITY	INSTALLED ¹	248	248
	NET CAPACITY ²	221	221
SENT OUTS	INDG	-	-
	RLNG	-	-
	HSDO	-	-
	TOTAL	-	-
IMPORTS	STARTUP	-	-
	STANDBY	276,000	298,000
FUEL CONSUMPTION	INDG	MCF	-
	RLNG	MCF	2.45
	HSDO	Litres	-
SPECIFIC FUEL CONSUMPTION	INDG / RLNG	CFt/kWh	-
	HSDO	Kg/kWh	-
NET HEAT RATE		Btu/kWh	-
THERMAL NET EFFICIENCY		%	-
COST OF FUELS	INDG	Rs.	123,532
	RLNG	Rs.	8,641
	HSDO	Rs.	-
	TOTAL	Rs.	132,173
COST OF FUELS PER UNIT SENT OUT	INDG / RLNG	Rs./kWh	-
	HSDO	Rs./kWh	-
	AVERAGE	Rs./kWh	-
CONVERSION FACTOR	HSDO	lb / kg	2.20462
GROSS CALORIFIC VALUE	INDG / RLNG	BTU/CFt	995
	HSDO	BTU/Lb	19,671
DENSITY	HSDO	kg/L	0.8337
COST OF IMPORTS ³	STARTUP	Rs.	-17958.43
	STANDBY	Rs.	12,696.332
NUMBER OF STARTUPS	HOT	Nos	-
	WARM	Nos	-
	COLD	Nos	-

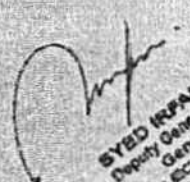
Note:

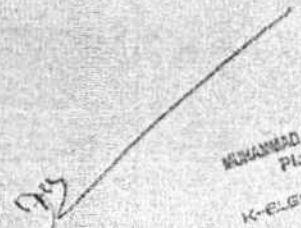
1. Gross installed capacity at ISO conditions

2. Net Capacity as per License

3. KE follows a billing cycle of 26th (of previous month) to 25th (of current month) (i.e. Cycle Day) for Billing of Imports at all its Plants, in line with industry practice. However, to ensure cost of complete month is recorded, accruals are made for the last 5 days of each month and they are actualized next month.

4. The Cost for the month includes the impact of the Fuel Charges Adjustment (FCA) charged during the month in respect for the month of Dec-24 that are proportioned within Standby and Startup costs based on the units billed in that respective month.


SYED IRPAN AZAM
 Deputy General Manager
 Generation
 K-ELECTRIC LIMITED


MUHAMMAD ABDUL KARIM
 Plant Head
 CCPP
 K-ELECTRIC LIMITED

25-07-01

1-012-01

05636474

L123

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ELECTRIC
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April 01, 2025 12:27 AM

HTO-6016

25-0-1701 NT-143
1-012-0-0-0-0
02655474 PNH
L123 H-R-T2 NT

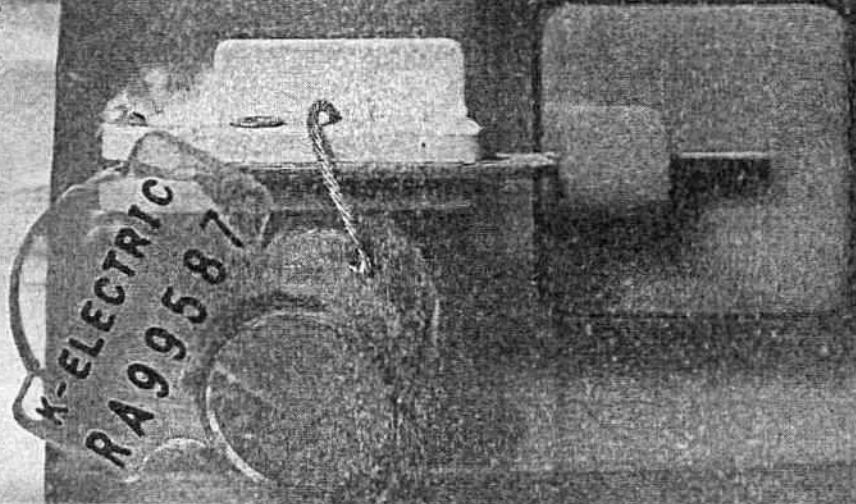
A-ELECTRIC
PA99583

April 01, 2025 12:27 AM

HTO-6016

25-04-07 12:28:09
02255890 MM
L123 A-R T2 M

162713
MENT



3

April 01, 2025 12:28 AM

HTO-6018

00/1

13.5kV/11

KRA

Made in Slovenia

2018

0.000 Imp/kWh

25-04-01 03:01:12
1-0:2.8.0*01
00274440 kWh
L123 R+R-TZ T E

Imp=100.000 Imp/kvarh

0.2S

0.5%

Y CE

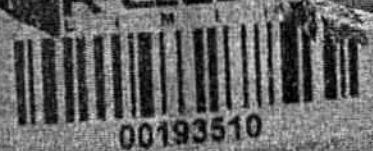
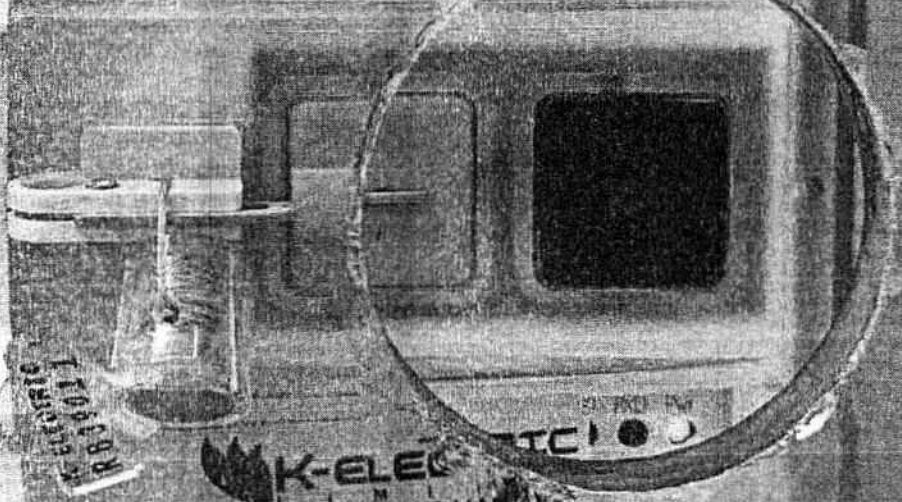
1-M3K03-Z7 3x63,5/110 V 1-0 A
Imp/kWh Ror=20.000 Imp/kvarh No: 035 85
AC/DC Conn.: IS268

0202550

USER DEPARTMENT

& Date:

No.:



HTO-7905

	0.1.0	Symbol	Unit	0.1.1	Symbol	Unit
1.	Active	kWh		Active	kWh	
2.	Active	kWh		Active	kWh	
3.	Reactive	kVarh		Reactive	kVarh	
4.	Reactive	kVarh		Reactive	kVarh	

REGISTER

SKRA

Made in Singapore

2018

100 imp/kWh

25-04-01 00:02:00

100 000 imp/kWh

1-0:2.8.0*01

00278857 MVA

L A R T2 NT VE

0.2S

AC - 3 Ph 4 Wire

Y ES CE

-M3K03-Z7 3x63.5/110 V 1-5 A 50 Hz
p/kWh Rda-20 000 imp/kvarh Pr. No. 035 B64 037
AC/DC Conn: IS27

IC

No.: D202387

R USER DEPARTMENT

re & Date:

er No.:

71000000
K-ELECTRIC

K-ELECTRIC
LIMITED



00193509

HTO-7906

Reactive +
Reactive -

ISKRA

25-04-01 00:10:00
1-012.8.0+255
00271073 NUN
L123 A+R- T2 T E

AC - 0 Ph 3 Wire

CE

ETRIC

TY SLIP No. 0219457

FOR USER DEPARTMENT

Name: _____
Signature & Date: _____
KE No.: _____
Consumer No.: _____
Section: _____
Region: _____

0299788
0219457

HTO-8237

1- MAIN

25-04-01 00:04:00
1-012.8.04255
00275487 MUR
L123 A+R- T2 E

CTRIC

TY SLIP No. 0219534

FOR USER DEPARTMENT

Name: _____

Signature & Date: _____

KE No.: _____

Consumer No. _____

Section: _____

Region: _____

W-ELECTRIC
R855198

HTO-8239

- MAIN

302427

USER DEPARTMENT

& Date: _____

No. _____

HTO-8
CF 8 phase
Indication

HTO-8
CF 8 phase
Indication

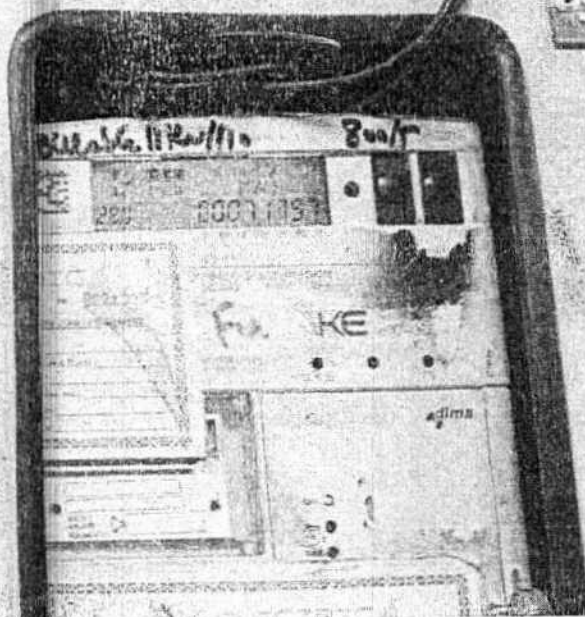
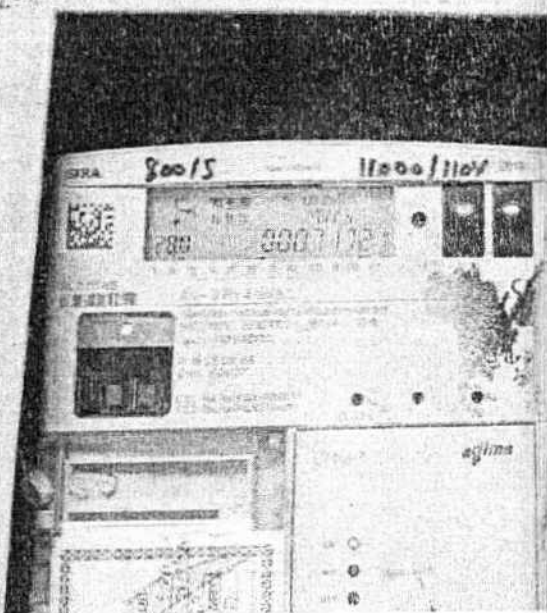
HTO-8
CF 8 phase
Indication

HTO-8
CF 8 phase
Indication

Kota 27



3. 80 Ермунди



• SIER

521
MNN+MVARH
MCTEN FOR
TRAFQ DAY 501

HTO-8030

Changed on 22/10/2022

IC-
No. 0206289
RECEIVED AT (MUN)
HTO 3030
DATE OF ISSUE 12-12-73
BY: [Signature]
OFFICE OF THE CLERK

2025/04/03 14:48:20
1-0:1.8.0x01
08434897 MUM
0123 R+R+ TI 7

CE

1112

SLIP No. D206062

FOR USER DEPARTMENT

31 MUM May 2012

Name: KVA CHID

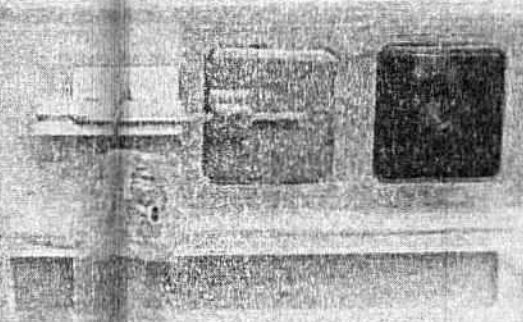
Signature & Date: SC-03-10

SE No. 41505184

Consumer No.

Section: 1112

Region:



58*

41505184

7 The 1

No. C11

Whoever, controls
or uses energy, or
provisions of any

FOR STORE USE

Name

Signature & Date

2025/03
1-0:1.8.
00009903
L123 H+R-

M3K03-27

3x63.0

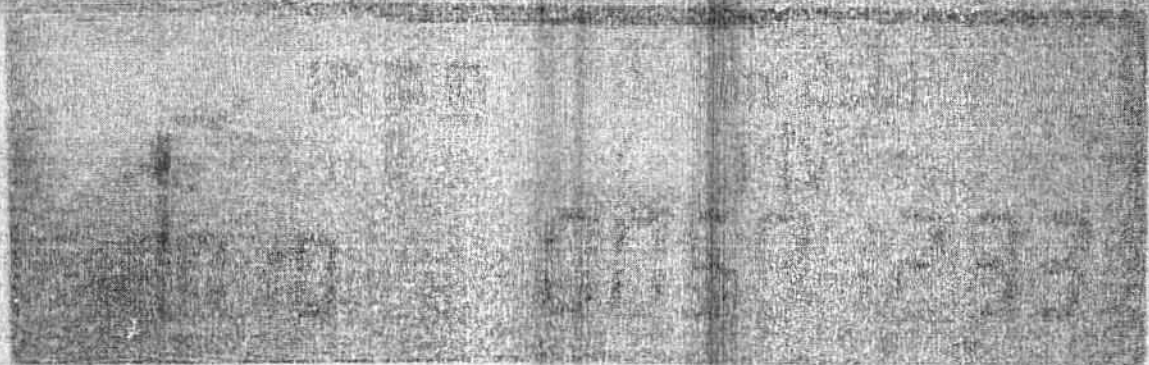
W/KWH

10-20 000

AC/DC

2017
2017
2017

Made in Sweden



11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

AC - 3 Ph 4 Wire

IF50

Type: M7800-71A22R06S03-112450LE1011-M3K0-M-H09

3x0.7/10 V 1101A 50 Hz

UK = 50-230 V AC/50

PLN: 035 014 012

Code: 1500752

Power: 0.00 kW/0.00 kWh

Power: 5.0003 TPA-4201

SI 0125 10 (00) 1000/000



This block contains a large, dark, rectangular area that has been redacted, obscuring all text that might have been present on the page.

[illegible]

1950

11014

50 43

THE UNIVERSITY OF CHICAGO PRESS

Journal of Management Studies, 19(1), 67-80.

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains.

[illegible]

51 095 10 631 100 000

1997

02
R

EXTRA

3025-04/03 14-46:23
1-012.8.0401
00181521 NOV
L123 A+B+T1 T

REC-11

SLIP No. 0206062

FOR USER DEPARTMENT:
Name: KIDA CARD
Signature & Date: 05-03-2003
ENo: 41505184
Consumer No:
Section: 12.2
Region:

FLYSTONE

58#

41505184

The

No. 011

Whoever checks
or uses charge
provisions of

FLYSTONE USE

Name

Signature & Date

DATE: 10/18/65

12-4-2

11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

AC - 3 Ph 4 Wire

P54

Type MTNLT-16230-100-112-V52L81311-M9KO-M-HOS

3X6.5/10 V 100 W 4 50 Hz

UX - 50-220V 50Hz

Dr. H. 100/100/100

Dr. H. 150/150/150

Dr. H. 500/500/500

Dr. H. 500/500/500

Dr. H. 500/500/500

Dr. H. 500/500/500

Made in Slovenia

11 12 13 14 15 16 DRO COM FE RTG TEST SET

AC - 3 PH 4 Wire

IP 54

Type MT880-T1A22R36S33-E12-V52L81B11-M3K0-M-H19

3x69.5/110 V

1(10) A

50 Hz

Ux = 400/230 V AC/DC

PMN 005 011012

Control 370732

RA = 5 100 1000 W

RA = 5 100 1000 W

CA 100 100 1000 W

MITE S

A dark, textured rectangular object, possibly a book cover or folder, with a white circular mark on the left side. The surface has a grainy, mottled appearance. A vertical crease or fold is visible near the right edge.

AC - 3 PH 4 Wire
Type M1880-11422R36S35-E12-V52L81B11-M3K0-M-H13
2400.5-110-V 1(10)A 50 Hz
EX-10131140/30
PC-N-15011212
Cable - 250' 12
R-5 100 100/2W
R-5 100 100/2W
ON 12/25 10 100 100/2W
M11E-8

UP No. 0206061
FOR USER DEPARTMENT
KOA G872
Signature & Date: AC-03-2-30
No. 41504900
Region:



SV#
41504900

The K
No. 0118
WAT
Whoever responds
or uses energy, etc.
provisions of Article
For STORE-USA
Name
Signature & Date

MADE IN GERMANY

11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

AC - 3 Ph 4 Wire

Type MT850-T1422F36S-3-E12-V32LS1B11-M36D-M-H09

20000/110 V 1100 A 50 Hz

11-60-230 V AC/DC

Part No. 035 014 012

Code No. 1526792

Part No. 035 014 012

Code No. 1526792

0.25 10.000 100.000

M.I.T.E. 2

MADE IN SLOVENIA

T1 T2 T3 T4 T5 T6 DRD COM FE RTC TEST SET

AC - 3 Ph 4 Wire

Type MT880-T1A22R36S33-E12-V52L81B14-M3K5-1A-

3x63,5/110 V

3(10) A

50 Hz

Ux = 50-230 V AC/DC

Pr. Nr. 035 014 012

Conn. IS26792

Ros = 5 000 Imp/kWh

Rom = 5 000 Imp/kvarh

01 0,25 10 000 mV

Made in Slovenia

T1 T2 T3 T4 T5 T6 DRO COM FF RTC TEST SET

AC - 3 Ph 4 Wire

Type MTB80-T1A22R06S83-E12-V52L81B11-M3K0-V-

5X033/110 V

10(10) A

50 Hz

CA - 50-230 V AC/DC

W 11 005 014 012

00001320792

PA - 0.000 Imp/Var

CA - 0.000 Imp/Var

CI 0,2S 10 000 Imp/Var

ELECTRIC
 TER SECURITY SLIP No. 0240070
 FOR USER DEPARTMENT
 Name: *Fenel N.A.*
 Signature & Date: *15-11-22*
 NK No.
 Consumer No.
 Section
 Region

T-1

J2

2025/04/03 10:18:10
 1-0:2.8.0*01
 28920698 MWB
 LIT A-R-1111

T-1
 No. 0206059
 FOR USER DEPARTMENT
 NKA Grid sock
 re & Date: 05-03-2020
 41505193
 De No. official 1000
 Since *B*

NK-3-3

MILITARY
 REGISTER
 READING WITH *C*

T-1

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 No. 0240068
 FOR USER DEPARTMENT
 NK Grid
 re & Date: 15-11-2022
 41505193
 De No.

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CF001419 MMH
A-R- JI NI

CE

CC-TH1
No. 0206059
USER DEPARTMENT
Grid sock
& Date 05-03-200
4505173
No. 3 2/2000 1/24
Name B

MK-300



CC-TH1
No. 0240068
USER DEPARTMENT
Grid sock
& Date 15-11-2002
4505173
No.

K-2

024075 METER SECURITY

Whichever authority, authority, authority,
at least one of the following:
1. Authority of the meter
2. Authority of the meter

SIGNATURES

Name: _____
Signature & Date: _____

EXTRA

2025/04/03 10:18:43
1-0:1.8.0*01
00001244 MWh
L123 R-P- T1 T

CE

IC T-2

No.: 0206060

FOR USER DEPARTMENT

NEI Grid Supply

ure & Date: 05-03-2020

L150492.3

tar No: Optical R&C

07-2013

No. 0240

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of the
provisions

FOR STORE

Name: _____
Signature: _____

RENTAL

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11-2022

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METER SECURE
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No: D206060
FOR USER DEPARTMENT
Wkt (ind. Repkt)
Date: 05-03-2020
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Ling No. 01046723

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Handwritten: 12
169
1122

US-5024-9 AGA

K-Electric Limited
KE Own Sentouts - Mar 2025

Power Plant	Bus Bar Sent outs	Imports Billed	Total Sent outs	Sent outs in MGS & FCA
	Mar-25			
	MWh			
	A	B	C = A + B	
BQPS I				
Unit 1	-	-	-	-
Unit 2	-	-	-	-
Unit 5	(338)	335	(3)	-
Unit 6	(323)	326	3	-
Total - BQPS I			(0)	
BQPS II	(318)	686	368	368
BQPS III				
Unit 1	186,966	67	187,033	187,033
Unit 2	78,110	559	78,669	78,669
Total - BQPS III			265,702	265,702
KCCP	(298)	298	-	-
KGTPS	(93)	93	-	-
SGTPS	(113)	113	-	-
Total			266,069	266,069

Energy Meter

ISKRA

2023.04.01 00:01:50
1-011.8.01
002938.07 kWh
L 0 0 12 E

CE



MICW2-L81

0.0 kWh
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0.0 kWh

READER
READING WITH

SECTION-01

E07

TRAFIDIFFER
PROTECTION

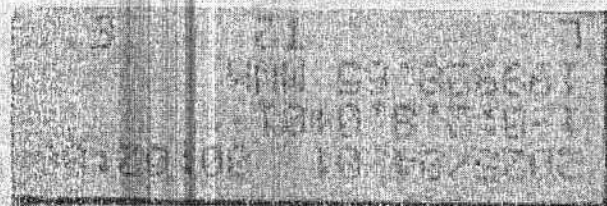
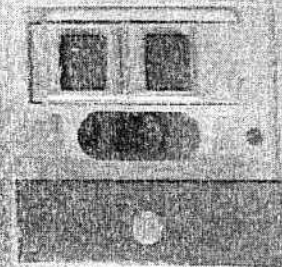
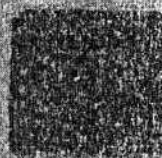
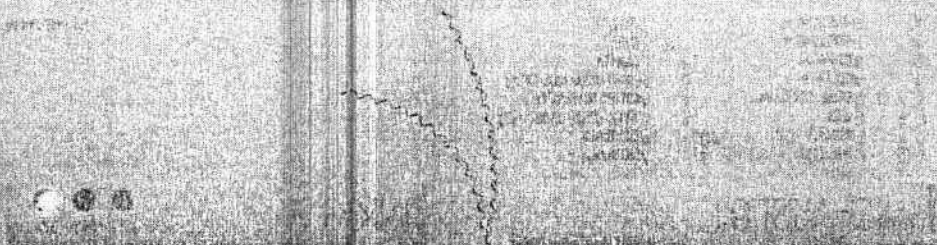
CS CLOSING AL

BREAKER FAILURE
H TRIP

TRAFIDIFFER
ALARM

SECTION-01

E07



SRM

RESET

UNIT HEALTHY

TS-101-220
E-LABS

SR NO

M-2

DC SUPPLY LOW

RESET

UNIT HEALTHY

SR NO

SKRA

2025-04-01 00:01:06
1-0:1.8.0*01
003158.39 MWb
L123 A+R+ T2 E

CE

Time M18800-A22R00000-E124

MIO-V22L61

10-50-70

0.0	Lower 10s	0	Adjustment +
0.1	Parity 10s	1	Adjustment -
0.2	Error	2	Count, max, timer
0.3	Reset counter	3	Actual average
0.4	Active +	4	Proportion 0.01
0.5	Active -	5	Energy
0.6	Resective +	6	Total
0.7	Resective -	7	Unit 1

MULTIPLY REGISTER READING WITH C=

413

DC A

GAS COMPARTMENT SFG
PRESSURE RISING

CONTROL PANEL VFA
TRIP

SECTION-02

E10

SR NO
45318

E-LABS

M-2

RESET

INT HEALTHY

SR NO

TS-101-220
E-LABS

PH

SKRA

Mount Control

PH
CC Application

2025-04-01 00:01:44
1-0:2.8.0+01
146262.09 MWB
1123 0+R+ T2

AC-3 PH 4 WTB

Type: MTRPS-ACRPS-6-E-124-1-16-0-0-7

No: 72440-00

Rev: 2.0.1

Rev: 2.0.1

UJ-50-04-0-0-0-0

UJ-50-04-0-0-0-0

CC

Rev: 2.0.1

Rev: 2.0.1

MIO-V22L61

- | | | | |
|-----|-------------|----|----------------|
| 0.0 | Use: ID6 | 0 | Active - |
| 0.1 | Factory ID6 | 10 | Admitt |
| 0.2 | ESIT | 12 | Dis. tr. 1st L |
| 0.3 | Case: 0001W | 2 | Active - |
| 0.4 | Active - | 6 | Max. 0.01W |
| 0.5 | Active - | 8 | ESIT |
| 0.6 | Active - | 9 | ESIT |
| 0.7 | Active - | 10 | ESIT |
| 0.8 | Active - | 11 | ESIT |
| 0.9 | Active - | 12 | ESIT |

MULTIPLY
REGISTER
READING WITH

C=

SECTION-02

E10

DATA OPERATOR ALCOHOLISM	DATA OPERATOR ALCOHOLISM	DATA OPERATOR ALCOHOLISM
DATA OPERATOR ALCOHOLISM	DATA OPERATOR ALCOHOLISM	DATA OPERATOR ALCOHOLISM
DATA OPERATOR ALCOHOLISM	DATA OPERATOR ALCOHOLISM	DATA OPERATOR ALCOHOLISM
DATA OPERATOR ALCOHOLISM	DATA OPERATOR ALCOHOLISM	DATA OPERATOR ALCOHOLISM

