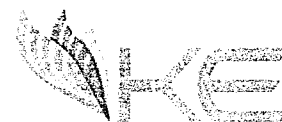


FW 24/12/22
 - ADGCT
 - Copy to
 - SA CAZEE
 - M.F
 CC: Chairman
 - m (CAIT)



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

Ref No. KE/BPR/NEPRA/2022/025
 January 11, 2022

Subject: Monthly Cost Variation for the month of December 2021 under Multi-Year Tariff 2017 – 2023

Dear Sir,

This is with reference to the mechanism for monthly and quarterly variations provided in the Multi-Year Tariff Determination of K-Electric Limited (KE) dated July 5, 2018 (MYT), notified vide SRO No. 576 (I)/2019 dated May 22, 2019.

In this regard, please find enclosed calculation of monthly variation for the month of December 2021 along with relevant supports, for Authority's approval. Please note that the calculation for the month of December 2021 is based on CPPA-G's latest fuel cost determined by NEPRA for the month of October 2021 and it is subject to adjustment based on determination for December 2021 to be issued by NEPRA.

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

Summary of Cost variation for the month December 2021 is as below;

Month	Variation Amount (PKR Million)	Variation per unit (PKR / kWh)
December-21	(2,106)	(1.798)

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

Heat Rate

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

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

Tariff Division Record

Dy No. 304
 Dated 13-1-22

REGISTRAR
 Dy No. 405
 Dated 18-1-2022



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

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

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

Furthermore, KE would humbly request NEPRA for expeditious processing of pending monthly variation for the month November 2021 and quarterly tariff variations for the period April 2020 to September 2021.

Sincerely,

Ayaz Jaffar Ahmed
Director – Finance & Regulations

Enclosed:

- Calculation sheet of monthly variation – December 2021
- Supporting Documents for December 2021

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

DESCRIPTION		Unit	Sep-21 Reference	Dec-21 Current
A)	Cost of fuel.			
	Cost of fuel - KE	a Mill Rs.	18,766.564	5,679.813
	Cost of fuel - Power Purchases	b Mill Rs.	9,408.490	9,373.047
	Adjustment - Note 1	c Mill Rs.	(19.000)	-
	Total	$d = a + b + c$ Mill Rs.	<u>28,156.054</u>	<u>15,052.859</u>
B)	Units Sent Out			
	Units Sent Out - KE	e GWh	903.393	300.743
	Units - Power purchases	f GWh	1,018.610	870.536
	Total	$g = e + f$ GWh	<u>1,922.003</u>	<u>1,171.279</u>
C)	Cost per unit on respective Sent Out			
	Cost of fuel - KE	$h = a / e$ Rs./kWh	20.773	18.886
	Cost of fuel - Power Purchases	$i = b / f$ Rs./kWh	9.237	10.767
	Adjustment - Note 3	$j = c / g$ Rs./kWh	(0.010)	-
	Weighted Average Cost / Total cost per unit	$k = d / g$ Rs./kWh	<u>14.649</u>	<u>12.852</u>
D)	Cost per unit on total sent out - Note 1			
	Cost of fuel - KE on total sent out	$l = a / g$ Rs./kWh	9.764	4.849
	Cost of fuel - Power Purchases on total sent out	$m = b / g$ Rs./kWh	4.895	8.002
	Adjustment - Note 3	$n = c / g$ Rs./kWh	(0.010)	-
	Weighted Average Cost / Total cost per unit	$o = d / g$ Rs./kWh	<u>14.649</u>	<u>12.852</u>
E)	Variation per unit - Note 2			
	Cost of fuel - KE	$p = l(\text{Dec-21}) - l(\text{Sep-21})$ Rs./kWh		(4.915)
	Cost of fuel - Power Purchases	$q = m(\text{Dec-21}) - m(\text{Sep-21})$ Rs./kWh		3.107
	Adjustment - Note 3	$r = n(\text{Dec-21}) - n(\text{Sep-21})$ Rs./kWh		0.010
	Total Fuel Cost Adjustment	$s = p + q + r$ Rs./kWh		<u>(1.798)</u>
F)	Total Fuel Cost Adjustment	$t = s \times 100$ Ps/kWh		<u>(179.77)</u>
G)	Variation amount			
	Cost of fuel - KE	$u = p \times g$ Mill Rs.		(5,756.635)
	Cost of fuel - Power Purchases	$v = q \times g$ Mill Rs.		3,639.461
	Adjustment - Note 3	$w = r \times g$ Mill Rs.		11.579
	Total Fuel Cost Adjustment	$x = u + v + w$ Mill Rs.		<u>(2,105.595)</u>

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

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

Note 3: This represents adjustment made by NEPRA on account of EMO in the fuel cost for the month of September 2021 vide its decision dated December 06, 2021. Subsequently, KE had submitted the required data to NEPRA and request to allow the same in subsequent FCA determination. Accordingly, KE would request to allow the amounts withheld by NEPRA on account of EMO in fuel cost for the months from Jun 2021 to Oct 2021, in the month of December 2021.

Work Sheet- Generation Fuel Cost Variation

DESCRIPTION		Sep-21	Dec-21
		Reference	Current
1	Units Generated - Actual		
1a	UNITS GENERATED ON FURNACE OIL + (LDO Bifurcated)		
i	Bin Qasim - I		
	Unit 1	GWh 99.265	-
	Unit 2	GWh 99.193	10.800
	Unit 3	GWh -	-
	Unit 4	GWh -	-
	Unit 5	GWh 98.220	-
	Unit 6	GWh 16.574	-
	Total unit generated on furnace oil - Bin Qasim - I	GWh 313.253	10.800
1b	UNITS GENERATED ON INDIGENOUS GAS		
i	Bin Qasim - I		
	Unit 1	GWh 0.864	-
	Unit 2	GWh 0.518	-
	Unit 3	GWh -	-
	Unit 4	GWh -	-
	Unit 5	GWh 3.705	-
	Unit 6	GWh 24.441	-
	Total unit generated on Indigenous Gas - Bin Qasim - I	GWh 28.729	-
	ii Bin Qasim II - 560 MW	GWh 81.854	-
	iii Korangi Town Gas Turbine II	GWh 6.475	-
	iv Site Gas Turbine II	GWh 4.921	-
	v Korangi CCP	GWh 16.848	-
	Total unit generated on Indigenous Gas	GWh 138.827	-
1c	UNITS GENERATED ON LNG		
i	Bin Qasim - I		
	Unit 1	GWh 0.212	-
	Unit 2	GWh 1.717	5.283
	Unit 3	GWh -	-
	Unit 4	GWh -	-
	Unit 5	GWh 12.272	-
	No Unit 6	GWh 80.948	-
	Total unit generated on LNG - Bin Qasim - I	GWh 95.1486	5.2835
	ii Bin Qasim II - 560 MW	GWh 278.816	301.707
	iii Korangi Town Gas Turbine II	GWh 22.120	0.063
	iv Site Gas Turbine II	GWh 16.762	0.178
	v Korangi CCP-220 MW	GWh 56.800	0.472
	Total unit generated on LNG	GWh 469.546	307.704
1d	UNITS GENERATED ON HSD		
i	Korangi CCP - 220 MW	GWh 47.806	2.147
	Total unit generated on HSD	GWh 47.806	2.147
	Total Units Generated - KE	GWh 969.532	320.651
2	Auxiliary Consumption - NEPRA allowed percentage		
i	Bin Qasim - I		
	Unit 1	8.1%	8.1%
	Unit 2	8.0%	8.0%
	Unit 3	8.3%	8.3%
	Unit 4	8.2%	8.2%
	Unit 5	7.8%	7.8%
	Unit 6	7.7%	7.7%
	ii Bin Qasim II - 560 MW	6.1%	6.1%
	iii Korangi Town Gas Turbine II	2.5%	2.5%
	iv Site Gas Turbine II	2.5%	2.5%
	v Korangi CCP	6.9%	6.9%

Work Sheet- Generation Fuel Cost Variation

DESCRIPTION		Sep-21	Dec-21
		Reference	Current
3 Auxiliary Consumption - NEPRA allowed			
3a AUXILIARY CONSUMPTION ON FURNACE OIL			
i Bin Qasim - I			
Unit 1	GWh	8.050	-
Unit 2	GWh	7.935	0.864
Unit 3	GWh	-	-
Unit 4	GWh	-	-
Unit 5	GWh	7.612	-
Unit 6	GWh	1.278	-
Total Auxiliary on Furnace Oil - Bin Qasim	GWh	24.876	0.864
3b AUXILIARY CONSUMPTION ON INDIGENOUS GAS			
i Bin Qasim - I			
Unit 1	GWh	0.005	-
Unit 2	GWh	0.041	-
Unit 3	GWh	-	-
Unit 4	GWh	-	-
Unit 5	GWh	0.287	-
Unit 6	GWh	1.884	-
Total Auxiliary on Indigenous Gas - Bin Qasim	GWh	2.218	-
ii Bin Qasim II - 560 MW	GWh	5.001	-
iii Korangi Town Gas Turbine II	GWh	0.162	-
iv Site Gas Turbine II	GWh	0.123	-
v Korangi CCPP	GWh	1.166	-
Total Auxiliary on Indigenous Gas - KE	GWh	8.670	-
3c AUXILIARY CONSUMPTION ON LNG			
i Bin Qasim - I			
Unit 1	GWh	0.017	-
Unit 2	GWh	0.137	0.423
Unit 3	GWh	-	-
Unit 4	GWh	-	-
Unit 5	GWh	0.951	-
Unit 6	GWh	6.241	-
Total Auxiliary on LNG - Bin Qasim	GWh	7.347	0.423
ii Bin Qasim II - 560 MW	GWh	17.036	18.434
iii Korangi Town Gas Turbine II	GWh	0.553	0.002
iv Site Gas Turbine II	GWh	0.419	0.004
v Korangi CCPP	GWh	2.931	0.033
Total Auxiliary on LNG - KE	GWh	29.285	18.896
3d AUXILIARY CONSUMPTION OF HSD			
i Korangi CCPP - 220 MW	GWh	3.308	0.149
Total Auxiliary on HSD	GWh	3.308	0.149
Total auxiliary units- KE	GWh	66.139	19.908

Work Sheet- Generation Fuel Cost Variation

DESCRIPTION		Sep-21	Dec-21
		Reference	Current
4 UNITS SENT OUT			
4a UNITS SENT OUT ON FURNACE OIL			
i	<u>Bin Qasim - I</u>		
	Unit 1	GWh	91.214
	Unit 2	GWh	91.258
	Unit 3	GWh	-
	Unit 4	GWh	-
	Unit 5	GWh	90.608
	Unit 6	GWh	15.297
	Total units sent out on furnace oil - Bin Qasim - I	GWh	288.377
			9.936
4b UNITS SENT OUT ON INDIGENOUS GAS			
i	<u>Bin Qasim - I</u>		
	Unit 1	GWh	0.059
	Unit 2	GWh	0.477
	Unit 3	GWh	-
	Unit 4	GWh	-
	Unit 5	GWh	3.418
	Unit 6	GWh	22.557
	Total units sent out on indigenous gas - Bin Qasim - I	GWh	26.511
			-
ii	Bin Qasim II - 560 MW	GWh	76.853
iii	Korangi Town Gas Turbine II	GWh	6.313
iv	Site Gas Turbine II	GWh	4.798
v	Korangi CCPP	GWh	15.682
	Total units sent out on indigenous gas - KE	GWh	130.157
			-
4c UNITS SENT OUT ON LNG			
i	<u>Bin Qasim - I</u>		
	Unit 1	GWh	0.195
	Unit 2	GWh	1.580
	Unit 3	GWh	-
	Unit 4	GWh	-
	Unit 5	GWh	11.321
	Unit 6	GWh	74.706
	Total units sent out on LNG - Bin Qasim - I	GWh	87.802
			4.861
ii	Bin Qasim II - 560 MW	GWh	261.780
iii	Korangi Town Gas Turbine II	GWh	21.567
iv	Site Gas Turbine II	GWh	16.343
v	Korangi CCPP	GWh	52.870
	Total units sent out on LNG - KE	GWh	440.361
			288.809
4d UNITS SENT OUT ON HSD			
i	<u>Korangi CCPP - 220 MW</u>	GWh	44.498
			1.998
	Total units sent out on HSD	GWh	44.498
			1.998
	Total units sent out KE	GWh	903.393
			300.743
5 HEAT RATE AT BUS BAR			
i	<u>Bin Qasim - I</u>		
	Unit 1	Btu/kWh	10,802
	Unit 2	Btu/kWh	10,650
	Unit 3	Btu/kWh	10,996
	Unit 4	Btu/kWh	10,899
	Unit 5	Btu/kWh	10,304
	Unit 6	Btu/kWh	10,249
ii	Bin Qasim II - 560 MW	Btu/kWh	8,381
iii	Korangi Town Gas Turbine II - Note 2	Btu/kWh	8,738
iv	Site Gas Turbine II - Note 3	Btu/kWh	8,746
v	Korangi CCPP - Note 3	Btu/kWh	8,377
vi	Korangi CCPP - HSD - Note 1	Btu/kWh	7,950

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

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

Accordingly, KE has also used 7,950 btu / kWh for December 2021 with request to adjust the same in line with Heat rate determined by Authority considering IE's test results, part load adjustment and degradation factor.

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

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

Work Sheet- Generation Fuel Cost Variation

DESCRIPTION		Sep-21	Dec-21
		Reference	Current
6	Calorific Value - Furnace Oil	Stu/kg	40,351
7	FUEL PRICES		
4a	Fuel Price - Indigenous Gas	Rs./MMBTU	857
4b	Fuel Price - Furnace Oil	Rs./Mton	92,279
4c	Fuel Price - Furnace Oil	Rs./MMBTU	2,287
4d	Fuel Price - LNG	Rs./MMBTU	2,545
4e	Fuel Price - HSD	Rs./MMBTU	2,739
8	COST OF FUEL		
8a	Furnace oil		
i	Bin Qasim - I		
	Unit 1	Mill Rs.	2,253.296
	Unit 2	Mill Rs.	2,222.541
	Unit 3	Mill Rs.	-
	Unit 4	Mill Rs.	-
	Unit 5	Mill Rs.	2,135.117
	Unit 6	Mill Rs.	358.528
	Total Cost of Furnace Oil - Bin Qasim - I	Mill Rs.	6,969.572
8b	Indigenous Gas		
i	Bin Qasim - I		
	Unit 1	Mill Rs.	0.545
	Unit 2	Mill Rs.	4.353
	Unit 3	Mill Rs.	-
	Unit 4	Mill Rs.	-
	Unit 5	Mill Rs.	30.185
	Unit 6	Mill Rs.	198.125
	Total Cost of Indigenous Gas - Bin Qasim - I	Mill Rs.	233.207
	ii Bin Qasim II - 560 MW	Mill Rs.	551.982
	iii Korangi Town Gas Turbine II	Mill Rs.	47.272
	iv Site Gas Turbine II	Mill Rs.	35.965
	v Korangi CCPP	Mill Rs.	112.580
	Total Cost of Indigenous Gas - KE	Mill Rs.	981.007
8c	LNG		
i	Bin Qasim - I		
	Unit 1	Mill Rs.	5.355
	Unit 2	Mill Rs.	42.808
	Unit 3	Mill Rs.	-
	Unit 4	Mill Rs.	-
	Unit 5	Mill Rs.	296.854
	Unit 6	Mill Rs.	1,948.453
	Total Cost of LNG - Bin Qasim - I	Mill Rs.	2,293.471
	ii Bin Qasim II - 560 MW	Mill Rs.	5,583.017
	iii Korangi Town Gas Turbine II	Mill Rs.	479.562
	iv Site Gas Turbine II	Mill Rs.	363.743
	v Korangi CCPP	Mill Rs.	1,127.059
	Total Cost of LNG - KE	Mill Rs.	9,846.851
8d	HSD		
i	Korangi CCPP - Note 1	Mill Rs.	969.133
	Total Cost of HSD - KE	Mill Rs.	969.133
	GIDC Arrears billed - Note 4		
	Total cost of fuel - KE	a Mill Rs.	18,766.564
9	Variation in Cost of Fuel - KE		
9a	Units Sent Out - KE	GWh	903.393
9b	Units - Power Purchases	GWh	1,018.610
	Total Units Sent Out	b GWh	1,922.003
9c	Cost per unit	c = a/b Rs./kWh	9.764
9d	Variation per unit (Cost of Fuel - KE)	Rs./kWh	(4.915)
9e	Variation amount (Cost of Fuel - KE)	Mill Rs.	(5,756.635)

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

Work Sheet- Power Purchase

DESCRIPTION		Sep-21	Dec-21
		Reference	Current
1 POWER PURCHASES			
a TAPAL	GWh	73.103	34.577
b GUL AHMED	GWh	80.407	22.644
c CPPA-G	GWh	747.786	709.747
d ANOUD POWER	GWh	-	-
e INT IND (IIL)	GWh	3.986	0.732
f FFBL	GWh	26.641	34.168
g SNPC	GWh	63.920	53.264
h OURSUN	GWh	6.626	6.482
i CPPA-G - 150 MW	GWh	4.818	-
j GHARO SOLAR	GWh	7.611	6.565
k LOTTE	GWh	3.469	2.146
l LUCKY	GWh	0.242	0.211
	GWh	1,018.610	870.536
2 COST OF POWER PURCHASES - FUEL COST			
a TAPAL	Mill Rs.	1,377.621	836.901
b GUL AHMED	Mill Rs.	1,499.232	560.220
c CPPA-G - Note 1	Mill Rs.	5,645.934	7,039.200
d ANOUD POWER	Mill Rs.	-	-
e INT IND (IIL)	Mill Rs.	42.512	7.797
f FFBL	Mill Rs.	292.654	517.977
g SNPC	Mill Rs.	436.479	361.922
h OURSUN	Mill Rs.	-	-
i CPPA-G - 150 MW	Mill Rs.	36.380	-
j GHARO SOLAR	Mill Rs.	-	-
k LOTTE	Mill Rs.	75.366	47.015
l LUCKY	Mill Rs.	2.313	2.016
TOTAL	Mill Rs.	9,408.490	9,373.047
3 FUEL COST / UNIT			
a TAPAL	Rs./kwh	18.845	24.204
b GUL AHMED	Rs./kwh	18.646	24.740
c CPPA-G - Note 1	Rs./kwh	7.550	9.918
d ANOUD POWER	Rs./kwh	-	-
e INT IND (IIL)	Rs./kwh	10.664	10.651
f FFBL	Rs./kwh	10.985	15.160
g SNPC	Rs./kwh	6.829	6.795
h OURSUN	Rs./kwh	-	-
i CPPA-G - 150 MW	Rs./kwh	7.550	-
j GHARO SOLAR	Rs./kwh	-	-
k LOTTE	Rs./kwh	21.726	21.908
l LUCKY	Rs./kwh	9.5563	9.5563
4 VARIATION IN COST OF FUEL - POWER PURCHASES			
4a Cost of Fuel - Power Purchases	a	Mill Rs.	9,408.490
Units Sent out:			
Units Sent Out - KE		GWh	903.393
Units - Power Purchases		GWh	1,018.610
4b Total Units Sent Out	b	GWh	1,922.003
4c Cost per unit	c = a/b	Rs./kwh	4.895
4d Variation per unit (Cost of Fuel - Power Purchases)		Rs./kwh	3.107
4e Variation amount (Cost of Fuel - Power Purchases)		Mill Rs.	3,639.461

Note 1: CPPA-G's fuel cost for the month of December 2021 is based on CPPA's latest fuel cost determined by NEPRA for the month of October 2021 and is subject to adjustment based on determination for December 2021 to be issued by NEPRA.

KE - BQPS - I Generation Statistics December-2021

ITEM		UNITS	December-2020	December-2021	November-2021
CAPACITY	INSTALLED	MW	840	840	840
	GDC *		740	730	730
UNITS GENERATED	GAS	kWh	13,476,753	5,283,488	52,714,623
	HFO		115,038,247	10,799,512	28,803,377
	HSDO/LDO		850	730	870
	GROSS		128,515,850	16,083,730	81,518,870
AUXILIARY CONSUMPTION		kWh	12,292,850	3,116,730	8,805,870
		%	9.57	19.38	10.80
NET GENERATION		kWh	116,223,000	12,967,000	72,713,000
BUS BAR SENT OUT			115,511,000	12,900,000	71,838,000
REACTIVE UNITS		kVARh	13,014,000	117,000	25,584,000
TOTAL GAS VOLUME	NG	MCF	-	0.00	34,112.30
	LNG		139,042.06	57,978.52	514,197.01
	TOTAL GAS		139,042.06	57,978.52	548,309.31
FUEL CONSUMPTION	HFO	M.TON	30,059.74	2,965.91	7,868.65
	LDO	LITRE	415.00	355.00	445.00
SPECIFIC FUEL CONSUMPTION	GAS	CFt/kWh	10.32	10.97	10.40
	HFO	Kg/kWh	0.26	0.27	0.27
	LDO	Litre/kWh	0.49	0.49	0.51
HEAT RATE	GROSS	BTU/kWh	10,543	11,082	10,697
	BUS BAR		11,730	13,817	12,139
THERMAL EFFICIENCY		%	32.36	30.79	31.90
COST OF FUELS	NG	Rs.	143,777	159,490	29,666,287
	LNG		186,282,711	128,978,499	1,394,311,785
	TOTAL GAS		186,426,488	129,137,989	1,423,978,072
	HFO		1,634,352,155	312,054,881	813,169,087
	LDO		13,172	11,268	14,124
	TOTAL		1,820,791,815	441,204,138	2,237,161,284
COST OF FUELS PER UNIT GENERATED	GAS	Rs.	13.83	24.44	27.01
	HFO		14.21	28.90	28.23
	LDO		15.50	15.44	16.23
	AVERAGE		14.17	27.43	27.44
SENTOUT COST / UNIT		Rs.	15.67	34.03	30.77
BUSBAR SENT OUT COST			15.76	34.20	31.14
GROSS CALORIFIC VALUE	GAS	BTU/CFt	1,020.90	1,009.87	1,011.30
	HFO	BTU/Lb	18,300	18,300	18,300
	LDO		19,000	19,000	19,000

Unit-3 Put-Off on 01-10-20 at 19:42 hrs for decommissioning / Resynchronized for Interim period to meet summer demand/ Put-Off on 15-08-21 at 13:35 hrs for decommissioning

Unit-4 Put-Off on 20-09-20 at 14:09 hrs for decommissioning . U6 GDC Revised from 01-07-21

SYED FAIZAN AHMED
Manager
BQPS-1 (Generation)
K-ELECTRIC LIMITED
DGM (P)

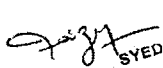
SAQIB SHAHEEN
General Manager Performance
BQPS-1 (Generation)
K-ELECTRIC LIMITED

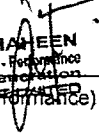
RAZZAQ AHMAD ANJUM
PLANT HEAD BQPS-I
Generation
K-ELECTRIC LIMITED

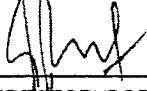
DIRECTOR (BQPS-I)

KE - BQPS - I Generation Statistics December-2021

ITEM		UNITS	UNIT NO. 1	UNIT NO. 2	UNIT NO. 5	UNIT NO. 6
CAPACITY	INSTALLED	MW	210	210	210	210
	GDC *		180	180	190	180
UNITS GENERATED	GAS	kWh	0	5,283,488	0	0
	HFO		0	10,799,512	0	0
	LDO		0	0	0	0
	GROSS		0	16,083,000	0	0
AUX. CONSUMPTION		kWh	445,193	1,984,793	304,123	382,623
		%	--	12.34	--	--
NET GENERATION		kWh	-445,193	14,098,208	-304,123	-382,623
BUS BAR SENT OUT			-444,948	14,031,453	-303,958	-382,548
REACTIVE UNITS		kVARh	0	117,000	0	0
TOTAL GAS VOLUME	NG	MCF	--	0.00	--	--
	LNG		--	57,978.52	--	--
	TOTAL GAS		--	57,978.52	--	--
FUEL CONSUMPTION	HFO	M. Ton	--	2,965.91	--	--
	LDO	K. Lit	--	0.00	--	--
SPECIFIC FUEL CONSUMPTION	GAS	CFt/kWh	--	10.97	--	--
	HFO	Kg/kWh	--	0.27	--	--
COST RATE	GROSS	BTU/kWh	--	11,082	--	--
	BUS BAR		--	12,702	--	--
THERMAL EFFICIENCY		%	--	30.79	--	--
GROSS CALORIFIC VALUES	GAS	BTU/CFt	1,009.87	1,009.87	1,009.87	1,009.87
	HFO	BTU/Lb	18,300	18,300	18,300	18,300
	LDO		19,000	19,000	19,000	19,000


SYED FAIZAN AHMED
 Manager
 BQPS-I Generation;
 DGM (P) K-ELECTRIC LIMITED


SAQIB SHAHEEN
 General Manager - Performance
 BQPS-I Generation
 K-ELECTRIC LIMITED


DIRECTOR (BQPS-I)
RAZZAQ AHMAD ANJUM
 PLANT HEAD BQPS-I
 Generation
 K-ELECTRIC LIMITED

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

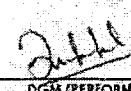
GENERATION STATISTICS COMPARISON
BIN QASIM POWER STATION-II

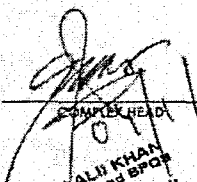
ITEM		UNITS	December-20	November-21	December-21
CAPACITY	INSTALLED (ISO CONDITIONS/ KE LICENSE)		572.67	572.67	572.67
	INSTALLED (SITE CONDITIONS)	MW	529.12	529.12	529.12
	DEPENDABLE		525.58	525.58	525.58
UNITS GENERATED	GAS		339,370,190	377,064,000	301,707,000
	HSDO	kWh			
	GROSS		339,370,190	377,064,000	301,707,000
AUXILIARY CONSUMPTION	UNIT	kWh	20,205,000	20,616,000	20,290,000
	RATIO	%	5.95%	5.47%	6.73%
NET GENERATION		kWh	319,165,190	356,448,000	281,417,000
BUSBAR SENT OUT			318,282,000	355,892,000	280,961,000
REACTIVE UNITS		kVARh	14,077,898	16,845,000	18,059,000
FUEL CONSUMPTION	GAS	MCF	-	106,834.21	-
	LNG	MCF	2,568,778.28	2,782,093.04	2,330,919.45
	HSDO	MTON	-	-	-
	LDO	LIRE	-	-	-
SPECIFIC FUEL CONSUMPTION	GAS / LNG	CFM/kWh	7.57	7.66	7.73
	HSDO	Kg/kWh	-	-	-
	LDO	Litre/kWh	-	-	-
HEAT RATE	GROSS	BTU/kWh	7,727	7,748	7,802
	BUS BAR		8,239	8,209	8,378
THERMAL EFFICIENCY		%	44.16%	44.04%	43.73%
COST OF FUELS Without GST	GAS		41,398	92,632,909	41,398
	LNG	Rs.	3,441,540,480	7,544,004,242	5,185,343,063
	HSDO		-	-	-
	LDO		-	-	-
	TOTAL		3,441,581,878	7,636,637,151	5,185,384,461
COST OF FUELS PER UNIT GENERATED	GAS / LNG		10.14	20.25	17.19
	HSDO	Rs.	-	-	-
	LDO		-	-	-
	AVERAGE		10.14	20.25	17.19
SENTOUT COST / UNIT		Rs.	10.78	21.42	18.43
BUSBAR SENT OUT COST			10.81	21.46	18.46
GROSS CALORIFIC VALUE	GAS	BTU/CFH	1,020.90	1,011.30	1,009.87
	HSDO		-	-	-
	LDO	BTU/Lb	19,590.00	19,590.00	19,590.00
Average load		MW	456.14	523.70	405.52

Note:

1. Fuel Gas & LNG Consumption are based on SSGC billed gas volume. Only total volume is verified.
2. SSGC meter reading are 0.41% (5 BTU/SCF) higher than Plant Meters.

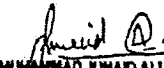

UMER KHALID
 Manager Performance
 GCPS-2 Generation
 K-ELECTRIC LIMITED
 Manager (PERFORMANCE)



 DGM (PERFORMANCE)
 HASSAN SAAD
 DGM
 Generation
 K-ELECTRIC LIMITED

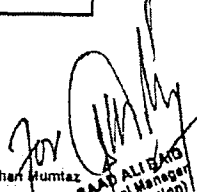

 Tahir Ali Khan
 Complex Head BPQ
 Generation
 K-ELECTRIC LIMITED

KE - KGT - II Generation Statistics Comparison					Dec-2021
ITEMS		UNITS	Nov-2021	Dec-2021	Dec-2020
CAPACITY	INSTALLED (ISO)	MW	107	107	107
	INSTALLED (Site)	MW	97.5	97.5	97.5
	DEPENDABLE	MW	96.1	96.1	96.1
UNITS GENERATED	GAS	kWh	2152643	63381	1872807
	GROSS		2152643	63381	1872807
AUXILIARY CONSUMPTION	UNIT	kWh	284083	273904	270825
	RATIO	%	13.20	432.15	14.46
NET GENERATION		kWh	1868560	-210523	1601982
BUSBAR SENT OUT			1794360	-254620	1544546
REACTIVE UNITS		kVARh	215200	6040	280250
FUEL CONSUMPTION	TOTAL GAS	MCF	21743	881	17999
	GAS	MCF	1744	0	0
	LNG	MCF	19999	881	17999
SPECIFIC FUEL CONSUMPTION	GAS/LNG	MCF/kWh	0.01	0.01	0.01
HEAT RATE	GROSS	BTU/kWh	9713	13504	9353
	BUSBAR		11652	-	11341
THERMAL EFFICIENCY		%	35.13	25.27	36.48
COST OF FUELS WITHOUT GST	GAS	Rs.	1474000	36898	36898
	LNG		51564153	1885364	22987603
	TOTAL		53038153	1922262	23024501
COST OF FUELS PER UNIT GENERATED	GAS / LNG	Rs.	24.64	30.33	12.29
	AVERAGE		24.64	30.33	12.29
SENTOUT COST/UNIT		Rs.	28.38	-	14.37
BUSBAR SENT OUT COST			29.56	-	14.91
GROSS CALORIFIC VALUE	GAS / LNG	BTU/Cft	961.59	971.06	973.20
Average load	AVERAGE	MW	2.99	0.09	2.52

CC: Director (Generation)
CC: GM (SGT)
CC: GM (BQPS/KTPS)
CC: DGM (KTGTPS)
CC: MF


MIRZA SAAD ALI
Assistant Manager
Generation
K-ELECTRIC LIMITED
KTGTPS


MIRZA SAAD ALI
Deputy General Manager
KTGTPS (Generation)
K-ELECTRIC LIMITED


MIRZA SAAD ALI
Plant Head
KTGTPS (Generation)
K-ELECTRIC LIMITED

K-ELECTRIC Limited		GENERATION STATISTICS FOR 248 MW CCGP Korangi Creek			
ITEM	ITEMS	UNITS	Dec-21	Dec-20	Nov-21
CAPACITY	ISO /KE Gen License	MW	247.492	247.492	247.492
	INSTALLED	MW	248	248	248
Gross Dependable Capacity		MW	227	227	227
UNITS GENERATED	GAS	KWH	472,279.13	24,193,100.00	19,663,564.63
	HSD		2,146,920.87	-	10,351,735.37
	GROSS		2,619,200.00	24,193,100.00	30,015,300.00
AUX. CONSUMPTION	UNITS	KWH	500,200.00	2,217,500.00	2,575,300.00
	RATIO	%	19.10%	9.17%	8.58%
NET-GENERATION		KWH	2,119,000.00	21,975,600.00	27,440,000.00
BUS BAR SENT OUT			2,004,000.00	21,826,000.00	27,211,000.00
REACTIVE. UNITS		KVARH	599,400.00	6,264,800.00	7,147,400.00
FUEL CONSUMPTION	Total Gas	MSCF	4,386.87	183,146.04	155,283.39
	NG	MSCF	-	-	11,236.59
	LNG	MSCF	4,386.87	183,146.04	144,046.80
	Total HSD	Liters	598,159.12	-	2,445,142.78
SPECIFIC FUEL CONSUMPTION	GAS/LNG	SCF/KWH	9.29	7.57	7.90
	HSD	Liter/KWH	0.28	-	0.24
HEAT RATE	GROSS	BTU/KWH	9,971.81	7,712.96	8,172.10
	SENT OUT		13,033.02	8,549.46	9,014.30
THERMAL EFF.	Gross	%	34.22	44.24	41.75
	Sent Out		26.18	39.91	37.85
COST OF FUELS	GAS	RS	68,296.00	68,296.00	9,765,738.15
	LNG		9,715,910.48	244,881,314.01	388,994,744.20
	TOTAL GAS+LNG		9,784,206.48	244,949,610.00	398,760,482.35
	TOTAL HSD		66,414,637.01	-	271,488,414.04
COST OF FUELS PER UNIT GENERATED	Gross	RS/KWHR	29.09	10.12	22.33
NET GENERATION COST/UNIT		RS/KWHR	35.96	11.15	24.43
BUS BAR SENT OUT COST / UNIT			38.02	11.22	24.63
GROSS CALORIFIC VALUE	GAS/LNG	BTU/Cft	1,005.42	1,018.86	1,007.14
Cost of Gas		RS/MSCF	2,230.34	1,337.46	2,567.95
GROSS CALORIFIC VALUE	HSD	GCV (BTU/LB)	19,816	-	19,847.00
DENSITY		kg/m3	830.7	-	830.90
Cost of HSD		RS/LITER	111.03	-	111.03

9,784,206.48 244,949,610.00 398,760,482.35

Note :

1. Cost of Gas & Oil is exclusive of GST.
2. Heat Rate calculations are based on GCV 1005.42 BTU/SCF (for the month of Dec-2021)
3. Individual Auxiliary Energy and Sent Out Meters of GT and STG not available.
4. Meter Rent included in Gas Charges.
5. KTPS Gas charges included.

NOTE on diesel:

1. All fuel consumption used at
2. Steam Turbine generation on HSD is calculated based on DCS data. No separate energy metering is available.
3. HSD density and CV is used from HSD test report from third party.

[Signature]
RAJESH MATHUR
 General Manager
 K-ELECTRIC Limited

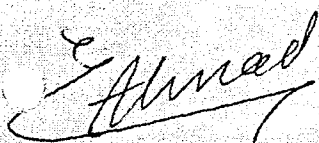
[Signature]
SHAMIM AHMED KHAN
 Plant Head
 CCGP
 K-ELECTRIC LIMITED

K- ELECTRIC LTD.
SGTPS Generation Statistics Comparison Dec-21

ITEMS		UNITS	Dec-20	Dec-21	Nov-21
CAPACITY	INSTALLED (ISO)	MW	107.31	107.31	107.31
	INSTALLED		97.56	97.56	97.56
	DEPENDABLE		96.25	96.25	96.25
UNITS GENERATED	GAS	kWh	1,181	178,079	4,299,514
	GROSS		1,181	178,079	4,299,514
AUXILIARY CONSUMPTION	UNIT	kWh	277,128	264,929	388,850
	RATIO****	%	23466%	148.77%	9.04%
NET GENERATION		kWh	-275947	-86850	3910664
BUSBAR SENT OUT			-318,640	-177,700	3,792,480
REACTIVE UNITS		kVARh	570	20,275	528,274
FUEL CONSUMPTION*	Total Gas	MCF	11	1,670	38,617
	GAS	MCF	-	-	2,954
	LNG	MCF	11	1,670	35,663
SPECIFIC FUEL CONSUMPTION	GAS/LNG	MCF/kWh	0.01	0.009	0.009
HEAT RATE	GROSS	BTU/kWh	9,207	9,679	9,174
	BUSBAR		0	-	10,401
THERMAL EFFICIENCY		%	37.06	35.25	37.19
COST OF FUELS*	GAS	Rs.	53,977	5,500	2,591,355
	LNG		14,270	3,797,049	97,674,217
	TOTAL**		68,247	3,802,549	100,265,572
COST OF FUELS PER UNIT	GAS/LNG	Rs.	57.79	21.35	23.32
	AVERAGE		57.79	21.35	23.32
SENTOUT COST/UNIT		Rs.	-	-	25.64
BUSBAR SENT OUT COST			-	-	26.44
GROSS CALORIFIC VALUE	GAS/LNG	BTU/Cft	1,004.43	1,032.01	1,021.45
Average load		MW	-	0.24	5.97

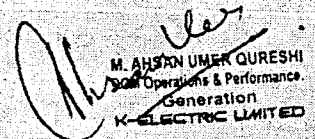
CC: DY Director (Generation)

CC: MF



Ajaz Ahmed Warraich
General Manager
(Plant Head)
SGTPS

AJAZ AHMAD WARRAICH
Plant Head
SGTPS Generation
K-ELECTRIC LIMITED


M. AHSAN UMER QURESHI
Dy. General Manager
Operations & Performance
Generation
K-ELECTRIC LIMITED

Ahsan Qureshi
Dy. General Manager
(Performance)
SGTPS

K-Electric Limited

S.No.	Vendor	Invoice	GRN Date	Invoice#	Quantity	Amount
1	PSO	23-Dec-21	30-Dec-21	9601307973	4,996	562,395,586
2	PSO	24-Dec-21	31-Dec-21	9601310300	4,989	561,646,225

9,986 1,124,041,811

PSO	Mton	PKR '000
Opening as at Dec' 21	44,387	4,596,881
Purchases Dec' 21	9,986	1,124,042

Date	Quantity	Amount '000
15-Dec-21	(7)	(766)
31-Dec-21	(2,959)	(311,289)

Consumption Dec' 21	(2,966)	(312,055)
Closing as at Dec' 21	51,406	5,408,868

List Edit Goto Settings System Help



Material Stocks Between 01.12.2021 and 31.12.2021

Navigation icons: back, forward, search, etc.

Valuation Area PS01
Material 700005
Description OIL, FURNACE OIL

Stock/Value on 01.12.2021	44,386.704	MT	4,596,880,814.66	PXR
Total/Val. of Receipts	9,995.503	MT	1,124,041,810.84	PXR
Total/Value of Issues	2,965.910-	MT	312,054,880.73-	PXR
Stock/Value on 31.12.2021	51,406.297	MT	5,408,867,744.77	PXR

SLoc	MvT	S	Mat. Doc.	Item	DocumentNo	Pstng Date	Quantity	BUn	Amount in LC
BQ04	201		4904230033	1	5200166032	15.12.2021	7,400-	MT	766,376.30-
BQ04	201		4904244595	1	5200178814	31.12.2021	2,958.510-	MT	311,288,504.43-
							2,965.910-	MT	312,054,880.73-



PAKISTAN STATE OIL COMPANY LIMITED

SALES TAX INVOICE (STR # 02-06-3208-015-46)

P.O. BOX # 3973, 3983, 8501, KARACHI

SLS-01

CUSTOMER CODE	105494	DATE	23.12.2021 07:18:48
NAME	Ms. PIPRI THARMAL POWERS	INVOICE NO.	9601307973
ADDRESS	UNIT NO-1 KESC PIPRI BIN QASIM KARA	DELIVERY NO.	8804040168
		VEHICLE CODE.	
S.TAX REG. NO.	1200271600728	FLEET GROUP	BOPS-1 (Administration Dept.)
COTRACT NO.		T/L REG. NO.	
INDENT NO.	840105 IMP DATE 22.12.2021	L.L. ACK NO.	24 DEC 2021
SHIPPING POINT	1500-Zot (Inst.)	CALIBRATION NO.	Inward No. 631
DEST. CODE	01046-Karachi East	CALIBRATION EXP	K-ELECTRIC LIMITED
SHIPMENT TYPE		TOKEN NO.	502370825
C/C No.		FREIGHT PO NO.	
C/C NAME		LC NO.	

PROB. CODE	DESCRIPTION	TEMP/DEN	S.LOC	BATCH/UNIT	QTY	RATE	PRICE
HSFO-180	High Sulphur Furnace Oil - 180	26/953	0006	-MTO	4,996.080	112,567.37	562395585.91
					EXCL. STAX		562395585.91
					SALES TAX		95607,249.60
					TOTAL		658002,835.51

PSO NTN NO	0711554-7
CUSTOMER NTN NO	1543137
CUSTOMER CNIC NO	

For any Query and Complaint please contact Taeluq 0800-03000.

TOTAL INVOICE AMOUNT

20/12/21
SYED FAIZAN AHMED
Manager
BOPS-1 (Generation)
K-ELECTRIC LIMITED

F.O. LITERS:-	CHMB 1	CHMB 2	CHMB 3	CHMB 4	CHMB 5	CHMB 6
5,240,827.000						
Ref Dip						
Prod Dip						
Seal No						
Short Dip						

Product meets specification issued by Ministry of Petroleum and Natural Resources. Letter No. PL-NRL(4)-86(SPEC) Dated 13.4.1988

Bank	Inst. Type	Inst. No.	Amount

Miscellaneous information

I CONFIRM THAT THE QUALITY OF PRODUCT RECEIVED AGAINST THE INVOICE IS IN ACCORDANCE WITH MY REQUIREMENTS AND IS FREE FROM ANY ADULTERATION

R R DATE	R R NUMBER	R R INV NO	WEIGHT

PREPARED BY:	DRIVER'S SIGNATURE:
APPROVED BY:	NIC No:
RELEASED BY:	BUYER'S SIGNATURE:
	DATED:
	SHORTAGE VOLUME AND TEMP/DENSITY

SYED FAIZAN AHMED Manager BOPS-1 (Generation) K-ELECTRIC LIMITED	27/12/21
CONSIGNEE SIGNATURE & DATE	
VALUE EXCLUSIVE GST	95607,249.60
GST	658002835.51
VALUE INCLUSIVE GST	

F.O. No 4110029876 Dt: 09/08/2021

CUSTOMER

15037429



Handwritten signature and date: 20/12/2021
 SM BOD 274784

PAKISTAN STATE OIL COMPANY LIMITED

SALES TAX INVOICE (STR # 02-06-3208-015-46)

P.O. BOX # 3973, 3983, 8501, KARACHI

SLS-01

CUSTOMER CODE	105494	DATE	24.12.2021 14:56:53
NAME	Ms. PIPRI THARMAL POWERS	INVOICE NO.	9601310300
ADDRESS	UNIT NO-1 KESC PIPRI BIN QASIM KARA	DELIVERY NO.	8804043321
S.TAX REG. NO.	1200271600728	VEHICLE CODE.	
COTRACT NO.		FLEET GROUP	BQPS-1 (Administration Dept.)
INDENT NO.	840105 IMP DATE 22.12.2021	T/L REG NO.	27 DEC 2021
SHIPPING POINT	1500-Zot (Inst.)	L.L. ACK NO.	Inward No. 524
DEST. CODE	01046-Karachi East	CALIBRATION NO.	K-ELECTRIC LIMITED
SHIPMENT TYPE		CALIBRATION EXP	
C/C No.		TOKEN NO.	/ 502372917
C/C NAME		FREIGHT PO NO.	
		LC NO.	-

PROD. CODE	DESCRIPTION	TEMP/DEN	S.LOC	BATCH/UNIT	QTY	RATE	PRICE
HSFO-180	High Sulphur Furnace Oil - 180	25/953	0006	-MFO	4,989.423	112,587.37	561646224.93
					EXCL. STAX		561646224.93
					SALES TAX		95479,858.24
					TOTAL		657126,083.17

PSO NTN NO	0711554-7
CUSTOMER NTN NO	1543137
CUSTOMER CNIC NO	

For any Query and Complaint please contact Taalq 0800-03000.

