

AND ACCOUNTS FOR THE YEAR ENDED 30 JUNE 2000

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THE KENYA POWER AND LIGHTING COMPANY LIMITED

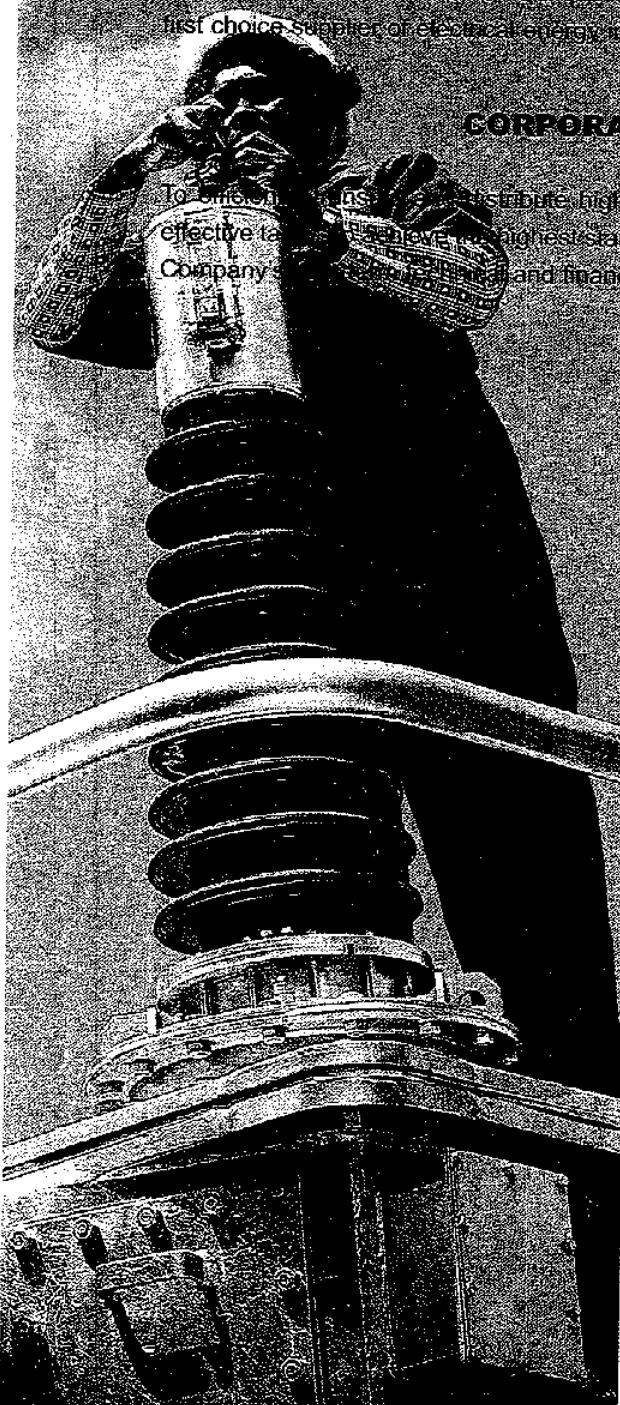
# **VISION AND MISSION STATEMENTS**

## **CORPORATE VISION**

To achieve world class status as a quality service business enterprise so as to be the best choice supplier of electrical energy in a competitive environment.

## **CORPORATE MISSION**

To efficiently and cost effectively supply high quality electricity throughout Kenya at cost effective rates; to achieve the highest standards of customer service; and to ensure the Company's long term social and financial viability.



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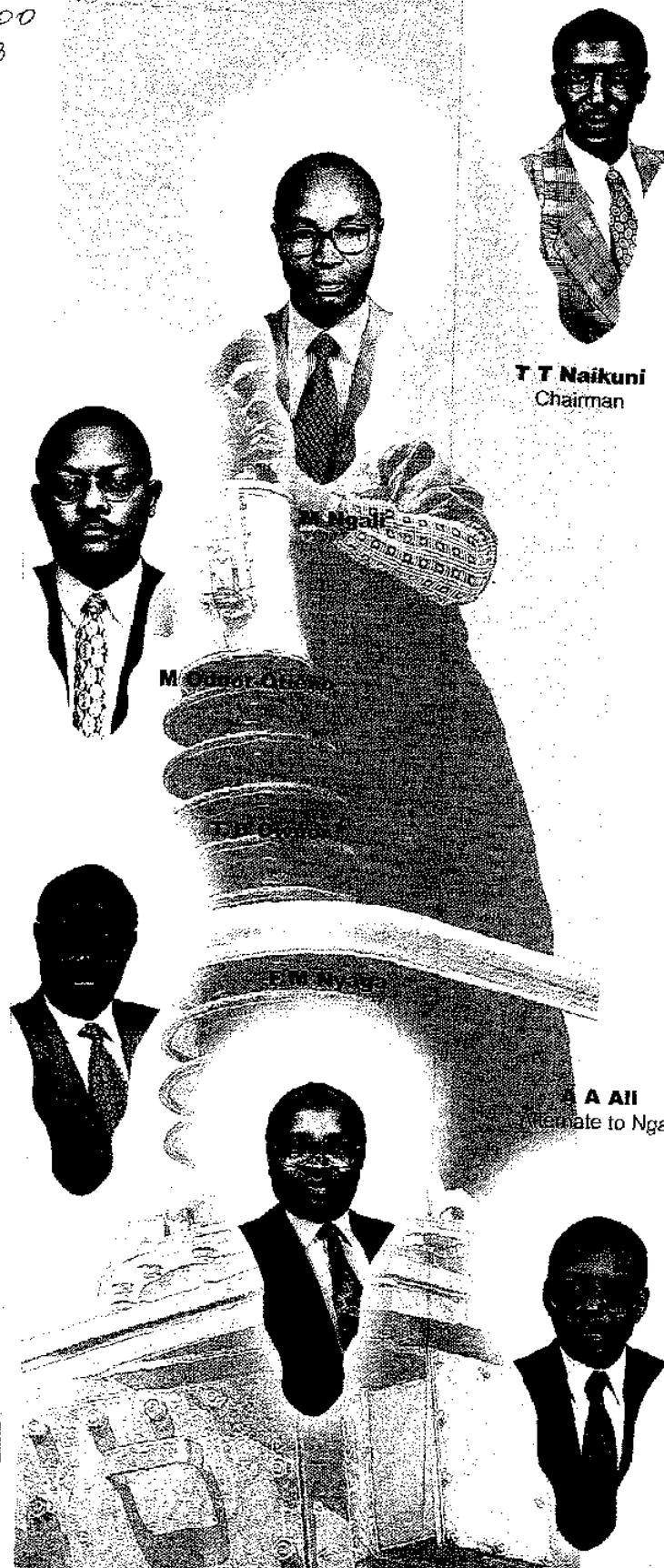


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## DIRECTORS

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9685  
A44  
KA67  
2000  
C3

1 Kenya Power & Lighting Company -Kenya  
2 Electric Utilities -Kenya - Periodic



**T T Naikuni**  
Chairman

**S K Gichuru**  
Managing Director

**S O J Ambundo**

**Z N Kahura**

**K Mbathi**  
Alternate to Oduor-Otiemo

**A A Ali**  
Alternate to Ngali

2007/0989

# CORPORATE INFORMATION



## Directors

T T Nalungi  
S K Gichuru, EBS, MBS  
M Oduor-Otieno  
M Ngali  
S O J Ambundo  
T D Owuor, MBS, OGW  
Z N Kahura  
F M Nyaga  
K Mbathi  
A A Ali

Chairman  
Managing Director

**CMA - LIBRARY**

Alternate to M Oduor-Otieno  
Alternate to M Ngali

## Secretary

J N Kimani

## Registration Office

Sirima Plaza  
Kolobet Road  
P O Box 30099  
Nairobi

## Bankers

Standard Chartered Bank Kenya Limited  
Harambee Avenue  
P O Box 30003  
Nairobi

Kenya Commercial Bank Limited  
10 Avenue  
P O Box 48400

Co-operative Bank of Kenya Limited  
Sirima Plaza  
P O Box 48231

Mombasa BRO Bank NV  
Mombasa Road  
P O Box 262

## Auditors

PwC P.O. Box 92  
Nairobi

# MANAGEMENT

## **Managing Director**

Samuel K Gichuru, CPS (K), EBS, MBS

## **Deputy Managing Director**

Lawrence Keitany, B.Sc. (Eng.), R. Eng., C. Eng., FIEE

## **Personal Assistant to Managing Director and Chief Manager, Information Technology**

Johnson Ole Nchoe, B.Sc.(Eng.) (Hons.), R. Eng., MIEK

## **Company Secretary**

Justin N Kimani, CPS (K)

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

Bilha W Nderitu, BA (Hons.)

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

Julius Mwaura, B.Sc. (Eng.) (Hons.), R. Eng., E. Eng., MIEE, MIEK

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

Joseph Bett, HND

## **Chief Manager, Energy Transmission**

Walter Odoro, B.Sc. (Eng.), MIEK

## **Chief Manager, Finance**

Zachariah Ongori, CPS (K)

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

Joab Jelagat, B.Sc. (Eng.), E. Eng., MIEE

## **Chief Manager, Projects Development & Corporate Planning**

M A Gupta, B.E, MIE

## **Chief Manager, Customer Service**

Benson Mwangi

## **Chief Manager, Rural Electrification**

Roseline Ongoro, B.Sc. (Eng.)

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

Cyrus Njungu, B.Sc. (Eng.), B.Sc. Econ.

## **Corporate Planning Manager**

David Mwangi, B.Sc. (Eng.) (Hons.), M. Eng., MIEK

## **Communication Manager**

Peter Ongoro, B.Sc. (Eng.), PGD Journalism

# NOTICE OF ANNUAL GENERAL MEETING

**NOTICE IS HEREBY GIVEN** that the Seventy-Ninth Annual General Meeting of members will be held at the Head Office of the Company, Stima Plaza, Kolobet Road, Parklands, Nairobi on Friday the 22nd December, 2000 at 12.00 noon to transact the following business:

## Ordinary Business

1. To read the Notice convening the meeting.
2. To receive and consider the Company's audited financial statements for the year ended 30th June 2000 together with the Chairman's, Directors' and Auditors' reports thereon.
3. To declare the interim dividend of 10% (Kshs 2 per share) payable 1st January 2001 and to note that the Directors do not recommend the payment of a final dividend for the year.
4. To authorise the Board to fix the remuneration of the Auditors.
5. To elect Directors:
  - (i) Mr T T Kimani, aged 52 years, having been re-elected with Reference to the resolution of the previous AGM, to stand for re-election.
  - (ii) Mr S G Ongoro, aged 71 years, Special Auditor, having been elected by the shareholders of the Company as a Director, to stand for election, aged 71 years, having been received by the shareholders, offers himself for re-election.

## Special Business

To consider and, if thought fit, to pass the following resolution to amend the Articles of Association of the Company pursuant to Section 130A of the Companies Act, 1990 (Cap 206):

That the Articles of Association of the Company be amended by inserting a new Article 130A after Article 130 to read as follows:

"130A. Any Director or Alternate Director shall be treated as present in person at a meeting of the Directors or any committee of the Directors if they are in communication with the meeting by telephone conference, video or other communication equipment permitting those attending to properly identify and hear one another. Directors or Alternate Directors taking part in a meeting by such communication equipment shall be counted in the quorum of the meeting and shall be entitled to vote at it. A meeting of the Directors or of a committee to which this Article applies shall be deemed to take place where the majority of those participating are assembled or, if there is no majority, at the place where the Chairman of the meeting is present."

**Dated the 27th day of November 2000**

**By Order of the Board**

**J N Kimani**

**Company Secretary**

## Note:

A member entitled to attend and vote may appoint a proxy to attend and vote for him on his behalf. Such proxy need not be a member of the Company. A form of proxy is enclosed and, to be valid, must be deposited at the Registered Office of the Company or posted in good time to be received not less than 48 hours before the appointed time of the meeting (i.e. not later than 12.00 noon on Wednesday, 20th December, 2000).

# ILANI YA MKUTANO

**ILANI INATOLEWA** kwamba mkutano wa 79 wa kila mwaka wa wanachama unaanayika katika makao makuu ya Kampuni ya taliyoko Stima Plaza, Kolobet Road, Parklands, Nairobi mnamo jumaa tarehe 22 Disemba, 2000 saa sita mchana kutekeleza shughuli zifuatazo.

## Shughuli za Kawaida

1. Kusoma agizo la kuitisha mkutano.
2. Kupokea, kufikiria na kuidhinisha taarifa ya fedha iliyokaguliwa ya mwaka uliomalizika tarehe 30 Juni, 2000 namoja na ripoti za Mwenyekiti Wakurugenzi.
3. Kuidhinisha mafundisho wa Kawaida wa asilia mia 10/10/2000 kwa kujulishwa tarehe 15 Mei, 2000 na pia kujulishwa kwamba Wakurugenzi hewapendekesi malipo ya mifano wa taarifa kwa nafasi huo.
4. Kusoma agizo la kuitisha mkutano na mafundisho wa Kawaida wa asilia mia 10/10/2000 kwa kujulishwa tarehe 15 Mei, 2000 na pia kujulishwa kwamba Wakurugenzi hewapendekesi malipo ya mifano wa taarifa kwa nafasi huo.
5. Kuchagua mafundisho wa Kawaida wa asilia mia 10/10/2000 kwa kujulishwa tarehe 15 Mei, 2000 na pia kujulishwa kwamba Wakurugenzi hewapendekesi malipo ya mifano wa taarifa kwa nafasi huo.
- (I) Bw. T P O'Neil, Kifuruhusu wa kujulishwa na Kifuruhusu wa kujulishwa na mafundisho wa Kawaida wa asilia mia 10/10/2000 kwa kujulishwa tarehe 15 Mei, 2000 na pia kujulishwa kwamba Wakurugenzi hewapendekesi malipo ya mifano wa taarifa kwa nafasi huo.
- (II) Bw. S O'Neil, Kifuruhusu wa kujulishwa na mafundisho wa Kawaida wa asilia mia 10/10/2000 kwa kujulishwa tarehe 15 Mei, 2000 na pia kujulishwa kwamba Wakurugenzi hewapendekesi malipo ya mifano wa taarifa kwa nafasi huo.

## Shughuli Magnum

Kutafakari na ikonolewia unenatalishwa kama azimio madum iwa mujibu wa Sheria za Makao ya Kampuni (Kifungo 186).

Kwamba vifungu vya sheria za makao ya Kampuni vibadilishwe kwa na kuweka kifungo 186(5) ya Sheria za makao ya Kampuni (Kifungo 130 kikiwa na mafundisho wa Kawaida wa asilia mia 10/10/2000 kwa kujulishwa tarehe 15 Mei, 2000 na pia kujulishwa kwamba Wakurugenzi hewapendekesi malipo ya mifano wa taarifa kwa nafasi huo).

\* J.30/A - Mikurugenzi - 2000 - 10/10/2000 - 15/05/2000 - Mkurugenzi

kubadilishana nafasi kwa zamani na Mkurugenzi mwenzake atachukuliwa kwamba ameshiriki binafsi kwenye mkutano wa Wakurugenzi au kamati yoyote ya Wakurugenzi iwapo watawasiliana na mkutano huo kwa njia ya simu, video au kwa mawasiliano yoyote ambayo yataruhusu wale wanaohudhuria kutambuana na kusikilizana. Wakurugenzi au Wakurugenzi wa kubadilishana nafasi kwa zamani ambao watashiriki katika mkutano huu kwa njia hili ya mawasiliano watahesabiwa kwamba wako kwenye mkutano na watakuwa na uwezo wa kupiga kura.

Mkutano wa Wakurugenzi au ule wa Kamati ambao unaafikiana na kifungu hiki utachukuliwa umefanyika pahali wengi wa wale wanaohudhuria watakusanyika au, kama hakuna pahali walio wengi, pahali ambapo Mwenyekiti wa mkutano atakuwako."

**Tarehe 27 Novemba 2000**

**Kwa Amri ya Wakurugenzi**

**J N Kimani**

**KATIBU WA KAMPUNI**

## ILANI:

Mwanachama anayekubaliwa kushiriki na kupiga kura katika mkutano huu anaruhusiwa kuchagua mwakilishi ambaye atapiga kura kwa niaba yake. Mwakilishi si lazima awe mwanachama wa Kampuni. Fomu ya uwakilishi imo ndani ya kijitabu hiki. Ili kukubalika, fomu ya uwakilishi lazima iwe imejazwa na kuletwa kwenye ofisi zilizoandikishwa za Kampuni, au kutumwa kwa njia ya posta kwa wakati ufaao ili kufika hapo masaa 48 kabla ya mkutano kuanza (yaani kabla ya saa sita mchana, Jumatano tarehe 20 Disemba 2000).

# CHAIRMAN'S REVIEW

## GENERAL OVERVIEW

Your Company experienced unique challenges during the year, which had a significant adverse impact on the trading performance.

The drought that has ravaged the country for more than two years, and which is the worst in 50 years, led to the highest power generation shortfall ever. This forced the Company to institute power rationing to an unprecedented extent. At the same time, the national economy remained in a depressed state with the GDP growth declining to a projected 0.5% in 2000 compared to 1.8% and 1.4% in 1998 and 1999 respectively. These two factors contributed to a drastic reduction in the projected sales revenue from operations to Shs.4,957 million.

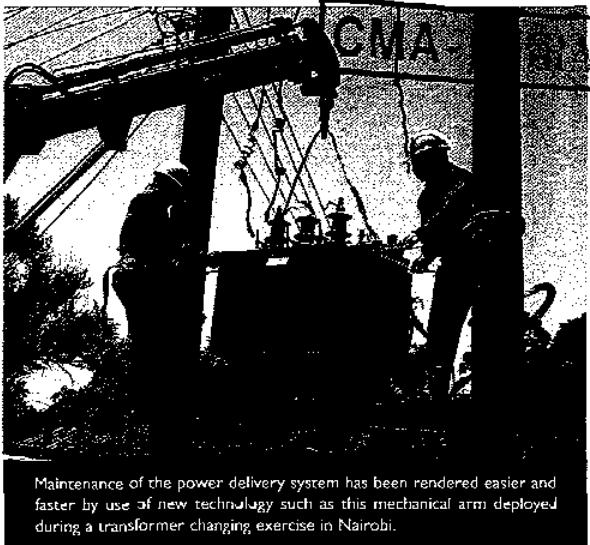
On the other hand, operating expenditure increased substantially as a result of the combined effects of an increase in the tariff rates, bulk purchases from The Kenya Electricity Generating Company (KenGen) Ltd. and the increased generation from coal-based plant. Consequently, the total operating expenditure amounted to Shs.23,564 million, up from Shs.18,052 million, a expenditure of Shs.27,016 million was incurred in fuel costs, Shs.704 million in interest on long-term debt and an exceptional item of Shs.1,422 million was incurred to make a loss of Shs.1,422 million.

## FINANCIAL PERFORMANCE

### Operating Revenue

During the year, the Company recorded sales of Shs.18,422 million compared to Shs.19,422 million recorded in the previous year. These sales represent a reduction of Shs.1,000 million or 5.2% compared to Shs.18,422 million the previous year. However, this was below the projected trading revenue of Shs.4,957 million comprising Shs.1,422 million due to reduced sales of about 235 GWh, Shs.2,122 million due to reduced tariff yield<sup>1</sup>, and Shs.1,422 million due to Shs.1,422 million from compensated losses on higher transmission losses arising from higher bulk sales over long distances due to rationing.

<sup>1</sup>The average revenue per unit is



Maintenance of the power delivery system has been rendered easier and faster by use of new technology such as this mechanical arm deployed during a transformer changing exercise in Nairobi.