DATA OPERATOR ALCOHOLISM	DATA OPERATOR ALCOHOLISM	DATA OPERATOR ALCOHOLISM
DATA OPERATOR ALCOHOLISM	DATA OPERATOR ALCOHOLISM	DATA OPERATOR ALCOHOLISM
DATA OPERATOR ALCOHOLISM	DATA OPERATOR ALCOHOLISM	DATA OPERATOR ALCOHOLISM
DATA OPERATOR ALCOHOLISM	DATA OPERATOR ALCOHOLISM	DATA OPERATOR ALCOHOLISM

UNIT HEALTHY

TS-101-220

E-LABS

SR NO

481113

UNIT HEALTHY

SR NO

481113

SKRA

EW35-04-01 20:32:29

1-312.5.8-01

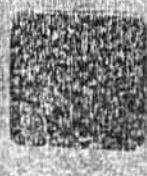
3:01:53.78 Min

L-2000 T2

ALL-4-01-01

CE

SLIDE UNIT



MIC-12161

UNIT NO. 1
SERIAL NO. 10
END
MODEL NO. 1
APPROX. 1
1/2 IN.
SERIES 1
REMARKS

FLAME -
10000
10000
10000
10000
10000
10000
10000
10000

MULTI
REGISTER
READING

C=

SECTION-03

E08

TRAF DIFFERENTIAL
PROTECTION TRIP

CB CLOSING BLOCKED

BREAKER FAILURE STAG
NTRIP

TRAFO BUCHHOLZ RELAY
ALARM

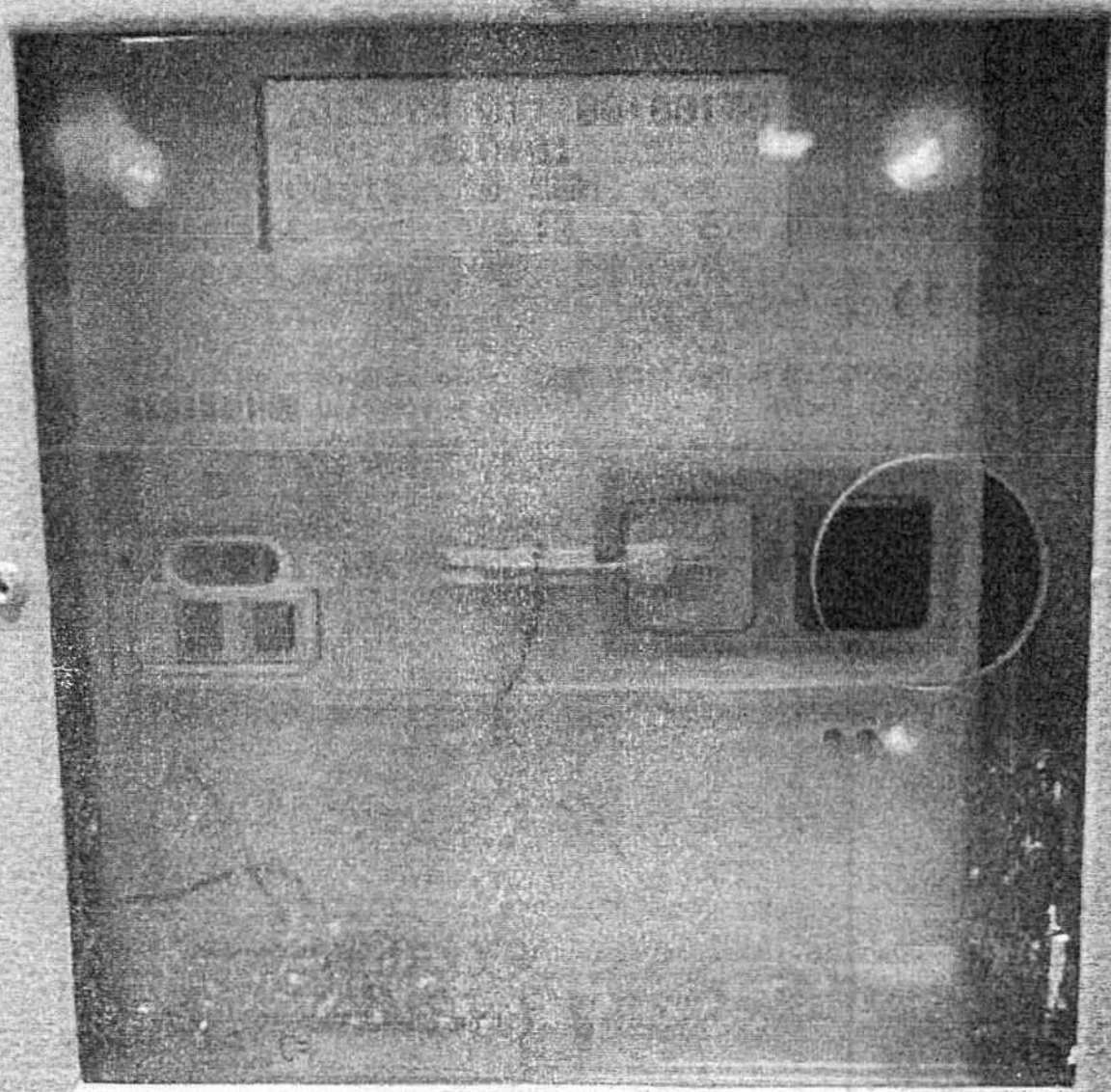
GAS COMPARTMENT SE6
PRESSURE RISING

CONTROL PANEL VT MCS
TRIP

E12

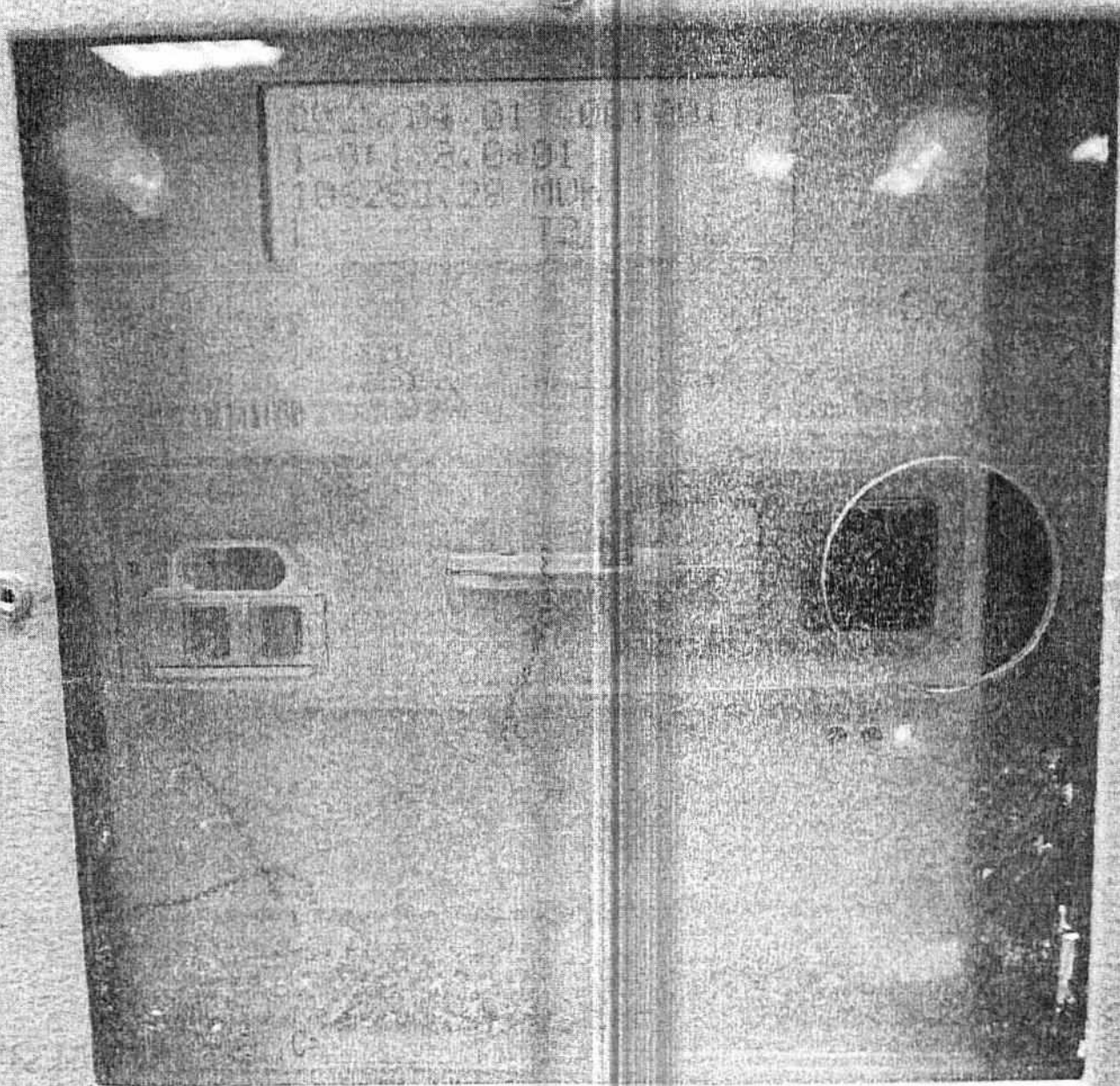
19 JAN 54 10 40 AM

ENERGY
METER



STEAM TURBINE

(E04)



STEAM TURBINE

(E04)

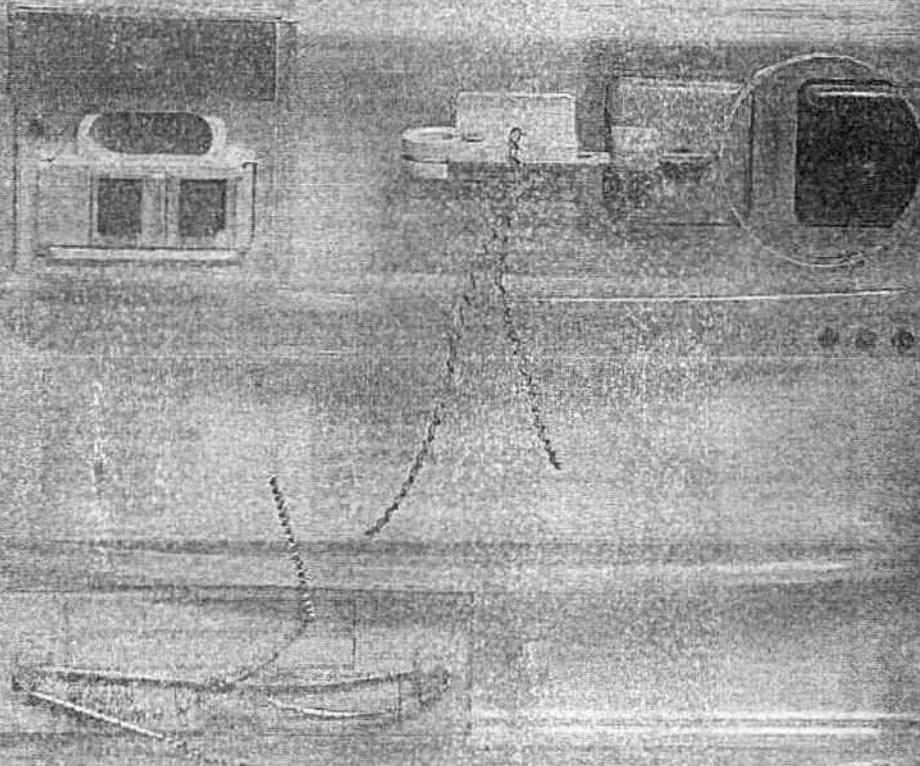
P11 ENERGY METER

BTR#01 Import

1

2025/04/01 00:00:28
1-012.8.0+255
000193.50 kWh
L A P 12 1 2

Model: P11-012.8.0+255
Base: 0.001 kWh/kWh
Range: 0.001 to 999.999 kWh
Accuracy: $\pm 0.5\%$
Resolution: 0.001 kWh
Power: 240 V 40/50 A
Frequency: 50/60 Hz

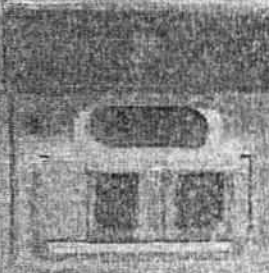


ENERGY
METER

BTR#01 Sent Out

1

INSTRUMENTS
LABORATORY
1000 P. S. 1000



P11

ENERGY
METER

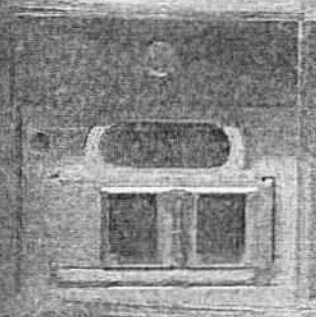
BTR#02 Import

2

2023-04-11 08:00:05
1-012.810155
002866.76 kWh
L123 A-R-12 T E



002866.76 kWh
L123 A-R-12 T E



P11

ENERGY
METER

BTR#02 Sent Out

2

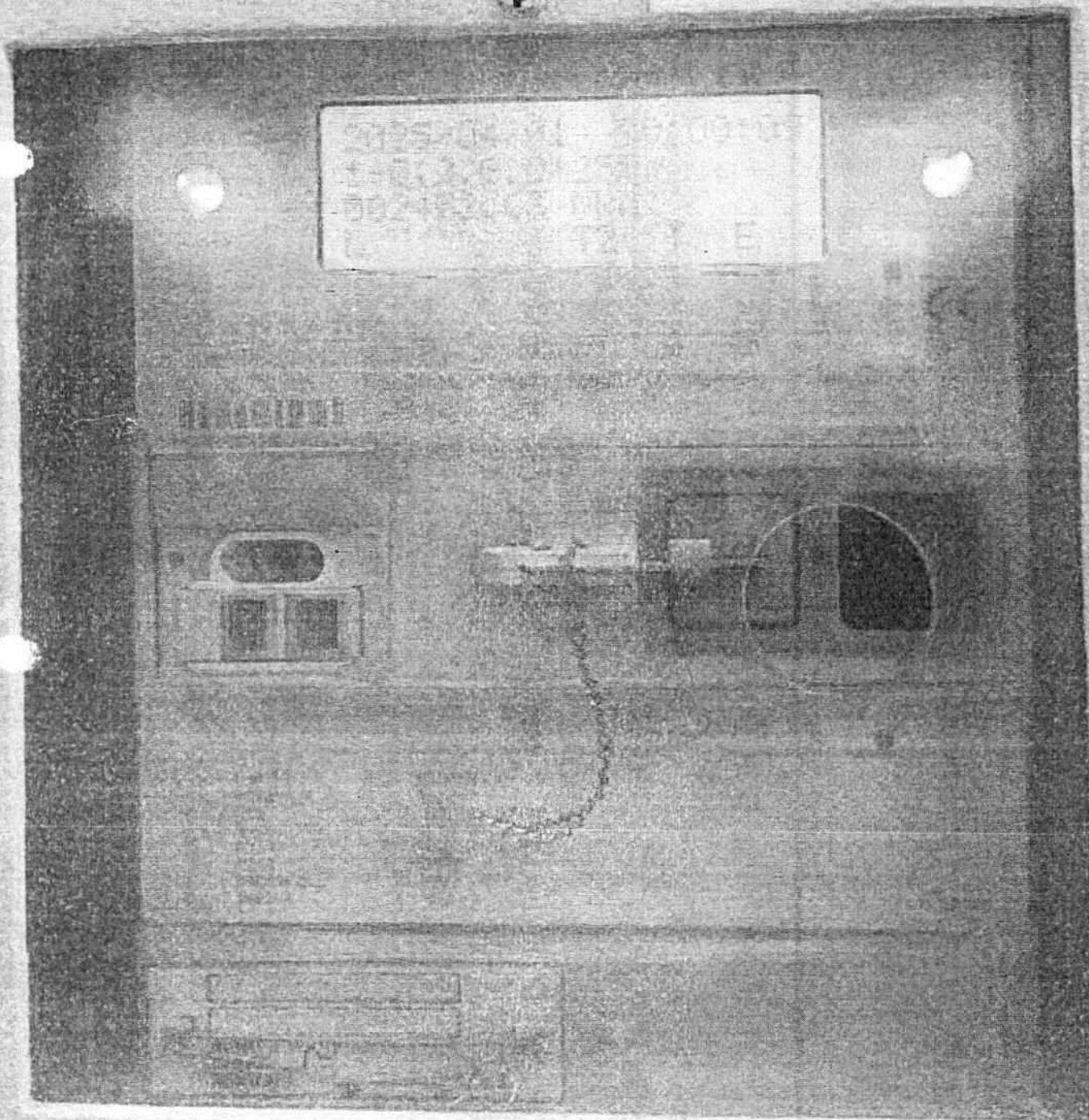
RECEIVED
FEB 11 8 1975
L123 N 12 E

RECEIVED



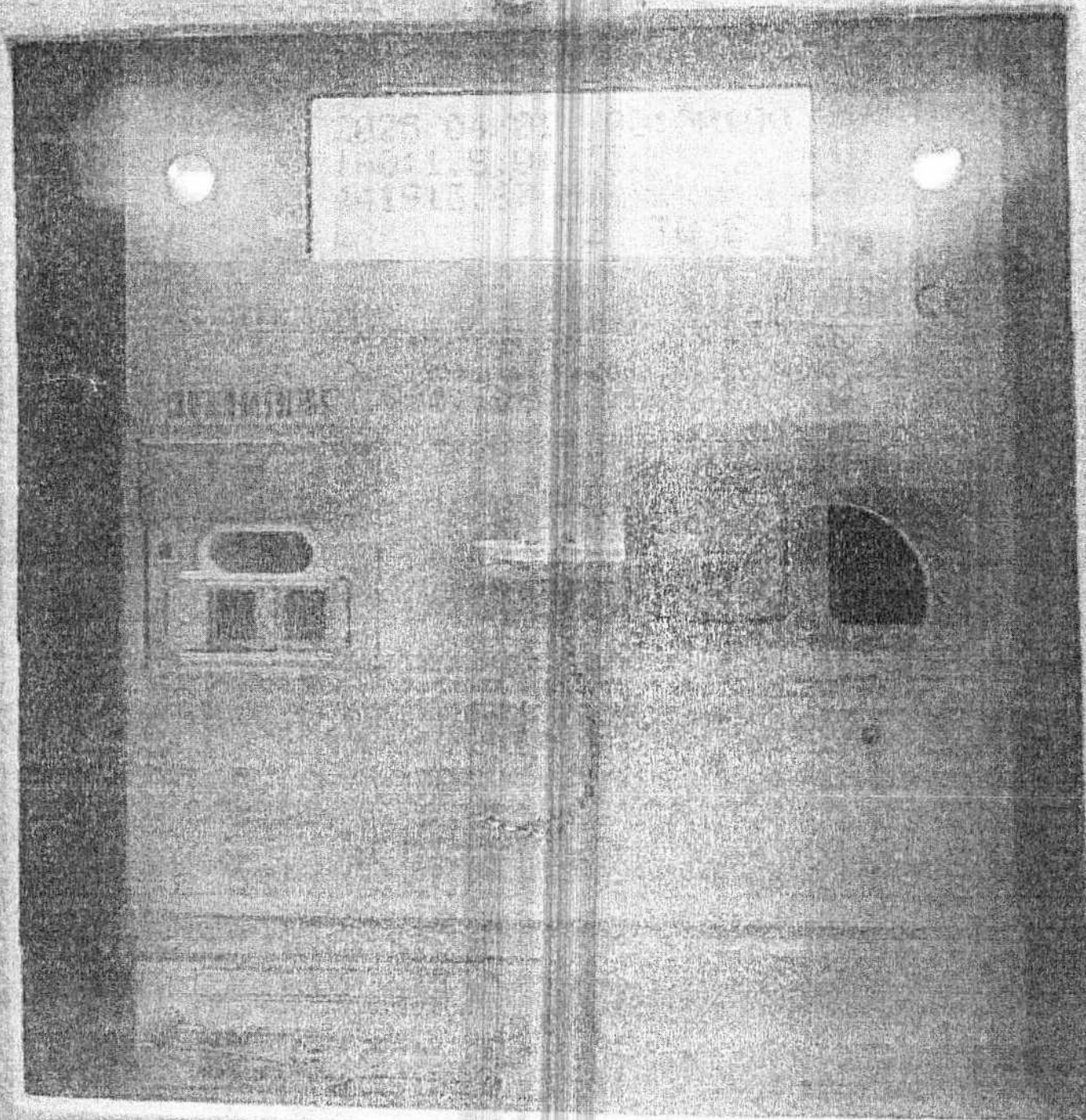
ENERGY METER

BTR # 03 Import 3



ENERGY METER

BTR # 03 Sent Out3



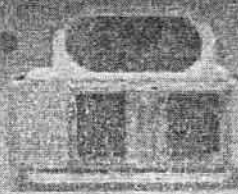
ENERGY
METER

BTR # 04 Import

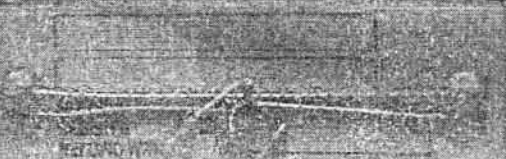
4

2025-08-01 00:00:00
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0025-08-01 00:00:00
L 1-01 0.00

ENERGY METER



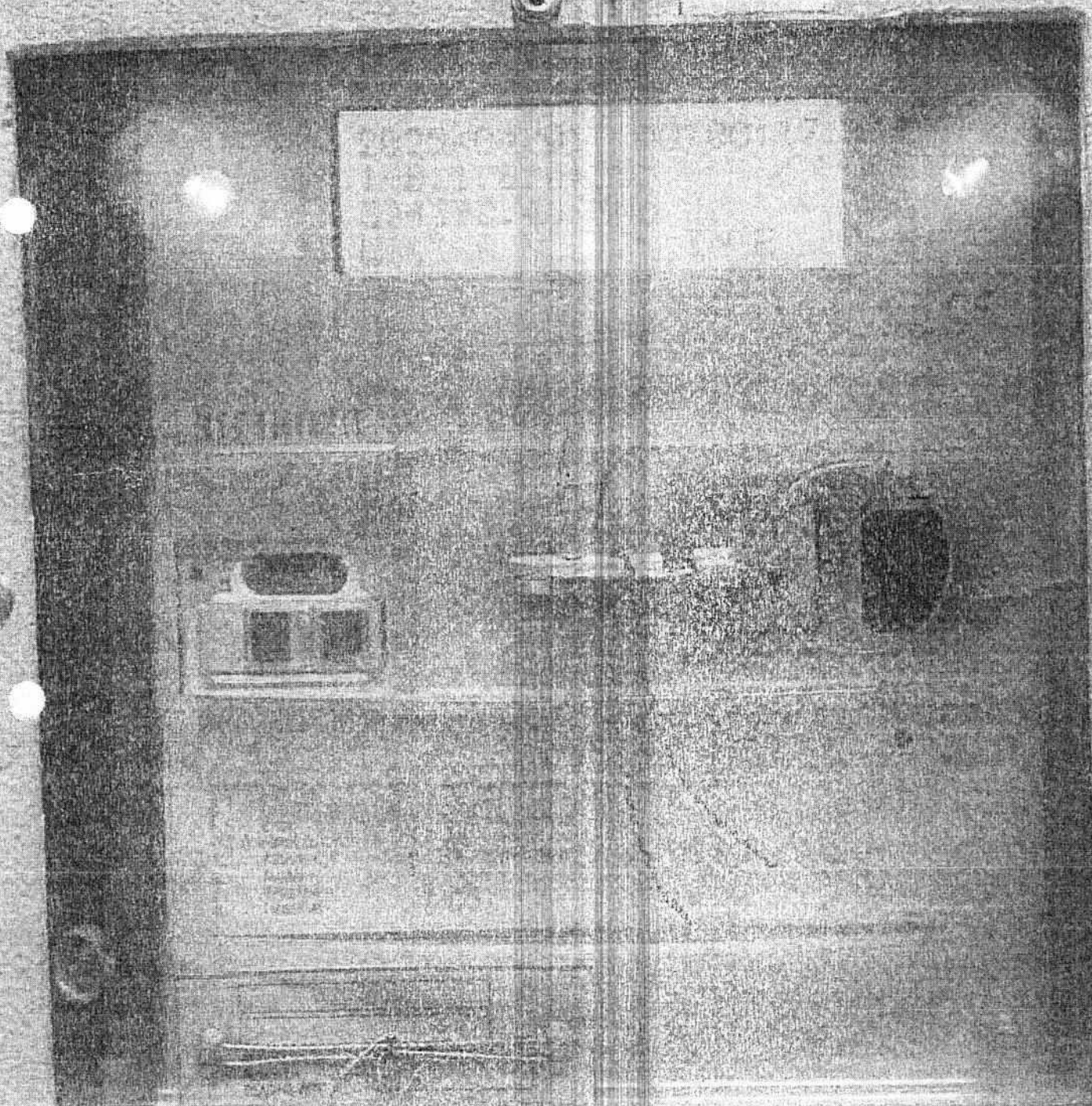
ENERGY METER
1-01 0.00
0025-08-01 00:00:00
L 1-01 0.00