Qty 4989.423 mt VERIFIED
 TOTAL INVOICE AMOUNT

Handwritten signature: SYED FAIZAN AHMED
 Manager
 BQPS-1 (Generation)
 K-ELECTRIC LIMITED

F.O LITERS:-	CHMB 1	CHMB 2	CHMB 3	CHMB 4	CHMB 5	CHMB 6
5,226,331.047						
Ref Dip						
Prod Dip						
Seal No						
Short Dip						

Product meets specification issued by Ministry of Petroleum and Natural Resources, Letter No. PL-NRL(4)-86(SPEC) Dated 13.4.1988

Bank	Inst. Type	Inst. No.	Amount

Miscellaneous information

I CONFIRM THAT THE QUALITY OF PRODUCT RECEIVED AGAINST THE INVOICE IS IN ACCORDANCE WITH MY REQUIREMENTS AND IS FREE FROM ANY ADULTERATION

R R DATE	R R NUMBER	R R INV NO	WEIGHT

PREPARED BY:	DRIVER'S SIGNATURE:
APPROVED BY:	NIC No:
RELEASED BY:	BUYER'S SIGNATURE:
	DATED:
	SHORTAGE VOLUME AND TEMP/DENSITY

Handwritten signature: SYED FAIZAN AHMED
 Manager
 BQPS-1 (Generation)
 K-ELECTRIC LIMITED

28/12/21

CONSIGNEE SIGNATURE & DATE

301646224.93

VALUE EXCLUSIVE GST 95479,858.24

GST 657126083.17

VALUE INCLUSIVE GST

F.O. No 4110029876 Dt: 09/08/2021

CUSTOMER

15037523

K-Electric Limited

	Mton	PKR '000															
Opening as at Dec 21	4,870,917	540,826															
Purchases Dec' 21	-	-															
<table><tr><th>Date</th><th>Quantity</th><th>Amount '000</th></tr><tr><td>31-Dec-21</td><td>(628)</td><td>(70)</td></tr><tr><td>31-Dec-21</td><td>(167,923)</td><td>(18,645)</td></tr><tr><td>31-Dec-21</td><td>(90,529)</td><td>(10,052)</td></tr><tr><td>31-Dec-21</td><td>(339,078)</td><td>(37,648)</td></tr></table>			Date	Quantity	Amount '000	31-Dec-21	(628)	(70)	31-Dec-21	(167,923)	(18,645)	31-Dec-21	(90,529)	(10,052)	31-Dec-21	(339,078)	(37,648)
Date	Quantity	Amount '000															
31-Dec-21	(628)	(70)															
31-Dec-21	(167,923)	(18,645)															
31-Dec-21	(90,529)	(10,052)															
31-Dec-21	(339,078)	(37,648)															
Consumption Dec' 21	(598,159)	(66,415)															
Closing as at Dec' 21	4,272,758	474,412															

Material Stocks Between 01.12.2021 and 31.12.2021

⏪ ⏩ ⏴ ⏵ ⏶ ⏷ ⏸ ⏹ ⏺ ⏻ ⏼ ⏽ ⏾ ⏿

Valuation Area PS05
Material 700041
Description DIESEL OIL; (HSDO) FOR POWER STATION

Stock/Value on 01.12.2021	4,870,917.255	L	540,826,329.59	PKR
Total/Val. of Receipts	0	L	0.00	PKR
Total/Value of Issues	598,159.120	L	66,414,637.01	PKR
Stock/Value on 31.12.2021	4,272,758.135	L	474,411,692.58	PKR

SLoc	MvT	S	Mat.	Doc.	Item	DocumentNo	Pstng Date	Quantity	BUn	Amount in LC
CP03	261		4904245869		1	5200179954	31.12.2021	339,078.190	L	37,648,435.26
CP03	261		4904245891		1	5200179957	31.12.2021	167,923.490	L	18,644,834.23
CP03	261		4904245892		1	5200179961	31.12.2021	627.960	L	69,723.48
CP03	261		4904245894		1	5200179964	31.12.2021	90,529.480	L	10,051,644.04
*								598,159.120	L	66,414,637.01

K-Electric Limited

Indigenous Gas - Dec 2021

Description	MMBTU (As per Bills)	Cubic Meters	GCV AS PER BILLS	MMCF	MMCFD	Amount excluding Meter rent	Meter rent	Total Amount of SSGC Bills	Rs/ MMBTU
BIN QASIM									
18143200	-	-	1,009.874	-	-	28,898	2,500	31,398	-
16392826	-	-	1,009.874	-	-	28,898	2,500	31,398	-
M12169664	-	-	1,009.874	-	-	28,898	2,500	31,398	-
18143203	-	-	1,009.874	-	-	28,898	2,500	31,398	-
M2121940	-	-	1,009.874	-	-	28,898	2,500	31,398	-
18143197	-	-	1,009.874	-	-	-	2,500	2,500	-
Total	-	-	1,009.874	-	-	144,490	15,000	159,490	-
BIN QASIM COMBINED CYCLE POWER PLANT									
16128821	-	-	1,009.874	-	-	-	2,500	2,500	-
M16647823	-	-	1,009.874	-	-	-	2,500	2,500	-
M16647821	-	-	1,009.874	-	-	-	2,500	2,500	-
12121941	-	-	1,009.874	-	-	-	2,500	2,500	-
20580043	-	-	1,009.874	-	-	28,898	2,500	31,398	-
Total	-	-	1,009.874	-	-	28,898	12,500	41,398	-
KORANGI TOWN GAS TURBINE-II									
16128823	-	-	971.061	-	-	-	3,000	3,000	-
15300070	-	-	971.061	-	-	-	2,500	2,500	-
16844632	-	-	971.061	-	-	28,898	2,500	31,398	-
Total	-	-	971.061	-	-	28,898	8,000	36,898	-
SITE GAS TURBINE-II									
16647825	-	-	1,032.013	-	-	-	3,000	3,000	-
13403410	-	-	1,032.013	-	-	-	2,500	2,500	-
Total	-	-	1,032.013	-	-	-	5,500	5,500	-
KORANGI COMBINED CYCLE POWER PLANT									
16384818	-	-	1,005.416	-	-	-	2,500	2,500	-
16392828	-	-	1,005.416	-	-	-	2,500	2,500	-
20609091	-	-	1,005.416	-	-	28,898	2,500	31,398	-
Total	-	-	1,005.416	-	-	28,898	7,500	36,398	-
Total KE Generating Stations	-	-	-	-	-	231,184	48,500	279,684	-
KTPS MMM00001	-	-	1,005.416	-	-	28,898	3,000	31,898	-
SS/WW 14240562	-	-	1,064.997	-	-	28,898	2,000	30,898	-
Total	-	-	-	-	-	288,979	53,500	342,480	-

SSGC Billed GST @17% 58,222
400,702

Sui Southern Gas Company Limited

SSGC Block 14, Sir Shah Suleman Road, Gulshan-e-Iqbal, Karachi 75300

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KESC BIN QASIM (RUN 07)

SSGC General Sales Tax Number 02-04-9028-001-19

K - Electric Limited
Plot No.EZ/1/1,
Bin Qasim, Karachi

Billing Group: (A-11/0108985 /09)

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ACCOUNT INFORMATION

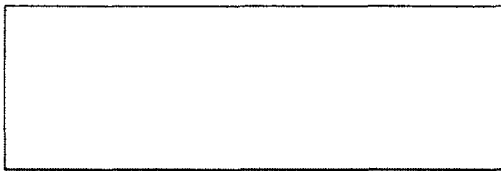
Customer Number: 0551223410 (4)
Billing Month: Dec-2021
Tariff/Customer Class: IND
GST/NTN Number: 1200271600728

Issue Date: 03-Jan-2022

ACCOUNT SUMMARY AS OF

Previous Balance (Rs.)	Current Charges (Rs.)	Payable Within Due Date (Rs.)	Late Payment Surcharge (Rs.)	Payment After Due Date (Rs.)	Due Date
12,932,157,258	2,925	12,932,160,183		12,932,160,183	18 Jan 2022

MONTHLY CONSUMPTION



METER INFORMATION

METER No.	CURRENT DATE	CURRENT READING	PREVIOUS DATE	PREVIOUS READING	MEASURED QTY (SCM)
16128821	31-Dec-2021	72010908	30-Nov-2021	56268981	15741927
RLNG VOL	31-Dec-2021		30-Nov-2021		15741927 -
SMS CODE	GCV (BTU/SCF)	MMBTU	No. OF MONTHS	PRESSURE	TEMPERATURE
1009.874194	.0	01	1	1	1

BILL & PAYMENT HISTORY

Month	Bill Amount (Rs.)	Payment Date	Amount (Rs.)

BILL CALCULATION

ACTUAL BILL CONSUMPTIVE

COMPUTATION OF CURRENT GAS CHARGES

SLAB	CMs	MMBTU	RATE/ MMBTU (Rs.)	AMOUNT (Rs.)

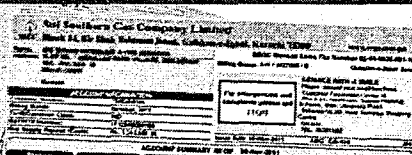
IMPORTANT MESSAGES

CURRENT CHARGES (Rs.)

Gas Charges	
Meter Rent	2,500
General Sales Tax	425
Withholding Tax @ 4%	
Other Charges	
Less: Provisional/Bill Corrections	
Adjustments - Debit	
Adjustments - Credit	

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M/S KESC BIN QASIM (RUN 07)
K - Electric Limited
Plot No.EZ/1/1,

Customer Number	Total Amount Due	Due Date	Amount Due
0551223410 (4)	12,932,160,183	18 Jan 2022	12,932,160,183

Sui Southern Gas Company Limited

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KESC BIN QASIM (RUN 08)

K - Electric Limited
Plot No.EZ/1/1,
Bin Qasim, Karachi

SSGC General Sales Tax Number 02-04-9028-001-19

Billing Group: (A-1/0108985 /09)

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ACCOUNT INFORMATION

Customer Number: 0424859959 (1)
Billing Month: Dec-2021
Tariff/Customer Class: IND
GST/NTN Number: 1200271600728

Issue Date: 03-Jan-2022

ACCOUNT SUMMARY AS OF

Previous Balance (Rs.)	Current Charges (Rs.)	Payable Within Due Date (Rs.)	Late Payment Surcharge (Rs.)	Payment After Due Date (Rs.)	Due Date
13,608,231,420	2,925	13,608,234,345		13,608,234,345	18 Jan 2022

MONTHLY CONSUMPTION



METER INFORMATION

METER No.	CURRENT DATE	CURRENT READING	PREVIOUS DATE	PREVIOUS READING	MEASURED QTY (SCM)
M16647823	31-Dec-2021	30997177	30-Nov-2021	14713402	16283775
RLNG VOL	31-Dec-2021		30-Nov-2021		16283775 -
SMS CODE	GCV (BTU/SCF)	MMBTU	No. OF MONTHS	PRESSURE	TEMPERATURE
1009.874194		.0	01	1	1

BILL & PAYMENT HISTORY

Month	Bill Amount (Rs.)	Payment Date	Amount (Rs.)

BILL CALCULATION

ACTUAL BILL CONSUMPTIVE

COMPUTATION OF CURRENT GAS CHARGES

SLAB	CMs	MMBTU	RATE/ MMBTU (Rs.)	AMOUNT (Rs.)

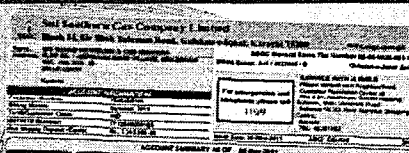
IMPORTANT MESSAGES

CURRENT CHARGES (Rs.)

Gas Charges	
Meter Rent	2,500
General Sales Tax	425
Withholding Tax @ 4%	
Other Charges	
Less: Provisional/Bill Corrections	
Adjustments - Debit	
Adjustments - Credit	

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M/S KESC BIN QASIM (RUN 08)
K - Electric Limited
Plot No.EZ/1/1,

Customer Number	Total Amount Due	Due Date	Amount Due
0424859959 (1)	13,608,234,345	18 Jan 2022	13,608,234,345

Sui Southern Gas Company Limited

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KESC BIN QASIM (RUN 09)

SSGC General Sales Tax Number 02-04-9028-001-19

K - Electric Limited

Plot No.EZ/1/1,

Bin Qasim, Karachi

Billing Group: (A-1/0108985 /09)

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ACCOUNT INFORMATION

Customer Number: 1463452993 (8)
Billing Month: Dec- 2021
Tariff/Customer Class: IND
GST/NTN Number: 1200271600728

Issue Date: 03-Jan-2022

ACCOUNT SUMMARY AS OF

Previous Balance (Rs.)	Current Charges (Rs.)	Payable Within Due Date (Rs.)	Late Payment Surcharge (Rs.)	Payment After Due Date (Rs.)	Due Date
14,122,423,185	2,925	14,122,426,110		14,122,426,110	18 Jan 2022

MONTHLY CONSUMPTION



METER INFORMATION

METER No.	CURRENT DATE	CURRENT READING	PREVIOUS DATE	PREVIOUS READING	MEASURED QTY (SCM)
M16647821	31-Dec-2021	1941705	30-Nov-2021	85305464	16636241
RLNG VOL	31-Dec-2021		30-Nov-2021		16636241 -
SMS CODE	GCV (BTU/SCF)	MMBTU	No. OF MONTHS	PRESSURE	TEMPERATURE
1009.874194		.0	01	1	1

BILL & PAYMENT HISTORY

Month	Bill Amount (Rs.)	Payment Date	Amount (Rs.)

BILL CALCULATION

ACTUAL BILL CONSUMPTIVE

COMPUTATION OF CURRENT GAS CHARGES

SLAB	CMs	MMBTU	RATE/ MMBTU (Rs.)	AMOUNT (Rs.)

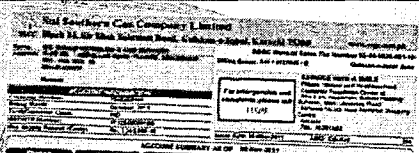
IMPORTANT MESSAGES

CURRENT CHARGES (Rs.)

Gas Charges	
Meter Rent	2,500
General Sales Tax	425
Withholding Tax @ 4%	
Other Charges	
Less: Provisional/Bill Corrections	
Adjustments - Debit	
Adjustments - Credit	

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M/S KESC BIN QASIM (RUN 09)

K - Electric Limited

Plot No.EZ/1/1,

Customer Number	Total Amount Due	Due Date	Amount Due
1463452993 (8)	14,122,426,110	18 Jan 2022	14,122,426,110



Sui Southern Gas Company Limited

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KESC BIN QASIM (RUN 10)

K - Electric Limited

Plot No.EZ/1/1,

Bin Qasim, Karachi

SSGC General Sales Tax Number 02-04-9028-001-19

Billing Group: (A-11/0108985 /09)

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ACCOUNT INFORMATION

Customer Number: 1339600597 (0)

Billing Month: Dec- 2021

Tariff/Customer Class: IND

GST/NTN Number: 1200271600728

Issue Date: 03-Jan-2022

ACCOUNT SUMMARY AS OF

Previous Balance (Rs.)	Current Charges (Rs.)	Payable Within Due Date (Rs.)	Late Payment Surcharge (Rs.)	Payment After Due Date (Rs.)	Due Date
14,782,157,836	2,925	14,782,160,761		14,782,160,761	18 Jan 2022

MONTHLY CONSUMPTION



METER INFORMATION

METER No.	CURRENT DATE	CURRENT READING	PREVIOUS DATE	PREVIOUS READING	MEASURED QTY (SCM)
12121941	31-Dec-2021	3248316	30-Nov-2021	86239284	17009032
RLNG VOL	31-Dec-2021		30-Nov-2021		17009032 -
SMS CODE	GCV (BTU/SCF)	MMBTU	No. OF MONTHS	PRESSURE	TEMPERATURE
1009.874194		.0	01	1	1

BILL & PAYMENT HISTORY

Month	Bill Amount (Rs.)	Payment Date	Amount (Rs.)

BILL CALCULATION

ACTUAL BILL CONSUMPTIVE

COMPUTATION OF CURRENT GAS CHARGES

SLAB	CMs	MMBTU	RATE/ MMBTU (Rs.)	AMOUNT (Rs.)

IMPORTANT MESSAGES

CURRENT CHARGES (Rs.)

Gas Charges	
Meter Rent	2,500
General Sales Tax	425
Withholding Tax @ 4%	
Other Charges	
Less: Provisional/Bill Corrections	
Adjustments - Debit	
Adjustments - Credit	

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M/S KESC BIN QASIM (RUN 10)

K - Electric Limited

Plot No.EZ/1/1,

Customer Number	Total Amount Due	Due Date	Amount Due
1339600597 (0)	14,782,160,761	18 Jan 2022	14,782,160,761

Sui Southern Gas Company Limited

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KESC BIN QASIM (RUN 11)

SSGC General Sales Tax Number 02-04-9028-001-19

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ACCOUNT INFORMATION

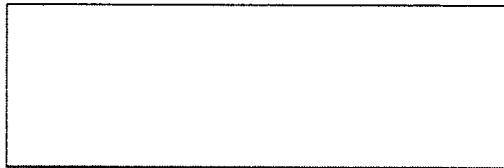
Customer Number: 3188266041 (3)
Billing Month: Dec- 2021
Tariff/Customer Class: IND
GST/NTN Number: 1200271600728

Issue Date: 03-Jan-2022

ACCOUNT SUMMARY AS OF

Previous Balance (Rs.)	Current Charges (Rs.)	Payable Within Due Date (Rs.)	Late Payment Surcharge (Rs.)	Payment After Due Date (Rs.)	Due Date
13,140,671,121	36,736	13,140,707,857		13,140,707,857	18 Jan 2022

MONTHLY CONSUMPTION



METER INFORMATION

METER No.	CURRENT DATE	CURRENT READING	PREVIOUS DATE	PREVIOUS READING	MEASURED QTY (SCM)
20580C43	31-Dec-2021	78008138	30-Nov-2021	78008138	0
RLNG VOL	31-Dec-2021		30-Nov-2021		0 -
SMS CODE	GCV (BTU/SCF)	MMBTU	No. OF MONTHS	PRESSURE	TEMPERATURE
1009.874194		.0	01	1	1

BILL & PAYMENT HISTORY

Month	Bill Amount (Rs.)	Payment Date	Amount (Rs.)

BILL CALCULATION

ACTUAL BILL CONSUMPTIVE

COMPUTATION OF CURRENT GAS CHARGES

SLAB	CMs	MMBTU	RATE/ MMBTU (Rs.)	AMOUNT (Rs.)

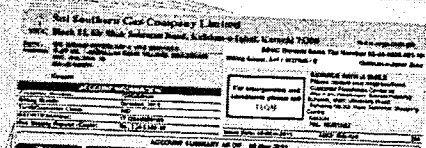
IMPORTANT MESSAGES

CURRENT CHARGES (Rs.)

Gas Charges	28,898
Meter Rent	2,500
General Sales Tax	5,338
Withholding Tax @ 4%	
Other Charges	
Less: Provisional/Bill Corrections	
Adjustments - Debit	
Adjustments - Credit	

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M/S KESC BIN QASIM (RUN 11)
K - Electric Limited
Plot No.EZ/1/1,

Customer Number	Total Amount Due	Due Date	Amount Due
3188266041 (3)	13,140,707,857	18 Jan 2022	13,140,707,857

Sui Southern Gas Company Limited

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KESC BIN QASIM (RUN 01)

K - Electric Limited
Plot No.EZ/1/1,
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SSGC General Sales Tax Number 02-04-9028-001-19

Billing Group: (A-11/0108985 /09)

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ACCOUNT INFORMATION

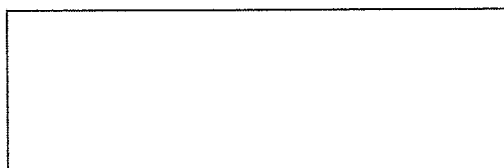
Customer Number: 7934380000 (3)
Billing Month: Dec-2021
Tariff/Customer Class: IND
GST/NTN Number: 1200271600728

Issue Date: 03-Jan-2022

ACCOUNT SUMMARY AS OF

Previous Balance (Rs.)	Current Charges (Rs.)	Payable Within Due Date (Rs.)	Late Payment Surcharge (Rs.)	Payment After Due Date (Rs.)	Due Date
4,787,653,292	36,736	4,787,690,027		4,787,690,027	18 Jan 2022

MONTHLY CONSUMPTION



METER INFORMATION

METER No.	CURRENT DATE	CURRENT READING	PREVIOUS DATE	PREVIOUS READING	MEASURED QTY (SCM)
18143200	31-Dec-2021	31881708	30-Nov-2021	31881708	0
RLNG VOL	31-Dec-2021		30-Nov-2021		0 -

SMS CODE	GCV (BTU/SCF)	MMBTU	No. OF MONTHS	PRESSURE	TEMPERATURE
1009.874194		.0	01	1	1

BILL & PAYMENT HISTORY

Month	Bill Amount (Rs.)	Payment Date	Amount (Rs.)

BILL CALCULATION

ACTUAL BILL CONSUMPTIVE

COMPUTATION OF CURRENT GAS CHARGES

SLAB	CMS	MMBTU	RATE/ MMBTU (Rs.)	AMOUNT (Rs.)

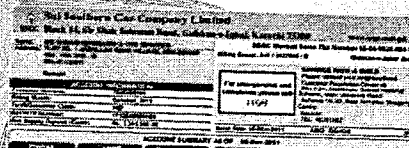
IMPORTANT MESSAGES

CURRENT CHARGES (Rs.)

Gas Charges	28,898
Meter Rent	2,500
General Sales Tax	5,338
Withholding Tax @ 4%	
Other Charges	
Less: Provisional/Bill Corrections	
Adjustments - Debit	
Adjustments - Credit	

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M/S KESC BIN QASIM (RUN 01)

K - Electric Limited

Plot No.EZ/1/1,

Customer Number	Total Amount Due	Due Date	After Due Date
7934380000 (3)	4,787,690,027	18 Jan 2022	4,787,690,027

Sui Southern Gas Company Limited

SSGC Block 14, Sir Shah Suleman Road, Gulshan-e-Iqbal, Karachi 75300 www.ssgc.com.pk

KESC BIN QASIM (RUN 02)

SSGC General Sales Tax Number 02-04-9028-001-19

K - Electric Limited
Plot No. EZ/1/1,
Bin Qasim, Karachi

Billing Group: (A-11/0108985/09)

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ACCOUNT INFORMATION

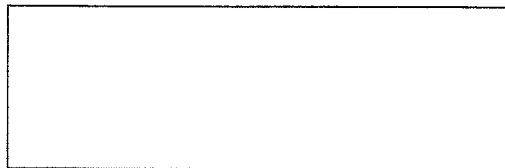
Customer Number: 2044380000 (6)
Billing Month: Dec- 2021
Tariff/Customer Class: IND
GST/NTN Number: 1200271600728

Issue Date: 03-Jan-2022

ACCOUNT SUMMARY AS OF

Previous Balance (Rs.)	Current Charges (Rs.)	Payable Within Due Date (Rs.)	Late Payment Surcharge (Rs.)	Payment After Due Date (Rs.)	Due Date
5,704,347,815	36,736	5,704,384,550		5,704,384,550	18 Jan 2022

MONTHLY CONSUMPTION



METER INFORMATION

METER No.	CURRENT DATE	CURRENT READING	PREVIOUS DATE	PREVIOUS READING	MEASURED QTY (SCM)
16392826	31-Dec-2021	81051928	30-Nov-2021	81051928	0
RLNG VOL	31-Dec-2021		30-Nov-2021		0 -
SMS CODE	GCV (BTU/SCF)	MMBTU	No. OF MONTHS	PRESSURE	TEMPERATURE
1009.874194		.0	01	1	1

BILL & PAYMENT HISTORY

Month	Bill Amount (Rs.)	Payment Date	Amount (Rs.)

BILL CALCULATION

ACTUAL BILL CONSUMPTIVE

COMPUTATION OF CURRENT GAS CHARGES

SLAB	CMs	MMBTU	RATE/ MMBTU (Rs.)	AMOUNT (Rs.)

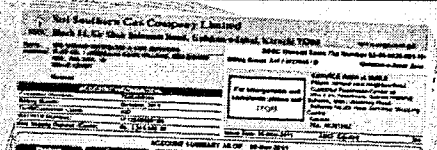
IMPORTANT MESSAGES

CURRENT CHARGES (Rs.)

Gas Charges	28,898
Meter Rent	2,500
General Sales Tax	5,338
Withholding Tax @ 4%	
Other Charges	
Less: Provisional/Bill Corrections	
Adjustments - Debit	
Adjustments - Credit	

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M/S KESC BIN QASIM (RUN 02)
K - Electric Limited
Plot No. EZ/1/1,

Customer Number	Total Amount Due	Due Date	Amount Due
2044380000 (6)	5,704,384,550	18 Jan 2022	5,704,384,550

Sui Southern Gas Company Limited

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KESC BIN QASIM (RUN 03)

K - Electric Limited
Plot No. EZ/1/1,
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SSGC General Sales Tax Number 02-04-9028-001-19

Billing Group: (A-11/0108985 /09)

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ACCOUNT INFORMATION

Customer Number: 5044380000 (3)
Billing Month: Dec-2021
Tariff/Customer Class: IND
GST/NTN Number: 1200271600728

Issue Date: 03-Jan-2022

ACCOUNT SUMMARY AS OF

Previous Balance (Rs.)	Current Charges (Rs.)	Payable Within Due Date (Rs.)	Late Payment Surcharge (Rs.)	Payment After Due Date (Rs.)	Due Date
5,181,210,306	36,736	5,181,247,042		5,181,247,042	18 Jan 2022

MONTHLY CONSUMPTION

METER INFORMATION



METER No.	CURRENT DATE	CURRENT READING	PREVIOUS DATE	PREVIOUS READING	MEASURED QTY (SCM)
M12169664	31-Dec-2021	25217266	30-Nov-2021	25217266	0
RLNG VOL	31-Dec-2021		30-Nov-2021		0 -
SMS CODE	GCV (BTU/SCF)	MMBTU	No. OF MONTHS	PRESSURE	TEMPERATURE
1009.874194		.0	01	1	1

BILL & PAYMENT HISTORY

BILL CALCULATION

Month	Bill Amount (Rs.)	Payment Date	Amount (Rs.)

ACTUAL BILL CONSUMPTIVE

COMPUTATION OF CURRENT GAS CHARGES

SLAB	CMs	MMBTU	RATE/ MMBTU (Rs.)	AMOUNT (Rs.)

IMPORTANT MESSAGES

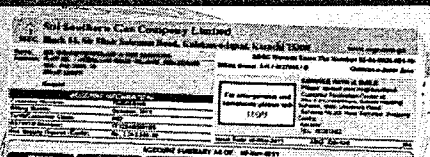
CURRENT CHARGES (Rs.)

	Gas Charges	28,858
	Meter Rent	2,500
	General Sales Tax	5,338
	Withholding Tax @ 4%	
	Other Charges	
	Less: Provisional/Bill Corrections	
	Adjustments - Debit	
	Adjustments - Credit	

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M/S KESC BIN QASIM (RUN 03)
K - Electric Limited
Plot No. EZ/1/1,

Customer Number	Total Amount Due	Due Date	Payable Date
5044380000 (3)	5,181,247,042	18 Jan 2022	5,181,247,042

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KESC BIN QASIM (RUN 04)

SSGC General Sales Tax Number 02-04-9028-001-19

K - Electric Limited
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Billing Group: (A-11/0108985 /09)

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ACCOUNT INFORMATION

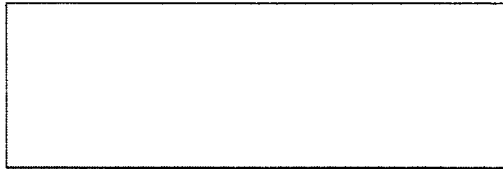
Customer Number: 1044380000 (7)
Billing Month: Dec- 2021
Tariff/Customer Class: IND
GST/NTN Number: 1200271600728

Issue Date: 03-Jan-2022

ACCOUNT SUMMARY AS OF

Previous Balance (Rs.)	Current Charges (Rs.)	Payable Within Due Date (Rs.)	Late Payment Surcharge (Rs.)	Payment After Due Date (Rs.)	Due Date
3,604,989,423	36,736	3,605,026,159		3,605,026,159	18 Jan 2022

MONTHLY CONSUMPTION



METER INFORMATION

METER No.	CURRENT DATE	CURRENT READING	PREVIOUS DATE	PREVIOUS READING	MEASURED QTY (SCM)
18143203	31-Dec-2021	1460272	30-Nov-2021	1460272	0
RLNG VOL	31-Dec-2021		30-Nov-2021		0 -
SMS CODE	GCV (BTU/SCF)	MMBTU	No. OF MONTHS	PRESSURE	TEMPERATURE
1009.874194		.0	01	1	1

BILL & PAYMENT HISTORY

Month	Bill Amount (Rs.)	Payment Date	Amount (Rs.)

BILL CALCULATION

ACTUAL BILL CONSUMPTIVE

COMPUTATION OF CURRENT GAS CHARGES

SLAB	CMs	MMBTU	RATE/ MMBTU (Rs.)	AMOUNT (Rs.)

IMPORTANT MESSAGES

CURRENT CHARGES (Rs.)

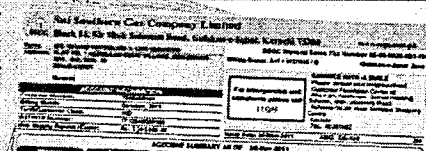
Gas Charges	28,898
Meter Rent	2,500
General Sales Tax	5,338
Withholding Tax @ 4%	
Other Charges	
Less: Provisional/Bill Corrections	
Adjustments - Debit	
Adjustments - Credit	

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Customer Number	Total Amount Due	Due Date	Final Due Date
1044380000 (7)	3,605,026,159	18 Jan 2022	3,605,026,159

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KESC BIN QASIM (RUN 05)

K - Electric Limited
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SSGC General Sales Tax Number 02-04-9028-001-19

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ACCOUNT INFORMATION

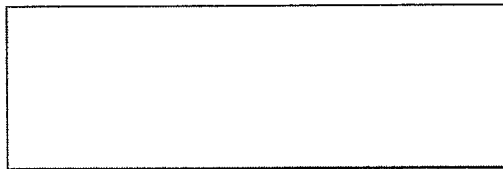
Customer Number: 4044380000 (4)
Billing Month: Dec-2021
Tariff/Customer Class: IND
GST/NTN Number: 1200271600728

Issue Date: 03-Jan-2022

ACCOUNT SUMMARY AS OF

Previous Balance (Rs.)	Current Charges (Rs.)	Payable Within Due Date (Rs.)	Late Payment Surcharge (Rs.)	Payment After Due Date (Rs.)	Due Date
4,629,641,413	36,736	4,629,678,148		4,629,678,148	18 Jan 2022

MONTHLY CONSUMPTION



METER INFORMATION

METER No.	CURRENT DATE	CURRENT READING	PREVIOUS DATE	PREVIOUS READING	MEASURED QTY (SCM)
M2121940	31-Dec-2021	81585045	30-Nov-2021	81585045	0
RLNG VOL	31-Dec-2021		30-Nov-2021		0 -
SMS CODE	GCV (BTU/SCF)	MMBTU	No. OF MONTHS	PRESSURE	TEMPERATURE
1009.874194		.0	01	1	1

BILL & PAYMENT HISTORY

Month	Bill Amount (Rs.)	Payment Date	Amount (Rs.)

BILL CALCULATION

ACTUAL BILL CONSUMPTIVE

COMPUTATION OF CURRENT GAS CHARGES

SLAB	CMs	MMBTU	RATE/ MMBTU (Rs.)	AMOUNT (Rs.)

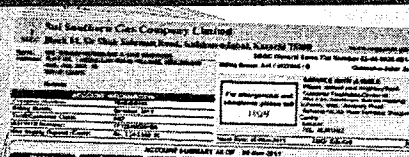
IMPORTANT MESSAGES

CURRENT CHARGES (Rs.)

Gas Charges	28,898
Meter Rent	2,500
General Sales Tax	5,338
Withholding Tax @ 4%	
Other Charges	
Less: Provisional/Bill Corrections	
Adjustments - Debit	
Adjustments - Credit	

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M/S KESC BIN QASIM (RUN 05)
K - Electric Limited
Plot No. EZ/1/1,

Customer Number	Total Amount Due	Due Date	Amount Due
4044380000 (4)	4,629,678,148	18 Jan 2022	4,629,678,148

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KESC BIN QASIM (RUN 06)

SSGC General Sales Tax Number 02-04-9028-001-19

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Billing Group: (A-1/0108985/09)

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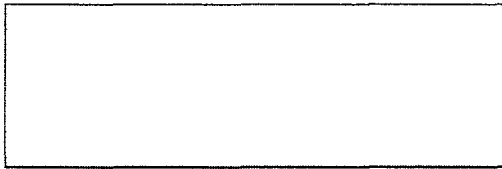
Customer Number: 9934380000 (1)
Billing Month: Dec- 2021
Tariff/Customer Class: IND
GST/NTN Number: 1200271600728

Issue Date: 03-Jan-2022

ACCOUNT SUMMARY AS OF

Previous Balance (Rs.)	Current Charges (Rs.)	Payable Within Due Date (Rs.)	Late Payment Surcharge (Rs.)	Payment After Due Date (Rs.)	Due Date
6,522,494,282	2,925	6,522,497,207		6,522,497,207	18 Jan 2022

MONTHLY CONSUMPTION



METER INFORMATION

METER No.	CURRENT DATE	CURRENT READING	PREVIOUS DATE	PREVIOUS READING	MEASURED QTY (SCM)
18143197	31-Dec-2021	11593206	30-Nov-2021	9959728	1633478
RLNG VOL	31-Dec-2021		30-Nov-2021		1633478 -
SMS CODE	GCV (BTU/SCF)	MMBTU	No. OF MONTHS	PRESSURE	TEMPERATURE
1009.874194	.0	01	1	1	

BILL & PAYMENT HISTORY

Month	Bill Amount (Rs.)	Payment Date	Amount (Rs.)

BILL CALCULATION

ACTUAL BILL CONSUMPTIVE

COMPUTATION OF CURRENT GAS CHARGES

SLAB	CMs	MMBTU	RATE/ MMBTU (Rs.)	AMOUNT (Rs.)

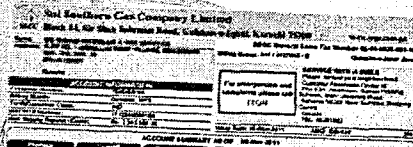
IMPORTANT MESSAGES

CURRENT CHARGES (Rs.)

Gas Charges	
Meter Rent	2,500
General Sales Tax	425
Withholding Tax @ 4%	
Other Charges	
Less: Provisional/Bill Corrections	
Adjustments - Debit	
Adjustments - Credit	

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M/S KESC BIN QASIM (RUN 06)
K - Electric Limited
Plot No.EZ/1/1,

Customer Number	Total Amount Due	Due Date	Amount Due
9934380000 (1)	6,522,497,207	18 Jan 2022	6,522,497,207



Sui Southern Gas Company Limited

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KESC KORANGI THERMAL POWER STATION (KTPS)

K - Electric Limited

Plot No. 1,

Ibrahim Haydri, Korangin Creek, Near PAF Base Korang

ACCOUNT INFORMATION

Customer Number: 8688117075 (6)

Billing Month: Dec-2021

Tariff/Customer Class: IND

GST/NTN Number: 1200271600728

SSGC General Sales Tax Number 02-04-9028-001-19

Billing Group: (A-1/0108985/09)

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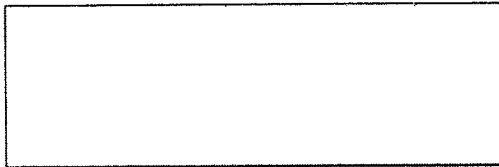
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Issue Date: 03-Jan-2022

ACCOUNT SUMMARY AS OF

Previous Balance (Rs.)	Current Charges (Rs.)	Payable Within Due Date (Rs.)	Late Payment Surcharge (Rs.)	Payment After Due Date (Rs.)	Due Date
8,705,106,359	2,925	8,705,109,284		8,705,109,284	18 Jan 2022

MONTHLY CONSUMPTION



METER INFORMATION

METER No.	CURRENT DATE	CURRENT READING	PREVIOUS DATE	PREVIOUS READING	MEASURED QTY (SCM)
16384818	31-Dec-2021	98929317	30-Nov-2021	98868998	60319
RLNG VOL	31-Dec-2021		30-Nov-2021		60319 -
SMS CODE	GCV (BTU/SCF)	MMBTU	No. OF MONTHS	PRESSURE	TEMPERATURE
1005.416126	.0	01	1	1	1

BILL & PAYMENT HISTORY

Month	Bill Amount (Rs.)	Payment Date	Amount (Rs.)

BILL CALCULATION

ACTUAL BILL CONSUMPTIVE

COMPUTATION OF CURRENT GAS CHARGES

SLAB	CMs	MMBTU	RATE/ MMBTU (Rs.)	AMOUNT (Rs.)

IMPORTANT MESSAGES

CURRENT CHARGES (Rs.)

Gas Charges	
Meter Rent	2,500
General Sales Tax	425
Withholding Tax @ 4%	
Other Charges	
Less: Provisional/Bill Corrections	
Adjustments - Debit	
Adjustments - Credit	

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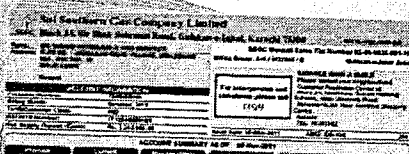
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M/S KESC KORANGI THERMAL POWER STATION (KTPS)

K - Electric Limited

Plot No. 1,

Customer Number	Total Amount Due	Due Date	Amount Due
8688117075 (6)	8,705,109,284	18 Jan 2022	8,705,109,284



Sui Southern Gas Company Limited

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KESC KORANGI THERMAL POWER STATION (KTPS)

SSGC General Sales Tax Number 02-04-9028-001-19

K - Electric Limited

Billing Group: (A-11/0108985/09)

Plot No. 1.,

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ACCOUNT INFORMATION

Customer Number: 7070404620 (3)

Billing Month: Dec-2021

Tariff/Customer Class: IND

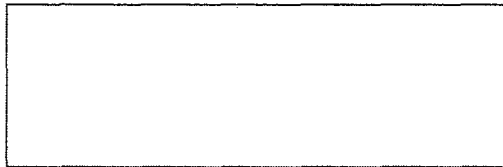
GST/NTN Number: 1200271600728

Issue Date: 03-Jan-2022

ACCOUNT SUMMARY AS OF

Previous Balance (Rs.)	Current Charges (Rs.)	Payable Within Due Date (Rs.)	Late Payment Surcharge (Rs.)	Payment After Due Date (Rs.)	Due Date
8,867,063,457	2,925	8,867,066,382		8,867,066,382	18 Jan 2022

MONTHLY CONSUMPTION



METER INFORMATION

METER No.	CURRENT DATE	CURRENT READING	PREVIOUS DATE	PREVIOUS READING	MEASURED QTY (SCM)
16392828	31-Dec-2021	94434841	30-Nov-2021	94371565	63276
RLNG VOL	31-Dec-2021		30-Nov-2021		63276 -
SMS CODE	GCV (BTU/SCF)	MMBTU	No. OF MONTHS	PRESSURE	TEMPERATURE
1005.416126		.0	01	1	1

BILL & PAYMENT HISTORY

Month	Bill Amount (Rs.)	Payment Date	Amount (Rs.)

BILL CALCULATION

ACTUAL BILL CONSUMPTIVE

COMPUTATION OF CURRENT GAS CHARGES

SLAB	CMs	MMBTU	RATE/ MMBTU (Rs.)	AMOUNT (Rs.)

IMPORTANT MESSAGES

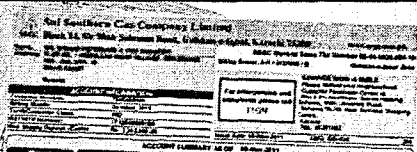
CURRENT CHARGES (Rs.)

Gas Charges	
Meter Rent	2,500
General Sales Tax	425
Withholding Tax @ 4%	
Other Charges	
Less: Provisional/Bill Corrections	
Adjustments - Debit	
Adjustments - Credit	

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Gulshan-e-Iqbal, Karachi 75300

M/S KESC KORANGI THERMAL POWER STATION (KTPS)
K - Electric Limited
Plot No. 1.,

Customer Number	Total Amount Due	Due Date	Amount Due
7070404620 (3)	8,867,066,382	18 Jan 2022	8,867,066,382

Sui Southern Gas Company Limited

SSGC Block 14, Sir Shah Suleman Road, Gulshan-e-Iqbal, Karachi 75300

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KESC KORANGI THERMAL POWER STATION (KTPS-By Pass)

SSGC General Sales Tax Number 02-04-9028-001-19

K - Electric Limited

Billing Group: (A-1/0108985 /09)

Plot No. 1.,

Ibrahim Haydri, Korangin Creek, Near PAF Base Korangi

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ACCOUNT INFORMATION

Customer Number: 4949261420 (8)
Billing Month: Dec- 2021
Tariff/Customer Class: IND
GST/NTN Number: 1200271600728

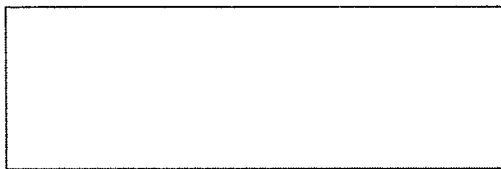
Issue Date: 03-Jan-2022

ACCOUNT SUMMARY AS OF

Previous Balance (Rs.)	Current Charges (Rs.)	Payable Within Due Date (Rs.)	Late Payment Surcharge (Rs.)	Payment After Due Date (Rs.)	Due Date
1,653,307,158	36,736	1,653,343,894		1,653,343,894	18 Jan 2022

MONTHLY CONSUMPTION

METER INFORMATION



METER No.	CURRENT DATE	CURRENT READING	PREVIOUS DATE	PREVIOUS READING	MEASURED QTY (SCM)
20609091	31-Dec-2021	36	30-Nov-2021	36	0
RLNG VOL	31-Dec-2021		30-Nov-2021		0 -
SMS CODE	GCV (BTU/SCF)	MMBTU	No. OF MONTHS	PRESSURE	TEMPERATURE
1005.416126	.0	01	1	1	1

BILL & PAYMENT HISTORY

BILL CALCULATION

Month	Bill Amount (Rs.)	Payment Date	Amount (Rs.)

ACTUAL BILL CONSUMPTIVE				
COMPUTATION OF CURRENT GAS CHARGES				
SLAB	CMs	MMBTU	RATE/ MMBTU (Rs.)	AMOUNT (Rs.)

