

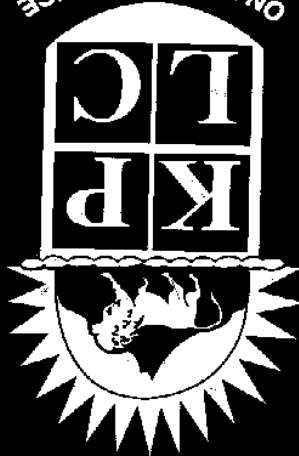
75 Years of service  
to the Nation



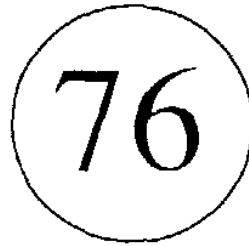
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Report and Accounts  
for the year ended  
30th June, 1997

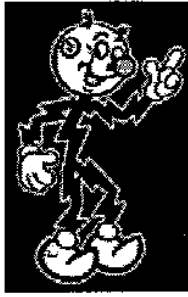
ON PUBLIC SERVICE



THE  
KENYA POWER & LIGHTING  
COMPANY LTD.



The Seventy-sixth Annual Report and Financial Statements of  
The Kenya Power and Lighting Company Limited



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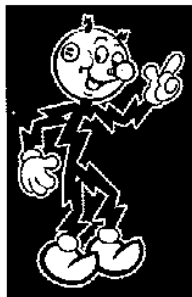
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**BOARD OF DIRECTORS**



T. T. Ole Naikuni  
Chairman



S. K. Gichuru



C. N. Mutitu



S. S. Lesrima



S. O. J. Ambundo



J. M. Mutisya



T. D. Owuor



Z. N. Kahura



D. O. Kombo



N. W. Kimani  
Alternate Director



S. W. Ndindiri  
Alternate Director

2007/0982



**CORPORATE  
INFORMATION**

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**Directors**

T. T. Ole Naikuni  
S. K. Gichuru, E.B.S., M.B.S.  
C. N. Mutitu, E.B.S.  
S. S. Lesrima, C.B.S.  
S. O. J. Ambundo  
J. M. Mutisya  
T. D. Owuor, O.G.W.  
Z. N. Kahura  
D. O. Kombo

*Chairman*  
*Managing Director*

N. W. Kimani - *Alternate to S. S. Lesrima*  
S. W. Ndindiri - *Alternate to C. N. Mutitu, E.B.S.*

**Secretary**

J. N. Kimani

**Registered Office**

Stima Plaza  
Kolobot Road  
P O Box 30099  
Nairobi

**Bankers**

Standard Chartered Bank (Kenya) Limited  
Harambee Avenue  
Nairobi

Kenya Commercial Bank Limited  
Moi Avenue  
Nairobi

**Auditors**

Deloitte & Touche  
"Kirungii", Ring Road  
Westlands  
P O Box 40092  
Nairobi



## MANAGEMENT

### **The Kenya Power & Lighting Company Limited**

#### **Managing Director**

S. K. Gichuru, C.P.S., E.B.S., M.B.S.

#### **Deputy Managing Director**

L. Keitany, B.Sc. (Eng) R. Eng., C.Eng., F.I.E.E

#### **Chief Projects Development and Corporate Planning Manager**

M. A. Gupta, B.E., M.I.E.

#### **Company Secretary**

J. N. Kimani, C.P.S. (K)

#### **Chief Manager, Finance**

Z. O. Ayieko, B.Com (Hons.) C.P.A. (K)

#### **Chief Manager, Customer Service**

R. K. Gitonga (Mrs), B.Sc. (Eng.)

#### **Chief Manager, Transport & Supplies**

J. M. Riungu, B.Sc. (Eng.) (Hons), C.Eng, R.Eng., M.I.E.K.

#### **Chief Manager, Human Resources & Administration**

B. W. Ndubai (Mrs.), B.A. (Hons.)

#### **Chief Manager, Operations & Maintenance and Street Lighting**

Maina Kamau, B.Sc. (Eng.) (Hons.)

#### **Chief Manager, Design & Construction**

M. Ndeto, B.Sc., (Hons)

#### **Chief Manager, Technical Audit, Research & Development**

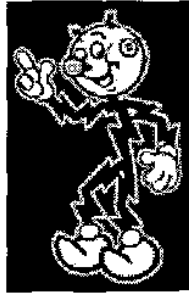
J. L. Odeny, B.Sc., (Eng.) (Hons), R. Eng., C. Eng, M.I.E.E.

#### **Chief Manager, Energy Transmission**

J. Oduor, B.Sc. (Eng.), M.I.E.K, R. Eng.

#### **Personal Assistant to Managing Director/ISP Project Leader**

J. P. Ole Nchoe, B.Sc. (Eng.) (Hons).



## NOTICE OF MEETING

**NOTICE IS HEREBY GIVEN THAT THE SEVENTY-SIXTH ANNUAL GENERAL MEETING OF MEMBERS** will be held at the Head Office of the Company, Stima Plaza, Kolobot Road, Parklands, Nairobi, on Tuesday the 23rd December, 1997, at 12.00 noon to transact the following business :-

1. To receive and adopt the Directors' report together with the audited financial statements for the year ended 30th June, 1997.
2. To declare a final dividend on the Ordinary Stock.
3. To re-elect retiring Directors.
4. To authorise the Directors to fix the remuneration of Auditors.

By Order of the Board

J. N. Kimani,  
Secretary  
Nairobi, Kenya,  
1st December, 1997

### Notes:

A member entitled to attend and vote at the above meeting is entitled to appoint one or more proxies to attend and, on a poll, to vote instead of him. A proxy need not be a member of the Company. A form of proxy is enclosed with this booklet. To be valid, the form of proxy must be duly completed and must be lodged at the registered office of the Company or posted in time to reach there not later than 12.00 noon on Friday, the 19th December, 1997.

## ILANI YA MKUTANO

**ILANI IMETOLEWA KWAMBA MKUTANO MKUU WA KILA MWAKA WA 76 WA WANACHAMA** utafanywa katika Ofisi kuu ya kampuni, Stima Plaza, barabara ya Kolobot, Parklands, Nairobi Jumanne tarehe 23 Desemba, 1997, saa sita mchana kuzungumzia shughuli zifuatazo:-

1. Kupokea na kuidhinisha taarifa ya Wakurugenzi pamoja na taarifa ya ukaguzi wa pesa kwa kipindi kilichomalizikia tarehe 30 Juni, 1997.
2. Kutangaza kiwango cha mwisho cha marupurupu kwa hisa.
3. Kuwachagua tena Wakurugenzi waliostaafu.
4. Kuwaidhinisha Wakurugenzi kuweka malipo ya wakaguzi wa pesa

Kwa amri ya halmashauri,

J. N. Kimani,  
Katibu  
Nairobi, Kenya  
Tarehe 1 Desemba, 1997.

### Ilani:

Mwanachama anayeruhusiwa kuhudhuria na kupiga kura kwa mkutano uliotajwa hapo juu anaruhusiwa kumteua ajenti mmoja au zaidi kuhudhuria mkutano huu na kupiga kura kumwakilisha yeye. Ajenti si lazima awe mwanachama wa kampuni. Fomu ya ajenti inaambatana na kijitabu hiki. Ili kukamilisha fomu hii lazima ikamilishwe kwa wakati ufaao na lazima iwasilishwe katika ofisi ya Kampuni iliosajiliwa au kwa njia ya posta kwa wakati ufaao kabla ya Ijumaa tarehe 19 Desemba, 1997 saa sita mchana.



## CHAIRMAN'S REVIEW

## TAARIFA YA MWENYEKITI

It gives me great pleasure to present my first review of your Company's trading performance. I wish, first, to record my utmost gratitude and appreciation to H. E the President for finding me worthy of his confidence in appointing me the Chairman of this important organisation.

I also wish to take this opportunity to pledge my total commitment in discharging, with full dedication, and honesty the heavy responsibility the Company is mandated with, of providing electricity to the nation.

As you may be aware, your Company, which was incorporated on 1st June, 1922 as the then East African Power and Lighting Company, is 75 years old this year. This is a significant milestone in the life of an organisation and we are proud of the many positive contributions the Company has made which have made a tremendous difference to the macro and micro social and economic life of our country.

It is our intention to build on the experiences gained during that time to be more customer focused in our approach to business into the next millennium and beyond. A number of activities to mark this important anniversary have been planned and will be publicised in the media.



His Excellency President Daniel arap Moi tours the Company's stand at the Nairobi International Show in October 1997 which won five first prizes. The President was shown around by the Managing Director Mr S K Gichuru.

Ni furaha yangu kuu kuwasilisha taarifa yangu ya kwanza kuhusu matokeo ya kibiashara ya kampuni yenu. Kwanza kabisa natoa shukurani zangu nyingi za dhati kwa Mheshimiwa Rais kwa kuwa na imani nami na kunituku heshima kuu kwa kunitewa kuwa mwenyekiti wa kampuni hii muhimu. Pia

ningependa kuchukua nafasi hii kuahidi kwamba nitawajibika kikamilifu katika utoaji huduma kwa kujitolea mhanga na kwa uaminifu kutimiza jukumu kubwa la kampuni hii la utoaji nguvu za umeme kwa taifa zima.

Kama mnavyofahamu, kampuni yenu ambayo ilibuniwa mnamo tarehe 1 Juni 1922 wakati huo ikijulikana kama East African Power & Lighting Company, ina miaka 75 sasa.

Hii ni hatua muhimu katika maisha ya kampuni na tunajivunia michango mingi yenye manufaa ambayo kampuni imetoa katika maisha ya kijamii na kiuchumi ya nchi yetu.

Ni lengo letu kuimarisha ujuzi uliopatikana katika kipindi hicho, kuzingatia huduma bora zaidi kwa wateja wetu tunapoingia katika karne ijayo na kuendelea. Shughuli kadhaa za kuadhimisha tukio hili muhimu zimepangwa na zitatangazwa katika vyombo vya habari.

Ingawa kampuni yenu iliendelea kuendesha shughuli zake dhidi ya shida za utoaji wa umeme kulikuwa na ongezeko la mauzo ya bidhaa yenu ikilinganishwa



Although your Company continued to operate under generation capacity constraints, there was an overall increase in the sales of your product, over last year's, which resulted in an after tax profit of Shs. 1,554 million.

Unit sales had an overall growth rate of 4% compared to the 5.8% achieved the previous year. The marginal reduction in the growth rate was mainly due to power rationing necessitated by inadequate generation capacity. Had the rationed units amounting to 106 Gwh been sold, the rate of growth would have been 7%.

Revenue realised rose by 13.2% compared to 15% rise achieved the previous year.

Operating expenditure, on the other hand, increased by 12% compared to an increase of 20% the previous year.

Revenue earned amounted to Shs. 16,893 million against a total operating expenditure of Shs. 15,644 million resulting in an operating profit of Shs. 1,249 million. After crediting net interest income of Shs. 784 million and exchange gains of Shs. 127 million, the Company's trad-

na mwaka uliotangulia, ambayo yaliwezesha kupatikana kwa faida ya shilingi bilioni 1 milioni 554 baada ya kutozwa kodi.

Uuzaji wa umeme uliongezeka kwa kiwango cha asilimia 4% ikilinganishwa na kiwango cha asilimia 5.8% kilichopatikana mwaka uliotangulia. Pengo lililosababisha kupungua kwa kiwango cha ukuaji ni upimaji wa stima hali iliyotokana na kupungua kwa kiwango cha utoaji umeme. Iwapo stima iliyokuwa ikipimwa ambayo ilifika kiwango cha hadi 106 Gwh ingeli u z w a , kiwango cha ukuaji kingelifikia asilimia 7%.

Mapato yaliyopatikana yaliongezeka kwa asilimia 13.2% ikilinganishwa na asilimia 15% yaliyopatikana mwaka uliotangulia.

Matumizi ya uendeshaji shughuli za kampuni kwa upande mwingine, yaliongezeka kwa asilimia 12% ikilinganishwa na ongezeko la asilimia 20% mwaka uliotangulia.

Jumla ya mapato yaliyopatikana yalikuwa shilingi bilioni 16 milioni 893 dhidi ya jumla ya matumizi ya uendeshaji shughuli za kampuni ya shilingi bilioni 15 milioni 644 na hivyo kuleta faida ya uendeshaji shughuli ya shilingi bilioni 1 milioni 249. Baada ya kuweka riba ya mwisho ya mapato ya shilingi milioni



His Excellency President Daniel arap Moi tours the Company's stand at the Mombasa National ASK Show in September 1997. The President was shown around by the Managing Director Mr S K Gichuru.

### REVENUE BY CUSTOMER CATEGORY



- Domestic, Small Commercial & Industrial
- Medium Commercial & Industrial
- Large Commercial & Industrial
- Off-peak/Street Lighting
- OTHERS
- R.E.F.

ing profit before taxation was Shs. 2,160 million compared to Shs. 1,512 million realised the previous year.

### Accounts

The total units sold were 3,406 million, an increase of 4% from 3,269 million units sold in 1995/96. After allowing for 70 million units relating to previous years adjustments, the net sales of 3,336 million units realised a revenue of Shs.16,893 million. The increase in revenue recorded, therefore, was Shs.1,967 (13.2%) from Shs.14,926 million the previous year. The increase is attributable to the tariff adjustment and the growth in sales.

Operating expenditure, which includes debt service and development surcharge relating to bulk supply companies, on the other hand, rose from Shs.13,965 million in 1995/96 to Shs.15,644 million in 1996/97 representing a net increase of Shs.1,679 million (or 12%). The rise is mainly due to inflation and major repairs undertaken on the gas turbine at Kipevu.

The trading results in the year, therefore, reflect an operating profit of Shs.1,249 (year ended 30th June, 1996 - Shs. 961 million).

Exchange gains of Shs.127 million (year ended 30th June, 1996 - Shs.15 million) was realised in the Company's foreign loans as a result of the strengthening of the Kenya Shilling against the hard currencies as at 30th June, 1997, compared to the previous year.

Interest receivable amounted to Shs. 884 mil-

784 na faida ya ubadilishanaji ya shilingi milioni 127, faida ya kibiashara ya kampuni kabla ya kutozwa kodi ilikuwa shilingi bilioni 2 milioni 160 ikilinganishwa na shilingi bilioni 1 milioni 512 zilizopatikana mwaka uliotangulia.

### Uhasibu

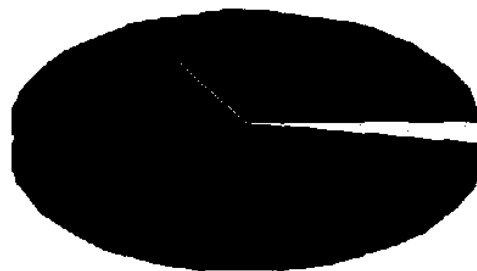
Jumla ya vipimo vya umeme uliouzwa ni bilioni 3 milioni 406 likiwa ni ongezeko la asilimia 4% kutoka vipimo bilioni 3 milioni 269 vya umeme uliouzwa katika kipindi cha mwaka 1995-96. Baada ya kutoa vipimo milioni 70 vya umeme kufuatia marekebisho ya miaka iliyotangulia, mauzo ya mwisho ya vipimo bilioni 3 milioni 336 ya umeme yalileta mapato ya shilingi bilioni 16 milioni 893. Hivyo basi nyongeza ya mapato ilikuwa shilingi bilioni 1 milioni 967 ikiwa ni asilimia 13.2% kutoka shilingi bilioni 14 milioni 926 zilizopatikana mwaka uliotangulia. Nyongeza hii ilitokana na marekebisho ya kiwango cha malipo ya stima na kuongezeka kwa mauzo.

Matumizi ya uendeshaji shughuli za kampuni ambazo ni pamoja na ulipaji deni na kufidia gharama za maendeleo ya makampuni yanayotoa umeme kwa wingi, kwa upande mwingine yaliongezeka kutoka shilingi bilioni 13 milioni 965 katika kipindi cha mwaka 1995-96 hadi shilingi bilioni 15 milioni 644 kwa kipindi cha mwaka 1996-97 na kuwasilisha nyongeza ya mwisho ya shilingi bilioni 1 milioni 679 au asilimia 12%. Ongezeko hili la matumizi lilitokana na kupanda kwa gharama ya maisha na shughuli ya ukarabati mkubwa uliofanywa kwenye mtambo wa gesi huko Kipevu, Mombasa.