P11

ENERGY
METER

BTR # 04 Sent Out4

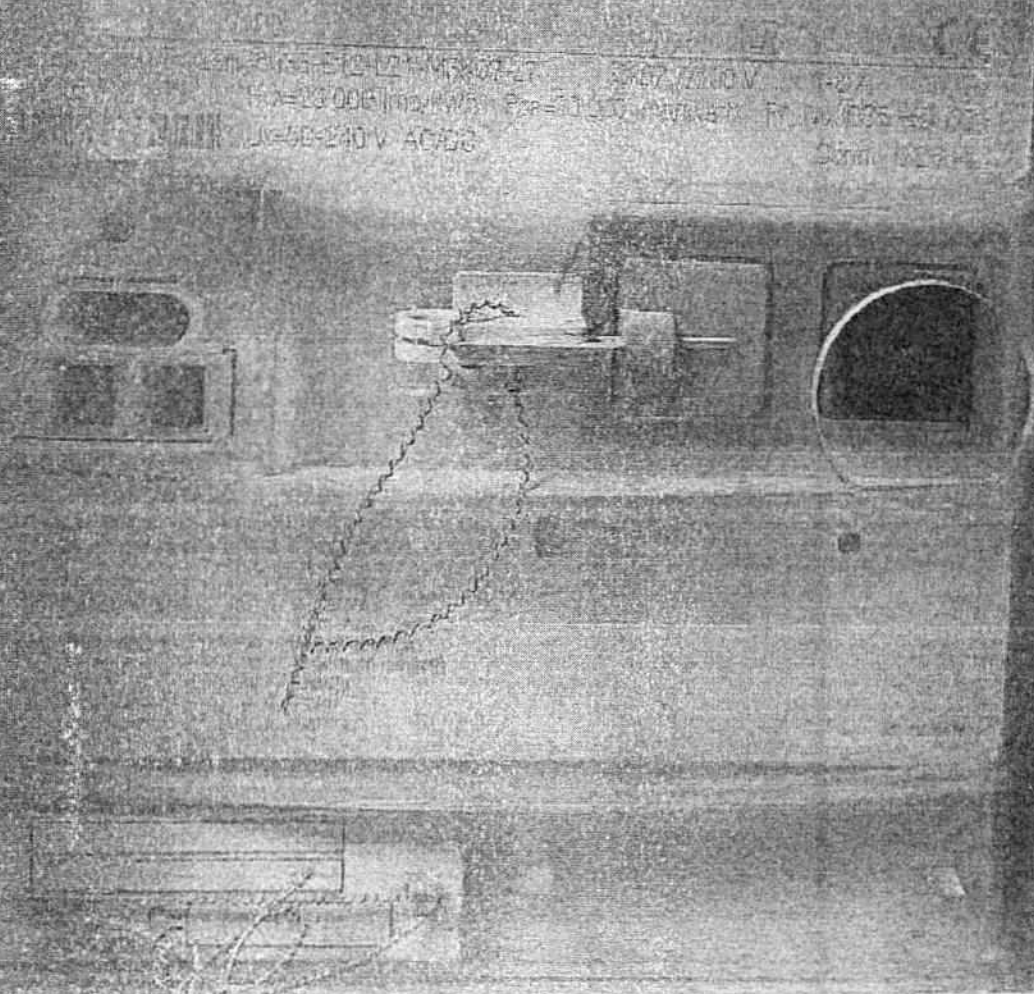


P11 ENERGY METER

BTR#05 Import

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002942.74-1001
L A R T 2 T E



P11

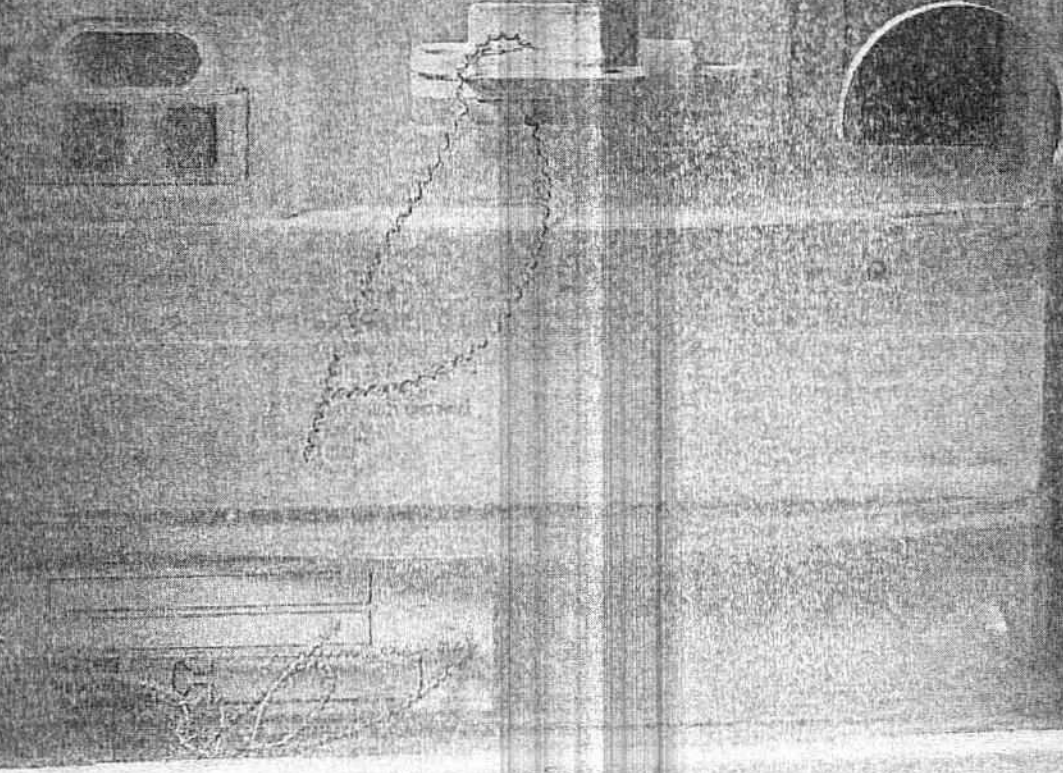
ENERGY
METER

BTR#05 Sent Out

5

2025-01-21 08:01:00
1-88 1.2 25
278196.55 kWh
L A R 12 T E

2025-01-21 08:01:00
1-88 1.2 25
278196.55 kWh
L A R 12 T E



2510

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4-70 103 112524

01234

0.54

CE

No.: 0268739

IR USER DEPARTMENT

Ex Date

er No. 1.

M3K08-Z - 3.635" 110 V 1.6 A 50 Hz
ACMh For-PS 070 Imp. Switch Pt. No: 035 864 040
C/100 Conn: IS25042

1992

MULTIPLE
REGISTER
READING

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2519

6-100-500 (mg/kg)

9-100 000 kg/yr/area

21.2.25

5,5%

□ 4 4 (E)

2K08-27 3x63.5/110 V 1-6 A 60 Hz

Ref=23.000 Imp/Anrth Pr No. 035 864 040

DOM 15994

IP 0268741

FOR USER DEPARTMENT

100

Signature & Date: _____

10. 11. 1954

Timer No.:

000

60

AK 22

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12342451

2041

705

2019

2020-04-01 00:00:20
2-001-00-00
0000000000000000
L123 T2 E

100 000 InCh/kWh



0.5%



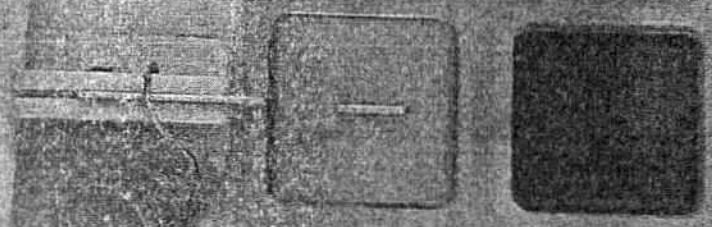
21-13500-27 2x53,5/110V 1-6 A 50 Hz
Power kW/kVA Base 20 GCO ktp/kvarh Pr. No: 035 864 040
Auto Conn. IS25542

No. 02687

USER DEPARTMENT

& Date:

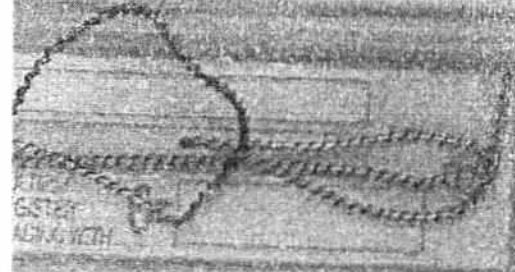
No.:



8021697
R-ELECTRIC



1. Name
2. Address
3. Phone
4. Email
5. Other



8048

D07

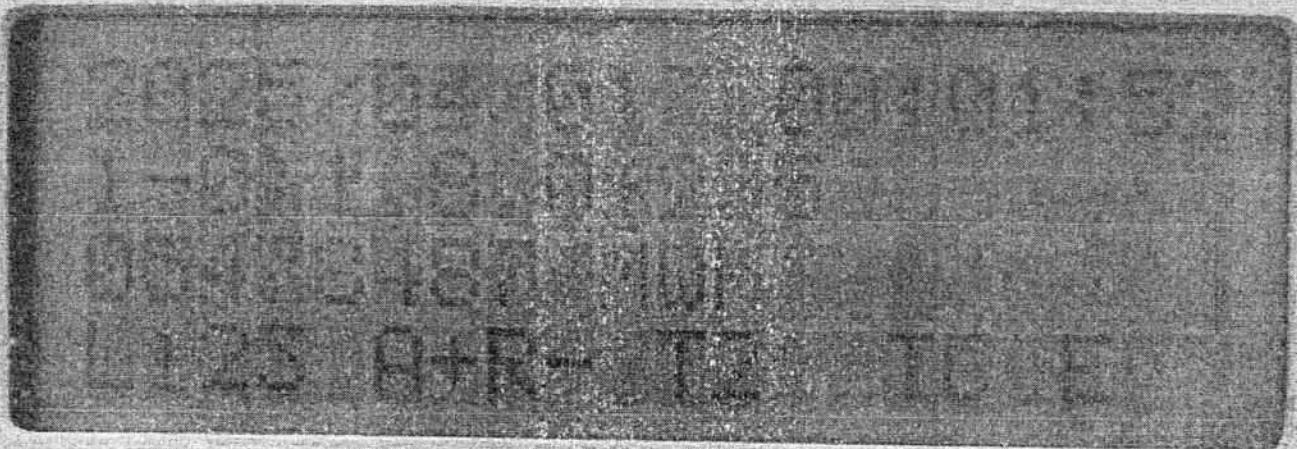
514 1000
9 E TZ

STG-1 Net 220 KV
(1.8.0) (3.8.0)

REGISTER

220k
D-22 G5UT-1

Made in Slovenia



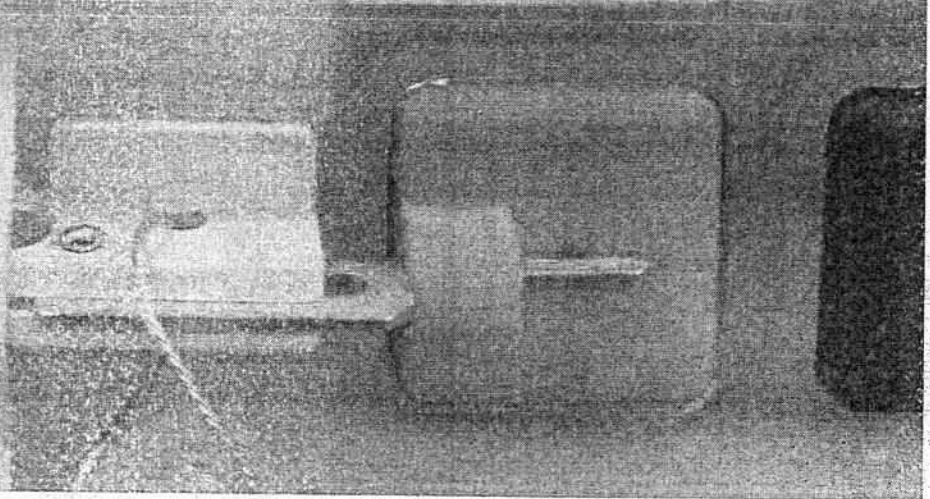
4 Wire

13KCS 1/2" x 5/8" x 1/2" V

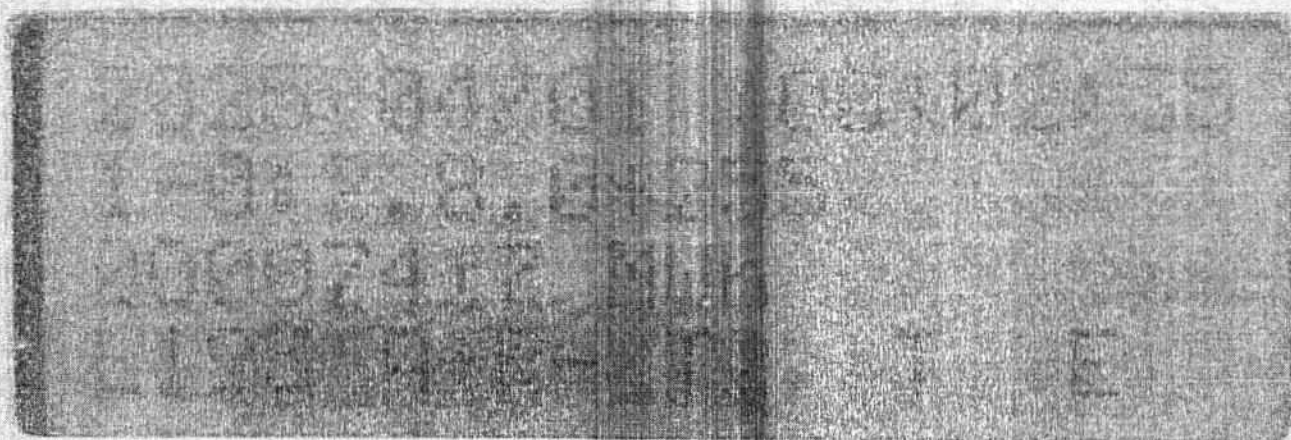
1/2" x 1/2" x 1/2" x 1/2" x 1/2" x 1/2"

49590

DEPARTMENT



D-22 G3UT-1



49590

DEPARTMENT

12

D 14 L SUT 2

1-11-1 04037353 1400
E 1230-11-11 T E

3 Ph 4 Wire

635-F12-1 21-M3K03-Z7 3x63,5/110 V 1-6 A 50

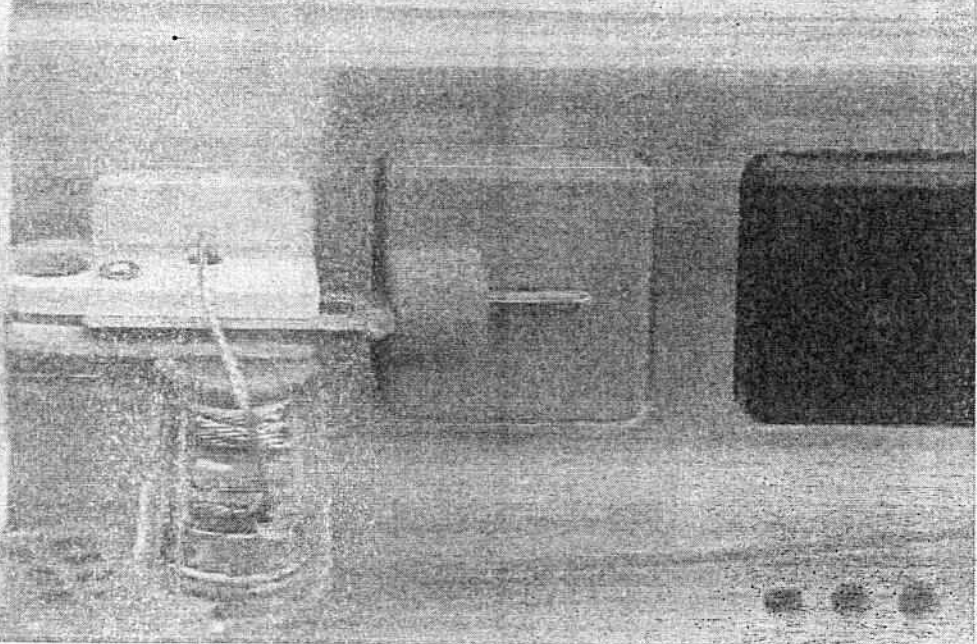
p/kWh Ror=20 000 imp/kvartl Pr. No: 035 864 0

45,00 Conn: 15206

0249598

DEPARTMENT

e. _____

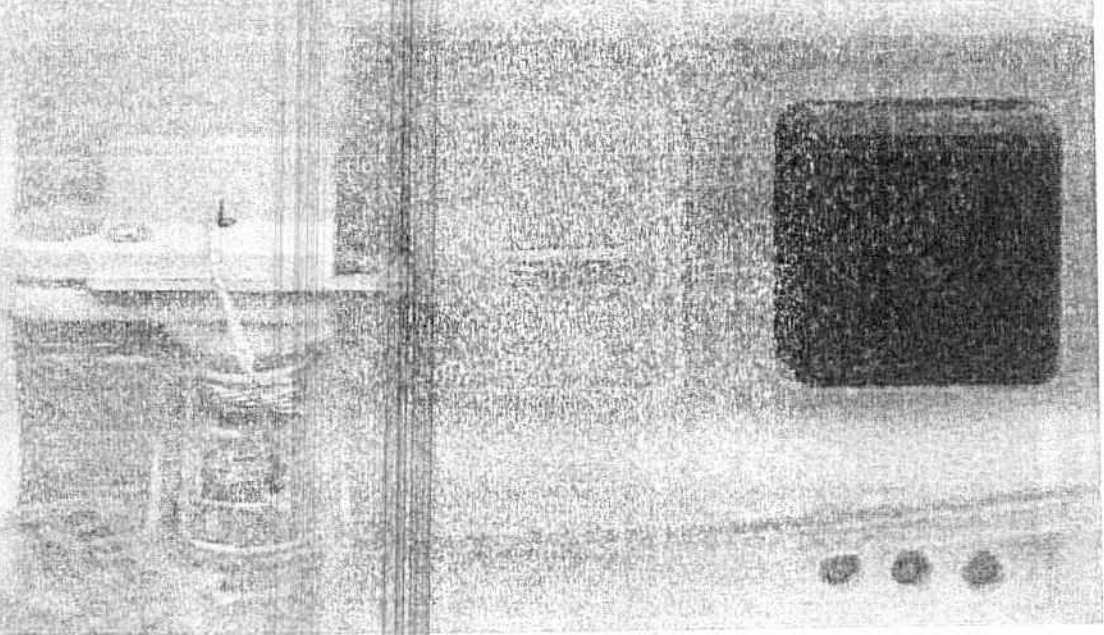


D 14 60 6072



IN/WH R01-21-M3K03-27 543/5117 14.5 01/2
IN/WH R01-20-010-10-0015 14.5 01/2
IN/WH R01-20-010-10-0015 14.5 01/2

9598
RTMENT.



1

22.4KV

D-17 SST-4

2025/04/01 00:03:13
1-0:1.8.0*01
0009793.4 MW
L123 A R+ T2 TC E

Ph 4 wire

Y

20330-E12-L21-M3K03-Z7

3x63.5/110 V

0.000 Wp/kWh

Ron=20.000 Imp/kvarh

Pr. No. 035

C/DC

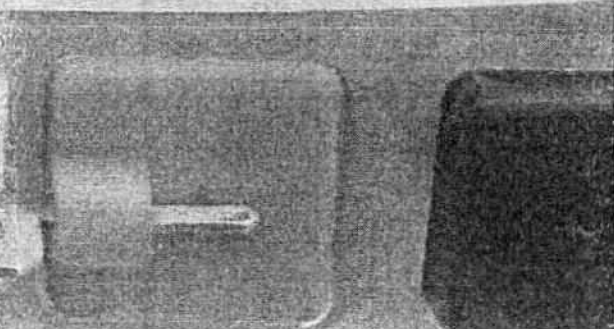
Conn. 4

0249596

ER DEPARTMENT

Date:

K-ELECTRIC
R855693



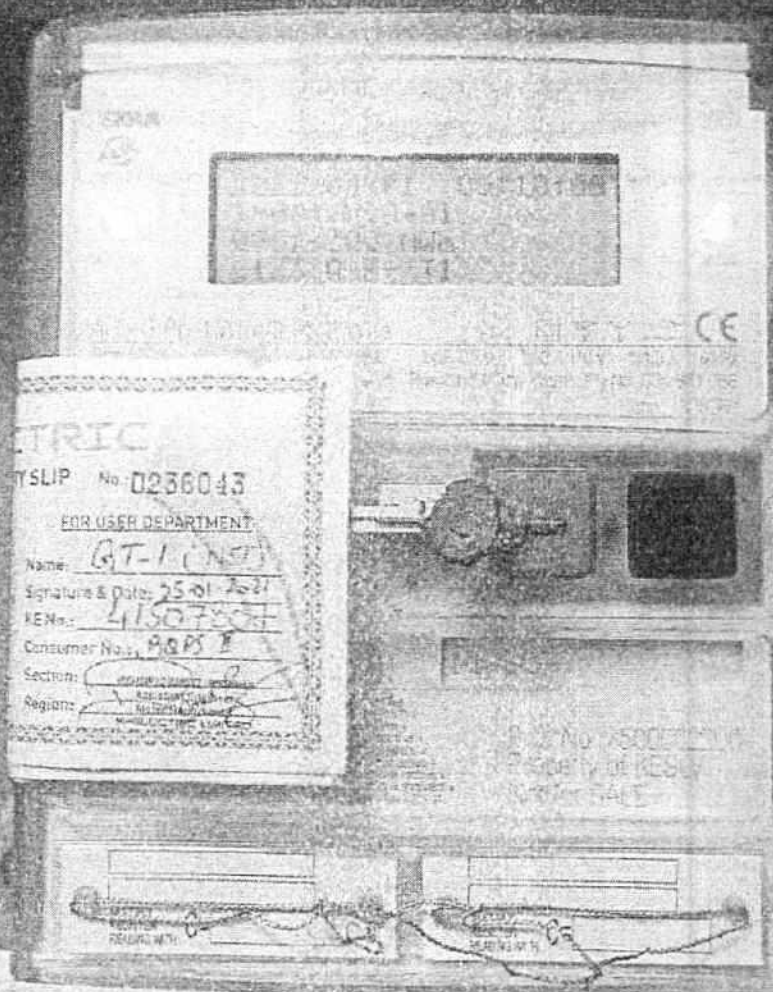
D-17 SST-4

2025/04/01 08:04:53
E-0:2.8.0+255
0005498.4 MIN
L123 A R+ T2 T E

249596
DEPARTMENT

ELECTRIC
55693

X01



Plant Heat Rate Test, 560 MW CAPP-BQPS-II
2nd & 3rd June 2018
GT-1 ENERGY METER (NET) AT HV SIDE OF
UNIT TRANSFORMER
Meter No: 41507807
(Active Energy MWh)

101

SLIP. No. 0236043

FOR USE IN DISPATCH

Name: GT-1
Signature & Date: [Signature]
AS No: 41507807
Distribution No: 6013

Region: [Signature]

Remarks: [Signature]

Plant Heat Rate Test, 560 MW ICPP-BQP5-II

2nd & 3rd June 2015

GT-1 ENERGY METER (NET) AT HV SIDE OF
UNIT TRANSFORMER

Meter No: 41507807

(Active Energy MWh)

X01

TYSLIP No: 0238044

CHARGE/DEBITMENT

Revised: 6/7/2018

Signature: [Signature]

RE No: 41507793

Consumer No: BQPS-II

Section: [Blank]

Region: [Blank]

[Blank]

[Blank]

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[Blank]

[Blank]

[Blank]

Plant Heat Rate Test, 560 MW CCFP-BQPS-II

2nd & 7th June 2018

GT-2 ENERGY METER (NET) AT HV SIDE OF

UNIT TRANSFORMER

Meter No: 41507793

(Active Energy MWh)

X00

2025/04/01 00:00:00
1-011-2-040
000-010 MWh
1122 71

TRIC

TYSLIP No. 0236044

FOR USER DEPARTMENT

Name: GT-2 (MS)