The non-fuel revenue increased to Shs.16,670 million from Shs.15,513 million the previous year. This was a marginal increase of 7% compared to an average tariff increase of 18% effected in August 1999.

Revenue from fuel cost recovery, which is a pass-through cost and does not constitute income to the Company, increased by 137% from Shs.2,910 million the previous year to Shs.6,894 million. This excluded an amount of Shs.682 million that was not realised because of higher system losses. The increase is attributable to the combined effect of a rise in the volume of fuel used in thermal generation owing to the reduced hydro generation, as well as a record increase in the price of fuel.

Overall, the cost of operations rose by 63% to Shs.27,016 million from Shs.16,521 million the previous year. The increase is mainly attributable to an increase of Shs.5,669 million in the cost of bulk purchases from KenGen and an increase of Shs.4,428 million in fuel costs. The cost of the bulk purchases is based on a price under an Interim Power Purchase Agreement (IPPA) entered into with your Company in August 1999. The cost of bulk purchases from KenGen was previously based on the Ascertained Cost Formula. The Directors propose to appeal to the Electricity Regulatory Board (ERB) for a review of the tariffs.

## CHAIRMAN'S REVIEW *Continued*



An agreement entered into between the Company and the International Finance Corporation paved way for financial closure of the Kipevu II Power Project. Mr. Saleem Karimjee (second left) from IFC and Mr. Gichuru exchange the signed documents.

### Exceptional Item

Arising from the restructure of the power sub-sector under the Kenya Energy Sector Reforms Programme, the Company realised a profit on the asset transfer of Shs.1.7 billion assets to KPLC which was classified as an exceptional item in the annual statement.

### Taxation

The Company has paid Income Tax in the current year as required. The income statement shows Shs.1.9 million compared to Shs.1.7 million in the previous year. The tax loss carry forward which is mainly attributable to the tax losses carried forward for offset against future taxable profits, this means that the Company's tax rate for the next few years will be relatively low.

Value Added Tax (VAT) yielded Shs.3.4 billion in the current year compared to Shs.3.1 billion in the previous year. VAT decreased from Shs.3.4 billion in 1998/99 to Shs.3.0 billion in 1999/2000. Customs Duty and VAT on imported goods declined from Shs.466 million the previous year to Shs.245 million.

### Dividends

An interest of 10% on preference shares (per share) was paid in May 2000. This brought the Shs.158 million company's Shs.297 million (the previous year) preference dividend

amounting to Shs.1.9 million were paid on the due dates. Due to the unfavourable trading results, the Directors have resolved not to recommend payment of a further dividend for the year.

The dividends paid to the Government amounted to Shs.64.8 million. This, together with taxes brought the Company's direct contribution to the Exchequer to Shs.4,567 million during the year compared to Shs.3,758 million in 1998/99.

The after tax loss for the year after dividends was, therefore, Shs.1,768 million compared to a profit of Shs.670 million the previous year.

## RESTRUCTURING OF THE POWER SUB-SECTOR

### Transfer of Assets

Last year, I reported that the interim asset transfer position as at 30th June 1997 was being updated to 30th June 1999. I am glad to report that this was done in consultation with Messrs. PriceWaterhouseCoopers of the United Kingdom and other stakeholders. As a result, assets worth Shs.3,247 million and Shs.2,905 million were transferred to KPLC and KenGen, respectively. The net transfer value of Shs.342 million to KPLC has been effected and is reflected in the annual accounts.

### Business Reorganisation

The Government and the Board of Directors have taken steps to right-size and restructure your Company in order to improve its operations and financial management with a view to cutting down costs. In this respect, a Restructuring Task Force to coordinate the exercise was appointed in October 2000.

Messrs. PriceWaterhouseCoopers, who had previously been appointed by the Board to undertake a study of the organisational and management structure, have been asked to review the study and make recommendations for implementation. At the time of going to press, a financial consultant was in the process of being appointed

## CHAIRMAN'S REVIEW *Continued*

to review the financial structure of the Company. The consultants are expected to submit their reports by January 31st, 2001.

### Privatisation of the Power Industry

The process of privatisation of the power sector has also begun. As a first step, the Government will engage a power consultant to review the sector and to make recommendations on the appropriate models for electricity transmission and distribution. It is expected that the consultant will have been engaged by January 31st, 2001 and the review is expected to be complete by May 31st, 2001. The recommendations will then be presented to the Government.

Any proposed changes, requiring shareholders' approval will be presented to a General Meeting.

### Tariff Study

In August 1999, the Electricity Regulatory Board (ERB) approved a single rate tariff application made by your Company for the same year. Among other things, it called for the introduction of medium and large consumers and small consumers. However, as these consumers were not yet ready to take advantage of the new rates, and given the ongoing schedule, ERB suspended the implementation and approved single rate tariffs effective from 29th May, 2000.

### CORE BUSINESS ACTIVITIES

#### TRANSMISSION AND DISTRIBUTION

##### Network Improvement

During the year under review, projects on the transmission and distribution network focused mainly on improvement of quality and reliability of power supply, especially in load growth areas. Various projects implemented countrywide at a total cost of Shs 600 billion reduced voltage fluctuations and supply interruptions on the power delivery system. These involved upgrading the low voltage supply network, maintenance of distribution transformers

and wayleaves traces, replacement of old poles and installation of capacitor banks.

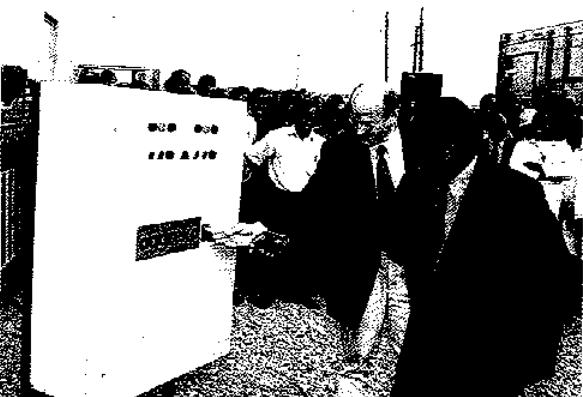
In Nairobi Area, network reinforcement included upgrading of key substations at Kileleshwa, Kitisuru and Parklands, and voltage improvement within densely populated suburbs. At the Coast, major projects included re-routing of power lines from Rabai to create room for the ongoing construction of the Kipevu/Rabai transmission line. A high voltage 132/33 kV transformer was also installed at Rabai and a new line constructed from Mbaraki to Likoni.

Other system reinforcement work was also carried out in the North Rift, Central Rift and Mount Kenya Areas to improve quality of power supply mainly to the agricultural and manufacturing sectors.

### TRANSMISSION DEVELOPMENTS

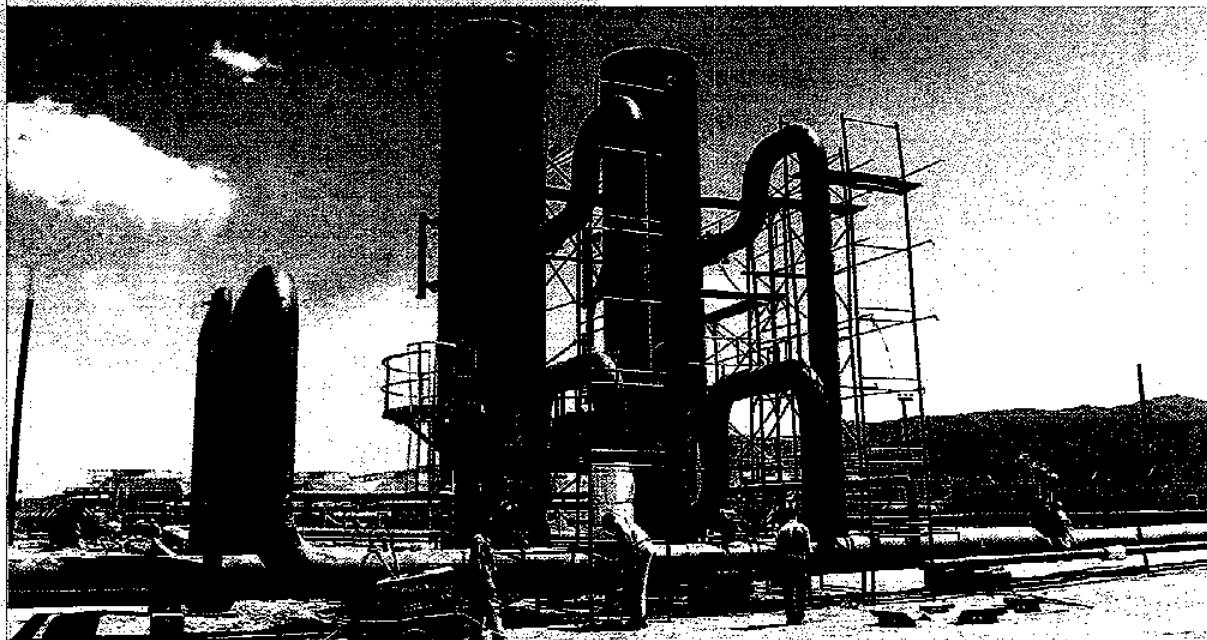
#### Kiambere-Nairobi and Kipevu-Rabai lines

The ongoing construction of the Kipevu-Rabai 132kV line by Siemens AG of Germany is scheduled for completion in April 2001, while the extension works of the substations at Kipevu and Rabai by ABB Transmit of Finland are expected to commence shortly. The construction of the Kiambere-Nairobi 220kV line will commence after conclusion of financing arrangements, which are currently in progress.



Power supply has been boosted by Emergency Power Generators contracted by the Government.

## CHAIRMAN'S REVIEW *Continued*



Ongoing installation of a geothermal power plant at Olkaria in Naivasha. The plant, by OrPower4 Inc., is already supplying power to KPLC and will commence full commercial operation in July 2003.

### Gitaru-Kamburu 220kV line

An 8 km 220kV line between Gitaru and Kamburu was connected to the national grid during the commissioning of the 80 MW Gitaru power plant. This connection also carried out at Gitaru end of the 220kV section of the line.

### Kipevu 33/132kV switchyard

Following the commissioning of the 75MW Kipevu diesel power plant, the Kipevu 33/132kV switchyard was modernised and expanded to accommodate the new plant.

### Olkaria-Naivasha 220kV line

Construction of the 220kV line and associated structures were undertaken on behalf of your Company under the geothermal power project. The project will facilitate transmission of power from the proposed Olkaria II power plants to the national grid. The transmission line contract was awarded to EEC of India while the substation contract was awarded to Siemens of Germany. Work on the project is expected to be completed by mid-2003 at an estimated cost of US\$ 100 million and US\$ 4 million respectively.

### CUSTOMER SERVICE

The Company faced a major challenge of collecting revenue under the very difficult economic conditions that prevailed throughout the year, while at the same time striving to improve service delivery to customers.

In this regard, Nairobi Area was divided into strategic business units, which has improved management of field operations. Additional pay-points were opened at Co-operative Bank of Kenya branches in Bungoma, Kerugoya, Machakos and Murang'a. These are in addition to those opened in other parts of the country the previous year. The Standard Chartered Bank also expanded the electronic bill payment system by installing additional Automated Teller Machines (ATMs) at strategic service points countrywide. These services offer customers alternative payment methods and help reduce congestion at your Company's banking halls. Expansion of services continued at established paying centres in Machakos and Malindi, and at Sarit Centre, Adams Arcade, Eastleigh and Jogoo Road in Nairobi.

Other measures taken to improve service delivery included a programme to replace electromechanical meters with electronic ones for industrial and commercial customers, which enhanced accuracy in meter reading.

## CHAIRMAN'S REVIEW *Continued*

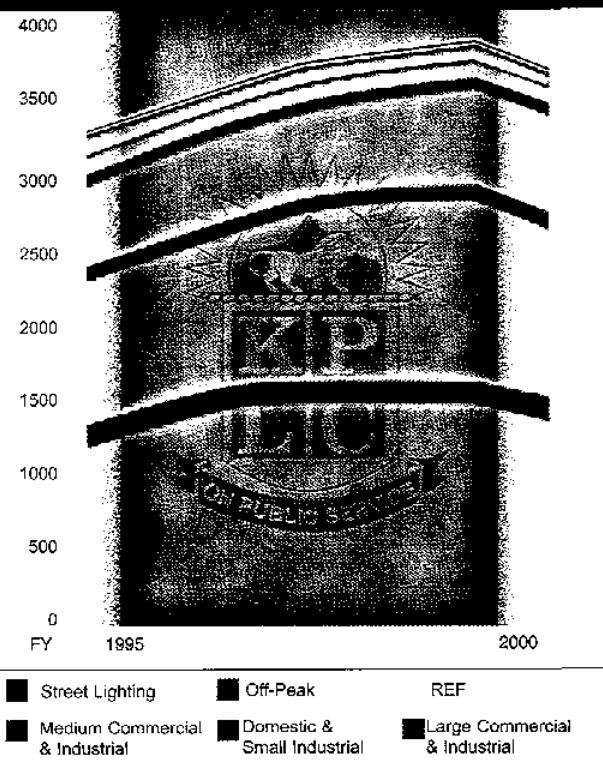
During the year, the Company also embarked on an aggressive revenue protection and recovery programme aimed at curbing theft of utility services and minimising commercial losses. This countrywide effort has achieved measured success, particularly through increased public awareness and co-operation in reducing electricity theft.

### Power Loss Reduction and Demand Side Management (DSM) Programmes

Under the power loss reduction programmes being carried out in Nairobi and Mombasa, two step-down substations were designed and built, constructed at a cost of Shs.266 million near the Ongata Rongai. Tendering for DSM consultants to undertake market research and energy audit surveys in Nairobi and Mombasa was carried out while awaiting approvals from the World Bank, which is funding the programme.



**5 Year Sales (GWh) by Customer Category**



New vehicles from the Spanish Government are received by a private contractor - ABB - engaged to undertake rural electrification projects under KPLC supervision. They were handed over by the late Mr Francis Lotodo (right), then Minister for Energy.

### RURAL ELECTRIFICATION

The Government spent a total of Shs.708 million on the Rural Electrification Programme (REP) during the year, bringing the cumulative capital expenditure since inception of the programme in 1973 to Shs.5,049 million.

The number of customers under the programme grew from 61,436 in 1998/99 to 67,542 in 1999/00. However, units sold dropped from 153 million to 138 million, while the revenue accrued increased by Shs.235 million from Shs.851 million the previous year to Shs.1,086 million. The lower unit sales are attributable to power rationing, while the increase in revenue was due to the new tariff implemented in August 1999 and fuel recoveries arising from increased thermal generation.

Following an evaluation of the first stage of Phase I of the Coffee Factories Rural Electrification Programme (COFREP), which is financed from the European Union's Stabilization of Exports (STABEX) Fund, an additional 55 coffee factories were earmarked for electrification in the 2000/2001 financial year. This will bring the total number of factories electrified under the programme to 112 out of the targeted 168.

Construction of 32 projects identified for implementation under Phase I of the Spanish Rural Electrification Project at a total cost of US\$10.6 million was started during the year and is expected to be completed in October 2001.



## CHAIRMAN'S REVIEW *Continued*

During the year, negotiations commenced between the Government of Kenya and the Government of Spain for financing of Phase II of the project to the tune of US\$10.255 million. Another agreement for 60 million French Francs was signed in May 2000 between the Government of Kenya and the Government of France to finance rural electrification schemes.

An amount of Shs.831 million was collected through the Rural Electrification Fund Levy during the year.

### SUPPORT SERVICES

#### INFORMATION TECHNOLOGY (IT)

Expansion of the computer system continued with the development and commissioning of a Geographical Information System (GIS) for mapping the locations of key electricity installations. This has improved field operations, trading, distribution network maintenance, meter repairs. Upgrading of the Wide Area Network has further improved transmission of business data, financial accounting and system operation.



Hard work and loyalty to the Company among employees continues to be recognised during long service awards. Safe driving is also encouraged and rewarded.

As part of its business strategy to take advantage of new business opportunities, your Company started rendering IT based services to other organisations on the possibility of using satellite technology for broadband data transmission and exchange between your Company and its customers and suppliers.

### HUMAN RESOURCES MANAGEMENT

The Company continued to enhance industrial relations, and to build consensus towards achieving corporate goals. As a result, industrial harmony prevailed throughout the year facilitated by regular consultative meetings between Management and the Union leadership. Interactive communication strategies were adopted to improve employee understanding of various issues like power rationing and austerity measures introduced by the Company to reduce expenditure.

The Company had a workforce of 6,973 as at 30th June 2000, compared to 7,100 last year. A customer/employee ratio of 75:1 was achieved compared to 73:1 over the same period in the previous year.

### CORPORATE COMMUNICATIONS

Various efforts were made to convey information to customers and stakeholders through publications, advertisements, radio programmes, web-based outreach, conference participation, and other promotional activities including participation in Agricultural Society of Kenya (ASK) Shows. Public education campaigns were undertaken on safe and efficient use of electricity as well as issues related to power rationing.

To improve corporate relations with strategic partners in civil society, the Company continued to forge linkages with professional organisations and other corporate institutions.

### GENERATION CAPACITY ENHANCEMENT

#### EMERGENCY POWER PLANTS

To ease the impact of power rationing, the Government contracted three emergency power providers in August 2000, with financial assistance from the World Bank, to supply 105MW on lease basis. The three companies are Aggreko (45MW), Deutz and Cummins (30MW each). These emergency power plants, together with an

## CHAIRMAN'S REVIEW *Continued*

additional 12MW from Iberafrica, 4MW from Orpower 4 Inc., 30MW from a steam turbine rehabilitated by KenGen at Kipevu, 2MW from Mumias Sugar Company and about 20MW from private autogenerators, enabled your Company to ease rationing.

### INDEPENDENT POWER PRODUCERS' (IPP) PROJECTS

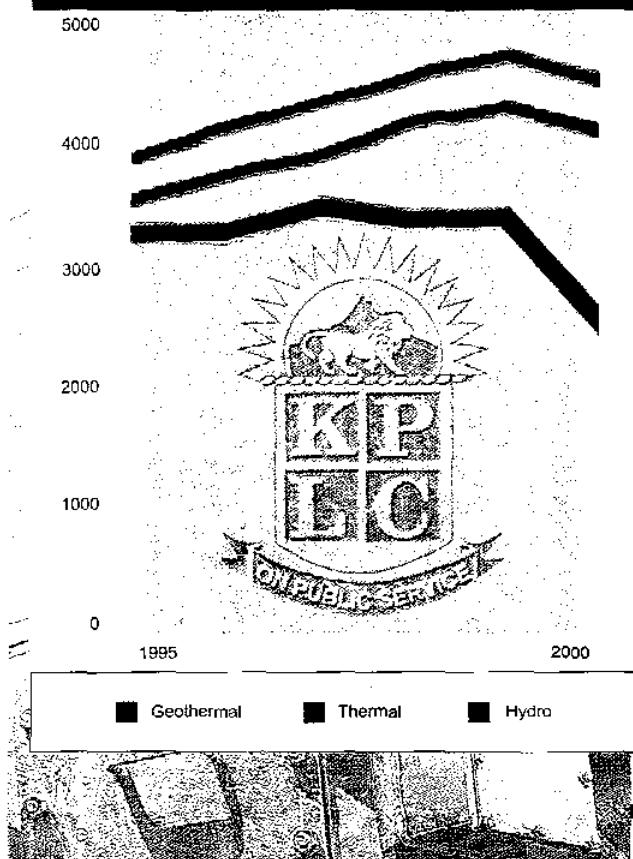
#### Stop-Gap Generating Plants

During the year, Iberafrica Power (Kenya) Ltd. and Westmont Power (Kenya) Ltd. stepped up thermal generation output due to reduced hydro-generation. The Westmont plant in Mombasa, which broke down in April 1999, was re-commissioned in November the same year.

