

INTEGRATED ANNUAL REPORT & FINANCIAL STATEMENTS FORTHE YEAR ENDED 30 JUNE 2016

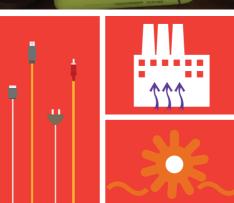
# Part of everyday life



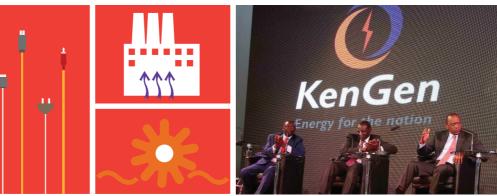












# Our Value Statements

# Vision To be the market leader in the provision of reliable, safe, quality and competitively priced electric energy in the Eastern Africa region.

# Our Philosophy We promise to create value for all our stakeholders cutting across our shareholders, employees, communities neighbouring our plants and our fellow citizens. We will continue focusing in achieving sustainability in value creation from the "present generation" of Kenyans to the "next and future generation" of Kenyans. Our long-term commitment is to empower our people and our economy with reliable, safe and competitively-priced electrice energy that is environmentally friendly and continue being a socially responsible Company.

# **Mission**

To efficiently generate competitively priced electric energy using state of the art technology, skilled and motivated human resource to ensure financial success. We shall achieve market leadership by undertaking least cost and environmentally friendly capacity expansion. Consistent with our corporate culture, our core values will be adhered to in all operations.



**Professionalisim** 





**Safety Culture** 

**Core Values** 

Integrity





**Team Spirit** 

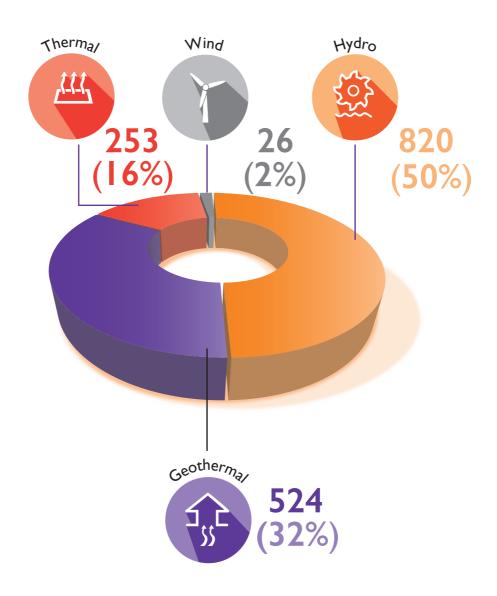
# Contents



1.	Our Profile	4
2.	Leadership Overview	16
3.	Corporate Governance Statement	34
4.	Review of our Performance	50
5.	Our Strategic Direction	72
6.	Sustainability Report	98
7.	Financial Statements	124
8.	Statistics	196
9.	Shareholder Calender	208

# **Core Business**

Kenya Electricity Generating Company Limited (KenGen) is the largest power producer in Kenya and East Africa. With an installed capacity of 1,623 MW the Company commands a market share of 69% and generated 80% of national energy consumption as at 30 June 2016.



# **Significant Facts**

#### Significant Facts

- Largest Geothermal Producer making Kenya the 7th in the World
- Developed the Single Largest Geothermal Project in the World (Olkaria 280 MW)
- Champion in development of Geothermal Wellhead Condensing Technology
- Operationalized of 83MW installed capacity of geothermal wellhead modular plants, the largest in the world
- Drilled the largest Geothermal 30MW Well in Africa
- Executed the first Commercial Geothermal Drilling Contract
- Diversified Revenue Streams through Geothermal Consultancy Works
- Commissioned a natural Geothermal Spa in Kenya
- ISO QMS 9001:2008 and EMS 14001:2004 certified
- The only company in Kenya to earn Carbon Asset Funds under the Clean Development Mechanism (CDM)
- Largest Wind Power Producer in East Africa

#### **Awards**

- Africa Power Utility Company of the Year 2015 by Africa Utility
- Africa Power Utility of the Year 2015 by East African Power Industry Convention (EAPIC) 2015
- Clean Energy Project of the Year by EAPIC 2015
- Best Practice in Board Diversity Award by NSE 2015
- Financial Reporting (Corporate Governance Category) by FiRe Awards 2015
- Financial Reporting (IFRS Public Sector Entities) by FiRe Awards 2015
- Financial Reporting (State Corporations & Semi-Autonomous Government Agencies Category by FiRe Awards 2015

### **Our Milestones**

#### 1945 - 1954

- Kenya Power Company (KPC) incorporated as a private company and converted to a public company in
- Wanjii Power station 7.44MW was commissioned

First Ngong' Wind Farm 0.35MW commissioned

1985 - 1994

- Turkwel 106MW Hydro Power Plant commissioned
- Kiambere Hydro power plant 144MW commissioned

# 1965 - 1974 Completed the First post-independence Power Plant along the Tana River: Kindaruma 40MW Hydro Plant Completed the first three geothermal exploration wells in Africa within Olkaria Geothermal Field Nairobi South 13.5MW Thermal Plant commissioned 1925 - 1944 First hydro Power Plant; Ndula Power Plant commissioned (2MW) Mesco Hydro Power Plant (0.38MW)

#### 1955 - 1964

- Drilling of geothermal wells in Olkaria kicked
- Gogo 2MW Hydro Power Plant commissioned
- Sagana Hydro Power Plant I.5MW
- Sosiani Hydro Power Plant 0.4MW

#### 1995 - 2004

- Kenya Power Company rebranded as KenGen following a restructuring in the Power Subsector
- Becomes the First Kenyan Parastatal to be ISO: 9001 Standard certified
- Kipevu I with installed capacity of 75MW commissioned
- Gitaru unit 180MW was commissioned, in addition to Gitaru unit 2 and 3 commissioned earlier, this made Gitaru Hydro power plant the Largest Hydro Plant in Kenya at 225MW

- First I5MW Geothermal Unit in Olkaria I installed and a total of 45MW completed in 1985
- 145MW Gitaru Units 2 & 3 commissioned

1975 - 1984

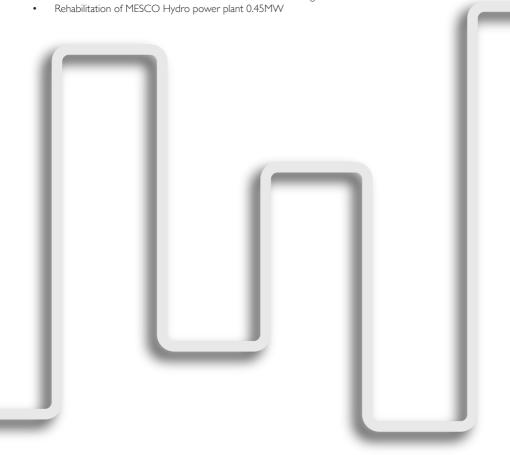
- Masinga Hydro power plant 40MW. Masinga dam the main reservoir of Tana River cascade, has a capacity of 1.56 billion cubic metres of water.
- Kamburu Hydro power plant 94.2MW commissioned

### **Our Milestones**

#### 2005 - 2014

- Ground breaking ceremony of the Single Largest Geothermal Project in the World (Olkaria 280 MW)
- Largest Wind Farm in Kenya Completed: Ngong 25.5MW
- Ambitious Resettlement Action Plan (RAP) for 150 households in Olkaria completed
- Innovative Wellhead Technology Project of 75MW Rolled Out
- Drilled the largest Geothermal 30MW Well in Africa
- Quickest Thermal Power Plant in East Africa commissioned in record 14 months: Kipevu III 120MW
- Largest Public Infrastructure Bond in Kenya; successfully raised over Kshs.26 billion
- Deepened Kenyan Capital Markets through successful public listing with 336% subscription rate on the Nairobi Stock Exchange
- 60MW Sondu Miriu Hydro Power a run-off the river plant with a 17km penstock tunnel commissioned
- Olkaria II 70MW commissioned
- Commissioned Sang'oro Hydro power plant 21.2MW
- Upgraded Kiambere Hydro power station from 144MW to 168MW
- Upgraded Kindaruma Hydro power station from 40MW to 72MW
- Upgraded Tana Hydro power station from 14.4MW to 20MW
- Commissioned Supervisory Control and Data Acquisition (SCADA) phase I system for all major hydro power plants.

• Decommissioned Nairobi south in bid to reduce on thermal generation



#### 2015

- Completed the Single Largest Geothermal Project in the World (Olkaria 280 MW)
- ISO QMS 9001:2008 and EMS 14001:2004 recertified
- Commissioning of natural Geothermal Spa

# Who We Are

Kenya Electricity Generating Company (KenGen), a limited liability company incorporated under the laws of Kenya, is engaged in the core business of generating electricity through development, management and operation of power plants. KenGen was incorporated in 1954 under the Company Acts of the Laws of Kenya as Kenya Power Company (KPC) with 100% government ownership. The shareholders of the company later contracted East Africa Power & Lighting Company (EAP&L) to manage KPC. EAP&L later changed to Kenya Power & Lighting Company (KPLC) in 1983.

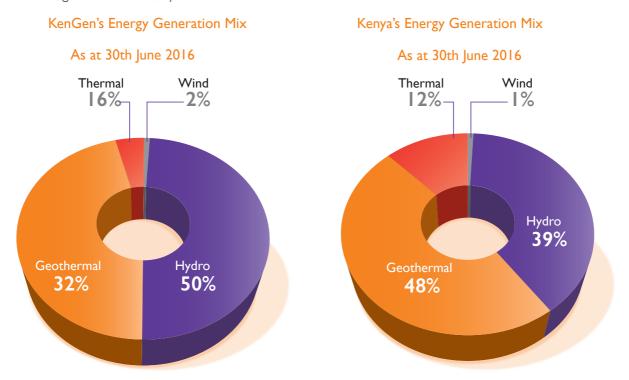
In 1996 the government initiated major reforms in the energy sector. Generation of electricity was unbundled and management of KPC was officially separated from Kenya Power and renamed KenGen in January 1997. KenGen took charge of all public owned generating assets while KPLC maintained the transmission and distribution function.

The government sold 30% of its stake in the Company and in 2006, KenGen was listed in the Nairobi Securities Exchange (NSE) through a successful Initial Public Offer (IPO). The company has always returned value to its shareholders and in 2016, gave the shareholders another opportunity to exercise their rights in a successful rights issue.

KenGen is the leading power generator in the country with an installed capacity market share of 69%. In the year under review, the company generated 80% of the electric energy in the country



The Company has tremendously invested in clean, renewable and sustainable energy generation. In the year under review, 96% of all generated energy by KenGen was from clean energy; hydro 49%, geothermal 46% and wind 1%, reducing the country's carbon footprint. This enabled the country realise a clean energy generation of 88% in the year under review; geothermal 48%, hydro 39% and wind 1%



#### Why We Are Here

The initial mandate of the Company was to transmit power from Uganda to Kenya. In 1997, the company was tasked with management of all public power generation facilities in the country. The company has continued to invest in capacity expansion and strives to deliver affordable, reliable, competitive priced and clean energy for the economy. Our motto 'Energy for the nation' is a true reflection of the company's commitment to the nation. The company ensures that it remains true to its mission by continuously investing in clean, sustainable and affordable power projects, supported by a highly committed and competent workforce of 2,406 employees.

#### What We Do

Our business is to deliver affordable clean energy and create wealth for shareholders while making investments needed to ensure a sustainable future which has resulted in investments in different generation modes of which 80% of the annual generation is from clean, renewable and sustainable energy sources. The company owns a fleet of thirty two (32) power plants with a combined capacity of I,623MW from generation modes as listed.

# **Overview**

#### I. Hydroelectric Energy Plants

These power plants form part of the early generation capacity as indicated:

Plant	Installed Capacity(MW)	Effective Capacity (MW)	Year
Sagana	1.5	1.5	1955
Mesco*	0.45	0.45	1933
Wanjii	7.4	7.4	1952
Tana**	20	20	2012
Masinga	40	40	1981
Kamburu	94	90	1974/1976
Gitaru	225	216	1978/1999
Kindaruma***	72	72	1968/2013
Kiambere	168	164	1988
Turkwel	106	105	1991
Sondu Miriu	60	60	2008
Sang'oro	21	20	2012
Gogo	2	1.7	1958
Sosiani	0.4	0.3	1952

<sup>\*</sup>Mesco rehabilitated in year 2013

#### 2. Geothermal Energy

Geothermal power plants are seen as the key energy generators in the country. Geothermal energy is now the leading energy source in the country and supports the base load energy requirements in the country. KenGen's geothermal power plants are as listed:

Plant	Installed Capacity(MW)	Effective Capacity (MW)	Year
Olkaria I	45	44	1981/1983/1985
Olkaria I AU	150.5	140	2014
Olkaria II	105	105	2003/2010*
Olkaria IV	149.8	140	2014
Eburru	2.5	2.3	2012
Wellhead	70.6	66.5	2015

<sup>\*</sup>Olkaria II Unit III was installed in 2010

<sup>\*\*</sup>Tana upgrade completion in 2010

<sup>\*\*\*</sup> Kindaruma upgrade completion in 2013

#### 3. Thermal Energy

KenGen has invested in medium speed diesel and gas turbine generators across the country. These power plants help to support peak loads and sustain voltages in the grid.

Plant	Installed Capacity(MW)	Effective Capacity (MW)	Year
Kipevu I	73.5	60	1999
Kipevu III	120	115	2011
Embakasi GT	30	27	1987/13*
Muhoroni GT	30	27	1987/16**
Garissa	3.4	3.4	1993***
Lamu	2.7	1.8	1989***

<sup>\*</sup>relocated from Kipevu to Embakasi in 2013

#### 4. Wind Energy

The Company runs three wind power plants in Ngong Hills as indicated

Plant	Installed Capacity(MW)	Effective Capacity (MW)	Year
Ngong I Phase I	5.1	5.1	2010
Ngong I Phase II	6.8	6.8	2015
Ngong II	13.6	13.6	2015

#### 5. How We Do It

The backbone to our successful business model is our committed and competent workforce. KenGen is proud to have a very skilled workforce that is well able to deliver new power projects while operating and maintaining existing assets that assure the company of sustained generation. The Company is committed to professional working relations with other players in the sector, taking cognizant of the fact that the country has one off-taker: Kenya Power. KenGen engages stakeholders and the regulators: Energy Regulatory Commission (ERC) and National Environmental Management Authority (NEMA) to ensure that the overall mandate of the sector is achieved.

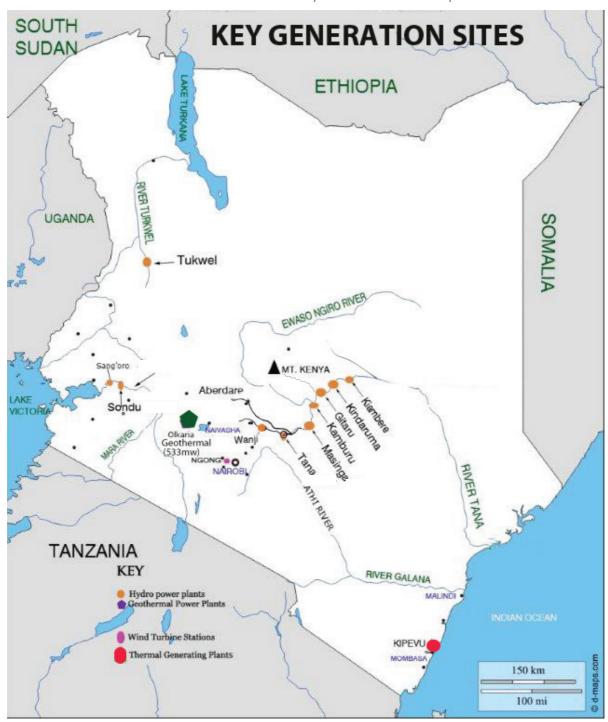
<sup>\*\*</sup>relocated from Embakasi to Muhoroni in 2016

<sup>\*\*\*</sup> Lamu and Garissa were decommisioned in April and May 2016 respectively

# Overview

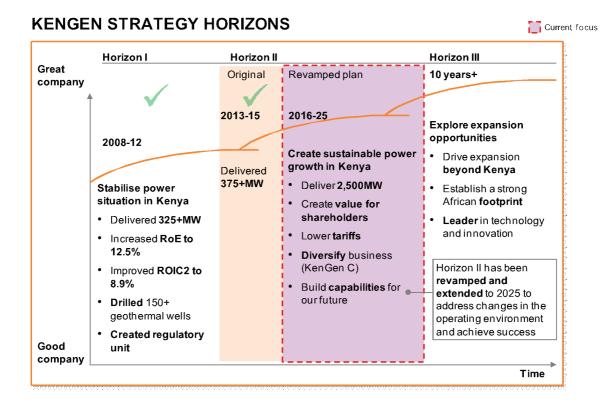
#### 6. Where We Do It

KenGen has invested in different locations in the country as indicated in the map.