Signature & Date: [Signature] 2015/04/01

Metric: 41307793

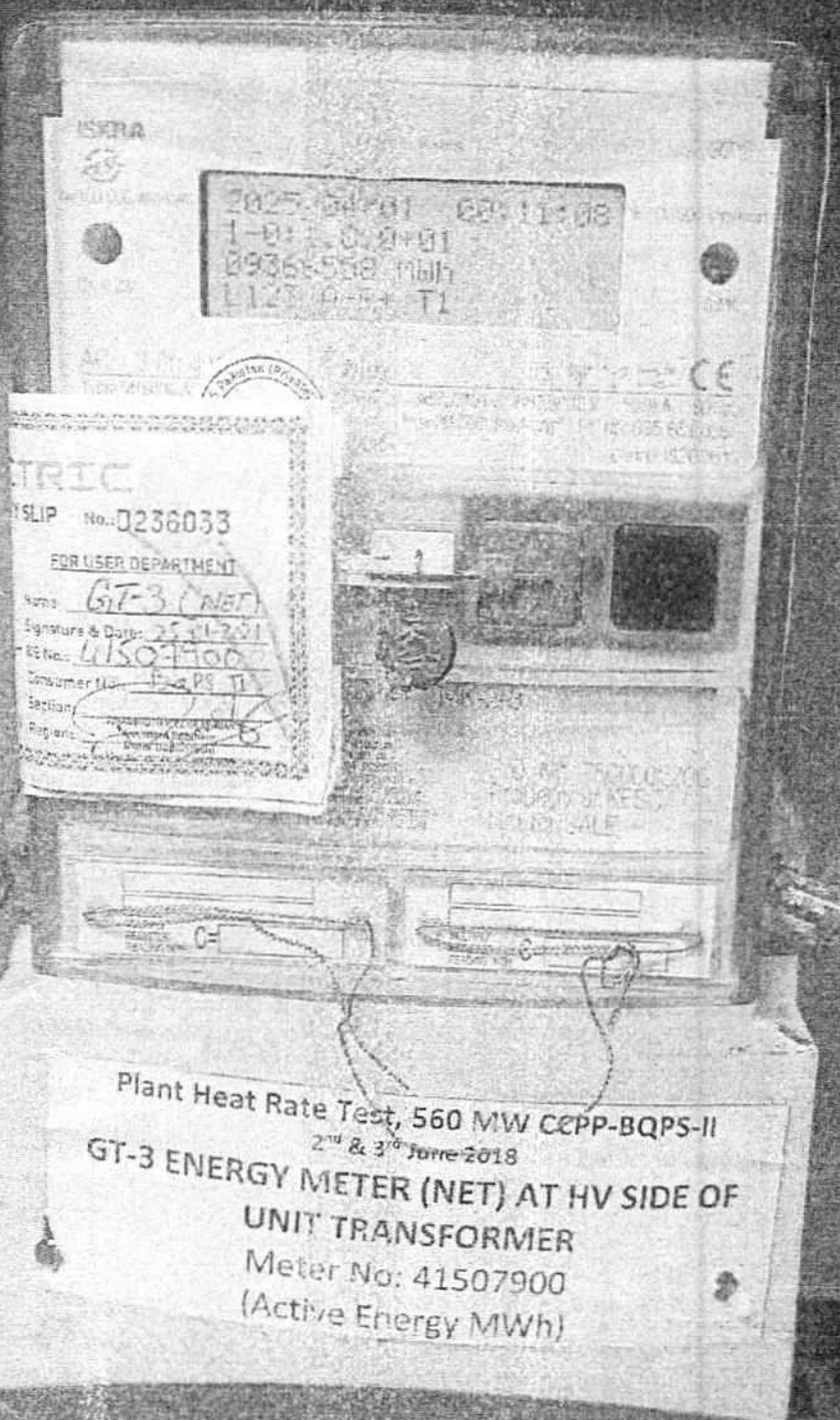
Consumer No: 00000

Section: [Blank]

Region: [Blank]

Plant Heat Rate Test, 560 MW CCPP-BOPS-II
2nd & 3rd June 2015
GT-2 ENERGY METER (NET) AT HV SIDE OF
UNIT TRANSFORMER
Meter No: 41307793
(Active Energy MWh)

x01



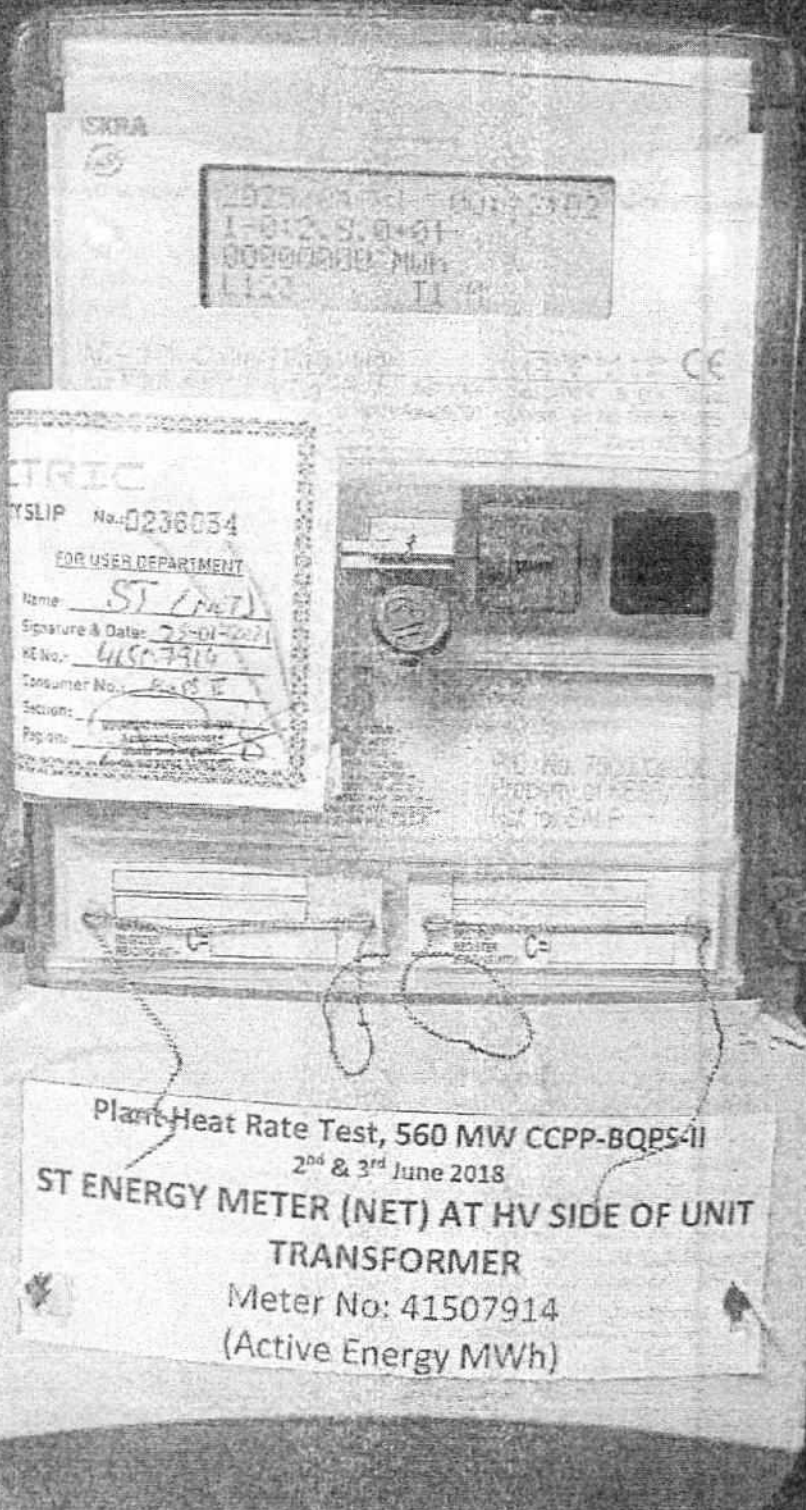
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2025-04-01 00:01
I-012.8.0-01
00053179 MWh
4123 H-R II

SLIP No. 0236033
FOR USER DEPARTMENT
Name: GT-3 (Net)
Signature & Date: [Signature] 2025-04-01
CE No: 41507900
Consumer No: 41507900
Sector: [Blank]
Region: [Blank]

Plant Heat Rate Test, 560 MW CCPP-BQPS-II
2nd & 3rd June-2018
GT-3 ENERGY METER (NET) AT HV SIDE OF
UNIT TRANSFORMER
Meter No: 41507900
(Active Energy MWh)

x 81



x 81

EXTRA

2015-01-01 00:01:54
1-11-8-0401
15043364 P015
1107 50-11 M

SLIP No: 0236034
FOR USER DEPARTMENT
Name: ST / MCD
Signature & Date: 25-01-2021
ME No: 41507914
Consumer No: 10000
Section:
Region:

Plant Heat Rate Test, 560 MW CCPP-BQPS-II
2nd & 3rd June 2018
ST ENERGY METER (NET) AT HV SIDE OF UNIT
TRANSFORMER
Meter No: 41507914
(Active Energy MWh)

STARTUP #3

ICKRA



100 000 Imp/kWh



0.125

MADE IN GERMANY

2000

2025-04-01
1-011 12.0+0
8168217.0
L123 A15

100 000 Imp/kWh



0.50

AC - 3 Ph 4 Wire / 3 Ph 3 Wire

CE

TYPE: MT1000-4-2000-01 1200 SKU
NO. 41567 820
100 000 Imp/kWh
100 000 Imp/kWh



Technical specifications table with columns for parameters and values.

Technical specifications table with columns for parameters and values.



0000/1

0000/100

ISKRA

Made in Slovenia

2019

100 000 Imp/kWh

2025-04-01 00:00:29

100 000 Imp/kWh

1-0:1.8.0+01

0006408.9 kWh

L123 A+B+ T2 T E

0.025

0.5%

IC

No. 0239217

FOR USER DEPARTMENT

Signature & Date:

Customer No.:

SN:

IP:

12-L21-M3K03-Z7 3x230/400 V 1.5 A 50 Hz

100 kWh/kWh Pot=20 000 Imp/kWh Pl. No. 035 884 040

0 V AC/25

Comm. IS20842

0-8004

533/1

6633/130

SKRA

Made in Slovenia

2019

S=100 000 imp/kvarh

2025/04/01 09:00:45

S=100 000 imp/kvarh

1-0:1.8.0+01

0005602.6 MW

L123 A+R+ T2 T E

0.025

0.025

TRIC

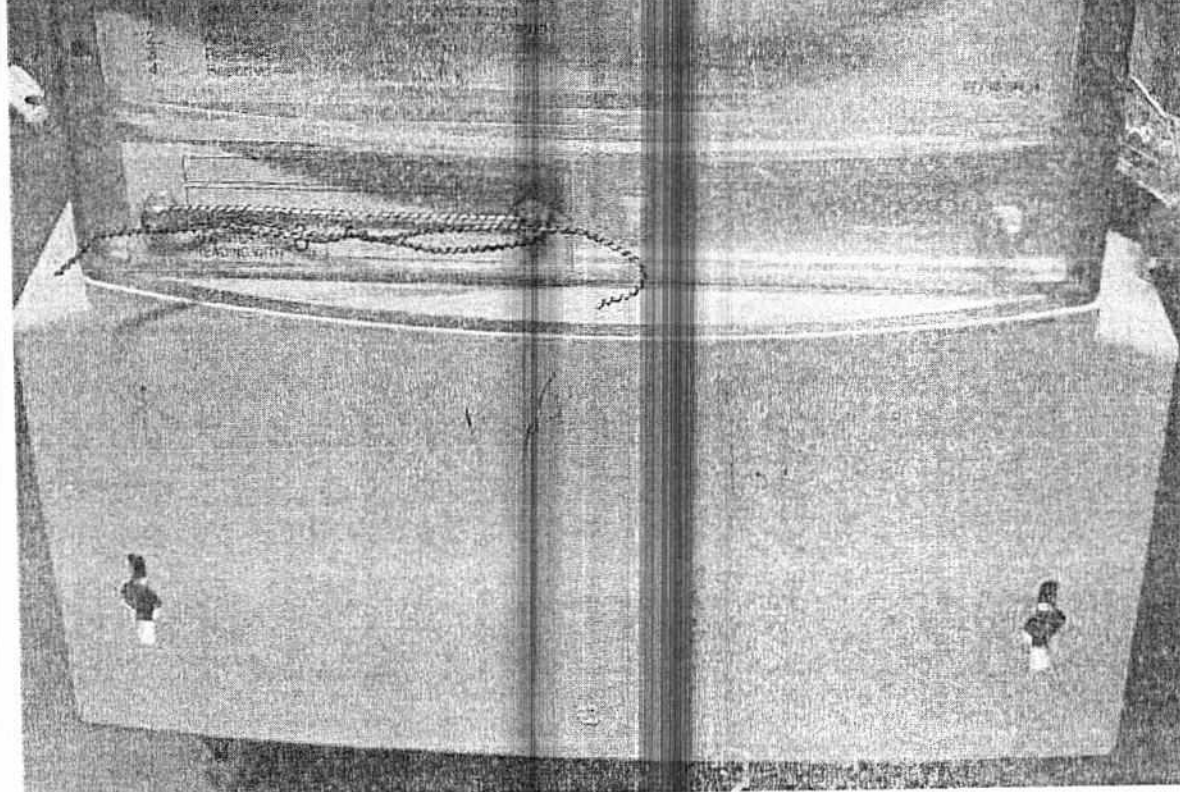
SLIP No. 0239199

FOR USER DEPARTMENT

Name: _____
Signature & Date: _____
KE No.: _____
Consumer No.: _____
Section: _____
Region: _____

M3K03-Z7 Sx63.5/110 V I=6 A 50 Hz
Pr No: 035 884 040
Conn: IS25642

TO-8005



V#1



SKRA



100-100-100-100



100-100-100-100

100-100-100-100
100-100-100-100
100-100-100-100
100-100-100-100



100-100-100-100

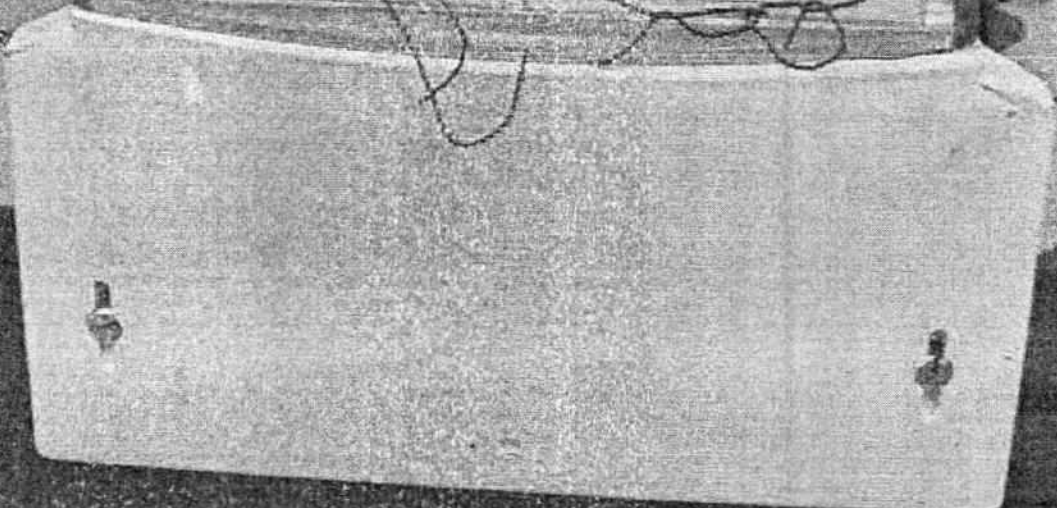
100-100-100-100

CE

100-100-100-100
100-100-100-100
100-100-100-100
100-100-100-100



100-100-100-100
100-100-100-100
100-100-100-100
100-100-100-100



1000 13A

5.6KV

A-

ABC

BB

SLIP

DATE

TIME

LOCATION

REMARKS

TESTER

INSPECTOR

1000

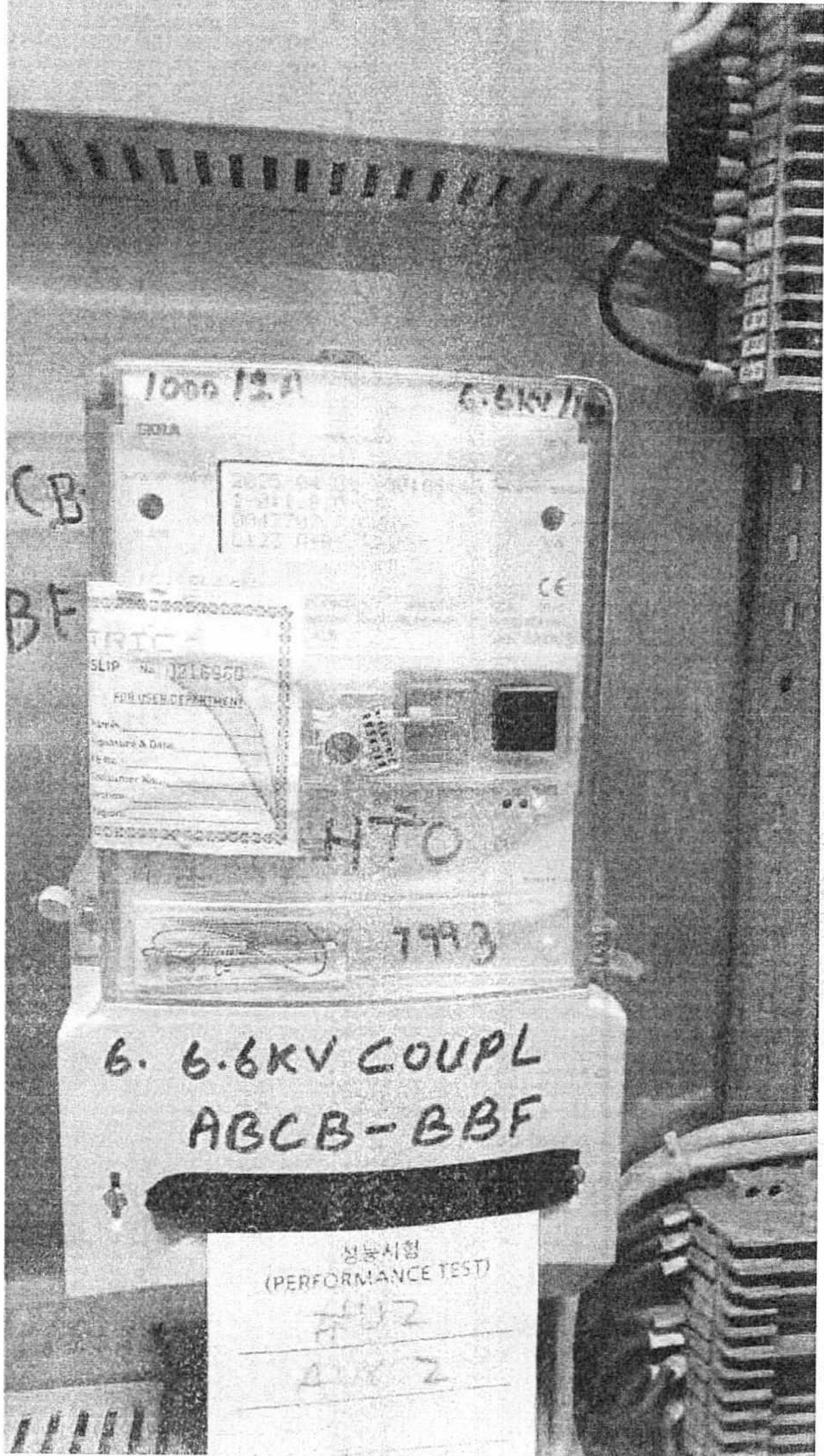
7993

5.6KV COUPL
ABCA-BBE

성능시험
(PERFORMANCE TEST)

U#

AUG. 2

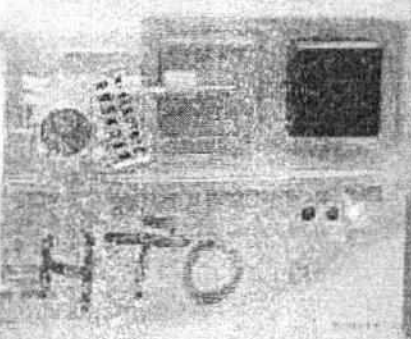


1000 12.1

6.6KV

CB
BF

SLIP NO. 071650
FOR USER DEPARTMENT
Name _____
Signature & Date _____
To be _____
Responsible Name _____
Address _____
Region _____



7993

6. 6.6KV COUPL
ABCB-BBF

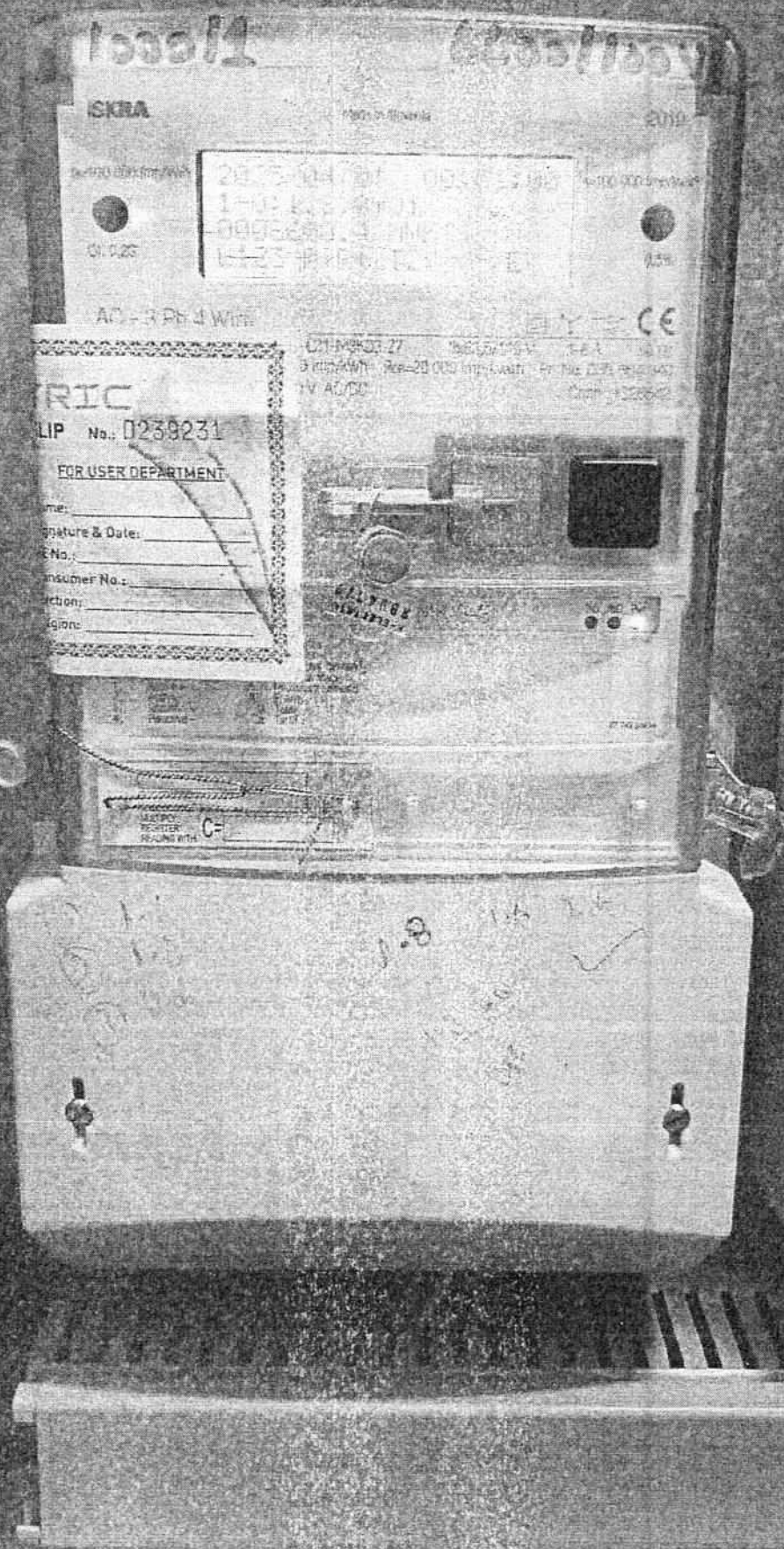


성능시험
(PERFORMANCE TEST)

AUX2
AUX2

6,6 KV COUPL A2BCA-BBE03

6,6



6,6 KV COUPL A2BCB-BBF14

2025-01-01
1-01-01
1001
1123

CE

ATRIC

YSLIP 0230247

FOR USER DEPARTMENT

Name: _____

Signature & Date: _____

KE No.: _____

Consumer No.: _____

Section: _____

Region: _____

8

U.S.

ISKRA



Model: IKT-100

2009

1-011.8.0001



U.S.

2025-04-01 00:02:35
1-011.8.0001
2682043.6 kWh
L E R A T I T E

100 kWh



U.S.