#### Fast-track Project

Final tender evaluation for construction of two fast track projects of 55MW each at Olkaria and Lanel, your Company negotiated contracts and arrangements with

#### Generation (GWh) by Source.



the consortium of Deutz UK Ltd. and Burmeister & Wain Scandinavian Contractor for both sites. However, as a result of the emergency measures taken to ease power rationing, about 50MW additional power has been installed on a permanent basis, thereby displacing one of the projects. Consequently, only the Eldoret Diesel Power Project is now scheduled for implementation by December 2001.

#### Kipevu II 75MW Diesel Plant

Construction work began after the developer, Tsavo Power Company (Wartsila NSD), met all conditions in the Power Purchase Agreement. The plant is expected to be commissioned in September 2001.

#### Olkaria III 64MW Geothermal Power Station

The plant commenced an early generation of 8MW in June 2000 and an additional 4MW will be provided by December 2000 as part of the Emergency Power Project. Appraisal work for the balance of the 64MW plant is in progress and full commercial operation is expected to commence in July 2003.

### KENGEN PROJECTS

#### Olkaria II 64MW Geothermal Power Project

Implementation of the Olkaria II 64MW Project, which is projected to be commissioned in 2002, commenced during the year.

#### Sondus Miriu

Construction work on the 60MW Sondus Miriu hydro electric power project commenced and is expected to be commissioned in 2003. The project includes a 50 km 132KV transmission line from the power station to Kisumu substation.

## CHAIRMAN'S REVIEW *Continued*



The launch of a Shs.1.5 billion KPLC Commercial Paper enabled the Company to access cheaper sources of finance.

### FUTURE PROSPECTS

With regard to the time of generation, the short rains had a significant influence on each year's achievement of generation under the Emergency Power Generation programme had substantially improved. The power supply situation during long rains materialised through corporate reorganisation and industry referred to as a flatter organisational structure and financial performance.

In the medium term, the new generating capacity will be installed by mid-2003. By December 2003, 1,000 MW capacity, as well as a distribution network, will be operational. This will ensure reliable power supply in the short and medium term. In view of the prospects for improved performance are discussed below.

In order to be able to fully tap the regional power supply potential in the region, the need for discussions are currently in progress between Kenya and Uganda on the Second African Power Pool (SAPP). In this connection, in view of the fact that by 2005, the country

will be adequately interconnected to be able to participate in the intra- and inter-regional power trade, thus diversifying the sources of power supply.

### STAFF

I wish to note with appreciation the hard work and sacrifices made by staff during the very difficult year. Due to the financial constraints outlined in my report, your Company embarked on stringent cost cutting measures that saved the Company Shs.1 billion. This would not have been possible without the understanding and fortitude of the management and staff. On your behalf and that of the Board, I wish to thank them all.

**T T Naikuni**

**Chairman**

## RIPOTI YA MWENYEKITI

## **MTAZAMO WA JUMLA**

Kampuni yenye likabiliiwa na matatizo yasiyo ya kawaida wakati wa kipindi cha mwaka, ambayo kwa kiasi kikubwa yaliathini hali ya brashara. Ukame ambaao umeikumba nchi-hii kwa zaidi ya miaka miwili, na ambaao ndio mbaya zaidi kwa kipindi cha miaka hamsini, ulisababisha kuwe na upungufu mkubwa zaidi wa nguvu za umeme kuwahi kutokea. Hali hii ililazimisha Kampuni kuweka mpango mikubwa wa matumizi ya nguvu za umeme kwa vipimo. Wakati huo huo uchumi wa taifa ulikuwa katika hali mbaya huku ukuaji wa pato la jumla la taifa ukupungua kwa kiwango kilichotazamia cha 0.5% mwaka wa 2000, ikilinganishwa 14% mwaka wa 1998 na mwaka wa 1999, na chini ya mbili zilichangia kupungua kwa kiasi kikubwa yaliyotarajiwa kutoka kwa nguvu za umeme.

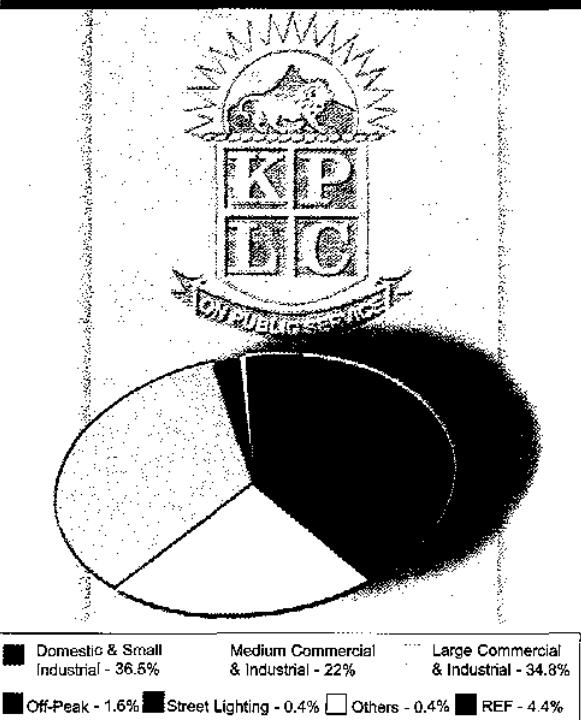
Kwa kusende mwinguza vifundu matumizi  
vifundu sana kwa la kodi ya  
Umoja vionungevya kwa vifundu vya Kampuni ya  
Kensia la kuongezeka ya mitambo  
inavutumia matumizi

Hivyo basi ya Shs. 23,564 milioni. Baada ya Shs. 1,584 ya Shs. 1,600 millioni.



Public awareness campaigns were carried out to educate customers on safe and efficient use of electricity.

## **Revenue by Customer Category 1999/2000.**



Kwa sababu hiyo, jumla ya pesa zilizopatikana zilikuwa Shs.23,564 milioni, dhidi ya matumizi ya kampuni ya Shs.27,016 milioni. Baada ya gharama ya kifedha ya Shs.704 milioni, Shs.966 milioni ambazo hazikulipwa kodi na matumizi maalumu ya Shs.1,581 milioni, Kampuni ilipata hasara ya Shs.1.607 milioni.

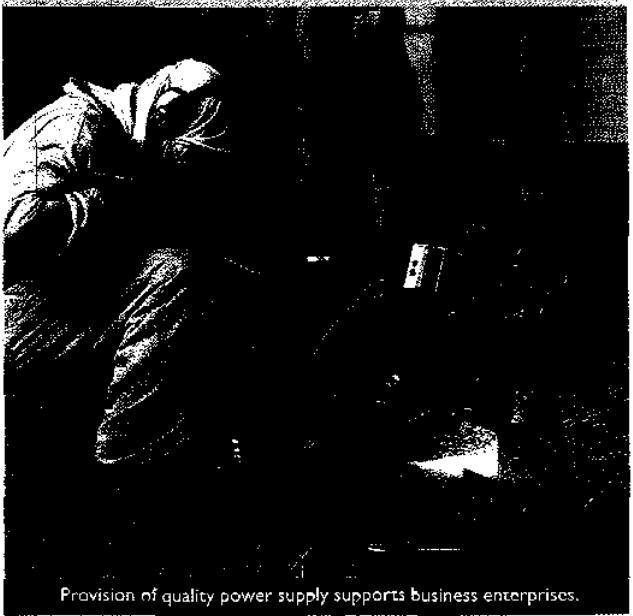
## **HALI YA KIFEDHA**

## **Matokeo ya biashara**

Wakati wa mwaka, unit milioni 3,365 za umeme ziliuzwa ikilinganishwa na unit milioni 3,564 zilizouzwa mwaka uliotangulia. Unit hizi zilileta mapato ya Shs.23,564 milioni ikilinganishwa na Shs.18,423 milioni mwaka uliotangulia. Ingawa hivyo, hii ilikuwa chini ya mapato yaliyotarajiwa ya Shs.4,957 milioni ikiwa ni pamoja na Shs.1,415 milioni kwa sababu ya kupungua kwa mauzo ya takribani 225GWh, Shs.2,120 milioni kwa sababu ya kupungua pesa zinazotokana na kila unit inayouzwa, na hasara ya jumla ya Shs.1,422 milioni kutokana na hasara za kibashara na hasara kubwa iliyotokana na kubadilisha usambazaji wa nguvu za umeme kutoka laini moja hadi nyingine kwa sababu ya kutoa umeme kwa vipimo.

**RIPOTI YA MWENYEKITI** *Kuendeleza*

1



**Provision of quality power supply supports business enterprises.**

Maabu ambayo hayaku ukuwa mafuta  
yandeleka hadi Shs. 15.513  
yandeleka ntienguliziwa na ongezeko kidogo  
la 7% wanganishwa na wastani wa kutumika  
ongezeko la Agosti 1999

Mapato yaliye ambayo si sambayo kwa 137% hadi Shs.6,890 mafuta, jezeka angulia

Hii haikuhusisha kiasi cha Shs 600 millioni za mchango  
nakupatikana kwenye mafundisho ya zinazotumia na  
mitambo. Kiasi huu ni kiasi cha mafundisho ya zinazotumia  
kwa kiasi cha umeme kwa mitambo. Kiasi huu ni kiasi  
unaochengeneza mafundisho ya zinazotumia na  
na kuongezeka sana.

Kwa ujumia, ghareria zilizotengeneza kwa mafupi za  
kwa 63% hadi Shs 27.016 million kutoka Shs 10.  
mwaka ujiotangilia Nyongeza hivyo nime  
ongezeka la Shs 5.669 million katika uharakauka kuhusu  
umeme. Kwa wimbi kutoka 1989, nyongeza kwenye GenGen na  
kunygezeka 1.000 megawati, na kwa 1990, nyongeza  
milioni 1.200 megawati, na kwa 1991 nyongeza kwa w  
Inatolejia nimepata nyongeza la Shs 21.000 million kwa wi  
kwa tarehe 15 Agosti 1990.

Awali ununuzi wa umeme kwa wingi kutoka kampuni ya KenGen ulikuwa chini ya mpango fulani wa bei uliowekwa. Wakurugenzi wanapendekeza kutoa ombi kwa Electricity Regulatory Board ili malipo hayo yachunguzwe.

## Faida maalum

Kutokana na marekebisho katika sekta ya urninge chini ya mpango wa marekebisho ya sekta ya kawi nchini, Kampuni ilipata faida ya Shs.1,581 milioni kutokana na kuhamishwa kwa mali kutoka kwa kampuni ya KenGen. Hii imeelezwa kama faida maalum katika taarifa ya mapato.

Kodi

Kampuni haidaiwi kodi ya Mashirika kwa mwaka uliomalizika hata baada ya kupata hasara.Taarifa ya mapato inaonyesha kodi iliyolipwa kimbele ya Shs.966 milioni ikilinganishwa na kodi ya Shs.220 milioni iliyotozwa mwaka uliotanguliwa.Kodi hiyo iliyolipwa kimbele inaonyesha fedha zilizotengwa baada ya kampuni kupata faida mwaka uliotangulia. Hivyo katika milaka miwili ijayo malipo ya kodi ya Kampuni yatakuwa kidogo.

Kodi ya ziada ya thamani (VAT) iliyotozwa malipo ya umerme ilikuwa Shs.3,357 milioni kutoka Shs.1,934 milioni mwaka uliotangulia huku kodi ya mapato (PAYE) ikipungua kutoka Shs.936 milioni mwaka wa 1998/99 hadi Shs.897 milioni mwaka wa 1999/2000. Malipo ya ushuru wa forodha na VAT kwa bidhaa zilizoagizwa

kutoka nje yalipungua kutoka Shs.466 milioni mwaka uliotanquilia hadi Shs.249 milioni.

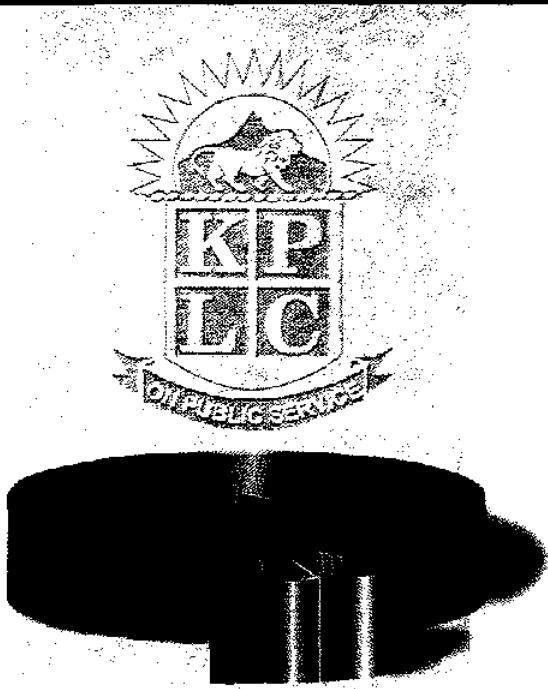
## Mqao wa faida

Mgao wa faida wa mda wa 10% (Shs.2 kwa hisa) mwezi Mei 2000, na kuwa Shs.158 milioni ikililinganishwa na Shs.237 milioni mwaka uliotangulia. Mgao wa faida wa jumla ya Shs.1.9 milioni uililipwa mda wake ulipowadnia. Kwa sababu ya hali mbaya ya biashara, Wakurugenzi wameamua wasipendekeze malipo zaidi ya mgao wa faidi kwa mwaka huu.

Mgao wa faida uliolipwa kwa serikali ulikuwa ni jumla ya Shs.64.8 milioni. Hii pamoja na kodi, kulifanya mchango wa Kampuni kwa hazina kuu kufikia Shs.4,567 milioni ikilinganishwa na Shs.3,758 milioni mwaka wa 1998/99.

**RIPOTI YA MWENYEKITI** *Kuendeleza*

**Power Purchased by KPLC 1999/2000.**



Kwa hivyo, ba mifano yake ya kifaa kila kile wa mifano  
wa faida ilikuwa Shs.670 na kile wa mifano yake ya faida  
ya Shs.670.

**MAREKEBISHO YA SEKTA NDUGA YA  
NGUVU ZA UMEZU**

**Kuhamishi**

Nilitangaza mda kwa mtaani na jumia inaratiwiwa kuifika tarehe 26/12/1999  
kuwajulisha kwamba jambo hili litafanwa kwa u  
Kampuni ya PrinceWaterhouseCoopers (Kenya) Ltd.  
wahusika wengine. Kwa sifa zetu hili ni mafundishwa kwa  
Shs 3,247 milioni na Shs 342 milioni kwa mafundishwa kwa  
KPC na Kenyatta International Conference Centre na thamani  
Shs 342 milioni kwa mafundishwa kwa mafundishwa naimeonyeshi  
katika besaabidi ya mtaani.

## **Marekebisho ya biashara**

Serikali na Halmashauri ya Wakurugenzi wamechukua hatua za kurekebisha kampuni yenu ili kupunguza matumizi ya fedha. Kwa sababu hii kundi la kushirikisha shughuli za marekebisho liliteuliwa mwezi Oktoba 2000.

Kampuni ya PriceWaterhouseCoopers, ambayo awali ilikuwa imeteuliwa na Halmashauri kuchunguza muundo na usimamizi wa shirika wametakiwa watoe mapendekezo kwa utekelezaji. Hadi ripoti hii ikichapishwa mshauri wa kifedha alikuwa karibu kuteuliwa kuchunguza hali ya kifedha ya Kampuni. Wachunguzi hao wanatarajiwa kuwasilisha ripoti yao Januari 31,2001.

### **Kubinafsishwa kwa Sekta ya Nguvu za Umeme**

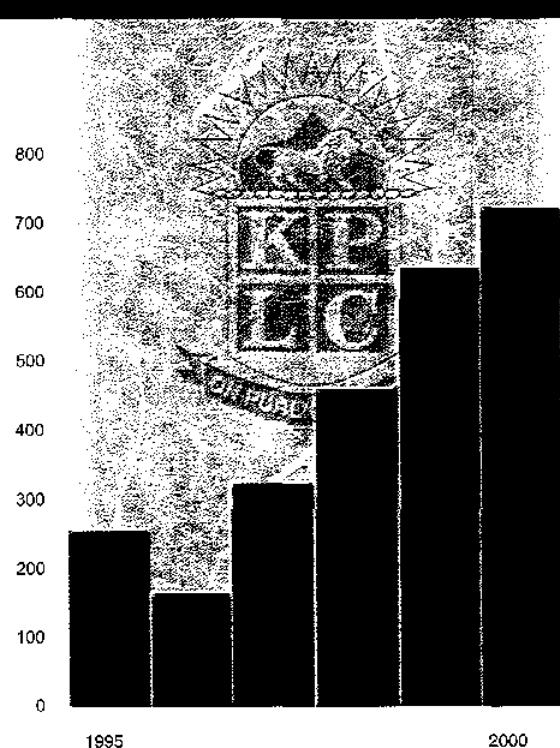
Utaratibu wa kubinafsishwa sekta ya nguvu za umeme pia umeanza. Kama hatua ya kwanza, serikali itatafuta huduma za ushauri kuhusu nguvu za umeme kuchunguza sekta hii na kutoa mapendeleko kuhusu njia bora za kusambaza nguvu za umeme. Inatarajiwa kuwa mshauri huyo alakuwa amepewa jukumu hilo kufikia Januari 31, 2001. Uchunguzi huo unatarajiwa kukamilika ifikapo Mei 31, 2001. Mapendeleko hayo kisha yatakabidhiwa serikali. Mabadiliko ya mapendeleko yoyote ambayo yatahitaji kuidhinishwa na wanahisa yatapelekwa kwa mukutano mkuu.

## **Uchunguzi wa bei ya stima**

Mnamo mwezi Agosti 1999 Electricity Regulatory Board (ERB) ilikubali kubadilisha bei ya stima kufuatia maombi ambayo yalikuwa yamefanywa na kampuni yenu mwezi Juni mwaka huo. Hii iliwezesha kuwe na viwango vya watumizi wa kadri na wafanyibashara wakubwa na wateja wa viwandani. Hata hivyo mnamo mwezi Mei 2000, ERB ilisimamisha mpango huu na ikaidhinisha mpango wa viwango vinavyofanana kwa wateja wote kuanzia Mei 29, 2000 kwa kuwa wallshindwa kutumia mpango wa awali kufuatia utaratibu wa kutoa nguvu za umeme kwa vipimo.

# RIPOTI YA MWENYEKITI *Kuendeleza*

## REF Annual Expenditure (Kshs million)



## BIASHARA MKEHIMU KUPELEKA MATKUSAMBAZA UMEME

**Kuimariswa laini za kusambaza umeme**

Wakati wa kipindi cha mwaka, miradi kuhusu kipeleka na kusambaza umeme ya Nairobi-Kiambere-Rabai ilikuwa ubora na uthabili wa kusambaza umeme. Hii linachukua mafanikio vya mahitaji makubwa na ukuaji wa mafanikio vya kusambaza umeme kote nchini kwa njia ya kipindi. Hii linachukua mafanikio vya kuteureka kwa ukuaji wa mafanikio vya kusambaza umeme hizmo. Hii ilihusishwa na mafanikio vya kusambaza umeme kwa kiwango cha Chirundu. Marekebisho, kakata miti sehemu zinazopita laini za kusambaza umeme na kuweka nguzo maya kuchukua mafanikio vya kusambaza umeme pamoja na viua vya kusawazima hifadhi za umeme.