#### 7. How We Plan For The Future

KenGen developed a 10yr strategy in 2007 known as Good-to-Great (G2G) Transformation strategy of moving the Company from, 'Good' to 'Great' through creation of sustainable value from "one generation" to the "next generation" of Kenyans. The thrust was to stabilize and create a sustainable power supply in the country. This strategy has since been revamped for the next 10yrs with a medium-term focus to commission 721MW by 2020. Figure below illustrates our strategy horizons.



# **Corporate Information**

#### **Directors**

Joshua K. Choge

Albert Mugo

Henry Rotich

Joseph Njoroge

Dorcas Kombo Ziporah Ndegwa

Millicent Omanga Musa K. Arusei

Kairu Bachia

Joseph Sitati Maurice Nduranu

Humphrey Muhu William Mbaka

Hedrick Omanwa

Henry M'Narobi Momata Gichana - Chairman

- Managing Director & CEO

- Cabinet Secretary, The National Treasury

- Principal Secretary, Ministry of Energy & Petroleum

(Elected on 16 December 2015) (Elected on 16 December 2015)

- Alternate to Cabinet Secretary, National Treasury

- Alternate to Principal Secretary, Ministry of Energy & Petroleum

(Appointed on 4 October 2016) (Retired on 16 December 2015) (Retired on 16 December 2015) (Replaced on 4 October 2016)

#### **Secretary**

Rebecca Miano Certified Public Secretary (Kenya) KenGen Pension Plaza 2,

Kolobot Road, Parklands P.O. Box 47936 - 00100 GPO

Nairobi

#### **Principal Auditor**

The Auditor-General **Anniversary Towers** P.O. Box 30084 - 00100 GPO Nairobi

#### Registrars

Image Registrars Limited Barclays Plaza, 5th Floor

Loita Street.

P.O. Box 9287 - 00100 GPO

Nairobi

#### **Delegated Auditors**

PricewaterhouseCoopers Kenya Certified Public Accountants (Kenya) PwC Tower, Waiyaki Way, Westlands P.O. Box 43963 - 00100 GPO Nairobi

# **Corporate Information**

#### **Principal Bankers**

Commercial Bank of Africa Limited

Wabera Street

P.O. Box 30437-00100 GPO

Nairobi

CfC Stanbic Bank Limited

Kenyatta Avenue Branch

P.O. Box 30552 - 00100 GPO

Nairobi

Citibank NA

Upper Hill

P.O. Box 30711 - 00100 GPO

Nairobi

Kenya Commercial Bank Limited

Moi Avenue Branch

P.O. Box 24030 - 00100 GPO

Nairobi

NIC Bank Limited

Masaba Road

P.O. Box 48400 - 00100 GPO

Nairobi

Standard Chartered Bank Kenya Limited

Harambee Avenue

P.O. Box 30003 - 00100 GPO

Nairobi

#### **Executive Management**

Managing Director & Chief Executive Officer

Operations Director

Operations Director (Retired)

Company Secretary & Legal Affairs Director

Human Resources & Administration Director

Finance & ICT Director

Regulatory & Corporate Affairs Director

Business Development Director

Geothermal Development Director

Strategy & Business Performance Director

Supply Chain Director

- Albert Mugo

- Solomon Kariuki (appointed | August 2016)

- Richard Nderitu (retired 31 July 2016)

- Rebecca Miano (CPSK)

- Abraham Serem (appointed | March 2016)

- John Mudany (FCPAK)

Simon Ngure

Moses Wekesa

- Abel Rotich

- David Muthike

Philip Yego

#### **REPORT OF THE DIRECTORS**

#### **About this Report**

This report aligns with best practice in integrated reporting. It includes principles of international financial reporting standards and takes into account other guidelines published in this regard.

#### **Statement of Directors**

The directors are pleased to present their Report together with the audited financial statements of the Kenya Electricity Generating Company Limited (the "Company") for the year ended 30 June 2016, which shows the state of affairs of the Company.

The Board, assisted by the Audit and Risk Management Committee is ultimately responsible for the integrity and completeness of the integrated report and any supplementary information. The Board has applied its collective mind to the preparation and presentation of the Integrated Report and has concluded that it is presented in accordance with the International Financial Reporting Standards - IFRS.

The content is further guided by legal and regulatory requirements, such as Kenya Companies Act and Capital Markets Authority Corporate Governance Guidelines as well as global best practices in integrated reporting. We are assessing the requirements of the International Integrated Reporting Framework (IIRF) published by the Integrated Reporting Council in December 2013.

#### **Integrated Reporting**

We are committed to integrated reporting and continue on the journey to improving both our integrated reporting, guided by best practice, and integrated thinking.

This integrated report focuses on value creation over the short, medium and long term. It indicates how the Company's value creation process is impacted by its internal and external environment, together with the connectivity between strategy, governance, performance and future outlook, as well as the impact of the organization's activities in the environment and trade-offs that influence value creation over time.

This report seeks to provide a transparent balanced appraisal of our value creation story, considering both qualitative and quantitative matters that are material to our operations and strategic objectives, and which may influence

stakeholders decisions.

Matters important to stakeholders are determined through extensive consultation with them and consideration of their concerns, taking account of our strategic objectives, assessment of risks and our value chain. Material matters are those that are of high concern to stakeholders and could have a significant impact on our ability to create value. This is our primary report to shareholders. Although it is targeted at providers of financial capital, it provides information of interest to all stakeholders.

#### **Reporting Boundary**

This integrated report reviews our economic, technical, social and environmental performance for the year from I July 2015 to 30 June 2016, with two years' comparative information as well as short and medium-term targets. Material events up to the date of approval have been included.

This report examines our performance in relation to the sustainability dimensions, which underpin our strategy, taking into account our operating environment, long-term goals, risks that might prevent us from achieving those goals, and measures to mitigate them.

#### **Assurance & Audit Approach**

Our combined assurance model is at three key levels, namely review by management and supplemented by internal auditors, external auditors and the Auditor General in order to optimize governance oversight, risk management and control. The Board Audit and Risk Management Committee and the Board rely on combined assurance in forming their view of the adequacy of our risk management and internal controls.

#### **Forward Looking Statements**

Certain statements in this report regarding the business operations may constitute forward-looking statements. These include all statements other than those of historical fact, including those regarding the financial position, business strategy, management plans and objectives for future operations. Forward-looking statements can be identified by words such as "believes", "estimates", "anticipates", "expects", "intends", "may", "will", "plans", "outlook" and other words of similar meaning in connection with a discussion of future operating or financial performance.

#### REPORT OF THE DIRECTORS

The Directors submit their report together with the audited financial statements for the year ended 30 June 2016, which disclose the state of affairs of Kenya Electricity Generating Company Limited (the "Company"). The annual report and financial statements have been prepared in accordance with sections 147 to 163 of the repealed Companies Act - Cap 486, which remain in force under the transition rules contained in the Sixth Schedule, the Transitional and Saving Provisions of the Companies Act 2015.

#### PRINCIPAL ACTIVITIES

The principal activity of the Company is to generate and sell electricity to the authorised distributor, Kenya Power and Lighting Company Limited (Kenya Power).

#### **RESULTS FOR THE YEAR**

	2016 Shs'000	2015 Shs'000
Profit before tax	11,264,044	8,690,012
Income tax (expense)/ credit	(4,520,552)	2,827,315
D 0: 6 1		
Profit for the year trans- ferred to retained earnings	6,743,492	11,517,327

#### **DIVIDENDS**

Subject to the approval of the shareholders, the directors does not recommend payment of dividend for the year ended 30 June 2016(2015: Shs 1.429 billion).

#### **DIRECTORS**

The present members of the Board of Directors are shown on page 1. Mr. Hedrick Omanwa and Mr. Henry M'Narobi retired on 16 December 2015. On the same day, Mr. Joseph Sitati and Mr. Maurice Nduranu were elected as Directors.

#### **AUDITORS**

The Auditor General is responsible for the statutory audit of the Company's financial statements in accordance with Section 35 of the Public Audit Act, 2015. Section 23(1) of the Act empowers the Auditor General to appoint other auditors to carry out the audit on his behalf. Accordingly, PricewaterhouseCoopers were appointed to carry out the audit for the year ended 30 June 2016.

#### BY ORDER OF THE BOARD

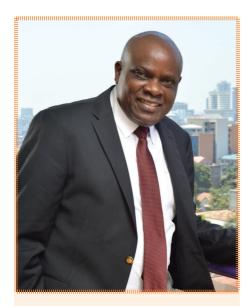
Rebecca Miano
Company Secretary

Nairobi

19 October 2016







#### Joshua Choge

Mr. Joshua Choge, Chairman of KenGen Board of Directors, born in 1958, holds a Bachelor of Science degree in Mathematics and Statistics. Mr Choge has a Master's degree in Management and Leadership from the Management University of Africa and is currently pursuing a PhD in Leadership and Management. He is a trained accountant from Strathmore College and has been trained by the Chartered Institute of Purchasing and Supply UK on Procurement Management. Mr Choge has over fifteen years' experience in the public sector in various positions including the Purchasing Manager and the Deputy Chief Internal Auditor at the East African Portland Cement.

He is fully conversant with corporate governance matters, having attended the critically acclaimed Corporate Governance Training for Directors organised by the Centre for Corporate Governance. He has served as a Director at the Agricultural Finance Corporation where he was the Deputy Chairman of the Board and the Chairman of the Finance and Business Committee of the Board.

He is an experienced businessman and a board member of several schools. He is also the Chairman of the Board of the African Inland Church Kapsabet Bible College in Nandi County. Currently, he is the CEO of Talent Foundation International (TFI), a non-governmental organisation that identifies and develops talent among needy children.



#### Eng. Albert Mugo, MBS

Eng. Albert Mugo, born in 1957, holds a Bachelor of Science degree in Electrical Engineering and Master of Business Administration in Strategic Management, both from the University of Nairobi. He is currently pursuing a Doctor of Philosophy (PhD) in Management and Leadership. In 2012, he completed the Advanced Management Programme from Strathmore University. He is a registered Professional Engineer with the Engineers Board of Kenya. Until his current appointment in January 2014, he was the Business Development and Strategy Director at KenGen.

He has worked in the Energy Sector for over 30 years. He started his career as a graduate electrical engineer at the Kenya Pipeline Company before moving to the Kenya Power and Lighting Company (then the East African Power and Lighting Company) where he was a protection engineer in various stations, including the Seven Forks hydro complex. He then became a power system planner in the electricity sector in Kenya and Eastern Africa, a position involving power demand forecasting, carrying out studies for prospective power generating and transmission projects as well as development of power generation and transmission lines. He has experience in power sector electricity tariff formulation and has been involved in development of private power projects.

Engineer Mugo believes in value-based leadership and is committed to transformational leadership within KenGen and in other entities. He is a Board member of the KenGen Retirement Benefits Scheme, Stima Sacco, and is the chairman of the KenGen Foundation Board of Trustees.



#### Henry Rotich, EGH

Mr. Henry Rotich, the Cabinet Secretary of The National Treasury, born in 1969, holds a Master's Degree in Economics and a Bachelor's Degree in Economics

(First Class Honours), both from the University of Nairobi. He also holds a Master's degree in Public Administration (MPA) from the Harvard Kennedy School, Harvard University.

Prior to his appointment as Cabinet Secretary, he was the Head of Macroeconomics at the Treasury from March 2006. Under this capacity, he was involved in formulation of macroeconomic policies that ensured an efficient and sustainable public spending aimed at achieving the Government's development priorities. In addition, he was also involved in the preparation of key documents including Budget statements, as well as providing strategic coordination of structural reforms in fiscal and financial sectors.

Prior to joining the Ministry of Finance, Mr Rotich worked in the Research Department of the Central Bank of Kenya from 1994. Between 2001 and 2004, he was attached to the International Monetary Fund (IMF) local office in Nairobi as an economist. He was also a director in several boards of State Corporations, including: Insurance Regulatory Board; Industrial Development Bank; Communication Commission of Kenya and the Kenya National Bureau of Statistics.



#### Dr. Eng. Joseph Njoroge, CBS

Dr. Eng. Joseph Njoroge, the Principal Secretary, Ministry of Energy and Petroleum was born in 1958. He holds a First Class Honours degree in Electrical Engineering, Master of Business Administration with a major in strategic management and a Doctor of Philosophy (PhD). He is a Chartered Electrical Engineer, a member of the Institution of Engineering and Technology, UK, a Registered Consulting Engineer, and is also a Fellow of the Institution of Engineers of Kenya.

Dr. Eng. Joseph Njoroge joined Kenya Power in 1980 and rose through the ranks to become the Managing Director from June 2007 until his current appointment. He is a distinguished electrical engineer with a career spanning three decades and has wide experience in power engineering and management.



#### Dorcas Kombo

Mrs. Kombo, born in 1954, is a Fellow of the Chartered Association of Certified Accountants. an Associate of the Institute of Certified Public Accountants of Kenya and a Member of the Institute of Certified Public Secretaries of Kenya. Dorcas has vast experience in Auditing and Human Resources consulting. She previously worked at Deloitte and later at Coopers & Lybrand as Audit Manager before the merger to form PriceWaterhouseCoopers. She later trained in Human Resources and later became the Associate Director until 2004 when she retired from fulltime employment. She has extensive experience in restructuring organisations for efficiency. She has also assisted african governments in developing appropriate labour policies for providing safety nets to staff retrenched from public service. Currently, she is a Management Consultant and has led teams to deliver human resources and organisational development services to governments, public and private sector organisations across Africa under the business name of Metis Consulting.



#### Ziporah Ndegwa

Mrs. Ziporah Ndegwa, born in 1962, holds a Bachelor's degree in Law and a Diploma in Legal Practice from the Kenya School of Law. She is a member of the Law Society of Kenya and Christian Lawyers Fellowship. She is a practicing lawyer since 1988 when she was admitted to the bar.

She previously served as a State counsel in the Law Reform Commission before entering private practice. Mrs Ndegwa has been a principal partner in the firm of Maira & Ndegwa Advocates since 1996 during which she has engaged in civil, commercial and criminal litigation.



#### Millicent Omanga

Ms. Millicent Omanga, born in 1982, holds a Bachelor's degree in commerce. She is the founder and Managing Director of Milways Enterprises, a business which deals in construction, interior décor and import of furniture and electrical appliances. Ms Omanga is a youth leader at Rimpa SDA Church.



#### Musa Arusei

Dr. Musa Arusei, born in 1957, holds a Bachelor of Science degree (Geochemistry) from the University of Nairobi, Master of Science (Geothermal) from the University of Leeds, UK and a Doctor of Philosophy (Geochemistry) from Moi University.