1-011.8.0001

CE

1-011.8.0001

1-011.8.0001

1-011.8.0001

1-011.8.0001

1-011.8.0001

1-011.8.0001

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1-011.8.0001

00E01CE311

51B9E FEED FROM ABBA

SLIP No. 0259413

FOR USER DEPARTMENT

Name: _____

Signature & Date: _____

Phone: _____

Consumer No.: _____

Address: _____

Region: _____

01CE

BBF15CE311

61BBF FEED FROM A3BCB



Period	Power Plant	Cost per MMBTU (USD)	Exchange Rate	MMSCF	MMBTU	Cost (Million PKR)	GST	Total Cost (Million PKR)	Cost per MMBTU (PKR)
1st Billing Cycle 1st to 10th March	BQPS I - Unit 1	10.50	280.45	-	-	-	-	-	2,944.08
	BQPS I - Unit 2	10.50	280.45	-	-	-	-	-	2,944.08
	BQPS I - Unit 5	10.50	280.45	-	-	-	-	-	2,944.08
	BQPS I - Unit 6	10.50	280.45	-	-	-	-	-	2,944.08
	BQPS II	10.50	280.45	1	1,156	3	1	4	2,944.08
	BQPS III - Unit 1	10.50	280.45	387	408,637	1,203	217	1,420	2,944.08
	BQPS III - Unit 2	10.50	280.45	27	28,016	85	15	101	2,944.08
	Sub-total	10.50	280.45	415	436,303	1,292	233	1,524	2,944.08
2nd Billing Cycle 11th to 20th March	BQPS I - Unit 1	10.50	280.60	-	-	-	-	-	2,945.65
	BQPS I - Unit 2	10.50	280.60	-	-	-	-	-	2,945.65
	BQPS I - Unit 5	10.50	280.60	-	-	-	-	-	2,945.65
	BQPS I - Unit 6	10.50	280.60	-	-	-	-	-	2,945.65
	BQPS II	10.50	280.60	3	3,663	11	2	13	2,945.65
	BQPS III - Unit 1	10.50	280.60	414	436,138	1,291	232	1,523	2,945.65
	BQPS III - Unit 2	10.50	280.60	312	329,751	971	175	1,146	2,945.65
	Sub-total	10.50	280.45	730	771,542	2,273	409	2,682	2,944.08
3rd Billing Cycle 21st to 31st March	BQPS I - Unit 1	10.50	280.55	-	-	-	-	-	2,945.13
	BQPS I - Unit 2	10.50	280.55	-	-	-	-	-	2,945.13
	BQPS I - Unit 5	10.50	280.55	-	-	-	-	-	2,945.13
	BQPS I - Unit 6	10.50	280.55	-	-	-	-	-	2,945.13
	BQPS II	10.50	280.55	1	733	2	0	3	2,945.13
	BQPS III - Unit 1	10.50	280.55	472	499,566	1,472	265	1,736	2,945.13
	BQPS III - Unit 2	10.50	280.55	231	245,126	722	130	852	2,945.13
	Sub-total	10.50	280.10	704	745,531	2,196	395	2,591	2,940.41
Mar-25	BQPS I - Unit 1	10.50	0.00	-	-	-	-	-	-
	BQPS I - Unit 2	10.50	0.00	-	-	-	-	-	-
	BQPS I - Unit 5	10.50	0.00	-	-	-	-	-	-
	BQPS I - Unit 6	10.50	0.00	-	-	-	-	-	-
	BQPS II	10.50	280.56	5	5,557	16	3	19	2,945.26
	BQPS III - Unit 1	10.50	280.54	1,273	1,346,431	3,965	714	4,679	2,944.98
	BQPS III - Unit 2	10.50	280.57	571	603,893	1,779	320	2,099	2,945.37
	Total	10.50	280.55	1,349	1,955,892	5,760	1,037	6,797	2,945.10

Indigenous Bill Summary March 2025

Description	AMOUNT (Original Bill)	Contract Matters	GC/AS PER BILLS	Amount	Amount	GC/AS PER BILLS	Net amount	Total Amount of SSCC bills	PG&I NUMBER
BUN GASIM									
16147270	-	-	1,007,097	-	-	28,494	2,500	31,994	-
16392826	-	-	1,007,097	-	-	28,494	2,500	31,994	-
M12169664	-	-	1,007,097	-	-	28,494	2,500	31,994	-
16141203	-	-	1,007,097	-	-	28,494	2,500	31,994	-
N/2131840	-	-	1,007,097	-	-	28,494	2,500	31,994	-
61421197	-	-	1,007,097	-	-	28,494	2,500	31,994	-
Total	-	-	1,007,097	-	-	179,158	15,000	194,158	-
BUN GASIM COMBINED CYCLE POWER PLANT									
25093815	-	-	1,007,097	-	-	48,899	2,500	51,399	-
24093050	-	-	1,007,097	-	-	28,518	2,500	31,018	-
25093818	-	-	1,007,097	-	-	48,899	2,500	51,399	-
25093841	-	-	1,007,097	-	-	29,992	2,500	31,492	-
25093846	-	-	1,007,097	-	-	29,086	2,500	31,586	-
Total	-	-	1,007,097	-	-	164,492	12,500	176,992	-
KORANGI TOWN GAS TURBINE-II									
16124923	-	-	922,977	-	-	25,898	2,500	28,398	-
15700070	-	-	922,977	-	-	25,898	2,500	28,398	-
16344672	-	-	922,977	-	-	28,494	2,500	30,994	-
Total	-	-	922,977	-	-	80,290	7,500	87,790	-
SETE GAS TURBINE-II									
26647625	-	-	985,990	-	-	37,338	2,500	39,838	-
29403410	-	-	985,990	-	-	28,829	2,500	31,329	-
Total	-	-	985,990	-	-	66,167	5,000	71,167	-
KORANGI COMBINED CYCLE POWER PLANT									
26184818	-	-	1,002,784	-	-	28,198	2,500	30,698	-
16182308	-	-	1,002,784	-	-	28,894	2,500	31,394	-
26400091	-	-	1,002,784	-	-	28,894	2,500	31,394	-
KTPS MMMS20201	-	-	1,002,784	-	-	28,894	2,500	31,394	-
Total	-	-	1,002,784	-	-	115,979	10,000	125,979	-
Total KS Generating Stations	-	-	-	-	-	577,060	51,500	628,560	-
SS/WV 14240592	-	-	910,042	-	-	26,398	2,000	28,398	-
Total	-	-	-	-	-	593,458	53,500	646,958	-
SSC Bill									
						GST @12%			
						SSC Bill			
						779,222			

K-Electric Limited
Furnace Oil Details - March 2025

Vendor	Invoice Date/Doc Date	GRN Date	Invoice#	Quantity	Amount in LC

Purchases

	Mton	PKR
Opening stock as at Mar-25	32,789	4,944,601,174

Date	Quantity	Amount
	0.00	0.00
	32,789.42	4,944,601,174.33

Consumption Mar-25
Closing Mar-25

"Without Prejudice"

Invoice No.	KE-07/2025	
Billing Cycle	From	To
	1-Mar-25	10-Mar-25
Invoice Date	Tuesday, March 11, 2025	
Issue Date	Tuesday, March 11, 2025	
Due Date	Sunday, March 16, 2025	

Managing Director,
KE House, 39B Sunset
Boulevard, DHA Phase-II,
Karachi

Buyer's NTN

1543137-1

COMMERCIAL INVOICE UNDER THE GAS SALES AGREEMENT

Dear Sir,

In accordance with the terms agreed, K-Electric is requested to arrange payment of PKR 1,523,591,722.77 being the payment against Gas supplied during the above-mentioned period. Details in this respect are given below:

(1)	Gas Supplied	(a) MMSCF	415.127600	
		(b) MMBTU	438.568.055700	Annex-I
(2)	Gas Price	USD / MMBTU	10.4977	Annex-II
(3)	USD exchange rate	PKR / USD	280.45	Annex-III
(4)	Gas Charges	PKR	1,291,179,426.08	(1b) x (2) x (3)
(5)	VED @ PKR 10 / MMBTU	PKR	-	
(6)	Sub-Total	PKR	1,291,179,426.08	(4) + (5)
(7)	Make Up Gas	PKR	-	Annex-IV
(8)	Adjustments (if any)	PKR	-	
(9)	Total	PKR	1,291,179,426.08	(6) + (7) + (8)
(10)	GST @ 18%	PKR	232,412,296.69	(9) x 18%
Total Amount Due		PKR	1,523,591,722.77	(9) + (10) + (11)

Amount in Words:

One Billion Five Hundred Twenty Three Million Five Hundred Ninety One Thousand Seven Hundred Twenty Two Rupees and Seventy Seven Paisas

Other Details:

NTN

7203423-3

STRN

327787612-000

Kind Regards,

Chief Financial Officer
for Pakistan LNG Limited





"Without Prejudice"

Invoice No.	KE-08/2025	
Billing Cycle	From	To
	11-Mar-25	20-Mar-25
Invoice Date	Friday, March 21, 2025	
Issue Date	Friday, March 21, 2025	
Due Date	Wednesday, March 26, 2025	

Managing Director,
KE House, 39B Sunset
Boulevard, DHA Phase-II,
Karachi

Buyer's NTN 1543137-1

COMMERCIAL INVOICE UNDER THE GAS SALES AGREEMENT

Dear Sir,

In accordance with the terms agreed, K-Electric is requested to arrange payment of PKR 2,681,782,326.88 being the payment against Gas supplied during the above-mentioned period. Details in this respect are given below:

(1)	Gas Supplied	(a) MMSCF	729.613600	
		(b) MMBTU	771,542.214000	Annex-I
(2)	Gas Price	USD / MMBTU	10.4977	Annex-II
(3)	USD exchange rate	PKR / USD	280.60	Annex-III
(4)	Gas Charges	PKR	2,272,696,887.19	(1b) x (2) x (3)
(5)	FED @ PKR 10 / MMBTU	PKR	-	
(6)	Sub-Total	PKR	2,272,696,887.19	(4) + (5)
(7)	Make Up Gas	PKR	-	Annex-IV
(8)	Adjustments (if any)	PKR	-	
(9)	Total	PKR	2,272,696,887.19	(6) + (7) + (8)
(10)	GST @ 18%	PKR	409,085,439.69	(9) x 18%
Total Amount Due		PKR	2,681,782,326.88	(9) + (10) + (11)

Amount in Words:

Two Billion Six Hundred Eighty One Million Seven Hundred Eighty Two Thousand Three Hundred Twenty Six Rupees and Eighty Eight Paisas

Other Details:

NTN 7203423-3
STRN 3277876123000

Kind Regards,


Chief Financial Officer
for Pakistan LNG Limited

"Without Prejudice"

Invoice No.	KE-09/2025	
Billing Cycle	From	To
	21-Mar-25	31-Mar-25
Invoice Date	Thursday, April 3, 2025	
Issue Date	Thursday, April 3, 2025	
Due Date	Tuesday, April 8, 2025	

Managing Director,
KE House, 39B Sunset
Boulevard, DHA Phase-II,
Karachi

Buyer's NTN

1543137-1

COMMERCIAL INVOICE UNDER THE GAS SALES AGREEMENT

Dear Sir,

In accordance with the terms agreed, K-Electric is requested to arrange payment of PKR 2,590,907,722.28 being the payment against Gas supplied during the above-mentioned period. Details in this respect are given below:

(1)	Gas Supplied	(a) MMSCF	704.020700	
		(b) MMBTU	745,530,658460	Annex-I
(2)	Gas Price	USD / MMBTU	10.4977	Annex-II
(3)	USD exchange rate	PKR / USD	280.53	Annex-III
(4)	Gas Charges	PKR	2,195,684,510.41	(1b) x (2) x (3)
(5)	FED @ PKR 10 / MMBTU	PKR	-	
(6)	Sub-Total	PKR	2,195,684,510.41	(4) + (5)
(7)	Make Up Gas	PKR	-	Annex-IV
(8)	Adjustments (if any)	PKR	-	
(9)	Total	PKR	2,195,684,510.41	(6) + (7) + (8)
(10)	GST @ 18%	PKR	395,223,211.87	(9) x 18%
Total Amount Due		PKR	2,590,907,722.28	(9) + (10) + (11)

Amount in Words:

Two Billion Five Hundred Ninety Million Nine Hundred Seven Thousand Seven Hundred Twenty Two Rupees and Twenty Eight Paisas

Other Details:

NTN

7203423-3

STRN

3277876123000

Kind Regards,

Chief Financial Officer
for Pakistan LNG Limited



Central Power Purchasing Agency (Guarantee) Limited

A Company of Government of Pakistan



Phone: 051-111-922-772
Fax: 051-9216949
Email: billing@cpa.gov.pk

Chief Financial Officer (CPA-G)
Shaheen Plaza, Plot no. 73-West,
Fazal-e-Haq road, Blue Area,
Islamabad

✓ No: CFO/GMF(CA&T)/B&R/ 897

Dated: 11-Apr-25

The CEO K-Electric,
House No. 39-B, Sunset Boulevard,
Phase-IV, DHA, Karachi

Subject: **TRANSFER CHARGES FOR THE MONTH OF MARCH-2025.**

Pursuant to Article 6 of Power Purchase Agency Agreement executed between CPA-G and K-electric on January 5th, 2024, enclosed, please find the Settlement Advices and/or Invoices for the month of March-2025. As per clause 6.24 of the PPAA, the due date of the advices is within 30 days of the delivery of settlement advices / invoices. Therefore, it is requested to arrange the payment within the due date.

D.A: As above

Manager Finance (B & R)

Karachi Electric Supply Company (K-ELECTRIC)
Summary of Transfer Charges
For the month of March-2025
(Pursuant to NEPRA Commercial Code SRO 542(1) 2015)

Energy (kWh)	981,961,390
MDI (kw)	1,855,060

		Rs.
Energy Transfer Charges-GST (ETC-1)	Annex: A	8,689,759,343
General Sales Tax (ETC-1)	Annex: A	1,564,156,682
Energy Transfer Charges-Non-GST (ETC-2)	Annex: B	1,315,841,095
Capacity Transfer Charges (CTC)	Annex: B	7,749,272,855
NTDC's Use of System Charges	Annex: C	436,495,618
PMLTC Transmission Service Charges	Annex: D	618,791,256
Market Operations Fee	Annex: E	3,821,424
Sales Tax (MOF)	Annex: E	573,214

Total Transfer Charges

20,378,711,486

DA: As Above



Central Power Purchasing Agency (Guarantee) Limited
A Company of Government of Pakistan



Power / Electricity (EPP & GST) Settlement Advice
(Pursuant to NEPRA Commercial Code SRO 542(1) 2015)

CPPA-NTN: 4401241-1
CPPA-GST No. 3277876113750

Part-I

Name and Address

Karachi Electric Supply Company (K-ELECTRIC) K.E House, 39-B, Sunset Boulevard, DHA II, Karachi
GST No 1200271600728

Settlement Period	March-2025
Advice No	ES/KE/650-Mar-25
Advice Date	31-03-25
Issue Date	11-04-25
Due Date	11-05-25

Description	
Energy (kWh)	981,961,390
Kvarh	
MDI (kw)	1,855,060

Energy Transfer Charge	GST @ 18 %	8.849390		8,689,759,343
------------------------	------------	----------	--	---------------

Total Transfer Charge	8,689,759,343
-----------------------	---------------

GST	1,564,156,682
-----	---------------

Payable within Due Date	10,253,916,025
-------------------------	----------------


Manager Finance (B & R)



Central Power Purchasing Agency (Guarantee) Limited
A Company of Government of Pakistan



Power / Electricity (Non-GST) Settlement Advice
(Pursuant to NEPRA Commercial Code SRO 542(1) 2015)

CPPA-NTN: 4401241-1
CPPA-GST No. 3277876113750

Part-II

Name and Address

Karachi Electric Supply Company (K-ELECTRIC)
K.E House, 39-B, Sunset Boulevard, DHA II, Karachi

GST No 1200271600728

Settlement period	March-2025
Advice No	ES/KE-Mar-25
Advice Date	31-03-25
Issue Date	11-04-25
Due Date	11-05-25

Description	
Energy (kWh)	981,961,390
MDI (kw)	1,855,060

Capacity Transfer Charges	4,177,370,465	7,749,272,855
Energy Transfer Charges	1,340,013	1,315,841,095
Total Transfer Charges		9,065,113,950

Note: The Fixed O&M of renewable power projects included in the GST settlement advice are Rs. 1,232,773,324. For the purpose of submission of Quarterly adjustments, the same may please be claimed as a capacity component

Manager Finance (B&R)



Market Operations (Agency) Fee Invoice
 (Pursuant to NEPRA Commercial Code SRO 542(1) 2015)

CPPA-NTN: 4401241-1
 CPPA-GST No. 3277876113750

Name and Address

Karachi Electric Supply Company (K-ELECTRIC) K.E House, 39-B, Sunset Boulevard, DHA II, Karachi GST No 1200271600728

Billing Month	March-2025
Invoice No	MOF/KE-Mar-25
Invoice date	31-03-25
Issue date	11-04-25
Due Date	11-05-25

Sub: **INVOICE FOR MARKET OPERATIONS FEE FOR THE MONTH OF MARCH-25.**

The detail of Market Operations (Agency) Fee for the services received by you is as under:-

MDI (KW)	MOF Rate (Rs./kW/Month)	Rupees		
		Billed Amount	Services Tax @ 15% (ICT)	Toatal Amount Payable
1,355,060	2.06	3,821,424	573,214	4,394,637

Manager Finance (B&R)

**NATIONAL TRANSMISSION & DESPATCH COMPANY LIMITED**

(Part-II)

**INVOICE FOR K-ELECTRIC USE OF SYSTEM CHARGES THROUGH CPPA-G
MARCH 2025**

(Pursuant to NEPRA Commercial Code SRO 542(I) 2015, Section 8.8.5)

NTDCL NTN No. : 2952212-9
NTDC GST No. 03-00-2716-005-73

K-ELECTRIC USE OF SYSTEM CHARGES INVOICE THROUGH CPPA-G		Billing Month	March-25
Central Power Purchasing Agency Guarantee Ltd. (CPPAG)		Invoice No.	UoSC/2025-03/01
Shaheen Plaza, Plot # 73, West Fazi-e-Haq Road,		Issue Date	08-04-2025
Blue Area, Islamabad.		Due Date	As per PPAA
GST No. : 32-77-8761-137-50			

Sr. No.	DISCO	NTN/STRN Number	Energy (kWh)	NDU (kW)	Rate (Rs. / kW / month)	Total NTDC UoSC (Rs.)
1	K-Electric (NKL & KDA)	1543137-1	981,961,390	1,855,060	235.30	436,495,618
	Total		981,961,390	1,855,060	-	436,495,618

Calculation of NTDC Use Of System Charges	Rate (Rs.)	Amount (Rs.)
Fixed Use of System Charges (Rs./kW/month)	235.30	436,495,618
Variable Use of System Charges (Rs./kWh)	0.22 x 1	-
Total Amount		436,495,618

Payable to :	National Transmission and Despatch Company Limited
Title of Account :	Finance Director NTDC Lahore
Account Number :	0427-1203176-S
Bank :	UBL
Branch :	WAPDA House Branch Lahore


Dy. GM Finance B&R
NTDC



NATIONAL TRANSMISSION & DESPATCH COMPANY LIMITED

(Part-III-A)

DISCO-WISE PMLTC TRANSMISSION SERVICES CHARGE INVOICE THROUGH CPPA-G

March 2025

(Pursuant to NEPRA Commercial Code SRO 542(1) 2015, Section 8.8.5)

NTUCLNTN No. : 2952211-9

NTDC GST No. 03-00-2716-005-73

DISCO-WISE PMLTC TRANSMISSION SERVICES CHARGE INVOICE THROUGH CPPA-G

Central Power Purchasing Agency Guarantee Ltd. (CPPAG)
Shahen Plaza, Plot # 73, West Fazl-e-Ilah Road,
Blue Area, Islamabad.
GST No. : 32-77-8761-137-50

Billing Month	March-25
Invoice No.	PMLTC-TSC/2025-03/01
Issue Date	08-04-2025
Due Date	Immediate

Description	Contracted Capacity (kW)	Rate (Rs./kWh/month)	Amount (Rs.)
PMLTC Transmission Services Payment	4,000,000	As per NEPRA Tariff	7,979,846,400
Less: Diff. TSP (Jan-25) due to decreased in NEPRA Tariff from Rs. 2.7193/kWh to Rs. 2.6814/kWh			(112,790,400)
Less: Diff. TSP (Feb-25) due to decreased in NEPRA Tariff from Rs. 2.7193/kWh to Rs. 2.6814/kWh			(101,875,200)
GST		As per GOP Decision	
Total			7,765,180,800

Note 1: Amount verified by NTDC and reference units calculated at 100% contracted capacity for each hour of Billing Month as per Tariff & TSA.

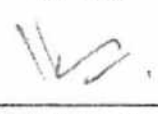
Sr. No.	DISCO	Energy (kWh)	MDI (kW)	% Allocation based on MDI	PMLTC TSC (Rs.)
1.	FESCO	1,005,595,530	2,782,336	11.952%	928,102,157
2.	GEPCO	684,940,090	1,877,072	8.063%	626,133,795
3.	HESCO	404,121,529	1,620,856	6.963%	540,667,967
4.	IESCO	677,858,246	1,622,302	6.971%	541,317,093
5.	LESCO	1,557,503,921	4,297,892	18.462%	1,433,645,367
6.	MEPCO	1,120,529,215	3,057,432	14.423%	1,119,936,586
7.	PESCO	899,532,090	3,017,894	12.942%	1,004,979,230
8.	QESCO	414,389,618	1,271,284	5.461%	424,061,444
9.	SEPCO	221,452,577	931,838	4.011%	311,499,784
10.	TESCO	146,074,345	647,680	2.782%	216,046,231
11.	K-Electric	981,961,390	1,855,160	7.969%	618,791,256
Total		9,113,949,368	23,279,056	100%	7,765,180,800

Note 2: As per NEPRA Tariff Determination No. NEPRA/TRF-533/NTDC-1020 dated 04-11-2021 Order para 17.2.2.4; PMLTC Charges shall be allocated to XWDISCOs and RE based on their actual MDI for the month.

Payable to:	National Transmission and Despatch Company Limited
Title of Account:	CFO NTDC HVDC Transmission Line Project
Account Number:	0552-7991042103
Bank:	UBL
Branch:	WAPDA House Branch Lahore

Dy. GM Finance B&R
NTDC

Incoming Bill Sticker

Vendor Code	153150	Vendor Name: FFBL POWER COMPANY LIMITED				
Vendor Bill Details		Energy Payment for March-2025			Initiated by  Signature / Name / Date	
Invoice Date	31-Mar-25	Invoice No.	951000171	Amount		411,458,276
Bill Receiving Date	3-Apr-25	P. O. No.	19-	G.R. No.		