IMPORTANT MESSAGES

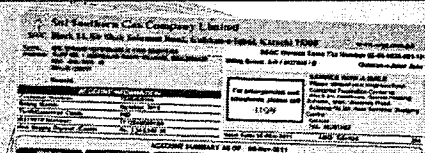
CURRENT CHARGES (Rs.)

Gas Charges	28,898
Meter Rent	2,500
General Sales Tax	5,338
Withholding Tax @ 4%	
Other Charges	
Less: Provisional/Bill Corrections	
Adjustments - Debit	
Adjustments - Credit	

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M/S KESC KORANGI THERMAL POWER STATION (KTPS-By Pass)
K - Electric Limited
Plot No. 1.,

Customer Number	Total Amount Due	Due Date	Amount Due
4949261420 (8)	1,653,343,894	18 Jan 2022	1,653,343,894

Sui Southern Gas Company Limited

SSGC Block 14, Sir Shah Suleman Road, Gulshan-e-Iqbal, Karachi 75300

www.ssgc.com.pk

KESC KORANGI TOWN GAS TURBINE (KTGT)

SSGC General Sales Tax Number 02-04-9028-001-19

K - Electric Limited

Billing Group: (A-11/0108985 /09)

Plot No. 1.,

Sector-19 Korangi Industrial Area, NC 376 Deh Fai Tappo Landhi

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ACCOUNT INFORMATION

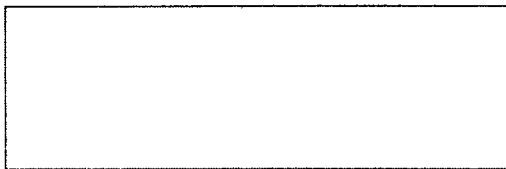
Customer Number: 6322910000 (1)
Billing Month: Dec- 2021
Tariff/Customer Class: IND
GST/NTN Number: 1200271600728

Issue Date: 03-Jan-2022

ACCOUNT SUMMARY AS OF

Previous Balance (Rs.)	Current Charges (Rs.)	Payable Within Due Date (Rs.)	Late Payment Surcharge (Rs.)	Payment After Due Date (Rs.)	Due Date
4,883,115,465	3,510	4,883,118,975		4,883,118,975	18 Jan 2022

MONTHLY CONSUMPTION



METER INFORMATION

METER No.	CURRENT DATE	CURRENT READING	PREVIOUS DATE	PREVIOUS READING	MEASURED QTY (SCM)
16128823	31-Dec-2021	19601260	30-Nov-2021	19584419	16841
RLNG VOL	31-Dec-2021		30-Nov-2021		16841 -
SMS CODE	GCV (BTU/SCF)	MMBTU	No. OF MONTHS	PRESSURE	TEMPERATURE
971.061292		.0	01	1	1

BILL & PAYMENT HISTORY

Month	Bill Amount (Rs.)	Payment Date	Amount (Rs.)

BILL CALCULATION

ACTUAL BILL CONSUMPTIVE

COMPUTATION OF CURRENT GAS CHARGES

SLAB	CMs	MMBTU	RATE/ MMBTU (Rs.)	AMOUNT (Rs.)

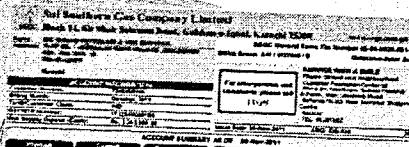
IMPORTANT MESSAGES

CURRENT CHARGES (Rs.)

	Gas Charges	
	Meter Rent	3,000
	General Sales Tax	510
	Withholding Tax @ 4%	
	Other Charges	
	Less: Provisional/Bill Corrections	
	Adjustments - Debit	
	Adjustments - Credit	

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M/S KESC KORANGI TOWN GAS TURBINE (KTGT)

K - Electric Limited

Plot No. 1.,

Customer Number	Total Amount Due	Due Date	Amount Due
6322910000 (1)	4,883,118,975	18 Jan 2022	4,883,118,975



Sui Southern Gas Company Limited

SSGC Block 14, Sir Shah Suleman Road, Gulshan-e-Iqbal, Karachi 75300

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KESC SITE GAS TURBINE POWER STATION - 1

K - Electric Limited

Plot No. F-255,

Site Area, (Site Gas Turbine Power Station)

SSGC General Sales Tax Number 02-04-9028-001-19

Billing Group: (A-11/0108985 /09)

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ACCOUNT INFORMATION

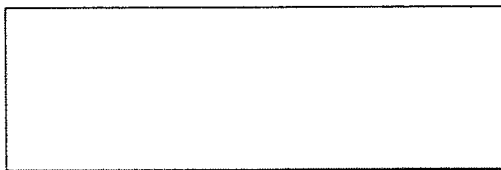
Customer Number: 1796310000 (7)
Billing Month: Dec- 2021
Tariff/Customer Class: IND
GST/NTN Number: 1200271600728

Issue Date: 03-Jan-2022

ACCOUNT SUMMARY AS OF

Previous Balance (Rs.)	Current Charges (Rs.)	Payable Within Due Date (Rs.)	Late Payment Surcharge (Rs.)	Payment After Due Date (Rs.)	Due Date
4,169,952,089	3,510	4,169,955,599		4,169,955,599	18 Jan 2022

MONTHLY CONSUMPTION



METER INFORMATION

METER No.	CURRENT DATE	CURRENT READING	PREVIOUS DATE	PREVIOUS READING	MEASURED QTY (SCM)
16647825	31-Dec-2021	34228921	30-Nov-2021	34202954	25967
RLNG VOL	31-Dec-2021		30-Nov-2021		25967 -
SMS CODE	GCV (BTU/SCF)	MMBTU	No. OF MONTHS	PRESSURE	TEMPERATURE
1032.012904		.0	01	1	1

BILL & PAYMENT HISTORY

Month	Bill Amount (Rs.)	Payment Date	Amount (Rs.)

BILL CALCULATION

ACTUAL BILL CONSUMPTIVE

COMPUTATION OF CURRENT GAS CHARGES

SLAB	CMs	MMBTU	RATE/ MMBTU (Rs.)	AMOUNT (Rs.)

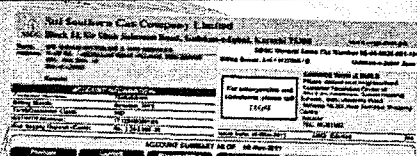
IMPORTANT MESSAGES

CURRENT CHARGES (Rs.)

Gas Charges	3,000
Meter Rent	
General Sales Tax	510
Withholding Tax @ 4%	
Other Charges	
Less: Provisional/Bill Corrections	
Adjustments - Debit	
Adjustments - Credit	

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M/S KESC SITE GAS TURBINE POWER STATION - 1

K - Electric Limited

Plot No. F-255,

Customer Number	Total Amount Due	Due Date	Amount Due
1796310000 (7)	4,169,955,599	18 Jan 2022	4,169,955,599

3,295,189,784

Sui Southern Gas Company Limited

SSGC Block 14, Sir Shah Suleman Road, Gulshan-e-Iqbal, Karachi 75300

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KESC KORANGI THERMAL POWER STATION (KTPS)

SSGC General Sales Tax Number 02-04-9028-001-19

K - Electric Limited

Billing Group: (A-1/0108985 /09)

Plot No. 1.,

Ibrahim Haydri, Korangin Creek, Near PAF Base Korang

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ACCOUNT INFORMATION

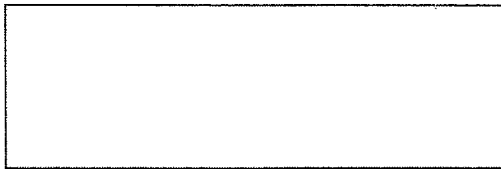
Customer Number: 5350810000 (4)
Billing Month: Dec-2021
Tariff/Customer Class: IND
GST/NTN Number: 1200271600728

Issue Date: 03-Jan-2022

ACCOUNT SUMMARY AS OF

Previous Balance (Rs.)	Current Charges (Rs.)	Payable Within Due Date (Rs.)	Late Payment Surcharge (Rs.)	Payment After Due Date (Rs.)	Due Date
1,794,092	37,321	1,831,413		1,831,413	18 Jan 2022

MONTHLY CONSUMPTION



METER INFORMATION

METER No.	CURRENT DATE	CURRENT READING	PREVIOUS DATE	PREVIOUS READING	MEASURED QTY (SCM)
MMM00001	31-Dec-2021	1	30-Nov-2021	1	0
RLNG VOL	31-Dec-2021		30-Nov-2021		0 -
SMS CODE	GCV (BTU/SCF)	MMBTU	No. OF MONTHS	PRESSURE	TEMPERATURE
1005.416126			01	1	1

BILL & PAYMENT HISTORY

Month	Bill Amount (Rs.)	Payment Date	Amount (Rs.)

BILL CALCULATION

ACTUAL BILL CONSUMPTIVE

COMPUTATION OF CURRENT GAS CHARGES

SLAB	CMs	MMBTU	RATE/ MMBTU (Rs.)	AMOUNT (Rs.)

IMPORTANT MESSAGES

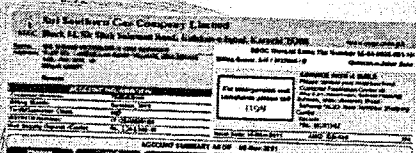
CURRENT CHARGES (Rs.)

Gas Charges	28,898
Meter Rent	3,000
General Sales Tax	5,423
Withholding Tax @ 4%	
Other Charges	
Less: Provisional/Bill Corrections	
Adjustments - Debit	
Adjustments - Credit	

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M/S KESC KORANGI THERMAL POWER STATION (KTPS)
K - Electric Limited
Plot No. 1.,

Customer Number	Total Amount Due	Due Date	Amount Due
5350810000 (4)	1,831,413	18 Jan 2022	1,831,413

Sui Southern Gas Company Limited

SSGC Block 14, Sir Shah Suleman Road, Gulshan-e-Iqbal, Karachi 75300

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KESC WEST WHARF GRID STATION

K - Electric Limited

Gr. Floor, BOC Building,

KE House, 39-B, Sunset Boulevard, DHA-II, Karachi

SSGC General Sales Tax Number 02-04-9028-001-19

Billing Group: (A-1/0108985 /09)

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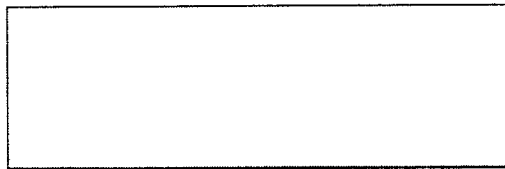
Customer Number: 0193690545 (2)
Billing Month: Dec-2021
Tariff/Customer Class: IND
GST/NTN Number: 1200271600728

Issue Date: 03-Jan-2022

ACCOUNT SUMMARY AS OF

Previous Balance (Rs.)	Current Charges (Rs.)	Payable Within Due Date (Rs.)	Late Payment Surcharge (Rs.)	Payment After Due Date (Rs.)	Due Date
3,899,512	36,151	3,935,663		3,935,663	18 Jan 2022

MONTHLY CONSUMPTION



METER INFORMATION

METER No.	CURRENT DATE	CURRENT READING	PREVIOUS DATE	PREVIOUS READING	MEASURED QTY (SCM)
14240562	31-Dec-2021	514	30-Nov-2021	514	0
RLNG VOL	31-Dec-2021		30-Nov-2021		0 -
SMS CODE	GCV (BTU/SCF)	MMBTU	No. OF MONTHS	PRESSURE	TEMPERATURE
1064.996771			01	1	1

BILL & PAYMENT HISTORY

Month	Bill Amount (Rs.)	Payment Date	Amount (Rs.)

BILL CALCULATION

ACTUAL BILL CONSUMPTIVE

COMPUTATION OF CURRENT GAS CHARGES

SLAB	CMs	MMBTU	RATE/ MMBTU (Rs.)	AMOUNT (Rs.)

IMPORTANT MESSAGES

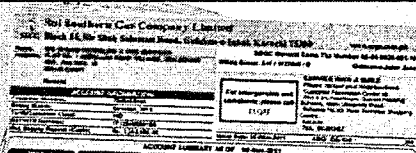
CURRENT CHARGES (Rs.)

Gas Charges	28,898
Meter Rent	2,000
General Sales Tax	5,253
Withholding Tax @ 4%	
Other Charges	
Less: Provisional/Bill Corrections	
Adjustments - Debit	
Adjustments - Credit	

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M/S KESC WEST WHARF GRID STATION

K - Electric Limited

Gr. Floor, BOC Building,

Customer Number	Total Amount Due	Due Date	1199
0193690545 (2)	3,935,663	18 Jan 2022	3,935,663

K-Electric Limited

RLNG Bill December 2021

Description	MMBTU (As per Bills)	Cubic Meters	GCV AS PER BILLS	MMCF	MMCFD	Amount excluding Meter rent	Rs/ MMBTU
BIN QASIM-I							
Run - 1 7934380000	-	-	-	-	-	-	-
Run - 2 2044380000	-	-	-	-	-	-	-
Run - 3 5044380000	-	-	-	-	-	-	-
Run - 4 1044380000	-	-	-	-	-	-	-
Run - 5 4044380000	-	-	-	-	-	-	-
Run - 6 9934380000	58,551.007	1,633,478	1,009.874	57.979	1.870	128,978,499	2,202.84
Total	58,551.007	1,633,478	1,009.874	57.97852	1.870	128,978,499	2,202.84
BIN QASIM COMBINED CYCLE POWER PLANT-II							
Run - 7 0551223410	564,259.618	15,741,927	1,009.874	558.742	18.024	1,242,973,657	2,202.84
Run - 8 0424859959	583,681.824	16,283,775	1,009.874	577.975	18.644	1,285,757,669	2,202.84
Run - 9 1463452993	596,315.749	16,636,241	1,009.874	590.485	19.048	1,313,588,185	2,202.84
Run - 10 1339600597	609,678.212	17,009,032	1,009.874	603.717	19.475	1,343,023,552	2,202.84
Run - 11 3188266041	-	-	-	-	-	-	-
Total	2,353,935.403	65,670,975	1,009.874	2,330.919	75.191	5,185,343,063	2,202.84
KORANGI TOWN GAS TURBINE-II							
KTGTPS - 1 6322910000	580.455	16,841	971.061	0.598	0.019	1,278,649	2,202.84
KTGTPS - 2 4655415095	275.424	7,991	971.061	0.284	0.009	606,715	2,202.84
Total	855.879	24,832	971.061	0.881	0.028	1,885,364	2,202.84
SITE GAS TURBINE-II							
SGTPS - 1 1796310000	951.176	25,967	1,032.013	0.922	0.030	2,095,288	2,202.84
SGTPS - 2 5999978254	775.530	21,090	1,032.013	0.749	0.024	1,701,761	2,202.84
Total	1,726.706	47,057	1,032.013	1.670	0.054	3,797,049	2,202.84
KORANGI COMBINED CYCLE POWER PLANT							
KTPS - 1 8688117075	2,152.553	60,319	1,005.416	2.141	0.069	4,741,729	2,202.84
KTPS - 2 7070404620	2,258.077	63,276	1,005.416	2.246	0.072	4,974,181	2,202.84
KTPS - 3 By Pass	-	-	-	-	-	-	-
Total	4,410.629	123,595	1,005.416	4.387	0.142	9,715,910	2,202.84
Total KE Generating Stations	2,419,479.623	67,499,937	1,009.868	2,395.836	77.285	5,329,719,885	2,202.84
						GST	906,052,380
						SSGC RLNG Billed	6,235,772,265

آئل اینڈ گیس
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Oil & Gas
Regulatory Authority

No. OGRA-10-11(8)/2021

December 08, 2021

Managing Director
Pakistan State Oil Limited,
PSO House, Khayaban-e-Iqbal,
Clifton, Karachi.

Managing Director
Pakistan LNG Limited,
Petroleum House, G-5,
Islamabad.

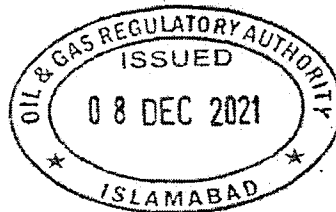
Subject: Determination of Re-Gasified Liquefied Natural Gas (RLNG) Weighted Average Sale Provisional Price for the Month of December 2021.

Dear Sir,

Reference emails of PLL and PSO on the above subject.

2. In pursuance of the approval of the Authority and in accordance with the Federal Government decision regarding "RLNG Allocation, Pricing and Associated Matters" and advice from Ministry of Energy regarding weighted average sale price dated January 22, 2018, RLNG Weighted Average Sale price for the month of December 2021 has been computed as attached at Annexure-A and Annexure- B.

Best Regards;



(Dr. Abdul Basit Qureshi)
Registrar
For and behalf of Authority

etc

- Cc to: 1. Managing Director, SSGCL, St-4-B, Block 14, Sir Shah Suleman Road, Gulshan-e-Iqbal, Karachi.
2. Managing Director, SNGPL, 21-Kashmir Road, Gas House, Lahore.

54-B, Fazal ul Haq Road, Blue Area, Islamabad. PABX: +92 51 9244090-98, Fax: +92 51 9244310
+92 51 9244310: فیکس +92 51 9244090-98: فون 54-B فضل الحق روڈ، بلیو ایریا، اسلام آباد

COMPUTATION OF WEIGHTED AVERAGE RLNG PRICE FOR SNGPL DECEMBER 2021

Annex: A

Particulars	Unit	(SNGPL DECEMBER 2021)					
		Transmission		Distribution			
		PSO	PLL	PSO	PLL		
No. of Cargos		8	2	8	2		
Quantity Received		25,600,000	6,400,000	25,600,000	6,400,000		
Retainage PSO @ 0.72 % and PLL @ 0.5%		184,320	32,000	184,320	32,000		
Quantity Delivered at Terminal		25,415,680	6,368,000	25,415,680	6,368,000		
Transmission Loss SNGPL @ 0.38%		96,580	24,198				
Distribution Loss: SNGPL @ 6.3%				1,601,188	403,134		
Total Loss including Retainage		280,900	56,198	1,785,508	433,184		
%age Losses		1.10%	0.88%	6.97%	6.77%		
Quantity available for Sale		25,319,100	6,343,802	23,814,492	5,966,816		
LNG Price (DES)		10.1068	9.4809	10.1068	9.4809		
PSO/ PLL other Imports related costs		0.7207	0.5866	0.7207	0.5866		
PSO / PLL margin (@ 2.50%)		0.2527	0.2370	0.2527	0.2370		
Terminal Charges		0.3625	0.7692	0.3625	0.7692		
RLNG Cost		11.4427	11.1737	11.4427	11.1737		
Retainage volume adjustment		0.0830	0.0561	0.0830	0.0561		
T & D volume adjustment		0.0439	0.0429	0.7749	0.7551		
LSA management fee		0.0250	0.0250	0.0250	0.0250		
Cost of supply -SNGPL		0.2400	0.2400	0.2400	0.2400		
Cost of supply -SSGCL		0.1215	0.1215	0.1215	0.1215		
Total RLNG price without GST		11.9561	11.6592	12.6871	12.3714		
Quantity available for Sale	MMBTU	25,319,100	6,343,802	23,814,492	5,966,816		
Total cost of RLNG	US \$	302,717,396	73,963,414	302,136,561	73,817,644		
sum of Total RLNG cost (PSO & PLL)	US \$	376,680,810		375,954,205			
sum of quantity available for sale (PSO & PLL)	MMBTU	31,662,902		29,781,308			
Weighted Average Sale Price without GST	US \$/MMBTU	11.8966		12.6233			

Notes:

Calculation of LNG DES Price	PSO		PLL					
	6	2	1	1	0	0	0	0
No. of Cargoes								
Quantity (No. MMBTU)	19,200,000	6,400,000	3,200,000	3,200,000	-	-	-	-
Bricem-Sep-21	74.8668	74.8668	74.8668	74.8668	-	-	-	-
Bricem-Oct-21	83.7148	83.7148	83.7148	83.7148	-	-	-	-
Bricem-Nov-21	86.7886	80.7886	80.7886	80.7886	-	-	-	-
Brent_m	79.7901	79.7901	79.7901	79.7901	-	-	-	-
Slope	13.37%	10.20%	11.6247%	12.1400%	-	-	-	-
CP = Slope x Brent_m	10.6679	8.1386	9.2754	9.6865	-	-	-	-
Average DES USD/ MMBTU	10.0356				9.4809			
Port Charges (in the excess of limit borne by LNG supplier)	0.0712				0.0000			
DES Price USD/ MMBTU	10.1068				9.4809			

ii. Average cost of supply for has been taken on provisional basis as per DERR-FY 2021-22

iii. Weighted Average Sale Price has been worked out in light of the advice of the Ministry of Energy

iv. The figure of Retainage has been taken provisionally subject to adjustment upon actual.e finalized upon the actual results.

v. UFG has been taken @ 6.3% provisionally in line with separate decision of the Authority in this regard issued on 1.10.2021.

vi. The above prices have been computed on the basis of data provided by M/s PSO & M/s PLL. The parties (SNGPL, SSGCL, PSO & PLL) shall scrutinize the same on the basis of evidences before making payments as per their mutual agreements.

COMPUTATION OF WEIGHTED AVERAGE RLNG PRICE FOR SSGC: DECEMBER 2021 Annex: B

Particulars	Unit	(SSGC DECEMBER 2021)			
		Transmission		Distribution	
		PSO	PLL	PSO	PLL
No. of Cargos		8	2	8	2
Quantity Received		25,600,000	6,400,000	25,600,000	6,400,000
Retainage PSO @ 0.72 % and PLL @ 0.5%		184,320	32,000	184,320	32,000
Quantity Delivered at Terminal		25,415,680	6,368,000	25,415,680	6,368,000
Transmission Loss SSGCL @ 0.12%		30,499	7,642		
Distribution Loss: SSGCL @ 6.3%			-	1,601,188	401,184
Total Loss including Retainage		214,819	39,642	1,785,508	433,184
%age Losses		0.84%	0.62%	6.97%	6.77%
Quantity available for Sale		25,335,181	6,360,358	23,814,492	5,966,816
LNG Price (DES)		10.1068	9.4809	10.1068	9.4809
PSO/ PLL other imports related costs		0.7207	0.6866	0.7207	0.6866
PSO / PLL margin (@ 2.50%)		0.2527	0.2370	0.2527	0.2370
Terminal Charges		0.3625	0.7592	0.3625	0.7592
RLNG Cost		11.4427	11.1737	11.4427	11.1737
Retainage volume adjustment		0.0830	0.0561	0.0830	0.0561
T & D volume adjustment		0.0138	0.0135	0.7749	0.7551
LSA management fee		0.0250	0.0250	0.0250	0.0250
Cost of supply -SNGPL					
Cost of supply -SSGCL		0.1146	0.1146	0.1146	0.1146
Total RLNG price without GST		11.6791	11.3829	12.4402	12.1245
Quantity available for Sale	MMBTU	25,385,181	6,360,358	23,814,492	5,966,816
Total cost of RLNG	US \$	296,475,950	72,399,197	296,256,942	72,344,542
sum of Total RLNG cost (PSO & PLL)	US \$	368,875,157		368,601,484	
sum of quantity available for sale (PSO & PLL)	MMBTU	31,745,540		29,781,308	
Weighted Average Sale Price without GST	US \$ / MMBTU	11.6197		12.3769	

Notes:

I. Calculation of LNG DES Price		PSO		PLL					
No. of Cargoes		6	2	1	1	0	0	0	0
Quantity (No. MMBTU)		19,200,000	6,400,000	3,200,000	3,200,000	-	-	-	-
Bricem-Sep-21		74.8668	74.8668	74.8668	74.8668	-	-	-	-
Bricem-Oct-21		83.7148	83.7148	83.7148	83.7148	-	-	-	-
Bricem-Nov-21		80.7886	80.7886	80.7886	80.7886	-	-	-	-
Brent_m		79.7901	79.7901	79.7901	79.7901	-	-	-	-
Slope		13.37%	10.20%	11.6247%	12.1400%	-	-	-	-
CP = Slope x Brent_m		10.6679	8.1386	9.2754	9.6865	-	-	-	-
Average DES		10.0356				9.4809			
Port Charges (in the excess of limit borne by LNG supplier)		0.0712				0.0000			
DES Price USD / MMBTU		10.1068				9.4809			

- ii. Average cost of supply for has been taken on provisional basis as per DERR-2021-22.
- iii. Weighted Average Sale Price has been worked out in light of the advice of the Ministry of Energy
- iv. The figure of Retainage has been taken provisionally subject to adjustment upon actual e finalized upon the actual results.
- v. UFG has been taken @ 6.3% provisionally in line with separate decision of the Authority in this regard issued on 1.10.2021.
- vi. The above prices have been computed on the basis of data provided by M/s PSO & M/s PLL. The parties (SNGPL, SSGCL, PSO & PLL) shall scrutinize the same on the basis of evidences before making payments as per their mutual agreements.

Customer Number	Total Amount Due	Due Date	After Due Date
0551223410 (1)	1,454,279,179	05 Jan 2022	1,476,093,367

www.ssgc.com.pk

SSGC General Sales Tax Number 02-04-9028-001-19

Bin Qasim, Karachi

GST/NTN Number: 1200271600728

1199

SERVICE WITH A SMILE
Contact your Neighborhood
Customer Facilitation Center at:
SIR SHAH SULEMAN ROAD
GULSHAN-E-IQBAL
NEAR CIVIC CENTER. TEL:
99021041

Issue Date: 03 Jan 22

05 Jan 2022

Plot No.EZ/1/1.

Customer Number	Total Amount Due	Due Date	Amount Due
0424859959 (8)	1,504,336,473	05 Jan 2022	1,526,901,520

www.ssgc.com.pk

SSGC General Sales Tax Number 02-04-9028-001-19

K - Electric Limited
Plot No.EZ/1/1,
Bin Qasim, Karachi

Billing Group: (A-I1/0108985 /12)

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ACCOUNT INFORMATION

Customer Number: 1463452993 (0)

Billing Month	Dec 2021
---------------	----------

Tariff/Customer Class	IND
-----------------------	-----

GST/NTN Number: 1200271600728

Issue Date: 03 Jan 22

ACCOUNT SUMMARY AS OF

Previous Balance (Rs.)	Current Charges (Rs.)	Payable Within Due Date (Rs.)	Late Payment Surcharge (Rs.)	Payment After Due Date (Rs.)	Due Date
	1,536,898,177	1,536,898,176	23,053,473	1,559,951,649	05 Jan 2022

MONTHLY CONSUMPTION

METER INFORMATION

METER No.	CURRENT DATE	CURRENT READING	PREVIOUS DATE	PREVIOUS READING	MEASURED QTY (SCM)
M16647821	31 Dec 2021		01 Dec 2021		16,636.241

SMS CODE	GCV (BTU/SCF)	MMBTU	No. CF DAYS	PRESSURE	TEMP
1009.874194	596.315.74922		1	1	

BILL & PAYMENT HISTORY

BILL CALCULATION

[illegible]

Tariff \$ = 177.98

Tariff Rs. 2202.84

COMPUTATION OF CURRENT GAS CHARGES

[illegible]

IMPORTANT MESSAGES

CURRENT CHARGES (RS.)

Gas Charges	1,313,588,185
Meter Rent	
General Sales Tax	223,309,991
Withholding Tax @ 4%	
Other Charges	
Less: Provisional/Bill Corrections	
Adjustments - Debit	
Adjustments - Credit	

VIEW YOUR GAS BILL ONLINE

آپ اپنا DUPLICATE کیس مل کر بیٹھے ہماری ویب سائٹ
www.ssgc.com.pk

سے حاصل کر سکتے ہیں۔ مزید معلومات اور تفصیلات کے لئے



**Sui Southern Gas
Company Limited**

۱۱۹۹ ر کال سمجھے۔

[illegible]

گیس بل عیب سائنٹ ہے حاصل کیجیے
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to view and download your duplicate
gas bill.

For inquiries and assistance,
please call 1199.

1199

www.ssgc.com.pk



Block 14, Sir Shah Suleman Road
Gulshan-e-Iqbal, Karachi 75300

www.ssgc.com.pk

M/S KESC BIN QASIM (RUN 09)

X - Electric Limited

Plot No.EZ/1/1.

Customer Number	Total Amount Due	Due Date	Amort Due Date
1463452993 (0)	1,536,898,176	05 Jan 2022	1,559,951,649

1,594,907,619

153,168,417

www.ssgc.com.pk

SSGC General Sales Tax Number 02-04-9028-001-19

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99021041

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GST/NTN Number: 1200271600728

Issue Date: 03 Jan 22

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Customer Number	Total Amount Due	Due Date	After Due Date
8688117075 (1)	5,547,823	05 Jan 2022	5,631,040

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SSGC General Sales Tax Number 02-04-9028-001-19

Ibrahim Haydri, Korangin Creek, Near PAF Base Korangi

GST/NTN Number: 1200271600728

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GULSHAN-E-IQBAL
NEAR CIVIC CENTER. TEL:
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Issue Date: 03 Jan 22

05 Jan 2022

63.276

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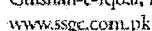
Tariff Rs. 2202.84

Adjustment

Adjustments - Credit

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Plot No. 1..

Customer Number	Total Amount Due	Due Date	Agreed Date
7070404620 (I)	5,819,792	05 Jan 2022	5,907,089

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SSGC General Sales Tax Number 02-04-9028-001-19

Sector-19 Korangi Industrial Area, NC 376 Deh Fai Tappo Landhi

ACCOUNT INFORMATION

GST/NTN Number: 1200271600728

Billing Group: (A-11/0108985 /12)

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GULSHAN-E-IQBAL
NEAR CIVIC CENTER. TEL:
99021041

Issue Date: 03 Jan 22

ACCOUNT SUMMARY AS OF

Previous Balance (Rs.)	Current Charges (Rs.)	Payable Within Due Date (Rs.)	Late Payment Surcharge (Rs.)	Payment After Due Date (Rs.)	Due Date
	1,496,019	1,496,019	22,440	1,518,459	05 Jan 2022

MONTHLY CONSUMPTION

METER INFORMATION

METER No.	CURRENT DATE	CURRENT READING	PREVIOUS DATE	PREVIOUS READING	MEASURED QTY (SCM)
16128823	31 Dec 2021		01 Dec 2021		16.841

SMS CODE	GCV (BTU/SCF)	MMBTU	NO. OF DAYS	PRESSURE	TEMP
	971.061292	580.454685		1	1

BILL & PAYMENT HISTORY

BILL CALCULATION

[illegible]

Tariff \$ = 177.98

Tariff Rs. 2202.84

COMPUTATION OF CURRENT GAS CHARGES

[illegible]

IMPORTANT MESSAGES

CURRENT CHARGES (RS.)

Gas Charges	1,278,649
Meter Rent	
General Sales Tax	217,370
Withholding Tax @ 4%	
Other Charges	
Less: Provisional/Bill Corrections	
Adjustments - Debit	
Adjustments - Credit	

VIEW YOUR GAS BILL ONLINE

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www.ssgc.com.pk

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Sul Southern Gas
Company Limited ۱۱۹۹ برکال سمجھیے۔

[illegible]

Visit our website at www.ssgc.com.pk
to view and download your duplicate
gas bill.

For inquiries and assistance,
please call 1199.

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Plot No. 1..

Customer Number	Total Amount Due	Due Date	1/11/2022
6322910000 ()	1,496,019	05 Jan 2022	1,518,459

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SSGC General Sales Tax Number 02-04-9028-001-19

Sector-19 Korangi Industrial Area, NC 376 Deh Fai Tappo Landhi

[illegible]

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GULSHAN-E IQBAL
NEAR CIVIC CENTER. TEL:
99021041

Issue Date: 03 Jan 22

05 Jan 2022

1

Adjustment

Adjustments - Credit

Plot No. 1.,

1199

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Customer Number	Total Amount Due	Due Date	After Due Date
4655415095 (I)	709,856	05 Jan 2022	720,504



SSGC General Sales Tax Number 02-04-9028-001-19

Site Area, (Site Gas Turbine Power Station)

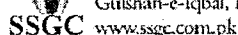
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NEAR CIVIC CENTER. TEL:
99021041

Issue Date: 03 Jan 22

05 Jan 2022

1199



Plot No. F-255,

Customer Number	Total Amount Due	Due Date	After Due Date
5999978254 (I)	1,991,060	05 Jan 2022	2,020,926



K - Electric Limited

(Formerly Karachi Electric Supply Company Limited)

Incoming Bill Sticker

Vendor Code	100403	Vendor Name: M/s. TAPAL ENERGY LIMITED			
Vendor Bill Details		Energy Payment for December-2021			Initiated by
Invoice Date	1-Jan-22	Invoice No.	EC-12/21/KE	Amount	863,556,826
Bill Receiving Date	1-Jan-22	P. O. No.		G. R. No.	
					Signature / Name / Date

Bill Verification Details					
GL Account	CC	Tax Code	Order No.	Amount (In Full Rupees)	Remarks
EAB005	220040000			863,556,826	Energy Paid Dec '21
			Gross Amount	863,556,826	
Parking No.		Less :	Down Payment		
Parking Date			EPP deduction for CV		
Payment Due Date	26-Jan-22		Less to be Paid ST		
Checked & Posted by			ST Deduction		
			LD Charges		
			Net Amount	863,556,826	
Accounts Payable			I. Tax		
			Amount Payable		

Rupees:-

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

Verified By MUHAMMAD IQBAL VORA Deputy General Manager Business Development K-ELECTRIC LIMITED Signature / Name / Date	Approved By AMIR RUZHAN QURESHI Head of Finance & Accounts K-ELECTRIC LIMITED Technical	Approved By FAHAD MAZHAR DGM BF Business Development BF Transmission & BD K-ELECTRIC LIMITED Commercial	Functional Approval MUHAMMAD FAIZAN PASHA General Manager L2 Business Finance K-ELECTRIC LIMITED FBA / COO *
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Payment Particulars					
Payment Doc. No	Date	Bank	Cheque No.	Cheque Date	Amount (In Full Rupees)

* as per signature mandate



TAPAL ENERGY (PRIVATE) LIMITED

Corporate Office: F-25 • Block 5 • Rojhan Street
Kehkashan • Clifton • Karachi - 75600 • Pakistan

Tel : +92-21-35876994 - 7

Fax : +92-21-35876991 & 35876993

Email : telcoff@tapalenergy.com.pk

Mr. Aamir Rizwan Qureshi,
Head of Fuel and IPP Management,
K-Electric Limited,
K-Electric House, 2nd Floor,
39-B, Sunset Boulevard,
Defence Phase II,
Karachi.

Date: January 01, 2022

Ref: TEL/KE-042/22

Dear Mr. Aamir,

Subject: Energy Charge Invoice for the month of December 2021

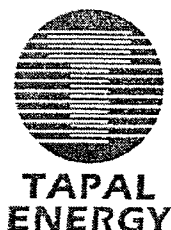
Pursuant to the Tariff Determination dated June 9, 2020 issued by NEPRA the invoice no. EC-12/21/KE dated January 01, 2022 for Energy Charge for the month of December 2021 is enclosed.

We look forward for payment of this invoice within due date.

Yours sincerely,

Mohammad Imran
Senior Manager Finance

- Encl
- 1) Invoice no. EC-12/21/KE dated January 01, 2022.
 - 2) Meter readings as of December 31, 2021.
 - 3) Copy of notification for fuel price changes.
 - 4) Copy of CBR notification for Sales Tax on POL products.
 - 5) Copy of clause 132 of the second schedule of Income Tax Ordinance 2001.
 - 6) Copy of Consumer Price Index (CPI).
 - 7) Copy of Reference Tariff.
 - 8) Evidence for the actual Calorific Value (LHV) of furnace oil consumed.



TAPAL ENERGY (PRIVATE) LIMITED

Corporate Office: F-25 • Block 5 • Rojhan Street
Kehkashan • Clifton • Karachi - 75600 • Pakistan

Tel : +92-21-35876994 - 7

Fax : +92-21-35876991 & 35876993

Email : telcoff@tapalenergy.com.pk

K-Electric Limited
K-Electric House, 2nd Floor,
39-B, Sunset Boulevard,
Defence Phase II, DHA
Karachi, Pakistan.

Invoice for December 2021 Energy Charge

Invoice No. EC-12/21/KE

Invoice Date: January 01, 2022

Energy Charge due for the Period from December 01, 2021 to December 31, 2021

Fuel Cost Component (A)

(A) Fuel Cost Component (Rs./kWh)	23.7603
(B) Related Net Electrical Output (kWh)	3,344,789
(C) Subtotal (Rs.)	79,473,190

Fuel Cost Component (B)

(D) Fuel Cost Component (Rs./kWh)	24.8568
(E) Related Net Electrical Output (kWh)	3,503,415
(F) Subtotal (Rs.)	87,083,686

Fuel Cost Component (C)

(G) Fuel Cost Component (Rs./kWh)	23.7603
(H) Related Net Electrical Output (kWh)	2,250,796
(I) Subtotal (Rs.)	53,479,588

Fuel Cost Component (D)

(J) Fuel Cost Component (Rs./kWh)	23.6797
(K) Related Net Electrical Output (kWh)	480,855
(L) Subtotal (Rs.)	11,386,502

Fuel Cost Component (E)

(M) Fuel Cost Component (Rs./kWh)	24.7725
(N) Related Net Electrical Output (kWh)	3,417,309
(O) Subtotal (Rs.)	84,655,287

Fuel Cost Component (F)

(P) Fuel Cost Component (Rs./kWh)	23.6797
(Q) Related Net Electrical Output (kWh)	1,973,820
(R) Subtotal (Rs.)	46,739,465

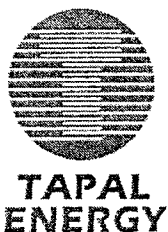
Fuel Cost Component (G)

(S) Fuel Cost Component (Rs./kWh)	24.7725
(T) Related Net Electrical Output (kWh)	1,515,016
(U) Subtotal (Rs.)	37,530,734

Fuel Cost Component (H)

(V) Fuel Cost Component (Rs./kWh)	24.9411
(W) Related Net Electrical Output (kWh)	638,739
(X) Subtotal (Rs.)	15,930,853

A-



Fuel Cost Component (I)

(Y) Fuel Cost Component (Rs./kWh)	23.8408
(Z) Related Net Electrical Output (kWh)	2,350,869
(AA) Subtotal (Rs.)	56,046,598

Fuel Cost Component (J)

(AB) Fuel Cost Component (Rs./kWh)	24.9411
(AC) Related Net Electrical Output (kWh)	1,733,277
(AD) Subtotal (Rs.)	43,229,835

Fuel Cost Component (K)

(AE) Fuel Cost Component (Rs./kWh)	23.8408
(AF) Related Net Electrical Output (kWh)	3,451,604
(AG) Subtotal (Rs.)	82,289,001

Fuel Cost Component (L)

(AH) Fuel Cost Component (Rs./kWh)	24.9411
(AI) Related Net Electrical Output (kWh)	2,245,511
(AJ) Subtotal (Rs.)	56,005,514

Fuel Cost Component (M)

(AK) Fuel Cost Component (Rs./kWh)	24.9585
(AL) Related Net Electrical Output (kWh)	6,861
(AM) Subtotal (Rs.)	171,240

Fuel Cost Component (N)

(AN) Fuel Cost Component (Rs./kWh)	23.8574
(AO) Related Net Electrical Output (kWh)	1,750,733
(AP) Subtotal (Rs.)	41,767,937

Fuel Cost Component (O)

(AQ) Fuel Cost Component (Rs./kWh)	24.9585
(AR) Related Net Electrical Output (kWh)	818,661
(AS) Subtotal (Rs.)	20,432,551

Fuel Cost Component (P)

(AT) Fuel Cost Component (Rs./kWh)	23.8574
(AU) Related Net Electrical Output (kWh)	2,217,967
(AV) Subtotal (Rs.)	52,914,926

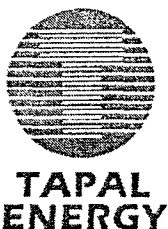
Fuel Cost Component (Q)

(AW) Fuel Cost Component (Rs./kWh)	22.5570
(AX) Related Net Electrical Output (kWh)	861,749
(AY) Subtotal (Rs.)	19,438,472

Fuel Cost Component (R)

(AZ) Fuel Cost Component (Rs./kWh)	23.9828
(BA) Related Net Electrical Output (kWh)	2,015,029
(BB) Subtotal (Rs.)	48,326,038
(BC) Fuel Cost Component	836,901,417

(a)



(BD)	Variable O&M Component (Rs./kWh)		0.7709
(BE)	Total Variable O&M Component	(b)	<u>26,655,409</u>
(BF)	Total Net Electrical Output Delivered (kWh)		34,577,000
(1)	Date of Initial Meter Reading :	<u>30-Nov-21</u>	(at 24:00 hours)
	Initial Reading (Main Meters) :	<u>1,065,603,000</u>	kWh
(2)	Date of Final Meter Reading :	<u>31-Dec-21</u>	(at 24:00 hours)
	Final Reading (Main Meters) :	<u>1,100,180,000</u>	kWh
(BG)	Total Energy Charge	Rs. c=(a+b)	<u>863,556,826</u>

Amount in words: Rupees Eight Hunderd and Sixty Three Million Five Hundred and Fifty Six Thousand Eight Hundred and Twenty Six Only.

Payment of this amount is due on January 26, 2022 and is payable in our following bank account:

Askari Bank Limited
3rd Floor, Plot No. BC-1,
KDA Scheme-5, Block - 9,
Clifton, Karachi
Account No. 0151650508691
IBAN: PK08 ASCM 0000 1516 5050 8691

Note: We are Exempt from deduction of tax as per clause 132 of the second schedule of the Income Tax Ordinance 2001.

For Tapal Energy (Pvt) Limited

Mohammad Imran
Senior Manager Finance



K - Electric Limited

(Formerly Karachi Electric Supply Company Limited)

Incoming Bill Sticker

Vendor Code	350000	Vendor Name: M/s. GUL AHMED ENERGY LIMITED				Initiated by 4/1/22 Signature / Name / Designation
Vendor Bill Details		Energy Payment for December-2021				
Invoice Date	1-Jan-22	Invoice No.	EPP-0026/2021	Amount	578,826,466	
Bill Receiving Date	1-Jan-22	P. O. No.		G.R. No.		