He is formerly a senior lecturer, Department of Chemistry and Biochemistry at the University of Eldoret. Dr Arusei supervises and marks thesis for doctorate and master's students. He has attended various local and international conferences on research and geochemistry field. He has also published several research publications and reports on geochemistry and geothermal studies.

Dr Arusei has previously worked as a lecturer and assistant lecturer at the Department of Chemistry and Biochemistry at the University of Eldoret. He has also worked as a geochemist in KenGen and the Ministry of Energy.



#### Kairu Bachia

Mr. Kairu Bachia, born in 1959, holds a Bachelor of Arts degree in Building Economics from the University of Nairobi and a Global Executive MBA (GEMBA) from United States International University—Africa. As part of Continuous Professional Education and Personal Development Program, he has attended, amongst many other courses, the Owner Manager Program (OMP) and Master Negotiator Course at Strathmore Business School. He is a Registered Quantity Surveyor with Board of Registration of Architects and Quantity Surveyors (BORAQS), a Corporate Member of the Architectural Association of Kenya (AAK), Institute of Quantity Surveyors of Kenya (IQSK) and a Member of the Chartered Institute of Arbitrators (CIArb). He is an author of several articles presented to the construction industry professional forums.

Mr. Bachia who has previously worked as a quantity surveyor in both the public and private sectors, is currently the Team Leader and Quality Control Director of Masterbill Integrated Projects and MIP Project Management Ltd. He is also a Director in a number of real estate development companies. He is an active Arbitrator and Dispute Resolution Consultant.

He is a Past Chairman of the Architectural Association of Kenya and Muthaiga Golf Club (MGC) and a Past Secretary of the Kenya Professional Boxing Commission (KPBC). He has also served as a Council Member of the Management of Professional Centre for the Association of Professional Societies of East Africa, and in the Ethics and Practice Committee of BORAQS.



#### Joseph Sitati

Mr. Joseph Sitati, born in 1973, holds a Bachelor of Science (Mechanical Engineering) from University of Nairobi. He is a Fellow of the Association of Chartered Certified Accountants and is a platinum member of the Information System Audit and Control Association. He has attended various professional development training programs.

He is presently the Chief Finance and Administration Officer at DeaconsEast Africa PLC. He has previously been the Commercial Finance Manager – Central East & West Africa Business Unit at Coca-Cola Company Nairobi, Group Finance Director at Old Mutual Group Nairobi and Finance Manager at Shell BP Kenya Limited amongst other positions.



#### Maurice Nduranu

Mr. Maurice Nduranu, born in 1974, holds a Bachelor of Science degree (Business Administration - concentration in Finance, Real Estate and Law, magna cum laude) from the California State Polytechnic University at Pomona and a Master of Financial Engineering degree from the Haas School of Business at the University of California, Berkeley.

He is one of the principals at BlackGold Investments Ltd, a bespoke private equity transactions advisory and investments firm. He was previously a strategy and investments advisor to Msingi, a new \$100m regional catalytic fund, and prior to that was a portfolio manager with Acumen Fund and Property and Fixed Income portfolio manager at African Alliance. He started off his career working in public infrastructure financing in the U.S. West.



#### Humphrey Muhu

Mr. Humphrey Muhu, born in 1964, holds a BSc (Mathematics & Statistics) from Kenyatta University B.Phil (Economics) and an MA in Economics from the University of Nairobi. He also holds a Diploma in Financial Management from KCA University.

He is the alternate director to the Cabinet Secretary, National Treasury. Mr Muhu is an Economist with over 20 years' experience in various government ministries and departments.

#### William Mbaka

Mr.William Mbaka, born in 1962, holds a Bachelor of Education (Business Studies) from Kenyatta University and Master of Business Administration from Birmingham University, UK. He is an Associate of Chartered Certified Accountant (ACCA). He has attended several courses on leadership, public policy management, financial management and leadership at various institutions both locally and abroad.

He is the alternate director to the Principal Secretary, Ministry of Energy and Petroleum and is currently the Chief Finance Officer at the Ministry of Energy and Petroleum. Mr Mbaka has over 20 years' experience in financial management in the Government of Kenya.

# Report of the Chairman



66

KenGen has recorded another year of excellent financial performance. Our performance demonstrates that we are pursuing the right strategy and have the right leadership to continue to deliver consistent value to our shareholders.

# Kshs 26.4bn

Rights Issue

1623
Megawatts
Electricity Capacity

#### **Dear Shareholders**

We are elated to have concluded the largest Rights Issue in the history of Kenya. This was an outstanding year, nothing short of exemplary performance by the business. The Company successfully raised Kshs 26.4 billion inspite of the bearish run at the Nairobi Securities Exchange which is a testament of the confidence that you as investors have in the leadership and strategic direction of KenGen. I appreciate the Government's full support and participation in the Rights Issue with the conversion of debt into equity amounting to KShs 20.2 billion. I take this opportunity to laud each and every one of you for the unwavering support as we endeavour to build shareholder value and ensure a sustainable future for our Company.

I am therefore privileged to present to you the annual report and consolidated financial statements for the year ended 30th June 2016 marking a major milestone our profitability and business footprint in Kenya and beyond.

The Government completed the construction of the transmission line from Kindaruma to Garissa and from Mombasa to Lamu thereby connecting the two counties to the national grid. The Company therefore decommissioned its two isolated off grid Garissa and Lamu thermal power stations which were expensive to run in isolation of the national transmission network.

At the same time, the Company relocated one gas turbine generating Unit of 30MW from Embakasi to Muhoroni to stabilize the power situation in the western region of the country and eliminating the emergency power generators which have been operating since 2006.

# Report of the Chairman

#### **Macro-economic Environment**

The country's economy grew at a GDP rate of 5.6% in 2015 compared to 5.3% in 2014. This growth was attributed to a stable macroeconomic environment. In contrast, the World real Gross Domestic Product (GDP) growth decelerated to 3.1 per cent in 2015 from 3.4 per cent in 2014 as a result of low commodity prices, weaker capital flows, subdued global trade and increasing financial market volatility particularly in emerging markets and developing economies.

The country's annual inflation rate declined marginally from 6.9 per cent in 2014 to 6.6 per cent in 2015 which was largely due to reduced costs of petroleum products, electricity and tightening of the monetary policy.

The economy consumed 9,817GWh of electricity in the last twelve months to June 2016 representing a 6% growth from 9,280Gwh sold in the same period last year. Growth in power demand is expected to gain momentum as the implementation of Vision 2030 projects take shape

#### **Strategic Direction**

The Board places great emphasis in an energized and motivated workforce. In light of this, the company has consistently offered an exceptional platform every year dubbed the "Good to Great (G2G) Technical Seminar" to transform the organizational culture to that of innovation and continuous improvement among the employees.

The Company is now on the second Horizon of the G2G strategy. During the year, the Company reviewed the Horizon II strategy and set a new target of delivering an additional capacity of 72 I MW by 2020. This will bring the total installed capacity of the Company to 4,100 MW in the next ten years. This is in tandem with the projected peak demand growth. Availing this capacity will ensure security of power supply in the country and maintain KenGen's market leadership in the sector.

During the year, In recognition of the contribution that the Company has made to the economy and given the consistency in growth and profitability, the Company earned an upgraded status in parastatals category.

#### **Financial Results**

The Company embarked on a restructuring programme aimed at strengthening the balance sheet as well raise equity capital to fund our mega projects. This programme which concluded in June 2016 resulted in Kshs 20.2 billion of debt being converted to equity and Kshs 6.4 billion raised in cash. We began in the next financial year with optimism in meeting our growth targets.

5.6%
GDP Rate

6.6%
Inflation Rate

# Report of the Chairman

The Company also marked this year with a record revenue of Kshs 38.6 billion and a pre-tax profit of Kshs I I.26 billion This is attributed to flagship developments and operation of green, clean and renewable energy from geothermal and wind sources.

Our commitment to grow shareholder value remains intact as evidenced by the strong full year performance. In view of the projects lined up for implementation, the Board of Directors does not recommend dividend.

We take this opportunity to thank the shareholders, the Goverment of Kenya, County Goverments, business partners and other stakeholders for their unwaivering support which has enabled KenGen to provide clean affordable energy for the Nation and enable us to realise impressive growth in the current year.

#### **GoK Performance Contract**

We continued to perform exceptionally well in our GoK Performance contract. Once again, KenGen achieved its Performance Contract targets as set out with the Government of Kenya by attaining its operational, financial and strategic goals. Its noteworthy that the Company attained ..... during the Government appraisal of all government agencies.

#### Changes in the Board

There was a change in the composition of the Board of Directors in the 2015 Annual General Meeting. The Board would like to thank the outgoing Directors Mr. Henry M'Narobi and Mr. Hedrick Omanwa for their valued contribution during their tenure. In turn the Board welcomes the newly elected Directors, Mr. Joseph Sitati and Mr. Maurice Nduranu who brought in a new

mix of skills and experience which has rejuvenated the discussions of the Board as it seeks to strengthen the governance framework in the Company.

#### **Appreciation**

On behalf of the Board, I convey its best wishes and sincere gratitude to the Government of Kenya for its leadership, visionary development programmes and relentless support.

I record my gratitude to my colleagues in the Board for their invaluable contribution and dedication to grow and strengthen the Company's performance. I express my highest regards to our valued customer Kenya Power and investors for their support to KenGen. I also wish to thank our confident, committed and dedicated staff for their industry and enthusiastic effort towards meeting our objectives.

The Board takes this opportunity to acknowledge the continued confidence and encouragement of our shareholders; the trust and loyalty of our business partners.

On behalf the Board, I assure you of our total commitment to growing from a Good to a Great Company that will last from generation to generation.

Thank you and God bless you.

Joshua K. Choge Chairman of the Board



66

KenGen has recorded another year of excellent financial performance. Our performance demonstrates that we are pursuing the right strategy and have the right leadership to continue to deliver consistent value to our shareholders.

# Kshs 26.4bn

Rights Issue

1623
Megawatts
Electricity Capacity

#### Washikadau Wapendwa

Tuna furaha ya kuukamilisha mchakato huu wa kuongeza Mtaji wa Biashara yetu ambao ulikuwa ndio mkubwa zaidi kuwahi kushuhudiwa katika historia ya Kenya. Huu ulikuwa mwaka mzuri ambapo tulikuwa na matokeo ya kuridhisha ya kibiashara. Shirika hili lilizalisha Bilioni Kshs 26.4 licha ya changamoto kadhaa na kasi ya chini katika Nairobi Securities Exchange, huu ukiwa ni ushahidi tosha wa imani ya wawekezaji katika uongozi na uendeshaji wa kampuni ya KenGen. Natambua usaidizi unaotokana na ushiriki wa serikali Kuu katika suala hili la kuongeza mtaji wa kibiashara huku mjadala wa muamana katika hisa zisizo za riba ya kudumu ukifikia Bilioni KShs 20.2. Nachukua fursa hii kumshukuru kila mmoia wenu kwa usaidizi wakati huu tukiwa katika harakati za kuunda thamani ya wenyehisa na kuhakikisha uendelevu wa Kampuni yetu katika siku zijazo.

Kwa hivyo, nina furaha ya kuwatangazia ripoti ya kila mwaka na vile vile taarifa ya pamoja ya kifedha ya mwaka uliokamilikia Juni 30, 2016, ikiadhimisha mafanikio makubwa ya faida na muundo wa biashara nchini Kenya pamoja na mataifa ya mbali.

Mazingira makubwa ya kiuchumi

Uchumi wa nchi ulikua katika kiwango cha Jumla ya Mapato ya Kitaifa ya 5.6% katika mwaka wa 2015 ikilinganishwa na 5.3% mnamo mwaka wa 2014. Ustawi huu ulitokana na uthabiti wa mazingira makubwa ya kiuchumi. Kinyume cha hayo, ukuaji wa Jumla ya Mapato ya Kimataifa (GDP) ulipungua hadi asilimia 3.1 katika mwaka wa 2015 kutoka asilimia 3.4 mwaka wa 2014 kutokana na bei ya chini ya bidhaa, mtiririko dhaifu wa mtaji, upungufu wa biashara ya kimataifa na ongezeko la mabadiliko ya soko la kifedha hasa katika masoko mapya na katika nchi zinazostawi.

Kiwango cha mfumuko nchini kilipungua kutoka asilimia 6.9 mwaka wa 2014 hadi asilimia 6.6 mwaka wa 2015 ambapo kilitokana na upungufu wa gharama za bidhaa za petroli, umeme na sera za kifedha zilizobanwa.

Katika kipindi cha miezi kumi na miwili iliyopita kufikia luni 2016, uchumi wa Kenya ulitumia 9,817GWh ya umeme na hivyo kuwakilisha ongezeko la 6% kutoka 9,280Gwh iliyouzwa wakati kama huo mwaka uliopita. Mahitaji ya umeme yanatarajiwa kushika kasi huku mipango ya kufanikisha miradi ya Ruwaza ya maono ya 2030 ikiendelea.

#### Mwongozo wa kimikakati

Bodi hii inasisitizia pakubwa umuhimu wa kuwa na wafanyakazi wenye nguvu na motisha. Kutokana na haya, kampuni hii imekuwa ikitoa warsha za kipekee kila mwaka kwa jina "Good to Great (G2G) Technical Seminar'' ili kubadilisha utamaduni wa shirika hili na kuufanya kuwa ule wa uvumbuzi na uimarishaji miongoni mwa wafanyakazi.

Mwaka huu, katika taratibu za utambuzi wa mchango wa Kampuni hii kwenye uchumi na vile vile uthabiti wake katika ustawi na faida, Kampuni hii ilipandishwa ngazi hadi kiwango cha kitengo cha mashirika ya serikali.

Kwa sasa kampuni hii iko katika Upeo wa pili kwenye mkakati wa G2G. Mwaka huu, Kampuni hii ilipitia upya mkakati wa Upeo wa pili na kujiwekea lengo jipya la kuzalisha kiwango zaidi cha Megawati 2,500 kufikia mwaka wa 2025. Hii itafikisha jumla ya kiwango kilichowekwa kufikia Megawati 4,100 katika kipindi cha miaka kumi ijayo. Malengo haya ni kuambatana na ongezeko la mahitaji kama inavyotarajiwa. Kuzindua kiwango hiki kutahakikisha usalama wa usambazaji umeme nchini vna ile vile kudumisha nafasi ya kwanza ya KenGen katika soko kwenye sekta hii.

Serikali ilikamilisha ujenzi wa mkondo wa usambazaji umeme kutoka Kindaruma hadi Garissa na kutoka Mombasa hadi Lamu na hivyo kuunganisha kaunti mbili kwenye mfumo wa nyaya za kupitisha umeme wa kitaifa. Kutokana na hayo, Kampuni hii imesitisha huduma katika vituo vyake viwili vya Garissa na Lamu ambavyo vilikuwa ghali kuendesha hasa ikizingatiwa umbali wao na mfumo wa kitaifa wa usambazaii umeme.

Wakati huo huo, kampuni hii ilihamisha rafadha moja ya gesi iliyokuwa na uwezo wa kuzalisha Megawati 30 kutoka kituo cha Embakasi hadi Muhoroni ili kuthibiti hali ya umeme katika eneo la magharibi mwa nchi na kuondoa majenereta ya dharura ya kuzalisha umeme ambayo yamekuwa yakiendeleza shughuli hiyo kutokea mwaka wa 2006.

#### Matokeo ya kifedha

Kampuni hii ilirejelea juhudi za kuunda upya mpango ulionuiwa kuthibiti loho na vile vile kuongeza mtaji wa hisa zisizo na riba ya kudumu kwa lengo la kufadhili miradi yetu mikubwa. Mpango huu uliokamilika Juni 2016 ulisababisha deni la Kshs 20.2 bilioni kubadilishwa na kuwa hisa zisizo na riba ya kudumu na hatimaye kusababisha kuchangishwa kwa shilingi Bilioni Kshs 6.4. Tulianza mwaka uliopita wa kifedha kwa matumaini ya kufikia malengo yetu.