Hivyo basi matokeo ya kibiashara katika mwaka huu yanadhihirisha faida ya uendeshaji shughuli za kampuni ya shilingi bilioni 1 milioni 249 ikilinganishwa na shilingi milioni 961, kwa kipindi kilichomalizikia tarehe 30 Juni mwaka 1996.

Faida ya ubadilishanaji ya shilingi milioni 127

### UNIT SALES BY CUSTOMER CATEGORY



- Domestic, Small Commercial & Industrial
- Medium Commercial & Industrial
- Large Commercial & Industrial
- Off-peak/Street Lighting

lion (year ended 30th June, 1996 - Shs. 626 million) while interest payable was Shs. 100 million (year ended 30th June, 1996 - Shs. 90 million).

The net result of these transactions is a profit before taxation of Shs. 2,160 million (year ended 30th June, 1996 - Shs. 1,512 million). After allowing for Corporation Tax and Dividends for the year, the net profit of Shs. 1,130 million will be transferred to reserves.

### Taxation

Corporation Tax has been provided for in the accounts at Shs. 606 million (year ended 30th June, 1996 - Shs. 396 million) leaving a net after tax profit of Shs. 1,554 million (year ended 30th June, 1996 - Shs. 1,116 million)

In accordance with the Value Added Tax Act 1989, and the Finance Act 1996, VAT was charged at the rate of 8% of the value of consumption. This yielded Shs. 1,350 million (year ended 30th June, 1996 - Shs. 856 million). PAYE deducted at source from the Company employees' emoluments yielded Shs. 633 million (year

(kipindi kilichomalizikia tarehe 30 Juni mwaka 1996 ni shilingi milioni 15) kwani ilipatikana katika mikopo ya kigeni ya kampuni kutokana na kuimarika kwa shilingi ya Kenya dhidi ya sarafu nyingine kufikia tarehe 30 Juni mwaka 1997, ikilinganishwa na mwaka uliotangulia.

Riba iliyopokewa ni shilingi milioni 884 ambapo kwa kipindi kilichomalizikia tarehe 30 Juni mwaka 1996 ni shilingi milioni 626 ilhali riba iliyolipwa ilikuwa shilingi milioni 100 na kwa kipindi kilichomalizikia tarehe 30 Juni mwaka 1996 ni shilingi milioni 90.

Matokeo ya mwisho ya shughuli hizi ni faida kabla ya kutozwa kodi ya shilingi bilioni 2 milioni 160 ambapo kwa kipindi kilichomalizikia tarehe 30 Juni mwaka 1996 ni shilingi bilioni 1 milioni 512. Baada ya kulipa kodi ya shirika na

marupurupu, faida ya mwisho ilikuwa shilingi bilioni 1 milioni 130.

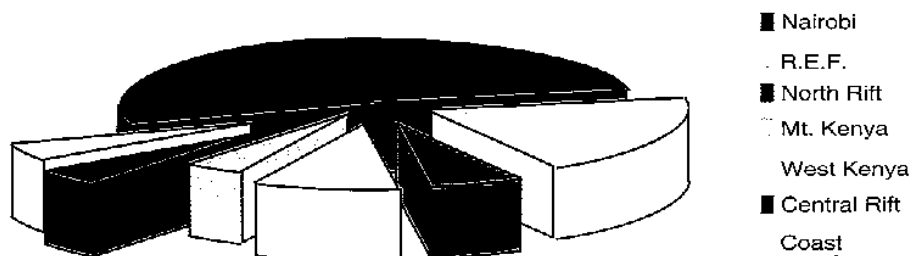
### Kodi

Kodi ya shirika imetolewa katika uhasibu kwa kiwango cha shilingi milioni 606 ikilinganishwa na shilingi milioni 396 kwa kipindi kilichomalizikia tarehe 30 Juni mwaka 1996, na kuacha baki baada ya faida ya kodi ya shilingi bilioni 1 milioni 554



The Kenya Power Company was formally separated from KPLC in September 1997 at a meeting addressed by the Minister for Energy Mr Kirugi M'Mukindia and attended by senior staff of both Companies.

### UNIT SALES BY AREA CATEGORY



ended 30th June, 1996 - Shs. 312 million). Payment of Customs Duty and Value Added Tax in respect of imported machinery spares and other equipment amounted to Shs. 430 million (year ended 30th June, 1996 - Shs. 239 million)

### Dividends

Preference dividends amounting to Shs. 1.9 million were paid on their due dates. An interim dividend of 15% (Shs. 158 million) was paid to Ordinary Stockholders registered in the books of the Company at the close of business on 7th July, 1997. Your Directors recommend a final cash dividend of 25% or Shs. 5 per share absorbing a further Shs. 264 million to be paid to the Ordinary Stockholders registered in the books of the Company at the close of business on 27th November, 1997. Taking into account the bonus issue of 2 Ordinary Stock Units for every one such unit held the increase in the dividend payout is 200% over last year's dividend.

Out of the total dividends paid and payable, the Treasury being the major stockholder is entitled to Shs. 171 million (year ended 30th June, 1996 Shs. 60 million). The dividends, together with taxes make the Company's direct contribution to the national revenue to Shs 3,190 million (year ended 30th June, 1996, Shs 1,863 million).

ambapo kwa kipindi kilichomalizikia tarehe 30 Juni mwaka 1996 ni shilingi bilioni 1 milioni 116.

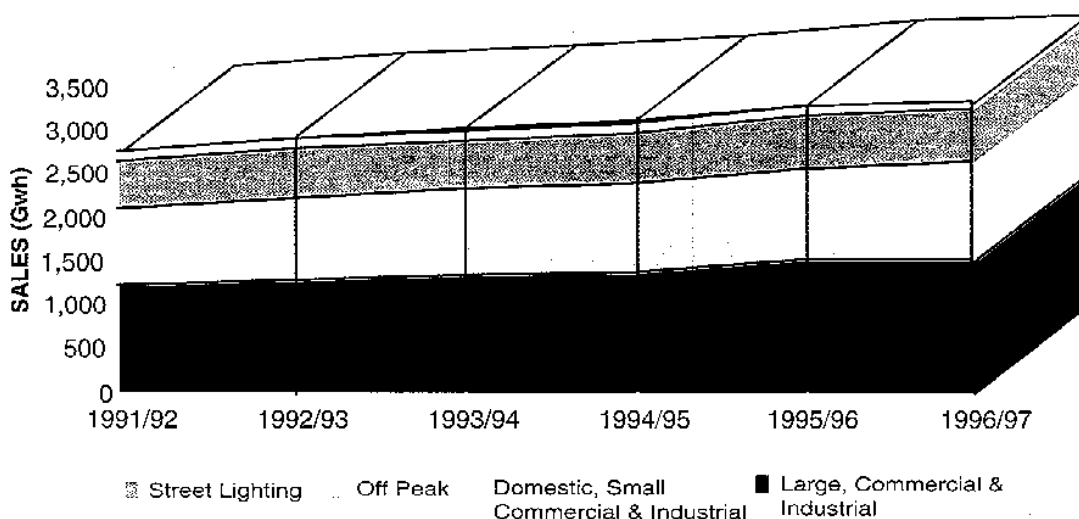
Kuambatana na sheria ya kodi ziada ya thamani yaani VAT ya mwaka 1989, na sheria ya fedha ya mwaka 1996, kodi ziada ya thamani VAT ilitozwa kwa kiwango cha asilimia 8% ya thamani ya matumizi. Hii ilileta shilingi bilioni 1 milioni 350 ambapo kwa kipindi kilichomalizikia tarehe 30 Juni mwaka 1996 ni shilingi milioni 856. Kodi ya mapato yaani PAYE iliyotozwa kutoka kwa mishahara yote ya wafanyakazi wa kampuni hii ni shilingi milioni 633 ambapo kwa kipindi kilichomalizikia tarehe 30 Juni mwaka 1996 ni shilingi milioni 312. Malipo ya ushuru wa forodha na kodi ziada ya thamani kufuatia uagizaji wa vipuri na vifaa vingine yalikuwa shilingi milioni 430 ambapo kwa kipindi kilicho-malizikia tarehe 30 Juni mwaka 1996 ni shilingi milioni 239.

### Marupurupu

Marupurupu yaliyolipwa awali ya jumla ya shilingi milioni 1.9 yalilipwa kwenye tarehe zilizowekwa. Marupurupu ya muda ya asilimia 15% ya shilingi milioni 158 yalilipwa wenye hisa wa kawaida walioandikishwa katika vitabu vya kampuni wakati wa kufungwa kwa biashara hiyo mnamo tarehe 7 mwezi Julai mwaka 1997. Wakurugenzi wenu wameidhinisha kiwango cha mwisho cha pesa za marupurupu cha asilimia 25% au shilingi 5 kwa kila hisa jumla ikiwa shilingi milioni 264 zaidi kulipwa wenye hisa wa kawaida walioandikishwa kwenye vitabu vya kampuni wakati wa kufungwa kwa biashara hiyo tarehe 27 Novemba mwaka 1997.

Kwa kutolewa kwa bakshishi ya hisa mbili za

**FIVE YEAR UNIT SALES BY CUSTOMER**





THE KENYA POWER AND LIGHTING COMPANY LIMITED  
SANDUKU LA POSTA 30099, NAIROBI  
FOMU YA AJENTI KWA MKUTANO MKUU WA KILA MWAKA

Mimi/Sisi ..... ) Herufi  
..... ) Kubwa  
wa ..... ) Tafadhali

Mwanachama/Wanachama wa Kampuni iliyotajwa hapo juu, namteua/twamteuwa mwenyekiti wa mkutano huu au  
.....  
kama ajenti wangu/wetu kunipigia/kutupigia kura na kwa niaba yangu/yetu kwenye mkutano mkuu wa kila mwaka wa  
Kampuni hii utakaofanywa Jumanne tarehe 23 Desemba, 1997.

Ajenti wangu/wetu atapiga/watapiga kura kama ilivyo kwenye maazimio yafuatayo:

- i) Kupokewa na kuidhinishwa kwa taarifa ya wakurugenzi na ukaguzi wa pesa kwa kipindi kilichomalizika tarehe 30 Juni 1997.
- ii) Tangazo la marupurupu ya mwisho kwa hisa za kawaida.
- iii) Kuchaguliwa tena kwa wakurugenzi waliostaafu.
- iv) Malipo ya wakaguzi wa pesa.

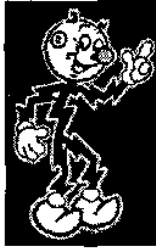
NDIO	LA

Tarehe ..... Mwezi ..... 1997

Sahihi .....

(Ikiwa mteua ni shirika, lazima atumie alama yake au sahihi ya afisa au wakili aliyeidhinishwa kwa maandishi).

KWA MATUMIZI YA OFISI PEKEE	
7%	
4%	
KAWAIDA	
JUMLA	



**THE KENYA POWER AND LIGHTING COMPANY LIMITED**  
**P. O. Box 30099, Nairobi**  
**FORM OF PROXY FOR ANNUAL GENERAL MEETING**

I/We ..... ) BLOCK  
 ..... ) Capitals  
 of ..... ) Please  
 being (a) Member (s) of the above-named Company, **HEREBY APPOINT** the Chairman of the meeting  
 or .....  
 .....  
 as my/our proxy to vote for me/us and on my/our behalf at the **ANNUAL GENERAL MEETING** of the Company to be held on Tuesday, 23rd December, 1997, and at any adjournment thereof.

My/our proxy is to vote as indicated in respect of the following Resolutions:

- i) The Receipt and adoption of the Directors' Report together with the audited Financial Statements for the year ended 30th June, 1997.
- ii) The declaration of a final dividend on the Ordinary Stock,
- iii) The re-election of retiring Directors.
- iv) Remuneration of Auditors.

	FOR		AGAINST
i)			
ii)			
iii)			
iv)			

Dated this ..... day of ..... 1997

Signature .....

NB: If the appointor is a corporation, the proxy must be executed under its common seal or under the hand of an Officer or Attorney duly authorised in writing.

FOR OFFICE USE ONLY	
7%	
4%	
<b>ORDINARY</b>	
<b>TOTAL</b>	



## **Re-valuation Of Assets**

During the year the Government invited consultancy proposals from reputable accounting firms to carry out asset re-valuation study. Only one firm responded, but their proposal was not acceptable. It has, therefore, been decided to invite further proposals. It is expected that a consultant will be appointed shortly and the study completed by September, 1998. The purpose of the study is to determine the value at which the assets will be transferred between the companies.

## **Public Relations**

In the interest of customer education and enhancement of the Company's corporate image, your Company participated in nine Agricultural Society of Kenya (ASK) Shows and two District Harambee Shows. Company stands at these events won 18 first prizes, 11 second prizes and 3 third prizes.

New show stands were constructed at the Nairobi, Mombasa and Nakuru showgrounds. The show stands accommodate facilities which will be utilised outside the show periods.

*Dissemination of information pertaining to energy conservation and safety continued through the weekly radio programme "Ulimwengu Wa Bwana Reddy Kilowatt", corporate documentary films, press releases and statements, corporate advertisements, publications and demonstrations at agricultural shows, schools and markets.*

## **HUMAN RESOURCES AND TRAINING**

As we continue to improve the quality of customer service, we recognise that employees are the most important of our assets. We have ensured that the people required to manage the industry are among the most highly qualified, and the Company has developed policies that are designed to attract and retain them. We have put in place rigorous training programmes for staff empowerment and skills enhancement geared towards achievement of corporate goals. This has resulted in greater appreciation of the customer by staff, improved productivity, and increased awareness of the changing operating environment among other benefits.

kawaida kwa kila hisa moja, hali hii imeongeza malipo ya marupurupu kuwa asilimia 200% zaidi ya mwaka uliotangulia.

Kati ya jumla ya marupurupu yaliyolipwa na yanaotarajia kulipwa, Hazina kuu ya serikali ambayo ni mwenye hisa mkuu italipwa shilingi milioni 171. (Kipindi kilichomalizikia tarehe 30 Juni, 1996 hii ilikuwa shilingi milioni 60). Marupurupu haya pamoja na kodi yanaleta mchango wa kampuni kwa pato la taifa kuwa shilingi bilioni 3 milioni 190. (Kipindi kilichomalizikia tarehe 30 Juni, 1996 mapato haya yalikuwa shilingi bilioni 1 milioni 863).

## **Ukadiraji Mali Za Kampuni**

Katika mwaka huu serikali iliitisha mapendekezo ya kiushauri kutoka kwa kampuni ya uhasibu inayosifika kufanya uchunguzi wa ukadiraji mali za kampuni. Lakini ni Kampuni moja tu iliowasifisha barua. Hivyo basi imeamuliwa kwamba mapendekezo zaidi yaitishwe. Inatarajiwa kwamba mtaalam wa ushauri atateuliwa hivi karibuni na uchunguzi kukamilishwa kufikia mwezi Septemba mwaka 1998.

Lengo la uchunguzi huu ni kutambua thamani ya mali itakayohamishwa kati ya kampuni hizi mbili.

## **Uhusiano Mwema Wa Umma**

Kwa kuzingatia maslahi ya elimu ya wateja na uimarishaji wa kielelezo halisi cha kampuni, kampuni yetu ilishiriki katika maonyesho tisa ya kilimo ya Kenya ASK na maonyesho mawili ya Harambee ya wilaya. Vibanda vya kampuni kwenye maonyesho haya vilishinda zawadi 18 za nafasi ya kwanza, 11 za nafasi ya pili na 3 za nafasi ya tatu.

Vibanda vipya vya maonyesho vilijengwa kwenye maonyesho ya kilimo ya Nairobi, Mombasa na Nakuru. Vibanda hivi vina vifaa vitakavyotumiwa baada ya maonyesho.

Usambazaji habari kuhusu uhifadhi wa kawi na usalama uliendelea kupitia kipindi cha radio cha *Ulimwengu Wa Bwana Reddy Kilowatt*, filamu za kimafunzo, taarifa za waandishi habari, matangazo ya kibiashara, majarida na mafundisho katika maonyesho ya kilimo, shule na masoko.

## **Wafanyikazi Na Mafunzo**

Huku tukiendelea kuimarisha ubora wa huduma za wateja, tunatambua kwamba wafanyikazi wa kampuni ndio mali yetu muhimu zaidi. Tumehakikisha kwamba watu wanaohitajika kusimamia sekta hii ni miongoni mwa wale walio na ujuzi wa hali ya juu zaidi, na kampuni imestawisha

A sum of Shs. 92.5 million was spent on training a total of 4,571 employees at the Company's Training School and other institutions. Out of this, an amount of Shs 12.8 million was spent on management training and development of 69 senior staff.