Bill Verification Details					
GL Account	CC	Tax Code	Order No.	Amount (In Full Rupees)	Remarks
EAB002	220040000			578,826,466	Energy Paid Dec-21
			Gross Amount	578,826,466	
Parking No.		Less :	Down Payment		
Parking Date			Other Adjustment		
Payment Due Date	26-Jan-22		CV Dispute		
Checked & Posted by			Retention		
			LD Charges		
			Net Amount	578,826,466	
Accounts Payable			I.Tax		
			Amount Payable		

Rupees:-

Document Forwarded to:

Business Area / Department:

Addressee Name & Location:

Forwarded Date:

Verified By MURAHMAD IQBAL VORA Deputy General Manager Business Development K-ELECTRIC LIMITED	Approved By AAMIR RIZWAN QURESHI Head of Fuel & IP Management K-ELECTRIC LIMITED Technical	 Commercial	FM FAHAD MAZHAR DGM BF Business Development BF Transmission & ED K-ELECTRIC LIMITED	
Signature / Name / Date	Authorized Signatures *		Functional Approva	FBA / COO *

Payment Particulars

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

* as per signature mandate



Gul Ahmed Energy Limited

F-K-ELECTRIC-L21-00185

January 1, 2022

Mr. Aamir Rizwan Qureshi
Head of Fuel and IPP Management
K-Electric Limited
KE House, 2nd Floor
39-B, Sunset Boulevard,
Phase – II, DHA
Karachi, Pakistan

Subject: Energy Invoice for the month of December 2021

Dear Sir,

Please find enclosed the Energy Invoice No. GAEL/EPP-0026/2021/K-ELECTRIC for the month of December-2021 with all the necessary supporting documents.

Thanking you.

Sincerely,

For Gul Ahmed Energy Limited

Danish Iqbal
Chief Executive Officer

encl.

1. Energy Invoice No. GAEL/EPP-0026/2021/K-ELECTRIC.
2. Energy Purchase Price Calculation.
3. Consumer Price Indexation Tables.
4. Reference Date Parameters.
5. Transformer & Main Export Meter reading, Main Meters.
6. Daily Meter Reading.
7. Daily Fuel Inventory.
8. Box file of copy of Fuel Invoices.
9. CPI Index pages from Pakistan Bureau of Statistics.
10. Reference Tariff.
11. Copy of clause 132 of the Second Schedule of the Income Tax Ordinance 2001.
12. Fuel Price Notification.



Gul Ahmed Energy Limited

Mr. Aamir Rizwan Qureshi
Head of Fuel & IPP Management
K-Electric Limited
KE House, 2nd Floor
33-B, Sunset Boulevard,
Phase - II, DHA
Karachi, Pakistan

INVOICE FOR THE MONTH OF December 2021
Invoice No.: GAE/ EPP-0026/2021 /K-ELECTRIC
Invoice Date: January 1, 2022

Energy Purchase Price due for the Month of December-2021

Period		(A) Fuel Cost Component	(B) Variable O&M Component (Local)	(C) Total Energy Purchase Price	(D) Net Electrical Output Delivered	(E) Total Energy Payment
From	to	(Rs. /kWh)	(Rs. /kWh)	(Rs. /kWh)	kWh	(Rupees)
16-Oct-2021	to 31-Oct-2021	25.5111	0.8217	26.3328	4,110,000	108,227,801
16-Oct-2021	to 31-Oct-2021	25.4377	0.8217	26.2594	35,713	937,799
16-Oct-2021	to 31-Oct-2021	25.2688	0.8217	26.0905	3,550,287	92,828,675
16-Oct-2021	to 31-Oct-2021	25.3417	0.8217	26.1634	1,102,898	28,855,463
1-Nov-2021	to 15-Nov-2021	24.2745	0.8217	25.0962	4,648,104	116,599,559
1-Nov-2021	to 15-Nov-2021	24.2745	0.8217	25.0962	159,613	4,005,870
1-Nov-2021	to 15-Nov-2021	24.4111	0.8217	25.2328	4,797,298	121,049,140
1-Nov-2021	to 15-Nov-2021	24.2891	0.8217	25.1108	4,242,089	106,522,359
Total Rupees						578,826,466

Initial Meter Reading as of 01-Dec-2021 (at 0000 hrs.) 554,215,000 kWh
Final Meter Reading as of 31-Dec-2021 (at 2400 hrs.) 576,859,000 kWh
Net Electrical Output Delivered 22,644,000 kWh

(Rupees Five Hundred Seventy Eight Million Eight Hundred Twenty Six Thousand Four Hundred Sixty-Six Only).

Payment of this amount becomes due on January 26, 2022 and payment directly made to HBL following account:

Account Name GUL AHMED ENERGY LIMITED
Account No. 07867900791203
IBAN No. PK89 HABB 0007867900791203
Bank Name Habib Bank Limited
Branch & Address HBL Plaza Branch,
I.I. Chundrigar Road, Karachi - 74200

Note: We are Exempt from deduction of tax as per clause 132 of the Second Schedule of the Income Tax Ordinance 2001.

For Gul Ahmed Energy Limited

Chief Executive Officer

Chief Financial Officer



GUL AHMED ENERGY LIMITED

Energy Purchase Price Calculation

Invoice No.: GAEL/ EPP-0026/2021 /K-ELECTRIC

Fuel Cost Component on FIFO basis:

$FCC_{(Rev)}$	=	$FCC_{(Ref)}$	x	$P_{(Rev)}$	/	$P_{(Ref)}$	x	$CV_{(Ref)}$	/	$CV_{(Rev)}$
16-Oct-2021	to	31-Oct-2021								
$FCC_{(Rev)}$	=	13.5033	x	116,372.89	/	62,586.93	x	38,826.19	/	38,212.33
				$FCC_{(Rev)}$	=	25.5111				
16-Oct-2021	to	31-Oct-2021								
$FCC_{(Rev)}$	=	13.5033	x	116,372.89	/	62,586.93	x	38,826.19	/	38,322.56
				$FCC_{(Rev)}$	=	25.4377				
16-Oct-2021	to	31-Oct-2021								
$FCC_{(Rev)}$	=	13.5033	x	115,600.00	/	62,586.93	x	38,826.19	/	38,322.56
				$FCC_{(Rev)}$	=	25.2688				
16-Oct-2021	to	31-Oct-2021								
$FCC_{(Rev)}$	=	13.5033	x	115,600.00	/	62,586.93	x	38,826.19	/	38,212.33
				$FCC_{(Rev)}$	=	25.3417				
1-Nov-2021	to	15-Nov-2021								
$FCC_{(Rev)}$	=	13.5033	x	110,731.95	/	62,586.93	x	38,826.19	/	38,212.33
				$FCC_{(Rev)}$	=	24.2745				
1-Nov-2021	to	15-Nov-2021								
$FCC_{(Rev)}$	=	13.5033	x	110,731.95	/	62,586.93	x	38,826.19	/	38,212.33
				$FCC_{(Rev)}$	=	24.2745				
1-Nov-2021	to	15-Nov-2021								
$FCC_{(Rev)}$	=	13.5033	x	111,354.96	/	62,586.93	x	38,826.19	/	38,212.33
				$FCC_{(Rev)}$	=	24.4111				
1-Nov-2021	to	15-Nov-2021								
$FCC_{(Rev)}$	=	13.5033	x	110,798.67	/	62,586.93	x	38,826.19	/	38,212.33
				$FCC_{(Rev)}$	=	24.2891				

Variable O&M Component (Local)

Variable O&M _(REV)	=	V. O&M _(REF)	x	CPI _(REV)	/	CPI _(REF)
	=	0.6736	x	148.3700	/	121.6300
	=	0.8217				

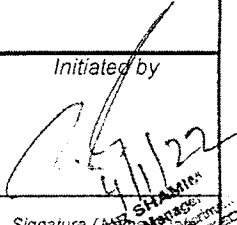
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K - Electric Limited

(Formerly Karachi Electric Supply Company Limited)

Incoming Bill Sticker

Vendor Code	101929	Vendor Name: M/s. INTERNATIONAL STEELS LIMITED				Initiated by  Signature / Name / Date
Vendor Bill Details		Energy Payment for December-2021				
Invoice Date	1-Jan-22	Invoice No.	PP-141	Amount	10,673,812	
Bill Receiving Date	3-Jan-22	P. O. No.		G.R. No.		

Bill Verification Details					
GL Account	CC	Tax Code	Order No.	Amount (In Full Rupees)	Remarks
EAB009	220040000			9,122,916	Energy Payment Dec-21
			GST 17%	1,550,896	
			Gross Amount	10,673,812	
Parking No.		Less :	Down Payment		
Parking Date			Other Adjustment		
Payment Due Date	28-Jan-22		Witheld 10% P. Bond		
Checked & Posted by			Retention		
			LD Charges		
			Net Amount	10,673,812	
			I.Tax		
Accounts Payable		Amount Payable			


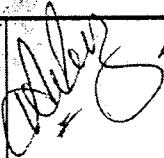
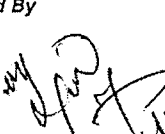

Rupees:-

Document Forwarded to:

Business Area / Department:

Addressee Name & Location:

Forwarded Date:

Verified By  MUHAMMAD IQBAL YORA Deputy General Manager Business Development K-ELECTRIC LIMITED	Approved By  AMIR RIZWAN QURESHI Head (IP) IP Management K-ELECTRIC LIMITED	 FAHAD MAZHAR DCM Business Development BF K-ELECTRIC LIMITED	 MUHAMMAD FAIZAN PASHA General Manager L2 Business Finance K-ELECTRIC LIMITED
Signature / Name / Date	Authorized Signatures *	Functional Approval	FBA / COO *

Payment Particulars

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

* as per signature mandate

09 JAN 2022



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

DEC-2021

Invoice # PP-141

Date: January 1, 2022

Due Date: January 29, 2022

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

Sales Tax Reg. No. 12-00-2716-007-28

Meter Reading:	Present	Previous	Units Billed
	KWH		KWH
ISL 1	34,961,000	34,558,000	403,000
ISL 2	27,983,000	27,654,000	329,000
			<u>732,000</u>

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

Rupees

Fuel Cost	10.651
GID CESS	-
Variable and other charges	1.812
Rate per unit With Steam Turbine	<u>12.463</u>

Units billed up to 80% (KWH)

732,000

Amount excluding GST (Rs.)

A

9,122,916

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

Fuel Cost	10.651
GID CESS	-
Variable and other charges	1.035
Rate per unit With Steam Turbine	<u>11.686</u>

Units billed exceeding 80% (KWH)

-

Amount excluding GST (Rs.)

B

-

Total units billed

732,000

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

C

Total amount excluding GST
GST @ 17%

A+B+C

9,122,916

1,550,896

Amount payable by due date

10,673,812

Rupees Ten Million Six Hundred Seventy Three Thousand Eight Hundred Twelve Only

(Note : SED exempt as per SRO 655(1)/2007 dated 29th June 2007)

*Totale, 814 17 million units (KWH) have been sold to K Electric.

Mujtaba Hussain
Chief Financial Officer



K - Electric Limited

(Formerly Karachi Electric Supply Company Limited)

Incoming Bill Sticker

Vendor Code	153150	Vendor Name: FFBL POWER COMPANY LIMITED				
Vendor Bill Details		Energy Payment for December-2021			Initiated by Nadeem Khan Deputy Manager Purchase Department K-ELECTRIC LIMITED	
Invoice Date	31-Dec-21	Invoice No.	951000089	Amount		629,906,658
Bill Receiving Date	3-Jan-22	P. O. No.		G.R. No.		
				Signature / Date		

Bill Verification Details					
GL Account	CC	Tax Code	Order No.	Amount (In Full Rupees)	Remarks
EAB004	220040000			538,381,759	Energy Paid Dec-21
			GST 17%	91,524,899	
			Gross Amount	629,906,658	
Parking No.		Less :	Mar-21 Deduction		
Parking Date			GST 17%		
Payment Due Date	2-Feb-22		Apr-21 Deduction		
Checked & Posted by			GST 17%		
			LD Charges		
			Net Amount	629,906,658	
Accounts Payable				I. Tax	
			Amount Payable		

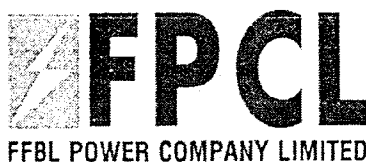
Rupees:-

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

 Verified By MUHAMMAD IQBAL VORA Deputy General Manager Business Development K-ELECTRIC LIMITED	 Approved By AMIR RIZWAN QURESHI Head of Proc & PP Management K-ELECTRIC LIMITED	 FM FAHAD MAZHAR DGM BF Employees Development BF Transmission & BD K-ELECTRIC LIMITED	 MUHAMMAD FAIZAN PASHA General Manager L2 Business Finance K-ELECTRIC LIMITED

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

* as per signature mandate



COMMERCIAL INVOICE

ENERGY PURCHASE PRICE

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

Invoice no: 951000089
Invoice Date: December 31, 2021
FFBL Power Company Limited.
NTN: 4302481-5
STRN: 2300430248116

Subject: Energy Purchase Price invoice for the month of December 2021

Energy Purchase Price payment for the Net Electrical Output delivered to K-Electric Limited under Power Purchase Agreement for the month of December 2021

(a)	Total NEO	A	kWh	34,168,000
(b)	Energy Price	B	Rs. / kWh	15.7569
(c)	Energy Payment	C = A * B	Rupees	538,381,759

Energy Payment Excluding General Sales Tax	Rupees	538,381,759
Add: GST @ 17% of Energy Payment for the month of December 2021	Rupees	91,524,899
Total	Rupees	629,906,658

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: 85West, Rizwan Center, Blue Area Islamabad.

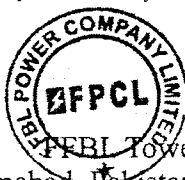
Attachments:

- (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-Jan-2022 00:00:00 hrs - enclosed as Annexure D
- (5) Notification in Official Gazette of Pakistan - Part II - 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.

Note:

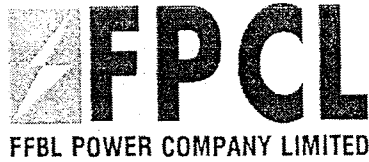
Tariff for Variable O-(>&<)M Local is on provisional basis, as the PAK CPI for June 20 (old base) 2007-08 is used for indexation purposes. The Authority vide its decision dated March 10, 2021 replaced CPI Base Year 2007-08 with N-CPI Base Year 2015-16. The decision shall be implemented upon Notification in the Official Gazette and subsequent to that Authority will notify their decision in the matter of Quarterly Indexation/Adjustment of Tariff for the Quarter Oct-Dec 2021.

P-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: 951000089

Invoice Date: December 31, 2021

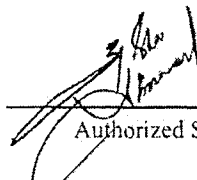
Supplier's Name

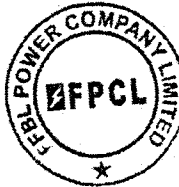
Customer's Name

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
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Description	Amount in Pak Rupees		
	Amount Excluding Sales Tax	Amount of Sales Tax 17%	Amount Including Sales Tax
Energy Purchase Price For the Month of December 2021 - Power	538,381,759	91,524,899	629,906,658
TOTAL PAYMENT	538,381,759	91,524,899	629,906,658

For and on behalf
FFBL Power Company Limited


Authorized Signatory



* Errors and omissions accepted



Annexure-A

Applicable rates for the month of December 2021

FFBL POWER COMPANY LIMITED

Break up of Energy Price Components - Power Purchase Agreement

Description	Reference Rate	Revised Rate	Approved Rate	Date of Approval
	Rs/kWh	Rs/kWh	Rs/kWh	
Fuel Cost Component	4.2939	15.1597	15.1597	1-Dec-2021
Ash Disposal	0.1753	Shall be revised after	0.1753	
Lime Stone	0.0897	Tariff True up	0.0897	
Variable O&M - Foreign	0.0811	0.1568	0.1568	20-Oct-2021
Variable O&M - Local	0.0121	0.0164	0.0164	
Water Charges	0.1590	Shall be revised after Tariff True up	0.1590	
	<u>4.8111</u>		<u>15.7569</u>	



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 December-2021			Initiated by
Invoice Date	1-Jan-22	Invoice Nos.	KE/12/21/EPP-050	Amount	253,609,119
	1-Jan-22		KE-000162		
Bill Receiving Date	5-Jan-22	P. O. No.		G.R. No.	
	5-Jan-22				
					Signature / Name / Date

Bill Verification Details					
GL Account	CC	Tax Code	Order No.	Amount (In Full Rupees)	Remarks
				216,759,931	Energy payment in accordance with
			GST @17%	36,849,188	Section 9.5(b)(ii) of FPA.
					Energy Paid
					Dec-21
			Gross Amount	253,609,119	
Parking No.		Less :	Down Payment		
Parking Date			Other Adjustment		
Payment Due Date	4-Feb-22				
	4-Feb-22				
Checked & Posted by			Deduction	(8,693,868)	Deduction have been made due to
			LD Charges		revised fuel cost comp. taken by
			Net Amount	244,915,251	SNPC.
			I. Tax		
Accounts Payable			Amount Payable		

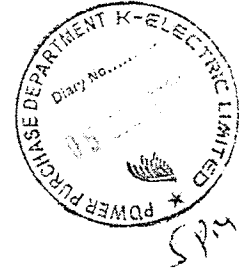
Rupees:-

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

Verified By	Approved By	Functional Approval
 MUHAMMAD IQBAL VORA Deputy General Manager Business Development K-ELECTRIC LIMITED	 ASIM RAZA Head of Fuel & EPP Management K-ELECTRIC LIMITED	 FAHAD MAZHAR DGM BF Business Development BF Transmission & BD 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



ENERGY PAYMENT INVOICE

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

Invoice No: KE/12/21/EPP-050
Invoice Date: 01-01-2022

Dear Sir,

We are furnishing our Energy Purchase Invoice for the month of December 2021 in accordance with section 9.5 (b) (ii) of Power Purchase Agreement.

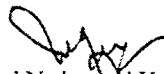
<u>TARIFF - Energy Purchase Price</u>	<u>Indexed Oct-Dec 2021</u>
Fuel Cost Component	7.0224
Variable O&M-Foreign	0.6612
Variable O&M-Local	0.3696
Energy Purchase Price	8.0532

Total Electrical Output (MWH)	26,916
Total Electrical Output (KWH)	26,916,000
Amount Receivable exclusive of Sales Tax	216,759,931
General Sales Tax @ 17%	36,849,188
Net Amount Receivable Inclusive of GST	253,609,119

Two Hundred Fifty Three Million Six Hundred Nine Thousand One Hundred Nineteen Rupees and No Paisas

NOTE: The Aforementioned Invoice has been Prepared as per October - December 2021 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

Trafo-1 HTO-5497 [kWh]	Trafo-2 HTO-5499 [kWh]	SNPC-I Generation (KWH) (Company Meters)	Trafo-3 HTO-5501 [kWh]	Trafo-4 HTO-5502 [kWh]	SNPC-II Generation (KWH) (Company Meters)	Total SNPC-I&II Generation (KWH)	KDA Line-1 HTO-6016 [kWh] (Power Purchaser Meter)	KDA Line-2 HTO-6018 [kWh] (Power Purchaser Meter)	Total KDA End Import (KWH) (Power Purchaser Meters)
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1st - 31 DEC 2021	12,813,000	14,487,000	27,300,000	11,192,000	15,531,000	26,723,000	54,023,000	26,648,000	26,616,000	53,264,000
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Self Consumption Units Adjustment

Total upto 1st - 31 December 2021			27,300,000			26,723,000	54,023,000			53,264,000
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Total Loss 759,000
Total Loss (%) 1.40%

SNPC-I weightage (T1 & T2 %age output w.r.t total output)	50.53%
SNPC-II weightage (T3 & T4 %age output w.r.t total output)	49.47%

Total Line loss 1.40%

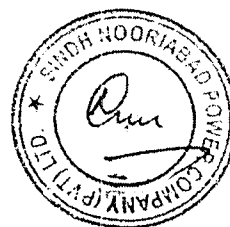
Line Loss share for SNPC 1 383,553

2 % Line loss allowed for SNPC 1 546,000

Total energy units to be paid - As per KDA Meters (SNPC 1) 26,916,447

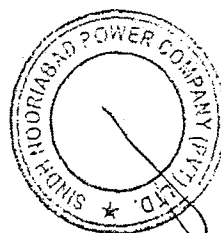
Line loss to be paid - SNPC 1 @ 2% > actual Loss 383,553

Total payment due for Units 27,300,000



Sindh Nooriabad Power Company Pvt Ltd
Quarterly Indexation/Adjustment of Tariff
For Quarter Oct - Dec 2021

Tariff Components	Reference Tariff	Revised Oct- Dec 2021
Energy Purchase Price (Rs./kWh)		
Fuel Cost	4.0971	7.0224
Variable O&M-Foreign	0.3410	0.6612
Variable O&M-Local	0.2790	0.3696
Total	4.7171	8.0532
Capacity Purchase Price (Rs./kW/hour)		
Fixed O&M- Local	0.3457	0.4579
Insurance	0.1077	0.1170
Return on Equity	0.3943	0.6627
Return on Equity During Construction	0.0444	0.0746
Debt Servicing	1.6055	1.7398
Total	2.4976	3.0520
Indexation Values		
Exchange Rate (Rs./USD)	101.72	170.95
Kibor Rate	6.00%	7.78%
US CPI (All Urban Consumers)	237.111	273.567
CPI (General)-Local	203.28	269.27



QUARTERLY WORKING CALCULATION OF INDEXATION OF TARIFF COMPONENTS FROM
OCT-DEC 2021.

1 Fuel Price Variation

FCC Gas (Ref)	4.0971
P Gas (Rev)	857
P Gas (Ref)	500

$$\text{FCC Gas (Rev)} = \text{FCC Gas (REF)} * \text{P Gas (Rev)} / \text{P Gas (Ref)}$$

FCC Gas(Rev) 7.0224

2 Variable Operation and Maintenance Cost

FV O&M (Ref)	0.3410	
LV O&M	0.2790	
US CPI(Rev)	273.567	Annex-1
US CPI(Ref)	237.111	
Local CPI (Ref)	203.28	
Local CPI (Rev)	269.27	Annex-2
ER(Rev)	170.95	Annex-3
ER(Ref)	101.72	

$$\text{FV.O\&M} = \text{FV.O\&M(Ref)} * \text{US CPI(Rev)} / \text{US CPI (Ref)} * \text{ER(Rev)} / \text{ER(Ref)}$$

FV.O&M 0.6612

$$\text{LV.O\&M} = \text{LV.O\&M(Ref)} * \text{CPI(Rev)} / \text{CPI (Ref)}$$

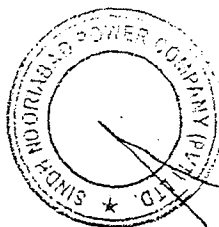
LV.O&M 0.3696

3 Fixed Operation and Maintenance Cost

LF.O&M (Ref)	0.3457	
Local CPI (Rev)	269.27	Annex-2
Local CPI (Ref)	203.28	

$$\text{LF.O\&M} = \text{LF.O\&M} * \text{CPI (Rev)} / \text{CPI (Ref)}$$

LF.O&M 0.4579



4 Insurance during Operation

Ins (Ref)	0.1077	
EPC Cost (Ref) USD	47.42	
ER (Ref)	101.72	
ER 18-jan-2018	110.50	Annex-4
P (Ref) PKR	48.24	
P (Act)	52.40	

$$AIC = \text{Ins (Ref)} / \text{P (Ref)} * \text{P (Act)}$$

AIC 0.1170

5 Return on Equity and Return on Equity During Construction

ROE(Ref)	0.3943	
ROEDC(Ref)	0.0444	
ER(Rev)	170.95	Annex-3
ER(Ref)	101.72	

$$\text{ROE(Rev)} = \text{ROE(Ref)} * \text{ER(Rev)/ER(Ref)}$$

ROE(Rev) 0.6627

$$\text{ROEDC(Rev)} = \text{ROEDC(Ref)} * \text{ER(Rev)/ER(Ref)}$$

ROEDC(Rev) 0.0746

6 Variations in Kibor

P(Rev)	3410.34	
KIBOR (Rev)	7.78%	Annex-5
Contract Capacity	51.154	
Quarterly NEO	112,948,032	
KIBOR (Ref)	6.00%	

Debt Servicing 16th Quarter from COD

Principal Component 0.8905

Interest Component 0.7149

$$\Delta I = \text{P(Rev)} * (\text{KIBOR} - 6\%) / 4 / \text{NCC(Quarterly)}$$

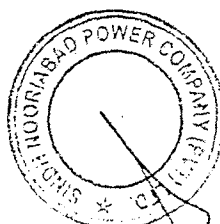
ΔI 0.1344

Debt Servicing Revised 16th Quarter from COD

Debt Services Princij 0.8905

Interest Component 0.8493


1.7398



K - Electric Limited

(Formerly Karachi Electric Supply Company Limited)

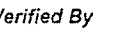
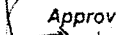

Incoming Bill Sticker

Vendor Code		Vendor Name: SINDH NOQRIABAD POWER COMPANY (Pvt.) Limited				
Vendor Bill Details					Initiated by	
Transmission Line Loss for December-2021						
Invoice Date	1-Jan-22	Invoice	KE/12/21/EPP-050	Amount		3,618,142
	1-Jan-22	Nos.	KE-000163			
Bill Receiving Date	5-Jan-22	P. O No.		G.R. No.		
	5-Jan-22					
				Signature _____ Date _____		

Bill Verification Details						SNPC
GL Account	CC	Tax Code	Order No.	Amount (In Full Rupees)	Remarks	
				3,092,429	Energy payment in accordance with	
		GST @17%		525,713	Section 9.5(b)(ii) of PPA.	
					TLL - Dec 21	
			Gross Amount	3,618,142		
Parking No.			Less : Down Payment			
Parking Date			Other Adjustment		Digital - FCC	
Payment Due Date	4-Feb-22				SO - 29 -	
	4-Feb-22					
Checked & Posted by			Deduction	(124,032)	Deduction have been made due to	
			LD Charges		revised fuel cost comp. taken by	
			Net Amount	3,494,110	SNPC.	
			I.Tax			
			Amount Payable			
Accounts Payable						

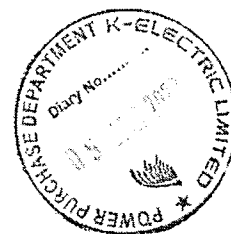
Rupees:-

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

<p>Verified By</p>  <p>MUHAMMAD IQBAL VORA Deputy General Manager Business Development K-ELECTRIC LIMITED</p>	<p>Approved By</p>  <p>AAMIR RAZA KHAN Head of HR Management K-ELECTRIC LIMITED</p>	<p>FM</p> <p>FAHAD MAZHAR OGM SF Business Development BF Transmission & BD K-ELECTRIC LIMITED</p>	 <p>MUHAMMAD FAIZAN PASHA General Manager Business Finance K-ELECTRIC LIMITED</p>
<p>Signature / Name / Date</p>	<p>Authorized Signatures *</p>	<p>Functional Approval</p>	<p>FBA/COO *</p>

Payment Particulars					
<i>Payment Doc. No</i>	<i>Date</i>	<i>Bank</i>	<i>Cheque No.</i>	<i>Cheque Date</i>	<i>Amount (In Full Rupees)</i>

* as per signature mandate



TRANSMISSION LINE LOSS INVOICE

Bill To:

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

Invoice No: KE/12/21/TLL-050

Invoice Date: 01-01-2022

Dear Sir,

We are furnishing our Transmission Line Loss Invoice for the month of December 2021 in accordance with section 9.5 (b) (ii) of Power Purchase Agreement.

TARIFF - Energy Purchase Price

Indexed Oct-Dec
2021

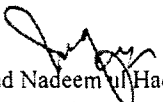
Fuel Cost Component	7.0224
Variable O&M-Foreign	0.6612
Variable O&M-Local	0.3696
Energy Purchase Price	8.0532

2% Transmission Line Loss (MWH)	384
2% Transmission Line Loss SNPC (KWH)	384,000
Amount Receivable exclusive of Sales Tax	3,092,429
General Sales Tax @ 17%	525,713
Net Amount Receivable Inclusive of GST	3,618,142

Three Million Six Hundred Eighteen Thousand One Hundred Forty Two Rupees and No Paisas

NOTE: The Aforementioned Invoice has been Prepared as per October - December 2021 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

Trafo-1 HTO-5497 [kWh]	Trafo-2 HTO-5499 [kWh]	SNPC-I Generation (KWH) (Company Meters)	Trafo-3 HTO-5501 [kWh]	Trafo-4 HTO-5502 [kWh]	SNPC-II Generation (KWH) (Company Meters)	Total SNPC-I&II Generation (KWH)	KDA Line-1 HTO-6016 [kWh] (Power Purchasr Meter)	KDA Line-2 HTO-6018 [kWh] (Power Purchaser Meter)	Total KDA End import (KWH) (Power Purchaser Meters)
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1st - 31 DEC 2021	12,813,000	14,487,000	27,300,000	11,192,000	15,531,000	26,723,000	54,023,000	26,648,000	26,616,000	53,264,000
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Self Consumption Units Adjustment

Total upto 1st - 31 December 2021			27,300,000			26,723,000	54,023,000			53,264,000
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Total Loss 759,000
Total Loss (%) 1.40%

SNPC-I weightage (T1 & T2 %age output w.r.t total output)

50.53%

SNPC-II weightage (T3 & T4 %age output w.r.t total output)

49.47%

Total Line loss

1.40%

Line Loss share for SNPC 1

383,553

2 % Line loss allowed for SNPC 1

546,000

Total energy units to be paid - As per KDA Meters (SNPC 1)

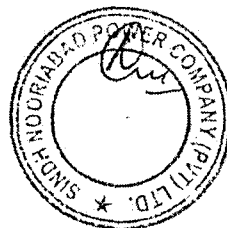
26,916,447

Line loss to be paid - SNPC 1 @ 2% > actual Loss

383,553

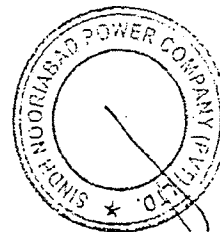
Total payment due for Units

27,300,000



Sindh Nooriabad Power Company Pvt Ltd
Quarterly Indexation/Adjustment of Tariff
For Quarter Oct - Dec 2021

Tariff Components	Reference Tariff	Revised Oct- Dec 2021
Energy Purchase Price (Rs./kWh)		
Fuel Cost	4.0971	7.0224
Variable O&M-Foreign	0.3410	0.6612
Variable O&M-Local	0.2790	0.3696
Total	4.7171	8.0532
Capacity Purchase Price (Rs./kW/hour)		
Fixed O&M- Local	0.3457	0.4579
Insurance	0.1077	0.1170
Return on Equity	0.3943	0.6627
Return on Equity During Construction	0.0444	0.0746
Debt Servicing	1.6055	1.7398
Total	2.4976	3.0520
Indexation Values		
Exchange Rate (Rs./USD)	101.72	170.95
Kibor Rate	6.00%	7.78%
US CPI (All Urban Consumers)	237.111	273.567
CPI (General)-Local	203.28	269.27



QUARTERLY WORKING CALCULATION OF INDEXATION OF TARIFF COMPONENTS FROM OCT-DEC 2021.

1 Fuel Price Variation

FCC Gas (Ref)	4.0971
P Gas (Rev)	857
P Gas (Ref)	500

$$\text{FCC Gas (Rev)} = \text{FCC Gas (REF)} * \text{P Gas (Rev)} / \text{P Gas (Ref)}$$

FCC Gas(Rev) 7.0224

2 Variable Operation and Maintenance Cost

FV O&M (Ref)	0.3410	
LV O&M	0.2790	
US CPI(Rev)	273.567	Annex-1
US CPI(Ref)	237.111	
Local CPI (Ref)	203.28	
Local CPI (Rev)	269.27	Annex-2
ER(Rev)	170.95	Annex-3
ER(Ref)	101.72	

$$\text{FV.O\&M} = \text{FV.O\&M(Ref)} * \text{US CPI(Rev)} / \text{US CPI (Ref)} * \text{ER(Rev)} / \text{ER(Ref)}$$

FV.O&M 0.6612

$$\text{LV.O\&M} = \text{LV.O\&M(Ref)} * \text{CPI(Rev)} / \text{CPI (Ref)}$$

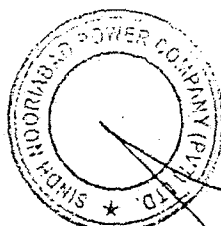
LV.O&M 0.3696

3 Fixed Operation and Maintenance Cost

LF.O&M (Ref)	0.3457	
Local CPI (Rev)	269.27	Annex-2
Local CPI (Ref)	203.28	

$$\text{LF.O\&M} = \text{LF.O\&M} * \text{CPI (Rev)} / \text{CPI (Ref)}$$

LF.O&M 0.4579



4 Insurance during Operation

Ins (Ref)	0.1077	
EPC Cost (Ref) USD	47.42	
ER (Ref)	101.72	
ER 18-jan-2018	110.50	Annex-4
P (Ref) PKR	48.24	
P (Act)	52.40	

$$AIC = \text{Ins (Ref)} / \text{P (Ref)} * \text{P (Act)}$$

AIC 0.1170

5 Return on Equity and Return on Equity During Construction

ROE(Ref)	0.3943	
ROEDC(Ref)	0.0444	
ER(Rev)	170.95	Annex-3
ER(Ref)	101.72	

$$\text{ROE(Rev)} = \text{ROE(Ref)} * \text{ER(Rev)} / \text{ER(Ref)}$$

ROE(Rev) 0.6627

$$\text{ROEDC(Rev)} = \text{ROEDC(Ref)} * \text{ER(Rev)} / \text{ER(Ref)}$$

ROEDC(Rev) 0.0746

6 Variations in Kibor

P(Rev)	3410.34	
KIBOR (Rev)	7.78%	Annex-5
Contract Capacity	51.154	
Quarterly NEO	112,948,032	
KIBOR (Ref)	6.00%	

Debt Servicing 16th Quarter from COD

Principal Component 0.8905

Interest Component 0.7149

$$\Delta I = \text{P(Rev)} * (\text{KIBOR} - 6\%) / 4 / \text{NCC(Quarterly)}$$

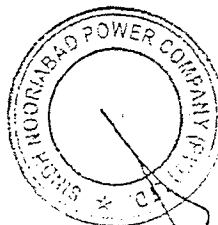
ΔI 0.1344

Debt Servicing Revised 16th Quarter from COD

Debt Services Princij 0.8905

Interest Component 0.8493

1.7398





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 December-2021			Initiated by
Invoice Date	1-Jan-22	Invoice Nos.	KE/12/21/EPP-050	Amount	246,922,469
	1-Jan-22		KE-000161		
Bill Receiving Date	5-Jan-22	P. O. No.		G.R. No.	
	5-Jan-22				
					Signature / Name

Bill Verification Details					
GL Account	CC	Tax Code	Order No.	Amount (In Full Rupees)	Remarks
				211,044,845	Energy payment in accordance with
			GST @17%	35,877,624	Section 9.5(b)(ii) of PPA.
					Energy Payment
					Dec - 21
			Gross Amount	246,922,469	
Parking No.		Less :	Down Payment		
Parking Date			Other Adjustment		Signat - FCC
Payment Due Date	4-Feb-22				IV - 29 -
	4-Feb-22				
Checked & Posted by			Deduction	(7,369,536)	Deduction have been made due to
			LD Charges		revised fuel cost comp. taken by
			Net Amount	239,552,933	SNPC.
			I.Tax		
Accounts Payable			Amount Payable		

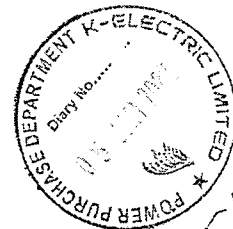
Rupees:-

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

Verified By MUHAMMAD IQBAL VORA Deputy General Manager Business Development K-ELECTRIC LIMITED	Approved By AMIR RAZA KHAN Head of Finance & Accounts K-ELECTRIC LIMITED	 FAHAD MAZHAR Head of Business Development of Transmission & BD K-ELECTRIC LIMITED	 MUHAMMAD FAIZAN PASHA General Manager L2 Business Finance K-ELECTRIC LIMITED
Signature / Name / Date	Authorized Signatures *	Functional Approval	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 Business Development
K-Electric Limited
Clifton, Karachi

Invoice No: KE/12/21/EPP-050

Invoice Date: 01-01-2022

Dear Sir,

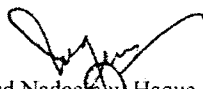
We are furnishing our Energy Purchase Invoice for the month of December 2021 in accordance with section 9.5 (b) (ii) of Power Purchase Agreement.

TARIFF - Energy Purchase Price	Indexed Oct-Dec 2021
Fuel Cost Component	6.9791
Variable O&M-Foreign	0.6612
Variable O&M-Local	0.3696
Energy Purchase Price	8.0099
 Total Electrical Output (MWH)	 26,348
Total Electrical Output (KWH)	26,348,000
Amount Receivable exclusive of Sales Tax	211,044,845
General Sales Tax @ 17%	35,877,624
Net Amount Receivable Inclusive of GST	246,922,469

Two Hundred Forty Six Million Nine Hundred Twenty Two Thousand Four Hundred Sixty Nine Rupees and No Paisas

NOTE: The Aforementioned Invoice has been Prepared as per October - December 2021 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

23-A/II, Mohammad Ali Jauhar Memorial Co-operative Housing Society, Karachi
Phone: +92 21 3454 0235 Fax: +92 21 3454 0236, info@snpk.com.pk

SNPC-2

Trafo-1 HTO-5497 [kWh]	Trafo-2 HTO-5499 [kWh]	SNPC-I Generation (KWH) (Company Meters)	Trafo-3 HTO-5501 [kWh]	Trafo-4 HTO-5502 [kWh]	SNPC-II Generation (KWH) (Company Meters)	Total SNPC-I&II Generation (KWH)	KDA Line-1 HTO-6016 [kWh] (Power Purchasr Meter)	KDA Line-2 HTO-6018 [kWh] (Power Purchaser Meter)	Total KDA End import (KWH) (Power Purchaser Meters)
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1st - 31 December 2021	12,813,000	14,487,000	27,300,000	11,192,000	15,531,000	26,723,000	54,023,000	26,648,000	26,616,000	53,264,000
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Self Consumption Units Adjustment

Total upto 1st - 31 December 2021			27,300,000			26,723,000	54,023,000			53,264,000
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Total Loss 759,000

Total Loss (%) 1.40%

SNPC-I weightage (T1 & T2 %age output w.r.t total output)

50.53%

SNPC-II weightage (T3 & T4 %age output w.r.t total output)

49.47%

Total Line loss

1.40%

Line Loss share for SNPC 2

375,447

2 % Line loss allowed for SNPC 2

534,460

Total energy units to be paid - As per KDA Meters (SNPC 2)

26,347,553

Line loss to be paid - SNPC 2 @ 2% > actual Loss

375,447

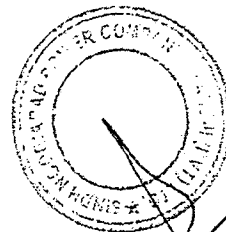
Total payment due for Units

26,723,000



Sindh Nooriabad Power Company Phase II Pvt Ltd
Quarterly Indexation/Adjustment of Tariff
For Quarter Oct - Dec 2021

Tariff Components	Reference Tariff	Revised Oct- Dec 2021
Energy Purchase Price (Rs./kWh)		
Fuel Cost	4.0718	6.9791
Variable O&M-Foreign	0.3410	0.6612
Variable O&M-Local	0.2790	0.3696
Total	4.6918	8.0099
Capacity Purchase Price (Rs./kW/hour)		
Fixed O&M- Local	0.3432	0.4546
Insurance	0.1069	0.1161
Return on Equity	0.3915	0.6580
Return on Equity During Construction	0.0441	0.0741
Debt Servicing	1.5952	-1.7286
Total	2.4809	3.0314
Indexation Values		
Exchange Rate (Rs./USD)	101.72	170.95
Kibor Rate	6.00%	7.78%
US CPI (All Urban Consumers)	237.111	273.567
CPI (General)-Local	203.28	269.27



QUARTERLY WORKING CALCULATION OF INDEXATION OF TARIFF COMPONENTS FROM OCT-DEC 2021.

1 Fuel Price Variation

FCC Gas (Ref)	4.0718
P Gas (Rev)	857
P Gas (Ref)	500

$$\text{FCC Gas (Rev)} = \text{FCC Gas (Ref)} * \text{P Gas (Rev)} / \text{P Gas (Ref)}$$

FCC Gas(Rev) 6.9791

2 Variable Operation and Maintenance Cost

FV O&M (Ref)	0.3410	
LV O&M	0.2790	
US CPI(Rev)	273.567	Annex-1
US CPI(Ref)	237.111	
Local CPI (Ref)	203.28	
Local CPI (Rev)	269.27	Annex-2
ER(Rev)	170.95	Annex-3
ER(Ref)	101.72	

$$\text{FV.O\&M} = \text{FV.O\&M(Ref)} * \text{US CPI(Rev)} / \text{US CPI (Ref)} * \text{ER(Rev)} / \text{ER(Ref)}$$

FV.O&M 0.6612

$$\text{LV.O\&M} = \text{LV.O\&M(Ref)} * \text{CPI(Rev)} / \text{CPI (Ref)}$$

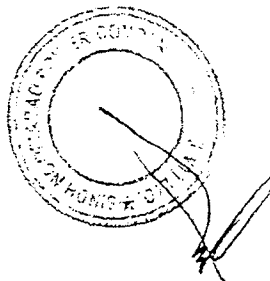
LV.O&M 0.3696

3 Fixed Operation and Maintenance Cost

LF.O&M (Ref)	0.3432	
Local CPI (Rev)	269.27	Annex-2
Local CPI (Ref)	203.28	

$$\text{LF.O\&M} = \text{LF.O\&M} * \text{CPI (Rev)} / \text{CPI (Ref)}$$

LF.O&M 0.4546



4 Insurance during Operation

Ins (Ref)	0.1069	Annex-4
EPC Cost (Ref) USD	47.42	
ER (Ref)	101.72	
ER 18-jan-2018	110.50	
P (Ref) PKR	48.24	
P (Act)	52.40	

$$AIC = \text{Ins (Ref)} / P (\text{Ref}) * P (\text{Act})$$

AIC 0.1161

5 Return on Equity and Return on Equity During Construction

ROE(Ref)	0.3915	Annex-3
ROEDC(Ref)	0.0441	
ER(Rev)	170.95	
ER(Ref)	101.72	

$$ROE(\text{Rev}) = ROE(\text{Ref}) * ER(\text{Rev})/ER(\text{Ref})$$

ROE(Rev) 0.6580

$$ROEDC(\text{Rev}) = ROEDC(\text{Ref}) * ER(\text{Rev})/ER(\text{Ref})$$

ROEDC(Rev) 0.0741

6 Variations in Kibor

P(Rev)	3410.34	Annex-5
KIBOR (Rev)	7.78%	
Contract Capacity	51.526	
Quarterly NEO	113,769,408	
KIBOR (Ref)	6.00%	

Debt Servicing 16th Quarter from COD

Principal Component 0.8862

Interest Component 0.7090

$$\Delta I = P(\text{Rev}) * (KIBOR - 6\%) / 4 / NCC(\text{Quarterly})$$

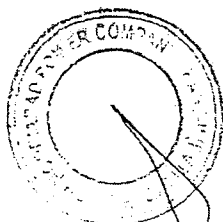
ΔI 0.1334

Debt Servicing Revised 16th Quarter from COD

Debt Services Princij 0.8862

Interest Component 0.8424

1.7286



**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		Transmission Line Loss for December-2021			Initiated by
Invoice Date	1-Jan-22	Invoice Nos.	KE/12/21/EPP-050	Amount	3,514,344
	1-Jan-22		KE-000162		
Bill Receiving Date	5-Jan-22	P. O. No.		G.R. No.	
	5-Jan-22				
Signature / Name / Date					

Bill Verification Details					SNPC - II	
GL Account	CC	Tax Code	Order No.	Amount (In Full Rupees)	Remarks	
				3,003,713	Energy payment in accordance with	
			GST @17%	510,631	Section 9.5(b)(ii) of PPA.	
					TLC - Energy	
					Dec '21	
			Gross Amount	3,514,344		
Parking No.		Less :	Down Payment			
Parking Date			Other Adjustment			
Payment Due Date	4-Feb-22					
	4-Feb-22					
Checked & Posted by			Deduction	(104,888)	Deduction have been made due to	
			LD Charges		revised fuel cost comp. taken by	
			Net Amount	3,409,457	SNPC.	
			I.Tax			
Accounts Payable			Amount Payable			

Rupees:-**Document Forwarded to:**

Business Area / Department:

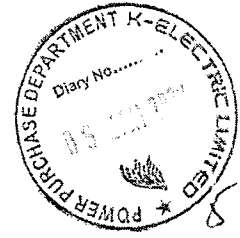
Addressee Name & Location:

Forwarded Date:

Verified By MUHAMMAD IQBAL VORA Deputy General Manager Business Development K-ELECTRIC LIMITED Signature / Name / Date	Approved By AMIR RUZHMAN QURESHI Head of Fuel & PP Management K-ELECTRIC LIMITED Technical	 FM FAHAR MAZHAR DGM BS Business Development BF Transmission & BD K-ELECTRIC LIMITED Commercial	 MUHAMMAD FAIZAN PASHA General Manager L2 Business Finance K-ELECTRIC LIMITED FBA / COO *
Authorized Signatures *		Functional Approval	

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

* as per signature mandate



TRANSMISSION LINE LOSS INVOICE

Bill To: Mr. Adnan Rizvi Director Commercial K-Electric Limited Clifton, Karachi

Invoice No: KE/12/21/TLL-050

Invoice Date: 01-01-2022

Dear Sir,

We are furnishing our Transmission Line Loss Invoice for the month of December 2021 in accordance with section 9.5 (b) (ii) of Power Purchase Agreement.