Kadhalika kampuni hii ilivunja rekodi kwa kuwa na mapato ya Kshs 38.6 bilioni na faida ya Kshs I I.26 bilioni kabla ya ushuru. Hii ilitokana na kuanzishwa kwa maendeleo na kuzalisha kwa nishati. Hii inatokana na kuzinduliwa kwa miradi na shughuli salama za kuzalisha umeme za vyanzo vya mvuke kutoka ardhini pamoja na nyenzo nyinginezo za upepo.

Kujitolea kwetu katika kukuza wenyehisa kunasalia imara kama ilivyodhihirika kwenye matokeo yetu ya

mwaka. Kutokana na miradi inayoimarika, mwaka huu Bodi ya Wakurugenzi haipendekezi mgao wowote kwa wenyehisa.

Tunachukua fursa hii kuwashukuru wenyehisa, Serikali ya Kenya, Serikali za Kaunti, washirika wa kibiashara na washikadau wengine kwa usaidizi wao thabiti ambao umesaidia KenGen kuzalisha nishati safi na nafuu katika Taifa letu na hivyo kutusaidia kushuhudia ukuaji mwaka huu.

#### Mkataba wa Utendakazi wa Serikali ya Kenya

Tuliendelea kuwa na matokeo mazuri katika mkataba wetu wa Serikali ya Kenya. Kwa mara nyingine KenGen imefikia malengo yake ya mkataba wa utendakazi kama ilivyowekwa na Serikali ya Kenya, kwa kufikia malengo ya uendeshaji kazi, kifedha na mikakati. Inafaa kuzingatiwa kuwa Kampuni hii iliafikia haya.... Wakati wa utathmini wa Serikali wa mashirika yote ya serikali.

#### Mabadiliko Katika Bodi

Katika Mkutano Mkuu wa mwaka wa 2015 kulikuwa na mabadiliko katika muundo wa Bodi ya Wakurugenzi. Bodi ingependa kuwashukuru Wakurugenzi wanaoondoka, Bw Henry M'Narobi na Bw Hedrick Omanwa kwa mchango wao wakati wa kipindi chao cha kuhudumu. Kwa upande mwingine Bodi inawakaribisha wakurugenzi wapya waliochaguliwa, Bw Joseph Sitati na Bw Maurice Nduranu walioleta mchanganyiko wa ujuzi na tajriba,

maarifa mabayo yamechangamsha mijadala ya Bodi inaponuia kuthibiti muundo wa uongozi katika shirika hii.

#### Shukrani

Bodi hii inachukua fursa ya kutambua imani na mahimizo yanayotolewa na wenyehisa wetu; huu ukiwa ndio uaminifu na imani ya washirika wetu wa kibiashara.

Kwa niaba ya Bodi, nawasilisha heri njema na shukrani kwa Serikali ya Kenya kwa uongozi wake, mipango yake yenye maono na usaidizi wake.

Natoa shukrani kwa wanachama wenzangu katika Bodi kwa mchango na kujitolea kwao ambavyo umezidi kukuza na kuthibiti matokeo bora ya Kampuni hii. Ningependa kutoa shukrani kwa mteja wetu Kampuni ya usambazaji umeme ya Kenya Power na wawekezaji wote kwa usaidizi wao kwa Kampuni ya KenGen. Kadhalika ningependa kushukuru wafanyakazi wetu kwa jitihada zao katika kuafikia malengo yetu.

Kwa niaba ya KenGen, Bodi na wafanyakazi wote, nawahakikishia kujitolea kwetu kuimarisha Kampuni hii na kuifanya idumu kutoka kwa kizazi kimoja hadi kingine.

Asante na Mungu awabariki.

Joshua K. Choge, Mwenyekiti Mwenyekiti wa Bodi.



# Managing Director & Chief Executive Officer – Eng. Albert Mugo, MBS

Eng. Albert Mugo is a renowned engineer with over 30 years' experience in the energy sector. He holds a Bachelor of Science Degree in Electrical Engineering, a Master of Business Administration (MBA) in Strategic Management. He is currently pursuing a Doctor of Philosophy (PhD) in Management and Leadership. Other qualifications include a certificate in Advanced Management Programme. of Engineer Mugo is responsible for the operational running of the Company to ensure that the mission is achieved and efficacy of the business is optimized.

#### Eng. Mugo is 58 years old.

The CEO is accountable for the company's actions, security of resources as well as ensuring execution of the identified corporate strategy for long term competitiveness. In addition to representing the management position on the Board, the MD & CEO leads the Executive Committee (ExCo) comprising nine divisional directors.

Departments (additional direct reports): Internal Audit and Security & Integrity



# Operations Director – Eng. Solomon Kariuki

Eng. Solomon Kariuki was appointed to the position of Operations Director on 1st of August, 2016 following the retirement of the long-serving Engineer Richard Nderitu. Prior to the appointment as Operations Director, Engineer Kariuki was serving the organisation as the Technical Services Manager. He joined Kenya Power and Lighting Company as a Trainee Engineer 28 years ago, served the Company in various capacities ultimately growing through the ranks to the current position of Operations Director. He holds a Bachelor of Science Degree in Electrical and Electronics Engineering and a Master's Degree in Business Administration (Operations) both from the University of Nairobi. He boasts an illustrious career in the energy power sector spanning over 28 years.

Eng. Kariuki is....years old.

Key responsibilities comprise overseeing Operations and Maintenance of power plants availability at optimized operational costs, rehabilitation and upgrade of plants to facilitate uptake of latest technology so as to improve operations and extend effective plant life, continuous improvement and automation of systems to align with sustainable best market practices.

Departments: Eastern Hydros, Thermal Kipevu, Central (Thermal & Wind), Technical Services and Western Hydros



# Company Secretary & Legal Affairs Director – Rebecca Miano OGW, CPS (K)

Mrs. Rebecca Miano is a respectable lawyer with an illustrious career in law and corporate governance. She holds a Bachelor of Laws (LLB) degree with Honours, a diploma in Law and a Post-graduate diploma in Comparative Law. She is a member of the Institute of Certified Public Secretaries of Kenya (ICPSK). She joined KenGen in 1998 and has worked in various capacities including: Senior Legal Officer, Assistant Company Secretary, Acting Company Secretary, Company Secretary and Legal Affairs Director:

Mrs. Miano is 49 years old.

She was appointed Company Secretary and Legal Affairs Director in 2008. She is responsible for driving the corporate governance agenda in the Company, providing guidance and support to the Board and is the secretary to the Board and all its Committees. Mrs Miano is the Legal Counsel of the Company and ensures the Company is represented positively and credibly to the external environment.

Departments: Insurance, Legal, Shares & Board Services and Property



# Human Resources & Administration Director – Abraham Serem

Mr. Abraham Serem is a seasoned human resource practitioner with vast experience both in Kenya and East Africa. He holds a Bachelor of Arts degree from the University of Nairobi. His other professional qualifications include: Higher National Diploma in Human Resource Management and a Diploma in Intermediate Executive Coaching from the Academy of Executive Coaching. He is a member of the Institute of Human Resource Management.

Prior experience includes: Heineken East Africa Ltd where he held the position of HR Director, East Africa Breweries Ltd, Nampak East Africa and Reckitt Benckiser East Africa, where he held various senior managerial positions.

Mr. Serem is 51 years old.

Mr. Serem joined KenGen management team on March 1st 2016 as the Human Resource and Administration Director. He is responsible for human capital planning, recruitment, development, performance management, reward and wellness. He is also in charge of employee relations, as well as management of all the Company's transport and logistics.

Departments: Administration, Human Resources and Performance & Change



# Finance & ICT Director – John Mudany, CPA(K)

Mr. John Mudany is a zealous financial management expert with extensive experience. He holds a Bachelor of Commerce degree in Accounting, Masters of Business Administration in Marketing and Master of International Business Administration (MIBA). He is a member of the Kenya Institute of Management (KIM) and the Institute of Certified Public Accountants of Kenya (ICPAK).

Prior experience includes: Coca Cola (Finance and Performance Manager), Orbit Distributors (MD & CEO), Kenya Airways, World Vision International and PriceWaterhouseCoopers.

Mr. Mudany is 53 years old.

Mr. Mudany joined KenGen in November 2008 as the Finance and ICT Director. His key responsibilities include: Capital raising, management of finances and banking relations, financial reporting, budgets process management and control, balance sheet restructuring and cost saving mechanisms. He is also responsible for development of Cutting Edge Information Technology infrastructure.

Departments: Corporate Finance, Finance and Information Communication & Technology



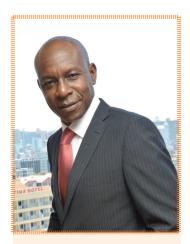
# Regulatory & Corporate Affairs Director – Eng. Simon Ngure

Eng. Simon Ngure is a versatile engineer with vast experience in the energy sector management and stakeholder relations. He holds a Bachelor of Science degree in Mechanical Engineering, diploma in Geothermal and a diploma in Project Management. He is a certified energy manager and a member of the Institute of Engineers of Kenya.

Eng. Ngure is 53 years old.

He has 34 years' experience in the power sector. He joined KenGen in September 1986 and was appointed Regulatory and Corporate Affairs Director in 2008. He is responsible for drafting, negotiating and managing power purchase agreements (PPAs). He is also in charge of environmental and social licensing and management processes, as well as maintenance of ISO Quality and Environmental System, maximising brand value through effective corporate affairs management.

Departments: Regulatory Affairs, Quality & Safety, Environment & CDM, Corporate Affairs and Community Affairs



# Business Development Director – Mr. Moses Wekesa

Mr. Moses Wekesa is an established project manager with varied exposure in project work spanning over 15 years in economic sectors in Europe, Asia, the Pacific and Africa. He holds a Bachelor of Science degree in Mechanical Engineering from Jomo Kenyatta University of Agriculture and Technology (JKUAT), Master of Science degree in Mechanical Engineering (Applied Mechanics) from University of Nairobi and a Post-Graduate Certificate in Project Planning, Appraisal and Financing from University of Bradford, UK. He is a registered Project Manager with the Project Manager's Chapter of the Architectural Association of Kenya.

Previous experience includes:
Project Financing, Management
and Supervision in agriculture,
agro-processing, transport,
telecommunication, infrastructure,
hospitality, construction, real estate,
energy, oil and gas, financial institutions,
investments, general manufacturing
and processing.

Mr. Wekesa is 44 years old.

He joined KenGen in 2014 as the Business Development Director and is responsible for driving the Company's core business of delivering on the overall strategic goal of capacity expansion through planning and execution of projects.

Departments: Project Execution, Capital Planning & PPP and New Business Development



# Geothermal Development Director - Eng. Abel Rotich

Eng. Abel Rotich is a seasoned power sector engineer with a wealth of experience in energy generation. He holds a Bachelor of Science degree in Mechanical Engineering. He is a registered Engineer and a Member of the Institution of Engineers of Kenya (IEK).

Eng. Rotich is 54 years old.

He was appointed KenGen's Geothermal Director in September 2014. He is responsible for geothermal resource assessment, drilling, steam establishment for power generation and operation of electricity power plants constructed within the geothermal area. Before his appointment to the current position, He was involved in the management of hydro, thermal and wind power plants.

Departments: Geothermal Resources Development, Steam field & Reservoir, Geothermal Operations and Drilling & Logistics



#### Strategy & Business Performance Director – Mr. David Muthike

Mr. David Muthike is a distinguished business strategist with tested experience in power sector strategyformulation and implementation. He holds a Bachelor of Science degree in Electrical and Electronic Engineering, Masters of Business Administration in Strategy, Post-Graduate diploma in Project Appraisal and Management and a certificate in Advanced Management and Leadership Programme. He is a graduate Engineer with Institution of Engineers of Kenya (IEK) and a member of Kenya Institute of Management (KIM). He previously worked in various divisions and departments within the Company, including: Managing Director's Office, Corporate Planning, Technical Audit and Institutional Strengthening.

Mr. Muthike is 45 years old.

He joined KenGen in 1998. He was appointed to the Company's Strategy and Business Performance Division in September 2014. His responsibilities include: development and management of the Company's strategy by identifying and driving execution of strategic initiatives and growth opportunities; driving the innovation process that develops new ways of meeting the Company's goals; leading and managing the Company's result-based performance and accountability system and driving knowledge harvesting and transfer across the business.

Departments: Strategy and Innovation & Knowledge Transfer



Supply Chain Director – Philip Yego

Mr. Philip Yego is a Supply Chain Management expert with a wealth of experience in Procurement and Supplies Chain Management. He holds a Bachelor of Arts degree in Economics, Master of Business Administration in Finance, diploma in Purchasing and Supplies from the Chartered Institute of Purchasing and Supply (UK) and a diploma in Purchasing and Supplies Management from Kenya Institute of Management. He is a member Kenya Institute of Supplies Management (KISM), Kenya Institute of Management (KIM) and the Chartered Institute of Purchasing and Supplies (MCIPS).

Mr.Yego is 41 years old.

He joined KenGen in October 2014 and is responsible for providing oversight in the efficient and effective operations of the supply chain function of the Company. He is responsible for tenders, contracts, compliance, fuel & general purchases, spares and commodities, planning and inventory. Prior to joining KenGen, he worked in senior management positions at Kenya Agricultural Research Institute, University of Nairobi Enterprises and Services (UNES) and Post Bank.

Departments: Tenders and Contracts and Logistics & Inventory

# **Managing Director & CEO's Statement**



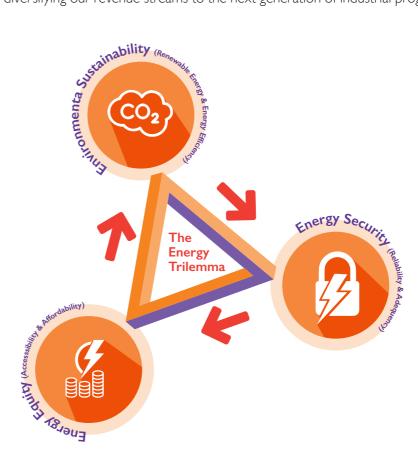
66

The new geothermal capacity of 280MW commissioned in the course of the last financial year has improved the national installed capacity and enhanced overall system reliability

83%

Additional Capacity from Clean Energy sources

This has been a year of purposeful portfolio moves that reaffirmed our energy development agenda addressing the World Energy Council's energy trilemma. We have lived up to our ambition of diversifying our revenue streams to the next generation of industrial progress.



### **Managing Director & CEO's Statement**

We have run the company in a simpler, faster and more accountable way to give us the competitive edge and cemented our position as a market leader in the region. This has been through development of geothermal and wind energy sources.

Today, we offer you consistent financial growth and business performance in a volatile world, with strong secure returns. KenGen remains steadfast in combining industrial strength with a significant financial service capability. We invested in the enterprise capability to allow KenGen to successfully execute its first commercial drilling contract.

Our business is performing well; with a foundation of broad and deep competitive advantage generated from our effective human capital. We have reshaped our organizational structure to more focused functions that drive new levels of productivity and deliver an important financial pivot. The outcome is KenGen as a robust business positioned to generate incremental earnings through shared capabilities while harnessing the value of collaboration. Our best days are ahead of us and we are determined to deliver for you.

### **Optimisation of Our Resources**

KenGen is committed to sustaining its core business and remaining ahead of its competitors through excellent maintenance of its generation assets, optimizing operations, attracting, retaining and developing motivated workforce and adopting best practices from best-in-class to assure enhanced financial success. Our business drivers of Plant Availability, Reliability, Speed of Response to Forced Outages, Safety Records, and Customer Satisfaction are in use to measure and monitor performance across the organizational processes and structure.