Katika eneo la Nairobi, mafanikio vya kusambaza umeme na kulekutwaa na kipindi cha kusambaza umeme vidoogo nguvu za umeme mkoani Nairobi na Kilimani na Parklands. Na kuharishwa kipindi cha kusambaza umeme katika sehemu za

zenye wakaazi wengi. Katika eneo la Pwani, miradi mikubwa ilikuwa ni pamoja na kupitishia kwingineko laini za stima kutoka Rabai ili kutoa nafasi ya uwekaji wa laini za usambazaji za Kipevu/Rabai ambako kunaendelea. Transifoma yenye uwezo mkubwa zaidi wa 132/33kV pia iliwekwa Rabai na laini mpya ikanjengwa kutoka Mbaraki hadi Likoni.

Marekebisho mengine katika mfumo wa kusambaza nguvu za umeme ya Nairobi-Kiambere-Rabai na Mlima Kenya kuimariswa usambazaji wa umeme hasa katika sekta za kilimo na utengenezaji bidhaa.

## MAENDELEO YA USAMBAZAJI

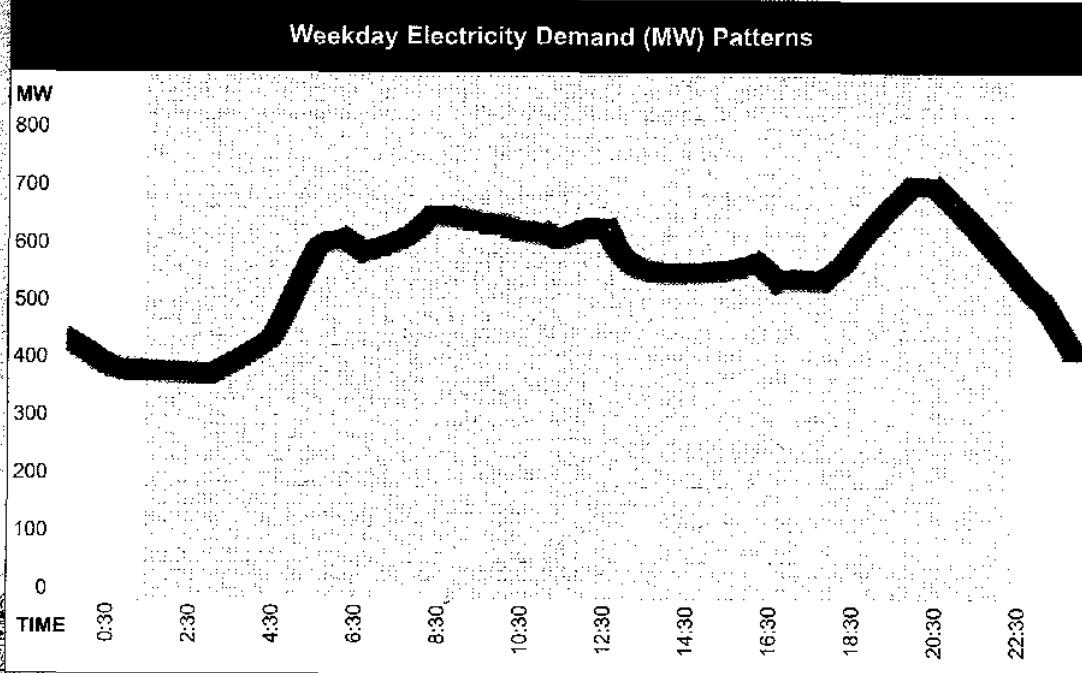
### Laini za Kiambere-Nairobi na Kipevu-Rabai

Ujenzi unaoendeiea wa laini ya stima ya Kipevu-Rabai yenye uwezo wa 132kV na kampuni ya Siemens AG umepangwa kukamilika Aprili 2001 ilhali upanuzi wa vituo vidogo vya kusambaza umeme huko Kipevu na Rabai utaanizishwa hivi karibuni na kampuni ya ABB Transmit ya Finland. Ujenzi wa laini ya stima ya Nairobi-Kiambere yenye uwezo wa 220kV utaanza baada ya mipango ya kugharamia mradi huo itakapokamilika.



The National Control Centre in the outskirts of Nairobi is the hub of the transmission network. Reinforcement of the network focused on improving the quality of power supply.

**RIPOTI YA MWENYEKITI** *Kucndezeza*



**Karibya Gitaru-Kashiru venye uwezo**

Laini ya stima Gitaru na  
Kamburu wa akati .wa  
kuzinduliwa 80MW.  
Marekebish embaaza  
umeme hu laini  
hiyo kuwekwa

**Kituo cha kugeuza umeme cha Kipevu  
33/132KV**

Kufuatia kuzitolewa  
unaotoa 75M  
disel, kituo  
kiliongezwa na  
wa nchi ya Japani.

**Laini ya Olkaria Nairobi venye Uwendo wa 220kV**

Ujenzi wa jadui yenye kampuni ya mazoezi na vifaa  
Unatekeleza wakati wa kampuni yana kwa viabu  
kampuni yenye kampuni yana kwa nguvu za umeme  
zimazoezi kana na vifaa. Oktoba II. Mradi

utawezesha usambazaji wa umeme kutoka vituo vya Olkaria II na Olkaria III hadi kwenye grid ya taifa. Kandarasi ya kuweka laini hiyo ya stima ilipewa kampuni ya KEC ya India kwa gharama ya US\$ 8.7 milioni, ilhalii ile ya kujenga vituo vidogo vya kusambaza nguvu za umeme ikapewa Siemens ya Ujerumani kwa gharama ya US\$ 8.4 mwezi Machi 2000. Mradi huo unatazamiwa kukamilika katikati ya 2002.

## **HUDUMA KWA WATEJA**

Kampuni ilikabiliwa na wakati mgumu wa kukusanya fedha chini ya hali mbaya ya kiuchumi ambayo ilijitokeza wakati wa kipindi chote cha mwaka, huku wakati huo huo ikijitahidi kuimarisha huduma kwa wateja wake.

Hivyo basi eneo la Nairobi iligawanywa katika maeneo ya kibishara, jambo ambalo limesaidia kuimarisha usimamizi wa shughuli za nyanjani. Vituo zaidi nya kulipia huduma vilifunguliwa katika matawi ya Benki ya Ushirika ya Bungoma, Kerugoya, Machakos na Murang'a. Matawi haya ni pamoja na yale ambayo yallifunguliwa katika sehemu zingine nchini mwaka uliotangulia. Benki ya Standard Chartered pia ilipanua mitambo ya kulipia billi kwa kuongeza mashini zaidi za ATM katika vituo mbali mbali nchini. Huduma hii inampa mteja fursa ya kulipa billi kwa kutumia

**RIPOTI YA MWENYEKITI** *Kuendeleza*



The Company performed well in ASK Shows, fairs and exhibitions for which it was awarded coveted prizes

njia zingine na Huduma ya Uguza msongamano katika kumbi za kazi yako za ukuaji bill. Upanuzi wa huduma uliendo la kati kwa mifumo ya zamani nuko. Sarit Centre, Adams Arcade, Eastleigh, Jomo Kenyatta Avenue Nairobi, Mombasa Road Malindi.

Fahamu hingene zilizochukua kwa mifano ya huduma ni  
pamoja na kuanzisha mifano ya teknika mita za  
electronic badala ya teknika mita za teknika al kwa wateja  
wa viwanda. Badi hingene zilizochukua kwa mifano ya  
katika usoni.

Wakati wa kipindi  
za kulinda  
ulinuiwa kuka  
kupunguza  
zinafanywa kote nchini zimekuwa na ofanisi, hasa katika  
kuhamasisha Umoja  
wizi wa stima

**Mipango** *ya kujumiaza upoteshan wa nquvu za umeme*

Chini ya mpango wa kupunguza uholi vinguvu  
wakati wa upishali ambao upatekeleza. Ni  
Mombasa vituo yimili vidogo vya kumibili  
umeme vitajengwa kwa ghamama ya Shs. 205 millioni huko  
Kiambu na Ongata Rongai. Tafadhali washaau  
wa mpango hilo kwa mifano ya kifaa kila kumati ya  
Nairobi na Mombasa. Kifaa kila kumati kuhinishwa  
Beki wa Duka

## **UMEME KATIKA SEHEMU ZA MASHAMBANI**

Serikali ilitumia jumla ya Shs.708 milioni kwa mpango wa kusambaza umeme katika sehemu za mashambani wakati wa kipindi cha mwaka, na hivyo kufanya jumla ya pesa zilizotumika tangu mpango huu uanzishwe 1973 kufikia Shs.5,049 milioni.

Idadi ya wateja chini ya mpango huu iliongezeka kutoka 61,436 mwaka wa 1998/99 hadi 67,542 mwaka wa 1999/00. Ingawa hivyo unit zilizouzwa zilipungua kutoka 153 milioni hadi 138 milioni, ilhalii mapato yaliyokusanya yaliongezeka kwa Shs.235 milioni kutoka Shs.851 milioni mwaka uliotangulia hadi Shs.1,086 milioni. Kiwango cha chini cha unit zilizouzwa kilitokana na kutolewa kwa umeme kwa vipimo, ilhalii ongezeko la mapato lilitokana na bei mpya ya stima iliyoanza kutekelezwa mwezi wa Agosti 1999 na kodi iliyotokana na matumizi zaidi ya mafuta ya kutengeneza nquvu za umeme.

Kufuatia tathimini ya hatua ya kwanza ya mpango wa kupeleka umeme katika viwanda vya kahawa (COFREP) ambao umefadhiwa na hazina ya muungano wa Ulaya wa kusawazisha bidhaa zinazouzwa nje (STABEX), viwanda vingine 55 viliviekwa katika orodha ya kuwekewa umeme kwa kipindi cha matumizi ya fedha cha 2000/2001. Hii itafanya idadi ya viwanda vya kahawa ambavyo vimewekewa umeme kuwa 112 kati ya viwanda 168 vilivyokusudiwa.



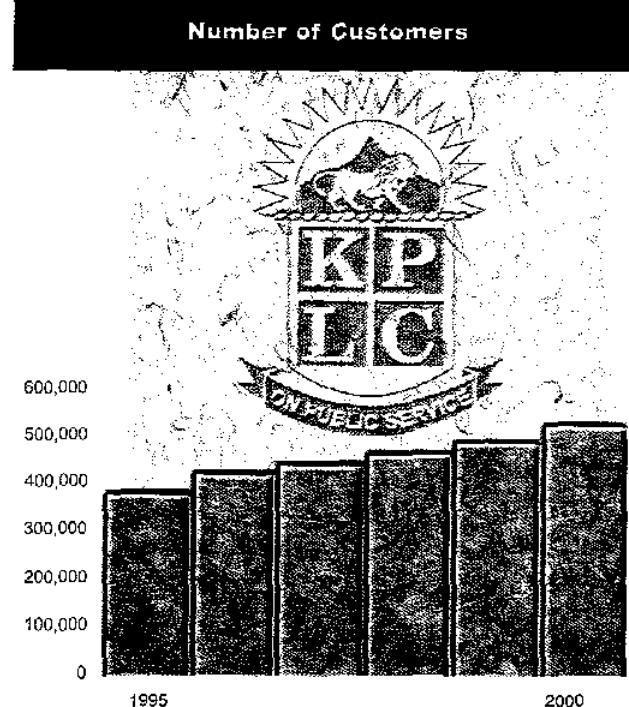
Electrification projects have greatly benefitted the agricultural sector, particularly horticulture and floriculture.

# RIPOTI YA MWENYEKITI *Kuendeleza*

Ujenzi wa miradi 32 ambayo ilichaguliwa kwa utekelezaji chini ya awamu ya kwanza ya miradi wa Spanish Rural Electrification Project kwa gharama ya US\$10.6 milioni ulanza wakati wa kipindi cha mwaka na unatarajiwaa kukamilika October 2001.

Wakati wa kipindi hicho, majadiliano yalianzishwa kati ya serikali ya Kenya na ile ya Spain kugharamia awamu ya pili ya miradi huo kwa gharma ya US\$10.2555 milioni. Makubaliano mengine ya faranga 60 milioni yaliwekwa saini mwezi wa Mei 2000 kati ya serikali ya Kenya na ile ya Ufaransa kugharamia miradi ya kuweka umeme katika sehemu za mashambani.

Kiasi cha Shs.83,100,000 zilizonywa chini ya hazina ya ushuru ya kuweka umeme katika sehemu za mashambani wakati wa kipindi hicho.



## HUDUMA SANDIZI

## TEKNOLOGIA YA KOMPYUTA

Mapanuzi ya teknolojia ya kompyuta iliendelea jinsi ya kuzindua kwa Geographical Information System (GIS) kwa minajili ya kutambua vitendo vya umeme.

imeimarisha shughuli za nyanjani, hasa marekebisho ya laini za umeme. Kuimariswa kwa Wide Area Network (WAN) kulisa idia usambazaji wa takwim za biashara kwa minajili ya bill, uhasibu na shughuli za mitambo.

Kama sehemu ya mipango yake ya biashara, Kampuni yako ilianza kutoa huduma za IT chini ya huduma za ushauri. Mazungumzo kuhusu uwezekano wa kutumia grid ya kitaifa kusambaza takwim yanaendelea kati ya kampuni yenu na watoaji wa huduma za mawasiliano.

## USIMAMIZI WA WAFANYIKAZI

Kampuni iliendelea kuimariswa uhusiano wa kazi na kutufa ulewanu kwa minajili ya kufanikisha malengo ya Kampuni. Kwa sababu hii, hali ya amani mionganoni mwa wafanyakazi ilidumishwa kipindi chote cha mwaka kwa kufanyakira mikutano ya ushauri ya mara kwa mara kati ya Wasimamizi na viongozi wa chama cha wafanyakazi. Mazungumzo ya ana kwa ana yaliitumiwa kusaidia wafanyakazi kuelewa mambo mbali mbali kama vile kutolewa kwa nguvu za umeme kwa vipimo na mipango kabambe ilioanzishwa na Kampuni ili kupunguza matumizi. Hadi kufikia Juni 30, 2000 kampuni iliikuwa na wafanyakazi 6,973, ikilinganishwa na 7,100 mwaka uliotangulia. Kiwango cha kuwiana wateja/wafanyakazi cha 75:1 kilifikiwa ikilinganishwa na 73:1 wakati wa kipindi kama hicho mwaka uliotangulia.

## UHUSIANO WA UMMA

Juhudi kadhaa zilifanywa kutoa habari kwa wateja na wahuksika kuitia majorida, matangazo, vipindi vya radio, matumizi ya internet, mikutano na shughuli nyingine za kutangaza huduma za kampuni ambazo ni pamoja na maonyesho ya kilimo nichini. Kampeni za kuelimisha umma zilifanywa kuhusu matumizi salama na bora ya umeme pamoja na maswala ya kutoa umeme kwa vipimo.

Ili kuimariswa uhusiano na mashirika mengine, Kampuni iliendelea kuimariswa uhusiano na mashirika ya kitaalam.

**RIPOTI YA MWENYEKITI** Kuendeleza

## **UZALISHAJI WA NGUVU ZA UMEME**

# KUIMARISHA UWEZO WA KUZALISHA NGUVU ZA UMEME

**Mitambo ya dharura ya nguvu za umeme**

Ji kupunguza taitizo la kutoa umeme kwa vifurimo, senkali iliosi kandarasi kwa watoaji watatu wa nguvu za umeme za dharura mwezi wa Agosti 2000, kwa usaidizi wa kifedha kutoka Benki ya Duka kutoa 105MW. Kampuni hizi tatu ni Aggreko (45MW), Enercon (30MW), minn (30MW kila moja). Mitambo hii ya vifurimo yana umeme ya dharura, pamoja na ongezeko nia ya kutoa umeme wa Iberianica, 4MW kutoka Oropesa 4 inc., 50MW kutoka kisii mitambo wa Kipevu ulio kifedha taitiwa na KenGen, 2MW kutoka Kampuni ya Sosiani na Mumias na kutoa umeme kifedha genereta za kipomozi iliwezesha kamili. Taitizo vifurimo taitiwa ufoaji wa

**MIRADI YOTE YANAFUNIE WA  
KIBINASI**

**Mitambo** y **l'Amour des Femmes**

Wakati wa kuuza na mafunzo ya ujumbe wa  
na Westmont Power(Kenya)Ltd. ziliongeza  
nguvu kufutia kupungua kwa nguvu za umeme  
zinazotengeneza. Mtambo wa  
Westmont ulio  
ulizindulika upande wa kuuza na mafunzo.

**Miradi ya hapa**

Kufuatia kuchunguza upya teenda kwa ujeku  
miradi miwili ya fast track ya 55MW kila moja litu  
na Lanet, Kampeni yako lifanya mazimba la dala  
nguvu za umeme na kampuni za Daelz UK Ltd na  
Burmeister & Wain. Ujeku hii ni kama kuna ujeku  
zote mbili. Tatu kwa tatu hii ni kama kuna ujeku  
zilizochukuliwa kwa  
upitme wa kando - 50MW  
umeme zinnewekwa k

misingi wa kudumu, na hivyo kuchukua nafasi ya moja wa miradi hiyo. Hivyo basi, ni mradi wa Eldoret wa kutoa nguvu za umeme kwa kutumia disel pekee ambao umepangiwa kutekelezwa kufikia Disemba 2000.

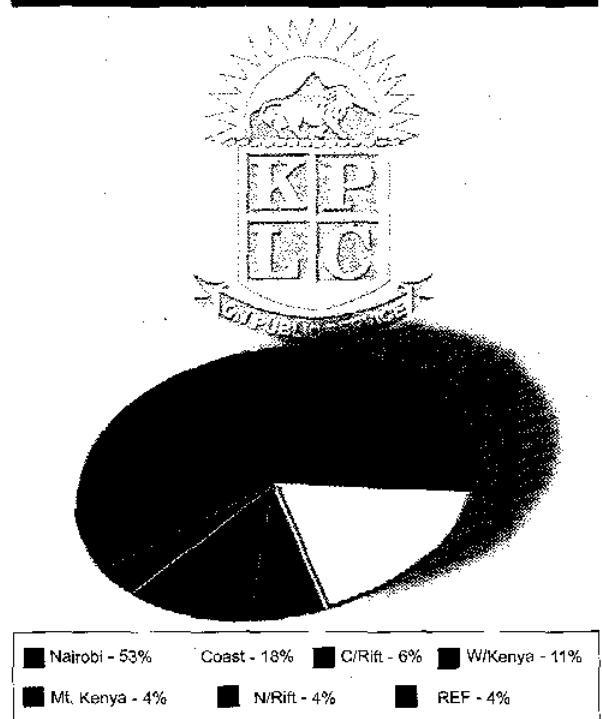
## Mtambo wa disel wa Kipevu II 75MW

Shughuli ya ujenzi llianza baada ya wenywewe, Tsavo Power Company(Wartsila NSD), kuafiki masharti yote katika makubaliano ya ununuzi wa nguvu za umeme. Mtambo huo unatazamiliwa kuanzhishwa Septemba 2001.

**Kituo cha Olkaria III 64 kinachotumia myuke wa ardhini**

Mtambo huu ulianza kutoa 8MW Juni 2000 unatazamiwa kutoa nyongeza ya 4MW kufikia Decemba 2000 kama sehemu ya kutoa umeme chini ya mradi wa dharura. Kazi ya kuimarisha mtambo huo wa 64MW inaendelea na utaanza kufanya kazi kikamilifu ifikiapo Julai 2003.

### Sales by Area 1999/2000



**RIPOTI YA MWENYEKITI** Kuendeleza

## **MIRADI YA KENGEN**

**Mradi wa Olkaria II 64MW unaotumia mvuke wa ardhini**

Utekelezaji wa mradi wa Olkaria II 64MW, ambao unatarajiwala kuazishwa 2000, ulianza wakati wa kipindi cha mwaka.

Sondur Miriu

Kazi ya ujenzi wa mtambo wa nguvu za umeme wa Sondu Miriu wenyewe uwezo wa 60MW ulianza na unatarajiwa kuzinduliwa 2009. Hapa kuhusu hahisisha laini ya umeme ya umbali wa kichwa. Uwezo wa uwezo wa 132kV kutoka kituo hiyo hadi kimo kuhusu cha kusambaza nguvu za umeme cha Kisumu.