TARIFF - Energy Purchase Price

Indexed Oct-Dec
2021

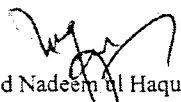
Fuel Cost Component	6.9791
Variable O&M-Foreign	0.6612
Variable O&M-Local	0.3696
Energy Purchase Price	8.0099

2% Transmission Line Loss (MWH)	375
2% Transmission Line Loss SNPC (KWH)	375,000
Amount Receivable exclusive of Sales Tax	3,003,713
General Sales Tax @ 17%	510,631
Net Amount Receivable Inclusive of GST	3,514,344

Three Million Five Hundred Fourteen Thousand Three Hundred Forty Four Rupees and No Paisas

NOTE: The Aforementioned Invoice has been Prepared as per October - December 2021 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-2

Trafo-1 HTO-5497 [kWh]	Trafo-2 HTO-5499 [kWh]	SNPC-I Generation (KWH) (Company Meters)	Trafo-3 HTO-5501 [kWh]	Trafo-4 HTO-5502 [kWh]	SNPC-II Generation (KWH) (Company Meters)	Total SNPC-I&II Generation (KWH)	KDA Line-1 HTO-6016 [kWh] (Power Purchaser Meter)	KDA Line-2 HTO-6018 [kWh] (Power Purchaser Meter)	Total KDA End import (KWH) (Power Purchaser Meters)
---------------------------	---------------------------	---	---------------------------	---------------------------	---	--	---	---	---

1st - 31 December 2021	12,813,000	14,487,000	27,300,000	11,192,000	15,531,000	26,723,000	54,023,000	26,648,000	26,616,000	53,264,000
------------------------	------------	------------	------------	------------	------------	------------	------------	------------	------------	------------

Self Consumption Units Adjustment

Total upto 1st - 31 December 2021			27,300,000			26,723,000	54,023,000			53,264,000
-----------------------------------	--	--	------------	--	--	------------	------------	--	--	------------

Total Loss 759,000
Total Loss (%) 1.40%

SNPC-I weightage (T1 & T2 %age output w.r.t total output)	50.53%
SNPC-II weightage (T3 & T4 %age output w.r.t total output)	49.47%

Total Line loss 1.40%

Line Loss share for SNPC 2 375,447

2 % Line loss allowed for SNPC 2 534,460

Total energy units to be paid - As per KDA Meters (SNPC 2) 26,347,553

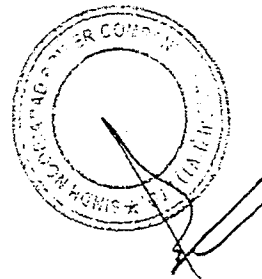
Line loss to be paid - SNPC 2 @ 2% > actual Loss 375,447

Total payment due for Units 26,723,000



Sindh Nooriabad Power Company Phase II Pvt Ltd
Quarterly Indexation/Adjustment of Tariff
For Quarter Oct - Dec 2021

Tariff Components	Reference Tariff	Revised Oct- Dec 2021
Energy Purchase Price (Rs./kWh)		
Fuel Cost	4.0718	6.9791
Variable O&M-Foreign	0.3410	0.6612
Variable O&M-Local	0.2790	0.3696
Total	4.6918	8.0099
Capacity Purchase Price (Rs./kW/hour)		
Fixed O&M- Local	0.3432	0.4546
Insurance	0.1069	0.1161
Return on Equity	0.3915	0.6580
Return on Equity During Construction	0.0441	0.0741
Debt Servicing	1.5952	1.7286
Total	2.4809	3.0314
Indexation Values		
Exchange Rate (Rs./USD)	101.72	170.95
Kibor Rate	6.00%	7.78%
US CPI (All Urban Consumers)	237.111	273.567
CPI (General)-Local	203.28	269.27



QUARTERLY WORKING CALCULATION OF INDEXATION OF TARIFF COMPONENTS FROM OCT-DEC 2021.

1 Fuel Price Variation

FCC Gas (Ref)	4.0718
P Gas (Rev)	857
P Gas (Ref)	500

$$\text{FCC Gas (Rev)} = \text{FCC Gas (REF)} * \text{P Gas (Rev)} / \text{Pgas(Ref)}$$

$$\text{FCC Gas(Rev)} \quad 6.9791$$

2 Variable Operation and Maintenance Cost

FV O&M (Ref)	0.3410	
LV O&M	0.2790	
US CPI(Rev)	273.567	Annex-1
US CPI(Ref)	237.111	
Local CPI (Ref)	203.28	
Local CPI (Rev)	269.27	Annex-2
ER(Rev)	170.95	Annex-3
ER(Ref)	101.72	

$$\text{FV.O\&M} = \text{FV.O\&M(Ref)} * \text{US CPI(Rev)} / \text{US CPI (Ref)} * \text{ER(Rev)} / \text{ER(Ref)}$$

$$\text{FV.O\&M} \quad 0.6612$$

$$\text{LV.O\&M} = \text{LV.O\&M(Ref)} * \text{CPI(Rev)} / \text{CPI (Ref)}$$

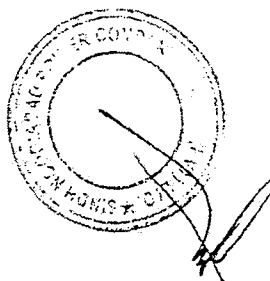
$$\text{LV.O\&M} \quad 0.3696$$

3 Fixed Operation and Maintenance Cost

LF.O&M (Ref)	0.3432	
Local CPI (Rev)	269.27	Annex-2
Local CPI (Ref)	203.28	

$$\text{LF.O\&M} = \text{LF.O\&M} * \text{CPI (Rev)} / \text{CPI (Ref)}$$

$$\text{LF.O\&M} \quad 0.4546$$



4 Insurance during Operation

Ins (Ref)	0.1069	Annex-4
EPC Cost (Ref) USD	47.42	
ER (Ref)	101.72	
ER 18-jan-2018	110.50	
P (Ref) PKR	48.24	
P (Act)	52.40	

$$AIC = \text{Ins (Ref)} / \text{P (Ref)} * \text{P (Act)}$$

AIC 0.1161

5 Return on Equity and Return on Equity During Construction

ROE(Ref)	0.3915	Annex-3
ROEDC(Ref)	0.0441	
ER(Rev)	170.95	
ER(Ref)	101.72	

$$\text{ROE(Rev)} = \text{ROE(Ref)} * \text{ER(Rev)/ER(Ref)}$$

ROE(Rev) 0.6580

$$\text{ROEDC(Rev)} = \text{ROEDC(Ref)} * \text{ER(Rev)/ER(Ref)}$$

ROEDC(Rev) 0.0741

6 Variations in Kibor

P(Rev)	3410.34	Annex-5
KIBOR (Rev)	7.78%	
Contract Capacity	51.526	
Quarterly NEO	113,769,408	
KIBOR (Ref)	6.00%	

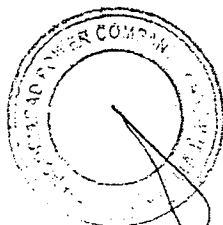
Debt Servicing 16th Quarter from COD

Principal Component 0.8862
Interest Component 0.7090
 $\Delta I = \text{P(Rev)} * (\text{KIBOR} - 6\%) / 4 / \text{NCC(Quarterly)}$

ΔI 0.1334

Debt Servicing Revised 16th Quarter from COD

Debt Services Princi 0.8862
Interest Component 0.8424
1.7286





K - Electric Limited

(Formerly Karachi Electric Supply Company Limited)

Incoming Bill Sticker

Vendor Code	153444	Vendor Name: OURSUN Pakistan Limited				
Vendor Bill Details		Energy Payment for December-2021			Initiated by Signature: ASIF SHAMIN Deputy Manager Power Purchase Dept. K-ELECTRIC LIMITED	
Invoice Date	1-Jan-22	Invoice Nos.	EN/2021/41	Amount		150,930,051
Bill Receiving Date	1-Jan-22	P. O. No.		G.R. No.		

Bill Verification Details					
GL Account	CC	Tax Code	Order No.	Amount (In Full Rupees)	Remarks
EAB023	220040000			129,000,044	Energy payment pursuant to 9.4 of the EPA. Energy Paid Dec - 21
APD010			GST @17%	21,930,007	
			Gross Amount	150,930,051	
Parking No.		Less :	Down Payment		
Parking Date			NPMV Deduction	-	
Payment Due Date	31-Jan-22		Insurance Deduction	-	
Checked & Posted by			GST @17%	-	
			Less ST		
			Net Amount	150,930,051	
		I.Tax			
Accounts Payable			Amount Payable		

Rupees:-

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

Verified By MUHAMMAD IQBAL VORA Deputy General Manager Business Development K-ELECTRIC LIMITED	Approved By AMIR RAZAAN QURESHI Head of Pw & IP Management K-ELECTRIC LIMITED Technical	 FM FAHAD MAZHAR DGM BF Business Development BF Transmission & BD K-ELECTRIC LIMITED Commercial	 MUHAMMAD FARZAN PASHA General Manager L2 Business Finance K-ELECTRIC LIMITED
Signature / Name / Date	Authorized Signatures *		Functional Approval FBA / COO *

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

* as per signature mandate



January 01, 2022

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

Attention: Chief Executive Officer

Re: Payment Invoice December-2021 – KE's Customer ID: 153444

Dear Sirs:

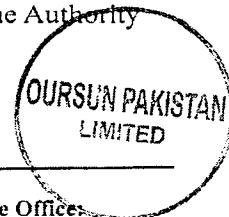
This refers to the Energy Purchase Agreement dated June 7, 2017 (the "EPA") entered into between oursun Pakistan Limited and K Electric Limited. Capitalized terms used herein, unless defined herein, shall have the same meanings as ascribed to them in the EPA.

Please find attached our Energy/Payment invoice EN/2021/41 dated 1st January, 2022 in terms of Section 9.4 of the EPA.

Please note that in terms of the EPA, the Seller is obligated to pay the Purchaser 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 Oct-Dec-2021 quarterly indexation/adjustment Ref No. NEPRA/R/ADG(Tariff)/TRF-363/OSPL-2016/40593 dated November 04, 2021 and Insurance Component of the Energy Price is, however, based on NEPRA approved Indexation Order Tariff for the period November 30, 2020 to November 29, 2021 Ref No. NEPRA/R/ADG(Trf)/TRF-363 /OSPL-2016/24870 dated May 07, 2021.

Furthermore, for the purpose of indexation Local O&M component for the quarter Oct-Dec 2021, the latest available data of CPI (General) i.e. for February 2020 published by Pakistan Bureau of Labour Statistics was required to be used. However, Pakistan Bureau of Labour Statistics has discontinued the publication of CPI for the base year 2007-08 w.e.f July 2020 and replaced the same with National –CPI for the base year of 2015-16. Accordingly, as per the applicable provision of Energy Purchase Agreement (EPA), the last available CPI of June 2020 (base year of 2007-08) has been used by NEPRA for the instant adjustment in indexation of Local O&M component of Oct-Dec-2021. The adjustment w.r.t Local O&M has been made on provisional basis. Now NEPRA has issued decision in the matter of change of Base Year 2007-2008 to Base Year 2015-16 for Consumer Price Index (CPI) and Company has applied for revision of indexation of Local O&M component, upon receipt of decision of indexed Local O &M component from the Authority the Seller shall also raise claim of differential Energy Payment accordingly.



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 Gharo district Thatta, Sindh.

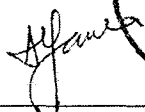



Tariff components, used for the Energy Payment are as follows:

Tariff Component	Reference	Rs. /Kwh
Fixed O & M -Local	NEPRA Approved relevant Indexation	1.6523
Fixed O & M -Foreign	NEPRA Approved relevant Indexation	0.9895
Return on Equity	NEPRA Approved relevant Indexation	6.0940
Principal repayment of Debt-Foreign	NEPRA Approved relevant Indexation	2.4664
Interest-Foreign	NEPRA Approved relevant Indexation	0.9162
Principal repayment of Debt-Local	NEPRA Approved relevant Indexation	3.8946
Interest-Local	NEPRA Approved relevant Indexation	3.8031
Insurance	NEPRA Approved True-up	0.3944
Total		20.2105

Best Regards.

For and on behalf of
oursun Pakistan Limited

Abdullah Khan Jaura

CC: Escrow Agent: MCB Bank Limited, 9th Floor MCB Tower, I.I Chundrigar Road, Karachi.

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

oursun Pakistan Limited.

Site Office:

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



oursun 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: 153444
NTN: 1343137-1
STN: 1200271600725
Address: Plot 39-B, KE House Sunset
Boulevard Phase II, Karachi

NTN: 4432723-4
STN: 3277376137663
Invoice period From: December 1, 2021 12:00 AM
to: December 31, 2021 11:59 PM
Invoice Date: January 1, 2022
Invoice No.: EN/2021/41

Invoice for the energy delivered

AGREEMENT YEAR 3

Block 1			
a.	Energy delivered upto minimum output limit ($[(18\% \times 8760 \times 50 \times 1000) = 78,840,000 \text{ KWh}]$ - sum of the months prior to the current month during the Agreement Year 3 (78,840,000))		kWh
b.	Energy Price	20.2165	Rs./kWh
Block 2			
c.	Energy delivered in excess of block 1 output limit ($19\% \times 8760 \times 50 \times 1000 = 83,220,000$) - Sum of Em block 1 and Em block 2 for all the months prior to 1 December-21 of Agreement Year 3 (83,220,000)		kWh
d.	Energy Price (80% of Tariff while Annual plant capacity factor 18% to 19%)	16.1674	Rs./kWh
Block 3			
e.	Energy delivered in excess of block 2 output limit ($20\% \times 8760 \times 50 \times 1000$) - Sum of Em block 1, Em block 2 of Agreement Year 3 (87,600,000 KWh - 87,600,000 kWh)	Annex	991,770.00 kWh
f.	Energy Price (90% of Tariff while Annual plant capacity factor 19% to 20%)	19.1685	Rs./kWh
Block 4			
g.	Energy delivered in excess of block 3 output limit	Annex	2,007,230.00 kWh
h.	Energy Price (100% of Tariff while Annual plant capacity factor above 20%)	20.2165	Rs./kWh
AGREEMENT YEAR 4			
i.	Energy delivered	Annex	3,483,000.00 kWh
j.	Energy Price	20.2165	Rs./kWh
k.	Energy charges	$=(a \times b) + (c \times d) + (e \times f) + (g \times h) + (i \times j)$	129,000,044.00 Rs.
l.	Sales tax on energy charges	17.00%	21,930,007.00 Rs.
m.	Energy Payment	k+l	150,930,051.00 Rs.

NOTE

- 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
- 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.
- Energy Price used to calculate the Energy Payment is based of NEPRA approved Oct-Dec-2021 quarterly indexation/adjustment Ref No. NEPRA/R/ADG(Tariff)/TRF-363/OSPL-2016/40593 dated November 04, 2021 and Insurance Component of the Energy Price is, however, based on NEPRA approved Indexation Order Tariff for the period November 30, 2020 to November 29, 2021 Ref No. NEPRA/R/ADG(Trf)/TRF-363 /OSPL-2016/24870 dated May 07, 2021.
- Meter reading with Photographs of the metering system for the period ending is attached.

Signature
OURSUN PAKISTAN LIMITED

Abdullah Khan Jaura
For and on behalf of
oursun Pakistan Limited

CC: Escrow Agent : MCB Bank Limited, 9th Floor MCB Tower, I-3 Chundrigar Road, Karachi
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 35911163

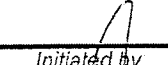
oursun Pakistan Limited.

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

K - Electric Limited

(Formerly Karachi Electric Supply Company Limited)





Incoming Bill Sticker

Incoming Bill Sticker						
Vendor Code	153673	Vendor Name: GHARO SOLAR LIMITED				
Vendor Bill Details		Energy Payment for December-2021 ✓				Initiated by  4/1/22 SHAMMI Signature / Name of the person Date of the Bill
Invoice Date	31-Dec-21	Invoice Nos.	GSL/KE/CINV/21-14	Amount	37,492,774	
Bill Receiving Date	5-Jan-22	P. O. No.		G.R. No.		

Bill Verification Details					Remarks
GL Account	CC	Tax Code	Order No.	Amount (In Full Rupees)	
EAB025	220040000			32,045,106	Energy Payable Dec '21
			GST @17%	5,447,668	
71951570					
			Gross Amount	37,492,774	3rd Agrail Yen
Parking No.		Less :	Down Payment		23-Dec-21
Parking Date			NPMV Deduction		
Payment Due Date	4-Feb-22		Deduction		
Checked & Posted by			Deduction of ST		
			LD Charges		
			Net Amount	37,492,774	
			I. Tax		
Accounts Payable		Amount Payable			

Rupees:-

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

 MUHAMMAD QASIM VORA Deputy General Manager Business Development K-ELECTRIC LIMITED	 ASIM RIZWAN DURESHI Head of Fuel & PP Measurement K-ELECTRIC LIMITED	 FAHAD MAZHAR DGM BF Business Development BF Transmission & BD K-ELECTRIC LIMITED	 MUHAMMAD FAIZ PASHA General Manager L2 Business Finance K-ELECTRIC LIMITED
Signature / Name / Date	Authorized Signatures *	Functional Approval	FBA / COO *

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

* as per signature mandate

* as per signature mandate

GHARO SOLAR LIMITED

MB 300, DHA Phase 6, Lahore.

Ph: 042 38020444

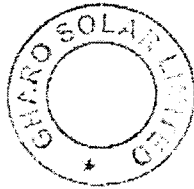
5. Annex E: Block-Wise Energy Calculations for Third Agreement Year from December 23, 2021 to December 31, 2021

Payment Terms:

1. Payment of this invoice shall be made in full on or before the due date i.e., **February 02, 2022**
2. Please transfer the payment in our Bank Account No. *0028-1006603473*, Titled *Gharo Solar Limited Revenue A/c of 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(I)/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




CC:

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

K - Electric Limited

(Formerly Karachi Electric Supply Company Limited)

Incoming Bill Sticker





Vendor Code	153759	Vendor Name: Lotte Chemical Limited				Initiated by 
Vendor Bill Details					Energy Payment for December-2021	
Invoice Date	1-Jan-22	Invoice No.	SI36965	Amount	57,970,867	
Bill Receiving Date	3-Jan-22	P. O. No.		G.R. No.		
					Signature / Name / Date	

Bill Verification Details

GL Account	CC	Tax Code	Order No.	Amount (In Full Rupees)	Remarks
EAB044	220040000			49,547,749	Energy Paym Doc-21
				8,423,117	
			Gross Amount	57,970,867	
Parking No.		Less :	Down Payment		
Parking Date			Other Adjustment		
Payment Due Date	27-Jan-22		Witheld 10% P. Bond		
Checked & Posted by			Retention		
			LD Charges		
			Net.	57,970,867	
			I. Tax		
Accounts Payable			Amount Payable		

Rupees:-

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

 Verified By MUHAMMAD IQBAL VORA Deputy General Manager Business Development K-ELECTRIC LIMITED	 Approved By AMIR RIZWAN QURESHI Head of Fuel & IPP Management K-ELECTRIC LIMITED Technical	 Approved By FAHAD MAZHAR DGM BF Business Development BF Transmission & BD K-ELECTRIC LIMITED Commercial	 Approved By MUHAMMAD FAIZAN PASHA General Manager LZ Business Finance K-ELECTRIC LIMITED
Signature / Name / Date	Authorized Signatures	Functional Approval	FBA / COO *

[illegible]

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

* as per signature mandate

**LOTTE Chemical Pakistan Ltd.**

Al-Tijarah Centre, 14th Floor, 32/1-A, Main Shahrah-e-Faisal,
Block 6, P.E.C.H.S. Karachi-75400, Pakistan
UAN: +92 (0) 21 111 782 111 PABX: +92(0)21 34169101-4

Sales Tax Invoice

Reg No: 12-00-2806-001-64

NTN : 1279414-7

Invoice No : SI36965

Date : 31-DEC-2021

K-Electric Limited

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

S Tax Reg No : 12-00-2716-007-28

NTN No : 1543137-1

Meter Readings	Line 1	Line 2	Units (kWh.)
Meter Reading as on Dec 1, 2021 12:00 AM	2681	76162	
Meter Reading as on Jan 1, 2021 12:00 AM	2692	78297	2,146,000
Units exported			2,146,000
RLNG Consumed in MMBTU (@ 9,945.49 BTU/kWh)			21343.021901

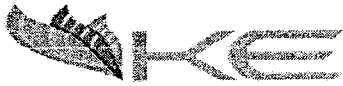
	Amount Per Unit (Rs / kWh)	Total Amount (Rs)
Fuel Cost Component RLNG	21.90830	47,015,211.80
O&M	0.74200	1,592,332.00
Insurance	0.02530	54,293.80
ROE	0.41280	885,868.80
GDIC (if applicable)	0.00000	.00
Total Bill for the month (excluding GST)	23.08842	49,547,749.32
GST @ 17 %		8,423,117.38
Total Bill for the month (including GST)		57,970,866.70

Amount in words :- Fifty-Seven Million Nine Hundred Seventy Thousand Eight Hundred Sixty-Six And Seven Paisas Only.

We are exempt from deduction of Income Tax U/S 153(1) (a) of ITO,
2001 vide exemption no 100000108466682 valid upto 31-DEC-2021



For LOTTE Chemical Pakistan Ltd



K - Electric Limited

(Formerly Karachi Electric Supply Company Limited)

Incoming Bill Sticker

Vendor Code	103513	Vendor Name: M/s. LUCKY CEMENT LIMITED				Initiated by Signature of General Manager Signature of Finance Department Signature of Date
Vendor Bill Details		Energy Payment for December'21				
Invoice Date	1-Jan-22	Invoice No.	92337049	Amount	2,500,151	
Bill Receiving Date	5-Jan-22	P. O. No.		G.R. No.		

Bill Verification Details					
GL Account	CC	Tax Code	Order No.	Amount (In Full Rupees)	Remarks
EAB046	220040000			2,136,881	As per PAC, Lucky had to charge
			GST @17%	363,270	Fuel Cost & VO&M only in Dec-21
					but they erroneously charged
					Fixed O&M instead of VO&M.
					Differencial will be adjusted in
					next invoice.
			Gross Amount	2,500,151	
Parking No.		Less :	Down Payment		Energy Repair
Parking Date			Other Adjustment		
Payment Due Date	4-Feb-22		Witheld 10% P. Bond		
Checked & Posted by			Retention		
			LD Charges		
Accounts Payable			Net Amount	2,500,151	Dec-21
			I. Tax		
			Amount Payable		

Rupees:-

Document Forwarded to:

Business Area / Department:

Addressee Name & Location:

Forwarded Date:

Verified By MUHAMMAD IQBAL VORA Deputy General Manager Business Development K-ELECTRIC LIMITED	Approved By AMIR RAZAAN DURRANI Head of Tech & IT Management K-ELECTRIC LIMITED Technical	Approved By FAHAD MAZHAR DCM BF Business Development BF Transmission & ED K-ELECTRIC LIMITED Commercial	Functional Approval F.M. FAHAD MAZHAR DCM BF Business Development BF Transmission & ED K-ELECTRIC LIMITED	FBA / COO * MUHAMMAD FAIZAN PASHA General Manager L2 Business Finance K-ELECTRIC LIMITED
Signature / Name / Date	Authorized Signatures *		Functional Approval	FBA / COO *

Payment Particulars

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

* as per signature mandate



ENERGY SALE INVOICE

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

Invoice No:

92337049

Date

1 January 2022

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 December' 2021

	KWH DELIVERED
Meter Reading as on 01-January-2022	1,202,000
Meter Reading as on 02-December-2021	991,000
Units Consumed in the month	211,000

			Rate per Unit	Total Amount - PKR
1	Fuel Cost Component	1087 238.38	2.0957	9.5563 2,016,379
2 (a)	Variable O&M			-
2 (b)	Fixed O&M		0.5711	120,502
3	Insurance			-
4	Return On Equity -ROE			-
Total Amount Excluding GST			10.1274	2,136,881
GST @ 17%				363,270
Total Amount Including GST				2,500,151
Total Amount in Words (Rupees): Two Million Five Hundred Thousand One Hundred & Fifty One Only/-				

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

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 # 9337049
- b) Reading Sheet
- c) SSGC paid Bill November'2021

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 T: (92-21) 34537390, 34530175, 34522554 & 34530450 F: 34534302 E: info@lucky-cement.com
URL: www.lucky-cement.com





SALES TAX INVOICE

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

Invoice No. : 92337049

Invoice Date : January 1, 2022

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
TN No. : 1543137-1

Units (in KW/Hr)	Description	Rate	Amount Excluding GST	GST @ 1%	Amount including GST
211,000	Electric Power (From December 1st to December 31st 2021)	10.1274	2,136,881	363,270	2,500,151

Total Amount in Words (Rupees): Two Million Five Hundred Thousand One Hundred & Fifty One Only/-

2,500,151

Note :

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

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



METER

READINGS

K-Electric Limited

	Counter Readings		Generation	Generation in MGS & FCA claim	Comments
	1-Dec-2021	1-Jan-2022	Dec-21	Dec-21	
	MWh				
	A	B	C = B - A		
BQPS I					
Unit 1	8,958,549	8,958,549	-		
Unit 2	9,226,300	9,242,383	16,083		
Unit 5	2,368,024	2,363,024	-		
Unit 6	2,009,671	2,009,671	-		
LDO- DEG 1	535.920	536.090	0.170		
LDO- DEG 2	485.330	485.500	0.170		
LDO- DEG 3	95.750	95.990	0.240		
LDO- DEG 4	72.620	72.680	0.060		
LDO- DEG 5	151.390	151.480	0.090		
Total			16,084	16,084	
BQPS II					
GT 1	2,999,171	3,074,915	75,744		
GT 2	2,806,441	2,885,343	78,902		
GT 3	2,992,950	3,034,784	41,834		
ST	10,287,165	10,392,392	105,227		
Total			301,707	301,707	
KCCP					
GT 1	2,411,825	2,413,082	1,257		
GT 2	1,831,658	1,832,597	939		
GT 3	2,519,675	2,519,675	-		
GT 4	2,910,912	2,911,222	310		
ST A	1,445,306	1,445,306	-		
ST B	535,517	535,631	113		
Total			2,619	2,619	
KGTPS					
Sec1 Export	149,992	150,009	18		
Sec1 Import	(2,099)	(2,180)	(81)		
Sec2 Export	213,009	213,040	32		
Sec2 Import	(1,679)	(1,747)	(69)		
Sec3 Export	120,185	120,196	11		
Sec3 Import	(1,935)	(1,986)	(51)		
Sec4 Export	214,245	214,245	-		
Sec4 Import	(1,846)	(1,903)	(57)		See Note 1
ST Export	63,808	63,808	-		
ST Import	(1,531)	(1,543)	(12)		See Note 1
Sec1 Aux	773	857	83		
Sec2 Aux	1,060	1,130	70		See Note 2
Sec3 Aux	680	731	52		
Sec4 Aux	757	815	57		See Note 1
ST Aux	928	940	12		See Note 1
Total			63	63	

K-Electric Limited

SGTPS

	Counter Readings		Generation	Generation in MGS & FCA claim	Comments
	1-Dec-2021	1-Jan-2022	Dec-21	Dec-21	
	kWh				
	A	B	C = B - A		
Sec1 Export	905,332	905,332	-		
Sec1 Import	(3,329)	(3,385)	(56)		See Note 1
Sec2 Export	74,068	74,090	22		
Sec2 Import	(873)	(941)	(68)		
Sec3 Export	950,305	950,374	69		
Sec3 Import	(3,070)	(3,129)	(58)		
Sec4 Export	930,371	930,452	81		
Sec4 Import	(3,518)	(3,572)	(55)		
ST Export	56,408	56,408	-		
ST Import	(334,837)	(334,857)	(20)		See Note 1
Sec1 Aux	22,397	22,452	56		See Note 1
Sec2 Aux	22,857	22,926	69		
Sec3 Aux	21,892	21,952	60		
Sec4 Aux	26,285	26,343	58		
ST Aux	5,658	5,679	22		See Note 1
Total			178	178	

Notes:

1. At S&K the plant configuration is that 8 engines (constituting 1 section) are connected to a common 11 KV bus bar. This bus has two outgoing feeders with energy meters installed on each feeder; One for exporting/importing energy to/from the grid, while the other outgoing feeder is connected to the auxiliary transformer of that section.

To compute the gross generation of the section, the sent outs and auxiliary have to be summed up using the formula:

Gross Generation = Net Sent outs (Export – Import) + Auxiliary. (SLD is also appended below)

When completely on standby, any section imports power from grid to run its auxiliary. Accordingly, while totaling the generation as per above formula, it should ideally be nil as exports are zero and import should equal auxiliary consumption. However, due to difference in CT Ratio (Current Transformer Ratio) installed on the section transformer (CT Ratio 2000/5) and on auxiliary transformer (CT Ratio 100/5) this is not the case and hence there is this a minor difference being shown on net basis.

Accordingly, where whole section has zero export during the month, the minor difference in reading of import and auxiliary has been excluded for calculation of total generation, to eliminate the effect of erroneous generation being shown.

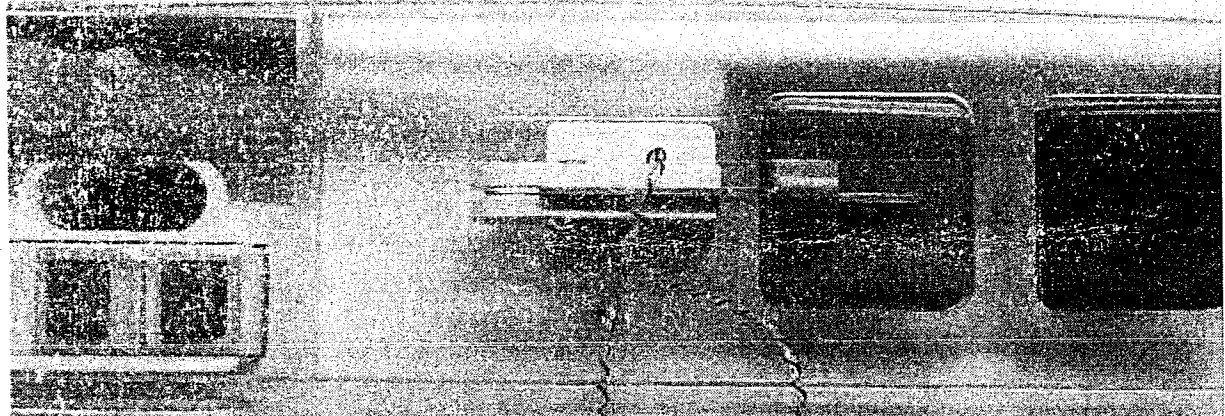
2. Meter Snapshot showing "060333.34 KWH" to be read as "1,060,333.34 KWH" at November 30, 2021 and "130,216.48 KWH" as "1,130,216.48 KWH" due to 8-digit kWh display capability on meter screen. Reading was 951,636 KWH at October 31, 2021.

100A

Made in Germany

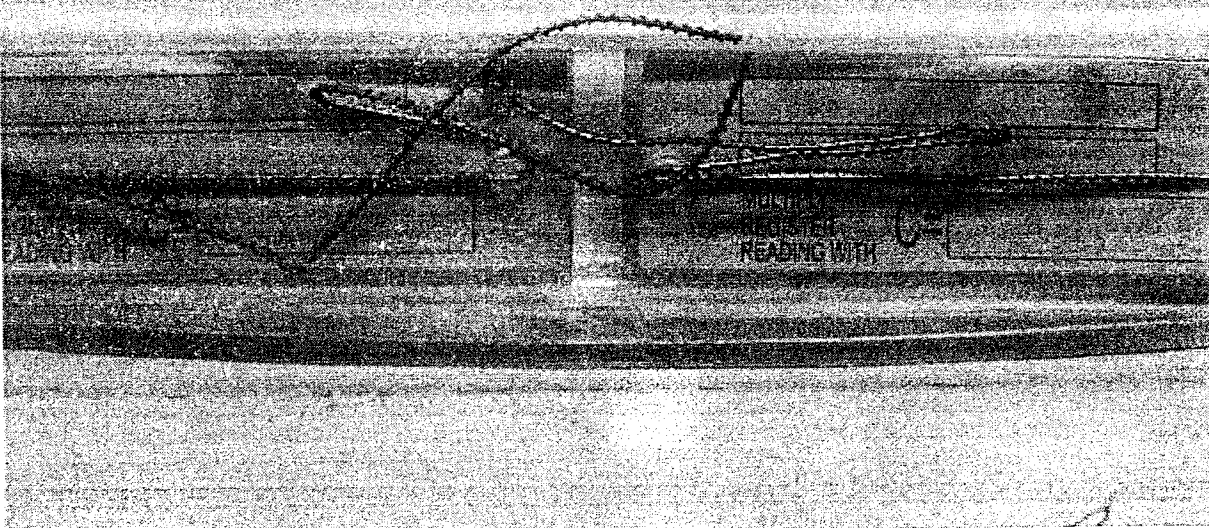
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100A No. 7500000220
Property of KESCO
Not for SALE



2022/01/01 00:01:24
1-0:1.0.0+255
9242382.7 MMH
L A+R- T1 E

Wire/3 Ph 3 Wire

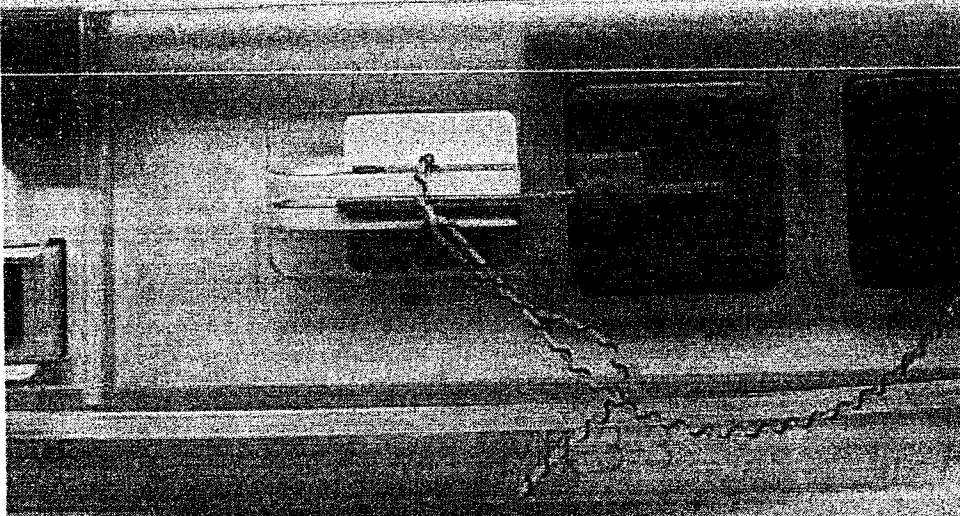


POBES33-EI-L21-M3K09-Z7 3x57.7/100 V; 3x63.5/110 V 5/10/15

RCA=20 000 kwh/kvarh RCB=20 000 kwh/kvarh Pr. No. 335 335

UX=50-240 V AC/DC

Conn. 32



ber	4 8.0	Total kvarh reactive
	9 8.0	Total kVAh apparent +
	1 4.0	Demand kW active +
	3 4.0	Demand kvar reactive +
	9 4.0	Demand kVA apparent +
	1 6.0	Max. Demand kW active +
	3 6.0	Max. Demand kvar reactive +
	9 6.0	Max. Demand kVA apparent +
iva +	x	Tariff register x (x=1,2,3,4)

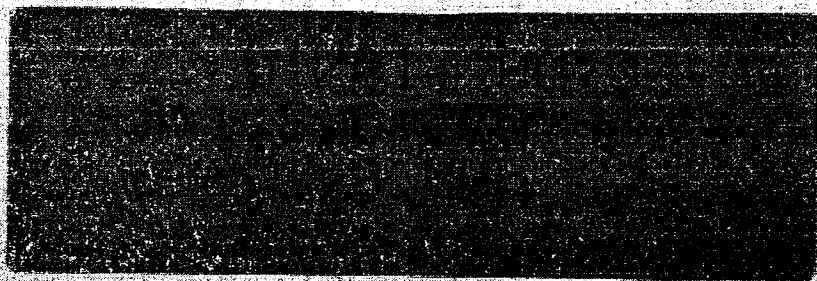
P.O. No. 7500000
Property of KESCO
Not for SALE

41

Model No. 51100000

3 Ph 4 Wire

S=100.00



3 Ph 4 Wire/3 Ph 3 Wire



FRONT-42R36330-5-121-40003-77 3x57.7/100 V, 3x63.5/110 V 5(10) A

807-863 R=20 000 Imp/kWh R=20 000 Imp/kvarh Pt. No. 005 5



U=50-240 V AC/DC

Conn.: IS



Serial number	4.8.0	Total kWh reactive
Serial code	5.8.0	Total kWh reactive
	1.4.0	Current kWh reactive
	2.4.0	Current kWh reactive
	3.4.0	Current kWh reactive
	4.4.0	Current kWh reactive
	5.4.0	Current kWh reactive
	6.4.0	Current kWh reactive
	7.4.0	Current kWh reactive
	8.4.0	Current kWh reactive
	9.4.0	Current kWh reactive
	10.4.0	Current kWh reactive
	11.4.0	Current kWh reactive
	12.4.0	Current kWh reactive
	13.4.0	Current kWh reactive
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	19.4.0	Current kWh reactive
	20.4.0	Current kWh reactive
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	22.4.0	Current kWh reactive
	23.4.0	Current kWh reactive
	24.4.0	Current kWh reactive
	25.4.0	Current kWh reactive
	26.4.0	Current kWh reactive
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	30.4.0	Current kWh reactive
	31.4.0	Current kWh reactive
	32.4.0	Current kWh reactive
	33.4.0	Current kWh reactive
	34.4.0	Current kWh reactive
	35.4.0	Current kWh reactive
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	92.4.0	Current kWh reactive
	93.4.0	Current kWh reactive
	94.4.0	Current kWh reactive
	95.4.0	Current kWh reactive
	96.4.0	Current kWh reactive
	97.4.0	Current kWh reactive
	98.4.0	Current kWh reactive
	99.4.0	Current kWh reactive
	100.4.0	Current kWh reactive