We also continuously monitor our operations and maintenance costs for each power plant to ensure the company stays on track and is spot-on to achieve sustainable cost of doing business.

The new geothermal capacity of 280MW commissioned in the course of the last financial year has improved the national installed capacity and enhanced overall system reliability. During the year, the effect of these 280MW geothermal plants had a positive impact on our segment performances of our plants.

The extension of the national grid to the counties of Lamu and Garissa by the Government enabled the Company to decommission isolated off-grid Garissa and Lamu thermal power plants. This effectively eliminated the consumption of expensive fuel, high operations and maintenance costs by the two stations.

In creating more valued business, our Supply Chain process has been refined to a more superior function to provide a firm foundation for our operations. We leverage on robust ICT systems to create a digital space that facilitate more horizontal business solutions for customer productivity and internal speed. A volatile world puts more of a premium on reducing risk through ICT infrastructure in the business value chain. As a matter of fact, 90% of our vendors downloads tenders directly from our website as opposed to initial practice of purchasing hard copy tender documents.

### Leveraging On State Of The Art Technology

KenGen endeavours to have an effective and efficient workforce to deliver our products cost effectively. Automation, Rehabilitation and Upgrade of Plants are key pillars in delivering this strategy.

During the year, automation and rehabilitation of control and protection systems for Tana and Turkwel power stations were finalized. The purpose was to centralize operations, enhance reliability and optimize plant availability. The original control systems for Tana power station which was prone to frequent mal-operations and failure were rehabilitated and upgraded to a more robust, user-friendly system. During the rehabilitation, staff were duly trained to enhance internal capacity to enable smooth running of the plant.

### Managing Director & CEO's Statement

### **Strategy**

KenGen is committed to energizing the country and steering the country to greater economic growth. Energy plays a key role in economic development and economic growth is an important factor in electricity demand growth. Electricity demand continues to grow and the quality of supply has improved in the last decade due to investments and expansion of the energy sector.

The G2G strategy identified a number of power plants and capacity expansions projects. From 2007, KenGen has commissioned over 700MW into the grid and 83% of the additional capacity was from clean energy sources which emphasizes our commitment to renewable and sustainable forms of energy. Our future plans look promising to the country and the company with a target of 2,500MW by 2025. 706MW is on scheduled for commissioning by 2020 as part of the capacity expansion plans.

The capital investment required for the expansion project is close to USD 8.1 billion and the company exploring other financing opportunities and models. The company has leveraged on balance sheet restructuring to raise our equity component. This will enable KenGen deliver planned projects. The Company has identified geothermal projects to be undertaken as Public Private Partnership (PPP) projects as part of project implementation. KenGen is also exploring other businesses under the new business initiative that seeks to improve our revenue stream from non-generation based revenue and has identified an industrial park in Olkaria area. The development of the KenGen Industrial Park will not only target the optimization of KenGen business operations, but also support the Government of Kenya's (GOK's) industrialization strategy as a pillar for economic growth and job creation. It is expected that this development will serve as one of the drivers for regional development and will create significant employment opportunities.

Capital expansion in generation capacity is a fundamental requirement for KenGen as we seek to continue being a key player in the sector. The Company has lined up a number of projects with a total of 706MW for implementation by 2020. These projects comprise of I40MW Olkaria V, I40MW Olkaria VI, I40MW Olkaria VII, 70MW Olkaria I Unit 6,25MW of Wellheads, Olkaria I Rehabilitation 5.7MW, Olkaria I AU & IV topping plant 60MW, 80MW Meru Wind Phase I, 50 Geotherma Wellheads and I0MW Ngong III project are at an advanced stage. We have secured the required funding from development partners.

The Company has the necessary organizational capability and available talent to implement the new projects, maintain our assets to the highest possible standards. We are building capacity to provide alternative revenue streams which include:

- Steam revenue from operation and maintenance of steam field in Olkaria.
- Commercial drilling services.
- Operation and maintenance services to private firms.
- Geothermal SPA.
- The development of the KenGen Industrial Park.

### **Financial Results**

KenGen achieved a great milestone in revenue growth in 2016 as it marked a complete year of operation of the 280MW Olkaria power plants. Total revenue increased by 29% from Kshs.29,957 million to Kshs.38,610 million which was boosted by earnings from new geothermal capacity, steam and commercial drilling services.

The Company registered growth of 49% in EBITDA from Kshs.17,821 million to Kshs.26,495 million due to improved revenues and optimization of expenses resulting in significant growth in operating profit. EBIT grew by 43% from Kshs.11,342 million in 2015 to Kshs.16,271 million in 2016.

Profit before tax recorded a growth of 30% from

### **Managing Director & CEO's Statement**

Kshs.8,690 million in 2015 to Kshs.11,264 million in 2016 as a result of revenue growth. However, profit after tax for the year declined by 41% from Kshs.11,517 million to Kshs.6,743 million due to tax charge for the year compared to tax credit the previous year.

### Sustainability and Stakeholder Management

KenGen recognizes the importance of sustainable management of environmental issues and the fundamental role it plays in business sustainability. Environmental performance is a shared responsibility and it is only by working together with our neighboring communities and other stakeholders that we will make necessary progress on our journey to become truly sustainable.

Through the established stakeholder coordination committees, whose membership includes the representatives duly nominated by the local communities; KenGen has built strong partnerships and improved community relations as we pursue mutually beneficial coexistence in line with our G2G transformation philosophy of being relevant from generation to generation.

KenGen is planning to establish a fully fledged Carbon Development Mechanism (CDM) and finance center within the company to deliver the corporate agenda on climate change and sustainability.

We continue to check our management systems against International ISO Standards through internal and external audits. This has enabled continual certification to ISO 14001:2004 Environmental Management System (EMS) and ISO 9001:2008 Quality Management System (QMS). We are in the process of establishing systems to facilitate the upgrade to ISO 9001:2015 QMS and ISO 14001:2015. We have both certification and we are working on recertification for both standards.

#### **Future Outlook**

We are continuing with the execution of our G2G Strategy. To sustain our current growth direction, we

are stepping up investments to drive geothermal and wind generation capacity growth. With our internal well equipped and motivated workforce coupled with requisite funding from our bilateral partners for the projects in the pipeline, KenGen is well positioned to deliver on promise and continue to be the market leader in the provision of competitively price electric energy in the country.

We are on course to deliver a total of 706MW additional capacity in the next 5 years. We have secured the required funding from development partners and internal resources for the planned major geothermal and wind projects.

We are confident that this project pipeline will assure stronger revenue growth and improved profitability in the coming years.

Thank you

Eng. Albert Mugo

Managing Director & CEO

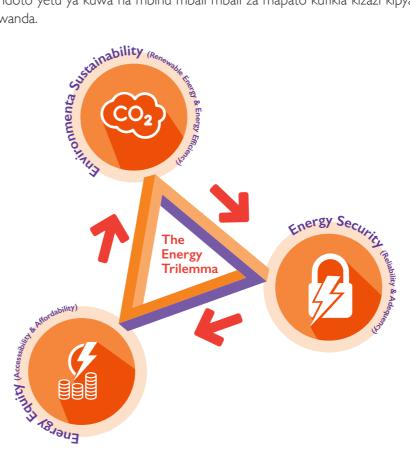


The new geothermal capacity of 280MW commissioned in the course of the last financial year has improved the national installed capacity and enhanced overall system reliability

83%

Additional Capacity from Clean Energy sources

Mwaka huu umekuwa wa uhamisho maalum uliothibitisha ajenda ya maendeleo yetu kwenye sekta ya kawi huku ukishughulikia chaguo gumu la Baraza la Kawi la Kimataifa. Tumetimiza ndoto yetu ya kuwa na mbinu mbali mbali za mapato kufikia kizazi kipya cha ustawi wa viwanda.



Tumeendesha kampuni hii kwa njia sahili, ya kasi na kwa mfumo wa uwajibikaji na hivyo kutuweka kwenye upeo na kuthibiti nafasi yetu kama kiongozi kwenye eneo hili. Hii imefanikiwa kupitia kwa kustawishwa kwa vyanzo vya kuzalisha umeme kwa mvuke kutoka ardhini na pia kwa kutumia upepo.

Leo, tunakupatia maendeleo sawia ya kifedha pamoja na ukuaji wa matokeo ya kibiashara katika ulimwengu huu unaobadilika. KenGen inasalia kuwa katika mstari wa mbele kwenye kuunganisha uthabiti wa viwanda na uwezo mkuu wa kutoa huduma ya kifedha. Tumewekeza katika biashara ili kuwezesha KenGen kutekeleza mkataba wake wa kwanza wa uchimbaji.

Biashara yetu inafanya vizuri licha ya ushindani mkali tulio nao kutokana na rasilmali yetu ya wafanyakazi thabiti. Tumebadilisha muundo wa shirika letu kufikia shughuli zenye umakini ambazo zinaimarisha viwango vya uzalishaji na kufikia mhimili muhimu wa kifedha. Matokeo ya KenGen yamekua na kuifanya biashara yetu kuzalisha mapato mengi huku ikikuza thamani ya ushirikiano. Bado tunayatarajia mengi mazuri katika siku za usoni huku ikiwa tungali tumejitolea kuwaletea matokeo bora.

### Kuboresha Rasilmali zetu

KenGen imejitolea kuendeleza biashara yake kuu, kuzidi kuwaongoza washindani wake kwa kudumisha rasilamli zake, kuboresha shughuli zake, kuvutia, kudumisha na kuwaandaa wafanyakazi wenye hamasa na kujifunza mbinu bora ili kuhakikisha matokeo bora ya kifedha. Baadhi ya mambo ambayo yameimarisha biashara ni pamoja na kuwepo kwa mitambo, kasi ya mwitiko wakati wa dharura, ushahidi wa usalama, pamoja na kuridhika kwa wateja; hizi zikiwa ni hatua na vigezo vinavyotumika kupimia na kukagulia utendakazi katika utaratibu na muundo wa shirika hili.

Kadhalika tumeendelea kukagua gharama za shughuli na uhifadhi wa vituo vyote vya uzalishaji umeme ili kuhakikisha kuwa kampuni hii inahimili gharama ya kufanya biashara.

Mtambo mpya wa kuzalisha umeme kwa mvuke kutoka ardhini wa kiwango cha Megawati 280 ulizinduliwa katika kipindi kilichopita cha kifedha ili kimeimarisha kiwango cha kitaifa na hivyo kuimarisha mategemeo ya mfumo wa jumla. Katika kipindi hicho cha mwaka, vituo hivi vya kuzalisha kiwango cha umeme cha Megawati 280 vilikuwa na matokeo bora.

Juhudi ya Serikali kuongeza mfumo wa nyaya za kupitisha umeme kufikia kaunti za Lamu na Garissa zimesaidia kampuni hii kusitisha huduma za vituo vya kuzalisha umeme kwa joto vya Garissa na Lamu. Hii imeondoa hasara inayotokana na matumizi ya mafuta ghali, shughuli nyingi na gharama za uhifadhi katika vituo hivyo viwili.

Katika shughuli za kuendeleza biashara, utaratibu wetu wa usambazaji umeimarishwa ili kutoa msingi thabiti wa kuendeleza utendakazi. Ushawishi wetu umetokana na mifumo imara ya habari na Mawasiliano ili kuunda nafasi ya kidijitali inayotoa suluhu za kibiashara za kudumisha wateja na ukuaji wa kasi wa shirika hili. Katika Ulimwengu huu unaobadilika umeongeza thamani ya biashara katika harakati za kupunguza hatari kupitia muundomsingi wa habari na mwasiliano. Isitoshe 90% ya wachuuzi wetu wanapata stakabadhi za zabuni moja kwa moja kutoka kwa wavuti wetu kinyume na hali ilivyokuwa hapo awali ambapo walilazimika kununua nakala za stakabadhi.

### Ushawishi kupitia Teknolojia ya kipekee

KenGen inajitahidi kuwa na wafanyakazi bora na wenye uwezo wa utendakazi ili kushughulikia vilivyo masuala ya gharama za bidhaa zetu. Matumizi ya mitambo inayojiendesha kiotomatiki, urekebishaji na uimarishaji wa vituo ni nguzo muhimu sana katika kuhakikisha kuwa mkakati huu unaafikiwa.

Katika kipindi hicho cha mwaka, shughuli za matumizi ya mitambo inayojiendesha kiotomatiki pamoja na urekebishaji wa mifumo ya udhibiti na ulinzi wa vituo vya umeme vya Tana na Turkwel ilikamilika. Malengo yalikuwa ni kuunganisha shughuli, kuimarisha tegemeo na kuboresha nafasi ya kituo hiki. Mifumo halisi ya

uthabiti ya kituo cha umeme cha Tana ambao kila mara ulikuwa katika hatari ya kukumbwa na hitilafu na kasoro, ulirekebishwa, kuimarishwa na kuwa imara. Wakati wa marekebisho, wafanyakazi walipewa mafunzo mapya ili kuimarisha uzalishaji na shughuli za kituo hicho.

#### Mkakati

KenGen imejitolea kuzalisha nishati nchini na hivyo kuifanya nchi kuimarika kiuchumi. Nishati inachangia pakubwa katika ustawi wa kiuchumi na ni muhimu kutimiza mahitaji ya umeme yanayozidi kuongezeka. Mahitaji ya umeme yalizidi kuongezeka na ubora wa usambazaji uliimarika katika kipindi cha mwongo mmoja uliopita kutokana na uwekezaji na uimarishaji wa sekta ya kawi.

Mkakati wa G2G ulitambua miradi kadha ya vituo vya uzalishaji umeme na kuongezeka kwa uzalishaji. Kuanzia mwaka wa 2007, KenGen ilizindua zaidi ya Megawati 700 katika mfumo wa waya wa kupitisha umeme na 83% ya kiwango zaidi ilitokana na vyanzo salama vya kuzalisha nishati suala linaosisitiza kujitolea kwetu kuafikia mbinu salama za kuzalisha nishati. Mipango yetu ya siku zijazo kwa nchi na kampuni hii ni ya kutia matumaini huku tukilenga kuzindua Megawati 2,500 kufikia mwaka wa 2025. Megawati 706 imepangiwa kuzinduliwa kufikia mwaka wa 2020 kama mojawapo ya mipango ya upanuzi.

Mtaji wa uwekezaji unaohitajika kwa mradi wa upanuzi unakaribia Dola za Amerika 8.1 bilioni na kampuni hii inachunguza fursa nyinginezo za ufadhili na miundo. Kampuni hii imesawazisha katika muundo mpya wa mizania ili kuongeza sehemu ya hisa zisizo na riba ya kudumu. Hii itawezesha KenGen kufanikisha miradi iliyopangiliwa. Kampuni hii imetambua miradi ya kuzalisha umeme kwa mvuke kutoka ardhini inayotarajiwa kuendelezwa kupitia kwa ushirika wa umma na sekta ya kibinafsi (PPP) kama sehemu ya kutekeleza miradi hii. Kadhalika, KenGen inatafiti biashara zingine chini ya mpango huu wa kibiashara ambao unanuia kuimarisha mapato yasiyo na msingi ya kizazi na imetambua bustani ya viwanda ya Olkaria. Ustawishaji wa bustani ya viwanda ya KenGen

hautalenga tu uboreshaji wa shughuli za kibiashara za KenGen bali pia utasaidia mkakati wa ukuzaji wa Serikali ya Kenya (GOK's) kama nguzo ya ustawi wa kiuchumi na uundaji wa nafasi za ajira. Kadhalika inatarajiwa kuwa hii itakuwa mojawapo ya shughuli za kuimarisha ustawi na kutoa nafasi nyingi za ajira.