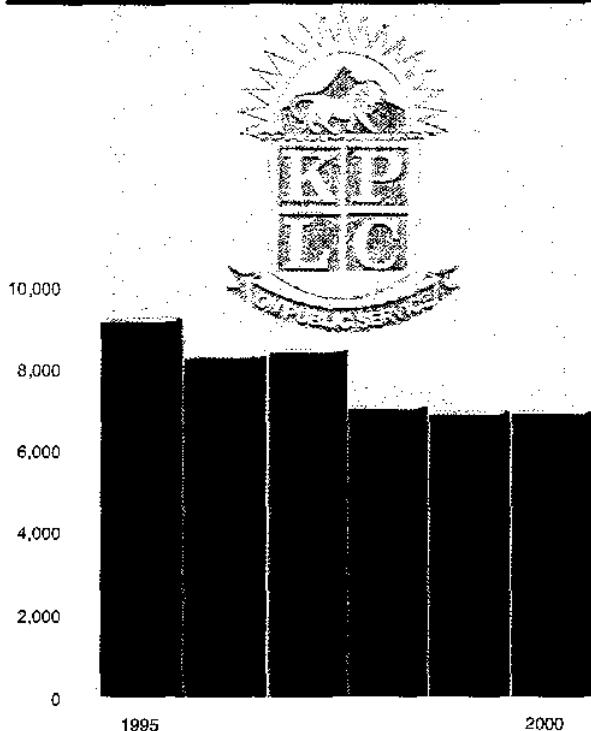
**MATARAJIO YABAYAYE**

Ingawa hadi tukichapisha muda mfuli zilikuwa badoitafaniza wa dharura wa nguvu za kifedha. Hivyo tukizungumza kaji umeme kwa vipimo. Hivyo tukizungumza amaka zaidi iwapo mvutu wa jumla ya kifedha zaidi wa 2001. Zaidi yamezuriwa na ambapo nimezungumza kaji umeme kwa amaka zaidi tuwe na shambani. Hivyo tukizungumza kaji umede zaidi ambapo litajimarisha zaidi katika usimamizi na muda mfuli ya kifedha.

Nyongeza ya 3000 m<sup>3</sup> ambapo 130 MW kuna umeme wa kufanya vyeema yanaiti moja  
ambapo 130 MW kuna umeme wa kufanya vyeema yanaiti moja  
2001. Nyongeza ya 3000 m<sup>3</sup> ambapo 130 MW kuna umeme wa kufanya vyeema yanaiti moja  
pamoja na kufanya vyeema yanaiti moja unatekeleza na Kamptuni yenu kutahau si  
kuna umeme wa kufanya vyeema yanaiti moja kipindi kifupi na kipindi-cha kadri matarajio ya  
yako ya kufanya vyeema yanaiti moja

Ili kupata manufaa kama ni Amerika ya kusaidia na Afrika  
mda wa kipindi kwa jumla, na hapa zinazohitaji zo yanaende  
na Uganda na Tadzara vya East African Power P  
(SAPP). Kwa hiyo tili ardhivya Vumba nikiapo katikati

### **Number of Employees**



2005, nchi hii itakuwa imewunganishwa ili kuiwezesha kushiriki katika biashara ya stima katika kanda hii na hivyo kupanua njia za kupata umerme.

WAFANYIKAZI

Ningependa kuwapongeza wafanyakazi kwa kujitolea kufanya kazi kwa bidii wakati wa kipindi klgumu cha mwaka. Kwa sababu ya matatizo ya kifedha ambayo nimeyaeleza katika ripoti yangu, Kampuni yenu ilichukua hatua za kupunguza matumizi ambayo yalisaidia kampuni kuokoa Shs.1 bilioni. Hii haingewezekana bila ya juhudzi za wasirnamizi na wafanyakazi. Kwa niaba yenu na kwa niaba ya Halmashauri, ningependa kuwashukuru kwa dhati.

*T T Naikunji*

MWENYEKITI

# REPORT OF THE DIRECTORS

The Directors submit their report together with the audited financial statements for the year ended 30 June 2000.

## ACTIVITIES

The core business of the Company continued to be the transmission, distribution and retail of electricity purchased in bulk from The Kenya Electricity Generating Company Limited (KenGen), Independent Power Producers (IPPs) and the Uganda Electricity Board (UEB).

## RESULTS

	Sh'000
Loss before taxation	2,574,269
Taxation credit	966,287
Net loss for the year transferred to revenue reserve	<u>1,607,982</u>

## DIVIDENDS

An interim dividend of Shs. 1.00 per share (50% share) was paid on 15 May 2000 from the revenue reserve. The Directors do not propose to declare a final dividend for the year. The total dividend for the year is Shs. 1,930,000 payable on 15 November 2000. This amount has been charged to revenue reserves.

## CAPITAL EXPENDITURE

During the year under review, the Company spent on fixed assets Shs. 3,345,903,000. The total net customers amounted to Shs. 3,345,903,000, giving a net capital cost to the Company of Shs. 3,345,903,000. This includes an amount of Shs. 3,345,903,000 for assets acquired from KenGen under the Kenyan Sector Reform Programme. Net capital work-in progress as at 30 June 2000 amounted to Shs. 647,495,000 compared to Shs. 1,000,000 in the previous year.

## DIRECTORS

The present members of the Board of Directors are shown on page 2.

Messrs N W Kimani and F G Meta ceased to be Alternate Directors to Mr M Oduor-Otieno and Ambassador M Ngali on 18th September, 2000 and 7th July, 2000, respectively. They were replaced by Messrs K Mbathi and A A Ali, respectively.

In accordance with Regulation 120 of the Articles of Association of the Company, Mr T T Naikuni retires by rotation and, being eligible, offers himself for re-election.

Mr S O J Ambundo retires by rotation and, Special Notice pursuant to Sections 142 and 186(5) of the Companies Act of a resolution to re-elect him as a Director inspite of his having attained the age of 71 years having been received by the Company, offers himself for re-election.

## 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**

**12th October 2000**

## RIPOTI YA WAKURUGENZI

Wakurugenzi wanatoa tipoti yao pamoja na taarifa ya hesabu zilizokaguliwa kufikia mwisho wa mwaka uliomalizika Juni 30, 2000.

**SHUGHULI**

Shughuli kuu ya Kampuni iliyendelea kuwa usambazaji, ugawaji na uuzaji wa reja reja wa stima iliyonunutiwa kwa wingi kutoka kwa Kenya Electricity Generating Company Limited (KenGen), Independent Power Producers (IPPs) na Uganda Electricity Board (UEB).

**MATOKEO**

	Sh'000
Hasara tama ya joto	2,574,269
Kooch ny lipwa kimbele	366,287
Hasara amwaka iliyotolewa	607,982
Hasara amwaka hifadhi	607,982

MGAOWAFAIDA

Mgao wa faidha ya mapato. Mgao wa faidha ya hifadhi ya  
mgao wa faidha ya mapato. Mgao wa faidha ya hifadhi ya  
Mgao wa faidha ya mapato. Mgao wa faidha ya hifadhi ya  
maalum umtoto wakati yeye niazi.

**MATUMIZU FEDERAL**

Wakati wa  
Shs.5,580,100 zilizopokelewa kwa mafunzo ya  
zili zokutana na mafunzo ya  
Shs. 910,352,000 kwa mafunzo ya Kari  
Shs. 4,669,700,000 Fedha bizi ni  
Shs.3,345,903,000 zilizohusiana na mafunzo  
kampuni ya KenGen na mafunzo wa mafunzo  
sekti ya umeme nchini Sedha za muda zilizokutana  
zikijendelea kutumika kwa mafunzo ya mabali hadi  
konka Jiji la Mombasa. Hapa hukwani 2,047,493  
ikilinganishwa na mafunzo ya 000 mwaka uliotangu

WAKURUGENZI

Wanachama wa sasa wa Kamati ya Wakurugenzi wameonyeshwa katika ukurasa wa 2.

Mabwana N W Kimani na F G Meta waliwacha nyadhifa zao kama Wakurugenzi wa kubadilishana na Bw M Oduor-Otieno na Balozi M Ngali tarehe 18 Septemba, 2000 na tarehe 7 Julai, 2000 vile tarehe hizo zimefuatana. Pahala pao palichukuliwa na Mabwana K Mbathi na AA Ali tarehe hizo hizo.

Kulingana na kifungu 120 cha sheria za Kampuni, Bw T T Naikuni anastaafu, lakini kwa kuwa anastahili, anajitolea kuchaquliwa tena.

Bw S O J Ambundo anastaafu kwa ziada na, ilani maalum kutokana na kifungu cha 142 na kile cha 186 (5) cha Sheria za makampuni kufuatia pendekezo la kumchagua tena kuwa mkurugenzi hata akiwa ametimiza miaka 71 imepokelewa na Kampuni, amejitolea kuchaguliwa tena.

WAHASIBU

Wahasibu, Deloitte & Touche wataendelea na shughuli za uhasibu kwa kuwa warmeeleza nia ya kufanya hiyo kulingqana na sehemu 159(2) ya sheria za Makampuni.

## **KWA AGIZO LA WAKURUGENZI**

*J N Kimani*

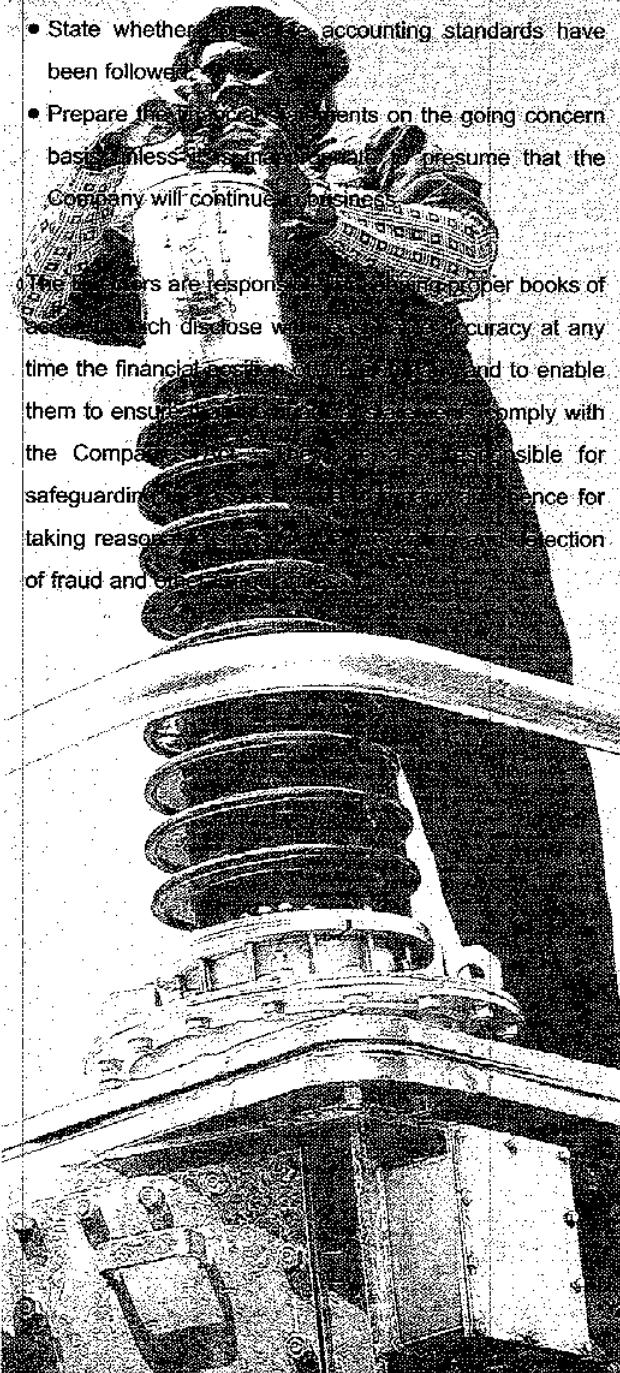
Katibu

## *Nairobi*

Oktoba 12 2000

## STATEMENT OF DIRECTORS' RESPONSIBILITIES

Company law requires the Directors to prepare financial statements for each financial year which give a true and fair view of the state of affairs of the Company as at the end of the financial year and of the results of operations for that period. In preparing those financial statements, the Directors are required to:

- Select suitable accounting policies and then apply them consistently;
  - Make judgements and estimates that are reasonable and prudent;
  - State whether or not accounting standards have been followed;
  - Prepare the financial statements on the going concern basis unless it is appropriate to presume that the Company will cease to be a going concern;
- The Directors are responsible for maintaining proper books of account which disclose with reasonable accuracy at any time the financial position of the Company and to enable them to ensure that they are made available for inspection by auditors in accordance with the Companies Act. It is also their responsibility for safeguarding the assets of the Company and for taking reasonable steps to prevent and detect the offence of fraud and other crimes.
- 

## TAARIFA YA SHUGHULI ZA WAKURUGENZI

Sheria za makampuni zinawahitaji Wakurugenzi watayariske taarifa za uhasibu kwa kila mwaka wa fedha ambayo hutoa maelezo ya kweli ya hali ya shughuli za Kampuni kufikia mwisho wa kila mwaka wa fedha na matokeo ya shughuli za kipindi hicho. Katika kutayarisha taarifa hizo za fedha, Wakurugenzi wanahitajika:

- Kuchagua na kutumia sera thabiti za uhasibu wakati wote;
- Kufanya maamuzi na makadirio ambayo yanafaa;
- Kueleza iwapo viwango vinavyohitajika vya uhasibu vimetumika;
- Kutayarisha taarifa za uhasibu kulingana na hali halisi ilivyo isipokuwa pale wanapobashiri Kampuni haitaendelea na biashara.

Wakurugenzi wana jukumu la kuweka vitabu vya uhasibu inavyotakikana ambavyo hueleza hali ya kifedha ya Kampuni na kuwawezesha kuhakikisha kwamba taarifa za uhasibu zinaambatana na Sheria za Makampuni. Pia wana jukumu la kulinda mali ya Kampuni na hivyo kuchukua hatua za kuzuia na kutambua udanganyifu na kasoro zingine.

# REPORT OF THE AUDITORS

We have audited the financial statements on pages 28 to 40 and have obtained all the information and explanations which, to the best of our knowledge and belief, were necessary for the purposes of our audit.

## Respective responsibilities of Directors and Auditors

As described on page 26, the Directors are responsible for the preparation of the financial statements. Our responsibility is to express an opinion on those financial statements based on our audit.

## Basis of opinion

We conducted our audit in accordance with International Standards on Auditing. Those standards require that we plan and perform the audit to obtain reasonable assurance as to whether the financial statements are free from material misstatement. This involves examining, on a test basis, evidence provided by management amounts and disclosures included in the financial statements, assessing the accounting principles used and significant estimates made by the Directors in preparing the financial statement prior to audit. We believe that the audit provides a reasonable basis for our opinion.

## Opinion

In our opinion, proper financial statements have been kept by the Company and the accompanying notes give a true and fair view of the state of affairs of the Company as at 30th September 2000 in respect of assets and cash flows. These financial statements conform with International Accounting Standards and the Companies Act.

**Deloitte & Touche**

**Auditors**

**Certified Public Accountants**

**Nairobi**

**12th October 2000**

# RIPOTI YA WAKAGUZI WA HESABU

Tumekagua ripoti ya fedha katika ukurasa wa 28 hadi 40 na tumepeata habari zote na naelezo kambaya. Iwaa ufahamu wetu, ni muhimu kwa minajili ya kufanya ukaguzi.

**CMA-LIBRARY**

## Majukumu ya wakurugenzi na wahasibu

Kama ilivyoelzeza kwenye ukurasa wa 26, ripoti ya fedha ni jukumu la Wakurugenzi. Jukumu letu ni kutoa maoni kuhusu ripoti hiyo kulingana na ukaguzi wetu.

## Sababu za maoni

Tulifanya ukaguzi wetu kulingana na kanuni zinazokubaliwa na uhasibu. Kanuni hizo zinahitaji kwamba tupange na tufanye ukaguzi huo tutosheke kwamba ripoti za fedha ni kamilifu. Ukaguzi unatilia maanani kanuni za hesabu zilizotumiwa, na makadirio ya kifedha yaliyofanywa na Wakurugenzi na kuchunguza ripoti ya fedha kwa jurnla.

## Maoni

Kwa maoni yetu, Kampuni imeweka vitabu vyake vya hesabu vizuri na ripoti za fedha, zinakubaliana na hesabu vyema kulingana na sheria za makampuni na zinaonyesha ukweli kuhusu hali ya Kampuni kufikia Juni 30, 2000 na hasara na mtiririko wake wa fedha kwa mwaka uliomalizika kuambatana na viwango vya kimataifa vya uhasibu na inaambatana na Sheria za Makampuni.

**Deloitte & Touche**

**Wakaguzi**

**Certified Public Accountants**

**Nairobi**

**Oktoba 12 2000.**

# INCOME STATEMENT

**FOR THE YEAR ENDED 30 JUNE 2000**

	Note	<b>2000</b> <b>Sh 000</b>	<b>1999</b> <b>Sh 000</b>
<b>REVENUE</b>			
Electricity sales		16,670,114	15,512,527
Fuel cost recoveries		6,894,352	2,910,204
		<u>23,564,466</u>	<u>18,422,731</u>
<b>OPERATING EXPENSES</b>			
Fuel costs		7,576,817	3,148,385
Other operating expenses		19,439,372	13,372,169
		<u>27,016,189</u>	<u>16,520,554</u>
OPERATING (LOSS)/PROFIT	2	(3,451,723)	1,902,177
FINANCE COSTS	3	<u>(704,140)</u>	<u>(180,253)</u>
(LOSS)/PROFIT BEFORE TAXATION		(4,155,863)	1,721,924
EXCEPTIONAL ITEMS	5	<u>1,581,594</u>	-
(LOSS)/PROFIT BEFORE TAXATION		(2,574,269)	1,721,924
TAXATION	6	966,287	(416,662)
(LOSS)/PROFIT AFTER TAXATION		<u>(1,607,982)</u>	<u>1,305,262</u>
BASIC (LOSS)/PROFIT PER SHARE STOCK UNIT	8	<u>(Sh 20.35)</u>	<u>Sh 16.47</u>

# BALANCE SHEET

**30 JUNE 2000**

	Note	2000 Sh'000	1999 Sh'000
<b>ASSETS</b>			
<b>Non current assets</b>			
Property, plant and equipment	9	12,022,675	9,136,366
Unquoted investment	10	4,300	4,300
		<u>12,026,975</u>	<u>9,140,666</u>
<b>Current assets</b>			
Inventories	11	2,985,548	3,245,949
Trade and other receivables	12	9,812,372	8,335,942
Loan receivable from KenGen		-	99,040
Taxation recoverable		123,186	99,709
Short term deposits		277,495	309,785
Bank and cash balance		275,839	417,695
		<u>13,474,440</u>	<u>12,508,120</u>
<b>Total assets</b>		<u>25,501,415</u>	<u>21,648,786</u>
<b>EQUITY AND LIABILITIES</b>			
<b>Capital and reserves</b>			
Share capital	13	1,625,560	1,625,560
Reserves	14	2,379,937	4,148,105
		<u>4,005,497</u>	<u>5,773,665</u>
<b>Non current liabilities</b>			
Due to KenGen	15	2,216,413	-
Trade and other creditors		1,849,502	1,614,442
Loans	16	1,268,999	1,239,483
Deferred taxation	17	241,263	1,207,550
		<u>5,576,177</u>	<u>4,061,475</u>
<b>Current liabilities</b>			
Trade and other creditors	18	9,802,235	8,253,501
Due to Government	19	2,194,845	-
Dividends - payable		396,294	163,870
- proposed			395,640
Loans repaid	16	994,350	1,018,227
Commercial paper	20	1,473,108	-
Bank overdraft	21	1,058,909	1,982,408
		<u>15,919,741</u>	<u>11,813,646</u>
<b>Total equity and liabilities</b>		<u>25,501,415</u>	<u>21,648,786</u>

The financial statements were prepared in accordance with generally accepted accounting principles in Kenya and were approved by the Board of Directors on 12th October 2000 and were signed on its behalf by the following Directors:

T T Naikuni  
S K Gichuru  
D Drayton

# STATEMENT OF CHANGES IN EQUITY

**FOR THE YEAR ENDED 30 JUNE 2000**

	<b>Share capital</b>	<b>Capital reserve</b>	<b>General Reserve</b>	<b>Tax equalisation</b>	<b>Revenue Reserve</b>	<b>Total</b>
	<b>Sh'000</b>	<b>Sh'000</b>	<b>Sh'000</b>	<b>Sh'000</b>	<b>Sh'000</b>	<b>Sh'000</b>
<b>At 1 July 1998:</b>						
As previously reported	1,098,040	12,304	147,480	347,000	4,485,701	6,090,525
Prior year adjustment	-	-	-	(347,000)	(640,168)	(987,168)
As restated	1,098,040	12,304	147,480	-	3,845,533	5,103,357
Capitalised audit fee	527,520	-	-	-	(527,520)	-
Profit for the year	-	-	-	-	1,305,262	1,305,262
Dividends (note 7)	-	-	-	-	(634,954)	(634,954)
<b>At 30 June 1999:</b>		<b>12,304</b>	<b>147,480</b>		<b>3,988,321</b>	<b>5,773,665</b>
<b>At 1 July 1999:</b>		12,304	147,480	-	3,988,321	5,773,665
Loss for the year	-	-	-	-	(1,607,982)	(1,607,982)
Dividends (note 7)	-	-	-	-	(160,186)	(160,186)
<b>At 30 June 2000:</b>		<b>12,304</b>	<b>147,480</b>		<b>2,220,153</b>	<b>4,005,497</b>

The prior year adjustment in 1999 represents the provision for deferred tax originating from previous years which was recognised in the financial statements on the adoption of International Accounting Standard 12 (revised) on income taxes.