P.O. No. 75000002
Property of KESCO
Not for SALE

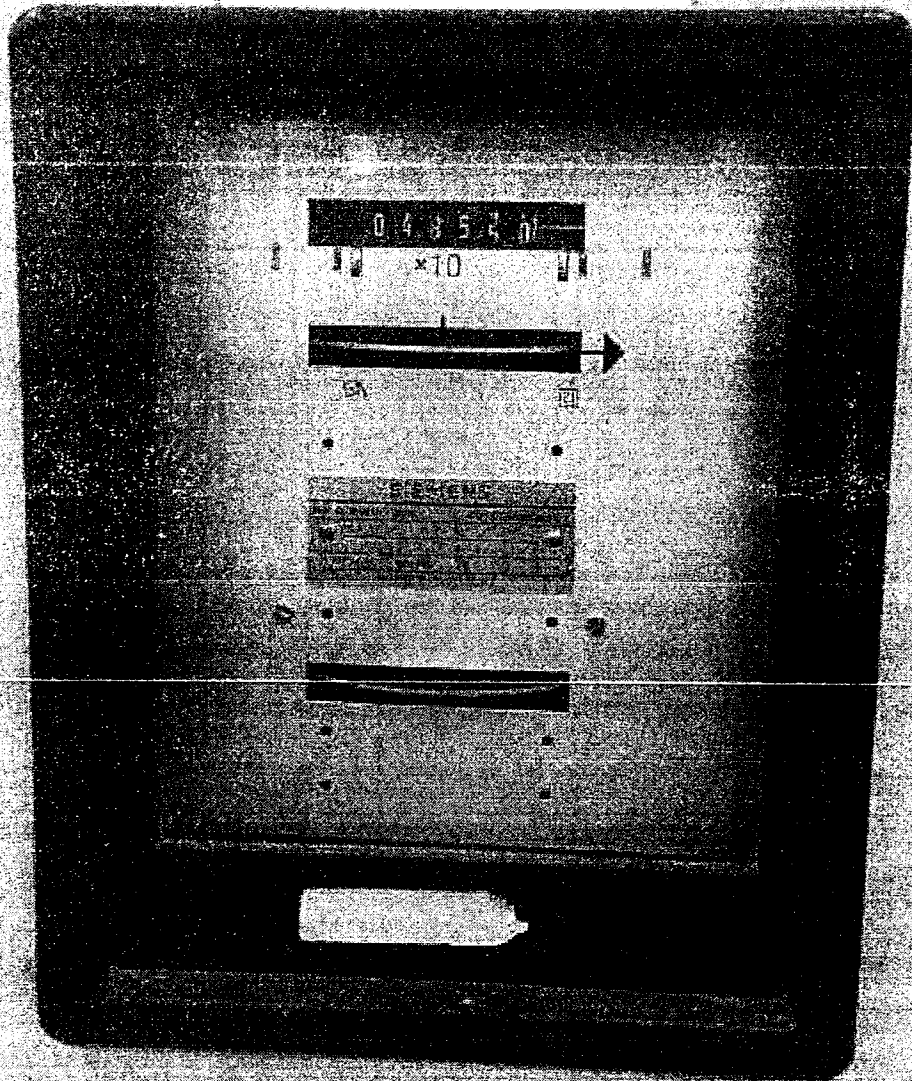
DEG I

0 5 5 3 0 0

$\times 10$

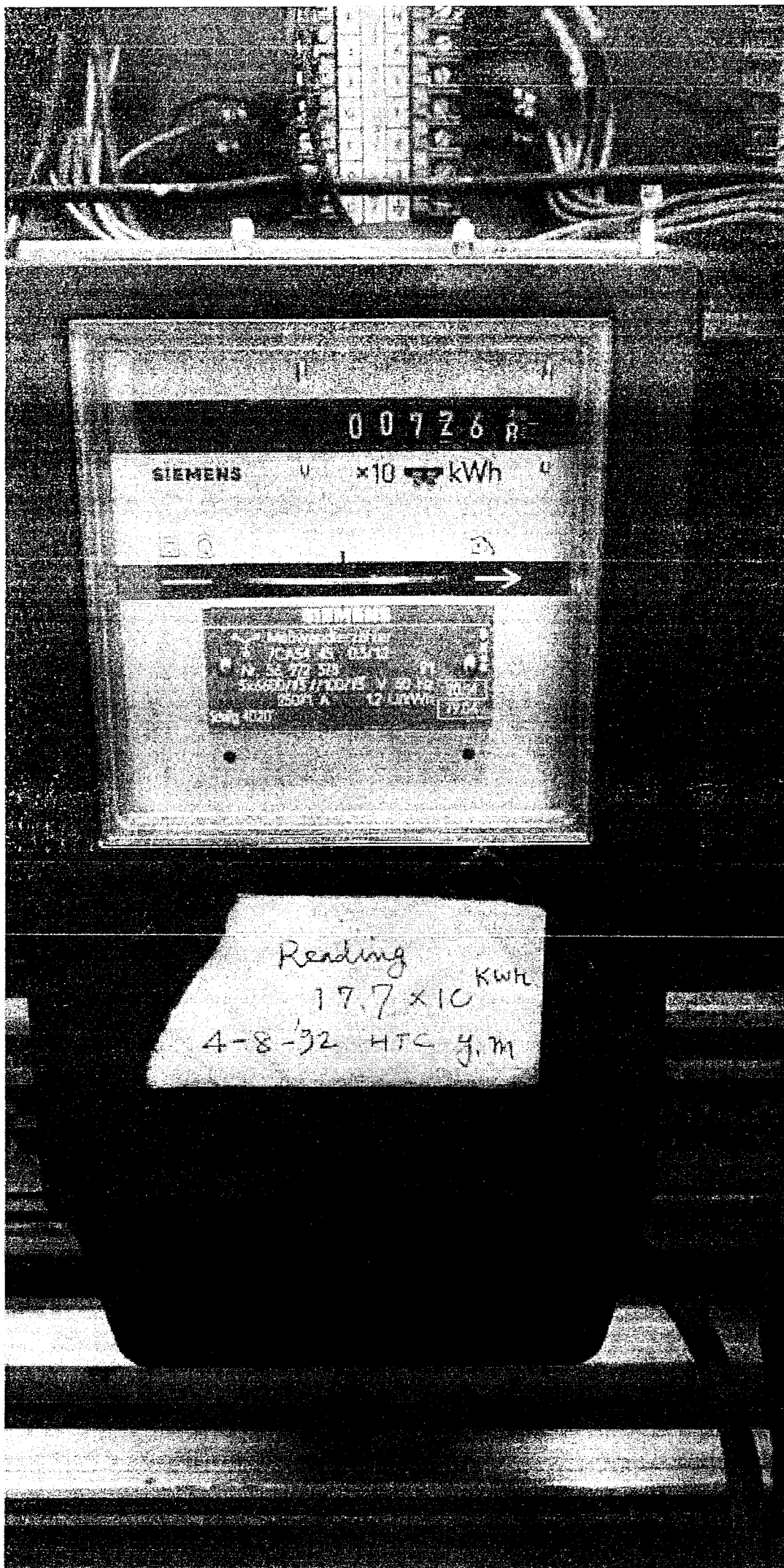
SIEMENS

DEG 2

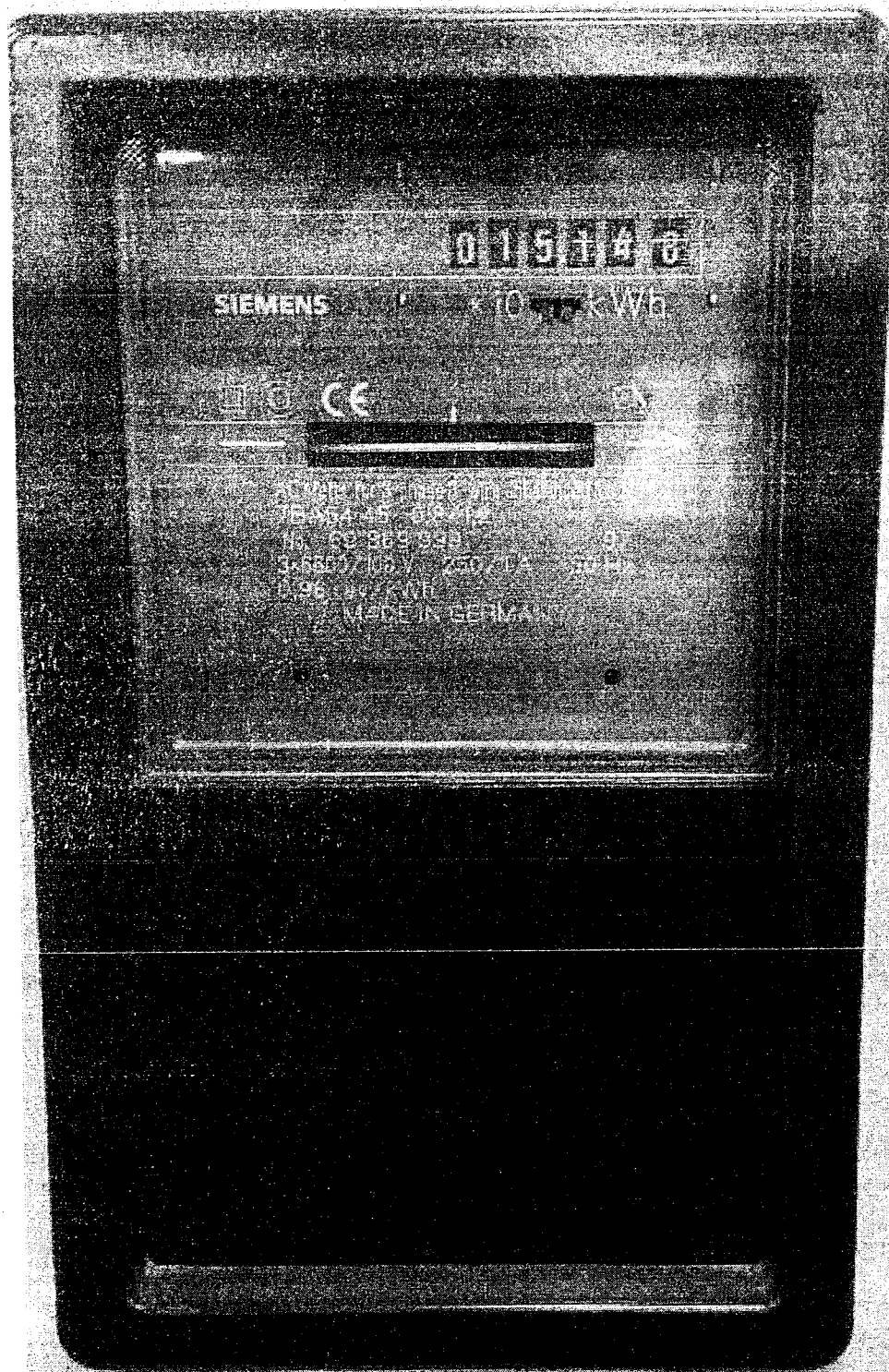


DEG 3



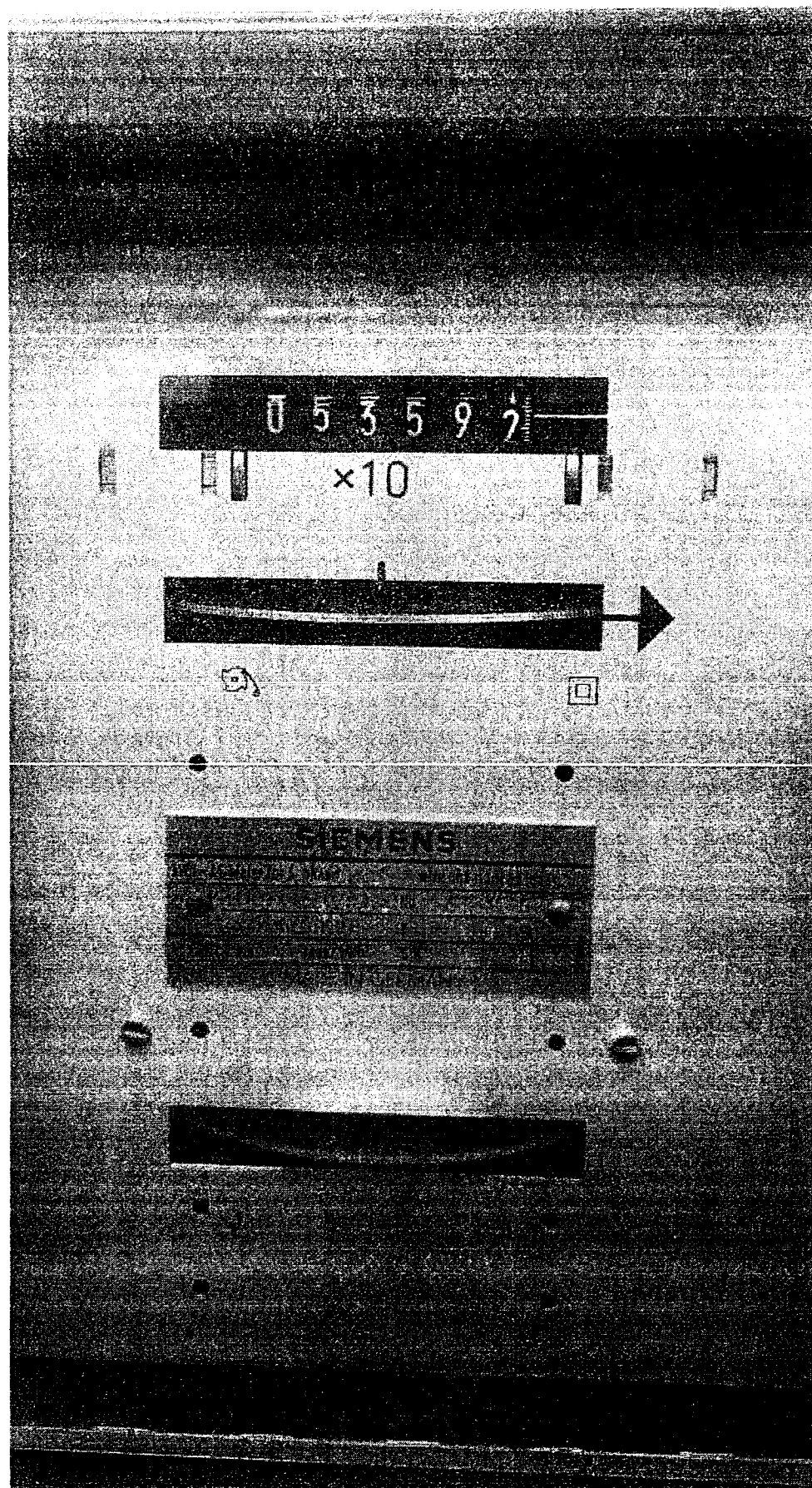


Reading
17.7 x 10 kWh
4-8-32 HTC y.m



A3MJY05CE311
DIESEL GENRATOR 5

DEG I



DEG 2

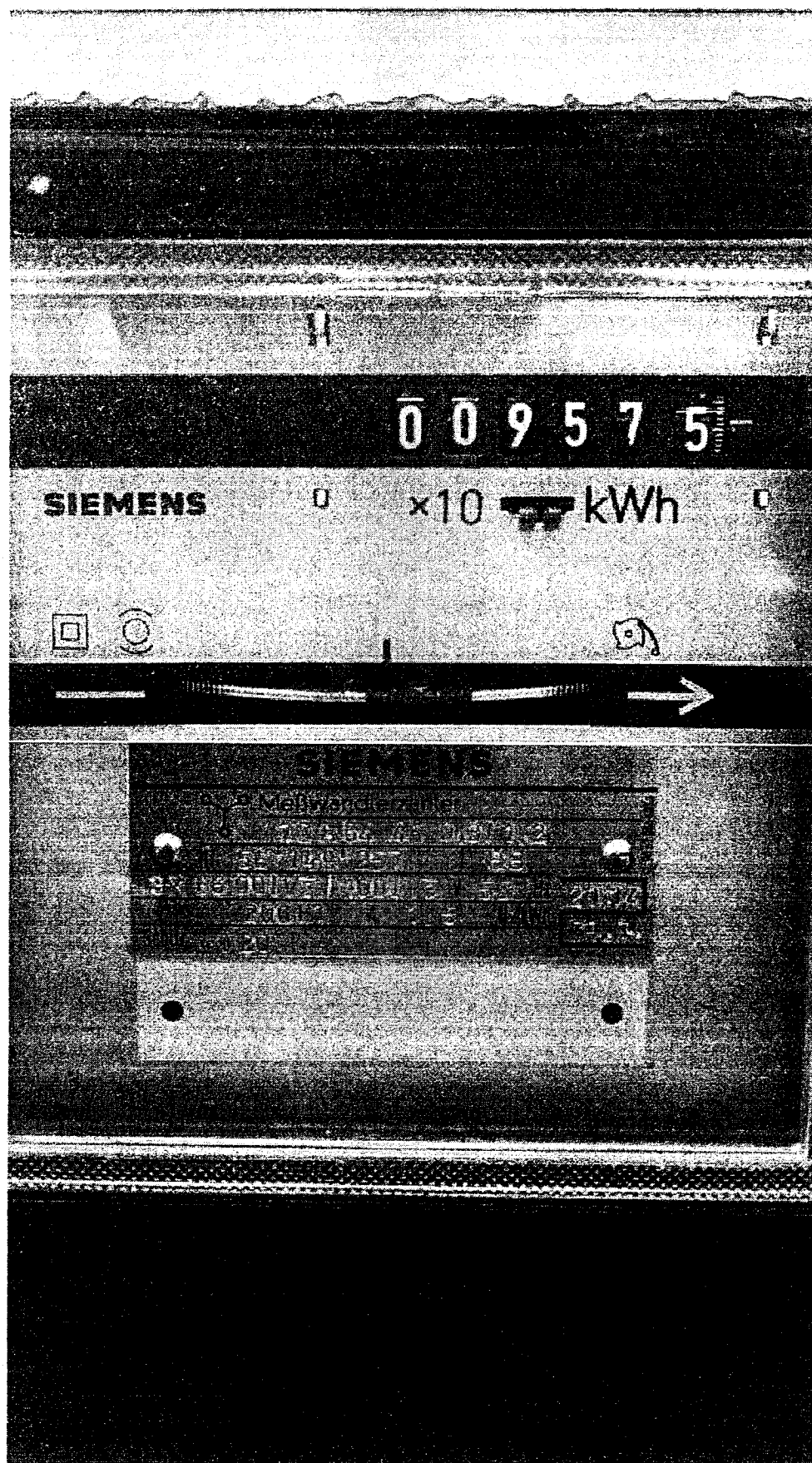
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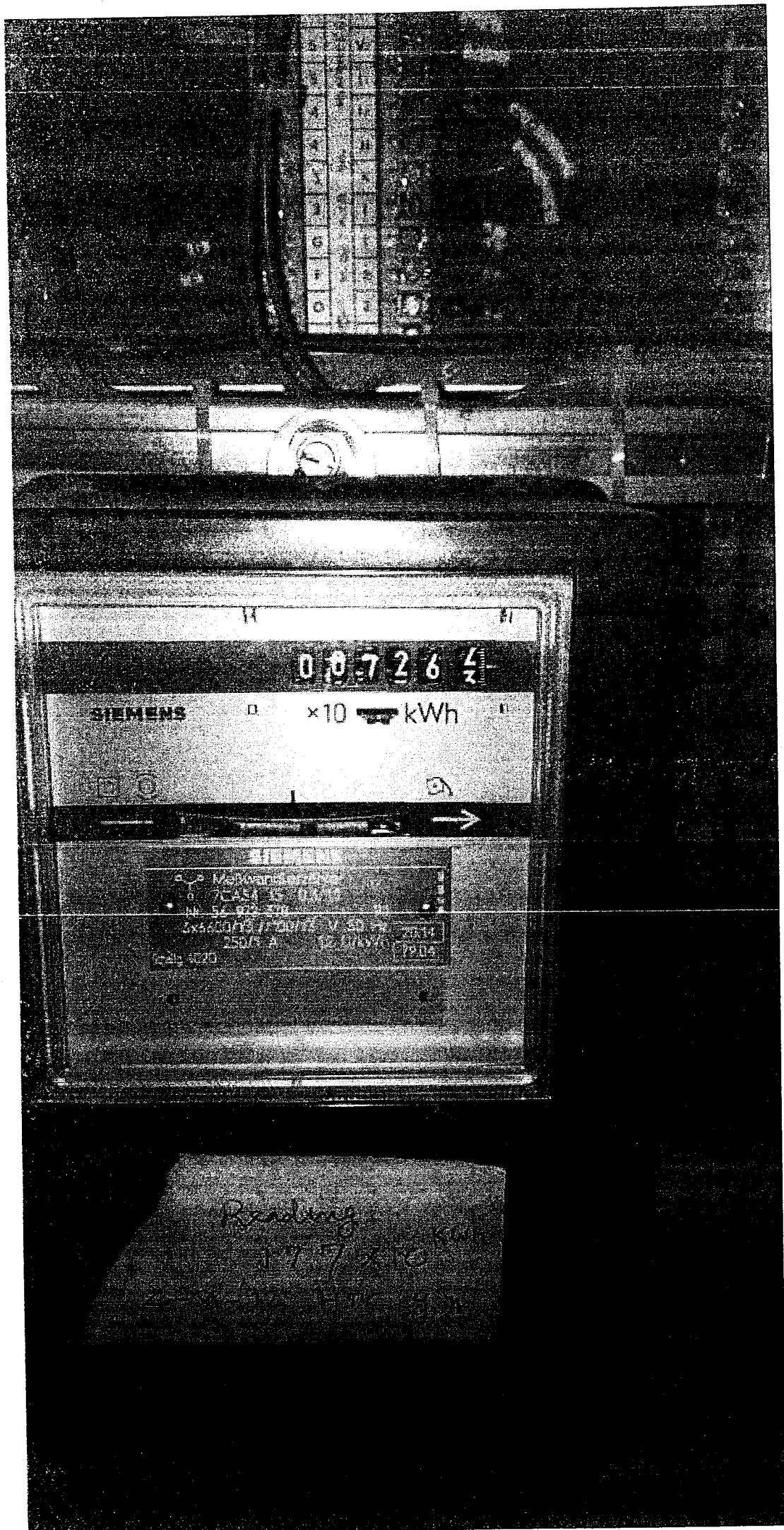
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SIEMENS
MAGNETIC
RECORDING
UNIT
TYPE 100
MADE IN GERMANY

DEG 3





007264

SIEMENS

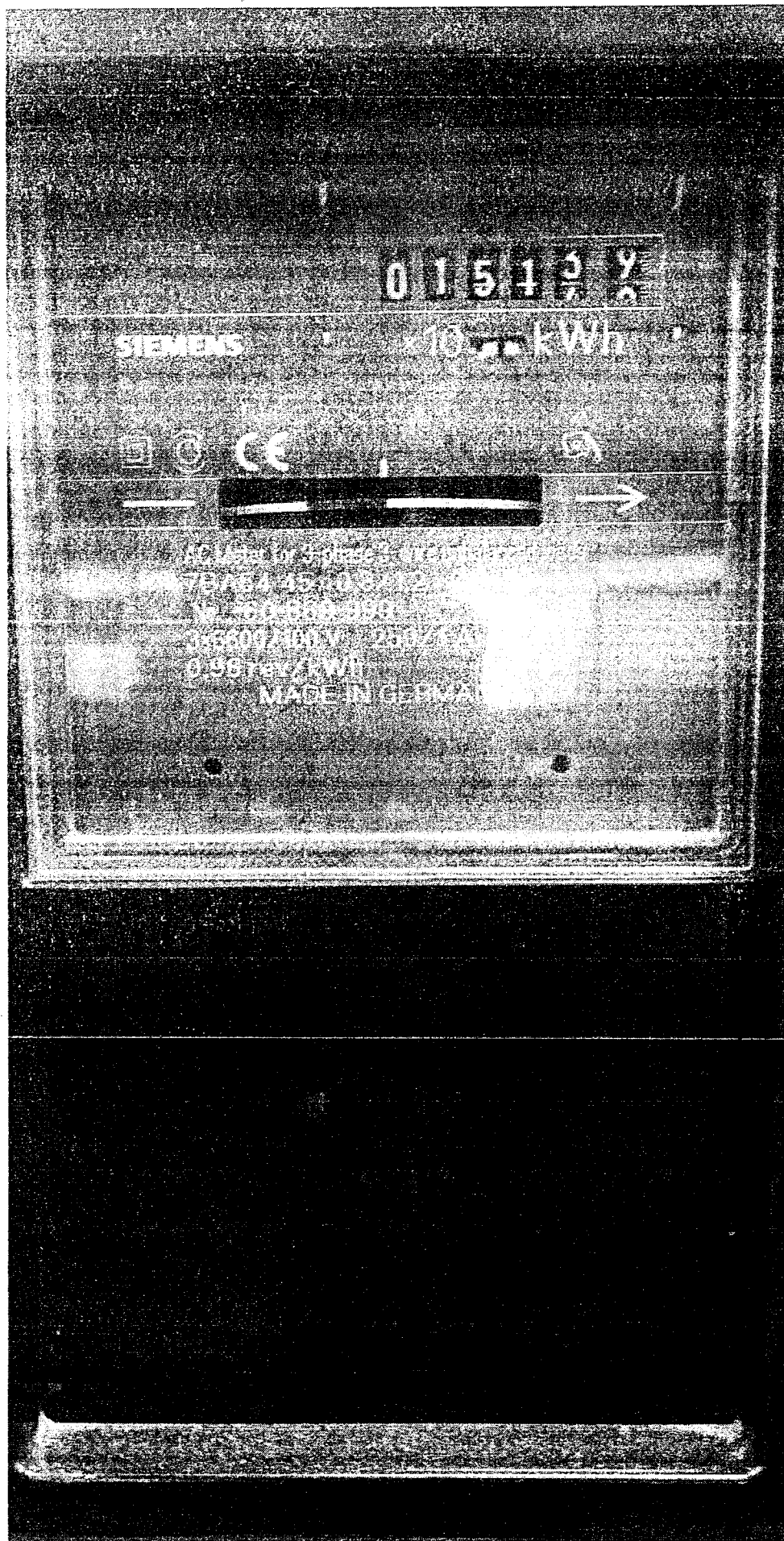
x10 kWh

SIEMENS
CASA 15 01/02
N. 922 300
CASA 15 01/02
250/5 A 12.5kV/12.5kV
1904

Reading

177 x 10

1770 kWh



A3MJY05CE311
DIESEL GENRATOR 5

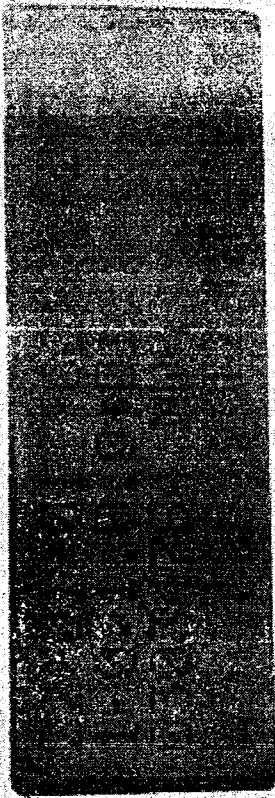


No. 0184583

YSLIP

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Signature & Date: 7-4-32 191
KE No. 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100
Consumer No.
Section

ISKRA



AO-3PH4WIF

Type: MT8618-A27B-A32-L12-L21-A32-5-11

No. 70422183

No.: D184590

SLIP

Name: GY3 Gross

Signature & Date:

KE No.: 372186

Consumer No.:

Section:

Review

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The concentration of the *Agrobacterium* suspension was 10⁶ cells/ml (○), 10⁷ cells/ml (□), 10⁸ cells/ml (△), and 10⁹ cells/ml (◇). The error bars represent the standard deviation of three independent experiments.

Figure 1

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(continued)

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Signature & Date: [Signature] 25-01-2-21
V. No.: 2537926
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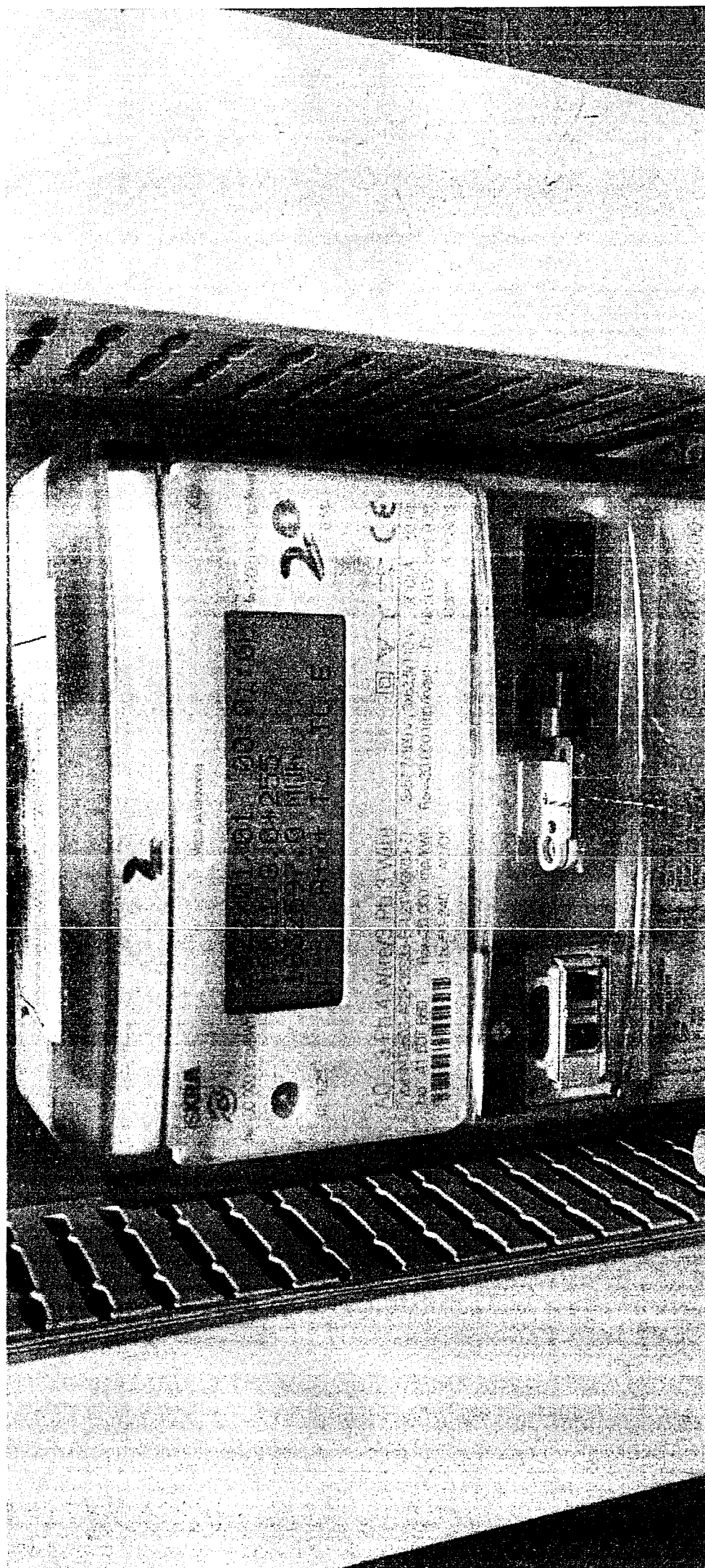
THE UNIVERSITY OF CHICAGO

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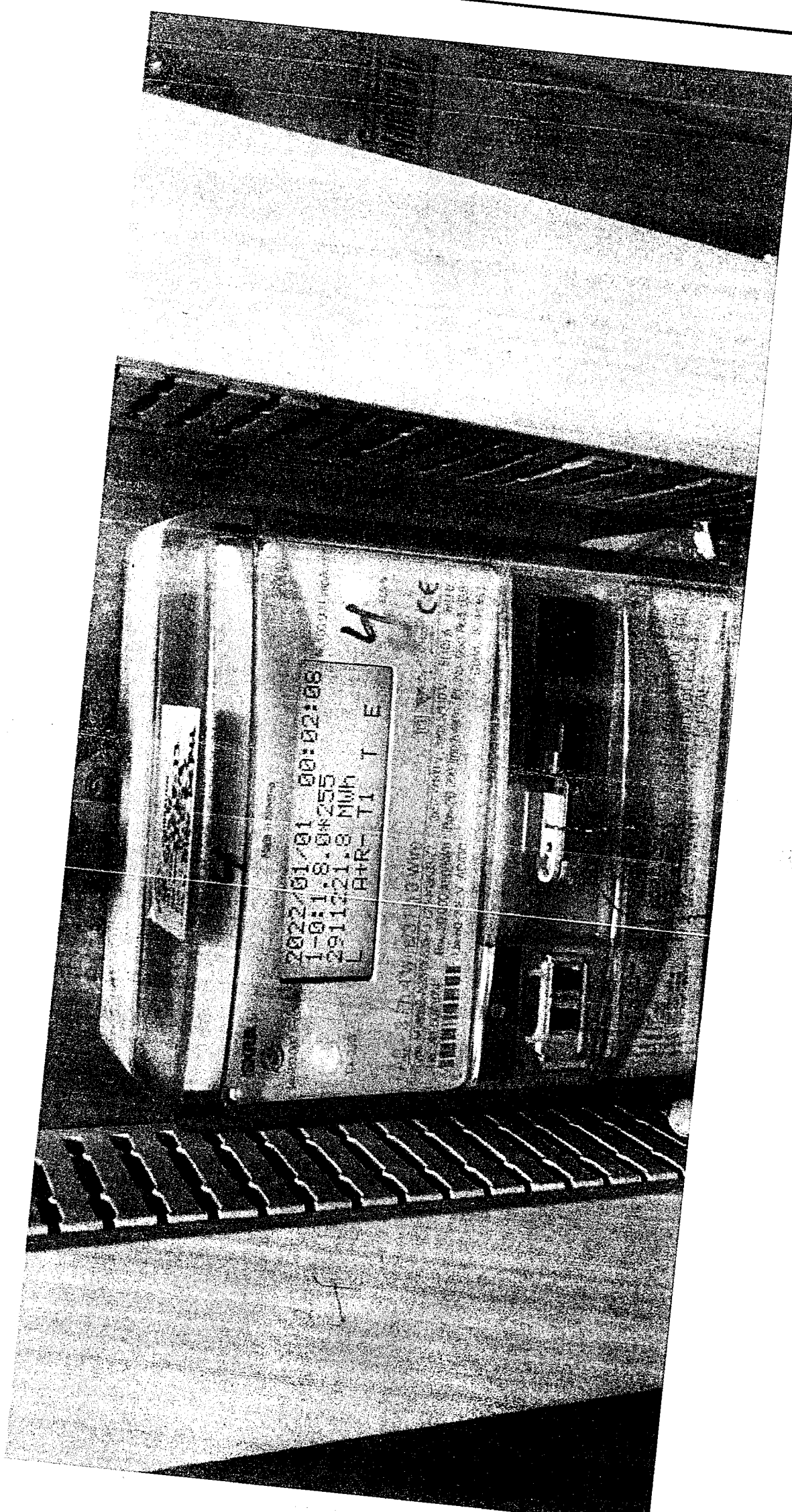
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L A R- T2



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L A+R- T1 T E

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ENERGY
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11kv AUX
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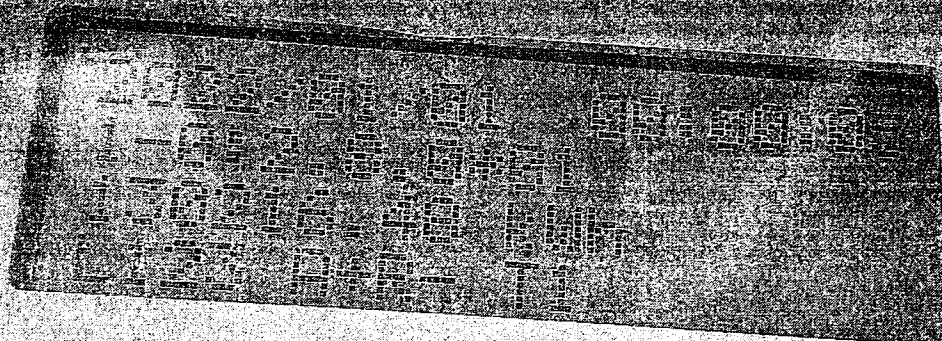
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L123 A-R- T1

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fr=100 000 Imp/kvarh

0.5%

Wire/3 Ph 3 Wire
Sec#02.11kv. ALICE
3x57.7/100 V 3x63.5/115 V 5(10) A 50 Hz
Pr. No: 035 861 038
Conn. IS26861
Lx=50-240 V AC/DC
Rcr=20 000 Imp/kvarh
Rcr=20 000 Imp/kWh

5P5
ENERGY
METER

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L123 R+ T1

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mwh

5P5 ENERGY METER

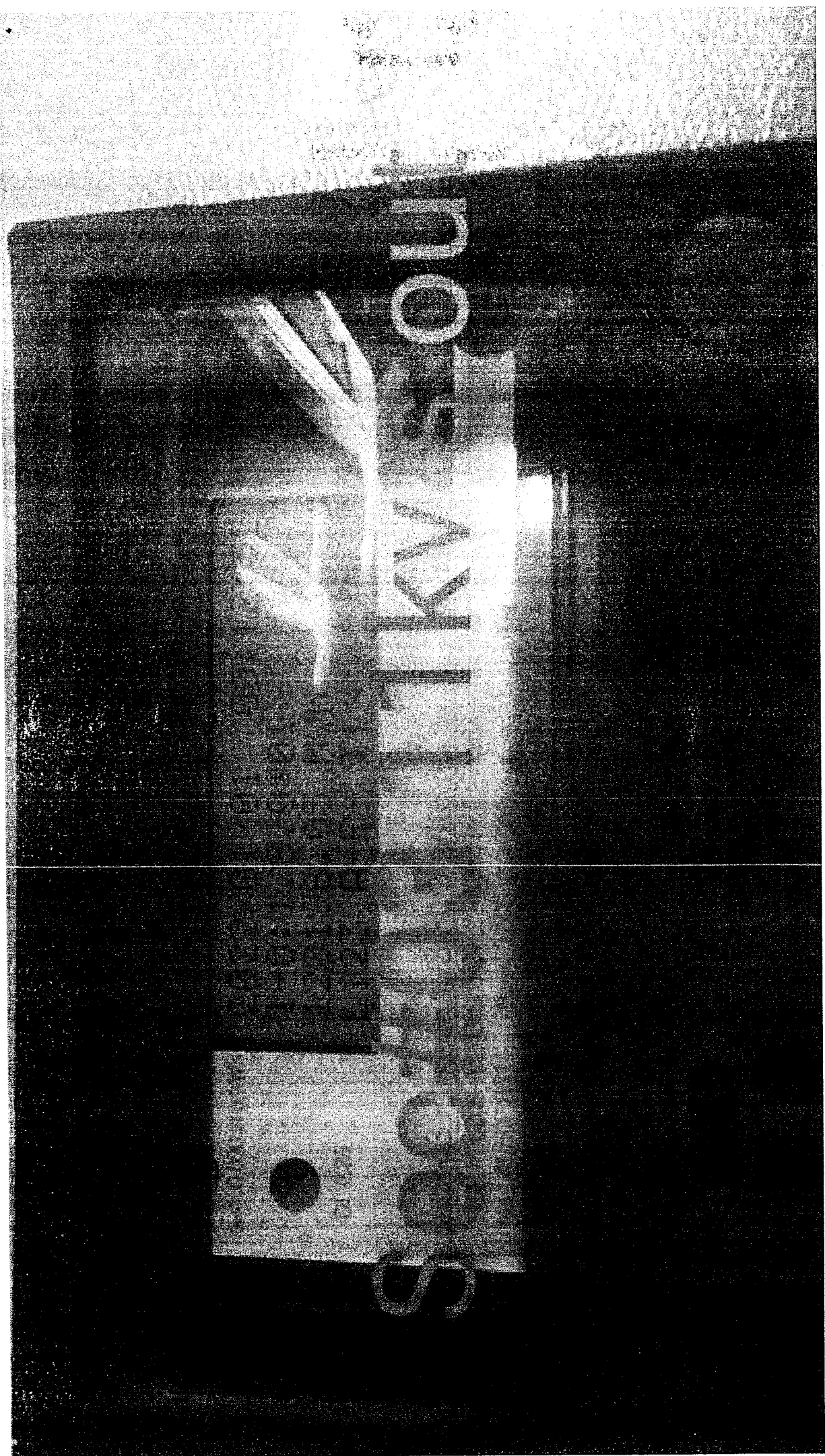
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JOURNAL OF THE
ROYAL ANTHROPOLOGICAL INSTITUTE

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STG 11KV AUX

2022.01.01 00:02

2022/01/01 00:03:06
1-0:1.8.0+01
001542.70 MWh
L000 A+R+ T2 MT E

STG 11KV Import

2022.01.01 00:03

2022/01/01 00:03:20

1-0:2.8.0+01

063807.82 MMH

L A+R+ T2 MT E

STG. 11KV. S.OUT

2022.01.01 00:03

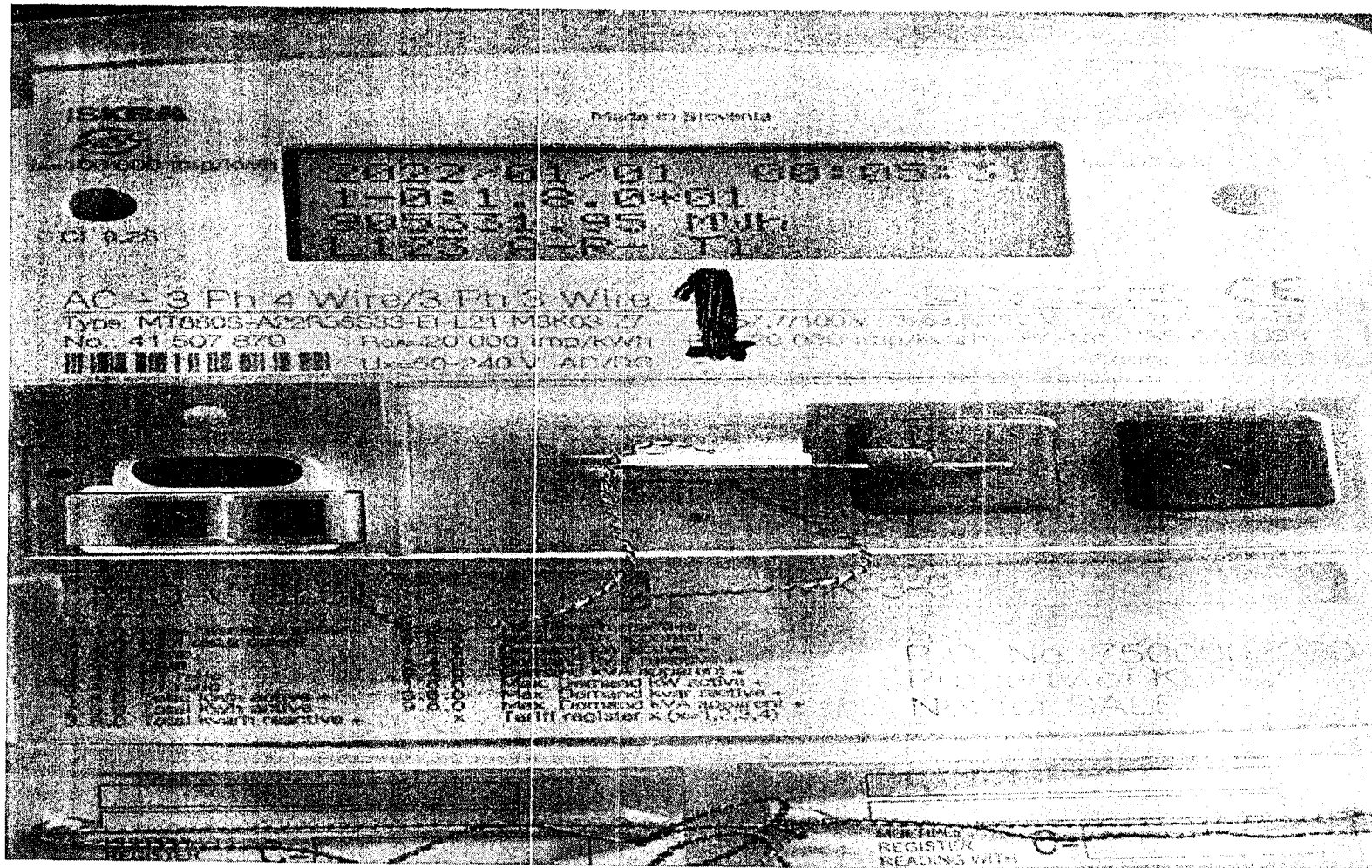
11KV METERS READING DATED 01-01-2022 AT 00:00

For Engines - 1.8.0 = Export

2.8.0 = Import

(T) 2.8.0 = Auxiliary

SECTION#1



[The page contains faint, illegible markings or bleed-through from another document.]