We have also adopted a participative management style that brings out the employees' talents. This approach also recognises the complementary role of the workers' trade union (The Kenya Electrical Trades and Allied Workers Union), by facilitating an enabling working environment. The Company thus continued to enjoy cordial industrial relations throughout the year and this spirit will continue to be promoted.

The Company had a workforce of 8,279 by 30th June, 1997, compared to 8,193 the previous year. 311 employees left the Company compared to 899 who left during the previous year. Out of those, 136 left under the Voluntary Early Retirement Programme while the rest left for various other reasons. Customer to staff ratio achieved was 51:1 compared to 49:1 last year.

## RESTRUCTURING OF THE POWER INDUSTRY

As stated in my predecessor's last review, in the interest of improvement in the sub-sector operational efficiency, the industry's restructuring

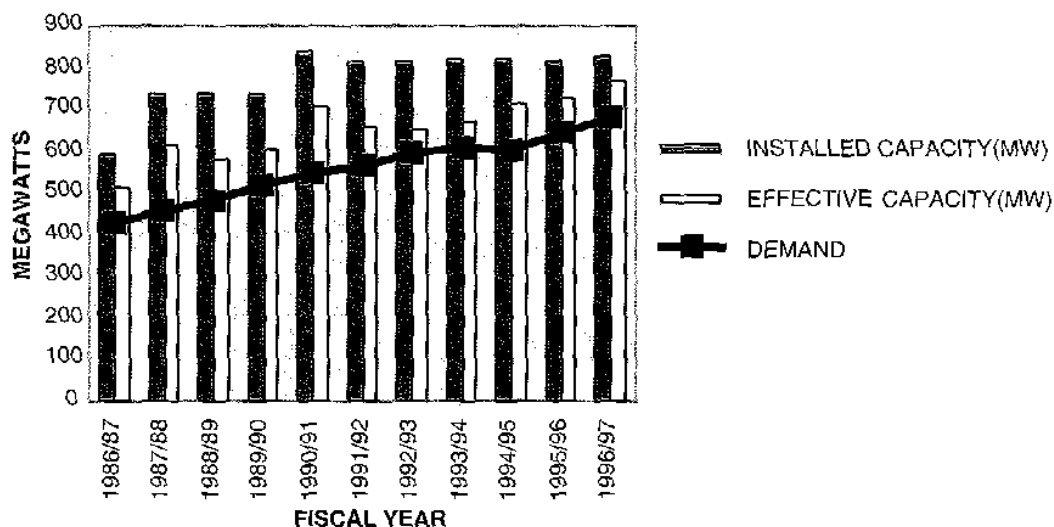
maongozi yenye lengo la kuvutia na kudumisha wafanyikazi hao. Tumeanzisha mpango kabambe wa mafunzo kwa wafanyikazi ili kuwapa uwezo na ujuzi wa kuimarisha huduma ili kutimiza malengo ya kampuni. Hatua hii imewaridhisha wateja kwa kuhudumiwa ifaavyo na wafanyikazi, kuimarisha uzalishaji na kuzidisha ufahamu wa utekelezaji shughuli katika mazingira yanayobandilika miongoni mwa manufaa mengine.

Jumla ya shilingi milioni 92.5 zilitumiwa kwa mafunzo ya jumla ya wafanyikazi 4,571 katika shule ya mafunzo ya kampuni na vituo vingine. Kati ya pesa hizi shilingi milioni 12.8 zilitumiwa kwa mafunzo ya usimamizi na ustawishaji wa maafisa 69 wakuu.

Pia tumeidhinisha mtindo wa ushiriki wa wasimamizi ambao unaonyesha vipawa vya wafanyikazi. Hatua hii pia inatambua jukumu muhimu la Chama Cha Wanyikazi (Kenya Electrical Trades and Allied Workers Union) kwa kuleta mazingira yafaayo ya kikazi. Hivyo basi kampuni iliendelea kufurahia uhusiano mzuri ulioko wa viwandani mwaka mzima na moyo huu utacendelea kuimarishwa.

Kampuni ilikuwa na wafanyikazi 8,279 kufikia tarehe 30 Juni, 1997, ikilinganishwa na wafanyikazi 8,193 mwaka uliotangulia. Wafanyikazi 311 waliwacha kazi ikilinganishwa na wafanyikazi 899 waliowacha kazi mwaka uliotangulia. Kati ya hao, 136 waliwacha kazi chini ya mpango wa kustaafu mapema kwa hiari ihali wengine waliwacha kazi kutokana na sababu mbali mbali. Kiwango kati ya mteja na mfanyikazi kilikuwa ni 51:1 kikilinganishwa na 49:1 mwaka uliopita.

**GENERATION PLANT CAPACITY AND PEAK DEMAND**





process had commenced, with the appointment of a Board of Directors to run The Kenya Power Company Limited (KPC). The merger of the Tana River Development Company Limited (TRDC) and KPC has since been completed and TRDC will be wound up shortly. The staff separation exercise has also been completed and managements for the respective companies appointed. The revaluation and separation of assets is in progress. At the time of going to press, therefore, the two companies were operating independently of each other, though harmoniously in order to ensure continuity and stability in customer service delivery. In order to create

the requisite enabling legal framework for the liberalised sub-sector, the *Electric Power Bill, 1997*, has been passed by Parliament. The Bill establishes an Electricity Regulatory Board with responsibilities, inter alia, for ensuring a reliable supply of electricity to our customers, adjustment of tariffs, settling customers' complaints and creation of an enabling environment for competition amongst power producers. The Bill also



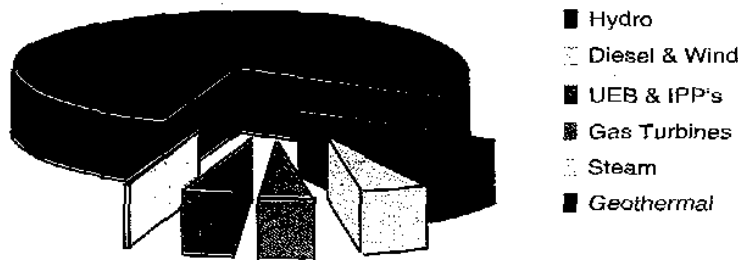
Westmont Power (K) Ltd., one of the two Independent Power Producers operating in the country installed a 43MW gas turbine plant on a floating barge in Mombasa and connected to the national grid at Kipevu in August 1997.

### Urekebishaji Wa Sekta Ya Kawi

Kama ilivyoelezwa kwenye taarifa ya mtangulizi wangu, katika kuzingatia maslahi ya kuimarisha utekelezaji shughuli za sekta ndogo ya kawi kwa njia ifaayo, mpango wa urekebishaji wa kampuni ulianza kwa kuteuliwa kwa Halmashauri ya wakurugenzi kuendesha kampuni ya Kenya Power Company Limited KPC. Kuunganishwa kwa kampuni ya ustawi wa Mto Tana TRDC na kampuni ya Kenya Power K P C kumekamilishwa na kampuni ya TRDC itafungwa hivi karibuni. Shughuli ya kuwatenganisha wafanyikazi pia imekamilishwa na wasimamizi wa kampuni hizi mbili kuteuliwa. Ukadiriaji na utenganishaji wa mali za kampuni hizi unaendelea.

Hadi tulipofikia wakati wa kutoa habari hizi kwa magazeti na vyombo vingine vya habari, kampuni hizi mbili zilikuwa zikiendesha shughuli zao kibinafsi ingawa kwa njia nzuri ili kuhakikisha uendelezaji na uthabiti wa utoaji huduma bora kwa wateja. Ili kutoa nafasi ya kuruhusu utekelezaji huru wa sekta ndogo ya kawi, mswaada juu ya nguvu za umeme wa mwaka 1997 ulipitishwa bungeni. Mswaada huu utawezesha kuanzishwa kwa Halmashauri ya kisheria ya umeme ikiwa na jukumu la kuhakikisha ugawaji wa

### GENERATION BY SOURCE



provides that the Minister for Energy may impose a levy of upto 5% on all electricity consumed, to enhance funding of rural electrification. Under the restructured environment, KPLC will purchase electricity from the KPC, and other Independent Power Producers (IPPs) in bulk, and sell it to your customers.

## DEVELOPMENT

### Geothermal Resources

By 30th June, 1997, deepening of four wells to the production depth had been completed, one in West Olkaria and three in Central Olkaria. Deepening of other wells is in progress.

### East Olkaria

In order to maintain the station's capacity of 45MW, two additional wells have to be connected to the steam line system. For this purpose design work for the connection of these wells was completed. Tenders for connection of the wells to the steam system will subsequently be invited.

### Olkaria North East (Olkaria II) Power Station

Financing arrangements for the 64MW project have been finalised with the International Development Association (IDA), Kreditanstalt fur Wiederaufbau (KfW) and the European Investment Bank (EIB). Prequalification for consultancy services for supervision during construction was advertised in both the local and international press in August, 1997. Implementation of the project is intended to commence in 1998, with the commissioning scheduled for 2002.

kutegemewa wa umeme kwa wateja wetu, marekebisho ya mauzo, kushughulikia malalamiko ya wateja na kuleta mazingira yafaayo ya ushindani miongoni mwa watoaji umeme wa kibinafsi. Mswada huu pia unacleza kwamba wizara ya Kawi huenda ikaanzisha ushuru wa hadi asilimia 5% kwa umeme wote unaotumiwa, ili kuimarisha ufadhili wa mpango wa ustawishaji nguvu za umeme katika sehemu za mashambani. Chini ya mazingira ya marekebisho, kampuni ya Kenya Power and Lighting itanunua umeme kutoka kwa kampuni ya Kenya Power KPC na watoaji wengine wa kibinafsi wa umeme na kuwauzia wateja wetu.

## USTAWI

### Mvuke Wa Ardhini

Kufikia tarehe 30 Juni mwaka 1997, uchimbaji wa visima vinne vya kiina cha utoaji wa mvuke ulikamilika, kimoja kikiwa magharibi ya eneo la Olkaria na vitatu kati kati ya eneo hilo. Uchimbaji zaidi wa visima vingine unaendelea.



One of the two Independent Power Producers contracted to supply power to the KPLC, Iberafrica Power (EA) Ltd., installed a 44.5 MW diesel power plant at Nairobi South. It started commercial operations in June 1997.

### Eneo La Olkaria Mashariki

Ili kudumisha kiwango cha utoaji umeme cha kituo cha megawatti 45, visima viwili zaidi vitaunganishwa

kwa mitambo ya mvuke. Kufuatia hatua hii, usanii wa kazi ya uunganishaji visima hivi ilikamilika. Tenda kwa uunganishaji wa visima hivi kwa mitambo ya mvuke zitaalikwa.

### Kituo Cha Olkaria Kaskazini Mashariki (OLKARIA II)

Mipango ya ufadhili kwa mradi wa utoaji nguvu za umeme kwa kiwango cha megawatti 64 imekamilishwa na chama cha maendeleo ya kimataifa (IDA), Kreditanstalt Fur Wiederaufbau (KfW) na benki ya uwekaji rasimali ya Ulaya (EIB). Kazi ya huduma za ushauri kwa wasimamizi wakati wa ujenzi ilitangazwa katika magazeti ya humu nchini na ya kimataifa mnamo mwezi Agosti mwaka 1997. Utekelezaji wa mradi huu unanuiwa kuanza mnamo

### **Sondu/Miriu Hydro Power Project**

Following the Government of Japan's agreement to fund Phase I of the project, a Loan Agreement was signed between KPC and the Overseas Economic Corporation Fund (OECF) of Japan on 3rd March, 1997. The contract for Engineering Services for the project was entered into with Nippon Koei Company Limited and KPC in July, 1997, and consultancy work commenced. It is intended that international tendering for Phase I of the project will be finalised during 1998. The Japanese Government has been requested to finance Phase II of the project, which is expected to be commissioned by the year 2002.

### **Nairobi-Rabai 220 kV Transmission Line**

Work on Survey and Wayleaves for the line route was in progress during the year. Meanwhile, funding for implementation of the project is being discussed with the World Bank. The Bank has requested for an up-date of the study so that they can send a pre-appraisal mission in January, 1998.

### **Kiambere-Nairobi 220kV Transmission Line**

Funding for implementation of the project is being sought and World Bank has requested for an up-date of the study to facilitate an appraisal.

### **Kipevu 1st 75MW Diesel Project**

Tenders for construction of the project were evaluated in March, 1997, and the report sent to OECF for concurrence in April, 1997. The contract was awarded to the consortium of Mitsubishi Heavy Industries Ltd and Mitsubishi Corporation on 22nd August, 1997, at a total cost of Shs. 3.9 billion. It is anticipated that the project implementation will commence during 1997 with a completion date of 1999.

### **Kipevu 2nd 75 MW Diesel Project**

Mott Ewbank Preece (MEP), who are the project consultants, submitted the evaluation report of the bids for the development of the project by Independent Power Producers (IPPs) and pre-contract award negotiations with Messrs. Wartsila Development, the lowest evaluated bidder, are in progress. Implementation of the

mwaka 1998 na umepangiwa kuanza kutoa umeme mwaka 2002.

### **Mradi Wa Nguvu Za Umeme Unaotokana Na Maji Wa Sondu/Miriu**

Kufuatia hatua ya serikali ya Japan ya kukubali kufadhili awamu ya kwanza ya mradi huu, mkataba wa mkopo ulitiwa saina kati ya kampuni ya Kenya Power Company Limited (KPC) na shirika la Hazina ya Kiuchumi ya nchi za Ng'ambo (OECF) la Japan tarehe 3 Machi mwaka 1997. Kandarasi ya huduma za uhandisi kwa mradi huu ilipewa kampuni ya Nippon Koei Limited na kampuni ya Kenya Power mwezi Julai mwaka 1997, na kazi ya ushauri ikaanza. Inaniwa kwamba tenda ya kimataifa kwa awamu ya kwanza ya mradi huu itakamilika mwaka 1998. Serikali ya Japan imcombwa kufadhili awamu ya pili ya mradi huu unaotarajiwa kuanza kutumika mwaka 2002.

### **Laini Ya Ugawaji Umeme Ya Nairobi/Rabai Ya Kilovolti 220**

Kazi kuhusu usoroveya na njia za laini hii ziliendelea mwaka huu. Wakati huo huo, ufadhili wa utekelezaji wa mradi huu unajadiliwa na benki ya Dunia. Benki hii imeomba kupata uchunguzi wa hivi punde ili iweze kutuma ujumbe kuja kuidhinisha hatua hii mwezi Januari mwaka 1998.

### **Laini Ya Ugawaji Umeme Ya Kiambere/Nairobi Ya Kilovolti 220**

Ufadhili wa utekelezaji mradi huu bado unatafutwa, na Benki ya Dunia imcomba kupata uchunguzi wa hivi punde kuwezesha kuidhinishwa kwake.

### **Mradi Wa Kwanza Wa Mafuta Ya Dizel Wa Kipevu Wa MW75**

Tenda za ujenzi wa mradi huu zilikaguliwa mwezi Machi mwaka 1997, na ripoti ikatumwa kwa shirika la OECF kwa uidhinishaji mnamo mwezi Aprili mwaka 1997. Kandarasi ilipewa kampuni za Mitsubishi Heavy Industries Limited na Mitsubishi Corporation tarehe 22 mwezi Agosti mwaka 1997 kwa jumla ya gharama ya shilingi bilioni 3.9. Inatumainiwa kwamba utekelezaji wa mradi huu utanza mwaka huu na kukamilishwa mwaka 1999.

### **Mradi Wa Pili Wa Mafuta Ya Dizel Wa Kipevu Wa MW75**

Mott Ewbank Preece (MEP) kampuni ya kiushauri kwa mradi huu iliwasilisha taarifa ya ukadiriaji kuomba kustawisha mradi huu kwa watoaji wa kibinafsi wa nguvu za umeme (IPPs), na mashauri juu ya utoaji kandarasi kati ya kampuni ya Wartsila Development iliyowasilisha ombi la kuchukua

project is expected to start in 1998 for completion by end of 1999.