Upanuzi wa mtaji katika kiwango cha uzalishaji ni nguzo na hitaji muhimu kwa KenGen tunavyozidi kutaka kuwa mshiriki mkuu katika sekta hii. Kampuni hii imeorodhesha miradi kadha ya kutekelezwa itakayozalisha jumla ya Megawati 706 za umeme kufikia mwaka wa 2020. Miradi hii inajumuisha Megawati 140 Olkaria V, Megawati 140 Olkaria VI, Megawati 140 Olkaria I Unit 6, Megawati 25MW ya Wellheads, Urekebishaji Olkaria I Megawati 5, Mtambo wa kuongezea wa Olkaria I AU na IV Megawati 60, Megawati 80 Meru Wind Awamu ya I, 50 Geotherma Wellheads na Megawati 10 Ngong III ambayo iko katika awamu za mwanzo. Tumepata ufadhili unaohitajika kutoka kwa washirika wa kimaendeleo.

Kampuni hii ina uwezo pamoja na vipaji vinavyohitajika ili kushughulikia miradi mipya, kudumisha rasilmali zetu kwa viwango vya juu vinavyohitajika. Tunaunda ujazo ili kutoa mbinu mbadala za mapato ambazo ni pamoja na:

- Mapato kutokana na shughuli pamoja na urekebishaji wa mtambo wa mvuke wa Olkaria.
- Huduma za kibiashara za uchimbaji.
- Kutoa huduma za shughuli na urekebishaji kwa kampuni za kibinafsi.
- Utambuzi wa sehemu zilizo na mvuke wa kuzalisha umeme kutoka ardhini.
- Ustawishaji wa bustani ya viwanda vya KenGen.

### Matokeo ya Kifedha

Katika mwaka wa 2016 KenGen imefikia makubwa katika ukuaji wa mapato kwani iliadhimisha mwaka mzima wa shughuli za kazi zake katika vituo vya uzalishaji umeme wa Megawati 280 vya Olkaria. Jumla ya mapato iliongezeka kwa 29% kutoka Kshs.29,957 milioni hadi Kshs.38,610 milioni ambazo ziliongezea mapato kutoka kwa kiwango

cha huduma za mvuke kutoka ardhini, mvuke pamoja na biashara ya uchimbaji.

Kampuni hii iliandikisha ongezeko la 49% katika EBITDA kutoka Kshs.17,821 milioni hadi Kshs.26,495 milioni kutokana na mapato yaliyoimarishwa na gharama za uboreshaji na hivyo kupelekea ongezeko kubwa la faida. EBIT iliongezeka kwa 43% kutoka Kshs.11,342 milioni mwaka wa 2015 hadi Kshs.16,271 milion mwaka wa 2016.

Kutokana na ongezeko la mapato, faida kabla ya ushuru iliongezeka kwa 30% kutoka Kshs.8,690 milioni mwaka wa 2015 hadi Kshs.11,264 milioni mwaka wa 2016. Hata hivyo, faida baada ya ushuru mwaka huu zilipungua kwa 41% kutoka Kshs.11,517 milioni hadi Kshs.6,743 milioni kutokana na ada ya ushuru ya mwaka ikilinganishwa na kodi ya muamana mwaka wa awali.

### Uendelevu na Usimamizi wa Washikadau

KenGen inatambua umuhimu wa usimamizi wa masuala ya mazingira na mchango muhimu katika uendelevu wa kibiashara. Masuala ya kimazingira ni wajibu wa kila mmoja na ni kwa kushirikiana na jamii jirani pamoja na washikadau wengine ndipo tutapiga hatua katika safari yetu ya kiuendelevu.

Kupitia kuanzishwa kwa kamati za kuratibu washikadau, zinazojumuisha washiriki walioteuliwa na jamii nyinginezo; KenGen imeunda ushirika na kuimarisha uhusiano na jamii huku tukiendelea kuinua maisha ya pamoja kuambatana na falsafa yetu ya G2G ya kusalia na umuhimu wa kutokea kizazi kimoja hadi kingine.

KenGen inapanga kuanzisha Mtambo imara wa kuzalisha Kaboni (CDM) na kituo cha fedha katika kampuni hii ili kuafikia maono ya shirika hili kuhusiana na mabadiliko ya hali ya anga na uhimili.

Tunazidi kuangalia mifumo yetu ya usimamizi kuambatana na Viwango vya Kimataifa vya ISO kupitia ukaguzi wa ndani na nje. Hii imesaidia kuzidi kuthibitishwa katika Mfumo wa Usimamizi Mazingira (EMS) wa ISO 14001:2004 na Mfumo wa Kusimamia Ubora (QMS) wa ISO 9001:2008. Tuko katika harakati za kuanzisha mifumo ya kuwezesha ustawi na makubaliano kuambatana na QMS mpya ya ISO 9001:2015.

### Mtazamo wa siku zijazo

Tunaendelea kutekeleza mkakati wetu wa G2G. Ili kuhimili mkondo wa ukuaji wa sasa, tunaimarisha uwekezaji ili kuongeza uzalishaji wa umeme kwa mvuke kutoka ardhini na kupitia upepo. Pamoja na wafanyakazi wetu wenye ujuzi na motisha, pamoja na ufadhili kutoka kwa washirika wetu wa kibiashara katika miradi iliyo mbioni, KenGen iko katika nafasi bora kutimiza ahadi na kuzidi kuongoza katika uzalishaji wa nishati yenye bei nafuu nchini.

Tuko mbioni kuafikia jumla ya Megawati 706 zaidi za umeme katika kipindi cha miaka mitano ijayo. Tumepata ufadhili unaohitajika kutoka kwa washirika wa kibiashara na vyanzo vya ndani ili kufadhili miradi mikuu ya kuzalisha umeme kwa mvuke kutoka ardhini.

Tuna imani kuwa mradi huu utahakikisha ongezeko la mapato na kuimarisha faida katika miaka ijayo.

#### Shukrani

Mhandisi, Albert Mugo Mkurugenzi Mkuu na Afisa Mkuu Mtendaji





### **Statement of Compliance**

KenGen ascribes to its continuing obligations as a listed company in compliance with the Capital Markets Authority (CMA) Code of Corporate Governance Practices for Issuers of Securities to the Public 2015 and the ethical standards prescribed in the Company's Code of Conduct.

The Company is also in compliance with the "Code of Governance for Government Owned Entities (Mwongozo Code)" which offers guidance to all state corporations on issues of governance. The Mwongozo Code is in sync with the CMA Code of Corporate Governance Practices for Issuers of Securities to the Public 2015.

As a law abiding corporate citizen, the Company is living the tenets of the Constitution of Kenya and complying with the provisions of relevant statutes including the Energy Act 2006, Public Procurement & Asset Disposal Act 2015, Public Finance Management Act 2015, Employment Act 2007 and Occupational Safety & Health Act 2007. The Company is pursuing compliance with the Companies Act 2015 within the next financial year.

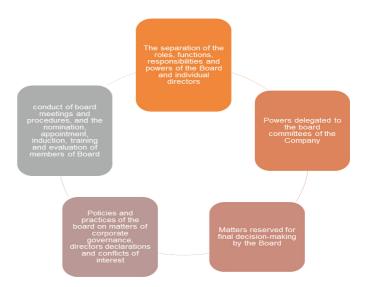
Adherence to the highest ethical standards and embracing of global best practices in KenGen's decision-making structures has ensured compliance with applicable legal principles. The corporate vision, mission and core values are the bedrock that underpin the Company's transformation philosophy of achieving sustainability in value creation from generation to generation.

During the year, the Company was re-certified to ISO 9001:2008-Quality Management System and ISO 14001:2004-Environmental Management System. This is a recognition and demonstration of continual excellence of the Organization's operations.

KenGen in its enviable position as a listed company, actively participated in the policy review of the various investor-specific legislation conducted by CMA to influence and lobby the outcome in the interest of the share holders. In furtherance to this, KenGen is represented in the Working Group One Committee of the Capital Markets Master Plan (CMMP) which was officially launched in November 2014. The CMMP is a 10-year strategic blue print for the Kenyan capital markets which the Working Groups are to provide the operational implementation path for actualization of the long term financial and economic goals as set out in the national development plan.

#### **Board Charter**

The Board Charter guides the Board in the exercise of its responsibilities by providing a concise overview of:



The Charter does not in any way purport to replace or supersede any laws and regulations that govern the Company.

### **Board Composition**

The KenGen Board is made of eleven (11) members made up of a non-executive Chairman, one executive Managing Director & CEO, the Cabinet Secretary-National Treasury, Principal Secretary-Ministry of Energy & Petroleum, plus seven and non-executive directors. Further, four (4) members are independent directors as per the new guidelines stipulated in the Code of Corporate Governance Practices for Issuers of Securities to the Public, 2015. The composition of Board is as outlined in the Articles of Association of the Company.

During the last Annual General Meeting and as per the Articles of Association of the Company on Rotation of Directors: three Board members retired and two new independent and non-executive directors were elected by the shareholders to join the KenGen Board.

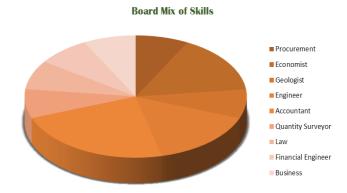
### **Definition of an Independent Director**

The Code of Corporate Governance Practices for Issuers of Securities to the Public, 2015 was issued by the Capital Markets Authority for application by both listed and unlisted public companies.

This new Code now defines an independent director as a member of a board of directors who does not have a material or pecuniary relationship with the company or related persons, is compensated through sitting fees or allowances, does not own shares in the company and after nine years of service, a continuing independent director ceases to be one and assumes the position of a non-executive director.

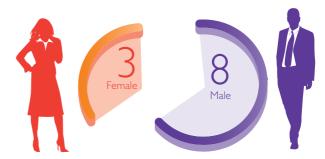
### **Board Diversity**

The Board has the following diverse set of skills:



KenGen continues to comply with the 1/3 gender diversity as outlined below:

### Gender Diversity



The biographies of the Directors are published on pages....

#### **Board Effectiveness**

### Separation of Powers & Duties of the Chairman and Managing Director & CEO

The separation of the functions of the Chairman and the Managing Director& CEO ensures the independence of the Board and Management. The requisite balance of power, increased accountability, clear definition of responsibilities and improved decision making is attained through this distinction between the non-executive and executive roles.

### Role of the Board



### **Directors Responsibilities**

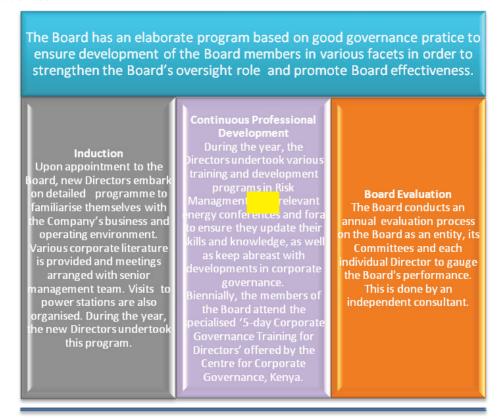
The Articles of Association of the Company and the Board Charter enumerate the responsibilities of the Directors. Execution of the mandate of the Board requires each Director to observe a code of conduct aligned to their duties and responsibilities to the Company and shareholders, and act within limitations as defined in the Charter while in observance principles of good corporate governance.

Each Director subscribes to uphold and promote effective and responsible use of Company resources and undertakes to act in good faith, with care and prudence in the best interest of the Company while exercising their power and executing their duties. The Directors are expected to familiarise themselves with

the relevant regulations and statutes, the Memorandum and Articles of Association of the Company, the Board's operating norms and procedures, and any other issues necessary for the discharge of their duties

Further, the Directors commit that, while taking into account the financial impact of their decisions, they shall consider the consequences for sustainable development, effect on relations with stakeholders and interest of the society in general. Directors are expected to be fully aware that they are individually and collectively responsible for deciding the Company's vision, mission and values, its strategic objectives, ensuring establishment of the organisational structure, putting in place policies to achieve the objectives as well as ensuring effective control over the Company and accounting to shareholders.

### **Board Effectiveness**



### The Company Secretary

The Company Secretary who is a member of the Institute of Certified Secretaries of Kenya (ICPSK) is the Secretary to the Committees of the Board with the exception of the Audit and Risk Management Committee. She offers the critical role of supporting the Board on procedural and regulatory matters while also ensuring the Company adheres to the Board Policies and Procedures.

### **Board Meetings**

The Board meets at least once every quarter or more often in accordance with requirements of the business.

The Board work plan and calendar of meetings is prepared in advance. Adequate notice is given for each board meeting, the agenda and papers are circulated in good time.

The Board was reconstituted in January 2016 when two (2) new members were appointed at the AGM.

The Board held 12 meetings which were attended as follows:

	Name	Attendance
1.	Joshua Choge	12
2.	Albert Mugo	12
3.	Humphrey Muhu (alternate director to Henry Rotich)	11
4.	Momata Gichana (alternate director to Joseph Njoroge)	11
5.	Dorcas Kombo	П
6.	Ziporah Ndegwa	12
7.	Millicent Omanga	12
8.	Musa Arusei	П
9.	Kairu Bachia	П
10.	Joseph Sitati	6 (Appointed in December 2015)
11.	Maurice Nduranu	6 (Appointed in December 2015)

(Hedrick Omanwa and Henry M'Narobi attended meetings until 16th December 2015 when they retired from the Board.)

### **Individual Directors Shareholding**

No member of the Board holds shares in his or her personal capacity that exceeds 1% of the total shareholding of the company. The breakdown of the Directors personal shareholding in the Company as at 30th June 2016 is as follows:

Name	No. of Shares	% holding
Joshua Choge	14,700	0.0002
Albert Mugo	2,203,593	0.04
Henry Rotich	-	-
Joseph Njoroge	-	-
Dorcas Kombo	150,000	0.002
Ziporah Ndegwa	-	-
Millicent Omanga	-	-
Musa Arusei	-	-
Kairu Bachia	213,300	0.003
Joseph Sitati	-	-
Maurice Nduranu	10,900	0.0002
Humphrey Muhu	7,436	0.0001
Momata Gichana	-	-

### **Directors Remuneration**

The Board endeavours to establish and approve formal and transparent remuneration policies to attract and retain both executive and non-executive Board members. These policies clearly stipulate remuneration elements such as directors' fees, attendance allowances and bonuses and shall be competitive and in line with remuneration for other directors in the same industry. In accordance with the guidelines provided in the State Corporations Act and the shareholder approval granted at the Annual General Meeting, the Directors are paid taxable sitting allowance for every meeting attended, as well as travel and accommodation allowance while

on Company duty. The Chairman is paid a monthly honorarium. KenGen does not grant personal loans or guarantees to its Directors. It is proposed that each Director receives fees of Kshs.600,000 per annum for the financial year ended 30th June 2016.

No loans were granted to any non-executive director.

### **Declaration of Interest and Conflict of Interest**

The Directors are obligated to fully disclose to the Board any real or potential conflict of interest, which comes to his/her attention, whether direct or indirect. The statutory duty to avoid situations in which they have or may have interests that conflict with those of the Company has been observed by the Board. All business transactions with all parties, directors or their related parties are carried out at arms' length.

An acknowledgement that should it come to the attention of a Director that a matter concerning the Company may result in a conflict of interest, obligates the Director to declare the same and exclude himself/herself from any discussion or decision over the matter in question.

At every meeting of the Board, an agenda item exists which requires members to make a declaration of any interest they may have in the business under discussion. Business transactions with the Directors or their related parties are disclosed on page .....

Company's policies on risk management, information

technology, procurement, corporate social responsibility & investment and conflict of interest are viewed as important for strategic focus. Disclosure on environmental, social and governance policies and implementation including a whistle blowing policy is deemed vital in the corporate culture of the Company.

All the Board Committees including the Audit & Risk Management Committee are established with written terms of reference detailing their respective mandate, authority and duties.

The appointment of new members to the Board at the last Annual General Meeting resulted in the reconstitution of the membership of the respective Committees in January 2016.