100

AC - 3 PH 4 WIRE/3 PH 3 WIRE
TYPE: MIB606-A2R0333-B L21-M-3K03-27
No. 41 507 579 PRA=20 030 ITDAWA
C=51020 V AC MIC

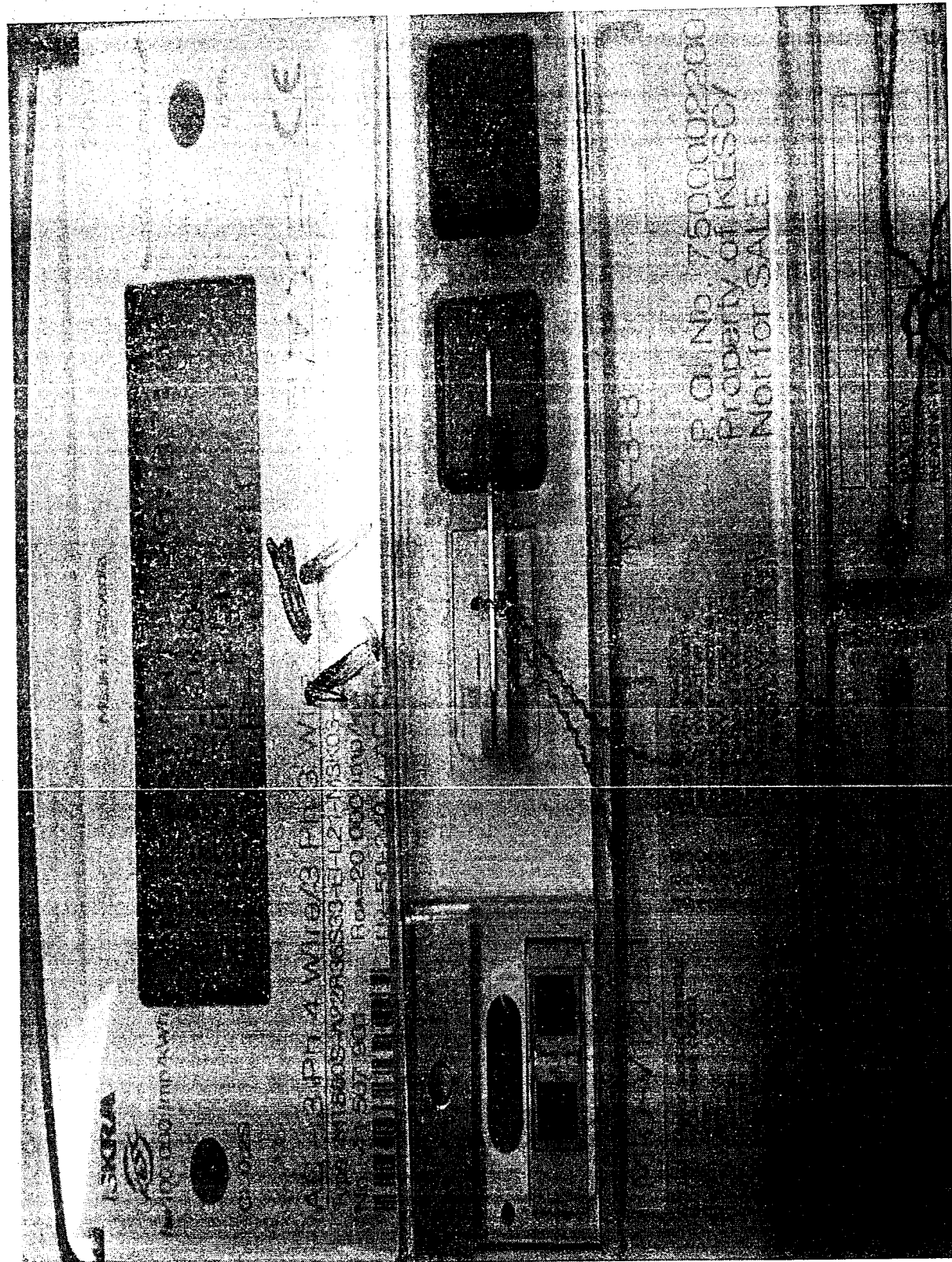
577190 26-04-1981

Max Demand kW active +
Max Demand kW reactive +
Max Demand kVA complex +
Tanh register x 0.1254

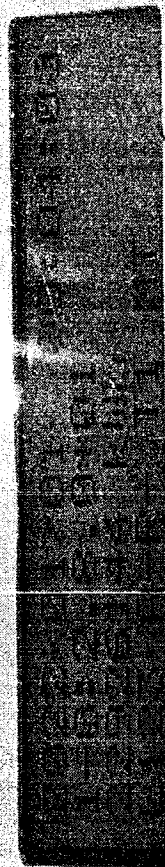
0000000000

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卷之四



ISKOLA



AG 3 Ph 4 Wire/3 Ph 4 Wire CE

Type N18503-A2R3N535-E121-MK1 3x5/100 V, 3x5.5A, 110 V, 5(10)A

No. 41 507 801 P04-20 000 kWh kWh P04-20 000 kWh kWh Pr No 035 851 023

UN-20-240 V AC/0.01

1000 1000 1000 1000

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Total kWh reactive -
Total kWh active +
Demand kWh reactive +
Demand kWh active +
Max Demand kWh reactive +
Max Demand kWh active +
Farm register x (N-1,2,3,4)

0000000000 x
850144500
43100100

Meter serial number
MDI reset count
Farm
N1 ratio
N2 ratio
Total kWh active +
Total kWh reactive +

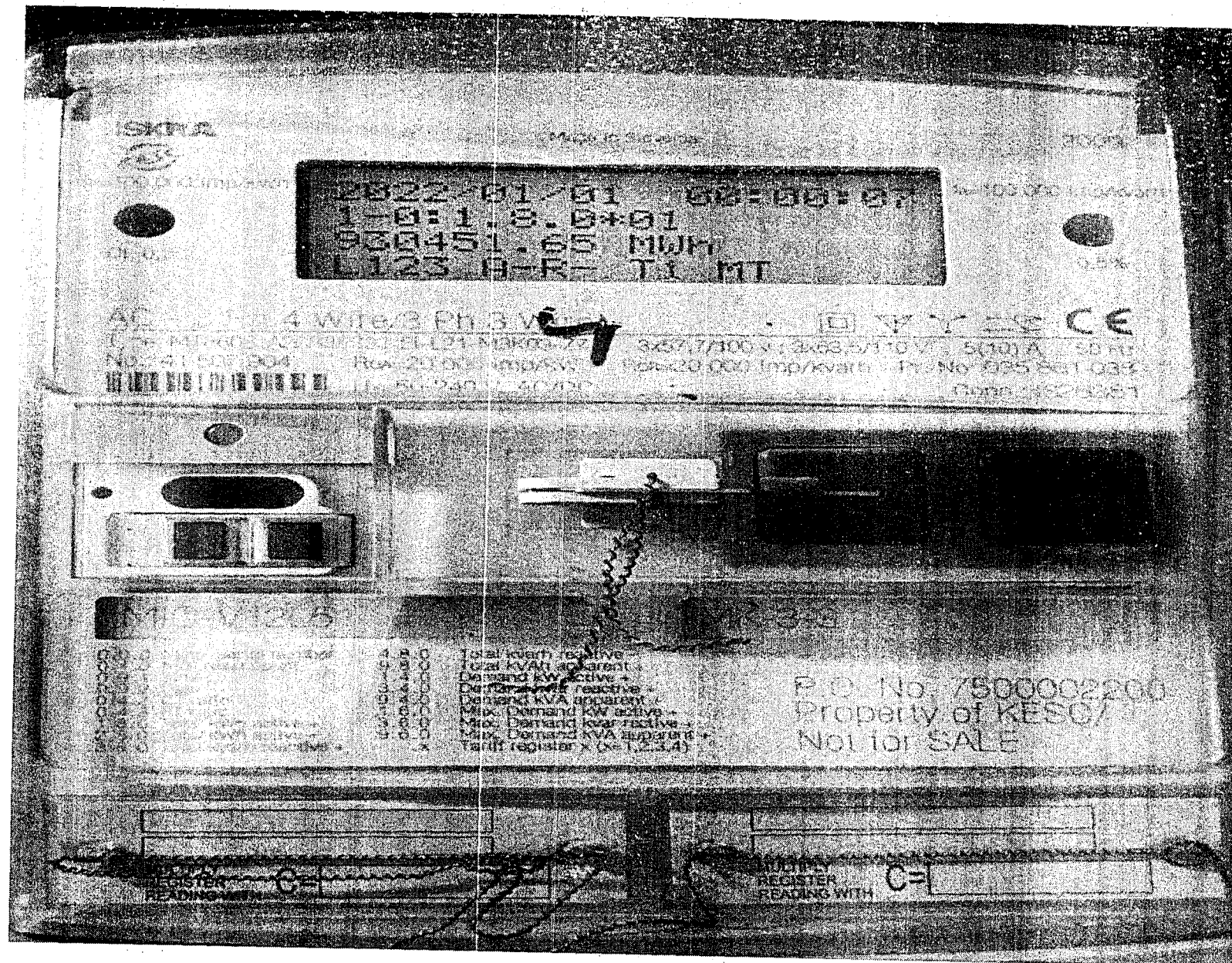
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P.O. No. 75000002200
Property of KESC
Not for Sale

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[illegible]

SECTION#4



[illegible]

000-1000-1
000-1000-2
000-1000-3

[illegible]

(T) 2.8.0 = Auxiliary

2022/01/01 00:08:40
1-0:2.8.0*01
056408.20 MWB
L123 A+R+ T1 M

DEPARTMENT OF JUSTICE

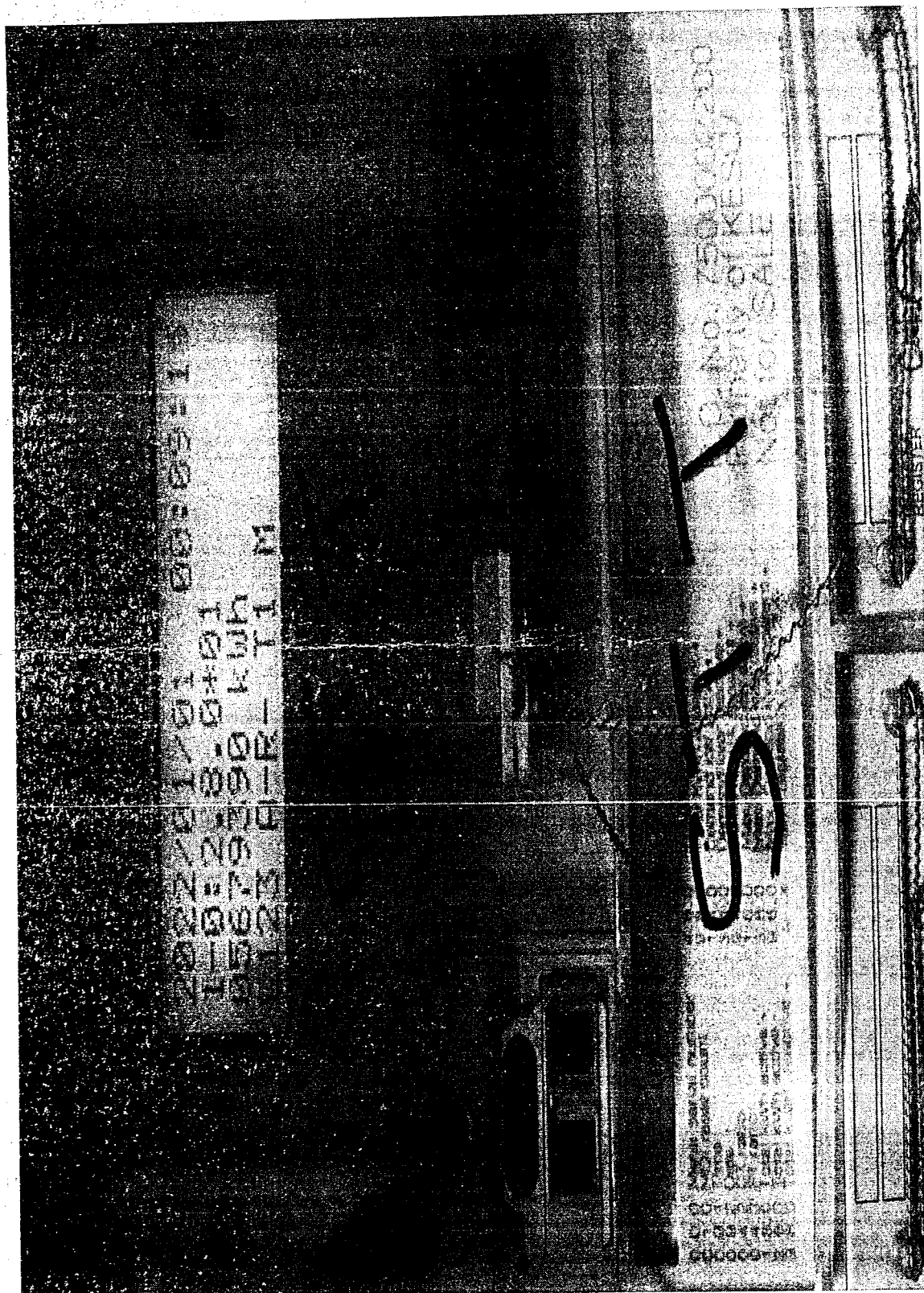
South active
South active
North active

1. NAME
 2. DATE
 3. TIME
 4. LOCATION
 5. REASON
 6. REMARKS
 7. SIGNATURE
 8. DATE
 9. TIME
 10. LOCATION
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 252. REMARKS

P.O. No. 75000002230
Property of KESCO
NOT FOR SALE

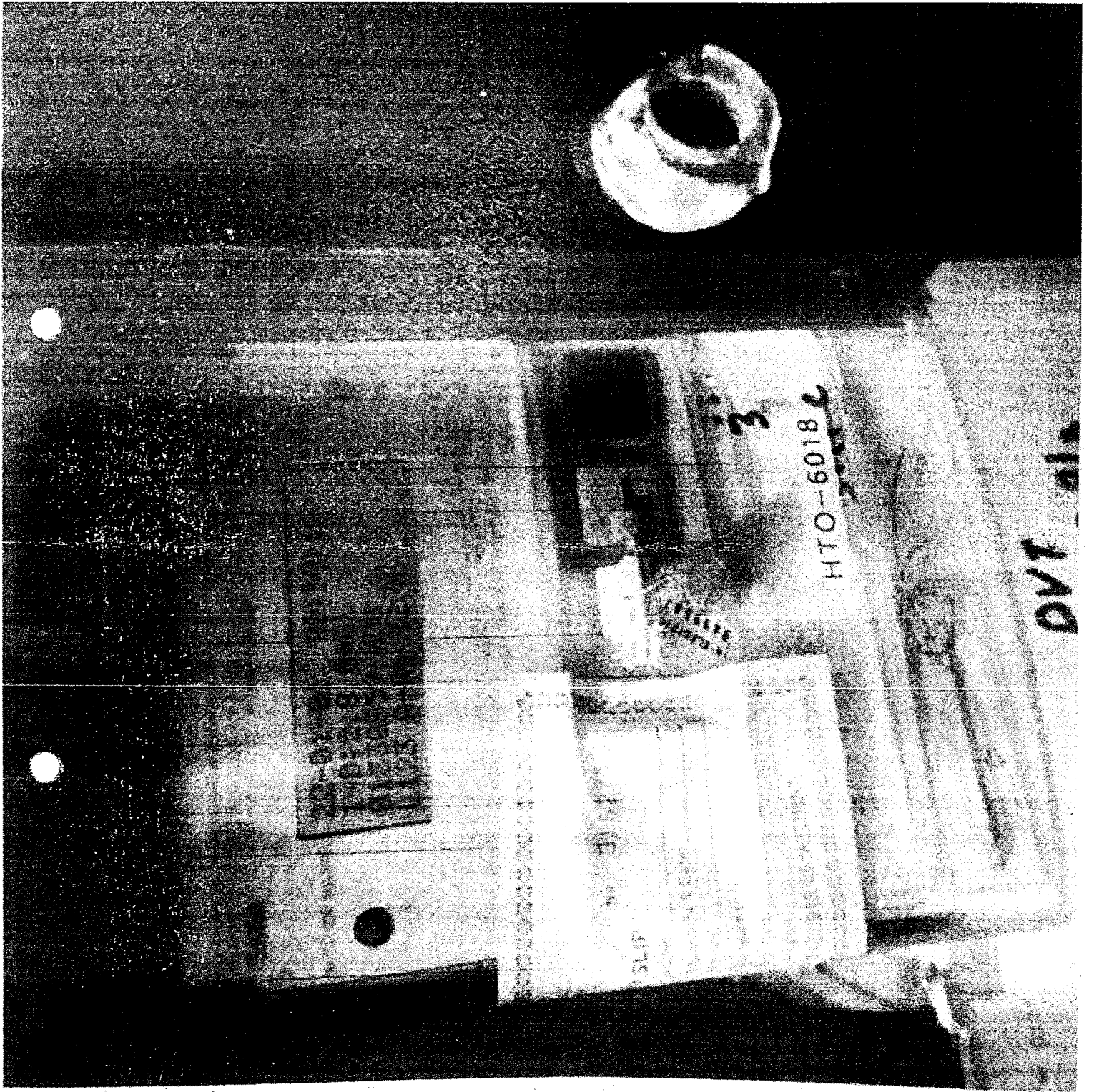
1989-1990

READING WITH



	Counter Readings		Generation
	31-Dec-21	1-Jan-22	Dec-21
MWh			
	A	B	C = B - A
SNPC			
Transformer 1	1,660,581	1,687,229	26,648
Transformer 2	1,304,243	1,330,859	26,616
			53,264
Gul Ahmed			
Transformer 1	190,244	199,481	9,237
Transformer 2	183,192	189,175	5,983
Transformer 3	180,779	188,203	7,424
			22,644
FPCL			
HTQ 5495	1,963,558	1,997,726	34,168
			34,168
Tapal			
Transformer 1	345,790	357,792	12,002
Transformer 2	365,479	376,021	10,542
Transformer 3	354,334	366,367	12,033
			34,577
Lucky			
Transformer 1	991	1,202	211
			211
Gharo			
Transformer 1	104,970	108,234	3,264
Transformer 2	106,741	110,042	3,301
			6,565
ILL			
Meter	11,893	11,893	-
			-
ISL			
Meter 1	34,558	34,961	403
Meter 2	27,654	27,983	329
			732
Lotte			
Transformer 1	2,681	2,692	11
Transformer 2	76,162	78,297	2,135
			2,146
Oursun			
Transformer 1	126,469	129,441	2,972
Transformer 2	128,716	132,226	3,510
			6,482
NTDC			
KDA - Import - Line 1	(910,161)	(910,161)	-
KDA - Export - Line 1	4,114,494	4,185,099	70,605
KDA - Import - Line 2	(1,178,252)	(1,178,252)	-
KDA - Export - Line 2	4,341,871	4,412,462	70,591
NKI - Import - Line 1	(1,403)	(1,403)	-
NKI - Export - Line 1	18,873,518	19,155,939	282,421
NKI - Import - Line 2	(1,227)	(1,227)	-
NKI - Export - Line 2	19,135,634	19,421,764	286,130
Total			709,747





Transformer # 01

320

(Main)

100 000 Imp/kWh

100

GL 0,2S

2 Dh / Wire

3x63,5/170 V

1-6A

20 000 Imp/kWh

Pr. No: 035

Conn: K

Transformer # 02

132000

ISKRA

(Main)

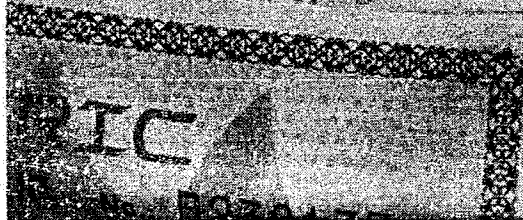
W=100 000 Imp/kWh

W=100 000

Cl. 0,2S

3 Ph 4 Wire

□ Y ≡



3K05-77

3x63,5/110 V

1-8A

Wh - Pen-20 000 Imp/kvarh - Pr. No. 035.86

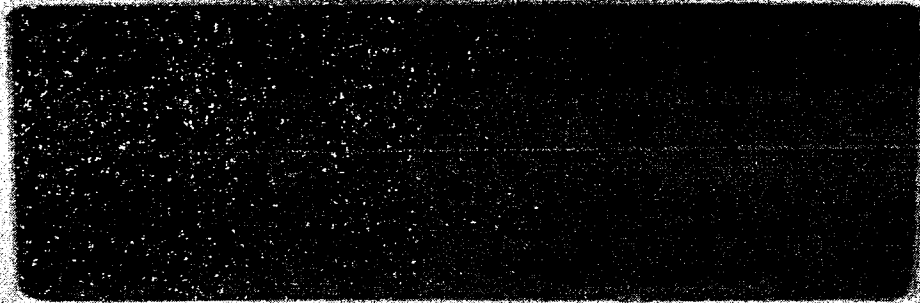
110

Conn. 152

RIC

Transformer # 03

(Main)



Redacted Wire

363.5/110 V 1.4 A
RMS 20,000 amp/minute PL 100 CO

Transformer # 01

(Back up)

2023-01-01	01	01
1-01-2-01	01	01
00199450	01	01
L123	T2	E

MSK03-27 3x0.3/110 v
/v/h Pot=20 000 Imp/Varh
2/00

CE

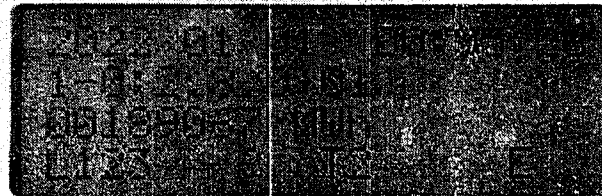
MET

TRANSFORMER # 02
(Backup)

Transformer # 02

(Back up)

ISKRA



10-100 000 amp/volt

CE

8005-27 8x05,5/110 V 1.6 A 50 Hz
Wh. Pot=20 000 Imp/volt Pr. No: 005 904 010
700 Curr. 182842

TYSLIP No.: 0238129

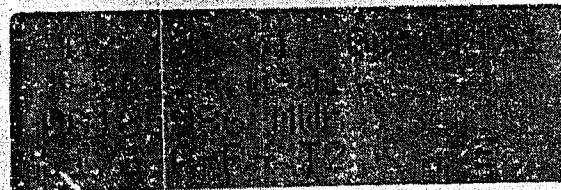
FOR USER DEPARTMENT

K-ELECT
METER SECURITY S

TRANSFORMER # 03
(Backup)

Transformer # 03
(Back up)

SKRA



TY SLIP No. D238153

FOR USER DEPARTMENT

Name:

METER SECURITY SLIP No. D238

FOR USER DEPARTMENT

WARNING

Whoever, disposes of this meter, shall be punished under provisions of the law.

FOR USER DEPARTMENT

Name:

Signature & Date:

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

P21

SKNA

22-01-01 00:00:00
1-0:2.8.0+255
01997726 MWh
L123 H-R- T2 MT E

CE

0199729

IP

Site

Signature & Date

No.

Owner No.

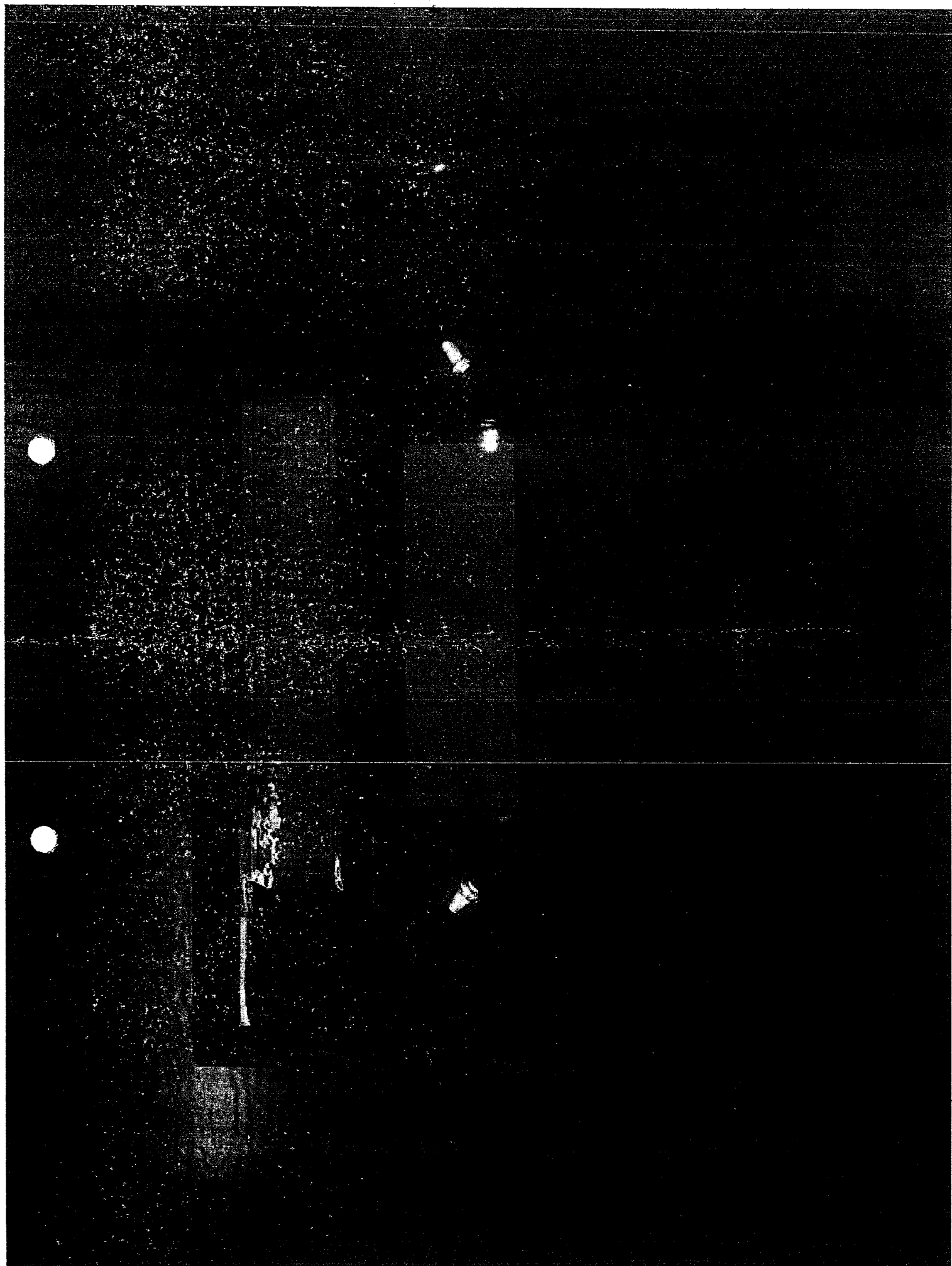
tion

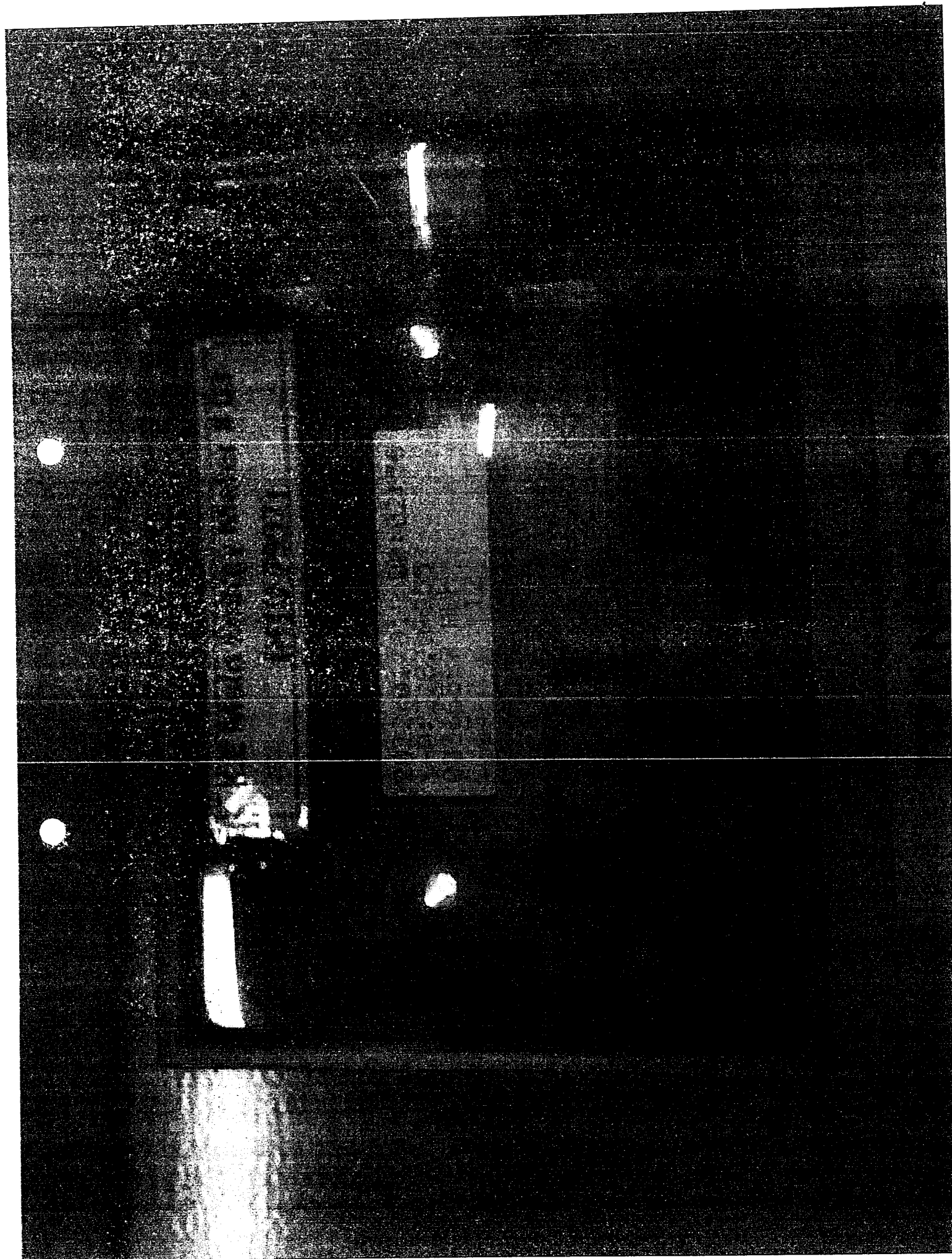
Age

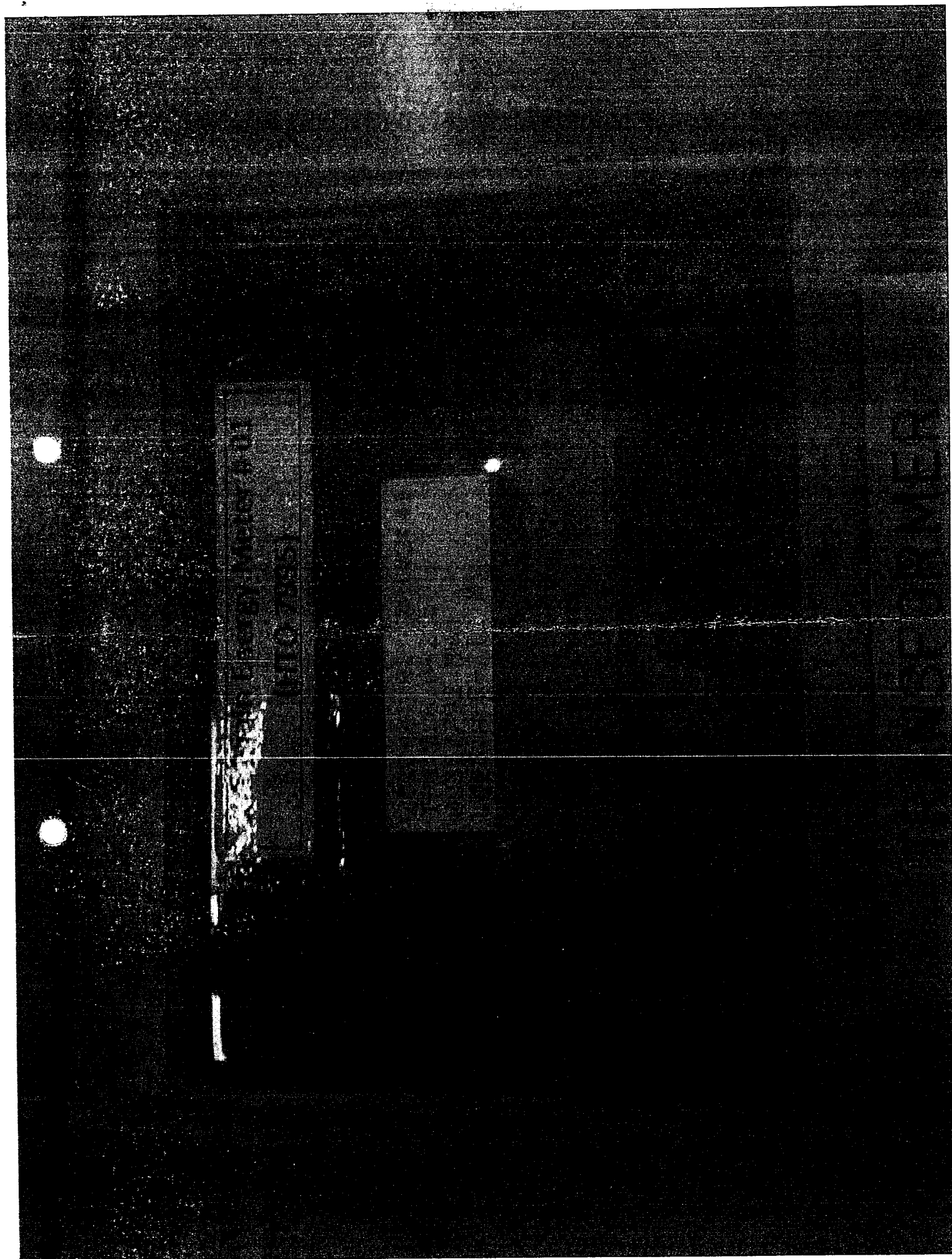
USER/DEPARTMENT

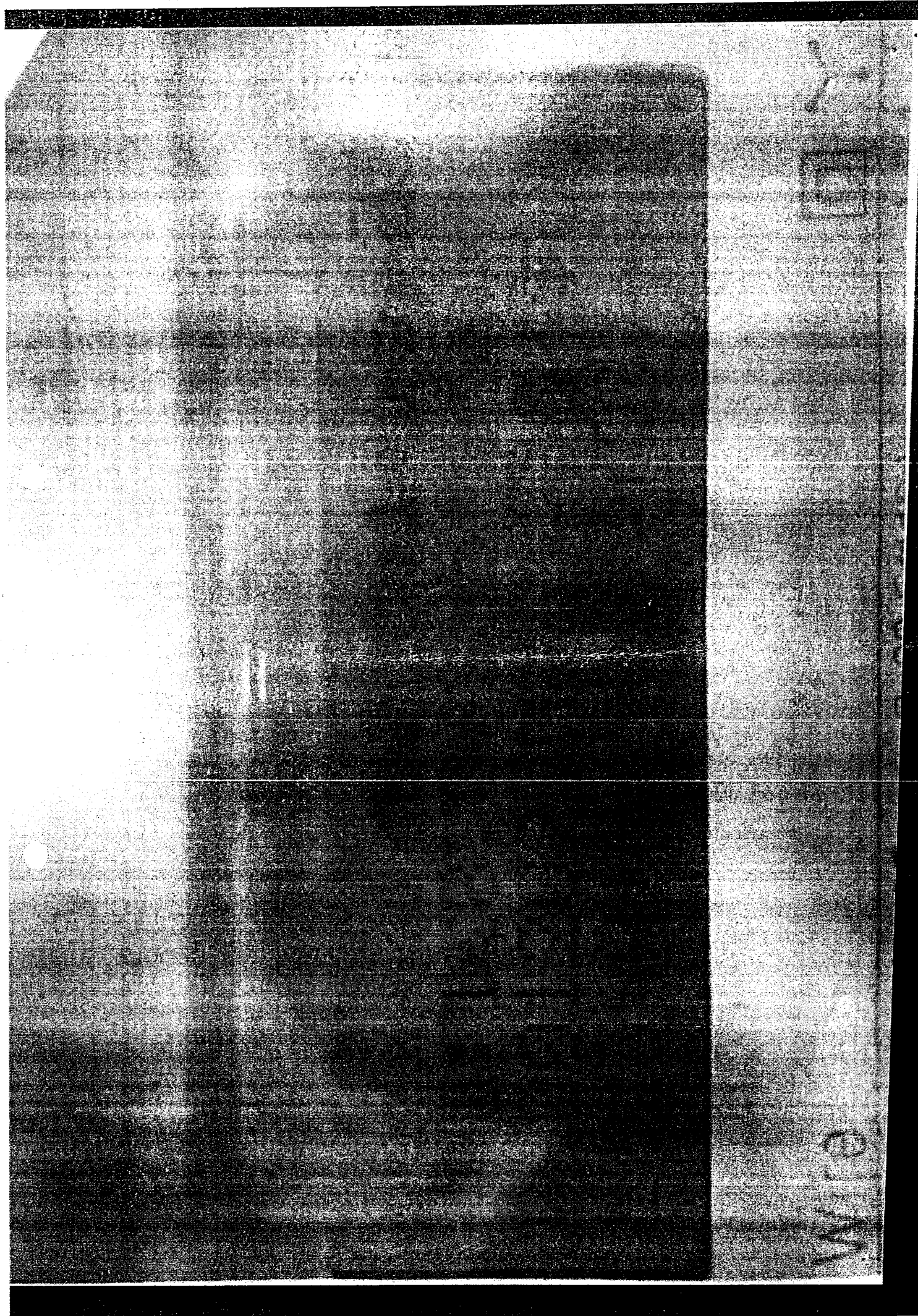
HTO-5495

realme Shot on realme 5 Pro











TERRI
MMA

22-01-01 00103151
1-01-2-8-01-255
00103234 kWh
L123 B+R- T2 T E

CE

ELECTRIC
SLIP NO. 0219457
FOR OFFICE DEPARTMENT

Name
Signature & Date
Kt No.
Consumer No.
Section
Region

HTO-8237

1- MAIN

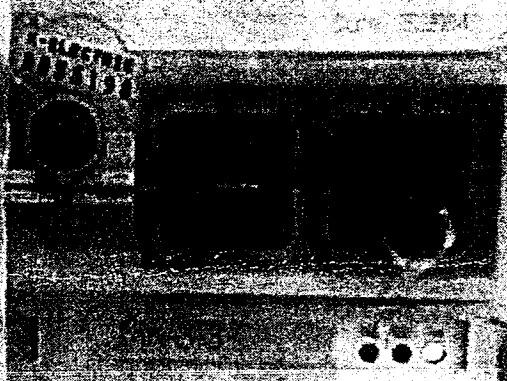
11/10/02 11/11/02

22-01-01 11/11/02
1-012-8-0000
00110002 0000
1123-0000

CE

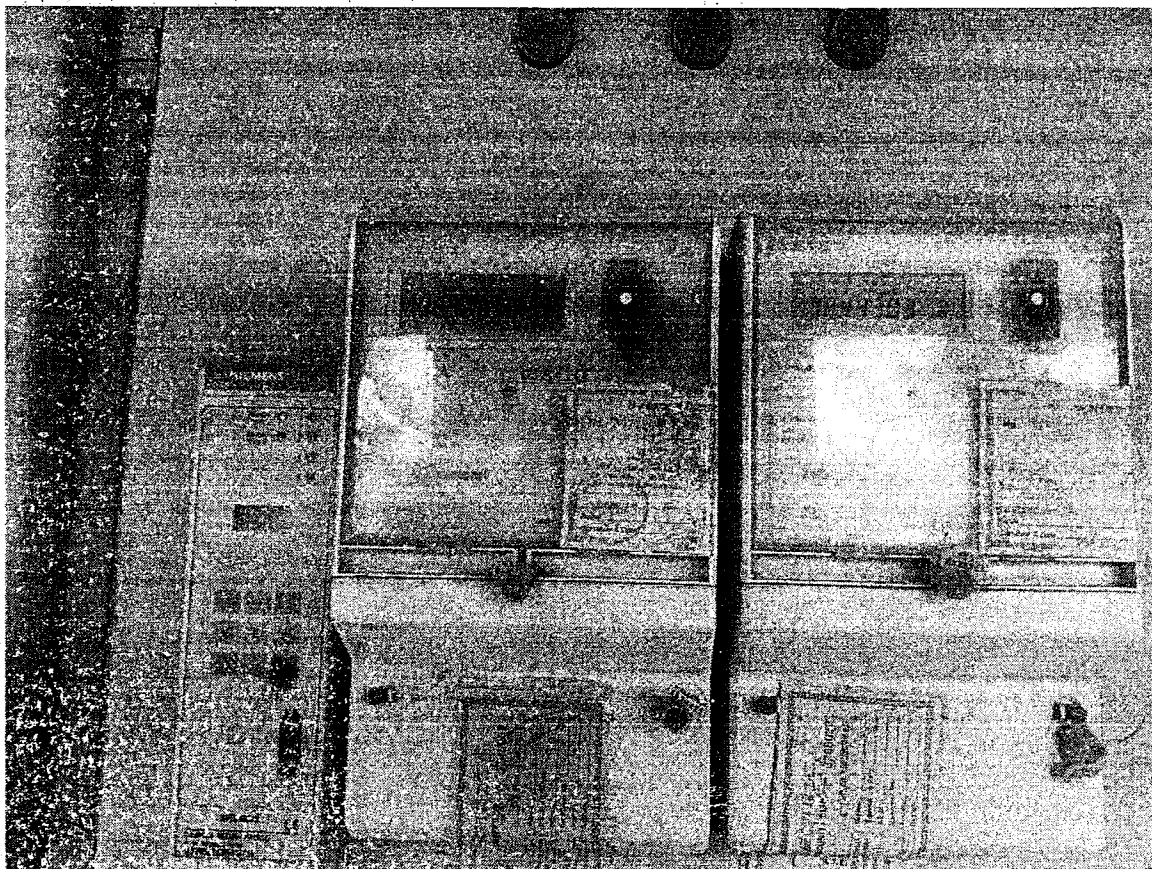
ETRIC
SLIP No. 0219534
FOR USER DEPARTMENT