### **Raising of Masinga Dam and Re-development of Tana Power Station**

The Final Feasibility Study Reports were received from the consultant, Knight Piesold and Partners in July, 1997 and efforts are being made to identify funding for implementation of the project. The proposed raising of Masinga Reservoir level is projected to increase the energy output through the Tana cascade by a total of about 62 Gwh per annum while re-development of Tana Power Station will increase its capacity from 11MW to 25 MW.

### **Stop Gap Generating Plants**

Construction of the two power projects by the Independent Power Producers progressed well. The diesel plant at Nairobi South being developed by Iberafrica Power (E.A.) Limited started full commercial operation in August while the Barge Mounted Gas Turbine, undertaken by Westmont Power (Kenya) Limited commenced in September, 1997, injecting into the system about 45MW, and 43MW, respectively, thus significantly reducing the extent of power rationing.

### **Gitaru 3rd Unit**

Tenders for the construction of the 72.5MW Unit at Gitaru were invited and evaluated during the year and the contract has been awarded to Siemens - Voith of Germany at a cost of Shs. 1.18 billion. The project is expected to be completed in 1999.

### **Olkaria III 64MW Geothermal Power Station**

Following submission of the evaluation report by MEP pre-contract award negotiations were in progress with Messrs. Ormat International, Inc. of U.S.A. who were the compliant bidder. The project is expected to be commissioned in the year 2002.

### **180 MW Ewaso Ngiro South Multipurpose Project**

Efforts to reactivate the project funding continued. It is expected that disbursements will

kandarasi kwa kiwango cha chini cha malipo bado yanaendelea. Utekelezaji wa mradi huu unatarajiwa kuanza mwaka 1998 na kukamilika kufikia mwisho wa mwaka 1999.

### **Upanuzi Wa Bwawa La Masinga Na Ustawishaji Mpya Wa Kituo Cha Umeme Cha Tana**

Taarifa za utafiti wa mwisho zilipokewa kutoka kwa kampuni ya ushanji ya Knight Piesold and Partners mwezi Julai mwaka 1997 na juhudi zinafanywa kutambua ufadhili kwa utekelezaji wa mradi huu.

Upanuzi uliopendekezwa wa kiwango cha uhifadhi wa kituo cha Masinga umenuiwa kuongeza kiwango cha utoaji kawi kupitia mto Tana kwa jumla ya kiwango cha 62 Gwh kwa mwaka ilhali ustawishaji mpya wa kituo cha umeme cha Tana utaongeza kiwango chake kutoka megawatti 11Mw hadi megawatti 25Mw.

### **Viwanda Vya Utoaji Umeme Vya Kibinafsi**

Ujenzi wa miradi miwili ya nguvu za umeme ya watoaji kawi wa kibinafsi uliendelea vyema. Kiwanda cha kutumia mafuta ya Dizel cha Nairobi kusini kinachostawishwa na kampuni ya Iberafrica Power (E.A) Limited kilianza shughuli kamili za utoaji umeme mwezi Agosti mwaka huu ilhali mtambo wa kutumia gesi wa kampuni ya Westmont Power (Kenya) Limited ulianza kufanya kazi mwezi Septemba mwaka 1997 na kutoa umeme wa kiwango cha megawatti 45 na 43 kati yao hivyo kupunguza upimaji nguvu za umeme.

### **Kituo Cha Tatu Cha Gitaru**

Tenda za ujenzi wa kituo cha utoaji megawatti 72.5 za umeme huko Gitaru zilialikwa na kukadiriwa mwaka huu na kandarasi inatolewa kwa kampuni ya Siemens - Voith ya Ujerumani kwa gharama ya shilingi bilioni 1.18. Mradi huu unatazamiwa kukamilika mwaka 1999.

### **Kituo Cha Mvuke Wa Ardhini Cha Olkaria III**

Kufuatia ukadiraji wa taarifa ya MEP mashauri ya utoaji kandarasi yaliendelea kati ya waakilishi wa kampuni ya Ormat International ya Amerika iliyokuwa ikiwania kandarasi hiyo. Mradi huu unatarajiwa kuanza kutumika mwaka 2002.

### **Mradi Wa Ewaso Ngiro Kusini Wa MW 180**

Juhudi za kutafuta ufadhili wa mradi huu bado zinaendelea. Inatarajiwa kwamba utoaji fedha utarejelewa katika mwaka 1998 ili kuwezesha uchunguzi zaidi kufanywa pamoja na matayarisho ya michoro na pia kukamilishwa kwa stakabadhi za tenda kwa mradi huu.

### **Ujenzi Wa Laini Za Ugawaji Umeme**

Kuambatana na hali ya sasa ya uwekaji huru sekta

resume during 1998 to enable further site investigations and preparation of detailed design and tender documents.

### **Construction Of Distribution Lines**

In line with the current liberalisation of the industry, the Company has started contracting out construction of distribution lines. To date sixteen jobs, covering 11kV and 33 kV lines totalling 163 kilometres, associated substations, low voltage and service lines, have been awarded to private contractors. The results of the contracted jobs have demonstrated faster implementation and cost effectiveness.

### **INSTITUTIONAL STRENGTHENING PROJECT**

The Institutional Strengthening Project (ISP) instituted by the Company in collaboration with Messrs. Union Fenosa-Acex, consultants of Spain in 1995, to transform business processes and operations with a view to enhancing efficiency, reduce operational costs, improve customer service delivery, and change corporate culture, achieved various milestones.

The implemented systems and processes have resulted into improved efficiency and accuracy companywide in meter reading and billing, better banking hall customer services, faster emergency services, generation machines maintenance leading to improved plant availability, distribution system design which has reduced delays in connecting new customers etc.

The project, currently in its final phase which entails consolidation, support and maintenance of the new information systems and processes, is scheduled to be completed late 1998.



The Integrated Customer Service (ICS), a product of the Institutional Strengthening Project (ISP) has provided a one-stop counter service in the banking halls in a continuing effort to enhance customer satisfaction.

hii ya kawi, kampuni hii imeanza kutoa kandarasi za ujenzi wa laini za ugawaji umeme. Hadi sasa kazi 16 zinazohusu laini za kilovolti 11 na 33, za jumla ya kilomita 163, vituo vidogo na laini za nguvu za umeme, zimepewa wanakandarasi wa kibinafsi. Matokeo ya kazi hizi yamedhihirisha utekelezaji wa haraka na ugharamiaji nafuu na ufaao.

### **Mradi Wa Uimarishaji Wa Shuguli Za Kampuni**

Mradi wa shuguli za Kampuni yaani Institutional Strengthening Project (ISP) ulianzishwa na kampuni kwa ushirikiano wa kampuni ya Union Fenosa-Acex ya kiushauri ya Uhispania mwaka 1995 kuboresha mpango wa kibiashara na shughuli nyingine muhimu kwa lengo la kuimarisha utendaji kazi, kupunguza gharama za uendeshaji shughuli za kampuni, kuimarisha utoaji huduma kwa wateja na kubadili hali ya kazi mradi ambao umeleta mafanikio mbali mbali.

Utekelezaji wa mipango hii umeimarisha utendaji kazi ifaavyo kote kampunini katika usomaji mita za stima na uwekaji bili za malipo ya stima, huduma bora zaidi kwa wateja, huduma za dhara, usimamizi wa mashine za utoaji umeme kuimarisha ustawi wa mitambo na

kupunguza kucheleweshwa kwa uunganishaji umeme kwa wateja wapya.

Mradi huu ambao uko katika awamu yake ya mwisho umepangiwa kukamilika baadaye mwaka 1998.

### **Mpango Wa Ustawishaji Umeme Katika Sehemu Za Mashambani**

Kampuni iliyoteuliwa ya kiushauri kufanya utafiti wa mpango mkubwa wa kitaifa wa ustawishaji nguvu za umeme katika sehemu za mashambani ya Fractebel Consultants ya Ubelgiji ilikamilisha kazi yake. Taarifa ya mwisho iliyowasilishwa bado inachunguzwa.

Kampuni kwa niaba ya serikali, iliendelea na mpango wa ustawishaji nguvu za umeme wa sehemu za

## RURAL ELECTRIFICATION

The consultants appointed for the National Rural Electrification master plan study Messrs. Tractebel Consultants of Belgium, completed their work. The final draft report submitted is being studied.

The Company continued, on behalf of the Government, with the implementation of the rural electrification programme. During the year Shs. 313 million were spent on extension of lines for 135 schemes which were at various stages of implementation, bringing the cumulative capital expenditure since inception to Shs. 2,914 million.

The number of customers rose by 8,978 or 19% from 47,164 to 56,142. Units sold rose from 138 million to 150 million, an increase of 8.0% (previous year 3.0%). Revenue realised was Shs. 1,175 million, compared to Shs. 773 million realised in the previous year. The increase in revenue is attributable to load growth as well as tariff increase.

During the year the operating expenditure increased by 17.2% from Shs. 827 million to Shs. 969 million, resulting in a net operating loss of Shs. 206 million.

The foregoing review comprises performance of the industry functions of transmission and distribution, on the one hand, and the generation function on the other. In future, therefore, each company will review the performance of its functions separately.

## FUTURE PROSPECTS

In the short term, the current plant meets demand with no reserve capacity for maintenance. Due to the delayed implementation of the planting up programme, need has been identified for installing a fast track plant to be commissioned during 1998, and steps towards achieving this goal have been initiated.

On the transmission and distribution function, completion of implementation of the transmission lines reviewed above is imperative in order to transmit the increasing generation capacity to the various parts of the Country. In addition,

mashambani. Katika mwaka huu shilingi milioni 313 zilitumiwa kwa shughuli za upanuzi wa laini za umeme kwa mipango 135 iliyokuwa katika viwango mbali mbali vya utkelezaji, na kufikisha mtaji wa matumizi tangu kuanzishwa kwake wa shilingi bilioni 2 milioni 914.

Idadi ya wateja iliongezeka kwa kiwango cha 8,978 au asilimia 19% kutoka 47,164 hadi 56,142. Kiwango cha umeme uliuzwa kiliongezeka kutoka milioni 138 hadi milioni 150 likiwa ni ongezeko la asilimia 8% ambapo awali ongezeko hilo lilifikia asilimia 3%. Mapato yaliyopatikana ni shilingi bilioni 1 milioni 175 ikilinganishwa na shilingi milioni 773 zilizopatikana mwaka uliotangulia. Ongezeko hili la mapato lilitokana na kuongezeka kwa mauzo ya kampuni. Katika mwaka huu matumizi ya uendeshaji shughuli za kampuni yaliongezeka kwa asilimia 17.2% kutoka shilingi milioni 827 hadi shilingi milioni 969 hivyo kuleta hasara ya uendeshaji shughuli za kampuni ya shilingi milioni 206.

Taarifa hii inahusu shughuli za sekta hii katika usambazaji na ugawaji umeme, na shughuli za utoaji umeme huu. Hivyo basi katika siku zijazo kila kampuni itawasilisha matokeo ya shughuli zake pekee.

## Matumaini Ya Siku Zijazo

Kwa hivi sasa utoaji umeme unatimiza mahitaji yaliyoko bila ya kuwa na kiwango cha uhifadhi. Kutokana na kucheleweshwa kwa utekelezaji wa miradi ya umeme, kumekuwa na haja ya kuweka kiwanda cha utoaji umeme kwa njia ya haraka ili kuanza kutumika mwaka 1998 na hatua za kufanikisha lengo hili zimcanzishwa.

Kuhusu shughuli ya usambazaji na ugawaji umeme, kukamilishwa kwa utekelezaji wa laini za usambazaji umeme zilizochunguzwa ni muhimu ili kusambaza kiwango kilichoongezwa cha umeme hadi katika sehemu mbali mbali humu nchini. Na kama nilivyoeleza katika taarifa yangu, ujenzi wa laini za mtindo wa ugawaji na huduma umetolewa kandarasi ili kuharakisha uunganishaji umeme kwa wateja wanya. Utoaji kandarasi za shughuli nyingine za kampuni utaendelea ili makampuni mengine yaweze kuendelea kuendesha shughuli zao mbali mbali katika sekta hii. Pia kampuni inanua kuanzisha kipimo cha kazi za wafanyikazi ili kuimarisha uzalishaji, uwazi na utekelezaji kazi ifaavyo. Kadhalika ukamilishaji wa mradi wa kuboresha shughuli za Kampuni katika kipindi kitakachomalizikia tarehe 30 Juni mwaka 1998 na juhudi za kuimarisha kiwango kati ya mteja

as stated elsewhere in my review, construction of the distribution system and service lines is being contracted out in order to speed up connection of electricity to new customers. Consideration of contracting out other activities of the Company will continue in order that the companies can concentrate on the core business of the industry. It is also intended to enter into performance contracts shortly with the staff in order to enhance productivity, accountability and efficiency. Further, the substantial completion, of the Institutional Strengthening Project during the year to 30th June, 1998, and the efforts to improve the customer to staff ratio, will culminate in the overall improvement in the quality of service delivery to our customers.

On the generation aspect, the short rains experienced in the last few months have been above average, as a result of which the dams on the Tana catchment, on which about 70% of power generation depends, are full. This position will facilitate maximisation of hydro generation and is expected to mitigate, to some extent, the impact on the dam levels of the predicted poor long rains next year.

Except for the impact of the predicted drought next year, which gives me cause for concern, going by the performance trend to-date and the measures outlined above, the prospects of your Company achieving improved trading results this financial year over the one under review look good.

### **Staff**

My review would be incomplete without reference to the staff of your Company. Your Directors are greatly indebted to the entire Company staff for their continued devotion to duty and commitment to service. I would like on your behalf and that of the Board to express gratitude to them all and to encourage them to strive for even better performance.

**T.T.OLE NAIKUNI**  
**CHAIRMAN**  
11th November, 1997.

na mfanyikazi zitadumishwa kwa minajili ya utoaji huduma bora kwa wateja wetu.

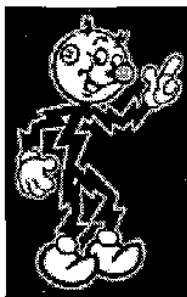
Kuhusu utoaji umeme, mvua ya vuli iliyonyesha miezi michache iliyopita imepita kiwango cha wastani na kutokana na hali hii mabwawa kwenye mto Tana yanayotegemewa kwa utoaji wa asilimia 70% ya umeme nchini yamejaa maji. Hatua hii itawezesha utoaji zaidi wa nguvu za umeme zinazotokana na maji na pia kuwezesha mabwawa hayo kuhifadhi maji kwa mda mrefu zaidi wakati wa kupungua kwa mvua za masika zinazo bashiriwa mwakani.

Mbali na hali ya ukame iliyobashiriwa mwaka ujao ambayo inaleta wasiwasi, kuna matumaini kwamba kampuni yako itaimarisha mafanikio ya kibiashara katika kipindi cha sasa cha matumizi ya pesa.

### **Wafanyikazi**

Taarifa yangu haingekuwa kamili bila kugusia wafanyikazi wa kampuni yenu. Wakurugenzi wenu wanatoa shukurani nyingi kwa wafanyikazi wote wa kampuni kwa kuendelea kujitolea kazini na kutoa huduma kwa njia ya uwajibikaji. Ningependa kwa niaba yenu na kwa niaba ya Halmashauri ya wakurugenzi wa kampuni kutoa shukurani zangu nyingi za dhati kwenu nyinyi na pia nawahimiza muendeleo kujitahidi kupata matokeo bora zaidi.

**T.T.OLE NAIKUNI**  
**MWENYEKITI**  
11 NOVEMBA, 1997



## REPORT OF THE DIRECTORS

The directors submit their report together with the audited financial statements for the year ended 30th June, 1997.

### ACTIVITIES

The principal activity of the Company continued to be the distribution and sale of electricity from energy purchased from Local Bulk Supply Companies, the company's own generating stations and the Uganda Electricity Board.

<b>RESULTS AND DIVIDENDS</b>	<b>Sh'000</b>
Profit before taxation	2,160,099
Provision for taxation	606,071
Profit after taxation	<u>1,554,028</u>

Preference dividends paid for the year on:	
350,000 - 7% Cumulative	
Preference Stock Units (gross)	490
1,800,000 - 4% Cumulative	
Preference Stock Units (gross)	1,440
	<u>1,930</u>

Ordinary Stock Dividends	422,016
	<u>423,946</u>

Retained profit for the year transferred to revenue reserves	<u>1,130,082</u>
--	------------------

## TAARIFA YA WAKURUGENZI

Wakurugenzi wanawasilisha taarifa yao pamoja na taarifa za ukaguzi wa pesa kwa kipindi cha matumizi ya pesa kilichomalizikia tarehe 30 Juni, 1997.