Bill Verification Details					
GL Account	CC	Tax Code	Order No.	Amount (In Full Rupees)	Remarks
EAB017	220040000			376,238,688	Energy Payable Mar '25
			GST @ 18%	67,722,964	
			Gross Amount	443,961,652	
Parking No.		Less :	CN - FCA Oct-24	(3,082,382)	JV #
			ST on CN - FCA Oct-24	(554,829)	
			CN - FCA Nov-24	(18,820,230)	JV #
			ST on CN - FCA Nov-24	(3,387,642)	
Parking Date			CN - FCA Dec-24	(634,092)	JV #
Payment Due Date	30-Apr-25		ST on CN - FCA Dec-24	(114,137)	
Checked & Posted by			CN - FCA Feb-25	(291,313)	JV #
			ST on CN - FCA Feb-25	(52,437)	
			CPP Negative Adj. Mar-25	(5,566,314)	Will Adjust from DP # 327647
			Net Amount	411,458,276	
			I.Tax		
Accounts Payable			Amount Payable		

Rupees:-

Document Forwarded to:		
Business Area / Department:	Addressee Name & Location:	Forwarded Date:

Verified By 	Approved By  ARSHAD PERVEZ Deputy General Manager PP Operations & Fuel Management K-ELECTRIC LIMITED Technical	 AAMIR ROZWAN QURESHI Head of Fuel & PP Management K-ELECTRIC LIMITED Commercial	 FAHAD MAZHAR Deputy Director SF Transmission & SD K-ELECTRIC LIMITED Functional Approval	FEA / COO *
Signature / Name / Date	Authorized Signatures		Functional Approval	FEA / COO *

Payment Particulars					
Payment Doc. No	Date	Bank	Cheque No.	Cheque Date	Amount (In Full Rupees)

* as per signature mandate

K-Electric Limited
FFBL Power Company Limited
Energy Payment
Invoice No. 951000171
IPO No: 99-

FFBL Power Company Limited Energy Payment March 2025				
Meter Reading		Main	Back Up	Variation
		Meter HTO-8030	Meter HTO-5484	
Present - Kwh		744,911,000	3,063,333,000	
Previous - Kwh		724,601,000	3,043,034,000	0%
Generation (Kwh) March-2023	J	20,310,000	20,299,000	0.05%

Description	Formula	KE	FPCL	Variance
		March 24	March 24	
Units Delivered (Kwh)	J	20,310,000	20,310,000	-
Fuel Cost Component (Rev)	K	18.1969	18.1969	-
Variable O & M Local (Rev)	L = B x G	0.0330	0.0330	-
Variable O & M Foreign (Rev)	M = C x H x I	0.2949	0.2949	-
Water Cost	J	-00	-00	-
Ash Disposal	L	-00	-00	-
Limestone Cost	F	-00	-00	-
Energy Rate - Rs./Kwh		18.5248	18.5248	-
Total Energy Payment		376,238,688	376,238,688	-
18% GST		67,722,964	67,722,964	-
Gross Amount		443,961,652	443,961,652	-
FFA Oct-24 to Feb-25 Adjustment		(72,828,015)		(72,828,016)
GST On FFA		(4,109,043)		(4,109,043)
Mar-25 CPP Invoice adjustment		(5,556,314)		(5,556,314)
NET PAYABLE BY KE		411,458,278	443,961,652	(32,503,373)

Determined by NEPRA	NEPRA/W/DT/DPAR-144/KE/FPCL-2013/3734-38		
Fuel Cost Component - Rs./unit	K	18.1969	
Date		11-Mar-25	
Approved Units		100,541,661	
Data w.e.f		31-Oct-25	

Months	Units	Balance
October-24	1,814,106	98,729,555
November-24	32,100,000	66,629,555
December-24	3,180,000	63,449,555
January-25	-	63,449,555
February-25	1,497,000	61,952,555
March-25	20,310,000	41,642,555

to the units delivered basis:

Period	Description	Fuel Cost Component Rs./Kwh	
		Reference	Revised
w.e.f. October 31, 2024	For kWh 25,674,457	5.1253	18.1969

2. submitted request for fuel price adjustment on the basis of South African bitumini

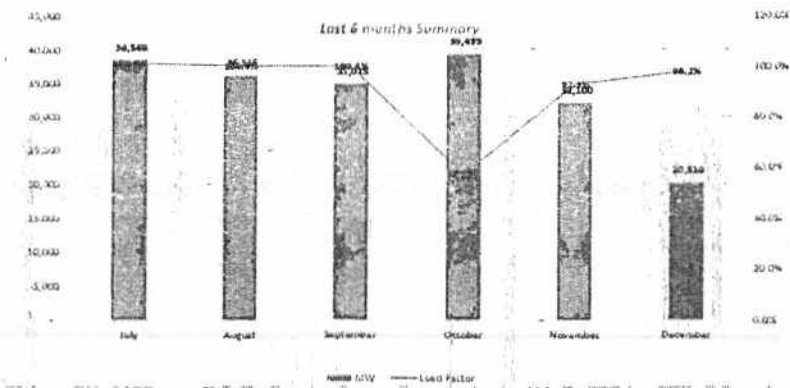
COG	19-May-17	Plant net Capacity(MW)	
Invoice Date	31-Mar-25	52	
Invoice Receiving Date	4-Mar-25	Load Factor	
Invoice Due Date	3-Apr-25	March 24	Feb-25
Month	March	52%	4%

Reference Tariff -		Reference Tariff - OLD	Ref. COD [9-Feb-22] Tariff - NEW	NEPRA INDEXED Jan-Mar'24
Energy Purchase Rate	Formula	Rs./KWh		
Fuel Cost Component	A	4.2939	5.1253	18.1969
Variable O & M Local	B	0.0121	0.0163	0.0330
Variable O & M Foreign	C	0.0811	0.0855	0.2949
Water Cost	D	0.1590	-	-
Ash Disposal	E	0.1753	-	-
Limestone Cost	F	0.0897	-	-
Total		4.8111	5.2271	18.5248

Quarterly adjustment at actual basis

Indexation Factors	Formula	Ref - Tariff OLD	Ref - Tariff NEW	Jan-Mar'24	Adjustment Factor
Par CPI	G	198.89	131.01	265.46	2.0263
US CPI	H	236.15	243.60	315.49	1.2951
ER - USS/PAK	I	102.40	104.70	278.85	2.6633

NEPRA/R/ADG(Tri)/PAR-146/KE/FPCL-2015/6021-35 DT: 13-Mar-2023



From: Fehad Ali Saliq <salis.soonro@nepra.org.pk>
Sent: Monday, April 14, 2025 3:22 PM
To: Syed Shahzad Javed Moineer <shahzad.javed@fpcl.com>
Cc: Salman Mir <salman.mir@fpcl.com>; Irum ul Haq <irumulhaq@fpcl.com>
Subject: RE: Clarification on Units to be Delivered against FPCL Coal Shipment effective from October 31, 2024

It is clarified that it was a typo error and the correct unit delivered are 100,541,661 kWh as mentioned in Annex-1.



FFBL POWER COMPANY LIMITED

COMMERCIAL INVOICE
ENERGY PURCHASE PRICE

K-Electric Limited
2nd Floor, BOC bldg, KE house
39-B, Sunset Boulevard, DHA II, Karachi
NTN: 1343137-1
STRN: 12-00-2716-007-28

Invoice no: 951000171
Invoice Date: March 31, 2025
FFBL Power Company Limited.
NTN: 4302481-5
STRN: 2300430248116

Subject: Energy Purchase Price invoice for the month of March 2025

Energy Purchase Price payment for the Net Electrical Output delivered to K-Electric Limited under Power Purchase Agreement for the month of March 2025

(a)	Total NEO	A	kWh	20,310,000
(b)	Energy Price	B	Rs. / kWh	18.5248
(c)	Energy Payment	C = A * B	Rupees	376,238,688

Energy Payment Excluding General Sales Tax	Rupees	376,238,688
Add: GST @ 18% of Energy Payment for the month of March 2025	Rupees	67,722,964
Total	Rupees	443,961,652

Payment Terms:

(1) The payment of this amount is to be made in full on before thirtieth (30th) Day following the date of the receipt of this invoice.

(2) Payment can be made through banker's cheque / Bank Draft or online transfer.:

Title of Account: Revenue Account - FFBL Power Company Limited

Account Number: 3310259314

IBAN No: PK31NBPA2123003310259314

Bank Name: National Bank of Pakistan

Bank Address: 85 West, Rizwan Center, Blue Area Islamabad.

Attachments:

- (1) Calculation of adjustment of Energy Price components of the Energy Price enclosed as Annexure A.
- (2) Net Electrical output data on hourly basis - enclosed as Annexure B
- (3) Schedule 14 - Energy Meter Reading Form - enclosed as Annexure C
- (4) Energy Meter photograph as on 01-April-2025 00:00:36 hrs - enclosed as Annexure D
- (5) Decision of the Authority in the matter of Tariff Adjustment at COD - enclosed as Annexure E
- (6) Quarterly Indexation Adjustment by National Electric Power Regulatory Authority - enclosed as Annexure F
- (7) Fuel price notification - enclosed as Annexure G.

F.T.O



FFBL Tower, C1/C2, Sector B, Jinnah Boulevard, DHA Phase II,
Islamabad, Pakistan Tel: +92 51 876 3325 Fax: +92 51 876 3305, www.fpcl.com





SALES TAX INVOICE

ENERGY PURCHASE PRICE (EPP)

Invoice no: 951000171

Invoice Date: March 31, 2025

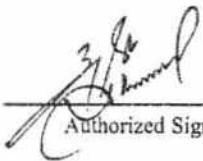
Supplier's Name

Customer's Name

FFBL Power Company Limited FFBL Tower, C1/C2, Sector B, Jinnah Boulevard, DHA II, Islamabad. NTN: 4302481-5 STRN: 2300430248116	K-Electric Limited 2nd Floor, BOC bldg, KE house 39-B, Sunset Boulevard, DHA II, Karachi NTN: 1543137-1 STRN: 12-00-2716-007-28
---	---

Description	Amount in Pak Rupees		
	Amount Excluding Sales Tax	Amount of Sales Tax 18%	Amount Including Sales Tax
Energy Purchase Price For the Month of March 2025 - Power	376,238,688	67,722,964	443,961,652
TOTAL PAYMENT	376,238,688	67,722,964	443,961,652

For and on behalf
FFBL Power Company Limited


Authorized Signatory



* Errors and omissions accepted

FFBL Tower, C1/C2, Sector B, Jinnah Boulevard, DHA Phase II,
Islamabad, Pakistan Tel: +92 51 876 3325 Fax: +92 51 876 3305, www.fpcl.com



**K - Electric Limited**

(Formerly Karachi Electric Supply Company Limited)

Incoming Bill Sticker

Vendor Code	101929	Vendor Name: M/s. INTERNATIONAL STEELS LIMITED	Initiated by	
Vendor Bill Details		Energy Payment for March-2025		
Invoice Date	3-Apr-25	Invoice No. PP-180		Amount 37,339,247
Bill Receiving Date	4-Apr-25	P. O. No. 99-9717		G.R. No.
Signature / Name: H. S. Chaudhary				

Bill Verification Details					
GL Account	CO	Tax Code	Order No.	Amount (In Full Rupees)	Remarks
EAB009	220040000			31,643,430	Energy Charges Mar '25
		GST 18%		5,695,817	
				Gross Amount	37,339,247
Parking No.		Less:	Down Payment		NO DEDUCTION KE Deduction 10/10/25 -
Parking Date			Dispute	(31,643,430)	
Payment Due Date	29-Apr-25		Dispute GST18%	(5,695,817)	
Checked & Posted by			Other Adjustment		
			LD Charges		
		Net Amount			
		Tax			
Accounts Payable		Amount Payable			

Rupees:-

NO PAYMENT

Document Forwarded to:

Business Area / Department:

Addressee Name & Location:

Forwarded Date:

Verified By	Approved By	Functional Approval
		
ARSALAN PERVEZ Deputy General Manager Finance K-ELECTRIC LIMITED	AMIR RAZA Head of Public & Commercial K-ELECTRIC LIMITED	FAHAD MAZHAR Deputy Director BF Transmission & SD K-ELECTRIC LIMITED
Signature / Name / Date	Authorized Signatures	Functional Approval

Payment Particulars					
Payment Doc. No	Date	Bank	Cheque No.	Cheque Date	Amount (In Full Rupees)

* as per signature mandate

Mar25

K-Electric Ltd.

International Steel Limited (19MW) (with steam turbine)

Energy Invoice No. PP-180 Billing month March 2025

IPO No. 99-

BF Working sheet

Agr Year - 11

Invoice Date: 3-Apr-25

Invoice Receiving Date: 4-Apr-25

Due Date (25 days): 29-Apr-25

Day Tuesday

Fuel price (revised) = (Reference rate / Reference fuel price) x Current fuel price

Fuel price (revised) = (2.336 / 238.38) x 3000 = 29.398 w.e.f 01-July,2024.

	AS PER KE	AS PER ISL	Variance	Variance (%)
NEO - ISL Meter - Main Meter	871,000	871,000	-	0%
NEO - KE Meter - Backup Meter	871,000	871,000	-	0%
Variation allowed +/- 0.5%	0.00%	0.00%	-	-
Disputed Units	871,000	871,000	-	-
Sentout Unit after dispute	-	-	-	-
Rate for units upto 80%				
Gas cost (2.336 / 238.38 x 3000)	34.298	34.298	-	0%
31D Cess (5.618 x 2.166%)	-	-	-	0%
Variable O&M + Non-Escl. + Escl. charges	2.034	2.034	-	0.00%
+0.777	-	-	-	-
Rate per unit upto 80%	36.330	36.330	-	0.00%
Units upto 80% (8,705,462)	871,000	871,000	-	0%
Amount excluding GST	(A) 31,643,430	31,643,430	-	0%
Rate for units exceeding 80%				
Fuel cost	34.298	34.298	-	0%
31D Cess (4.784 x 2.166%)	-	-	-	0%
Variable O&M and other charges	1.141	1.141	-	0%
0.895 + 0.044	-	-	-	-
Rate per unit exceeding 80%	35.439	35.439	-	0%
Units exceeding 80%	-	-	-	-
Amount excluding GST	(B) -	-	-	-
Differential in variable and other charges (borrowing cost)	(C) -	-	-	-
Total amount excluding GST	(A+B+C) 31,643,430	31,643,430	-	0%
GST @ 18%	5,695,817	5,695,817	-	0%
Amount payable	37,339,247	37,339,247	-	0%
	37,339,247	(C)	-	-
Cost per Unit / Exl GST (Rs.)	36.330	36.330	-	-
Load Factor (Plant Utilization)	8.0%	8.0%	-	-



INTERNATIONAL STEELS LIMITED
101 BEAUMONT PLAZA
10 BEAUMONT ROAD
KARACHI - 75530

SALES TAX REGISTRATION # 17-00-3020-92-110

SALES TAX INVOICE

BILL FOR K-ELECTRIC LIMITED FOR THE MONTH OF

MAR-2025

Invoice # PP-180

Date: April 3, 2025

Due Date: April 28, 2025

Name of Customer: K-ELECTRIC LIMITED
KESC House, 2nd Floor
39-B, Sunset Boulevard
Phase-11, DHA
Karachi.

Sales Tax Reg. No 12-00-2715-007-28

Meter Reading:	Present	Previous	Units Billed KWH
ISL 1	71,797,000	71,318,000	479,000
ISL 2	57,589,000	57,197,000	392,000
			871,000

Rate for units up to 80% (8,705,462)

Rupees

Fuel Cost	34.295
GID CESS	-
Variable and other charges	2.035
Rate per unit With Steam Turbine	36.330
Units billed up to 80% (KWH)	871,000

Amount excluding GST (Rs.)

A 31,643,430

Rate for units exceeding 80% (8,705,462)

Fuel Cost	34.295
GID CESS	-
Variable and other charges	1.258
Rate per unit With Steam Turbine	35.553

Units billed exceeding 80% (KWH)

Amount excluding GST (Rs.)

B -

Total units billed

871,000

Differential in variable and other charges due to increase
in cost of borrowing for the Billing month.

C

Total amount excluding GST
GST @ 18%

A+B+C 31,643,430
5,695,817

Amount payable by due date

37,339,247

Rupees Thirty Seven Million Three Hundred Thirty Nine Thousand Two Hundred Forty Seven Only

(Note: SED exempt as per SRO 855(1)/2007 dated 29th June 2007)
*Totale: 560.53 million units (KWH) have been sold to K.Electric.

Usman Ahmed
Chief Financial Officer



**K - Electric Limited**

(Formerly Karachi Electric Supply Company Limited)

Incoming Bill Sticker

Vendor Code	153265	Vendor Name: SINDH NOORIABAD POWER COMPANY (Pvt.) Limited			
Vendor Bill Details		Energy Payment for March-2025			Initiated by
Invoice Date	3-Apr-25	Invoice Nos.	KE/03/25/EPP-089	Amount	292,856,706
Bill Receiving Date	3-Apr-25	P. O. No.	99-9743	G.R. No.	
					Signature / Name / Date

Bill Verification Details					
GL Account	CC	Tax Code	Order No.	Amount (In Full Rupees)	Remarks
				248,183,649	SME-I Energy Charges Mar '25
		GST @ 18%		44,673,056	
			Gross Amount	292,856,706	
Parking No.		Less :	Down Payment		
Parking Date			Other Adjustment		
Payment Due Date	3-May-25				
Checked & Posted by			Deduction		
			LD Charges		
			Net Amount	292,856,706	
			I. Tax		
Accounts Payable			Amount Payable		

Rupees:-

Document Forwarded to:

Business Area / Department:	Addressee Name & Location:	Forwarded Date:
-----------------------------	----------------------------	-----------------

Verified By 	Approved By 	EM	
Signature / Name / Date	Authorized Signatures ABDULAN PERVEEN Deputy General Manager PP Operations & Fuel Management K-ELECTRIC LIMITED	Functional Approval FAHAD MAZHAR Deputy Director PP Transmission & BD K-ELECTRIC LIMITED	FBA / COO *

Payment Particulars

Payment Doc. No	Date	Bank	Cheque No.	Cheque Date	Amount (In Full Rupees)

* as per signature mandate

ENERGY PAYMENT INVOICE

Bill To:
Mr. Amir Rizwan
Head of Bussinees Development
K-Electric Limited
Clifton, Karachi

Invoice No: KE/03/25/EPP-089

Invoice Date: 03-04-2025

Dear Sir,

We are furnishing our Energy Purchase Invoice for the month of March 2025 in accordance with section 9.5 (b) (ii) of Power Purchase Agreement.

TARIFF - Energy Purchase Price

Fuel Cost Component - Heat Rate Degradation
 Variable O&M-Foreign
 Variable O&M-Local
 Energy Purchase Price

Indexed Jan - Mar

2025

8.6953

1.2438

0.7461

10.6852

Total Electrical Output (MWH)

23,227

Total Electrical Output (KWH)

23,226,961

Amount Receivable exclusive of Sales Tax

248,183,649

General Sales Tax @ 18%

44,673,056.82

Net Amount Receivable Inclusive of GST

292,856,706

Two Hundred Ninety Two Million Eight Hundred Fifty Six Thousand Seven Hundred Six Rupees and Zero Paisas Only.

NOTE: The Aforementioned Invoice has been Prepared as per Jan-Mar 2025 indexation based on the NEPRA determination, dated September 21, 2021, for the reference Tariff without taking into account the True-up allowed in the said determination. The difference in True-up Tariff and Reference Tariff will be invoiced upon approval of True-up Tariff by NEPRA.

Thanking You



Syed Nadeem Ul Haque
 Financial Controller

SNPC - 1 Heat Rate Degradation Working

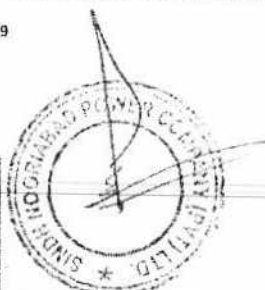
S. No.	Month/Year	Running Hours Complex	Accumulated Running Hour	ESP Units Billed	TLL Units Billed	Units Billed	Revised Reference HR	Reference Gas Price	Revised Reference FCC	Degradation FACTOR	Degraded HR	Revised FCC
						kWh	Btu/kWh	Rs./MMBtu	Rs./kWh		Btu/kWh	Rs./kWh
21	Mar-25	460,316	48,662,100	23,226,961	320,039	23,547,000	8194.255	1050	8.6040	0.9895	8281.2077	8.6953

509,049,846 3,635,743 517,675,589

APPENDIX A: SNPC - Curve for degradation in heat rate owing to operating hours

Running Hours	PPA Year	Heat Rate Degradation	Permanent Heat rate Degradation	Recoverable Heat rate Degradation	Heat Rate	Net Efficiency (LHV)	Correction Factor
Hrs	No	%	%	%		Initial (%)	Revised (%)
4000	1	0.90	0.90	0.90			
10000	2	1.50	0.90	1.00			
20000	3	0.88	0.90	0.98	7487.00	45.70	
24000	3	1.00	0.90	0.90	7541.87	45.70	45.24
32000	4	1.50	0.90	1.00	7579.01	45.70	45.02
40000	5	1.00	0.90	0.90	7541.87	45.70	45.24
48000	6	1.50	0.90	1.00	7579.01	45.70	45.02
56000	7	1.00	0.90	0.90	7541.87	45.70	45.24
64000	8	1.50	0.90	0.90	7579.01	45.70	45.02
72000	9	1.00	0.90	0.90	7541.87	45.70	45.24
80000	10	1.50	0.90	0.90	7579.01	45.70	45.02
88000	11	1.00	0.90	0.90	7541.87	45.70	45.24
96000	12	1.50	0.90	0.90	7579.01	45.70	45.02
104000	13	1.00	0.90	0.90	7541.87	45.70	45.24
112000	14	1.50	0.90	0.90	7579.01	45.70	45.02
120000	15	1.00	0.90	0.90	7541.87	45.70	45.24
128000	16	1.50	0.90	0.90	7579.01	45.70	45.02
136000	17	1.00	0.90	0.90	7541.87	45.70	45.24
144000	18	1.50	0.90	0.90	7579.01	45.70	45.02
152000	19	1.00	0.90	0.90	7541.87	45.70	45.24
160000	20	1.50	0.90	0.90	7579.01	45.70	45.02
168000	21	1.00	0.90	0.90	7541.87	45.70	45.24
176000	22	1.50	0.90	0.90	7579.01	45.70	45.02
184000	23	1.00	0.90	0.90	7541.87	45.70	45.24
192000	24	1.50	0.90	0.90	7579.01	45.70	45.02
200000	25	1.00	0.90	0.90	7541.87	45.70	45.24

*Values given under this column represents the net efficiency measured on 23rd Dec 2021.
** 22 hrs RTH considered as average of the line of test.



K-Electric Limited
Sindh Nooriabad Power Company Ltd Phase I
Current Agreement Year - 5
Energy Payment
Invoice No. KE/01/25/EPF-085
IPO No: 09

COD	16-Jan-18	Plant net Capacity(MW)	
Invoice Date	3-Apr-25	51.154	
Invoice Receiving Date	4-Apr-25		
Invoice Due Date	4-May-25	Load Factor	
Month	March	March	February
Sunday		61.03%	41.93%

Sindh Nooriabad Power Company Ltd Phase I | Energy Payment | March 2025

	Kwh		Back-up		Variation
Meter Reading - SNPC I	HTO-5497	HTO-5499	HTO-5498	HTO-5500	
Present - Kwh	1,427,765,000	1,064,027,000	1,428,656,000	1,081,195,000	
Previous - Kwh	1,414,192,000	1,074,123,000	1,415,072,000	1,077,725,000	
Total Units - Kwh	13,573,000	9,974,000	13,584,000	9,970,000	
SNPC I - Generation (Kwh)	A	23,547,000			-0.03%

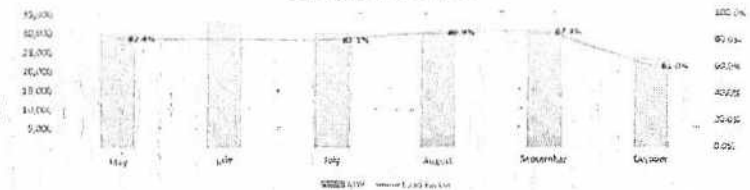
	HTO-5501	HTO-5502	HTO-7612	HTO-5503	
Present - Kwh	1,096,492,000	1,379,953,000	1,062,655,000	1,373,117,000	
Previous - Kwh	1,084,268,000	1,368,235,000	1,070,670,000	1,367,257,000	
Total Units - Kwh	12,094,000	11,758,000	11,985,000	11,760,000	
SNPC II - Generation (Kwh)	B	23,762,000		25,245,000	0.07%

	HTO-6016	HTO-6018	HTO-6017	HTO-6019	
Present - Kwh	2,416,474,000	2,250,880,000	2,416,330,000	2,254,922,000	
Previous - Kwh	2,613,194,000	2,232,404,000	2,613,064,000	2,231,344,000	
Previous - Kwh	23,200,000	23,180,000	23,281,000	23,178,000	
KDA Grid (Kwh)	C	46,666,000		46,158,000	0.02%

	Formula	KE	SNPC	Diff	Variation
SNPC-I weightage	$X = \frac{A}{A+B}$	49.77%	49.77%	0.00%	0.00%
Energy Units Collected SNPC Phase I	$AC = C \times X$	23,276,501	23,276,961	-	0.00%
Fuel Cost Component (Roz)	$F = (B \times H) / E$	8,655.3	8,655.3	-	0.00%
Variable GSM-I Foreign (Roz)	$R = I \times (G / J) \times (Q / Y^*)$	1,2436	1,2436	-	0.00%
Variable GSM-I Local (Roz)	$S = K \times (D / N)$	0.7461	0.7461	-	0.00%
Energy rate - Rs/Kwh	$T = F + R + S$	10.6852	10.6852	-	0.00%
Total Energy Payment SNPC Phase I	$AD = AC \times T$	248,164,725	248,184,725	-	0.00%
18% GST	$AE = AD \times 18\%$	44,673,250	44,673,250	-	0.00%
Net Payable	$AF = AD + AE$	292,837,975	292,857,975	-	0.00%

Description	Formula	March	February	Variation
Total SNPC - I & II Generation	$U = A + B$	47,109,000	25,335,000	17,994,000
Total Loss	$V = U - C$	643,000	323,000	320,000
Total Loss %	$W = V / U$	1.36%	1.10%	0.26%
SNPC-II weightage (T3 & T4 %age output)	$Y = (B / U) \times 100$	50.23%	50.28%	-0.05%
SNPC-I weightage (T1 & T2 %age output)	$X = (A / U) \times 100$	49.77%	49.72%	0.05%
Line Loss Allowed (<= 3.5%) SNPC Phase I	$AB = \text{Min} (Z \& AA)$	320,039	160,591	159,448
Line Loss Share SNPC I (Act)	$Z = A \times X$	320,039	160,591	159,448
Line Loss Allowed SNPC I (25%) at KE (Grid 98%)	$AA = C / 98\% \times X \times 2\%$	474,020	294,172	179,848

Summary of Last 6 months



	NEPRA Indexed	NEPRA Indexed
Indication Factor	Oct-Dec 24	Jan-Mar 25
Exchange Rate (Rs / USD)	103.72	78.050
US CPI - Foreign	237.111	314.799
CPI - Local	131.01	162.320

NEPRA/HSR-147/14/03-2015/15896-1590000 dt: October 22, 2024

**K - Electric Limited**

(Formerly Karachi Electric Supply Company Limited)

Incoming Bill Sticker

Vendor Code	53265	Vendor Name: SINDH NOORABAD POWER COMPANY (Pvt.) Limited			
Vendor Bill Details		Transmission Line Loss Payment for March-2025			initiated by <i>[Signature]</i>
Invoice Date	3-Apr-25	Invoice Nos.	KE/03/25/TLL-090	Amount	4,035,205
Bill Receiving Date	3-Apr-25	P. O. No.	99-9749	G.R. No.	
					Signature / Name / Date