# CASH FLOW STATEMENT

FOR THE YEAR ENDED 30 JUNE 2000

		2000	1999
	Note	Sh'000	Sh'000
Cash generated from operations	22(a)	1,318,136	784,174
Interest received		23,838	113,436
Interest paid		(716,856)	(257,092)
Taxation paid		(23,477)	(323,985)
<b>NET CASH GENERATED FROM OPERATING ACTIVITIES</b>		<b>601,641</b>	<b>316,533</b>
<b>INVESTING ACTIVITIES</b>			
Acquisition of property, plant and equipment		(1,323,865)	(2,351,083)
Net capital contributions		224,711	250,267
<b>NET CASH USED IN INVESTING ACTIVITIES</b>		<b>(1,099,154)</b>	<b>(2,100,816)</b>
<b>FINANCING ACTIVITIES</b>			
Proceeds from Commercial paper		1,473,108	-
Loans received		1,101,254	1,009,732
Repayment of loans		(1,103,134)	(251,164)
Receipt of amounts due		99,040	83,937
Dividends paid		(323,402)	(500,220)
<b>NET CASH PROVIDED BY FINANCING ACTIVITIES</b>		<b>1,246,866</b>	<b>342,285</b>
<b>INCREASE/DECREASE IN CASH AND CASH EQUIVALENTS</b>			
<b>CASH EQUIVALENTS</b>		<b>749,353</b>	<b>(1,441,998)</b>
<b>CASH AND CASH EQUIVALENTS AT 1 JUNE</b>		<b>(1,254,928)</b>	<b>187,070</b>
<b>CASH AND CASH EQUIVALENTS AT 30 JUNE</b>	22(b)	<b>(505,575)</b>	<b>(1,254,928)</b>

# NOTES TO THE FINANCIAL STATEMENTS

FOR THE YEAR ENDED 30 JUNE 2000

## 1 ACCOUNTING POLICIES

The financial statements are prepared in accordance with and comply with International Accounting Standards (IAS) which have been adopted for the first time in these financial statements, with the exception of IAS 12 which was adopted in the financial year ended 30 June 1999. Except for the effect of adoption of IAS 19 on employee benefits there are no other accounting policy changes arising from adoption of International Accounting Standards which have a significant impact on these financial statements. The principal accounting policies adopted in preparation of these financial statements are set out below:

### BASIS OF ACCOUNTING

The financial statements are prepared under the historical cost convention.

### REVENUE

Revenue represents the amount received on the sale of electricity and VAT (Value Added Tax due).

### INTEREST

Interest is recognised on the balance sheet on the accruals basis. Interest on amounts spent on the construction of a project is capitalised as part of the cost of the project.

### INVENTORIES

Inventories are valued at the lower of cost or fair value less obsolescence.

### PROPERTY, PLANT AND EQUIPMENT AND DEPRECIATION

Property, plant and equipment are stated at cost less depreciation.

Additions to transmission lines during the year are capitalised net of estimated dismantling costs.

Depreciation is provided on in accordance with the requirements of the Electricity Power Act which provides

for the write down of the cost of property, plant and equipment to residual values by equal annual instalments over their expected useful lives.

The depreciation rates used are:

Leasehold land	Over the unexpired period of the lease
Transmission lines	2.5 - 20%
Plant and machinery	2.85 - 6.66%
Motor vehicles	25%
Furniture, equipment and fittings	6.66 - 20%
Computers	30%

### TAXATION

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

Deferred tax is provided for, using the liability method, for all temporary differences arising between the tax bases of assets and liabilities and their carrying values for financial reporting purposes.

### 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 income statement.

### COMMERCIAL PAPER

Commercial paper is a short term finance instrument issued at a discount. Commercial paper balances are shown in the balance sheet at face values less deferred charges. The deferred charges are recognised over the period of the issue.

### RETIREMENT BENEFITS OBLIGATIONS

The Company's obligations to retirement benefits scheme are charged to the income statement as they fall due.

# NOTES TO THE FINANCIAL STATEMENTS



2000                    1999  
Sh'000                Sh'000

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## 2 OPERATING (LOSS)/PROFIT

The operating (loss)/profit is arrived at after charging/(crediting):

Cost of bulk power supply:

KenGen	- Non fuel	9,414,613	3,745,311
	- Fuel	5,210,973	1,376,194
Independent Power Producers	- Non fuel	1,751,344	1,832,168
	- Fuel	2,365,844	1,772,191
Uganda Electricity Board		810,099	592,683
Staff costs (Note 4)		4,537,659	4,656,159
Bad debts		274,804	-
Directors' emoluments	- fees	930	1,020
	- other	6,341	6,341
Auditors' remuneration		6,655	6,655
Depreciation		926,201	748,424
Pension discharge, other plant and equipment		(221,462)	(235,815)

## 3 FINANCE COSTS

Interest income:

On bank and other deposits	(22,470)	(111,879)
On deferred payment schemes	(474)	(61)
Net foreign exchange losses (less gains)	(22,944)	(111,940)

Interest expense:

On loans	309,821	94,619
On bank overdrafts	287,115	203,108
On commercial paper	127,680	-
	724,616	297,727
	704,140	180,253

## 4 STAFF COSTS

Salaries and wages	4,246,850	4,156,358
National/Sectoral pension contributions	6,000	6,000
Pension costs - defined contribution plan	279,000	481,000
Retrenchment costs	5,809	12,801
	4,537,659	4,656,159

The average number of employees during the year was 6,973 (1999 - 7,100).

## 5 EXCEPTIONAL ITEM

The exceptional item relates to profit arising from the transfer of assets to KenGen under the Kenya Energy Sector Reform Programme.

## NOTES TO THE FINANCIAL STATEMENTS

	2000	1999
	Sh'000	Sh'000
<b>6. TAXATION</b>		
<b>(a) Current taxation</b>		
Based on the adjusted loss for the year at 30% (1999 - 32.5%)	-	196,280
Deferred taxation (credit)/charge	(966,287)	220,382
	<u>(966,287)</u>	<u>416,662</u>

**(b) Reconciliation of tax (credit)/charge to the expected tax based on accounting (loss)/profit:**

	2000	1999
	Sh'000	Sh'000
Actual profit/(loss) before taxation	<u>(2,574,269)</u>	<u>1,719,994</u>
Trade tax calculation based on profit/(loss) before taxation 30% (1999 - 32.5%)	(772,281)	558,998
Effect of expenses not allowable for tax purposes	45,851	2,262
Tax effect of foreign exchange differences	(120,628)	-
Reduction in tax charge due to reduction in tax rate	-	(100,629)
Other	(119,229)	(43,969)
	<u>(966,287)</u>	<u>416,662</u>

## 7. DIVIDENDS

Preference dividends	1,930	1,930
Ordinary dividends	158,256	237,384
	-	395,640
	<u>160,186</u>	<u>634,954</u>

## 8. BASIC (LOSS)/EARNINGS PER ORDINARY STOCK UNIT

The (loss)/earnings per ordinary share has been calculated on the loss after taxation and preference dividends of Shs 1,609,912,000 (1999 - profit Shs 1,305,532,000) and on the number of ordinary stock units in issue during the year of 79,129.

# NOTES TO THE FINANCIAL STATEMENTS

## 9 PROPERTY, PLANT AND EQUIPMENT

	<b>Land and buildings</b> <b>Sh'000</b>	<b>Trans- mission lines</b> <b>Sh'000</b>	<b>Plant and machinery</b> <b>Sh'000</b>	<b>Motor vehicles</b> <b>Sh'000</b>	<b>Computers, furniture, equipment and fittings</b> <b>Sh'000</b>	<b>Total</b> <b>Sh'000</b>
<b>COST</b>						
At 1 July 1999	1,138,059	4,482,533	1,230,633	1,465,858	3,268,693	11,585,776
Additions	47,246	783,513	-	-	239,215	1,069,974
Reclassification	251	-	-	-	(251)	-
Transfer from KenGen	52,160	3,165,436	-	-	128,307	3,345,903
Transfer to KenGen	(52,956)	(8,018)	(1,217,897)	(152,590)	(50,674)	(1,482,135)
Disposals	(1,951)	(3,162)	-	(16,180)	-	(21,293)
At 30 June 2001	<u>182,809</u>	<u>8,420,302</u>	<u>12,736</u>	<u>1,297,088</u>	<u>3,585,290</u>	<u>14,498,225</u>
<b>DEPRECIATION</b>						
At 1 July 1999	1,255,565	432,964	409,573	920,269	1,153,643	4,243,014
Change for the year	197,729	44,099	162,264	491,535	926,201	
Transfer to KenGen	(4,548)	(451,113)	(110,453)	(29,414)	(628,126)	
Estimated disposals	(3,008)	-	(14,467)	-	(18,044)	
At 30 June	<u>23,137</u>	<u>2,559</u>	<u>957,613</u>	<u>1,615,764</u>	<u>4,523,045</u>	
<b>NET BOOK VALUE</b>						
At 30 June	<u>165</u>	<u>10,177</u>	<u>339,475</u>	<u>1,969,526</u>	<u>9,975,180</u>	
Work in progress	-	-	-	-	2,047,495	
					<u>12,022,675</u>	
At 30 June	<u>821,060</u>	<u>545,589</u>	<u>2,115,050</u>	<u>7,342,762</u>		
Work in progress	-	-	-	-	1,793,604	
					<u>9,136,366</u>	

The transfers from and to KenGen represent the transfer of assets transferred between the Company and KenGen as a result of the separation of the power generation function from the transmission and distribution function under the Kenya Energy Sector Reform Programme.

## 10 UNQUOTED INVESTMENT

The investment in Consolidated Bank of Kenya Limited, represents shares held in Consolidated Bank of Kenya Limited. The shares were issued against term deposits with a rehabilitation house.

Equity shares held in Consolidated Bank of Kenya Limited. The shares were issued against term deposits with a Credit Finance Limited, one of the finance houses under

# NOTES TO THE FINANCIAL STATEMENTS

	2000 Sh'000	1999 Sh'000
<b>11 INVENTORIES</b>		
General stores	2,246,372	2,433,350
Engineering spares	84,092	73,969
Fuel and oil	108,111	120,734
Transformers	464,962	504,932
Motor vehicle spares	34,997	30,304
Goods in transit	47,014	82,660
	<u>2,985,548</u>	<u>3,245,949</u>

## **12 TRADE AND OTHER RECEIVABLES**

	2000	1999
Electricity欠款	5,222,818	4,533,049
Rural Electricity欠款	2,221,442	2,453,348
Prepayments	656,286	556,252
Recoverable taxes	653,000	-
Citbers	1,058,826	793,293
	<u>9,812,372</u>	<u>8,335,942</u>

## **13 SHARE CAPITAL**

	2000	1999		
	Authorised Sh'000	Issued and fully paid Sh'000	Authorised Sh'000	Issued and fully paid Sh'000
350,000 stock units	7,000	7,000	7,000	7,000
1,800,000 stock units of Sh 20 each	36,000	36,000	36,000	36,000
Ordinary stock units/shares of Sh 20 each	<u>1,957,000</u>	<u>1,582,560</u>	<u>1,957,000</u>	<u>1,582,560</u>
	<u>2,000,000</u>	<u>1,625,560</u>	<u>2,000,000</u>	<u>1,625,560</u>

## **14 RESERVES**

	Capital Sh'000	General Sh'000	Revenue Sh'000	Total Sh'000
At 1 July 1999	12,304	147,480	3,988,321	4,148,105
Loss for the year	-	-	(1,609,912)	(1,609,912)
Dividends	-	-	(158,256)	(158,256)
At 30 June 2000	<u>12,304</u>	<u>147,480</u>	<u>2,220,153</u>	<u>2,379,937</u>

## **15 DUE TO KENGEM**

A sum of Sh 1,609,912 was transferred to the net assets transferred to KPLC from KenGen together with the outstanding development costs which will be repaid over a period of four years with effect from 1 July 2001 and are interest free.

## NOTES TO THE FINANCIAL STATEMENTS

	2000 Sh'000	1999 Sh'000
<b>16 LOANS</b>		
<b>UNSECURED</b>		
5.0% Kenya Government/Canadian loan 1990-2020	667,558	667,558
6.125% Kenya Government/Swiss mixed credit 1996-2005 (CHF 4,636,084)	221,249	233,069
2.6% Indosuez Bank, Belgium 1991-2004 (BEF 75,456,609)	138,885	172,498
3.15% Nordbanken loan 1990-2000	-	99,040
1.5% Finnish Export Credit 1990-2000 (FIM 590,178)	7,365	42,108
1.65% Nordbanken loan 1990-2000	-	18,234
6.125% Kenya Government/Belgium Wind power loan 1996-2006	-	28,080
10.0% Kenya Government/Finnish loan 1988-2002	11,206	11,206
Standard Chartered Bank Kenya Limited		
- Motorola Loan 1993-2008	-	220,524
East African Development Bank 1990-2002	450,000	600,000
Standard Chartered Bank Kenya Limited		
- Siemens Loan 1993-2008	-	132,780
Standard Chartered Bank Kenya Limited		
- Emirates	-	32,613
Standard Chartered Bank Kenya Limited		
- Siemens	115,419	-
Triple A (Kenya) Ltd 1993-2008 (CHF 1,000,000)	41,667	-
ABN AMRO 1993-2008 (CHF 1,000,000)	610,000	-
Less: advances	2,263,349	2,257,710
	994,350	1,018,227
	<u>1,268,999</u>	<u>1,239,483</u>

## 17 DEFERRED EXPENSES

Deferred expenses are recognised as an asset and measured at fair value less costs of disposal. They are recognised as an expense under the liability method using the effective rate of 30%.

Movement in deferred expenses during the year:

	2000 Sh'000	1999 Sh'000
At 1st July as previously stated	1,207,550	869,624
Prior year adjustment	-	117,544
At 1st July 1999	1,207,550	987,168
Current year additions	(966,287)	220,382
At 31st June	<u>241,263</u>	<u>1,207,550</u>

# NOTES TO THE FINANCIAL STATEMENTS

## 24 CONTINGENT LIABILITIES

	2000 Sh'000	1999 Sh'000
Bank guarantees	366,329	376,165
Claims on the Company	1,358,822	1,368,634
	<u>1,725,151</u>	<u>1,744,799</u>

The claims relate to civil suits lodged against the Company by various parties in the normal course of business. The likely outcome of the suits cannot be determined at the date of signing these financial statements but management do not expect that any liabilities will arise from the suits.

## 25 PROVISIONS FOR LIABILITIES AND CHARGES

Employees entitled to annual leave are entitled to be paid when they leave the employees. The outstanding liability in respect of annual leave as at 30 June 1999 has been recognised. Adoption of International Accounting Standard No. 19 on staff benefits will be recognised over a period of five years with effect from the current financial year in line with the transitional provisions of International Accounting Standard No. 19 on staff benefits. Consequently, an amount of Shs.1,072,375,200 has been charged to the income statement at 30 June 1999 while Shs.78,943,000 has been charged to the income statement in the current year.

## 26 RETIREMENT BENEFITS OBLIGATIONS

The Company has a defined contribution scheme for its employees. The Scheme covers employees of both KPLC and KenGen. However, a split of the scheme's assets and liabilities is expected in the near future as part of the reorganisation of the activities of the two companies which is being undertaken under the Electricity Sector Reform programme. The scheme is administered independently by KenGen Insurance Brokers Limited, and is funded by contributions from both

companies and employees. The scheme's funds are jointly managed by Barclaytrust Investment Services Limited and Co-op Merchant Bank Limited.

The scheme is subjected to valuations by independent Actuaries once every three years to fulfil requirements under the scheme's rules, the income tax (Retirement Benefits) rules 1994 and the Retirement Benefits Act 1997. The last actuarial valuation was carried out as at 1 August 1999 by Hymans Robertson, Consulting Actuaries. The actuarial valuation method adopted entailed the comparison of the value of the scheme's assets at the valuation date with its liabilities and an assessment of the ability of the scheme to meet its obligations to members. The principal actuarial assumptions used are:

- Investment return 10% per annum
- Rate of salary escalation 8% per annum
- Rate of pension increases 3%

The actuarial valuation revealed that there is a past service actuarial deficit of Shs.1,666,800,000. KPLC bears a share of 80.4% of the deficit while the balance of 19.6% will be borne by KenGen. The actuarial deficit will be recognised over a period of five years with effect from the current financial year, in line with the transitional provisions of International Accounting Standard No. 19 on staff benefits. Consequently, an amount of Shs.267,732,000 has been charged to the income statement in the current year leaving a liability of Shs.1,072,375,200 which will be recognised over the next four years.

The Company also contributes to the statutory National Social Security fund (NSSF). This is a defined contribution scheme registered under the National Social Security Act. The Company's obligations under the scheme are limited to specific contributions legislated from time to time and are currently limited to a maximum of Shs.80 per employee per month.