### SHUGHULI ZA KAMPUNI

Shughuli za kampuni ziliendelea kuwa ugawaji na uuzaji umeme kutoka kwa kawi iliyonunuliwa kutoka kwa makampuni ya utoaji umeme, vituo vya nguvu za umeme vya kampuni na Halmashauri ya umeme ya Uganda.

<b>MATOKEO NA MARUPURUPU</b>	<b>Sh'000</b>
Faida kabla ya kutozwa kodi	2,160,099
Kodi	606,071
Faida baada ya kutozwa kodi	<u>1,554,028</u>

Marupurupu ya malipo kwa mwaka kwa hisa 350,000 - 7%	490
Hisa 1,800,000 - 4%	1,440
	<u>1,930</u>

Marupurupu ya hisa za kawaida	422,016
	<u>423,946</u>

Faida iliyowekwa kwa mwaka kuhamishwa	<u>1,130,082</u>
---------------------------------------	------------------



## **DIVIDENDS**

An interim dividend of Shs. 3 (15%) per share was paid on 31st July, 1997. The directors recommend payment of a final dividend of Shs. 5 (25%) per share making a total dividend of Shs. 8 (40%) per share for the year.

## **CAPITAL EXPENDITURE**

During the year, a total of Shs. 2,943,952,000 was spent on fixed assets. Capital contributions received from customers amounted to Shs. 720,640,000 resulting in a net capital cost to the company of Shs. 2,223,312,000. Net capital work-in progress as at 30th June, 1997, amounted to Shs. 1,233,498,000 compared to Shs. 812,383,000 at the end of the previous year.

## **DIRECTORS**

The present members of the board of directors are shown on page 2.

Mr P. G. Mureithi resigned from the Board on 29th July, 1997.

Mr T. T. Ole Naikuni was appointed a director, and the chairman of the Board, along with Messrs T. D. Owuor, Z. N. Kahura and D. O. Kombo on 6th May, 1997.

In accordance with Regulation 128 of the Articles of Association of the Company, Messrs T. T. Ole Naikuni, T. D. Owuor, Z. N. Kahura and D. O. Kombo retire and, being eligible, offer themselves for re-election.

In accordance with Regulation 120 of the Articles, Messrs J. M. Mutisya, C. N. Mutitu and S. S. Lesrima retire and, being eligible, offer themselves for re-election.

## **MARUPURUPU**

Marupurupu ya muda ya shilingi 3(5%) kwa kila hisa yalilipwa tarehe 31 Julai, 1997. Wakurugenzi waliidhinisha malipo ya marupurupu ya mwisho ya shilingi 5(25%) kwa kila hisa ya jumla ya shilingi 8(40%) kwa kila hisa kwa mwaka.

## **MTAJI WA MATUMIZI**

Mwaka huu jumla ya shilingi bilioni 2 milioni 943 elfu 952 zilitumiwa kwa mali za kampuni. Michango ya mtaji huu iliyopokewa kutoka kwa wateja ni shilingi milioni 720 elfu 640 na kuleta gharama ya mtaji wa shilingi bilioni 2 milioni 223 elfu 321. Mtaji wa mwisho wa shughuli hii hadi kufikia tarehe 30 Juni, 1997 ni shilingi bilioni 1 milioni 233, elfu 498 ikilinganishwa na shilingi milioni 812 elfu 383 katika kipindi cha mwaka uliopita.

## **WAKURUGENZI**

Wanachama walioko wa Halmashauri na Wakurugenzi wameonyeshwa kwenye ukurasa wa pili.

Bwana P.G. Mureithi alijiuzulu tarehe 27 Julai, 1997.

Bwana T. T. Ole Naikuni aliteuliwa kuwa mkurugenzi na mwenyekiti wa Halmashauri pamoja na Mabwana T.D. Owuor, Z.N. Kahura na D.O. Kombo mnamo tarehe 6 Mei, 1997.

Kuambatana na kifungu cha sheria nambari 128 cha sheria za kampuni, Mabwana T.Ole Naikuni, T.D. Owuor, Z.N. Kahura na D.O. Kombo wanajiuzulu na wanaruhusiwa kujiwasilisha kuchaguliwa tena.

Kuambatana na kifungu nambari 120 cha sheria hizo, Mabwana J.M. Mutisya, C.N. Mutitu na S.S. Lesrima wanajiuzulu na wanaruhusiwa kujiwasilisha kuchaguliwa tena.

**AUDITORS**

The auditors, Deloitte & Touche, having indicated their willingness, continue in office in accordance with Section 159 (2) of the Companies Act.

**By Order of the Board**

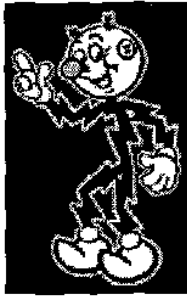
J. N. Kimani  
Secretary  
Nairobi, Kenya  
4th November, 1997

**WAKAGUZI WA PESA**

Kampuni ya ukaguzi wa pesa ya Deloitte & Touche kwa kuonyesha hamu ya kuendelea na kazi yake, itaendelea kufanya kazi hiyo kuambatana na kifungu nambari 159 sehemu ya pili cha sheria za kampuni.

**Kwa Amri ya Halmashauri ya Wakurugenzi**

J. N. Kimani  
Katibu  
Nairobi, Kenya  
Tarehe 4 Novemba, 1997



**REPORT OF THE AUDITORS TO MEMBERS  
OF THE KENYA POWER AND LIGHTING CO LTD**

We have audited the financial statements on pages 24 to 35 and have obtained all the information and explanations considered necessary for our audit.

The financial statements are the responsibility of the directors. Our responsibility is to express an opinion on the financial statements based on our audit.

We conducted our audit in accordance with generally accepted auditing standards. These standards require that we plan and perform the audit to obtain reasonable assurance as to whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by the directors, and evaluating the overall financial statement presentation.

In our opinion, proper books of account have been kept by the Company and the financial statements, which are in agreement therewith, comply with the Companies Act and give a true and fair view of the company's state of affairs at 30th June, 1997, and of its profit and cash flows for the year ended on that date.

Deloitte & Touche  
Auditors  
4th November, 1997

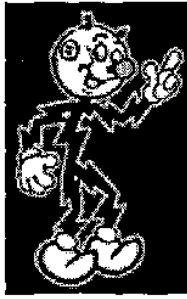
**TAARIFA YA WAKAGUZI WA PESA KWA  
WANACHAMA WA KENYA POWER AND  
LIGHTING COMPANY LIMITED**

Tumefanya ukaguzi wa taarifa za pesa kwenye ukurasa wa 24 hadi 35 na tumepata habari zote na maelezo ambayo ni muhimu kwa ukaguzi wetu.

Taarifa za pesa ni jukumu la Wakurugenzi. Jukumu letu ni kutoa maoni kuhusu taarifa za pesa kuhusiana na ukaguzi wetu.

Tulifanya ukaguzi wetu kuambatana na hali zinazokubalika za ukaguzi. Hali hizi zinatuhitaji kuandaa mipango na kufanya ukaguzi ili kupata hakikisho lifaalo iwapo taarifa za pesa hazina tashwishi. Ukaguzi pia ni pamoja na uchunguzi wa majaribio, ushahidi wa kuunga mkono viwango vya pesa na maelezo katika taarifa za pesa, kukadiria masharti ya uhasibu yaliyotumiwa na makadirio muhimu yaliyofanywa na Wakurugenzi na kukadiria taarifa nzima ya pesa iliyowasilishwa. Katika maoni yetu, vitabu halisi vya uhasibu vimewekwa na kampuni na kutoa maoni ya kweli na ya haki juu ya hali ya kampuni hii kufikia tarehe 30 Juni, 1997, na faida yake na mtiririko wa pesa kwa kipindi hiki.

Deloitte & Touche  
Auditors  
Tarehe 4 Novemba, 1997.



**PROFIT AND LOSS ACCOUNT  
FOR THE YEAR ENDED 30TH JUNE, 1997**

	Note	1997 Sh'000	1996 Sh'000
REVENUE		16,893,149	14,925,761
OPERATING EXPENSES		15,644,324	13,965,208
OPERATING PROFIT	2	1,248,825	960,553
EXCHANGE GAINS	3	126,702	15,280
INTEREST RECEIVABLE	4	884,749	626,162
INTEREST PAYABLE	4	(100,177)	(89,953)
PROFIT BEFORE TAXATION		2,160,099	1,512,042
TAXATION	5	606,071	395,752
PROFIT AFTER TAXATION		1,554,028	1,116,290
DIVIDENDS - GROSS	6	423,946	142,602
RETAINED PROFIT FOR THE YEAR	16	1,130,082	973,688
EARNINGS PER ORDINARY STOCK UNIT	7	Sh 29.42	Sh 21.12

**BALANCE SHEET AS AT 30TH JUNE, 1997**

	Note	1997 Sh'000	1996 Sh'000
FIXED ASSETS	8	6,587,490	4,770,730
UNQUOTED INVESTMENT	9	4,300	4,300
LOAN TO THE KENYA POWER COMPANY LTD	10	146,242	233,731
<b>CURRENT ASSETS</b>			
Stocks	11	2,922,129	3,189,427
Debtors	12	6,411,271	5,142,900
Taxation recoverable		-	12,065
Loan receivable within one year	10	75,670	77,910
Short term deposits		2,634,806	4,097,121
Bank and cash balances		1,575,794	264,539
		<u>13,619,670</u>	<u>12,783,962</u>
<b>CURRENT LIABILITIES</b>			
Creditors	13	12,706,425	11,352,753
Taxation payable		116,284	-
Dividends - payable		178,868	42,871
- proposed		263,760	140,672
Loans repayable within one year	17	226,876	328,582
Bank overdraft	14	467,937	564,762
		<u>13,960,150</u>	<u>12,429,640</u>
NET CURRENT (LIABILITIES)/ASSETS		<u>(340,480)</u>	<u>354,322</u>
		<u>6,397,552</u>	<u>5,363,083</u>
<b>Financed by:</b>			
SHARE CAPITAL	15	1,098,040	394,680
RESERVES	16	3,952,156	3,525,434
SHAREHOLDERS' FUNDS		<u>5,050,196</u>	<u>3,920,114</u>
LOANS	17	1,347,356	1,442,969
		<u>6,397,552</u>	<u>5,363,083</u>

The financial statements on pages 24 to 35 were approved by the board of directors on 4th November, 1997 and were signed on its behalf by:

T. T. Ole Naikuni )  
S. K. Gichuru ) Directors

**CASH FLOW STATEMENT FOR THE YEAR ENDED 30TH JUNE, 1997**

	Note	1997 Sh'000	1996 Sh'000
NET CASH INFLOW FROM OPERATING ACTIVITIES	18(a)	2,033,705	2,032,579
<b>RETURNS ON INVESTMENTS AND SERVICING OF FINANCE</b>			
Interest received		826,920	618,351
Interest paid		(106,950)	(92,344)
Dividends paid		(164,861)	(9,311)
NET CASH INFLOW FROM RETURNS ON INVESTMENTS AND SERVICING OF FINANCE		555,109	516,696
TAXATION PAID		(477,722)	(638,049)
<b>INVESTING ACTIVITIES</b>			
Additions to fixed assets, net of capital contributions		(2,223,312)	(588,611)
Proceeds on disposal of fixed assets		25,186	206,969
NET CASH OUTFLOW FROM INVESTING ACTIVITIES		(2,198,126)	(381,642)
NET CASH (OUTFLOW)/INFLOW BEFORE FINANCING		(87,034)	1,529,584
<b>FINANCING</b>			
Loans received		258,019	
Repayment of amounts borrowed		(314,949)	(334,545)
Receipt of amount advanced		89,729	77,448
NET CASH INFLOW/(OUTFLOW) FROM FINANCING		32,799	(257,097)
(DECREASE)/INCREASE IN CASH AND CASH EQUIVALENTS	18(c)	(54,235)	1,272,487

**NOTES TO THE FINANCIAL STATEMENTS  
FOR THE YEAR ENDED 30TH JUNE, 1997**

CMA-LIBRARY

**I ACCOUNTING POLICIES**

**BASIS OF ACCOUNTING**

The company prepares its financial statements on the historical cost basis of accounting.

**REVENUE**

Revenue represents the total income from the sale of electricity billed during the year excluding Value Added Tax due to the Government.

**INTEREST**

Interest is accounted for on the accruals basis. Loan interest accruing during the construction of a project is capitalised as part of the cost of the project.

**STOCKS**

Stocks are valued at average cost less provision for obsolescence.

**FIXED ASSETS**

**COST**

Additions to transmission lines during the year are capitalised net of customers' contributions.

**DEPRECIATION**

Depreciation is provided in accordance with the requirements of the Electric Power Act which provides for the write down of the cost of the assets to residual values by equal annual instalments over their estimated useful lives. No depreciation is provided on additions during the year.

**TAXATION**

Current taxation is provided on the basis of the results for the year as shown in the financial statements, adjusted in accordance with tax legislation.

Deferred taxation is provided on timing differences between the accounting and taxation treatment of certain items of expenditure where, in the opinion of the directors, a significant liability to taxation will crystallise in the foreseeable future.

**FOREIGN CURRENCIES**

Assets and liabilities denominated in foreign currencies are translated into Kenya shillings at the rates of exchange ruling at the balance sheet date. Transactions during the year are translated at the rates of exchange ruling at the dates of the transactions. Exchange gains and losses arising during the period of construction of a project are capitalised as part of the cost of the project. Other exchange gains and losses are dealt with in the profit and loss account.

	1997 Sh'000	1996 Sh'000
<b>2 OPERATING PROFIT</b>		
The operating profit is arrived at after charging/(crediting):		
Cost of bulk supply:		
Debt service and other operating costs	3,693,175	4,259,630
Development surcharge (Note 19)	1,566,737	2,974,629
Fuel costs	2,083,268	2,064,303
Staff retrenchment costs	142,430	305,060
Directors' emoluments - fees	1,140	377
- other	3,240	2,177
Auditors' remuneration	5,500	5,000
Depreciation	406,484	335,430
Profit on disposal of fixed assets	(25,118)	(201,178)
	=====	=====
<b>3 EXCHANGE GAINS/(LOSSES)</b>		
On loan capital	140,389	(1,239)
Less: (Gains)/Losses reallocated to The Kenya Power Company Limited	(13,687)	16,519
	=====	=====
	126,702	15,280
	=====	=====
<b>4 INTEREST</b>		
Interest receivable:		
Interest on bank and other deposits	884,317	625,058
Interest on deferred capital contributions	432	1,104
	=====	=====
	884,749	626,162
	=====	=====
Interest payable:		
Interest on loans	71,065	81,666
Interest on bank overdraft	29,112	8,287
	=====	=====
	100,177	89,953
	=====	=====



	<b>1997</b> <b>Sh'000</b>	<b>1996</b> <b>Sh'000</b>
<b>5 TAXATION</b>		
Current taxation		
Based on the adjusted profit for the year at 35%	554,353	395,752
Prior year underprovision	51,718	-
	<u>606,071</u>	<u>395,752</u>
	=====	=====

The taxable profit is significantly lower than the profit before taxation mainly due to excess capital allowances over depreciation and the allowance for tax purposes of realised exchange losses.

#### Deferred taxation

As at 30th June, 1997, there was a potential deferred tax liability amounting to Shs. 668,599,000 (1996 - Shs. 391,000,000).

	<b>1997</b> <b>Sh'000</b>	<b>1996</b> <b>Sh'000</b>
<b>6 DIVIDENDS - GROSS</b>		
Preference stock units	1,930	1,930
Ordinary stock units - Interim paid 7 July 1997	158,256	-
- Final proposed	263,760	140,672
	<u>423,946</u>	<u>142,602</u>
	=====	=====

#### 7 EARNINGS PER ORDINARY STOCK UNIT

Earnings per ordinary stock unit are calculated on the profit after taxation and preference dividends of Shs. 1,552,098,000 (1996 - Shs. 1,114,360,000) and on the number of stock units in issue at the balance sheet date. Due to the bonus issue approved at the Annual General Meeting held on 28th February, 1997, the 1996 comparative figure has been amended in line with generally accepted accounting practice.