Bill Verification Details					
GL Account	CC	Tax Code	Order No.	Amount (In Full Rupees)	Remarks
				3,419,665	<i>SCORC - I</i> <i>Wou be losses</i> <i>Mar '23</i>
		GST @18%		615,540	
			Gross Amount	4,035,205	
Parking No.		Less :	Down Payment		
Parking Date			Other Adjustment		
Payment Due Date	3-May-25				
Checked & Posted by			Deduction	-	
			I.D Charges		
			Net Amount	4,035,205	
			I.Tax		
Accounts Payable			Amount Payable		

Rupees:-

Document Forwarded to:		
Business Area / Department:	Addressee Name & Location:	Forwarded Date:

Verified By <i>[Signature]</i>	Approved By <i>[Signature]</i> ARGALAN PERVEZ Deputy General Manager PP Operations & Fuel Management K-ELECTRIC LIMITED	<i>[Signature]</i> AMIR RIZWAN QURESHI Head of Fuel & PP Management K-ELECTRIC LIMITED	<i>[Signature]</i> FAHAD MAZHAR Deputy Director PP Transmission & BD K-ELECTRIC LIMITED
Signature / Name / Date	Authorized Signature	Functional Approval	FBA / COO *

Payment Particulars					
Payment Doc. No	Date	Bank	Cheque No.	Cheque Date	Amount (In Full Rupees)

* as per signature mandate

K-Electric Limited
Sindh Nooriabad Power Company Ltd Phase I
Current Agreement Year -
Line Losses Payment
Invoice No. KE /01/25/TLL-089
IPO No: 99-

Sindh Nooriabad Power Company Ltd Phase I | Line Losses Payment | March 2024

	Mile		Back-up		Variation
Meter Reading - SNPC I	HTO-5497	HTO-5499	HTO-5498	HTO-5500	
Present - Kwh	1,427,765,000	1,084,097,000	1,428,656,000	1,082,695,000	
Previous - Kwh	1,414,192,000	1,074,123,000	1,415,072,000	1,072,725,000	
Total Units - Kwh	13,573,000	9,974,000	13,544,000	9,970,000	
SNPC I - Generation (Mwh)	A	23,547,000		23,554,000	-0.03%

Meter Reading - SNPC II	HTO-5501	HTO-5502	HTO-7523	HTO-5503	
Present - Kwh	1,096,292,000	1,379,993,000	1,082,655,000	1,379,937,000	
Previous - Kwh	1,084,288,000	1,368,235,000	1,070,670,000	1,367,257,000	
Total Units - Kwh	12,004,000	11,758,000	11,985,000	11,760,000	
SNPC II - Generation (Mwh)	B	23,762,000		23,745,000	0.07%

Meter Reading - KIA Grid	HTO-6016	HTO-6018	HTO-6017	HTO-6019	
Present - Kwh	2,636,474,000	2,255,860,000	2,636,335,000	2,274,927,000	
Previous - Kwh	2,613,194,000	2,232,494,000	2,613,054,000	2,231,544,000	
Total Units - Kwh	23,280,000	23,386,000	23,282,000	23,378,000	
KIA Grid (Rev)	C	46,646,000		46,659,000	0.02%

	SL	SNPC			
Description	Formula	March	March	Diff	Variation
SNPC I Line Losses Weightage	AB	320,039	320,039	-	0.00%
Line Loss Component (Rev)	$L = (D \times H) / E$	0.6054	0.6054	-	0.00%
Variable O&M - Foreign (Rev)	$R = L \times (M / I) \times (U / P)$	1.2438	1.2438	-	0.00%
Variable O&M - Local (Rev)	$S = R \times (Q / N)$	0.7461	0.7461	-	0.00%
Energy Rate - Rs/kwh	$T = I + R + S$	10.6852	10.6852	-	0.00%
Total Line Loss Payment - SNPC Phase I	$AD = AB \times T$	3,419,680	3,419,680	-	0.00%
18% GST	$AE = AD \times 18\%$	615,542	615,542	-	0.00%
Gross Amount	$AF = AD + AE$	4,035,222	4,035,222	-	0.00%

4,035,222

3

17

0

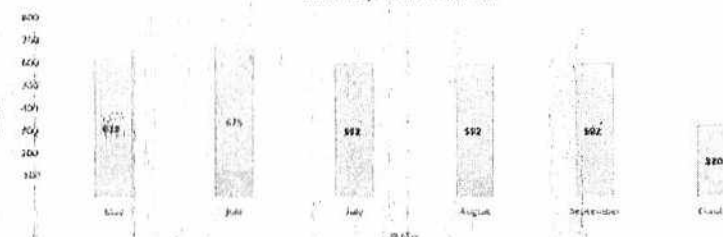
COD	18-Jan-18	Plant net Capacity(MW)	
Invoice Date	3-Mar-25	51.154	
Invoice Receiving Date	4-Mar-25		
Invoice Due Date	3-Apr-25	Load Factor	
Month	March	March	February
Thursday		61.03%	41.93%

		KE	SNPC	
Description	Formula	March	March	Variation
Total SNPC - I & II Generation	$U = A + B$	47,309,000	47,309,000	-
Total Loss	$V = U - C$	643,000	643,000	-
Total Loss %	$W = V / U$	1.36%	1.36%	0.00%
SNPC-II weightage (T3 & T4 %age output)	$Y = (B / U) \times 100$	50.23%	50.23%	0.00%
SNPC-I weightage (T1 & T2 %age output)	$X = (A / U) \times 100$	49.77%	49.77%	0.00%

Line Loss Allowed (<= 1.5%) SNPC Phase I	$AB = A \times (Z \times AA)$	320,039	320,039	-
Line Loss Share SNPC I (Rev)	$X = A \times X$	320,039	320,039	-
Line Loss Allowed SNPC (2%) at KE Grid 98%	$AA = C / 98\% \times X \times 2\%$	474,020	470,940	3,080

Line Loss % per day

Summary of Last 6 months



		NEPRA Indexed	NEPRA Indexed
Indexation Factor	Tariff Ref	Oct-Dec'24	Jan-Mar'25
Exchange Rate (Rs/USD)	101.72	278.050	278.85
US CPI - Foreign	237.111	314.796	315.43
CPI - Local	131.01	262.370	265.46

NEPRA/PAR-147/SNPCI-2015/15896-15900000 dt: October 22, 2024

NEPRA Indexed

SINDH
NOORIABAD
Power Company
(Pvt) Limited

TRANSMISSION LINE LOSS INVOICE

Bill To:

Mr. Amir Rizwan
Head of Bussinees Development
K-Electric Limited
Clifton, Karachi

Invoice No: KE/03/25/TLL-090

Invoice Date: 03-04-2025

Dear Sir,

We are furnishing our Transmission Line Loss Invoice for the month of March 2025 in accordance with section 9.5 (b) (ii) of Power Purchase Agreement.

TARIFF - Energy Purchase Price

Indexed Jan-Mar

2025

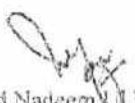
Fuel Cost Component - Heat Rate Degradation	8.6953
Variable O&M-Foreign	1.2438
Variable O&M-Local	0.7461
Energy Purchase Price	<u>10.6852</u>

2% Transmission Line Loss (MWH)	320
2% Transmission Line Loss SNPC (KWH)	320,038.91
Amount Receivable exclusive of Sales Tax	✓ 3,419,665
General Sales Tax @ 18%	✓ 615,540
Net Amount Receivable Inclusive of GST	<u>✓ 4,035,205</u>

Four Million Thirty Five Thousand Two Hundred Five Rupees and Zero Paisas Only.

NOTE: The Aforementioned Invoice has been Prepared as per Jan-Mar 2025 indexation based on the NEPRA determination, dated September 21, 2021, for the reference Tariff without taking into account the True-up allowed in the said determination. The difference in True-up Tariff and Reference Tariff will be invoiced upon approval of True-up Tariff by NEPRA.

Thanking You


Syed Nadeem Haque
Financial Controller

SALES TAX INVOICE

ORIGINAL

Invoice No

KE-00251

Date: 03-04-2025

Supplier's Name: SINDH NOORIABAD
POWER COMAPANY PVT LTD

Address: 23-A/II, Fatima Jinnah Road,
M.A.C.H.S.

Karachi

Tel. No/Fax No. 021 - 3454 0235 - 36

S. T. R # 17-00-4120-473-16

National Tax No. 4120473-5

Buyer's Name: K-Electric Limited

Address: PLOT 39-B, K-E HOUSE, SUNSET
BOULEVARD, PHASE-II, DEFENCE HOUSING
AUTHORITY, KARACHI.

Tel. No./Fax No.

S. T. R# 12-00-2716-007-28

National Tax No. 1543137-1

Q.No.	Description of Goods	Value Excluding Sales Tax	Sales Tax Payable @ 18%	Extra Tax @ 2%	Further Tax @ 1%	Value Including Sales Tax
	Transmission Line Loss Invoice from	3,419,665	615,540	-	-	4,035,205
	01-Mar-25 to 31-Mar-25 @ 18%			-	-	
	General Sales Tax.			-	-	
			-	-	-	-
			-	-	-	-
			-	-	-	-
	Total	3,419,665	615,540	-	-	4,035,205

Four Million Thirty Five Thousand Two Hundred Five Rupees and Zero Paisas Only.

Thanking You

Syed Nadeem Ali Haque
Financial Controller

K - Electric Limited

(Formerly Karachi Electric Supply Company Limited)

Incoming Bill Sticker

Vendor Code	153266	Vendor Name: SINDH NOORIABAD POWER COMPANY (Pvt.) Limited-II			
Vendor Bill Details		Energy Payment for March-2025			Initiated by
Invoice Date	3-Apr-25	Invoice Nos.	KE/03/25/EPP-089	Amount	295,114,861
Bill Receiving Date	3-Apr-25	P. O. No.	99 9745	G.R. No.	
					Signature / Name / Date

GL Account		CC	Tax Code	Order No.	Amount (In Full Rupees)	Remarks
					250,097,340	
				GST @ 18%	45,017,520	Energy Charges
						Mar '25
				Gross Amount	295,114,861	
Parking No.		Less :		Down Payment		
Parking Date				Other Adjustment		
Payment Due Date	3-May-25					
Checked & Posted by				Deduction		
				LD Charges		
				Net Amount	295,114,861	
				I. Tax		
Accounts Payable				Amount Payable		

Rupees:-

Document Forwarded to:		
Business Area / Department:	Addressee Name & Location:	Forwarded Date:

Verified By <i>adial</i>	Approved By <i>[Signature]</i> IRFAN AN PERVEZ Deputy General Manager SF Operations & Fuel Management K-ELECTRIC LIMITED	<i>[Signature]</i> AAMIR NIZAM DUNEAG Head of Fuel & PP Management K-ELECTRIC LIMITED	<i>FM</i> FAHAD MAZHAR Deputy Director SF Transmission & EQ K-ELECTRIC LIMITED
Signature / Name / Date	Authorized Signature	Functional Approval	FBA / COO *

[illegible]

² as per signature mandate

ENERGY PAYMENT INVOICE

Bill To:

Mr. Amir Rizwan
Head of Business Development
K-Electric Limited
Clifton, Karachi

Invoice No: KE/03/25/EPP-089

Invoice Date: 03-04-2025

Dear Sir,

We are furnishing our Energy Purchase Invoice for the month of March 2025 in accordance with section 9.5 (b) (ii) of Power Purchase Agreement.

TARIFF - Energy Purchase Price

Indexed Jan-Mar 2025

Fuel Cost Component - Heat rate degradation	8.6302
Variable O&M-Foreign	1.2438
Variable O&M-Local	0.7461
Energy Purchase Price	10.6701

Total Electrical Output (MWH)	23,439
Total Electrical Output (KWH)	23,439,039
Amount Receivable exclusive of Sales Tax	250,097,340
General Sales Tax @ 18%	45,017,521.12
Net Amount Receivable Inclusive of GST	295,114,861

Two Hundred Ninety Five Million One Hundred Fourteen Thousand Eight Hundred Sixty One Rupees and No Paisas

NOTE: The Aforementioned Invoice has been Prepared as per Jan - Mar 2025 indexation based on the NEPRA determination, dated September 21, 2021, for the reference Tariff without taking into account the True-up allowed in the said determination. The difference in True-up Tariff and Reference Tariff will be invoiced upon approval of True-up Tariff by NEPRA.

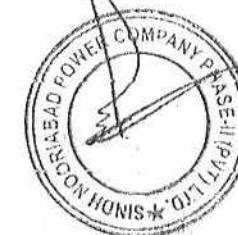
Thanking You


Syed Nadeem U Haque
Financial Controller

SNPC - 2 Heat Rate Degradation Working

S. No.	Month/Year	Running Hours Complex	Accumulated Running Hour	EPP Units Billed	TLL Units Billed	Units Billed	Revised Reference HR	Reference Gas Price	Revised Reference FCC	Degradation FACTOR	Degraded HR	Revised FCC
						kWh	Btu/kWh	Rs./MMBtu	Rs./kWh		Btu/kWh	Rs./kWh
1	Mar-25	461.165	47,587.226	23439039	322961	23762000	8143.699	1050	8.5509	0.9851	8266.8754	8.6802

513,750,150 8,717,297 522,467,447



APPENDIX A: SNPC II - Curve for degradation in Heat Rate owing to Operating losses.

Running Hours	PPA Year	Heat Rate Degradation	Permanent Heat rate Degradation	Recoverable Heat rate Degradation	Heat Rate	Net Efficiency (LHV)	Correction Factor
Hrs	No	%	%	%		Initial (%)	Revised (%)
8000	1	0.50	0.00	0.50			
16000	2	1.00	0.50	1.00			
24000	3	1.50	0.50	1.50	7430.08	45.99	
32000	4	2.00	0.50	2.00	7494.20	45.89	45.53
40000	5	2.50	0.50	2.50	7531.30	45.89	45.31
48000	6	3.00	0.50	3.00	7494.20	45.89	45.63
56000	7	3.50	0.50	3.50	7531.30	45.89	45.31
64000	8	4.00	0.50	4.00	7494.20	45.89	45.63
72000	9	4.50	0.50	4.50	7531.30	45.89	45.31
80000	10	5.00	0.50	5.00	7494.20	45.89	45.63
88000	11	5.50	0.50	5.50	7531.30	45.89	45.31
96000	12	6.00	0.50	6.00	7494.20	45.89	45.63
104000	13	6.50	0.50	6.50	7531.30	45.89	45.31
112000	14	7.00	0.50	7.00	7494.20	45.89	45.63
120000	15	7.50	0.50	7.50	7531.30	45.89	45.31
128000	16	8.00	0.50	8.00	7494.20	45.89	45.63
136000	17	8.50	0.50	8.50	7531.30	45.89	45.31
144000	18	9.00	0.50	9.00	7494.20	45.89	45.63
152000	19	9.50	0.50	9.50	7531.30	45.89	45.31
160000	20	1.00	0.70	0.80	7501.62	45.99	45.49
168000	21	1.10	0.70	0.80	7501.62	45.99	45.49
176000	22	1.20	0.70	0.80	7501.62	45.99	45.49
184000	23	1.30	0.70	0.80	7501.62	45.99	45.49
192000	24	1.40	0.70	0.80	7501.62	45.99	45.49
200000	25	1.50	0.70	0.80	7501.62	45.99	45.49

*Values given under the column represents the net efficiency measured on 21/01/2020.

Watelec Limited
Sindh Noorlabad Power Company Ltd Phase II
Current Agreement Year - 5
Energy Payment
Invoice No. NR/01/25/CPF-001
HTO No. 99-

Sindh Noorlabad Power Company Ltd Phase II | Energy Payment | March 2025

	Main		Each-up		Variation
Meter Reading - SNPC I	HTO-5487	HTO-5489	HTO-5496	HTO-5500	
Present - Kwh	1,427,765,000	1,084,097,000	1,428,656,000	1,087,675,000	
Previous - Kwh	1,114,192,000	1,074,123,000	1,415,072,000	1,072,725,000	
Total Units - Kwh	11,573,000	9,974,000	11,554,000	9,970,000	
SNPC I - Generation (Kwh)	A	23,547,000		23,554,000	-0.03%

Meter Reading - SNPC II	HTO-5501	HTO-5502	HTO-5503	HTO-5504	
Present - Kwh	1,076,292,000	1,379,963,000	1,052,697,000	1,179,017,000	
Previous - Kwh	1,194,228,000	1,368,225,000	1,070,670,000	1,167,257,000	
Total Units - Kwh	12,004,000	11,750,000	11,987,000	11,760,000	
SNPC II - Generation (Kwh)	B	23,762,000		23,745,000	0.07%

Meter Reading - KDA Grid	HTO-6016	HTO-6018	HTO-6017	HTO-6019	
Present - Kwh	2,636,471,000	2,255,380,000	2,636,332,000	2,254,522,000	
Previous - Kwh	2,613,194,000	2,232,494,000	2,613,054,000	2,231,544,000	
Total Units - Kwh	23,280,000	22,495,000	22,882,000	22,370,000	
KDA Grid (Kwh)	C	46,646,000		46,659,000	0.02%

Description	Formula	March	March	Diff	Variation
SNPC-I weightage	P	30.29%	30.29%	0.00%	0.00%
Energy Units billed SNPC Phase II	$AC = C \times K$	23,439,034	23,439,034	-	0.00%
Fixed Cost Component (Rs/h)	$Y = (D \times Y) / L$	8.3802	8.3802	-	0.00%
Variable O&M Foreign (Rs/h)	$R = J \times (M / L) \times (I / P)$	1.2416	1.2416	-	0.00%
Variable O&M Local (Rs/h)	$S = K \times (D / N)$	0.7463	0.7463	-	0.00%
Energy Rate - Rs/Kwh	$T = Y + R + S$	10.6701	10.6701	-	0.00%
Total Energy Payment SNPC Phase II	$AD = AC \times T$	250,097,292	250,097,292	-	0.00%
10% GST	$AE = AD \times 10\%$	45,017,513	45,017,513	-	0.00%
Net Payable	$AF = AD + AE$	295,114,805	295,114,805	-	0.00%

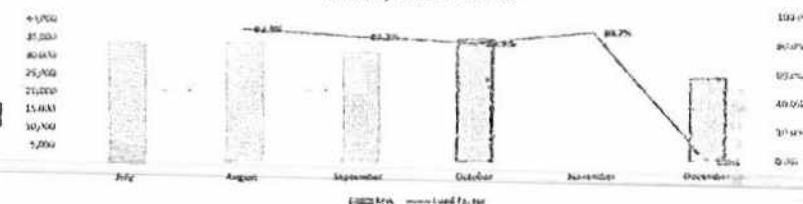
295,114,805

295,114,805

COG	23 Jan-18	Plant net Capacity(MW)	
Invoice Date	28 Feb-25	51.52%	
Invoice Receiving Date	1 Apr-25		
Due Date (90 days)	1 Apr-25	Load Factor	
Month	March	March	February
Thursday		65.36%	40.65%

Description	Formula	AS PER RE		AS PER SNPC		Variation
		March	March	March	March	
Total SNPC - I & II Generation	$U = A + B$	47,309,000	47,309,000			-
Total Loss	$V = U - C$	643,000	643,000			-
Total Loss %	$W = V / U$	1.36%	1.36%			0.00%
SNPC-II weightage (T3 & T4 Stage output)	$Y = (B / U) \times 100$	50.23%	50.23%			0.00%
SNPC-I weightage (T1 & T2 Stage output)	$Z = (A / U) \times 100$	49.77%	49.77%			0.00%
Line Loss Allowed (<= 1.5%) SNPC Phase II	$AB = AB_1 (Z \& AA)$	322,926	322,926			-
Line Loss Share SNPC-I (Act)	$Z = B \times X$	322,926	322,926			-
Line Loss Allowed SNPC-I (2%) at RE Grid 98%	$AA = C / 20\% \times E \times 2\%$	478,345	478,345			3.10%

Summary of Last 6 months



Indexation Factor	Tariff Ref	Oct-Dec-24	Jan-Mar-25
Exchange Rate (Rs/USD)	161.72	278.050	278.850
US CPI - Foreign	337.111	314.798	315.493
CPI - Local	131.63	262.320	265.400

NEPRA/PAR-147/SNPCI-2015/159000 dt October 22, 2024

NEPRA Index

**K - Electric Limited**

(Formerly Karechi Electric Supply Company Limited)

Incoming Bill Sticker

Vendor Code	153266	Vendor Name: SINDH NOORIABAD POWER COMPANY (Pvt.) Limited-II			
Vendor Bill Details		Transmission Line Loss Payment for March-2025			Initiated by
Invoice Date	3-Apr-25	Invoice Nos.	KE/03/25/TLL-090	Amount	4,066,319
Bill Receiving Date	3-Apr-25	P. O. No.	49-9748	G.R. No.	
					Signature / Name / Date

Bill Verification Details					
GL Account	CC	Tax Code	Order No.	Amount (In Full Rupees)	Remarks
				3,446,033	SNPC-II Trans Line Loss Mar '25
			GST @18%	620,285	
			Gross Amount	4,066,319	
Parking No.		Less :	Down Payment		
Parking Date			Other Adjustment		
Payment Due Date	3-May-25				
Checked & Posted by			Deduction		
			LD Charges		
			Net Amount	4,066,319	
			I. Tax		
Accounts Payable			Amount Payable		

Rupees:-

Document Forwarded to:		
Business Area / Department:	Addressee Name & Location:	Forwarded Date:

Verified By 	Approved By 	EM	
Signature / Name / Date	Authorized Signature ARSALAN PERVEZ Deputy General Manager PP Operations & Fuel Management K-ELECTRIC LIMITED	Functional Approval FAHAD MAZHAR Deputy Director SF Transmission & BD K-ELECTRIC LIMITED	FBA / COO *

Payment Particulars

Payment Doc. No	Date	Bank	Cheque No	Cheque Date	Amount (In Full Rupees)

* as per signature mandate

K-Electric Limited
Sindh Noorabad Power Company Ltd Phase - II
Current Agreement Year - 5
Line Losses Payment
Invoice No. KE /01/25/TLL-089
TPO No. 50

Sindh Noorabad Power Company Ltd Phase - II | Line Losses Payment | March 2025

	ASKE		Back-up		Variation
Meter Reading - SNPC I	HTO-5497	HTO-5499	HTO-5498	HTO-5500	
Present - Kwh	1,417,765,000	1,464,997,000	1,413,566,000	1,687,595,000	
Previous - Kwh	1,414,193,000	1,074,323,000	1,415,072,000	1,072,725,000	
Total Units - Kwh	13,572,000	9,974,000	13,544,000	9,970,000	
		23,547,000		23,554,000	0.03%

Meter Reading - SNPC II	HTO-5502	HTO-5504	HTO-7622	HTO-5508	
Present - Kwh	1,079,277,000	1,379,993,000	1,082,655,000	1,378,017,000	
Previous - Kwh	1,004,288,000	1,368,235,000	1,070,670,000	1,367,257,000	
Total Units - Kwh	22,004,000	11,758,000	12,945,000	11,760,000	
SNPC II - Generation (Kwh)		23,762,000		23,745,000	0.07%

Meter Reading - KDA Grid	HTO-6016	HTO-6018	HTO-6017	HTO-6019	
Present - Kwh	2,630,474,000	2,255,900,000	2,616,335,000	2,734,322,000	
Previous - Kwh	2,618,194,000	2,232,494,000	2,613,054,000	2,731,544,000	
Total Units - Kwh	23,780,000	23,366,000	23,282,000	23,378,000	
KDA Grid (Kwh)		46,666,000		46,659,000	0.07%

Description	Formula	KE		SNPC		Diff	Variation
		March	March	March	March		
SNPC-II Line losses weightage	AB	322,961	322,961			-	0.00%
Fuel Cost Component (Rev)	$T = (D \times H) / E$	8,6803	8,6802			-	0.00%
Variable O&M Foreign (Rev)	$R = J \times (M / I) \times (Q / P)$	1,2438	1,2438			-	0.00%
Variable O&M Local (Rev)	$S = K \times (O / N)$	0,7461	0,7461			-	0.00%
Energy Rate - Rs / Kwh	$T = I + R + S$	10,6701	10,6701			-	0.00%
Total Line Loss Payment SNPC Phase B	d	1,446,033	1,446,033			-	0.00%
18% GST	$AE = AD \times 18\%$	670,286	670,286			-	0.00%
Net Payable	$AF = AD + AE$	4,065,319	4,065,319			-	0.00%

4,065,319

QDO	25-Jan-18	Joint net Capacity (MW)	
Invoice Date	28-Feb-25		51.526
Invoice Receiving Date	3-Apr-25		
Due Date (30 days)	3-May-25		
Month	March	March	February
	Saturday	CS 36%	40.65%

Description	Formula	AS PER KE		AS PER SNPC		Variation
		March	March	March	March	
Total SNPC - J A II Generation	$U = A + B$	47,309,000	47,309,000			-
Total Loss	$V = U - C$	643,000	643,000			-
Total Loss %	$W = V / U$	1.36%	1.36%			0.00%
SNPC II weightage (T3 & T4 Stage output)	$Y = (B / U) \times 100$	50.24%	50.23%			0.00%
SNPC I weightage (T1 & T2 Stage output)	$X = (A / U) \times 100$	49.77%	49.77%			0.00%
Line Loss Allowed < 1.55% SNPC Phase 2	$AB = Min (Z \& A')$	322,961	322,961			-
Line Loss SNPC I (Act)	$Z = B \times X$	322,961	322,961			-
Line Loss Allowed SNPC I (2%) at KE Grid side	$AA = C / 50\% \times X \times 2\%$	478,368	478,240			3,108

Summary of Last 6 months



Indexation Factor	Target 8.0%	Oct-Dec'24	Jan-Mar'25
Change Rate (Rs./USD)	101.73	278,050	278,850
US CPI - Foreign	237.111	314,796	315,491
CPI - Local	231.01	287,370	285,400

KE/PA/SAR-147/SNPCI-1012/1826-1590/02 of October 22, 2024

1,458A In/In

K-Electric Limited

Sindh Nooriabad Power Company Ltd Phase - II

Current Agreement Year - 5

Line Losses Payment

Invoice No. KE /02/25/721-089

WPD No: 59-

Sindh Nooriabad Power Company Ltd Phase - II | Line Losses

Meter Reading - SNPC I	Main	
	HTD-5497	HTD-5499
Present - Kwh	1,427,765,000	1,084,09
Previous - Kwh	1,414,192,000	1,074,12
Total Units - Kwh	13,573,000	9,97
A		23,54

Meter Reading - SNPC II		
	HTD-5501	HTD-550
Present - Kwh	1,096,292,000	1,379,76
Previous - Kwh	1,084,208,000	1,269,22
Total Units - Kwh	12,084,000	11,75
SNPC II - Generation (Kwh)	B	23,74

Meter Reading - KDA Grid		
	HTD-6016	HTD-60
Present - Kwh	2,636,474,000	2,255,8
Previous - Kwh	2,613,194,000	2,232,4
Total Units - Kwh	23,280,000	23,20
KDA Grid (Kwh)	C	46,64

Description	Formula	KE		SNPC
		March	March	
SNPC-II Line losses weightage	AB	322,961		3
Fuel Cost Component (Rev)	$I = (D \times H) / E$	5,6802		
Variable O&M Foreign (Rev)	$R = I \times (M / L) \times (Q / P)$	1,2438		
Variable O&M Local (Rev)	$S = K \times (C / N)$	0,7461		
Energy Rate - Rs./Kwh	$T = I + R + S$	10,6701		
Total Line Loss Payment SNPC Phase II	d	3,446,033		3,4
18% GST	$AE = AD \times 18\%$	620,286		6
Net Payable	$AF = AD + AE$	4,066,319		4,0

4,066,319

TRANSMISSION LINE LOSS INVOICE

Bill To: Mr. Amir Rizwan Head of Business Development K-Electric Limited Clifton, Karachi
--

Invoice No: KE/03/25/TLL-090
 Invoice Date: 03-04-2025

Dear Sir,

We are furnishing our Transmission Line Loss Invoice for the month of March 2025 in accordance with section 9.5 (b) (ii) of Power Purchase Agreement.