# Report from the Chairperson of the Audit & Risk Management Committee Dorcas Kombo

#### Mandate

The Audit & Risk Management Committee's duties are based on six broad functions namely the Internal Control, Risk Management & Compliance, Financial Reporting, Internal Audit, External Audit, Compliance with laws and regulations; and Compliance with the Company's Code of Conduct and ethical guidelines functions.

The Committee assesses effectiveness of the Company's internal control and risk management & compliance framework. It reviews the impact of significant accounting and reporting issues such as professional and regulatory pronouncements; meets the management and both external & internal auditors to review the financial statements and results of the audit process; and assesses if generally accepted accounting principles have been consistently applied within preparation of preliminary announcements & interim financial statements.

The Committee is responsible for the internal audit & risk management function by ensuring management acts on audit and risk management reports; reviews the performance and considers the independence of the external auditors; and confirms that all regulatory compliance is considered in the preparation of financial statements; and its meetings and invites a representative of the External auditors when reviewing the audited results.

#### Membership

Its membership comprises of five non-executive directors and two independent directors. Appointment to the Committee is for a period of three years which may be extended for two further three-year periods provided the Director remains independent.

The Internal Audit Manager is the Secretary to the Committee. This appointment is based on best practice and aims to increase the independence of the oversight and assurance function of the Committee.

The Committee routinely invites the Finance & Commercial Director and Internal Audit Manager who are both members of the Institute of Certified Public

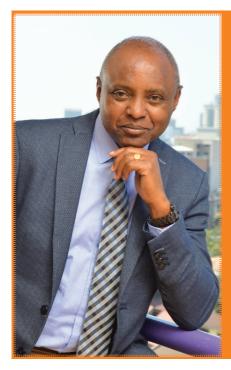
Accountants of Kenya (ICPAK) to its meetings. It also invites a representative of the external auditors when reviewing the audited results

#### **Attendance**

The Committee held 12 meetings which were attended as follows:

		Attend	Attendance		
	Name	July – Dec 2015	Jan – Jun 2016		
1.	Dorcas Kombo	8			
2.	Humphrey Muhu (Alternate to Henry Rotich)	8			
3.	Kairu Bachia	8			
4.	Momata Gichana	*	5		
5.	Joseph Sitati	*	5		

(Hedrick Omanwa and Millicent Omanga were members of the Committee until December 2015. H. Omanwa attended 7 meetings while M. Omanga attended 6 meetings)



# Report from the Chairperson of the Strategy Committee Kairu Bachia

#### Mandate

The Strategy Committee assists the Board in discharging its oversight duties with respect to the overall strategic direction of the Company, operational performance and organizational health.

The Committee reviews the Company's Strategy and investment policies and makes recommendations to the Board on issues of strategy adjustment. It also assesses the progress of the Company's Strategy execution plans through identification of priority areas.

The Committee monitors, evaluates and oversees the Company health including the review of financial and business plans and the overall Company Performance Management System.

### Membership

Its membership consists of four non-executive directors.

### Attendance

The Committee held 8 meetings which were attended as follows:

		Attend	ance
	Name	July – Dec 2015	Jan – Jun 2016
1.	Kairu Bachia	*	2
2.	Humphrey Muhu (Alternate to Henry Rotich)	5	
3.	Dorcas Kombo	*	4
4.	Musa Arusei		4
5.	Albert Mugo	8	

(Henry M'Narobi, Hedrick Omanwa and Ziporah Ndegwa were members of the Committee until January 2016. H. M'Narobi attended 4 meetings, H. Omanwa attended 4 meetings while Z. Ndegwa attended 4 meetings.)



# Report from the Chairperson of the Human Resource Committee Musa Arusei

#### Mandate

The Committee monitors the policies and practices of KenGen in relation to the Human Resources, offers advice and recommendations on the Company's human resource strategies, initiatives and policies; and the Nomination and Remuneration of Directors and Senior Management respectively. The Committee's duties are based on three broad functions namely the Human Resources, Nominating and Remuneration functions.

### Human Resources function

The Committee continually reviews the organization structure, core functions and optimum establishment; policies and procedures on staff recruitment and selection, staff training and development policy for operational efficiency, of performance and reward system and capacity enhancement & reviews the terms and conditions of service in line with the organisation's strategy. Further it reviews the Company's Human Resource Policies and recommend any amendments to the Board for approval.

### Nominating function

The Committee supports and advice the Board on the appropriate size and composition that will enable it discharge its responsibilities, transparent procedure for selecting new directors for appointment and re-selection to the Board; evaluation of the performance of the Board, the various committees and individual Directors.

#### Remuneration function

The Committee reviews the Company's remuneration, recruitment, retention, incentive and termination policies and procedures for Executive Directors and Senior Managers; their basic salary & the criteria for payment of bonuses to all staff and monitor its operation, consider any recommendations of the Chairman or Managing Director/CEO of the Company regarding payment bonuses or performance related remuneration.

#### Membership

The Committee is authorised by the Board to secure the attendance of external advisers at its meetings if it considers this necessary and to obtain reliable, up to date information about any of its business.

#### Attendance

The Committee held 6 meetings which were attended as follows:

		Attendance	
	Name	July – Dec 2015	Jan – Jun 2016
1.	Musa Arusei	6	
2.	Momata Gichana (Alternate to Joseph Njoroge)	4	
3.	Millicent Omanga	*	1
4.	Ziporah Ndegwa	2	
5.	Albert Mugo	6	

(Henry M'Narobi and Dorcas Kombo were members of the Committee until December 2015. H. M'Narobi attended 4 meetings while D. Kombo attended 4 meetings.)



# Report from the Chairperson of the Procurement Oversight Committee Ziporah Ndegwa

### Mandate

The Committee is mandated to endorse tender awards approved by the Managing Director & CEO for strategic procurements of over Kshs.50 million. It also approves all the annual procurement plans and discusses all the quarterly Procurement reports for submission to the Board.

The Committee has the oversight role to ensure compliance to The Public Procurement and Asset Disposal Act 2015 and the Public Procurement and Disposal Regulations 2006.

### Membership

Its membership consists of four non-executive directors.

#### **Attendance**

The Committee meets once every month or as when strategic procurements need to be reviewed.

The Committee held 12 meetings which were attended as follows:

		Attendance		
	Name	July – Dec 2015	Jan – Jun 2016	
1.	Ziporah Ndegwa	12		
2.	Millicent Omanga	10		
3.	Musa Arusei	*	7	
4.	Maurice Nduranu	*	7	

(Joshua Choge and Henry M'Narobi were members of the Committee until December 2015. J. Choge attended 5 meetings while H. M'Narobi attended 4 meetings.)



# Report from the Chairperson of the Capital Raising Committee Millicent Omanga

#### Mandate

The Committee was established to oversee the activities of the Financial Arranger and Advisor in particular, adherence to the terms of reference of the contract signed with KenGen. The Committee in its mandates oversees capital raising and balance restructuring activities of the Company including the recently concluded Rights Issue.

The Committee oversees the implementation of the overall investment plan for the PIBO funds, as per the Information Memorandum, Ministerial approvals and asset allocations for cash and cash equivalents with respect to fixed-income securities, and equities. It reviews Management's short term investment recommendations, including permissible types of investments, with respect to uncommitted PIBO funds and advices as necessary.

The Committee on a quarterly basis or at such times as required by business volume, reviews the investment performance of the PIBO funds to ensure adequate and competitive returns. It reviews at least semi-annually the repayment of the PIBO funds to ensure fulfilment of repayment obligation, adequacy of cash flow and any other factor that may be necessary to monitor. It also monitors on a quarterly basis the Company's key financial ratios and any other issues relevant to the PIBO Fund.

### Membership

Its membership consists of four non-executive directors.

#### **Attendance**

The Committee held 6 meetings which were attended as follows:

	Attenda		ance	
	Name	July – Dec 2015	Jan – Jun 2016	
۱.	Millicent Omanga	*	3	
2.	Humphrey Muhu (Alternate to Henry Rotich	5		
3.	Joseph Sitati	*	3	
4.	Maurice Nduranu		3	
5.	Albert Mugo		6	

(Momata Gichana, Kairu Bachia and Musa Arusei were members of the Committee until December 2015. M. Gichana attended 2 meetings, K. Bachia attended 1 meeting while M. Arusei attended 2 meetings.)

### **Executive Management Committee (ExCo)**

The Managing Director & CEO and all the Divisional Directors makeup the ExCO. This Committee serves as a link between the Board and Management. ExCO:'s mandate and responsibility is ensuring compliance with the statutory and regulatory framework, and guidelines and adherence to Company policy and procedures. Its meetings are convened on a weekly basis to discuss strategy formulation and implementation, policy matters and financial performance.

### **Internal Controls & Risk Management**

The Board affirms its responsibility for the Company's system of internal financial control, including taking reasonable steps to ensure that adequate systems are being maintained as set out on page ....... Effective internal control systems to assess and mitigate any risks to which the Company may be exposed to, for effective internal financial management have been operationalised.

A comprehensive policy on the risk management framework to identify, measure and manage all key risks has put in place by the Board and integrated in the overall management reporting structure. These risks are further demarcated onto the Strategic Corporate Risk Matrix which is closely monitored by the Board. The Audit & Risk Management Committee of the Board through its delegated mandate from the Board regularly reviews the effectiveness of the internal control system. The Head of the Internal Audit & Risk Management Department reports directly to the Board's Audit & Risk Management Committee.

### **Ethics and Code of Conduct**

At KenGen, good corporate governance is engrained as a valuable contributor to the long-

term success of the Company through creation of the right culture throughout the organisation. The core values of integrity, professionalism, team spirit and emphasis on safety culture steer our Company's organizational health and decision-making processes. Owing to the dynamic business environment, The Company periodically conducts reviews such as the culture baseline survey in view of the dynamic business environment so as to review and further improve the existing culture in the organisation.

The Company has a whistle blowing policy in place and is in the process of setting up an anonymous whistle-blower hotline to be managed by managed by an independent, accredited and external institution. Through the hotline, anonymous reports on unethical/fraudulent behaviour will be made without fear of retaliation from the suspected individuals.

The Company conducts its business in compliance with relevant legal principles and high ethical standards of business practice. The Board, Management and employees are required to observe the code and high standards of integrity. Further, these standards are applied in all dealings with customers, suppliers and other stakeholders.



### **Going Concern**

The Board confirms that the Company has adequate resources to continue in business for the foreseeable future. For this reason, it continues to adopt the going concern basis when preparing the financial statements.

### **Engagement with Shareholders**

In the endeavour to actively engage with shareholders, KenGen strives to provide regular and timely information to the shareholders. The interim and annual results are always published in the local daily newspapers. In accordance with Article I 37 of the Articles of Association of the Company, the Annual Report & Accounts is posted onto our website at www.kengen.co.ke at least 21 days

before the Annual General Meeting (AGM) to ensure that all the shareholders are well informed at the AGM. Further, the Company's website offers a platform for shareholders to quickly access corporate information.

All Directors were able to attend the last AGM held on 16th December 2015 and were available to answer questions from shareholders.

### **Shareholding**

In line with the Continuing Obligations for listed companies as prescribed by the Capital Markets Authority and Nairobi Securities Exchange, KenGen files Investors' Returns on a monthly basis.

### LIST OF TWENTY LARGEST SHAREHOLDERS AS AT 30 JUNE 2016

		Number of Shares	%
1	CABINET SECRETARY - THE NATIONAL TREASURY	4,615,424,088	73.93%
2	CFC STANBIC NOMINEES LIMITED	96,696,000	1.55%
3	CFC STANBIC NOMINEES LIMITED	93,567,000	1.50%
4	KENYA COMMERCIAL BANK NOMINEES LIMITED A/C 915A	76,637,446	1.23%
5	STANDARD CHARTERED NOMINEES RESD A/C KE I 1443	65,634,994	1.05%
6	STANDARD CHARTERED NOMINEES RESD A/C KE I 1450	64,702,437	1.04%
7	STANDARD CHARTERED NOMINEES RESD A/C KE   140	59,767,480	0.96%
8	STANDARD CHARTERED NOMINEES NON-RESD. A/C 9287P	54,000,000	0.86%
9	STANDARD CHARTERED NOMINEES LTD A/C KE002339	50,000,000	0.80%
10	STANDARD CHARTERED NOMINEES NON RESIDENT A/C 9626	26,000,000	0.42%
11	STANDARD CHARTERED NOMINEE ACCOUNT KE 18202	25,300,300	0.41%
12	GOODWILL (NAIROBI) LIMITED A/C 96629	19,500,000	0.31%
13	STANDARD CHARTERED NOMINEES NON -RESD. A/C 9711	18,000,000	0.29%
14	CFC STANBIC NOMINEES LTD A/C R57601	17,852,889	0.29%
15	NIC CUSTODIAL SERVICES A/C 077	14,331,414	0.23%
16	KENYA COMMERCIAL BANK NOMINEES LIMITED A/C 1018C	13,260,834	0.21%
17	RAMESHCHANDRA KHETSHI SHAH	12,619,700	0.20%
18	CO-OP CUSTODY A/C 4018	12,140,000	0.19%
19	RAMABEN SUMANTRAI PURSOTTAM PATEL	10,288,800	0.16%
20	STANDARD CHARTERED NOMUNEES NON-RESD. A/C 9069	8,718,600	0.14%
	192,340 other shareholders	888,656,487	14.23%
	Total	6,243,098,469	100.00

### **DISTRIBUTION OF SHAREHOLDERS**

	No. of		% Shareholding
Range	Shareholders	Shares	
I - 500	81,133	19,769,750	0.32
501 - 1,000	35,269	28,074,423	0.45
1,001 - 5,000	50,691	112,789,890	1.81
5,001 - 10,000	17,268	115,911,477	1.86
10,001 - 50,000	6,646	132,769,680	2.13
50,001 - 100,000	702	49,334,233	0.79
100,001 - 500,000	461	97,072,270	1.55
500,001 - 1,000,000	75	51,229,439	0.82
Above 1,000,000	115	5,636,147,307	90.28
Total	192,360	6,243,098,469	100.00

### **INVESTOR POOLS**

	No. of		o/ 61
	Shareholders	Shares	% Shareholding
Local Institutions	8,068	5,158,194,991	82.62
Local Individuals	183,293	631,017,907	10.11
Foreign Investors	999	453,885,571	7.27
Total	192,360	6,243,098,469	100.00

During the Rights Issue, 272 shareholders made payments amounting to Kshs 5,087, 998.35 but their applications had not been received. These shareholders would receive 775,310 shares fully paid for subject to regularization of the applications being done within a reasonable period but not later than the next Annual General Meeting of the Company otherwise the Board would deal with those shares in a manner it deems fit.

After considering the above the total alloted shares would be 4, 045,512,323 ordinary shares with a par value of Kshs.2.50 each in the Company.





# GOVERNMENT OF KENYAPERFORMANCE CONTRACT REPORT 2016

The GoK is committed to clearly defining the working relationship between itself and the State Corporations.

The GoK recognises the need for adequate and reasonable managerial and operational autonomy to facilitate achievement by the Board and Management of KenGen of the agreed and freely negotiated performance targets set out in this Contract.

The purpose of the performance contract is to establish clarity and consensus about priorities for the Corporation's management in order to:

- 1. Ensure that systems are established to ensure equality of all users of public services is achieved;
- 2. Ensure impartiality and fairness in the process of delivery of public services;
- 3. Ensure promotion of National Cohesion and National Values;
- 4. Ensure continuity of public services under all circumstances;
- 5. Establish systems to enable innovativeness and adaptability of public services to the needs of users;
- 6. Ensure professionalism and ethics in public service is achieved and maintained:
- 7. Establish systems to ensure promotion and protection of rights of users of public services and public servants as enshrined in the Bill of Rights;
- 8. Institutionalize a culture of accountability, integrity, transparency and promotion of values and principles of public service;
- 9. Ensure a corruption free public service; and
- 10. Ensure effective, efficient and responsible use of public resources;

During the year the Company executed the agreed targets but the final performance evaluation by the government is still awaited to be carried undertaken.