**8 FIXED ASSETS**

	Land and buildings Sh'000	Transmission lines Sh'000	Plant and machinery Sh'000	Motor vehicles Sh'000	Furniture, equipment and others Sh'000	Total Sh'000
<b>COST</b>						
At 1st July 96	688,334	3,220,461	630,732	893,601	1,150,212	6,583,340
Additions	262,248	521,663	3,842	336,702	677,742	1,802,197
Reclassification	(2,123)	8,395	(8,360)	-	2,088	-
Disposals	-	(1,193)	-	-	-	(1,193)
At 30th June 97	<u>948,459</u>	<u>3,749,326</u>	<u>626,214</u>	<u>1,230,303</u>	<u>1,830,042</u>	<u>8,384,344</u>

**DEPRECIATION**

At 1st July 96	222,806	1,050,471	354,613	492,559	504,544	2,624,993
Charge for year	22,545	153,941	17,152	106,146	106,700	406,484
Eliminated on disposals	-	(1,125)	-	-	-	(1,125)
At 30th June 97	<u>245,351</u>	<u>1,203,287</u>	<u>371,765</u>	<u>598,705</u>	<u>611,244</u>	<u>3,030,352</u>

**NET BOOK VALUE**

At 30th June 97	<u>703,108</u>	<u>2,546,039</u>	<u>254,449</u>	<u>631,598</u>	<u>1,218,798</u>	<u>5,353,992</u>
Work in progress						<u>1,233,498</u>
						<u>6,587,490</u>
30th June 96	<u>465,528</u>	<u>2,169,990</u>	<u>276,119</u>	<u>401,042</u>	<u>645,668</u>	<u>3,958,347</u>
Work in progress						<u>812,383</u>
						<u>4,770,730</u>

**9 UNQUOTED INVESTMENT**

The investment, which is stated at cost, is represented by shares held in Consolidated Bank of Kenya Limited. The shares were acquired in return for deposits with Jimba Credit Finance Limited, one of the finance houses under rehabilitation from insolvency by the bank.

**10 LOAN TO THE KENYA POWER COMPANY LIMITED**

3.15% Nordbanken 1990/1999  
Less: Amounts due within one year

	<b>1997 Sh'000</b>	<b>1996 Sh'000</b>
	221,912	311,641
	75,670	77,910
	<u>146,242</u>	<u>233,731</u>
	=====	=====

The loan represents the balance of on-lent loan contracted by The Kenya Power and Lighting Company Limited for the financing of the National Control Centre project owned by The Kenya Power Company Limited.

**11 STOCKS**

General stores  
Engine spares  
Fuel and oil  
Transformers  
Motor vehicle spares  
Goods in transit

	<b>1997 Sh'000</b>	<b>1996 Sh'000</b>
	1,564,032	1,338,651
	207,695	233,408
	542,187	328,392
	406,300	745,102
	47,806	50,725
	422,710	642,698
	<u>3,190,730</u>	<u>3,338,976</u>
	(268,601)	(149,549)
	<u>2,922,129</u>	<u>3,189,427</u>
	=====	=====

Less: Provision for obsolescence

**12 DEBTORS**

Electricity customers  
Rural Electrification Schemes  
Prepayments  
Others

	4,414,271	4,074,060
	634,062	379,571
	468,729	30,669
	894,209	658,600
	<u>6,411,271</u>	<u>5,142,900</u>
	=====	=====

	1997 Sh'000	1996 Sh'000
<b>13 CREDITORS</b>		
Tana River Development Company Limited	2,835,555	3,053,015
The Kenya Power Company Limited	6,428,835	5,712,488
Customers' deposits	587,813	472,922
Capital contributions	1,370,630	1,023,884
Suppliers' accounts	597,761	364,158
Others	885,831	726,286
	<u>12,706,425</u>	<u>11,352,753</u>

#### 14 BANK OVERDRAFT

The overdraft has been advanced by Standard Chartered Bank (Kenya) Limited. As security, the bank has a right of set off against deposits and current account balances held by them.

#### 15 SHARE CAPITAL

	1997		1996	
	Authorised Sh'000	Issued and fully paid Sh'000	Authorised Sh'000	Issued and fully paid Sh'000
350,000 7% cumulative preference stock units of Shs. 20 each	7,000	7,000	7,000	7,000
1,800,000 4% cumulative preference stock units of Shs. 20 each	36,000	36,000	36,000	36,000
Ordinary stock units/shares of Shs. 20 each	1,957,000	1,055,040	1,957,000	351,680
	<u>2,000,000</u>	<u>1,098,040</u>	<u>2,000,000</u>	<u>394,680</u>

#### 16 RESERVES

	Capital Sh'000	General Sh'000	Taxation equalisation Sh'000	Revenue Sh'000	Total Sh'000
At 1st July, 1996	12,304	147,480	347,000	3,018,650	3,525,434
Capitalised on bonus issue	-	-	-	(703,360)	(703,360)
Retained profit for the year	-	-	-	1,130,082	1,130,082
At 30th June, 1997	<u>12,304</u>	<u>147,480</u>	<u>347,000</u>	<u>3,445,372</u>	<u>3,952,156</u>

**17 LOANS****SECURED**14.0% Kenya National Assurance Company  
Limited 1987-1997**1997  
Sh'000****1996  
Sh'000**

-

4,400

**UNSECURED**

8.0% Kenya Government/Finnish loan 1982-1997

30

798

10.0% Kenya Government/Finnish loan 1988-2002

13,697

16,187

5.0% Kenya Government/Canadian loan 1990-2020

684,564

700,750

3.15% Nordbanken loan 1990-1999 (US.\$4,075,518)

221,912

311,641

1.65% Nordbanken loan 1990-1999 (US.\$1,251,223)

68,129

100,465

2.6% Indosuez Bank, Belgium 1991-2004 (BEF 125,525,223)

191,138

260,765

1.5% Finnish Export Credit 1990-2000 (FIM 11,854,931)

124,744

199,635

4.0% Nokia Cables Supply Credit 1990-1997 (DM 932,011)

-

35,143

8.8% J H Schroder Wagg &amp; Co Ltd 1987-1998 (Stg £494,688)

-

44,073

8.3% Stork Wartsila 1992-1998 (NLG 1,742,135)

48,628

97,694

6.125% Kenya Government/Swiss mixed credit (CHF 5168110.14  
1996-2005

190,936

-

6.125% Kenya Government/Belguim Wind power loan  
(BEF 25,000,000) 1996-2006

30,454

-

---

1,574,232

---

1,771,551

Less: amounts repayable within one year

226,876

328,582

---

---

1,347,356

---

---

1,442,969

**18 NOTES TO THE CASH FLOW STATEMENT**

(a) Reconciliation of operating profit to net cash inflow from operating activities

	1997 Sh'000	1996 Sh'000
Operating profit	1,248,825	960,553
Depreciation	406,484	335,430
Profit on disposal of fixed assets	(25,118)	(201,178)
(Increase)/decrease in stocks	267,298	(554,997)
Increase in debtors	(1,210,683)	(753,523)
Increase in creditors	1,346,899	2,246,294
Net cash inflow from operating activities	<u>2,033,705</u>	<u>2,032,579</u>

(b) Analysis of balances of cash and cash equivalents as shown in the balance sheet

Short term deposits	2,634,806	4,097,121
Bank and cash balances	1,575,794	264,539
Bank overdraft	(467,937)	(564,762)
	<u>3,742,663</u>	<u>3,796,898</u>

(c) Analysis of changes in cash and cash equivalents

Balance at the end of the year	3,742,663	3,796,898
Balance at the beginning of the year	3,796,898	2,524,411
Increase in cash and cash equivalents	<u>(54,235)</u>	<u>1,272,487</u>

## 19 DEVELOPMENT SURCHARGE

According to the terms of the financing of development projects carried out by The Kenya Power Company Limited, the company has agreed to finance part of the projects by a development surcharge. This is included in the cost of bulk supply disclosed in note 2.

	<b>1997</b> <b>Sh'000</b>	<b>1996</b> <b>Sh'000</b>
Total estimated development surcharge	8,608,522 =====	9,879,055 =====
Incurred at 1st July	7,379,646	4,703,532
Incurred during the year	1,228,876 -----	2,676,114 -----
Incurred at 30th June	8,608,522 -----	7,379,646 -----
Expected development surcharge for the next year	- =====	2,499,409 =====

## RURAL ELECTRIFICATION SCHEMES

The company has contributed Shs. 337,861,000 (1996 - Shs. 298,515,000) towards the Rural Electrification Schemes by way of a development surcharge. This is also included in the cost of bulk supply disclosed in note 2.

	<b>1997</b> <b>Sh'000</b>	<b>1996</b> <b>Sh'000</b>
<b>20 CAPITAL COMMITMENTS</b>		
Authorised but not contracted for	33,432 =====	589,083 =====
Authorised and contracted for	2,769,744	2,252,921
Less: Amount incurred and included in work in progress	(902,145) -----	(700,327) -----
	1,867,599	1,552,594
Less: Capital contributions received	(257,839) -----	(251,435) -----
	1,609,760 =====	1,301,159 =====
<b>21 CONTINGENT LIABILITIES</b>		
Bank guarantees	196,430	186,676
Claims on the company	74,153	65,269
	270,583 -----	251,945 -----

The claims relate to civil suits which have been disputed by the company. The likely outcome of the court cases is not known.



**THE KENYA POWER AND LIGHTING COMPANY LIMITED  
TEN YEAR FINANCIAL AND STATISTICAL RECORD**

FOR THE YEARS ENDED	30th June 1988	30th June 1989	30th June 1990	30th June 1991	30th June 1992
UNITS SOLD (Millions)	2,337	2,412	2,595	2,708	2,719
Average yield of units sold (cents)	104.18	109.02	111.82	141.23	167.60
	Shs'000	Shs'000	Shs'000	Shs'000	Shs'000
Revenue from sale of electricity	2,434,600	2,629,658	2,901,840	3,624,734	4,556,374
PROFIT/(LOSS) FOR THE YEAR BEFORE EXCEPTIONAL ITEM	162,067	47,772	75,300	157,673	162,191
EXCEPTIONAL ITEM	-	266,653	7,337	-	-
PROFIT/(LOSS) FOR THE YEAR BEFORE TAXATION	162,067	314,425	82,637	157,673	162,191
TAXATION	69,097	5,177	3,408	19,000	81,000
NET PROFIT/(LOSS) FOR THE YEAR AFTER TAXATION	92,970	309,248	79,229	138,673	81,191
PREFERENCE DIVIDENDS (GROSS)	(1,930)	(1,930)	(1,930)	(1,930)	(1,930)
NET PROFIT/(LOSS) ATTRIBUTABLE TO ORDINARY SHAREHOLDERS	91,040	307,318	77,299	136,743	79,261
ORDINARY DIVIDENDS (GROSS)	(22,859)	(22,859)	(22,859)	(28,134)	(28,134)
RETAINED PROFIT /(LOSS) FOR THE YEAR	68,181	284,459	54,440	108,609	51,127
FUNDS GENERATED FROM OPERATIONS					
Profit (Loss) for the year	68,181	284,459	54,440	108,609	51,127
DEPRECIATION	132,426	137,609	164,335	201,334	246,602
	200,607	422,068	218,775	309,943	297,729
CAPITAL EMPLOYED					
Fixed assets less depreciation	2,556,888	2,964,813	3,557,098	3,623,425	3,475,186
Bulk supply companies	-	-	-	335,861	307,229
Loan to Kenya Power Company Ltd	-	-	-	-	-
investments	-	-	-	-	-
Net current assets / (liabilities)	(41,506)	(170,108)	(459,116)	(246,982)	(64,651)
	2,515,382	2,794,705	3,097,982	3,712,304	3,727,764
FINANCED BY					
Ordinary shareholders' equity	1,131,645	1,416,104	1,470,544	1,579,153	1,630,280
Preference capital	43,000	43,000	43,000	43,000	43,000
Loan capital (secured)	49,670	38,503	33,730	23,444	7,600
Loan capital (unsecured)	1,214,447	1,247,271	1,527,674	2,058,676	2,042,066
Deferred liability	76,620	49,827	23,034	8,031	4,818
	2,515,382	2,794,705	3,097,982	3,712,304	3,727,764
CAPITAL EXPENDITURE	349,216	546,100	758,169	269,596	98,690
Average cost of units sold (cents)	94.7	104.96	105.12	128.46	149.30
Profit for the year before taxation as a percentage of average capital employed	6.44%	11.25%	2.67%	4.25%	4.35%
ORDINARY DIVIDEND RATES	13%	13%	16%	16%	16%
Earnings per share (Shs)	10.35	34.95	8.79	15.55	9.02
Customers/employees ratio	31.89	29.97	24.58	26.35	28.20
Sales (KWHr) per employee	304,520	288,830	240,322	248,566	249,610





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**THE KENYA POWER AND LIGHTING COMPANY LIMITED  
TEN YEAR FINANCIAL AND STATISTICAL RECORD**

30th June 1993	30th June 1994	30th June 1995	30th June 1996	30th June 1997	
2,859	2,997	3,017	3,269	3,406	FOR THE YEARS ENDED UNITS SOLD (Millions)
175.00 Sh'000	309.63 Shs'000	429.49 Shs'000	456.58 Shs'000	495.98 Shs'000	Average yield of units sold (cents)
5,001,004	9,279,744	12,957,798	14,925,761	16,893,149	Revenue from sale of electricity
(261,178)	763,136	1,499,803	1,512,042	2,160,099	PROFIT/(LOSS) FOR THE YEAR BEFORE EXCEPTIONAL ITEM
-	-	-	-	-	EXCEPTIONAL ITEM
(261,178)	763,136	1,499,803	1,512,042	2,160,099	PROFIT (LOSS) FOR THE YEAR BEFORE TAXATION
60,000	151,000	416,872	395,752	606,071	TAXATION
(321,178)	612,136	1,082,931	1,116,290	1,554,028	NET PROFIT /(LOSS) FOR YEAR YEAR AFTER TAXATION PREFERENCE DIVIDENDS (GROSS)
(1,930)	(1,930)	(1,930)	(1,930)	(1,930)	
(323,108) (28,134)	610,206 (31,651)	1,081,001 (35,160)	1,114,360 (140,672)	1,552,098 (422,016)	NET PROFIT/ (LOSS) ATTRIBUTABLE TO ORDINARY SHAREHOLDERS ORDINARY DIVIDENDS (GROSS)
(351,242)	578,555	1,046,833	973,668	1,130,082	RETAINED PROFIT (LOSS) FOR THE YEAR
(351,242) 246,562	578,555 239,858	1,045,833 203,058	973,688 335,430	1,130,082 406,484	FUNDS GENERATED FROM OPERATIONS Profit (Loss) for the year DEPRECIATION
(104,680)	818,413	1,248,891	1,309,118	1,536,566	
3,577,085	3,747,281	4,523,340	4,770,730	6,587,490	CAPITAL EMPLOYED
530,979	378,683	298,056	233,731	146,242	Fixed assets less depreciation
4,300	4,300	4,300	4,300	4,300	Bulk supply companies
(148,818)	(129,539)	(107,367)	354,322	(340,480)	Loan to KPC Ltd.
3,963,546	4,000,725	4,718,329	5,363,083	6,397,552	Investments
					Net current assets
1,279,038	1,857,593	2,903,426	3,877,114	5,007,196	FINANCED BY
43,000	43,000	43,000	43,000	43,000	Shareholder's equity
6,800	6,000	5,200	4,400	-	Preference capital
2,633,103	2,094,132	1,766,703	1,438,569	1,347,356	Loan capital (secured)
1,605	-	-	-	-	Loan capital (unsecured)
3,963,546	4,000,725	4,718,329	5,363,083	6,397,552	Deferred liability
352,819	410,642	979,782	588,611	2,223,312	CAPITAL EXPENDITURE
157.61	283.55	386.24	427.19	459.30	Average cost of units sold (cents)
(6.59%)	19.07%	34.40%	30%	67.53%	Profit for the year before taxation as a percentage of capital employed
16%	18%	20%	40%	40%	ORDINARY DIVIDEND RATES
(36.75)	69.40	122.95	21.12	29.42	Earnings per share (Shs)
31.20	34.62	41.79	48.67	57.95	Customers/employees ratio
274,067	295,096	340,366	398,999	415,639	Sales (KWHr) per employee