# NOTES TO THE FINANCIAL STATEMENTS

	2000	1999
	Sh'000	Sh'000

## **16 LOANS**

### UNSECURED

5.0% Kenya Government/Canadian loan 1990-2020	667,558	667,558
6.125% Kenya Government/Swiss mixed credit 1996-2005 (CHF 4,636,084)	221,249	233,069
2.6% Indosuez Bank, Belgium 1991-2004 (BEF 75,456,609)	138,885	172,498
3.15% Nordbanken loan 1990-2000	-	99,040
1.5% Finnish Export Credit 1990-2000 (FIM 590,178)	7,365	42,108
1.65% Nordbanken loan 1990-2000	-	18,234
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10.0% Kenya Government/Finnish loan 1988-2002 Standard Chartered Bank - Kenya Limited	11,206	11,206
- Motorola Loan 1990-2000	-	220,524
East African Development Bank 2000-2002	450,000	600,000
Standard Chartered Bank - Kenya Limited	-	132,780
Kenya Loans Loan 1995	-	32,613
Standard Chartered Bank - Kenya Limited	-	-
- Emirates	-	-
Standard	-	-
- Siemens	115,419	-
Triple A	41,667	-
ABN AMRO	<u>610,000</u>	<u>-</u>
Less: advances	2,263,349	2,257,710
	994,350	1,018,227
	<u>1,268,999</u>	<u>1,239,483</u>

## **17 DEFERRED TAXES**

Deferred taxes are recognised in accordance with IAS 12 at the differences under the liability method using the effective rate of 30%.

### Movement in deferred taxes

	2000	1999
	Sh'000	Sh'000
At 1 July as previously stated	1,207,550	869,624
Prior year adjustment	-	117,544
At 1 July	<u>1,207,550</u>	<u>987,168</u>
Current period	(966,287)	220,382
At 31 June	<u>241,263</u>	<u>1,207,550</u>

# NOTES TO THE FINANCIAL STATEMENTS

## **17 DEFERRED TAXATION** (Continued)

The deferred taxation liability at 30 June is attributable to the following items:

	<b>2000</b> Sh'000	<b>1999</b> Sh'000
Accelerated capital allowances	2,237,034	1,256,991
Tax losses	(1,886,964)	-
Provisions	(104,002)	-
Unrealised exchange losses	(4,805)	(49,441)
	<u>241,263</u>	<u>1,207,550</u>

## **18 TRADE AND OTHER PAYABLES**

KenGen	7,052,196	5,537,661
Customs	1,098,999	859,074
Carried forward	750,503	755,368
Suppliers' accounts	1,096,528	1,150,474
Due to Government	-	351,330
Kenya Electrification	588,817	426,333
Energy Regulatory	18,366	31,087
Pension Retirement Benefits	267,732	-
Leave pay provision	78,943	-
Others	<u>699,653</u>	<u>756,616</u>
	<u>11,651,737</u>	<u>9,867,943</u>
Less: Advances	(1,849,502)	(1,614,442)
	<u>9,802,235</u>	<u>8,253,501</u>

The customers' advances of Sh'1,849,502 have been reclassified to non-current liabilities as the amounts are not payable.

## **19 DUE TO GOVERNMENT OF KENYA**

This represents amounts due to the Government of Kenya which were taken over by the Government of Kenya in respect of the asset transfers between KenGen and KPLC during the year under review.

## **20 COMMERCIAL PAPER**

	<b>2000</b> Sh'000	<b>1999</b> Sh'000
Face value	1,500,000	-
Deferred charges	(26,892)	-
	<u>1,473,108</u>	-

## **21 BANK OVERDRAFTS**

The overdrafts are with local banks and attract interest at market rates. All the facilities are secured by corporate guarantees.

# NOTES TO THE FINANCIAL STATEMENTS

2000	1999
Sh'000	Sh'000

## 22 NOTES TO THE CASH FLOW STATEMENT

**(a) Reconciliation of operating (loss)/profit  
to net cash inflow from operations**

Operating (loss)/profit	(3,451,723)	1,902,177
Adjustments for:		
Depreciation	926,201	748,424
Profit on disposal of property, plant and equipment	(221,462)	(235,815)
Operating (loss)/profit before working capital changes	<u>(2,746,984)</u>	<u>2,414,786</u>
Decrease in amounts due to customers	260,401	455,057
(Increase)/decrease in trade and other receivables	(1,472,273)	86,392
Increase/(decrease) in advance payments	1,776,034	(2,172,061)
Increase in amounts due to Government of Kenya	2,194,845	-
Increase in amounts due to shareholders	1,306,113	-
Net cash inflow from operations	<u>1,318,136</u>	<u>784,174</u>

**(b) Analysis of cash equivalents**

Short term bank deposits	277,495	309,785
Bank advances	275,839	417,695
Bank overdrafts	<u>(1,058,909)</u>	<u>(1,982,408)</u>
	<u>(505,575)</u>	<u>(1,254,928)</u>

**(c) Major non-cash transaction**

During the year, the Group transferred to KenGen assets worth Shs.3,345,903,000 and Shs.2,433,000 which have not yet been dealt with in the current account with KenGen.

2000	1999
Sh'000	Sh'000

## 23 CAPITAL COMMITMENTS

Authorised but not committed	3,108,684	690,029
Authorised and contracted	2,599,165	3,161,674
Less: Amounts settled	<u>(1,388,368)</u>	<u>(1,684,147)</u>
	<u>1,210,797</u>	<u>1,477,527</u>
Less: Contracts settled	<u>(423,976)</u>	<u>(639,062)</u>
	<u>786,821</u>	<u>838,465</u>

# NOTES TO THE FINANCIAL STATEMENTS

## 24 CONTINGENT LIABILITIES

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Claims on the Company	1,358,822	1,368,634
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Employees' entitlements to annual leave are recognised when the services of employees. The outstanding liability in respect of annual leave as at 30 June 1999, arising from the adoption of International Accounting Standard No. 19, will be recognised over a period of five years with effect from the current financial year in line with the transitional provisions of International Accounting Standard No. 19 on staff benefits. Consequently, an amount of Shs.1,072,375,200 has been charged to the income statement at 30 June 1999 while Shs.78,943,000 has been charged to the income statement in the year ended 31 December 1998.

## 26 RETIREMENT BENEFITS OBLIGATION

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# TEN YEAR FINANCIAL AND STATISTICAL RECORD

<b>FOR YEAR ENDED</b>	<b>30th June</b>				
	<b>1991</b>	<b>1992</b>	<b>1993</b>	<b>1994</b>	<b>1995</b>
<b>UNITS SOLD (Millions)</b>	2,708	2,719	2,859	2,997	3,017
Average yield of units sold (cents)	141.23	167.60	175.00	309.63	429.49
Revenue from sale of electricity	Shs'000 3,824,734	Shs'000 4,556,374	Shs'000 5,001,004	Shs'000 9,279,744	Shs'000 12,957,798
<b>PROFIT/(LOSS) for the Year before exceptional item</b>	157,673	162,191	(261,178)	763,136	1,499,803
Exceptional item	—	—	—	—	—
<b>PROFIT/(LOSS) for the Year before tax</b>	157,673	162,191	(261,178)	763,136	1,499,803
<b>TAXATION CHARGE (CREDIT)</b>	19,000	81,000	60,000	151,000	416,872
<b>NET PROFIT/(LOSS) AFTER TAX</b>	138,673	81,191	(321,178)	612,136	1,082,931
Preference dividends paid	(1,930)	(1,930)	(1,930)	(1,930)	(1,930)
<b>NET PROFIT/(LOSS) AT ATTRIBUTION TO ORDINARY SHAREHOLDERS</b>	136,743	79,261	(323,108)	610,206	1,081,001
Capital by dividends	(28,134)	(28,134)	(28,134)	(31,651)	(35,168)
<b>NET PROFIT/(LOSS) FOR THE YEAR</b>	108,609	51,127	(351,242)	578,555	1,045,833
<b>FUNDS GENERATED FROM OPERATIONS</b>					
Profit/(Loss)	108,609	51,127	(351,242)	578,555	1,045,833
Depreciation	334	246,602	246,562	239,858	203,058
Interest	243	297,729	(104,680)	818,413	1,248,891
<b>CAPITAL EMPLOYED</b>					
Fixed Assets	3,475,186	3,577,085	3,747,281	4,523,340	4,523,340
Loan to Kera	307,229	530,979	378,683	298,056	298,056
Investment	—	4,300	4,300	4,300	4,300
Net current assets/(liabilities)	(54,651)	(148,818)	(129,539)	(107,367)	(107,367)
	3,727,764	3,963,546	4,000,725	4,718,329	4,718,329
<b>FINANCED BY</b>					
Ordinary shares	1,630,280	1,279,038	1,857,593	2,903,426	2,903,426
Preference shares	43,000	43,000	43,000	43,000	43,000
Loan capital issued	7,600	6,800	6,000	5,200	5,200
Loan capital transferred	2,042,066	2,633,103	2,094,132	1,766,703	1,766,703
Deferred taxation	4,818	1,605	—	—	—
Non current	—	—	—	—	—
	3,727,764	3,963,546	4,000,725	4,718,329	4,718,329
<b>CAPITAL EXPENDITURE</b>	269	98,690	352,819	410,642	979,782
Average cost of units sold (cents)	149	158	284	386	386
<b>PROFIT for the year before tax as a percentage of average capital employed</b>	4.36%	(6.79)%	19.16%	34.40%	34.40%
<b>ORDINARY DIVIDENDS</b>	16%	16%	18%	20%	20%
Earnings per share	15.55	9.02	(36.75)	69.40	122.95
Customer/employee ratio	26.35	28.20	31.20	34.62	41.79
Sales at wholesale price	248,566	249,610	274,067	294,227	348,488

# TEN YEAR FINANCIAL AND STATISTICAL RECORD

<b>FOR YEAR ENDED</b>	<b>30th June 1996</b>	<b>30th June 1997</b>	<b>30th June 1998</b>	<b>30th June 1999</b>	<b>30th June 2000</b>
UNITS SOLD (Millions)	3,269	3,406	3,498	3,564	3,365
Average yield of units sold (cents)	456.58	495.98	516.67	516.9	700.28
Revenue from sale of electricity	Shs'000 <u>14,926,761</u>	Shs'000 <u>16,893,149</u>	Shs'000 <u>18,073,232</u>	Shs'000 <u>18,422,731</u>	Shs'000 <u>23,564,466</u>
PROFIT/(LOSS) for the Year before exceptional item	1,512,042	2,160,099	2,005,343	1,721,924	(4,155,863) 1,581,594
Exceptional item	-	-	-	-	-
PROFIT/(LOSS) for the Year before tax	1,512,042	2,160,099	2,005,343	1,721,924	(2,574,269) (966,287)
TAXATION CHARGE (CREDIT)	<u>395,752</u>	<u>606,071</u>	<u>658,612</u>	<u>416,662</u>	
NET PROFIT/(LOSS) AFTER TAX	1,116,290	1,554,028	1,346,731	1,305,262	(1,607,982) (1,930)
Preference dividends	<u>(1,930)</u>	<u>(1,930)</u>	<u>(1,930)</u>	<u>(1,930)</u>	
NET PROFIT/(LOSS) AVAILABLE TO ORDINARY SHAREHOLDERS	1,094,360	1,552,098	1,344,801	1,303,332	(1,609,912) (158,256)
ORDINARY DIVIDENDS	<u>(1,094,672)</u>	<u>(422,016)</u>	<u>(422,016)</u>	<u>(633,024)</u>	
NET PROFIT/(LOSS) FOR THE YEAR	<u>973,688</u>	<u>1,130,082</u>	<u>922,785</u>	<u>670,308</u>	<u>(1,768,168)</u>
FUNDS GENERATED FROM OPERATIONS					
Profit/(Loss)	973,688	1,130,082	922,785	670,308	(1,768,168)
Depreciation	<u>30</u>	<u>406,484</u>	<u>579,494</u>	<u>748,424</u>	<u>926,201</u>
Interest	<u>18</u>	<u>1,536,566</u>	<u>1,502,279</u>	<u>1,418,732</u>	<u>(841,967)</u>
CAPITAL EXPENDITURE					
Fixed Assets	6,587,490	7,548,159	9,136,366	12,022,675	
Loan to KenGen	146,242	80,871	-	-	-
Investments	4,300	4,300	4,300	4,300	
Net current assets/(liabilities)	<u>(340,480)</u>	<u>(389,532)</u>	<u>694,474</u>	<u>(2,445,301)</u>	
	<u>3,083</u>	<u>6,397,552</u>	<u>7,243,798</u>	<u>9,835,140</u>	<u>9,581,674</u>
FINANCED BY					
Ordinary shares	5,007,196	5,060,357	5,730,665	3,962,497	
Preference shares	43,000	43,000	43,000	43,000	
Loan capital	-	-	-	-	-
Loan capital	1,347,356	1,153,273	1,239,483	1,268,999	
Deferred tax	-	987,168	1,207,550	241,263	
Non current	-	-	1,614,442	4,065,915	
	<u>5,397,552</u>	<u>7,243,798</u>	<u>9,835,140</u>	<u>9,581,674</u>	
CAPITAL EXPENDITURE	583	223,312	1,542,191	2,351,083	4,669,768
Average cost of units sold (cents)	459	471	464	464	803
PROFIT for the year before tax as a percentage of average capital employed	2.100%	36.73%	29.40%	20.16%	(26.52)%
ORDINARY DIVIDENDS	40%	40%	40%	40%	10%
Earnings per share	21.12	29.42	17	16.47	(20.35)
Customer employment	49.62	51.52	63.20	66.57	71.31
Sales (Kshs'000)	<u>398,999</u>	<u>411,402</u>	<u>488,070</u>	<u>501,972</u>	<u>474,278</u>

# SIX YEAR STATISTICAL ANALYSIS

**TABLE 1: GROSS GENERATION AND CONSUMPTION OF ELECTRICITY FOR INTERCONNECTED AND ISOLATED SYSTEMS**

POWER STATION	Capacity (MW) as at 30.6.00		ENERGY (GWH)						Avg. Annual Growth over the Last 5 Yrs <sup>a</sup>
	Installed	Effective <sup>b</sup>	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00 <sup>c</sup>	
<b>HYDRO</b>									
Tana	14.4	12.4	78	97	84	76	82	63	
Wanjii	7.4	7.4	27	51	48	51	35	46	
Kamburu	91.5	84.0	485	491	446	480	410	247	
Gitaru	225.0	145.0	704	701	926	818	789	734	
Kindaruma	40.0	40.0	213	239	230	198	240	157	
Small Stations	6.2	5.4	22	29	24	26	21	19	
UEB (Imports)	30.0	0.0	187	149	144	146	140	155	
Masinga	40.0	40.0	200	225	215	204	223	142	
Kiamberi	144.0	144.0	996	1031	1028	1023	1037	813	
Turkwei	106.0	106.0	379	299	353	384	436	214	
<b>TOTAL HYDRO</b>									
<b>INCLUDING IMPORTS</b>	<b>704.5</b>	<b>584.2</b>	<b>3290</b>	<b>3312</b>	<b>3497</b>	<b>3404</b>	<b>3414</b>	<b>2590</b>	<b>0.6%</b>
<b>THERMAL</b>									
Kipevu Steam	45.5	36.0	218	224	200	201	141	199	
Kipevu 275MWJ, 1995	75.0	70.0	0	0	0	0	0	393	
<b>GEOTHERMAL</b>									
Olkaria	45.0	290	390	393	366	390	381		
Geothermal (PP)	8.0	-	-	-	-	-	-	2	
<b>GT/TURBINE</b>									
Kenya South	10.0	16	59	6	0	15	30		
	60.0	31	112	168	139	191	394		
<b>LNG</b>									
Ruiru 5	R	2	2	3	0	0	0		
Independent Power	87.5	0	0	7	383	463	463		
WIND TURBINES	0.4	1	1	1	1	0	0		
<b>INTERCONNECTED SYSTEM</b>	<b>1.1</b>	<b>3848</b>	<b>4100</b>	<b>4274</b>	<b>4495</b>	<b>4615</b>	<b>4441</b>		<b>4.4%</b>
<b>ISOLATED SYSTEM</b>									
KenGen Stations	10	11	11	11	11	11	10		
REF Stations	7	8	11	10	11	11	10		
<b>TOTAL ISOLATED</b>	<b>17</b>	<b>19</b>	<b>22</b>	<b>21</b>	<b>22</b>	<b>19</b>			<b>5.1%</b>
<b>GROSS GENERATION</b>	<b>1048.4</b>	<b>3866</b>	<b>4119</b>	<b>4296</b>	<b>4516</b>	<b>4637</b>	<b>4461</b>		<b>4.4%</b>
AUXILIARY CONSUMPTION	15	52	44	41	35	0			-1.4%
SYSTEM LOAD	598	660	695	831	884	957			9.6%
SALES (KWH)	3089	3269	3406	3498	3564	3386			3.5%
LOSS (%)	134	138	150	146	153	138			2.1%
<b>TOTAL SALES</b>	<b>223</b>	<b>3407</b>	<b>3557</b>	<b>3644</b>	<b>3717</b>	<b>3504</b>			<b>3.5%</b>
SYSTEM PERFORMANCE	85	648	680	721	734	708			3.7%
System Load (%)	72.3%	72.1%	71.5%	72.2%	71.9%				
Sales % of Net Generation	83.8%	83.6%	81.4%	80.8%	78.5%				
Losses as % of Net Generation <sup>d</sup>	16.2%	16.4%	18.6%	19.2%	21.5%				
Annual growth - GENERATION	6.8%	4.3%	5.1%	2.7%	-3.8%				
SALES KPI	5.8%	4.2%	2.7%	1.9%	-5.6%				
SALES REPS	3.1%	9.1%	-2.8%	4.6%	-9.8%				

## NOTES

- 1) Maximum non-simultaneous capacity available during the year.
- 2) Comprises technical and auxiliary consumption.
- 3) The 1999/2000 figures include power purchased from UEB.
- 4) Auxiliary units transferred to KenGen prior to the transfer of ownership of the power stations to KenGen.
- 5) Ruiru power delivered to Kenya.
- 6) The five year growth values are based on 1993/94 to 1998/99 due to distortions caused by the year 1999/2000 for all the tables.