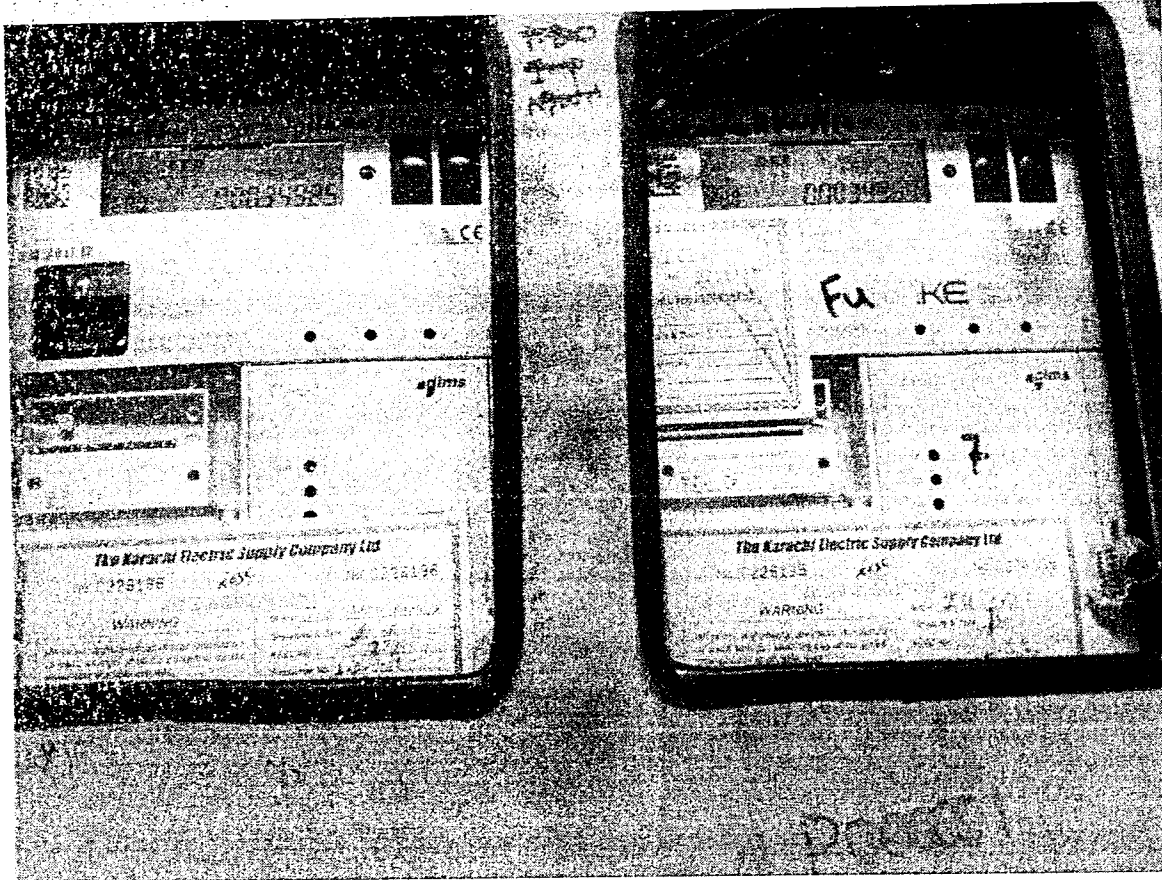
Name: _____
Signature & Date: _____
KE No: _____
Consumer No: _____
Section: _____
Region: _____

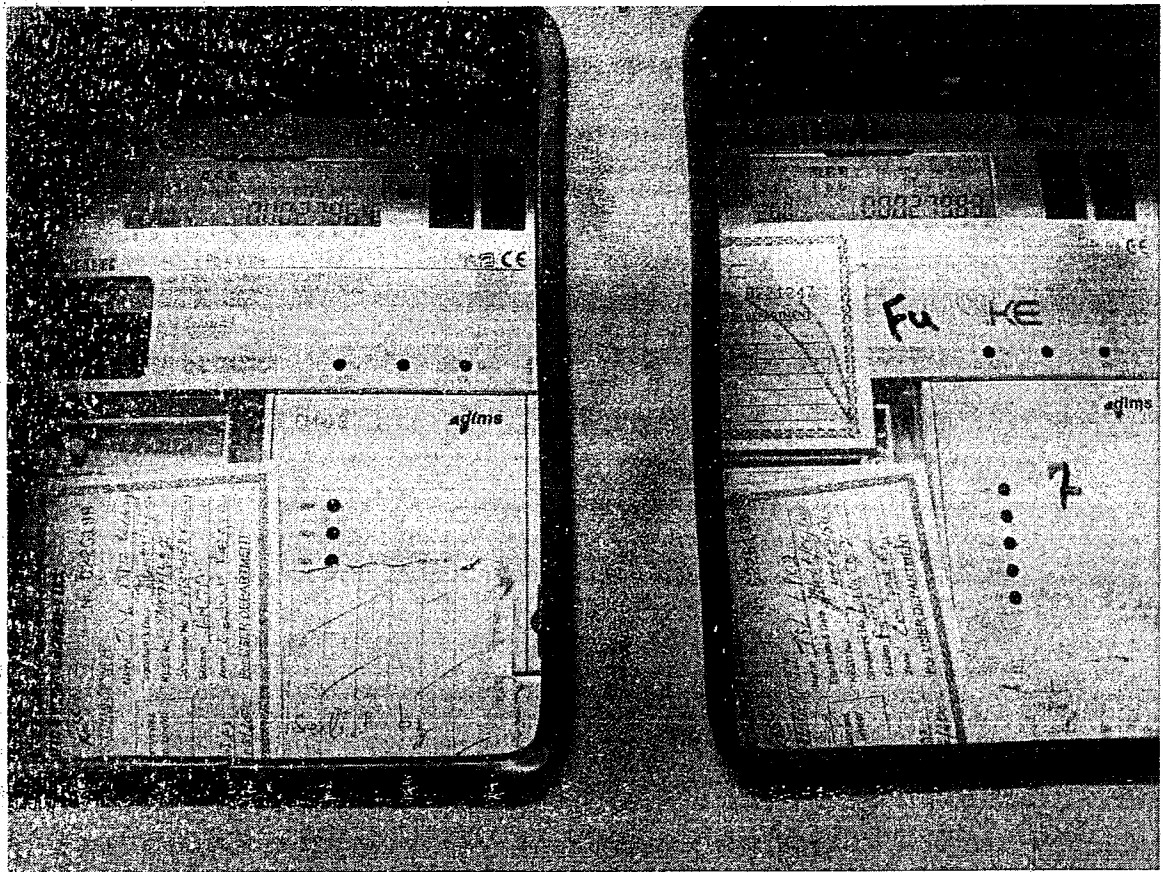


HTO-8239

- MAIN







TA-1

[illegible]

FREE

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SECRET

PTA-2

2201



Don't know

THE UNIVERSITY OF CHICAGO

02-01-01 00:04:18

1990

MEDICAL CARE

2007-09-01

UNEP-TO

THE SECOND PART

19

FILE # 157-10764-234-12-121-MK03-27 3x50 5710 V 1-6 A 5

U/KWH Rate=20.000 Intey/Watt Pg.No 006/64

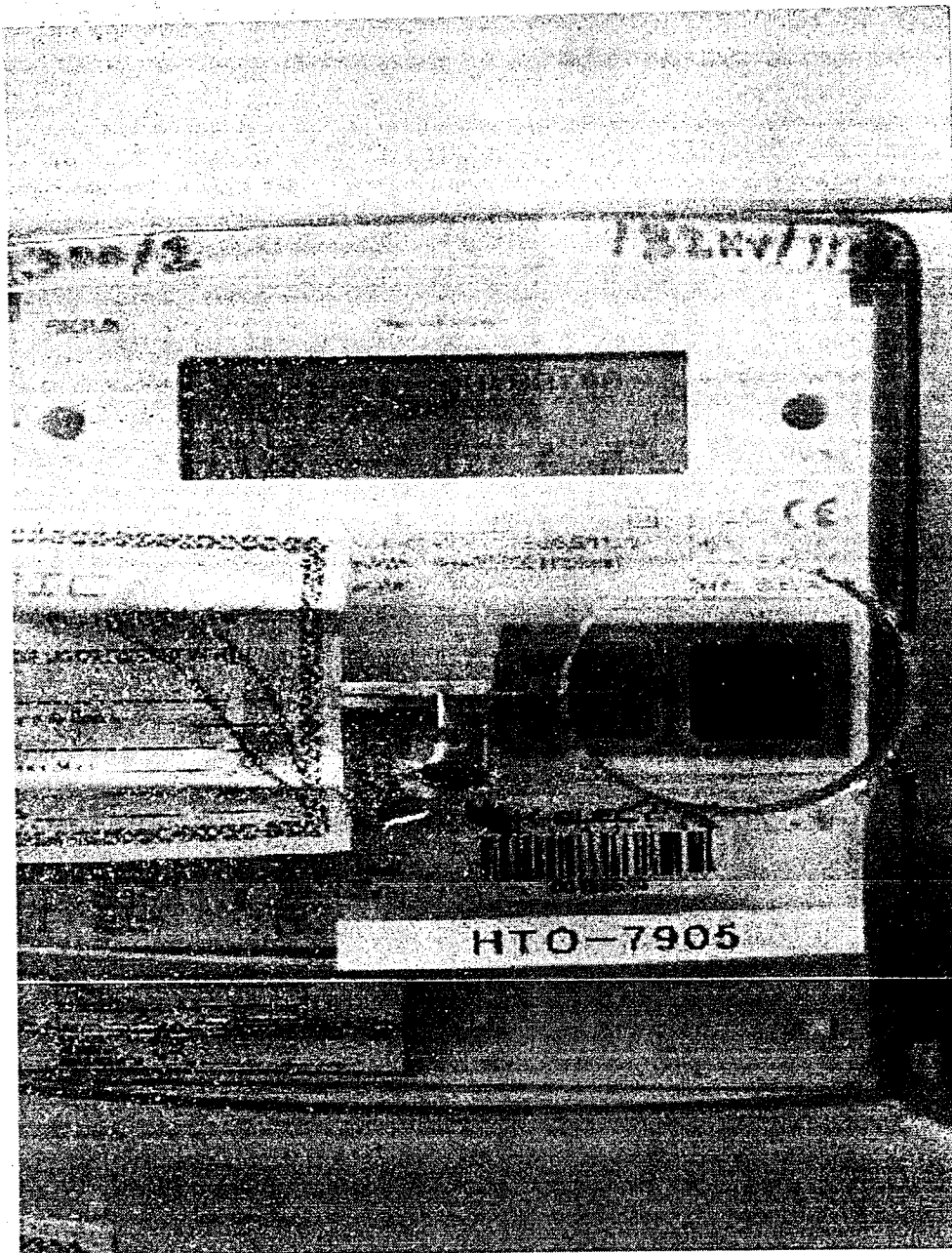
AC/DC

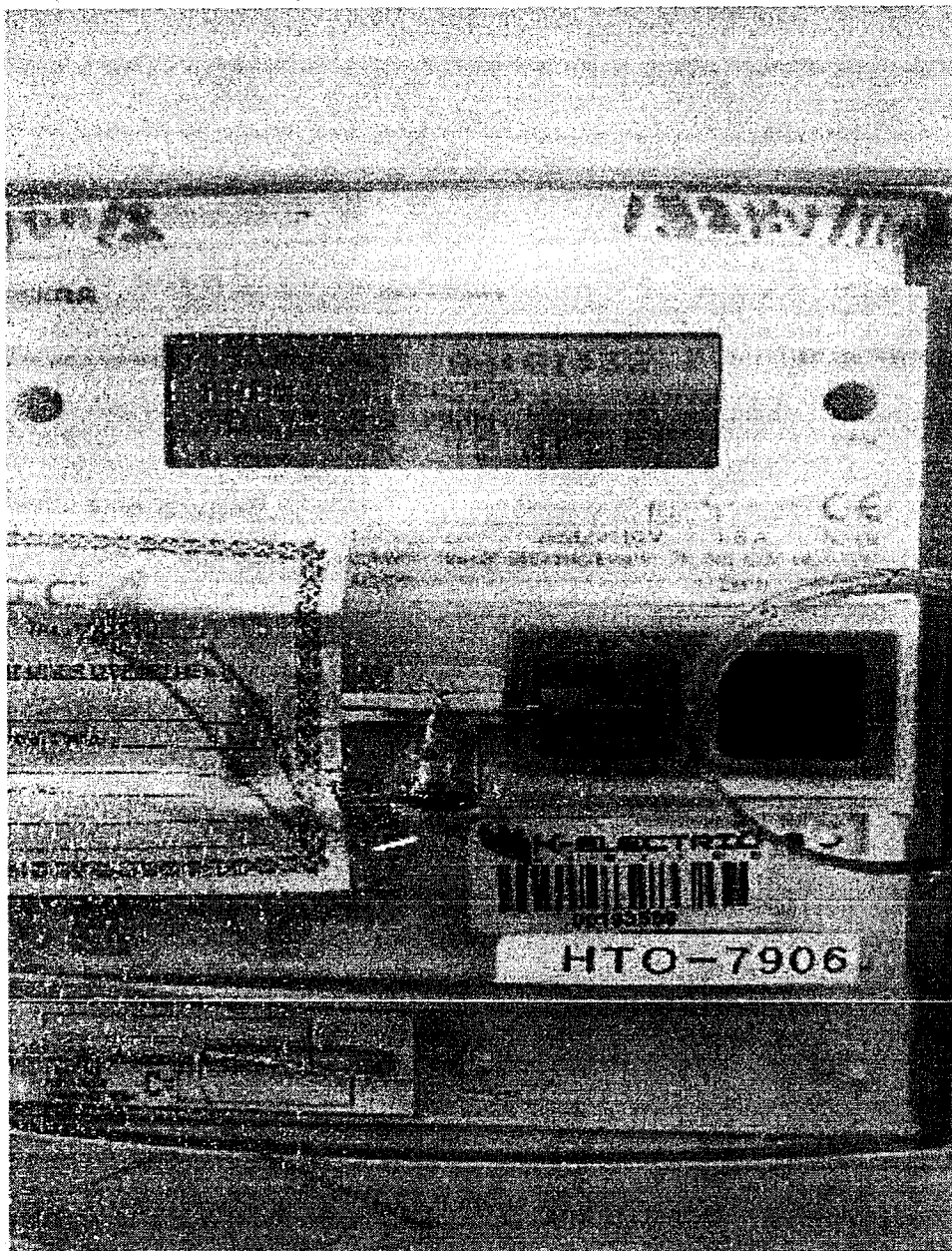
3. Date

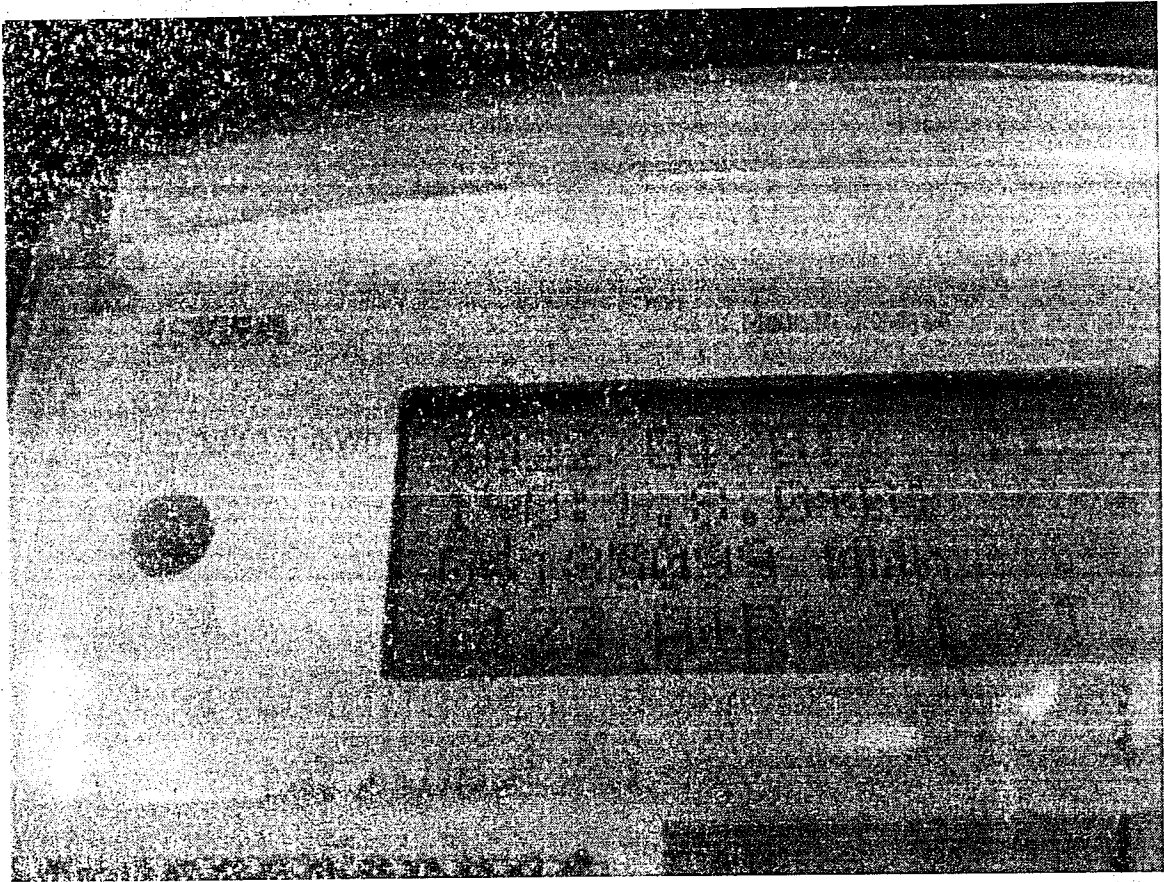
END

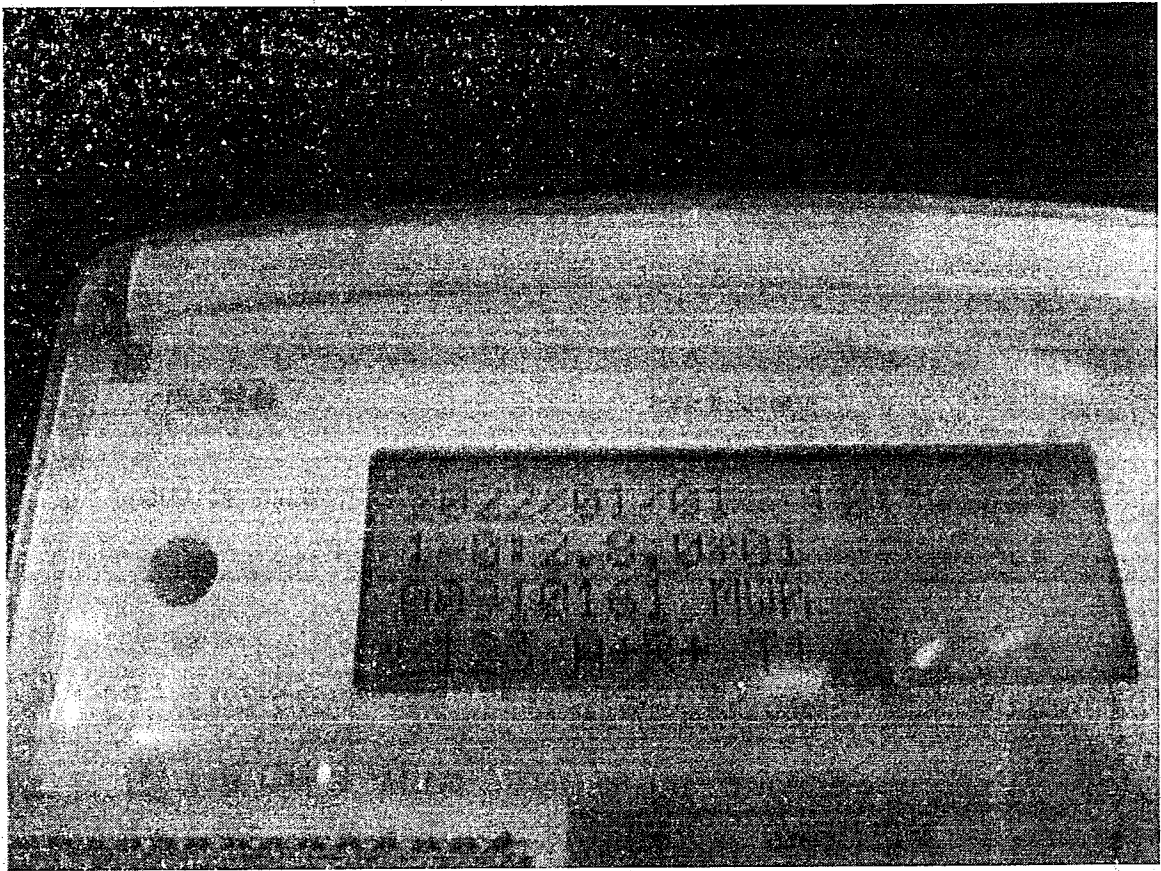
SECRET

HTC-7678





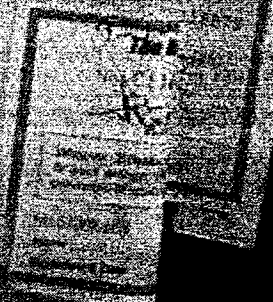


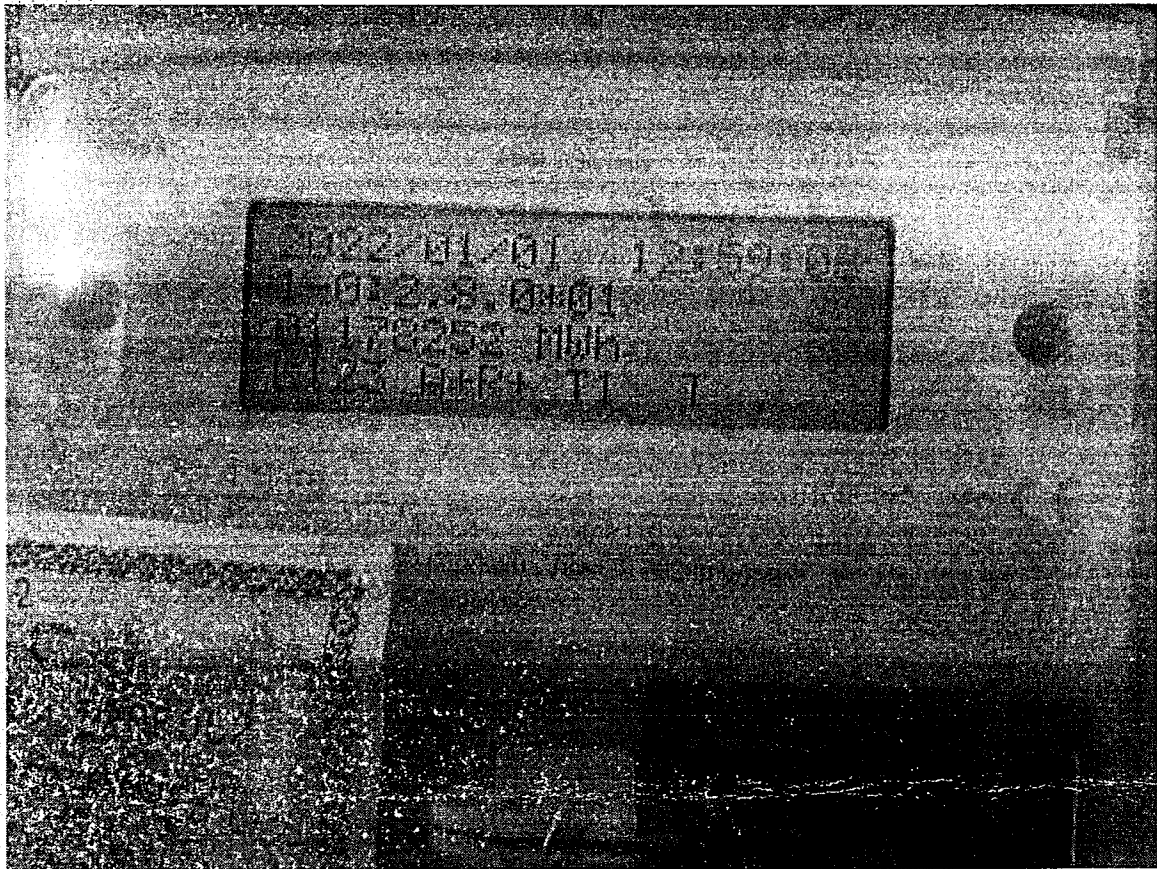


JAMSHORO 2
MAIN METER

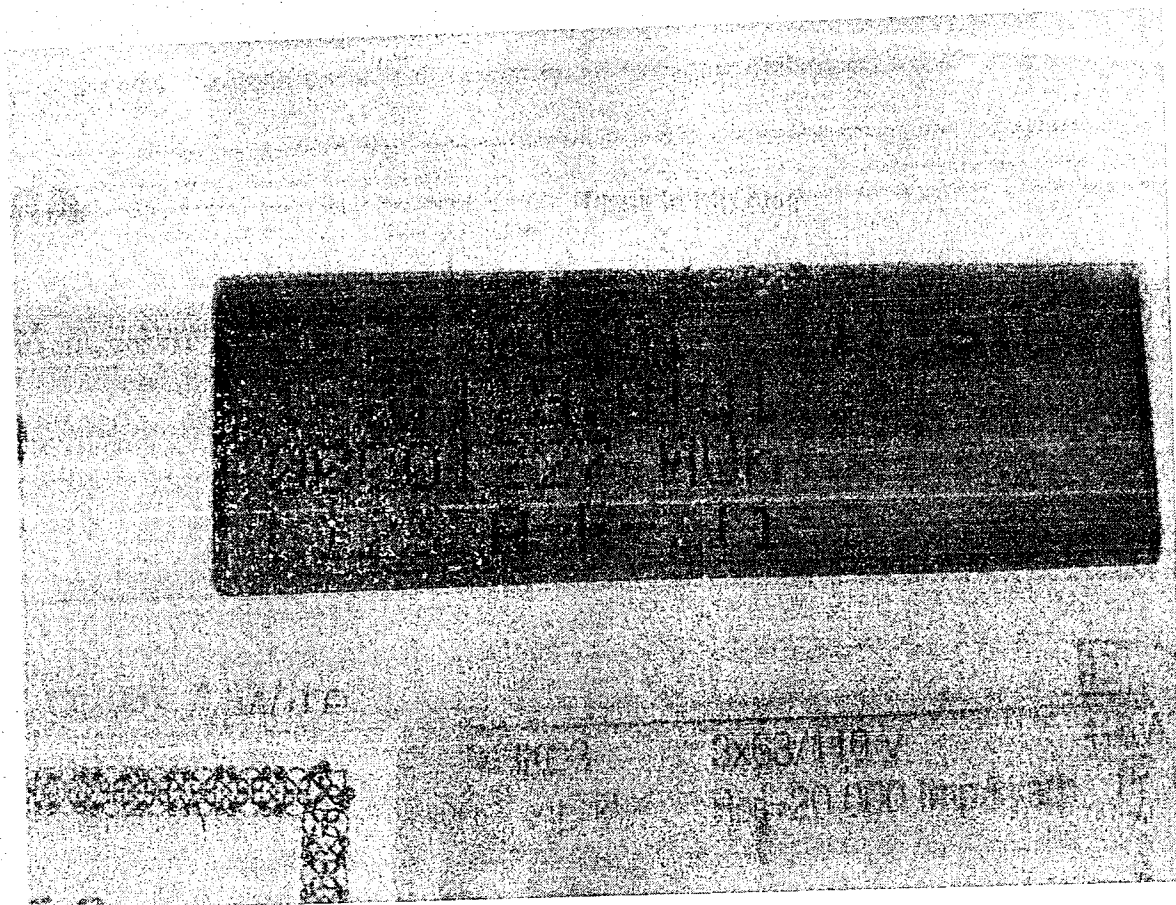
54*

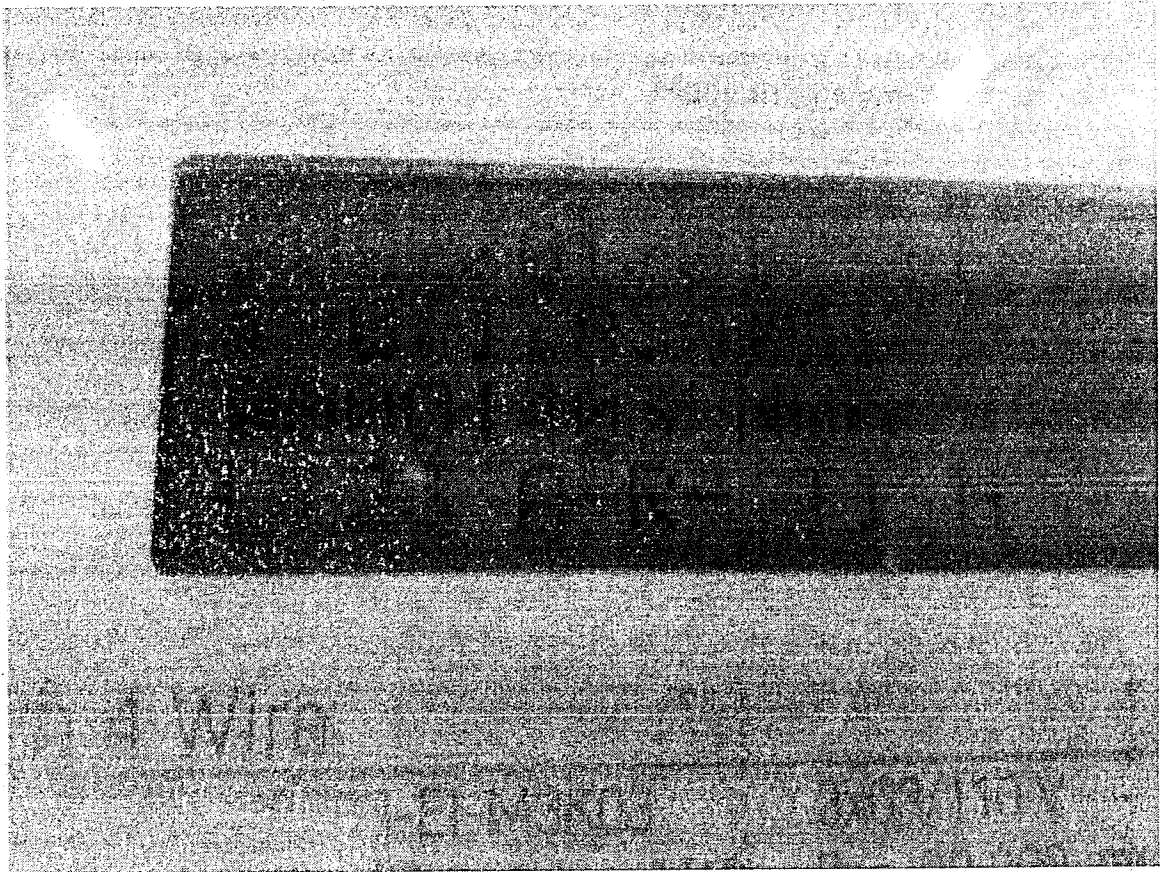
41505184

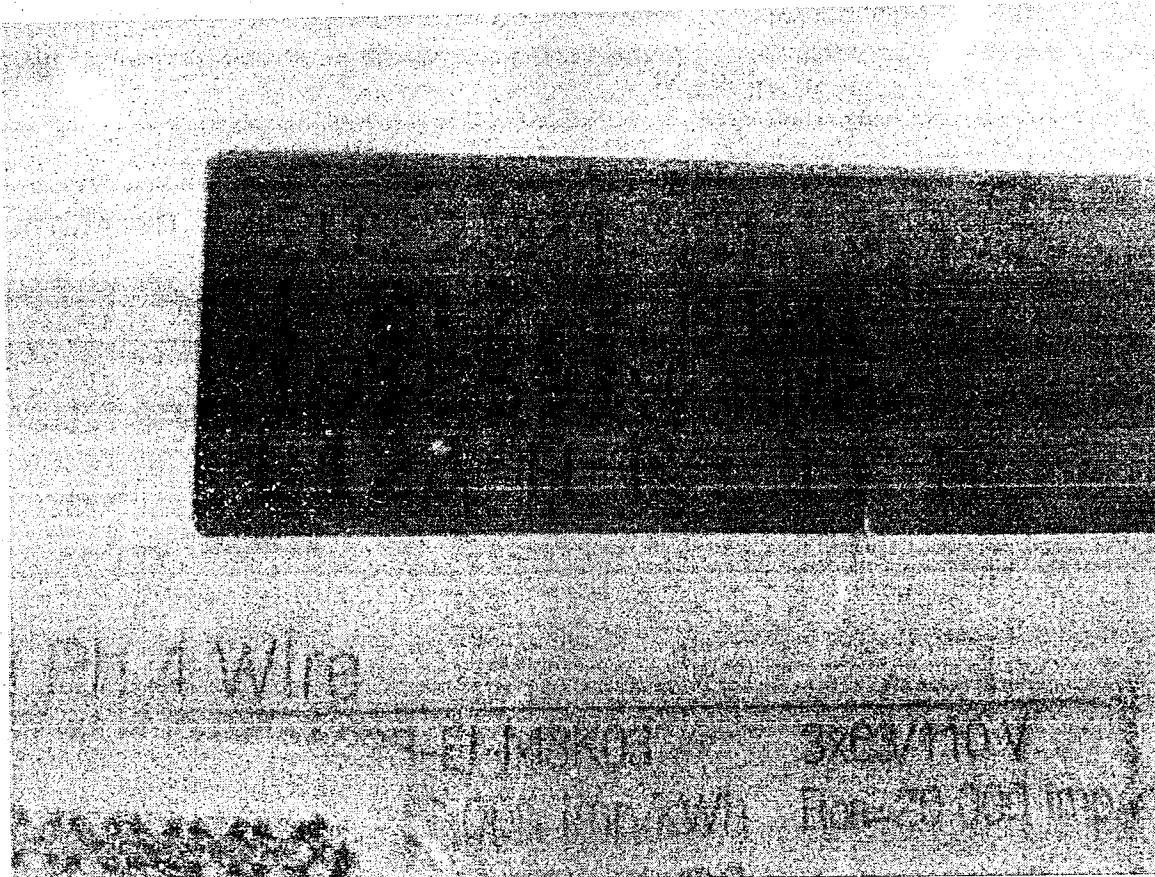




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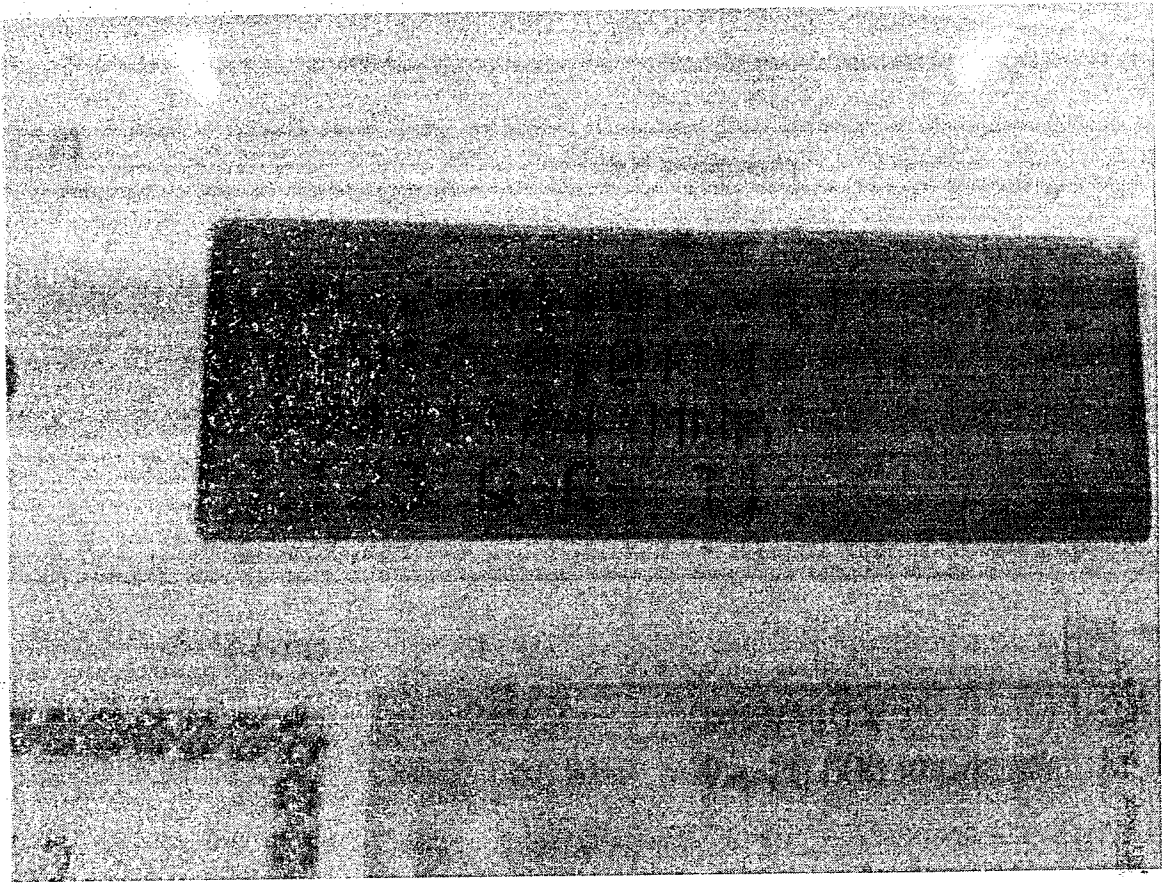
PH 4 Wire

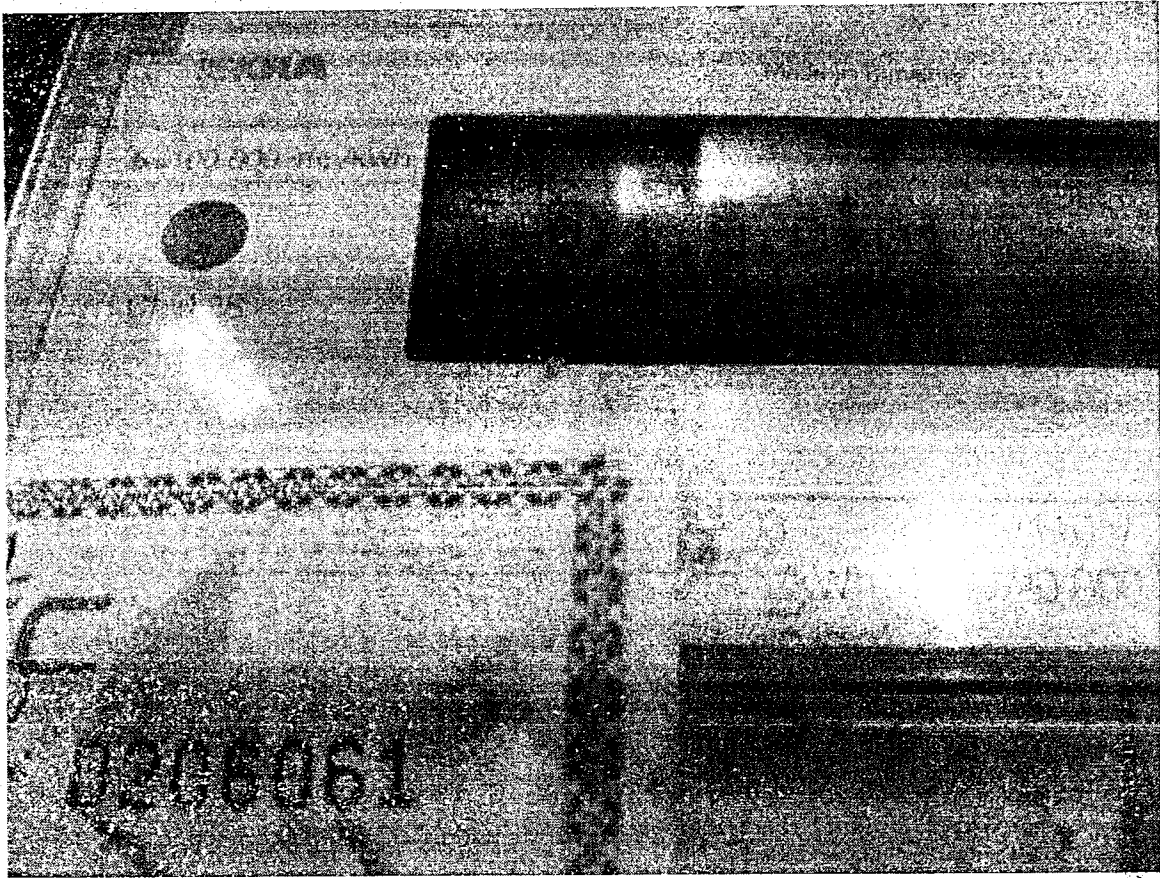
1-10-63

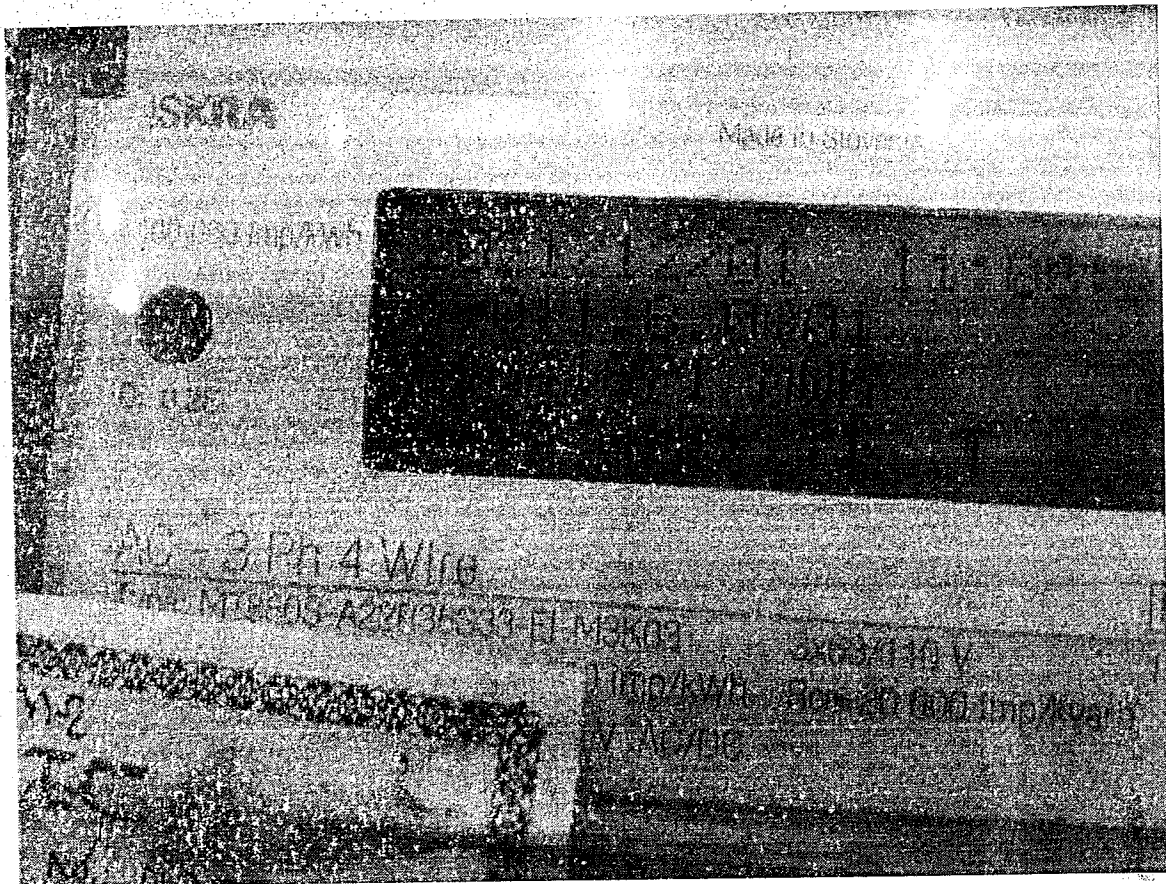
3x6 1/2" x 10 1/2"

1-10-63

1-10-63









1A

Made in Slovenia

100 INT/KWH



3 P. 4 W/10