**TABLE 1: POWER SYSTEM OPERATION STATISTICS FOR 6 YEARS GROSS GENERATION AND CONSUMPTION OF ELECTRICITY FOR INTERCONNECTED AND ISOLATED SYSTEMS**

POWER STATION	Capacity (MW) as at 30.6.97		ENERGY(GWhr)						Avg. Annual growth over last 5 years
	Installed	Effective	91/92	92/93	93/94	94/95	95/96	96/97	
<b>HYDRO</b>									
Tana (KPC)	14.4	12.4	72	75	64	78	97	84	
Wanjii (KPC)	7.4	7.4	42	62	30	27	51	48	
Kamburu (TRDC)	91.5	84.0	402	417	421	485	491	446	
Gitaru (TRDC)	145.0	145.0	811	844	856	704	701	926	
Kindaruma (TRDC)	44.0	44.0	206	213	217	213	239	230	
K.P.&L.C.	6.2	5.4	19	24	17	22	29	24	
UEB (Imports)	30.0	0.0	240	273	264	187	149	144	
Masinga (TARDA)	40.0	40.0	185	177	180	200	225	215	
Kiambere (TARDA)	144.0	144.0	872	887	892	996	1031	1028	
Turkwel (KVDA)	106.0	106.0	166	275	371	379	299	353	
<b>TOTAL HYDRO INCLUDING IMPORTS</b>	<b>628.5</b>	<b>588.2</b>	<b>3016</b>	<b>3246</b>	<b>3312</b>	<b>3290</b>	<b>3312</b>	<b>3497</b>	<b>3.1%</b>
<b>THERMAL</b>									
Kipevu	75.5	58.0	75	59	140	218	224	200	
<b>GEOTHERMAL</b>									
Olkaria	45.0	45.0	272	272	261	290	390	393	
<b>GAS TURBINE</b>									
Fiat - Nairobi South	13.5	12.0	3	2	2	16	59	6	
JBE - Kipevu	30.0	30.0	0	0	0	31	112	168	
<b>DIESEL</b>									
Interconnected Diesel Stations									
Ruiru	1.5	1.0	3	0	0	2	2	3	
Independent Power Producers (IPP's)	11.4	11.0	-	-	-	-	-	7	
<b>WIND TURBINE</b>									
Ngong	0.4	0.4	-	-	1	1	1	1	
<b>INTERCONNECTED SYSTEM</b>	<b>805.8</b>	<b>745.6</b>	<b>3370</b>	<b>3580</b>	<b>3715</b>	<b>3848</b>	<b>4100</b>	<b>4274</b>	<b>4.9%</b>
<b>ISOLATED DIESELS</b>									
KPLC D. Stations	3.8	3.5	7	9	9	10	11	11	
REF D. Stations	5.4	4.6	9	11	8	7	8	11	
<b>TOTAL ISOLATED DIESELS</b>	<b>9.2</b>	<b>8.1</b>	<b>16</b>	<b>20</b>	<b>17</b>	<b>17</b>	<b>19</b>	<b>22</b>	<b>6.8%</b>
<b>GROSS GENERATION</b>	<b>815.0</b>	<b>753.6</b>	<b>3386</b>	<b>3599</b>	<b>3732</b>	<b>3866</b>	<b>4119</b>	<b>4296</b>	<b>4.9%</b>
<b>AUXILIARY CONSUMPTION</b>			30	29	38	45	52	44	9.3%
<b>SYSTEM LOSSES ++</b>			510	566	560	598	660	695	6.5%
<b>SALES - KPLC SYSTEM</b>			2760	2901	2997	3089	3269	3406	4.3%
<b>- REF SYSTEM</b>			85	104	138	134	138	150	12.7%
<b>TOTAL SALES</b>			<b>2846</b>	<b>3005</b>	<b>3134</b>	<b>3223</b>	<b>3407</b>	<b>3557</b>	<b>4.6%</b>
<b>SYSTEM PEAK DEMAND MW</b>			566	596	612	605	648	680	3.8%
System Load Factor			67.8%	68.6%	69.3%	72.6%	72.3%	72.1%	
Sales % of Net Generation			84.8%	84.2%	84.8%	84.4%	83.8%	83.6%	
Losses as % of Net Generation			15.2%	15.8%	15.2%	15.6%	16.2%	16.4%	
Annual growth									
- GENERATION			2.6%	6.3%	3.7%	3.6%	6.6%	4.3%	
- SALES KPLC			1.9%	5.1%	3.3%	3.1%	5.8%	4.2%	
- SALES REF			11.8%	21.6%	32.7%	-2.9%	3.1%	9.1%	

**NOTES**

\* Maximum non-simultaneous available capacity during the year.

++ Comprises technical and non-technical losses.

**TABLE 2: AREA MAXIMUM DEMAND (MW)**

AREA	91/92	92/93	93/94	94/95	95/96	96/97	Avg Annual Growth over the Last 5 years
Nairobi	277	304	327	322	345	372	6.1%
Coast	124	124	131	121	135	146	3.5%
Central Rift	43	39	43	42	47	45	1.2%
West Kenya	55	64	64	67	67	72	5.8%
Mt. Kenya	31	36	36	36	38	40	5.2%
North Rift	26	27	30	29	31	35	6.5%
<b>TOTAL SYSTEM (SIMULTANEOUS)</b>	<b>566</b>	<b>596</b>	<b>612</b>	<b>605</b>	<b>648</b>	<b>680</b>	<b>3.8%</b>
<b>% INCREASE P.A</b>	<b>.2.9%</b>	<b>5.2%</b>	<b>2.7%</b>	<b>-1.1%</b>	<b>7.2%</b>	<b>4.9%</b>	

**TABLE 3: SALE OF ELECTRICITY IN GWH, SHOWN IN DIFFERENT CATEGORIES OF CUSTOMERS**

TYPES OF CUSTOMERS COVERED BY THIS TARIFF		91/92	92/93	93/94	94/95	95/96	96/97	Avg. Annual Growth over the Last 5 yrs
A	Domestic, small Commercial and Industrial	877	927	977	1,026	1,049	1,116	4.9%
B	Commercial (Medium) and Industrial (Medium)	567	564	559	569	618	657	3.1%
C	Commercial (large) and Industrial (large)	1,198	1,281	1,326	1,356	1,491	1,536	5.1%
D	Off-peak	104	115	125	119	100	86	-3.2%
E	Street lighting	14	13	10	18	12	10	0.1%
<b>TOTAL</b>		<b>2,760</b>	<b>2,901</b>	<b>2,997</b>	<b>3,089</b>	<b>3,269</b>	<b>3,406</b>	<b>4.3%</b>
<b>% INCREASE P.A.</b>		<b>1.9%</b>	<b>5.1%</b>	<b>3.3%</b>	<b>3.1%</b>	<b>5.8%</b>	<b>4.2%</b>	

**TABLE 4: AREA TOTAL UNIT SALES (GWh)**

AREA	91/92	92/93	93/94	94/95	95/96	96/97	Avg. Annual Growth over the last 5 years
Nairobi	1,467	1,529	1,632	1,661	1,785	1,896	5.3%
Coast	616	653	622	664	718	700	2.7%
Central Rift	170	170	177	189	185	202	3.6%
West Kenya	272	296	305	303	311	325	3.6%
Mt. Kenya	110	123	126	133	130	135	4.3%
North Rift	126	130	134	139	139	149	3.4%
KPLC Sales	2,760	2,901	2,997	3,089	3,269	3,406	4.3%
R.E.F.							
Schemes	85	104	138	134	138	150	12.7%
<b>TOTAL</b>	<b>2,846</b>	<b>3,005</b>	<b>3,134</b>	<b>3,223</b>	<b>3,407</b>	<b>3,557</b>	<b>4.6%</b>
<b>% INCREASE P.A.</b>	<b>2.2%</b>	<b>5.6%</b>	<b>4.3%</b>	<b>2.8%</b>	<b>5.7%</b>	<b>4.4%</b>	

**TABLE 5: AREA SALE OF ELECTRICITY IN GWhr FOR CATEGORY "A0" DOMESTIC LOAD**

AREA	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	Avg. Annual Growth over the Last 5 Yrs
Nairobi	359	384	436	418	432	438	4.2%
Coast	98	101	93	103	134	144	8.7%
Central Rift	28	31	37	39	31	38	7.2%
West Kenya	25	27	29	29	32	34	6.3%
Mt. Kenya	20	25	28	29	28	26	6.3%
North Rift	13	14	18	19	17	18	7.3%
<b>TOTAL</b>	<b>543</b>	<b>582</b>	<b>640</b>	<b>636</b>	<b>674</b>	<b>697</b>	<b>5.2%</b>
<b>% INCREASE P.A.</b>	<b>7.0%</b>	<b>7.1%</b>	<b>10.0%</b>	<b>-0.7%</b>	<b>6.0%</b>	<b>3.4%</b>	

**TABLE 6: AREA SALE OF ELECTRICITY IN GWhr FOR CATEGORY "A1" SMALL COMMERCIAL LOAD**

AREA	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	Avg. Annual Growth over the Last 5 Yrs
Nairobi	180	175	171	191	184	213	3.7%
Coast	52	61	47	56	68	71	8.0%
Central Rift	30	33	39	36	36	39	5.9%
West Kenya	34	34	34	34	39	40	3.2%
Mt. Kenya	27	29	30	31	31	39	8.4%
North Rift	12	13	15	16	17	17	8.3%
<b>TOTAL</b>	<b>334</b>	<b>345</b>	<b>336</b>	<b>364</b>	<b>375</b>	<b>418</b>	<b>4.7%</b>
<b>% INCREASE P.A.</b>	<b>6.0%</b>	<b>3.4%</b>	<b>-2.6%</b>	<b>8.3%</b>	<b>2.6%</b>	<b>11.7%</b>	

**TABLE 7: AREA SALE OF ELECTRICITY IN GWhr FOR CATEGORY "B0" IRRIGATION LOAD**

AREA	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	Avg. Annual Growth over the Last 5 Yrs
Nairobi	36.2	30.6	39.5	27.5	32.8	35.3	2.1%
Coast	0.4	0.4	0.4	0.3	0.4	0.6	14.2%
Central Rift	14.3	14.1	13.7	9.1	8.7	8.2	-9.5%
West Kenya	1.7	1.5	1.4	1.5	1.1	1.0	-8.9%
Mt. Kenya	1.5	1.3	1.9	1.5	1.0	1.7	9.7%
North Rift	0.0	0.0	0.0	0.0	0.0	0.1	-
<b>TOTAL</b>	<b>54</b>	<b>48</b>	<b>57</b>	<b>40</b>	<b>44</b>	<b>47</b>	<b>-1.0%</b>
<b>% INCREASE P.A.</b>	<b>35.6%</b>	<b>-11.2%</b>	<b>18.7%</b>	<b>-29.9%</b>	<b>-22.6%</b>	<b>6.8%</b>	

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**TABLE 8: AREA SALE OF ELECTRICITY IN GWhr FOR CATEGORY "B1"  
MEDIUM COMMERCIAL AND INDUSTRIAL LOAD(240V or 415V)**

AREA	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	Avg. Annual Growth over the Last 5 Yrs
Nairobi	245	260	261	259	326	347	7.6%
Coast	110	106	101	106	103	103	-1.3%
Central Rift	50	46	41	45	50	56	2.8%
West Kenya	41	41	38	41	38	38	-1.1%
Mt. Kenya	20	21	22	23	22	25	5.0%
North Rift	24	25	28	25	25	27	3.0%
<b>TOTAL</b>	<b>490</b>	<b>499</b>	<b>491</b>	<b>499</b>	<b>564</b>	<b>597</b>	<b>4.1%</b>
<b>% INCREASE P.A.</b>	<b>-7.0%</b>	<b>1.8%</b>	<b>-1.5%</b>	<b>1.7%</b>	<b>13.0%</b>	<b>5.8%</b>	

**TABLE 9: AREA SALE OF ELECTRICITY IN GWhr FOR CATEGORY "B2"  
MEDIUM COMMERCIAL AND INDUSTRIAL LOAD(11 or 33KV)**

AREA	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	Avg. Annual Growth over the Last 5 Yrs
Nairobi	11.2	9.4	7.1	25.6	6.5	7.0	30.6%
Coast	1.2	1.3	1.4	2.0	1.9	5.4	49.2%
Central Rift	2.1	1.7	1.1	1.2	0.6	0.5	-23.3%
West Kenya	1.9	1.0	1.1	0.9	0.8	0.7	-16.5%
Mt. Kenya	0.0	0.0	0.0	0.0	0.0	0.0	-
North Rift	0.7	0.9	0.6	0.5	0.1	0.3	9.9%
<b>TOTAL</b>	<b>17.0</b>	<b>14.3</b>	<b>11.3</b>	<b>30.2</b>	<b>10.0</b>	<b>13.9</b>	<b>20.7%</b>
<b>% INCREASE P.A.</b>	<b>-8.0%</b>	<b>-15.9%</b>	<b>-21.3%</b>	<b>168.5%</b>	<b>-67.0%</b>	<b>39.0%</b>	

**TABLE 10: AREA SALE OF ELECTRICITY IN GWhr FOR CATEGORY "C1"  
LARGE COMMERCIAL AND INDUSTRIAL LOAD(240V or 415V)**

AREA	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	Avg. Annual Growth over the Last 5 Yrs
Nairobi	191	211	207	201	249	292	9.3%
Coast	96	111	98	109	108	109	3.0%
Central Rift	26	24	27	32	35	40	9.4%
West Kenya	44	47	48	60	53	57	6.0%
Mt. Kenya	29	33	32	39	37	32	2.9%
North Rift	20	22	20	22	18	17	-2.1%
<b>TOTAL</b>	<b>406</b>	<b>449</b>	<b>430</b>	<b>463</b>	<b>502</b>	<b>547</b>	<b>6.3%</b>
<b>% INCREASE P.A.</b>	<b>13.5%</b>	<b>10.6%</b>	<b>-4.1%</b>	<b>7.6%</b>	<b>8.4%</b>	<b>9%</b>	

**TABLE 11: AREA SALE OF ELECTRICITY IN GWhr CATEGORY "C2"  
LARGE COMMERCIAL AND INDUSTRIAL LOAD(11 OR 33KV)**

AREA	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	Avg. Annual Growth over the Last 5 Yrs
Nairobi	295	305	320	329	359	357	4.0%
Coast	221	232	239	247	261	218	0.1%
Central Rift	17	18	17	21	23	20	5.1%
West Kenya	43	50	53	52	58	58	6.0%
Mt. Kenya	10	11	10	7	8	8	-2.4%
North Rift	56	53	52	56	61	66	3.7%
<b>TOTAL</b>	<b>642</b>	<b>670</b>	<b>690</b>	<b>711</b>	<b>769</b>	<b>728</b>	<b>2.7%</b>
<b>% INCREASE P.A.</b>	<b>-3.4%</b>	<b>4.3%</b>	<b>3.0%</b>	<b>3.1%</b>	<b>8.2%</b>	<b>-5.3%</b>	

**TABLE 12: AREA SALE OF ELECTRICITY IN GWhr FOR CATEGORY "C3"  
LARGE INDUSTRIAL LOAD(66 or 132KV)**

AREA	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	Avg. Annual Growth over the Last 5 Yrs
Nairobi	45	40	67	62	93	122	26.2%
Coast	32	36	40	38	39	44	6.4%
Central Rift	0	0	0	0	0	0	-
West Kenya	79	91	99	82	87	95	4.3%
Mt. Kenya	0	0	0	0	0	0	-
North Rift	0	0	0	0	0	0	-
<b>TOTAL</b>	<b>157</b>	<b>166</b>	<b>205</b>	<b>182</b>	<b>220</b>	<b>261</b>	<b>11.6%</b>
<b>% INCREASE P.A.</b>	<b>0.7%</b>	<b>6.1%</b>	<b>23.6%</b>	<b>-11.4%</b>	<b>20.7%</b>	<b>18.8%</b>	