# SIX YEAR STATISTICAL ANALYSIS

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

AREA	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00	Avg. Annual Growth over the Last 5 Yrs
Nairobi	322	345	372	399	400	408	4.1%
Coast	121	135	146	141	134	147	0.5%
Central Rift	42	47	45	45	52	51	4.1%
West Kenya	67	67	72	77	79	77	4.5%
Mt. Kenya	36	38	40	44	45	43	4.8%
North Rift	29	31	35	35	33	31	2.0%
<b>TOTAL SYSTEM (SIMULTANEOUS)</b>	<b>605</b>	<b>648</b>	<b>680</b>	<b>721</b>	<b>734</b>	<b>708</b>	<b>3.7%</b>
<b>% INCREASE P.A.</b>	<b>-1.1%</b>	<b>7.2%</b>	<b>4.9%</b>	<b>5.9%</b>	<b>1.8%</b>	<b>-3.5%</b>	

**TABLE 3: SALES OF ELECTRICITY IN GWhr SHOWN IN DIFFERENT CATEGORIES OF CUSTOMERS**

TARIF	CATEGORY OF CUSTOMERS	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00	Avg. Annual Growth over the Last 5 Yrs
A	Domestic small							
	Commercial and Industrial	1,049	1,116	1,207	1,270	1,158		5.4%
B	Commercial and Industrial	618	657	665	680	724		4.0%
C	Commercial and Industrial	1,291	1,536	1,526	1,513	1,398		2.7%
D	Commercial and Industrial		86	89	92	74		-5.9%
E	Small		10	11	9	11		-3.0%
<b>TOTAL</b>		<b>3,406</b>	<b>3,498</b>	<b>3,564</b>	<b>3,366</b>	<b>3,564</b>		<b>3.5%</b>
<b>% INCREASE P.A.</b>		<b>4.2%</b>	<b>2.7%</b>	<b>1.9%</b>	<b>-5.6%</b>			

**TABLE 4: AREA TOTAL UNITS SOLD (GWhr)**

AREA	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00	Avg. Annual Growth over the Last 5 Yrs
Nairobi							
Coast	1,664	1,700	1,736	1,867	1,981	1,884	3.9%
Central Rift	189	185		223	205	202	3.0%
West Kenya	303	314		382	386	375	4.8%
Mt. Kenya	133	151		151	159	143	4.7%
North Rift	139	139		145	137	124	0.4%
KPLC Sales	3,089	3,269	3,406	3,498	3,564	3,366	3.5%
R.E.P.Schemes			150	146	153	138	2.1%
<b>TOTAL</b>	<b>3,225</b>	<b>3,407</b>		<b>3,644</b>	<b>3,717</b>	<b>3,504</b>	<b>3.5%</b>
<b>% INCREASE P.A.</b>	<b>2.4%</b>	<b>5.7%</b>		<b>2.5%</b>	<b>2.0%</b>	<b>-5.7%</b>	

# SIX YEAR STATISTICAL ANALYSIS

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

AREA	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00	Avg. Annual Growth over the Last 5 Yrs
Nairobi	418	432	438	489	542	497	4.4%
Coast	103	134	144	153	131	131	7.1%
Central Rift	39	31	38	39	39	37	1.2%
West Kenya	29	32	34	33	35	35	4.2%
Mt. Kenya	29	28	26	29	39	28	6.5%
North Rift	19	17	18	18	18	20	0.3%
<b>TOTAL</b>	<b>636</b>	<b>674</b>	<b>697</b>	<b>761</b>	<b>804</b>	<b>748</b>	<b>4.7%</b>
% INCREASE P.A.	0.7%	6.0%	3.4%	9.2%	5.6%	-6.9%	

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

AREA	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00	Avg. Annual Growth over the Last 5 Yrs
Nairobi	154	213	213	266	229	9.3%	
Coast	78	71	70	65	57	6.6%	
Central Rift	36	39	39	37	37	-0.9%	
West Kenya	39	40	40	43	39	4.8%	
Mt. Kenya	31	39	35	36	32	3.6%	
North Rift	17	17	16	19	16	4.6%	
<b>TOTAL</b>	<b>415</b>	<b>418</b>	<b>414</b>	<b>466</b>	<b>410</b>	<b>6.7%</b>	
% INCR	11.7%	-1.1%	12.6%	-12.1%			

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

AREA	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00	Avg. Annual Growth over the Last 5 Yrs
Nairobi	25.3	17.2	30.2	39.1			-5.2%
Coast	0.6	0.4	0.7	0.7			10.3%
Central Rift	2	7.3	10.6	11.0			-5.0%
West Kenya	0	0.9	1.4	1.6			0.5%
Mt. Kenya	7	1.3	2.1	2.1			2.4%
North Rift	10.0	0.1	0.0	0.0			0.0%
<b>TOTAL</b>	<b>41.4</b>	<b>4</b>	<b>27</b>	<b>45</b>	<b>54</b>	<b>-4.6%</b>	
% INCREASE P.A.	29.9%	10.0%	-42.4%	66.1%	21.0%		

## SIX YEAR STATISTICAL ANALYSIS

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

AREA	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00	Avg. Annual Growth over the Last 5 Yrs
Nairobi	259	326	347	359	371	398	7.3%
Coast	106	103	103	112	104	104	0.6%
Central Rift	45	50	56	59	52	55	4.9%
West Kenya	41	38	38	45	43	41	2.4%
Mt. Kenya	23	22	25	27	28	28	5.4%
North Rift	25	25	27	29	29	28	0.7%
<b>TOTAL</b>	<b>499</b>	<b>564</b>	<b>597</b>	<b>629</b>	<b>627</b>	<b>654</b>	<b>5.0%</b>
% INCREASE P.A.	4.7%	13.0%	5.8%	5.5%	-0.3%	4.4%	

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

AREA	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00	Avg. Annual Growth over the Last 5 Yrs
Nairobi	6.5	7.0	3.5	3.2	9.0		-14.7%
Coast	1.9	5.4	2.1	2.3	2.5		10.0%
Central	0.6	0.5	0.8	0.8	0.7		-5.4%
West Kenya	0.2	0.7	0.6	0.6	0.9		-10.6%
Mt. Kenya	0.0	0.0	0.0	0.0	0.0		0.0%
North Rift	0.3	2.2	1.3	1.3			15.8%
<b>TOTAL</b>	<b>13.9</b>	<b>9.1</b>	<b>8.2</b>	<b>14.3</b>			<b>-6.2%</b>
% INCREAS	39.0%	-34.1%	-10.4%	74.9%			

**TABLE 10: AREA SALE OF ELECTRICITY IN GWhr FOR CATEGORY "B3"  
MEDIUM COMMERCIAL AND INDUSTRIAL LOAD(66KV or 132KV)**

AREA	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00	Avg. Annual Growth over the Last 5 Yrs
Nairobi	0.0	0.0	0.0	0.0	0.0	0.8	0.0%
Coast	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
Central Rift	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
West Kenya	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
Mt. Kenya	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
North Rift	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
<b>TOTAL</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.8</b>	<b>0.0%</b>	<b>0.0%</b>
% INCREASE P.A.	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

# SIX YEAR STATISTICAL ANALYSIS

**TABLE 11: AREA SALE OF ELECTRICITY IN GWHR FOR CATEGORY "C1"  
LARGE COMMERCIAL AND INDUSTRIAL LOAD (240V or 415V)**

AREA	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00	Avg. Annual Growth over the Last 5 Yrs
Nairobi	201	249	292	232	204	173	-0.3%
Coast	109	106	109	91	92	95	-1.2%
Central Rift	32	35	40	46	40	39	8.4%
West Kenya	60	53	57	72	68	69	7.4%
Mt. Kenya	39	37	32	44	40	44	4.6%
North Rift	22	18	17	17	14	12	-6.6%
<b>TOTAL</b>	<b>463</b>	<b>502</b>	<b>547</b>	<b>503</b>	<b>458</b>	<b>431</b>	<b>1.3%</b>
% INCREASE P.A.	7.6%	8.4%	9.0%	-8.0%	-8.9%	-5.8%	

**TABLE 12: AREA SALE OF ELECTRICITY IN GWHR CATEGORY "C2" LARGE COMMERCIAL AND INDUSTRIAL LOAD(11KV OR 33KV)**

AREA	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00	Avg. Annual Growth over the Last 5 Yrs
Nairobi	359	357	334	362	327		2.5%
Coast	261	218	254	245	203		0.5%
Central Rift	23	20	26	21	20		4.8%
West Kenya	58	58	44	44	40		-3.6%
Mt. Kenya	8	8	8	9	8		-1.7%
North Rift	61	66	61	54	46		0.9%
<b>TOTAL</b>	<b>669</b>	<b>728</b>	<b>727</b>	<b>735</b>	<b>643</b>		<b>1.3%</b>
% INCR	-2.2%	-5.3%	-0.1%	1.0%	-12.6%		

**TABLE 13: AREA SALE OF ELECTRICITY IN GWHR CATEGORY "C3" LARGE COMMERCIAL AND INDUSTRIAL LOAD(66KV OR 132KV)**

AREA	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00	Avg. Annual Growth over the Last 5 Yrs
Nairobi	62	122	115	133	133		14.9%
Coast	41	44	38	40	42		0.1%
Central Rift	0	0	0	0	0		-
West Kenya	95	143	147	138			8.2%
Mt. Kenya	0	0	0	0			-
North Rift	0	0	0	0			-
<b>TOTAL</b>	<b>229</b>	<b>261</b>	<b>296</b>	<b>320</b>	<b>313</b>		<b>9.3%</b>
% INCR	-20.5%	-8.8%	13.4%	8.1%	-2.1%		

## SIX YEAR STATISTICAL ANALYSIS

**TABLE 14: AREA SALE OF ELECTRICITY IN GWhr CATEGORY "C5" LARGE COMMERCIAL AND INDUSTRIAL LOAD(66KV OR 132KV)**

AREA	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00	Avg. Annual Growth over the Last 5 Yrs
Nairobi	0	0	0	0	0	0	0.0%
Coast	0	0	0	0	0	0	0.0%
Central Rift	0	0	0	0	0	0	
West Kenya	0	0	0	0	0	11	0.0%
Mt. Kenya	0	0	0	0	0	0	
North Rift	0	0	0	0	0	0	
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11</b>	<b>0.0%</b>
% INCREASE P.A.	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

**TABLE 15: AREA SALE OF ELECTRICITY IN GWhr FOR CATEGORY "D0" SMALL COMMERCIAL LOAD**

AREA	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00	Avg. Annual Growth over the Last 5 Yrs
Nairobi	2.2	92.4	76.9	80.9	62.4	69.0	-12.0%
Coast	8	2.6	3.6	2.7	15.3	1.6	68.6%
Central Rift	1	1.0	1.0	1.5	3.5	1.0	20.6%
West Kenya	1.3	1.5	1.3	4.2	0.8	22.2%	
Mt. Kenya	1.6	1.9	1.4	4.6	0.9	18.0%	
North Rift	0.8	1.1	0.8	2.3	0.5	17.2%	
<b>TOTAL</b>	<b>100</b>	<b>86</b>	<b>89</b>	<b>92</b>	<b>74</b>	<b>-5.9%</b>	
% INCREASE P.A.	16.3%	-13.8%	3.0%	4.3%	-20.2%		

**TABLE 16: AREA SALE OF ELECTRICITY IN GWhr FOR CATEGORY "E0"**

AREA	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00	Avg. Annual Growth over the Last 5 Yrs
Nairobi		8.3	9.6	7.5	8.8	2.9%	
Coast		0.9	0.1	0.7	1.8	-14.3%	
Central Rift		-0.8	0.4	0.4	0.4	-18.0%	
West Kenya		1.0	0.4	0.2	0.0	-19.3%	
Mt. Kenya		0.6	0.7	0.3	0.2	-13.5%	
North Rift		0.2	0.7	0.2	0.3	0.2	-3.6%
<b>TOTAL</b>	<b>10.5</b>	<b>10.2</b>	<b>10.8</b>	<b>9.3</b>	<b>11.3</b>	<b>-2.3%</b>	
% INCREASE P.A.	76.4%	33.0%	-17.9%	5.9%	-13.5%	21.7%	

# SIX YEAR STATISTICAL ANALYSIS

**TABLE 17: AREA REF UNIT SALES (GWhr)**

AREA	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00	Avg. Annual Growth over the Last 5 Yrs
Nairobi	26	34	36	32	41	40	2.6%
Coast	13	6	17	13	15	14	3.7%
Central Rift	20	21	22	23	20	19	0.1%
West Kenya	36	36	35	32	35	28	1.9%
Mt. Kenya	21	22	17	24	19	17	0.6%
North Rift	19	18	24	23	23	20	4.0%
<b>TOTAL</b>	<b>134</b>	<b>138</b>	<b>150</b>	<b>146</b>	<b>153</b>	<b>138</b>	<b>2.1%</b>
% INCREASE P.A.	2.9%	3.1%	9.0%	-2.7%	4.6%	-9.8%	

**TABLE 18: AREA TOTAL NUMBER OF CUSTOMERS**

AREA	AS AT 30TH JUNE						Avg. Annual Growth over the Last 5 Yrs
	1995	1996	1997	1998	1999	2000	
Nairobi	196,802	196,414	206,891	221,603	230,074	250,553	6.3%
Coast	61,401	61,933	63,656	66,678	67,815	68,230	3.8%
Central Rift	26,813	27,796	29,733	32,059	35,048	36,667	6.6%
West Kenya	29,772	30,986	32,399	33,268	34,667	44,667	4.6%
Mt. Kenya	27,145	28,256	29,665	31,470	33,076	35,971	5.9%
North Rift	13,295	13,673	14,907	16,549	17,707	17,707	7.1%
KPLC Customers	355,372	371,258	394,985	411,235	439,281	459,281	5.8%
R.E.F. Customers	1,151	55,242	57,978	61,449	66,670	86,670	8.6%
<b>TOTAL</b>	<b>1,523</b>	<b>426,500</b>	<b>452,963</b>	<b>472,684</b>	<b>505,951</b>	<b>535,951</b>	<b>6.1%</b>
% INCREASE P.A.	4.7%	4.9%	6.2%	4.4%	7.0%		

# SIX YEAR STATISTICAL ANALYSIS

**TABLE 19: NUMBER OF CUSTOMERS IN TERMS OF TARIFF CATEGORY**

TARIFF	MAIN TYPE OF CUSTOMERS COVERED BY THIS TARIFF	AS AT 30TH JUNE						Avg. Annual Growth over the Last 5 Yrs
		1995	1996	1997	1998	1999	2000	
A0 only	Domestic							
	KPLC	226,228	244,708	256,535	273,532	290,687	315,327	6.4%
A0 & D0	REF	25,200	29,151	31,715	33,499	36,737	41,214	9.6%
A1 only	Domestic							
	KPLC	34,628	35,264	35,991	41,787	42,878	44,316	3.9%
A1 & D0	REF	60	67	62	228	256	265	30.4%
A1 only	Small Commercial							
	KPLC	57,696	67,083	70,129	72,332	72,025	73,828	5.9%
A1 & D0	REF	18,196	21,627	23,133	23,811	24,196	24,964	7.2%
B0	Small Industrial and Commercial							
	KPLC	3,281	3,186	3,744	1,691	1,193	1,076	-18.5%
B0	REF	120	131	149	304	121	100	-0.3%
B0	Irrigation							
	KPLC	352	380	389	291	265	266	-4.4%
B0	REF	27	34	36	10	8	7	-16.7%
B1	Medium Commercial							
	KPLC	1,977	2,073	2,126	2,285	2,326	2,485	4.4%
B1	REF	91	111	113	81	98	91	-0.4%
B2	Medium Industrial and Commercial							
B2	KPLC	21	19	20	21	20	40	-1.0%
B3	Medium Industrial and Commercial							
B3	KPLC	0	0	0	0	0	3	-
C1	Medium Industrial and Commercial							
	KPLC	279	284	286	282	245	245	0.4%
C1	REF	11	12	7	5	3	3	-12.9%
C2	Medium Industrial and Commercial							
	KPLC	111	117	135	140	125	125	4.4%
C2	REF	0	0	0	0	0	0	0%
C3	Medium Industrial and Commercial							
	KPLC	17	17	18	19	14	14	6.3%
C3	REF	0	0	0	0	0	0	-
C5	Medium Industrial and Commercial							
	KPLC	0	0	0	0	1	1	-
D0 only	Domestic							
	KPLC	2,121	1,776	2,383	806	659	659	-15.0%
D0 only	REF	10	12	25	15	14	14	2.9%
E0	Street lighting							
	KPLC	12	31	134	224	594	896	39.6%
E0	REF	5	9	10	13	13	12	10.2%
		5,372	371,258	394,985	411,235	439,281	505,951	5.8%
		43,718	55,151	55,242	57,978	61,449	66,670	8.6%
<b>GROSS TOTAL</b>		<b>370,456</b>	<b>426,500</b>	<b>452,963</b>	<b>472,684</b>	<b>505,951</b>	<b>505,951</b>	<b>6.1%</b>
<b>% INCREASE PER ANNUM</b>		<b>5.3%</b>	<b>9.7%</b>	<b>4.9%</b>	<b>6.2%</b>	<b>4.4%</b>	<b>7.0%</b>	

# SIX YEAR STATISTICAL ANALYSIS

**TABLE 20: REVENUE (Shs' MILLION) IN CATEGORY OF CUSTOMERS**

TARIFF	CATEGORY OF CUSTOMERS	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00	Avg. Annual Growth over the Last 5 Yrs
A	Domestic, small commercial and small industrial	3,999	4,264	5,946	6,419	6,627	8,989	18.1%
B	Commercial and Industrial (medium)	2,879	3,102	3,422	3,741	4,077	5,426	14.6%
C	Commercial (large) Industrial (large)	5,626	6,300	6,557	6,834	7,014	8,576	12.5%
D	Off-peak	353	386	331	357	365	385	-1.4%
E	Street Lighting	87	48	50	52	47	95	5.1%
SUB TOTAL		12,944	14,100	16,308	17,403	18,130	23,471	14.4%
OTHERS		14	825	585	670	293	93	89.4%
TOTAL REVENUE		12,958	14,926	16,893	18,073	18,423	23,564	14.7%
PER CAPITA		773	849	804	851	1,086	1,086	15.7%
<b>GROSS TOTAL</b>		<b>15,741</b>	<b>15,699</b>	<b>17,742</b>	<b>18,877</b>	<b>19,274</b>	<b>24,650</b>	<b>14.7%</b>
% INCREASE (%)		40.1%	15.7%	13.0%	6.4%	2.1%	27.9%	

**TABLE 21: STAFF ANALYSIS**

		AS AT 30TH JUNE				Avg. Annual Growth over the Last 5 Yrs		
		1997	1998*	1999	2000			
Nationality								
Citizen		8,278	7,166	7,099	6,972	-7.0%		
Non Citizen		1	1	1	1	-30.1%		
Total		8,279	7,167	7,100	6,973	-7.0%		
% INCREASE (%)		1.0%	-13.4%	-0.9%	-1.8%			
Sex								
Male		7,830	7,183	7,212	6,078	5,963	5,789	-8.1%
Female		449	940	1,067	1,089	1,137	1,184	0.8%
Ratio-Male/Female					6	5	5	
Job								
Technical		14	4,512	4,615	3,703	3,703	3,9%	
% of total staff		1%	63.0%	65.0%	53.1%	53.1%	11.7%	
Non Technical		5	2,655	2,485	3,270	3,270	-17.2%	
% of total staff		5	37.0%	35.0%	46.9%	46.9%	-11.0%	

\* Staff separations between KPLC and KENGEN was done during 1997/98.

# SIX YEAR STATISTICAL ANALYSIS

**TABLE 22: TRANSMISSION AND DISTRIBUTION LINES:  
CIRCUIT LENGTH (KMS)**

VOLTAGE	AS AT 30TH JUNE						Avg. Annual Growth over the Last 5 Yrs
	1995	1996	1997	1998	1999	2000	
220 KV	877	877	877	877	877	877	
132 KV	1,980	1,980	1,997	1,997	1,997	1,997	
66 KV	573	573	574	574	574	576	
40 KV	126	126	126	126	126	126	
33 KV	3,876	3,969	4,094	4,203	4,516	4,639	
11 KV	9,250	9,372	9,616	9,671	10,029	10,397	
<b>TOTAL</b>	<b>16,682</b>	<b>16,897</b>	<b>17,284</b>	<b>17,448</b>	<b>18,120</b>	<b>18,612</b>	<b>2.4%</b>
% INCREASE P.A.	3.7%	1.3%	2.3%	1.0%	3.8%	2.7%	

**TABLE 23: TRANSFORMERS IN SERVICE  
TOTAL INSTALLED CAPACITY IN MVA**

	AS AT 30TH JUNE						Avg. Annual Growth over the Last 5 Yrs
	1995	1996	1997	1998	1999	2000	
<b>Generation Systems</b>							
11/220kV	288	288	293	293	293	293	
11/132kV	47	417	431	431	431	431	
11/66kV	30	90	90	90	90	90	
11/33kV	217	217	263	263	263	263	
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>1,742</b>	<b>1,788</b>	<b>1,788</b>	<b>1.5%</b>
<b>Distribution Lines</b>							
220/132kV	680	680	580	580	580	580	
220/66kV	140	180	180	180	180	180	
132/66kV*	75	375	375	375	375	375	
132/33kV	96	531	554	577			
66/11kV	62	631	631	675			
66/33kV	15	38	61				
40/11kV**	22	24	17.5	11			
33/11kV	452	497	512				
<b>TOTAL</b>	<b>2,290</b>	<b>2,456</b>	<b>2,544</b>	<b>2,788</b>	<b>2,873</b>	<b>2,971</b>	<b>3.5%</b>
<b>Distribution Taps</b>							
11/0.415kV and 33/0.415kV	1,809	1,963	1,961	2,079	2,181	2,181	4.3%