	Indexed Jan-Mar 2025
TARIFF - Energy Purchase Price	
Fuel Cost Component - Heat rate degradation	8.6802
Variable O&M-Foreign	1.2438
Variable O&M-Local	0.7461
Energy Purchase Price	10.6701
2% Transmission Line Loss (MWH)	323
2% Transmission Line Loss SNPC (KWH)	322,961
Amount Receivable exclusive of Sales Tax	3,446,033
General Sales Tax @ 18%	620,285.94
Net Amount Receivable Inclusive of GST	4,066,319

Four Million Sixty Six Thousand Three Hundred Nineteen Rupees and No Paisas

NOTE: The Aforementioned Invoice has been Prepared as per Jan - Mar 2025 indexation based on the NEPRA determination, dated September 21, 2021, for the reference Tariff without taking into account the True-up allowed in the said determination. The difference in True-up Tariff and Reference Tariff will be invoiced upon approval of True-up Tariff by NEPRA.

Thanking You


 Syed Nadeem Ali Haque
 Financial Controller

Incoming Bill Sticker

Vendor Code	453444	Vendor Name	OURSUN Pakistan Limited		
Vendor Bill Details		Energy Payment for March-2025			
Invoice Date	3-Apr-25	Invoice Nos.	EN/2025/92	Amount	338,647,773
Bill Receiving Date	3-Apr-25	P. O. No.	99-9726	G.R. No.	

Bill Verification Details					
GL Account	CC	Tax Code	Order No.	Amount (In Full Rupees)	Remarks
EAB023	220040000		Energy Amount	266,989,638	Energy Charges Mar 25
APD010			GST @ 18%	51,858,135	
			Gross Amount	338,647,773	
Parking No.		Leads:	Insurance Deduction		
Parking Date			APMV Deduction		
Payment Due Date	3-May-25		Dispute Other Income		
Checked & Posted by			GST @ 18%		
			Leads ST		
			Net Amount	338,647,773	
			L.Tax		
			Amount Payable		
Accounts Payable					

Rupees:-		
Document Forwarded to:		
Business Area / Department:	Addressee Name & Location:	Forwarded Date:

Verified By	Approved By	Authorized Signatures	FBA / COO *
Signature / Name / Date	Signature / Name / Date	Signature / Name / Date	Signature / Name / Date

Payment Particulars					
Payment Doc. No.	Date	Bank	Cheque No.	Cheque Date	Amount (In Full Rupees)

* as per signature mandata



April 03, 2025

K-Electric Limited (the "Purchaser" or "KE")
KE House, 39-B, Sunset Boulevard
Phase II, Karachi

Attention: Chief Executive Officer

Re:

Re: Payment Invoice March-2025 – KE's Customer ID: 153444

Dear Sirs:

This refers to the Energy Purchase Agreement dated June 7, 2017 (the "EPA") entered into between oursun Pakistan Limited and K Electric Limited. Capitalized terms used herein, unless defined herein, shall have the same meanings as ascribed to them in the EPA.

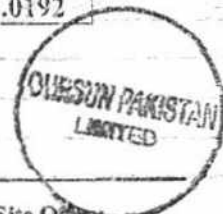
Please find attached our Energy/Payment invoice EN/2025/92 dated 03rd April, 2025 in terms of Section 9.4 of the EPA.

Please note that in terms of the EPA, the Purchaser is obligated to pay the Seller the amount shown on the invoice on or before the thirtieth (30th) Day following the Day the invoice is received by the Purchaser.

Energy Price used to calculate the Energy Payment is based of NEPRA approved Jan-Mar-2025 quarterly indexation/adjustment Ref No. NEPRA/R/ADO (Trf)/TRF-363/OSPL-2016/3303-07 dated March 04, 2025, and Insurance Component of the Energy Price is, however, based on NEPRA approved Indexation Order Tariff for the period November 30, 2024 to November 29, 2025 Ref No. NEPRA/R/DG (Trf)/TRF-363/OSPL-2016/3794-98 dated March 13, 2025.

Tariff components, used for the Energy Payment are as follows:

Tariff Component	Reference	Rs. /kW
Fixed O & M -Local ✓	NEPRA Approved relevant Indexation	3.3352
Fixed O & M -Foreign ✓	NEPRA Approved relevant Indexation	1.8614
Return on Equity ✓	NEPRA Approved relevant Indexation	9.9403
Principal repayment of Debt Foreign	NEPRA Approved relevant Indexation	4.8650 ✓
Interest-Foreign ✓	NEPRA Approved relevant Indexation	1.7984 ✓
Principal repayment of Debt-Local	NEPRA Approved relevant Indexation	5.1293 ✓
Interest-Local ✓	NEPRA Approved relevant Indexation	3.3360 ✓
Insurance ✓	NEPRA Approved True-up	0.7536
Total		31.0192



Head Office:

10 Ali Block, New Garden Town, Lahore - Pakistan
Tel: (+92 42) 35911050-2, 35911164-67
Fax: +92 42 35911168

Oursun Pakistan Limited

Site Office:

5.6-KM, Sindh Coastal Highway off
National Highway (N-5, Filter Stop),
near Charo district Thatta, Sindh.



Coursun Pakistan Limited
10 Ali Block, New Garden Town
Lahore, Pakistan
Tel: +92 42 35911050-2

SALES TAX INVOICE/PAYMENT INVOICE

Customer: K Electric Limited
KE's ID for OPL: 153414
NTN: 1543 37 1
STN: 1200 1600723
Address: Plot 39-B, K5 Youngs School
Boulevard Phase II, Karachi

NTN: 4432723-4
STN: 3277876137863
Invoice period From: March 1, 2025 12:00 AM
To: March 31, 2025 11:59 PM
Invoice Date: April 03, 2025
Invoice No: 04/2025/92

Energy delivered

Meter No: HTD-7905

- a. Previous Meter Reading
- b. Present Meter Reading
- c. Energy delivered per meter
- d. Multiplying factor
- e. Energy delivered

	266,367.00 MWh
	274,640.00 MWh
a-b	7,573.00 MWh
	1,000.00
A=c*d	7,573,000.00 kWh

Meter No: HTD-7906

- a. Previous Meter Reading
- b. Present Meter Reading
- c. Energy delivered per meter
- d. Multiplying factor
- e. Energy delivered

	277,176.00 MWh
	278,057.00 MWh
a-b	1,679.00 MWh
	1,000.00
B=c*d	1,679,000.00 kWh

Total Energy delivered

A+B 9,252,000.00 kWh

Invoice for the energy delivered

- a. Energy delivered
- b. Energy Price
- c. Energy charges
- d. Sales tax on energy charges
- e. Energy Payment

	9,252,000.00 kWh
	1.019 Rs./kWh
a*b	288,980,638.00 Rs.
18.00%	51,658,135.00 Rs.
a+c+d	338,647,773.00 Rs.

NOTE

- (1) Please note that under the EPA section 9.5 (i) payment of this invoice to be processed on or before the thirtieth (30th) day following the day the invoice is received by the Purchaser
- (2) Please note that the income of the company is exempt from income tax under clause 132 of Part-I of second schedule of Income Tax Ordinance, 2001. Therefore, tax deduction at source is not applicable.
- (3) Energy Price used to calculate the Energy Payment is based on NEPA approved Jan-Mar-2025 quarterly indexation/adjustment Ref No. NEPA/R/ADG (Trf)/TRF-363/OSPL-2016/3303-07 dated March 04, 2025. Furthermore, Insurance component of the Energy price is based on NEPA approved indexation order Tariff for the period November 30, 2024 to November 23, 2025 Ref No NEPA/R/ADG (Trf)/TRF-363/OSPL-2016/3794-98 dated March 13, 2025.
- (4) Meter reading with Photographs of the metering system for the period ending is attached.



Signature

For and on behalf of
Coursun Pakistan Limited

CC/Escrow Agent: MCB Bank Limited, 9th Floor, MCB Tower, ul Chundrigar Road, Karachi (Attention: Imran Siddiqui)
Attention: Imran Siddiqui
(In terms of Section 3.3 of the Escrow Agreement dated August 08, 2017.)

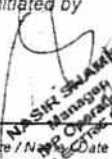
Head Office:
10 Ali Block, New Garden Town, Lahore - Pakistan
Tel: (+92 42) 35911050-2, 35911164-67
Fax: +92 42 35911168

Coursun Pakistan Limited

Site Office:
5.6-KM, Sindh Coastal Highway off
National Highway (N-5, Filter Stop),
near Gharo district Thatta, Sindh.

K - Electric Limited (Formerly Karachi Electric Supply Company Limited)

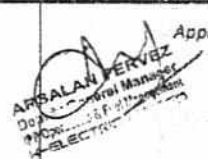
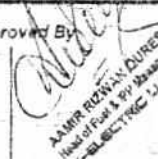
Incoming Bill Sticker

Vendor Code	153673	Vendor Name: GHARO SOLAR LIMITED			
Vendor Bill Details		Energy Payment for March-2025			Initiated by  NASIR SHAHID Manager Finance K-ELECTRIC LIMITED
Invoice Date	31-Mar-25	Invoice Nos.	GSL/CINV/25-04	217,318,426	
Bill Receiving Date	7-Apr-25	P. O. No.	99-9718	G.R. No.	
Signature / Name / Date					

Bill Verification Details						
GL Account	CC	Tax Code	Order No.	Amount (In Full Rupees)	Remarks	
EAB025	220040000			184,168,158	Energy Charges Mar-25	
		GST @18%		33,150,268		
			Gross Amount	217,318,426		
Parking No.		Less : Down Payment NPMV Deduction Deduction Deduction of ST LD Charges Net Amount I.Tax Amount Payable				
Parking Date						
Payment Due Date	7-May-25					
Checked & Posted by						
Accounts Payable						
				217,318,426		

Rupees:-

Document Forwarded to:		
Business Area / Department:	Addressee Name & Location:	Forwarded Date:

Verified By  Signature / Name / Date	Approved By  ARSALAN PERVEZ General Manager K-ELECTRIC LIMITED Technical	 AMIR RUMAY DURESH Head of Finance & Accounts K-ELECTRIC LIMITED Commercial	FM  FAHAD MAZHAR Deputy Director BF Transaction & BD K-ELECTRIC LIMITED Functional Approval	 MUHAMMAD AMRUL BAKSH JGM Business Finance - BD K-ELECTRIC LIMITED FBA / CCO *
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Payment Particulars					
Payment Doc. No	Date	Bank	Cheque No.	Cheque Date	Amount (In Full Rupees)

* as per signature mandate

GHARO SOLAR LIMITED

114-CC2, Phase-6C, DHA, Lahore.

Ph: 042 38020444

Commercial Invoice

Chief Executive Officer,
K-Electric Limited
KE House, 39B, Sunset Boulevard,
Phase II, Karachi

Invoice No.: GSL/KE/CINV/25-04

Invoice Date: March 31, 2025

Invoice for Energy Payment for the month of March 2025 pursuant to Section 9.4(a)(i) of Energy Purchase Agreement (the 'EPA') dated September 26, 2018

O&M (Local)					Rs./kWh
O&M (Foreign)					0.9885
Return on Equity					1.3913
ROEDC					4.3694
Debt Servicing (Foreign)					0.4792
Debt Servicing (Local)					7.3438
Energy Price				a	2.4316
Monthly Meter Reading 31-03-2025					17.0038
	Present	Previous MWh	Difference	Multiplying Factor	kWh
Transformer 1	271,073	265,715	5,358	1,000	5,358,000
Transformer 2	275,487	270,014	5,473	1,000	5,473,000
Net Delivered Energy					10,831,000
Non-Project Missed Volume				b	10,831,000
Energy Payment (excl. sales tax)				c = (a x b)	Rs. 184,168,158
Sales Tax @ 18%				d = (c x 18%)	33,150,268
Total Payable					217,318,426

Notes: Tariff for the period from Mar 01, 2025 to Mar 31, 2025 does not include the insurance component, the differential for the insurance shall be billed separately.

Annexures

- Annex A: Monthly Meter Reading Certificate
- Annex B: NEPRA Tariff Determination No. NEPRA/R/ADG(Trf)/TRF-534/GSL-2020/3037-41 dated February 26, 2025
- Annex C: Block-Wise Energy Calculation

Payment Terms

- Payment of this invoice shall be made in full on or before the due date i.e., May 05, 2025
- Please transfer the payment in our Bank Account No. 0028-1006603473, Titled Ghara Solar Limited Revenue A/c of Bank Alfalah Limited (Branch: Corporate & Investment Banking, 115-E-1, Hali Road, Gulberg III, Lahore)
- This payment is exempt from Income Tax Withholding under SRO 586(I)/91 dated June 30, 1991
- This payment is exempt from Sales Tax withholding under the Rule 5 of Sales Tax Special Procedure (Withholding) Rules 2007

Rana Uzair Nasim
Chief Executive Officer



CC:

- Director (Business Development), K-Electric Limited, KE House, 39B, Sunset Boulevard, Phase II, Karachi
- Mr. Imran Siddiqui, MCB Bank Limited (As Escrow Agent), 9th Floor, MCB Tower, I.I Chundrigarh Road, Karachi

GHARO SOLAR LIMITED

114-CC2, Phase-6C, DHA, Lahore.

Ph: 042 38020444

Sales Tax Invoice

Invoice No.: GSL/KE/SINV/25-04
Invoice Date: March 31, 2025

Recipient: K-Electric Limited KE House, 39B, Sunset boulevard, Phase II, Karachi NTN #: 1543137-1 STR #: 1200-2716-007-28	Supplier: Gharo Solar Limited 114-CC2, Phase 6C, DHA, Lahore NTN #: 7301027-2 STR #: 3277-8761-500-87
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Invoice for Energy Payment for the month of March 2025 pursuant to Section 9.4(a)(iv) of Energy Purchase Agreement dated September 26, 2018 (the 'EPA')

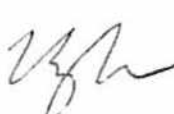
Description	Quantity (kWh)	Energy Price (Rs./kWh)	Value Excl. Sales Tax (Rs.)	Sales Tax @ 18% (Rs.)	Value Incl. Sales Tax (Rs.)
Supply of Electric Power - Em-Block 1	10,831,000	17.0038	184,168,158	33,150,268	217,318,426
Total	10,831,000		184,168,158	33,150,268	217,318,426

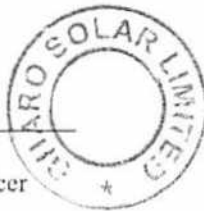
In Words: Pak Rupees Two Hundred Seventeen Million Three Hundred Eighteen Thousand Four Hundred and Twenty Six Only

Payment Terms

1. Payment of this invoice shall be made in full on or before the due date i.e., **May 05, 2025**
2. Please transfer the payment in our following bank account

Account No.:	0028-1006603473
Account Title:	Gharo Solar Limited Revenue A/c
Bank:	Bank Alfalah Limited
Branch:	Corporate & Investment Banking, 115-E-1, Hali Road, Gulberg III, Lahore
3. This payment is exempt from Income Tax Withholding under SRO 586(1)/91 dated June 30, 1991
4. This payment is exempt from Sales Tax withholding under the Rule 5 of Sales Tax Special Procedure (Withholding) Rules 2007


Rana Uzair Nasim
Chief Executive Officer



**K - Electric Limited**

(Formerly Karachi Electric Supply Company Limited)

Incoming Bill Sticker

Vendor Code	103513	Vendor Name: Lucky Cement Limited				
Vendor Bill Details		Energy Payment - March-2025			Initiated by Signature / Name / Date	
Invoice Date	15-Apr-25	Invoice No.	93623105	Amount		10,467,354
Bill Receiving Date	15-Apr-25	P. O. No.	99-	G.R. No.		

Bill Verification Details					
GL Account	CC	Tax Code	Order No.	Amount (In Full Rupees)	Remarks
EAB046	220040000			6,870,639	<u>Energy Charges</u> <u>Mar'25</u>
			GST 18%	1,596,715	
			Gross Amount	10,467,354	
Parking No.		Less :			
Parking Date			Dispute		
Payment Due Date	15-May-25				
Checked & Posted by					
Accounts Payable					
			Net Amount	10,467,354	
			Tax		
			Amount Payable		

Rupees:-

Document Forwarded to:		
Business Area / Department:	Addressee Name & Location:	Forwarded Date:

Verified By Signature / Name / Date	Approved By Signature / Name / Date	FM Signature / Name / Date	FBA / COO *
Technical	Commercial	Functional Approval *	

Payment Particulars					
Payment Doc. No.	Date	Bank	Cheque No.	Cheque Date	Amount (In Full Rupees)

* as per signature mandate



SALES TAX INVOICE

Sales Tax Registration No. 05-03-2523-001-28 National Tax Number 0009807-8

Invoice No. :

90623105

Invoice Date :

April 15, 2025

Buyer's Name :

M/S. K- Electric Limited

Address :

KE House, 39-B, Sunset Boulevard, Phase II, D.H. A, Karachi

Sales Tax Registration No. :

1200271600728

NTN No. :

1543137-1

Units (In KWH)	Description	Rate	Amount Excluding GST	GST @ 18%	Amount Including GST
262,000	Electric Power (From March 1st to March 31st 2025)	33.8574	8,870,639	1,596,715	10,467,354

Total Amount in Words (Rupees): Ten Million Four Hundred Sixty Seven Thousand Three Hundred and Fifty Four Only.

10,467,354

Note :

No with-holding tax shall be deducted as per SRO No.586(I)/91 dated June 30, 1991

* The government imposed a PKR 791/MMBTU Grid Levy on CPPs through Off the Grid (Captive Power Plants) Levy Ordinance, 2025 (dated Jan 30, 2025). Since it was not reflected in the March 2025 SGC bill, it is excluded from this invoice and will be included if billed later.

Terms of Payment

Please make payment payable to Lucky Cement Limited as per contract agreement

The payment has to be made within 30 days and after allowing grace period of 3 days, Late Payment Surcharge-LPS will be charged @ [KIBOR (03 Month) + 1%] per month, as per Clause 5.2 of the Power Acquisition Contract.

Authorized Signatory
Muhammad Faisal Maqsood
Senior Manager Finance & Accounts

Lucky Cement Limited

6-A, Mohammad Ali Housing Society, A. Aziz Hashim Tabba Street, Karachi-75350.

U.A.N: 111-786-555 F: 34534302 E: info@lucky-cement.com

URL: www.lucky-cement.com





ENERGY SALE INVOICE

Sales Tax Registration No. 05-03-2523-001-28 National Tax Number 0009807-8

Invoice No:

93623105

Date

15 April 2025

K- Electric Limited
KE House, 39-B, Sunset Boulevard
Phase II, D.H.A.
Karachi
Sales Tax Registration No.; 1200271600728
NTN; 1543137-1

Energy Sale Invoice for the Month of March '2025

				KWH DELIVERED
Meter Reading as on 01-April 2025				11,011,000
Meter Reading as on 01-March-2025				10,749,000
Units Consumed in the month				262,000

			Rate per Unit	Total Amount - PKR
1	Fuel Cost Component	3568.61		
		3992.64	35.101	31.3732
2 (a)	Variable O&M			8,219,778
2 (b)	Fixed O&M		1.1190	293,178
3	Insurance		0.8714	228,307
4	Return On Equity -ROE		0.1067	27,955
			0.3871	101,420
Total Amount Excluding GST *			33.8574	8,870,639
GST @ 18%				1,596,715
Total Amount Including GST				10,467,354

Total Amount in Words (Rupees): Ten Million Four Hundred Sixty Seven Thousand Three Hundred and Fifty Four Only.

Note: No with-holding tax shall be deducted as per SRO No.586(I)/91 dated June 30, 1991

* The government imposed a PKR 791/MMBTU Grid Levy on CPPs through Off the Grid (Captive Power Plants) Levy Ordinance, 2025 (dated Jan 30, 2025). Since it was not reflected in the March 2025 SSGC bill, it is excluded from this invoice and will be included if billed later.

Terms of Payment

The payment has to be made within 30 days and after allowing grace period of 3 days, Late Payment Surcharge-LPS will be charged @ [KIBOR (03 Month) + 1%] per month, as per Clause 5.2 of the Power Acquisition Contract.

For Lucky Cement Limited

- Encl:
- a) Sales Tax Invoice # 93623105
 - b) Reading Sheet
 - c) SSGC paid Bill March 2025

Authorized Signatory
Muhammad Faisal Maqsood
Senior Manager Finance & Accounts

Lucky Cement Limited
6-A, Mohammad Ali Housing Society, A. Aziz Hashim Tabba Street, Karachi-75350.
U.A.N: 111-786-555 F: 34534302 E: info@lucky-cement.com
URL: www.lucky-cement.com



R/o 17/4/25

IPPs Meter Readings - March 2025

IPP	Generation			As per FCA Claim
	1-Mar-25	1-Apr-25	1-Mar-25	
	B	B	C = B - A	
SNPC				
Transformer 1	2,613,194	2,636,474	23,280	
Transformer 2	2,232,494	2,255,880	23,386	
			46,666	46,666
FPCL				
HTO 8030	724,601	744,911	20,310	
			20,310	20,310
Lucky				
Transformer 1	9,641	9,903	262	
			262	262
Gharo				
Transformer 1	265,715	271,073	5,358	
Transformer 2	270,014	275,487	5,473	
			10,831	10,831
ISL				
Meter 1	71,318	71,797	479	
Meter 2	57,197	57,589	392	
			871	871
Oursun				
Transformer 1	266,867	274,440	7,573	
Transformer 2	277,178	278,857	1,679	
			9,252	9,252

IPP	Generation			As per FCA Claim
	1-Mar-25	1-Apr-25	1-Mar-25	

NTDC

KDA - Import - Line 1	(913,187)	(913,453)	(266)
KDA - Export - Line 1	8,126,423	8,211,622	85,199
KDA - Import - Line 2	(1,181,255)	(1,181,521)	(266)
KDA - Export - Line 2	8,349,684	8,434,897	85,213
NKI - Import - Line 1	(1,419)	(1,419)	-
NKI - Export - Line 1	28,647,136	28,820,698	173,562
NKI - Import - Line 2	(1,244)	(1,244)	-
NKI - Export - Line 2	29,032,963	29,208,875	175,912
KKI - Import - Line 1	473,578	591,233	117,655
KKI - Export - Line 1	(77)	(77)	-
KKI - Import - Line 2	496,485	641,864	145,379
KKI - Export - Line 2	(82)	(82)	-
KKI - Import - Line 3	446,478	618,772	172,294
KKI - Export - Line 3	(74)	(74)	-
Dhabaji export Line 1	85	35,730	35,645
Dhabaji Import Line 1	(34)	(8,400)	(8,366)

981,961

981,961

Total