**TABLE 13: AREA SALE OF ELECTRICITY IN GWhr FOR CATEGORY "D0" OFF-PEAK LOAD**

AREA	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	Avg. Annual Growth over the Last 5 Yrs
Nairobi	94.9	106.0	117.9	112.2	92.4	76.9	-3.3%
Coast	3.0	3.1	1.1	1.8	2.6	3.6	16.5%
Central Rift	1.9	1.5	1.4	1.2	1.0	1.0	-11.6%
West Kenya	1.5	1.5	1.5	1.4	1.3	1.5	-0.5%
Mt. Kenya	1.9	2.2	2.0	1.5	1.6	1.9	0.8%
North Rift	1.2	0.9	1.0	0.9	0.8	1.1	-0.1%
<b>TOTAL</b>	<b>104</b>	<b>115</b>	<b>125</b>	<b>119</b>	<b>100</b>	<b>86</b>	<b>-3.2%</b>
<b>% INCREASE P.A.</b>	<b>-3.8%</b>	<b>10.4%</b>	<b>8.5%</b>	<b>-4.7%</b>	<b>-16.3%</b>		

**TABLE 14: AREA SALE OF ELECTRICITY IN GWhr FOR CATEGORY "E0" STREET LIGHTING**

AREA	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	Avg. Annual Growth over the Last 5 Yrs
Nairobi	9.5	8.7	6.5	10.2	9.5	8.3	0.8%
Coast	1.5	1.6	1.5	1.8	0.9	0.9	-5.7%
Central Rift	0.7	0.8	1.1	4.4	0.3	-0.8	-19.1%
West Kenya	0.9	0.7	0.6	1.0	0.5	0.4	-5.9%
Mt. Kenya	0.8	0.6	0.4	0.6	0.7	0.7	1.0%
North Rift	0.4	0.5	0.4	0.4	0.6	0.7	13.5%
<b>TOTAL</b>	<b>13.7</b>	<b>12.9</b>	<b>10.5</b>	<b>18.5</b>	<b>12.4</b>	<b>10.2</b>	<b>0.1%</b>
<b>% INCREASE P.A.</b>	<b>-2.8%</b>	<b>-6.2%</b>	<b>-18.8%</b>	<b>76.4%</b>	<b>-33.0%</b>	<b>-17.9%</b>	

**TABLE 15: AREA REF UNITS SALES ('000 KWHrs)**

AREA	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	Avg. Annual Growth over the Last 5 Yrs
Nairobi	19,630	23,453	36,099	25,330	33,941	36,244	16.9%
Coast	3,622	4,957	12,499	12,895	6,133	16,503	61.8%
Central Rift	9,008	14,487	19,947	19,967	21,196	22,199	21.9%
West Kenya	20,871	26,767	31,833	36,219	36,477	34,898	11.5%
Mt. Kenya	15,206	17,217	18,401	20,589	22,283	16,796	3.1%
North Rift	16,750	16,887	18,933	18,710	17,819	23,592	7.9%
<b>TOTAL</b>	<b>85,088</b>	<b>103,768</b>	<b>137,712</b>	<b>133,711</b>	<b>137,848</b>	<b>150,233</b>	<b>12.8%</b>
<b>% INCREASE P.A.</b>	<b>11.5%</b>	<b>22.0%</b>	<b>32.7%</b>	<b>-2.9%</b>	<b>3.1%</b>	<b>9.0%</b>	

**TABLE 16: AREA TOTAL NUMBER OF CUSTOMERS AS AT 30TH JUNE**

AREA	1992	1993	1994	1995	1996	1997	Avg. Annual Growth over the Last 5 Yrs
Nairobi	153,334	161,929	169,422	178,802	196,414	206,891	6.2%
Coast	51,872	53,844	56,362	58,481	61,933	63,656	4.2%
Central Rift	19,729	21,596	23,249	24,687	26,813	27,796	7.1%
West Kenya	23,118	24,689	26,508	27,607	29,772	30,985	6.0%
Mt. Kenya	20,113	21,718	23,632	24,796	27,145	28,256	7.1%
North Rift	9,456	10,744	11,743	12,365	13,295	13,673	7.7%
KPLC Customers	277,622	294,520	310,916	326,738	355,372	371,258	6.0%
R.E.F. Customers	29,513	34,561	40,731	43,718	51,151	55,242	13.5%
<b>TOTAL</b>	<b>307,135</b>	<b>329,081</b>	<b>351,647</b>	<b>370,456</b>	<b>406,523</b>	<b>426,500</b>	<b>6.8%</b>
<b>% INCREASE P.A.</b>	<b>7.0%</b>	<b>7.1%</b>	<b>6.9%</b>	<b>5.3%</b>	<b>9.7%</b>	<b>4.9%</b>	

**TABLE 17: NUMBER OF CUSTOMERS IN TERMS OF TARIFF CATEGORY**

TARIFF	MAIN TYPE OF CUSTOMERS COVERED BY THIS TARIFF	AS AT 30TH JUNE					1997	Avg. Annual Growth over the Last 5 Yrs
		1992	1993	1994	1995	1996		
A0 only	Domestic KPLC	189,623	201,352	213,531	226,228	244,708	256,535	8.2%
	REF	17,200	19,975	23,258	25,200	29,151	31,715	13.1%
A0 & D0	Domestic KPLC	32,953	34,739	35,360	34,628	35,264	35,991	1.8%
	REF	40	62	68	60	67	62	11.4%
A1 only	Small Commercial KPLC	47,049	50,724	54,154	57,698	67,083	70,129	8.4%
	REF	12,045	14,258	17,130	18,196	21,627	23,133	14.1%
A1 & D0	Small Commercial KPLC	3,811	3,226	3,314	3,281	3,186	3,744	0.2%
	REF	120	117	123	120	131	149	4.6%
B0	Irrigation Load KPLC	311	311	332	352	380	389	4.6%
	REF	14	16	20	27	34	36	21.2%
B1	Medium Commercial and Industrial KPLC	1,773	1,842	1,871	1,977	2,073	2,126	3.7%
	REF	68	102	100	91	111	113	12.6%
B2	Medium Commercial and Industrial KPLC	20	21	21	21	19	20	0.1%
C1	Large Commercial KPLC	234	250	277	324	279	284	4.5%
	REF	6	11	10	9	11	12	
C2	Large Commercial and Industrial KPLC	104	107	113	137	111	117	3.2%
	REF	2	2	1	1	0	0	0.0%
C3	Large Commercial and Industrial KPLC	11	10	14	19	17	17	11.2%
	REF	0	1	0	0	0	0	0.0%
D0 only	Off-peak KPLC	1,630	1,829	1,817	1,963	2,121	1,776	2.3%
	REF	11	10	13	9	10	12	
E0	Street lighting KPLC	103	109	112	112	131	134	5.6%
	REF	7	7	8	5	9	10	13.6%
	TOTAL (KPLC)	277,622	294,520	310,916	326,738	355,372	371,258	6.0%
	TOTAL (R.E.F.)	29,513	34,561	40,731	43,718	51,151	55,242	13.5%
	<b>GROSS TOTAL</b>	<b>307,135</b>	<b>329,081</b>	<b>351,647</b>	<b>370,456</b>	<b>406,523</b>	<b>426,500</b>	<b>6.8%</b>
	<b>% INCREASE P.A.</b>	<b>7.0%</b>	<b>7.1%</b>	<b>6.9%</b>	<b>5.3%</b>	<b>9.7%</b>	<b>4.9%</b>	



**TABLE 18: REVENUE (SHS' MILLION) IN CATEGORY OF CUSTOMERS**

TARIFF	MAIN TYPE OF CUSTOMERS COVERED BY THIS TARIFF	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	Average Annual Growth over the Last 5 Yrs
A	Domestic, small commercial and small industrial	1,503	1,629	2,881	3,999	4,264	5,948	34.0%
B	Commercial and industrial (medium)	1,014	1,123	2,064	2,879	3,102	3,422	30.4%
C	Commercial (large) Industrial (large)	1,851	2,055	3,894	5,626	6,300	6,557	32.2%
D	Off-peak	158	166	392	353	386	331	25.3%
E	Street Lighting	25	24	37	87	48	50	28.9%
	<b>SUB-TOTAL</b>	<b>4,550</b>	<b>4,997</b>	<b>9,268</b>	<b>12,944</b>	<b>14,100</b>	<b>16,308</b>	<b>31.9%</b>
	<b>OTHERS</b>	<b>6</b>	<b>4</b>	<b>12</b>	<b>14</b>	<b>825</b>	<b>585</b>	<b>1,175.6%</b>
	<b>TOTAL (KPLC)</b>	<b>4,556</b>	<b>5,001</b>	<b>9,280</b>	<b>12,958</b>	<b>14,926</b>	<b>16,893</b>	<b>32.7%</b>
	<b>R.E.F.</b>	<b>138</b>	<b>194</b>	<b>410</b>	<b>613</b>	<b>773</b>	<b>1,175</b>	<b>55.9%</b>
	<b>GROSS TOTAL</b>	<b>4,694</b>	<b>5,195</b>	<b>9,690</b>	<b>13,571</b>	<b>15,699</b>	<b>18,068</b>	<b>33.6%</b>
	<b>%INCREASE P.A.</b>	<b>19%</b>	<b>11%</b>	<b>87%</b>	<b>43%</b>	<b>16%</b>	<b>15.1%</b>	<b>28.9%</b>

**TABLE 19: STAFF ANALYSIS**

CATEGORY OF STAFF	AS AT 30TH JUNE						Avg. Annual Growth over the Last 5 Years
	1992	1993	1994	1995	1996	1997	
<b>Nationality</b>							
Citizen	10,857	10,569	10,180	8,862	8,192	8,278	-5.2%
Non Citizen	23	16	6	2	1	1	-41.9%
<b>Total</b>	<b>10,880</b>	<b>10,585</b>	<b>10,186</b>	<b>8,864</b>	<b>8,193</b>	<b>8,279</b>	<b>-5.2%</b>
<b>% INCREASE P.A.</b>	<b>-0.1%</b>	<b>-2.7%</b>	<b>-3.8%</b>	<b>-13.0%</b>	<b>-7.6%</b>	<b>1.0%</b>	
<b>Sex</b>							
Male	9,764	9,471	9,092	7,830	7,183	7,212	-5.7%
Female	1,116	1,114	1,094	1,034	1,010	1,067	-0.8%
<b>Ratio- Male/Female</b>	<b>9</b>	<b>9</b>	<b>8</b>	<b>8</b>	<b>7</b>	<b>7</b>	
<b>Job</b>							
Technical	4,162	3,864	3,803	3,415	3,342	4,744	4.2%
<b>% of total staff</b>	<b>38.3%</b>	<b>36.5%</b>	<b>37.3%</b>	<b>38.5%</b>	<b>40.8%</b>	<b>57.3%</b>	
Non Technical	6,718	6,721	6,383	5,449	4,851	3,535	-11.5%
<b>% of total staff</b>	<b>61.7%</b>	<b>63.5%</b>	<b>62.7%</b>	<b>61.5%</b>	<b>59.2%</b>	<b>42.7%</b>	

**TABLE 20: TRANSMISSION AND DISTRIBUTION LINES: CIRCUIT LENGTH (KMS)**

VOLTAGE	AS AT 30TH JUNE						Avg. Annual Growth over the Last 5 Yrs
	1992	1993	1994	1995	1996	1997	
220 kV	877	877	877	877	877	877	
132 kV	1,980	1,980	1,980	1,980	1,980	1,997	
66 kV	451	451	573	573	573	574	
40 kV	126	126	126	126	126	126	
33 kV	3,451	3,583	3,686	3,876	3,969	4,094	
11 kV	8,309	8,613	8,838	9,250	9,372	9,616	
<b>TOTAL</b>	<b>15,194</b>	<b>15,630</b>	<b>16,080</b>	<b>16,682</b>	<b>16,897</b>	<b>17,284</b>	
<b>% INCREASE P.A.</b>	<b>3.8%</b>	<b>2.9%</b>	<b>2.9%</b>	<b>3.7%</b>	<b>1.3%</b>	<b>2.3%</b>	

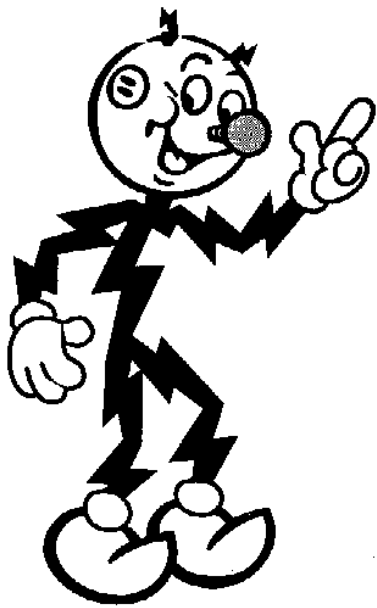
**TABLE 21: TRANSFORMERS IN SERVICE: TOTAL INSTALLED CAPACITY IN MVA**

	AS AT 30TH JUNE						Avg. Annual Growth over the Last 5 Yrs	
	1992	1993	1994	1995	1996	1997		
<b>Generation S/Stns</b>								
11/220kV	288	288	288	288	288	288		
11/132kV	417	417	417	417	417	417		
11/66kV	30	30	30	30	30	30		
11/33kV	217	217	217	217	217	217		
11/40kV	5	5	5	5	5	5		
3.3/11/40kV	8	8	8	8	8	8		
3.3/40kV	4	4	4	4	4	4		
3.3/33kV	4	4	4	4	4	4		
132/220kV	690	690	690	690	690	690		
<b>TOTAL</b>	<b>1,663</b>	<b>1,663</b>	<b>1,663</b>	<b>1,663</b>	<b>1,663</b>	<b>1,663</b>		<b>0.0%</b>
<b>Distribution S/Stns</b>								
220/132kV	580	580	580	580	580	580		
220/66kV	180	180	180	180	180	180		
132/66kV	330	330	330	330	330	330		
132/33kV	349	372	415	415	415	498		
66/11kV	470	470	470	516	516	562		
66/40kV	15	15	15	15	15	15		
40/11kV	23.5	23.5	24	24	24	24		
33/11kV	392	400	400	400	400	410		
<b>TOTAL</b>	<b>2,340</b>	<b>2,371</b>	<b>2,414</b>	<b>2,460</b>	<b>2,460</b>	<b>2,599</b>	<b>2.1%</b>	
<b>Distribution TXS</b>								
11/0.415kV and 33/0.415kV	1,557	1,615	1,686	1,749	1,809	1,883		



## PRINCIPAL AREAS OF SUPPLY

ATHI RIVER	KIGUMO	MTITO ANDEI
AWENDO	KIHARU	MUKURWEINI
BARINGO	KILGORIS	MUMIAS
BONDO	KILIFI	MURANG'A
BUMALA	KILOME	MWINGI
BUNGOMA	KINANGO	NAIRAGE NKARE
BURA	KIRITIRI	NAIROBI
BUSIA	KISII	NAIVASHA
BUTERE	KISUMU	NAKURU
CHEPKORIO	KITALE	NANDI HILLS
CHERANGANI	KITENGELA	NANYUKI
CHOGORIA	KITUI	NAROK
EGOJI	KENYALINE	NARUMORO
ELBURGON	KUTUS	NGONG
ELDAMA RAVINE	KWALE	NJORO
ELDORET	LAMU	NKUBU
ELGEYO MARAKWET	LARI	NYAHURURU
EMALI	LIMURU	NYERI
EMBU	LODWAR	OL-KALOU
ENDARASHA	LONDIANI	OLENGURUONI
ENGINEER (KINANGOP	LURAMBI	OLOITOKITOK
GARISSA	MACALDER	OTHAYA
GILGIL	MACHAKOS	OYUGIS
GITHUNGURI	MAGUMU	RABAI
HAKATI	MALABA	RIBE
HAMISI	MALAKISI	RONGAI
HOMABAY	MALINDI	RUIRU
ISHIARA	MAMBRUI	RUMURUTI
ISIOLO	MANDERA	RUNYENJES
ITEN	MARALAL	SAGANA
KABARNET	MARIAKANI	SEGA
KABARTONJO	MARIGAT	SIAKAGO
KIBIRICHIA	MARSABIT	SIAYA
KAJIADO	MASENO	SONDU
KAKAMEGA	MASII	SOTIK
KALAMBA	MASINGA	SULTAN HAMUD
KALOENI	MATERI	TAMBACH
KANDARA	MATUNDA	TAVETA
KANGUNDO-TALA	MATUU	TENGES
KANYAKIINE	MAUA	THIKA
KAPENGURIA	MAZERAS	TIMAU
KAPSABET	MERU	UGUNJA
KAPSOKWANY	MIGORI	UKWALA
KAPSOWAR	MITUNGUU	VIHIGA
KARATI	MOGOTIO	VOI
KARATINA	MOI'S BRIDGE	WAJIR



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