However, from a self-evaluation in accordance with the criteria followed in the last financial year, KenGen achieved an "Excellent" status. A summary of the performance is as follows:

### **FINANCE & STEWARDSHIP**

#### I. Pre-Tax Profit

Pre-tax profit was Ksh. 14.465 billion against a target of Ksh. 7.75 billion, mainly due to steam revenue, drilling revenue and lower operating costs. There was an increment of Ksh. 5.775 billion compared to the same period last year mainly due to increase in revenue from Olkaria IV & I and Wellheads, as well as steam and drilling revenues.

#### 2. Return on Investment

Return on investment was above target due to lower operating expenses as well as the improved profitability and increase in assets as a result of revaluation. Set against an estimated net asset base of Ksh. 255.5billion as of 30th June 2016, the actual ROI was 5.66%, against a target of 3.32%.

### 3. Dividend to National Treasury

KenGen is expected to contribute to the National Treasury by making a dividend payment of Ksh. 500 billion. But owing to the cash requirement to expand capacity, the Company has considered retaining the earnings.

### 4. Development Index (DI)

Development Index was below target for the year mainly due to delay of projects such as Olkaria I Unit 6, Olkaria V, Olkaria VI and Ngong III. Annual performance, based on capital and recurrent expenditures of Ksh. 20.5 billion and Ksh. 31.5 billion respectively, was 50.52% versus an expected performance of 65.8%.

#### A. SERVICE DELIVERY INDICATORS

### 5. Customer Satisfaction

KenGen being a listed company at the Nairobi Security Exchange (NSE), prides itself in customer service and satisfaction. The process of procuring an independent consultant to conduct customer and stakeholder satisfaction survey as a way of getting feedback from customers and stakeholders is underway.

### 6. Service Delivery Innovations

The Board is improving service delivery efficiency through development of the following two (2) innovations:

- i) Supplier Relationship Management System; and
- ii) Geothermal drilling using Polycrystalline Diamond Compact (PDC) bits: The Company tested the use of PDC.

### 7. Service Delivery Innovations Application

The Company is committed to fully implementing the Geothermal drilling using PDC bits.

### 8. Resolution of Public Complaints

The Board ensured prompt resolution of public complaints referred directly or channelled through the Commission on Administrative Justice (CAJ). In the period, the company obtained a certificate issued by Commission on Administrative Justice with a score of 70%.

### 9. ISO 9001:2008 Certification

KenGen complied with the standards stipulated for the purpose of maintaining certification status and achieved re-certification to QMS ISO9001:2008 and EMS ISO14001:2004 from Bureau Veritas in July 2015, valid for 3 years.

#### 10. Automation

In the current financial year, the Board kept in pace with developments in Information and Communication Technology (ICT), with an aim to achieve 62.5% of process automation. Status achieved is 56.5%.

#### B. NON-FINANCIAL INDICATORS

### 11. Implementation of the Strategic Plan

The Board led in implementing activities outlined in the Implementation Matrix 2015/16 of the Strategic Plan. This was by driving divisional strategic initiatives and service level agreements to identify the corporate performance levels.

### 12. Asset Management

The Board made best use of company equipment, machinery, tools and property in order to maximize taxpayers' value. This included:

i) Inventory Management (25%)

The Company maintains a catalogue of assets and property.

ii) Maintenance (25%)

The Company has a well laid out annual maintenance programme of all its plants.

iii) Repairs (25%)

Execution of repairs on power generation plants and other assets were done on time, ensuring the target was attained.

iv) Disposal of Idle Assets (25%)

Disposal was done in full conformity with the Environmental Management Act, Public Procurement and Disposal Act and any other existing legal requirement.

# 13. Youth Internship / Industrial Attachment / Apprenticeship

In the contract period, the Board progressively involved youth in internship / industrial attachments. I,236 youth were offered skills transfer through the internship program against a target of 636.

### 14. Youth, Women and Persons with Disabilities Empowerment

The Board supported empowerment of youth, women and persons with disabilities by achieving 60.8% for awarding tenders to enterprises owned by the youth, women and persons with disabilities.

### 15. Compliance with the Constitution

The Board ensures all the articles in the Constitution related to KenGen's mandate are complied to and implemented. The Company ensured all relevant articles in the Constitution are followed and a compliance Audit was done to identify gaps to be addressed.

### 16. Compliance with Statutory Obligations

The Board conforms to laws and regulations related to and not limited to the following: Public Procurement and Disposal Act, Remittance of statutory deductions, Disability Mainstreaming, Gender Mainstreaming and Environmental Sustainability.

### 17. Safety and Security Measures

The Board implemented all aspects related to safety and security of personnel, documents, information, equipment and assets. A safety and disaster preparedness mechanism was put in place to address current insecurity issues affecting the country. Measures taken included:

- Emergency drills to evaluate staff response were conducted at all business areas;
- Security awareness including terrorism was carried out;
- Implementation of an Integrated Information Security Management System (ISMS) is ongoing;

#### C. OPERATIONS

# 18. MDA Priority Indicators (Electricity Generation Growth)

KenGen undertook six (6) Vision 2030 Delivery Secretariat (VDS) projects with a total addition of 476MW.These are:

- i) Wellhead Project (25MW) 25 MW commissioned in the period;
- ii) Olkaria I Rehab (51MW) Procurement of consultant done;
- iii) Olkaria I Unit 6 (70MW) Contractor procurement ongoing;
- iv) Olkaria V (140MW) Tendering of contractor ongoing;
- v) Olkaria VI (140MW) Procurement of Transaction advisor done;
- vi) Meru wind Phase I (50MW) Negotiations with Meru County on land ongoing.

KenGen brands and communicates the Vision 2030 flagship projects on the website.

# 19. MDA Priority Indicators (Electricity Generation Growth)

The company made good progress to ensure additional capacity target from Geothermal Wellheads was met within the period. The targeted 25MW were commissioned in the period. This capacity will boost the government initiative of national electrification.

### 20. Capacity Utilization / Plant Availability

KenGen's plant availabilities are based on threshold targets and in accordance with the different generation modes. These are in harmony with industry practice that provides for planned and unforeseen machine outage and are as per the signed Power Purchase Agreements with the off-taker – Kenya Power.

Within the period, plant availability targets were achieved;

- i) 98.00% for hydro, above the 82% threshold;
- ii) 96.50% for geothermal, above the 85% threshold;
- iii) 83.03% for gas turbines, below the 80% threshold;
- iv) 92.10% for diesel, above the 80% threshold;
- v) 88.55% for off-grid against the 80% threshold.

### 21. Project Implementation

Generation capacity expansion projects are implemented to meet the forecasted power demand, with 100% completion target based on activities scheduled for the contract period. KenGen ensured 100% cost effectiveness in implementation of the set projects within budget.

### 22. Ease of Doing Business

The Board played its part in fostering an environment favourable for business while making the country globally competitive. Investors and shareholders were protected through full disclosure of information and adherence to all set standards, laws and regulations. These included:

- i. 2014/15 financial reports were made public though the Annual General Meeting following Board approval and posted on the KenGen website;
- ii. A shareholders tour conducted on 18th November 2015:
- iii. Payment of dividends was effected in March;

iv. Adoption of e-procurement done with all tenders being uploaded on IFMIS.

### D. DYNAMIC / QUALITATIVE INDICATORS

### 23. Human Resource Management and Development

The Company addressed the following indicators:

- i) Pension Management activities included:
  - Identification of staff due to retire in 4 years has been prepared and pre-retirement training of 60 soon to retire staff undertaken.
- ii) Competency development activities implemented for systematic enhancement of skills and proficiencies to address career progression of employees and improve institutional performance. These included:
  - a. Skills / competence needs assessment and intervention programs: A total of 692 staff attended various trainings within the period;
  - b. Performance appraisals done
  - c. Knowledge management: organizational knowledge is captured, developed, shared and effectively used. Appropriate documentation and communication channels to store and transfer knowledge are set and include:
    - An annual technical seminar conducted in July 2015, with over 40 papers presented to 350+ staff and guests. 13 quick wins and 13 R&D ideas being implemented;
    - Forums for sharing experiences, known as Communities of Practice and Innovation, are being established in all the company areas; and
  - d. Prevention of Alcohol and Drug Abuse (ADA)

     the Workplace Policy on ADA is consistently being implemented; and sensitization on Alcohol and Drug Abuse conducted at all areas;
- iii) Prevention of HIV/AIDS Infections activities implemented to mitigate against HIV/AIDS and support achieve the Kenya AIDS Framework objectives included:
  - a. Ksh. 1.5 million allocated per quarter for HIV programmes;
  - b. Interventions implemented in line with

Combination Prevention Approach are:

- Condom promotion: 28,102 condoms were distributed companywide;
- Counselling and testing: VCT Counselling sessions were held in various area offices.
- Promoting Wellness amongst staff: Forums were held with themes on Effects of HIV Aids Stigma and ADA in the work place;

### 24. Corruption Eradication

The Board combats and prevents corruption, unethical practices and promote standards and best practices in governance in line with the Ethics and Anti-Corruption Commission Act no. 22 of 2011 and the Leadership and Integrity Act 2012. The Board implemented various key indicators - approved Annual Procurement Plan; Gift Registers operationalized across the Company; Integrity Assurance Officers trained, Whistle blowing on corruption and unethical conduct is encouraged and both email and drop box options are in place.

### 25. Mwongozo Code of Conduct

KenGen Board signed off Mwongozo - the Code of Governance for State Corporations on 1st April 2016. Baseline Survey on governance was done by the Board in May 2016.

# 26. Promote Realization of National Cohesion and Values

KenGen promotes national values and principles of governance and create a peaceful and cohesive nation. Quarterly reports were submitted to the Directorate of National Cohesion and National Values.

# 27. President's Annual Report on National Values and Principles of Governance

The Company implemented commitments from the Presidential Annual Report on national values and principles of governance: Mwongozo Code of Governance was signed; Campaigns against corruption awareness creation are being sustained and KenGen submitted an annual report in January 2016 that will form part of the Presidential Report on National Values and Principles of Governance to the Directorate of National Values and National Cohesion.

### **Review of Our Operations and Financials**

### **Operations Overview**

We added I5MW of Wellhead power plants to our fleet bringing our total installed capacity to I,623MW. However, the increase was partly offset by the decommissioning of a total of 9MW at our two isolated off-grid thermal plants of Garissa and Lamu which were connected to the National Grid.

Total electricity sales volume grew by 11% from 7,027GWh in 2015 to 7,819GWh in 2016. This increase is attributable to growth in sales from Geothermal and Hydro segments arising from the completion of the projects and favourable hydrological conditions respectively as shown in Table I.

### Growth In Electricity Sales

Table 1: Growth in Electricity Sales

	Units Sold (GWh)			
	30 June 2016	Change		
Source	GWh	GWh	%	
Hydro	3,784	3,308	14%	
Geothermal	3,543	3,104	14%	
Thermal	435	578	-25%	
Wind	57	37	54%	
Total	7,819	7,027	11%	

### **Financial Overview**

During the year under review, the Company recorded growth in revenue, profitability and asset base which is a in line with our expectations since the adoption of the G2G Strategy.

Table 2: 2016 Results

Table 2. 2010 Nesaits	2016 Kshs' 000	2015 Kshs' 000	Change %
Revenue Electricity revenue Steam revenue Other income	29,543,488 6,856,018 2,210,050	25,602,038 3,689,361 665,902	15% 86% 232%
	38,609,556	29,957,301	29%
Expenses Operating expenses Steam Costs Depreciation & Amortisation	(8,947,868) (3,167,173) (10,223,370)	(8,447,406) (3,689,361) (6,478,945)	6% -14% 58%
Operating Profit	16,271,145	11,341,589	43%
Compensating tax Interest income Finance costs	(2,431,022) 556,108 (3,132,187)	359,082 (3,010,659)	100% 55% 4%
Profit Before Tax	11,264,044	8,690,012	30%
Tax (expense)/credit	(4,520,552)	2,827,315	-260%
Profit for the Year	6,743,492	11,517,327	-41%

Electricity revenue grew by 15% from Kshs.25,602 million to Kshs.29,544 million. This was mainly attributed to the contribution from additional capacity from 280MW geothermal power plants which for the first time was operational for the full year.

Table 3: Electricity Revenue

	30 June 2016 Kshs 'mil	30 June 2015 Kshs 'mil	Change %
Capacity revenue	21,262	19,102	11%
Energy revenue	7,672	6,206	24%
Forex recovery	610	294	107%
Total	29,544	25,602	24%

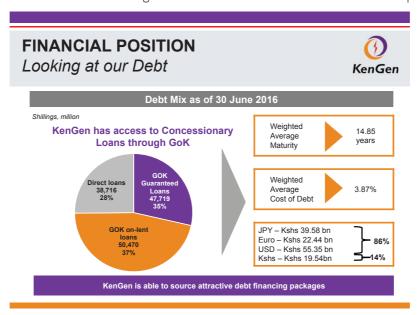
The operating expenses increased by 6% from Kshs.8,447 million in 2015 to Kshs.8,948 million in 2016 due to increased operational scope and capacity building. Depreciation and amortization expenses increased by 58% mainly due to revaluation of assets and full year depreciation of Olkaria 280MW.

The Company's operating profit grew by 43% from Kshs. I 1,342 million to Kshs. I 6,271 million due to improved revenues and optimization of expenses resulting in significant growth in operating profit.

Compensating tax of Kshs.2,431 million is a provision that arose from payment of dividends of Kshs.5,735 million paid to the government during the year in accordance with section 7A(5) of the Income Tax Act Cap 470.

Profit before tax recorded a growth of 30% from Kshs.8,690 million in 2015 to Kshs.11,264 million in 2016 as a result of revenue growth. However, profit after tax for the year declined by 41% from Kshs.11,517 million to Kshs.6,743 million due to tax charge for the year compared to tax credit the previous year. Last year the company benefited from investment allowances following the completion of Olkaria 280MW plants.

Total assets increased by 7% from Kshs.342,520 million in June 2015 to Kshs.367,249 million in June 2016, due to investments in 15 Units of Wellheads and drilling of additional wells to secure steam for the upcoming power plants.







### Our Strategic Direction - Our Plan

As a company, we have made great achievements in the implementation of our strategy. At the commencement of our strategy, Kenya was wholly reliant on hydro power which is susceptible to erratic weather patterns affecting regular power supply. So far, KenGen has achieved several milestones in its G2G journey.

On capital planning and execution, we have delivered 700+MW of new generation capacity of which close to 80% is from geothermal. We have drilled more than 150 geothermal wells, exceeding our target of 100 and we passed preparation of more than 1,900 MW of future projects against a target of 1,500 MW by 2018.

On the Regulatory front, KenGen created a regulatory unit. We were able to raise the regulated returns by  $\sim$ 19% and we significantly reduced our dispatch risk through shifting towards capacity based Power Purchasing Agreements (PPAs).

By increasing KenGen's operational excellence we have significantly improved our return on invested capital by  $\sim$  89% from 4.7% in 2007 to 8.9% in 2015. In line with our strategy, KenGen has stepped up its role in the Government of Kenya's capacity expansion programme. Our capacity addition programmes are aligned to the country's Vision 2030 industrialization goal and Medium Term Plans.

The next phase of our strategy is an ambitious one that will ensure that the Kenyan people have access to reliable, sufficient and affordable electricity. As part of G2G Horizon II, KenGen aims to add 2,500 MW new capacity in the next ten years, contribute to lowering consumer tariffs, diversify our business to tap into new revenue sources like offering geothermal consulting or drilling services. We are also building capabilities to be ready for our future and investing in our people to have a happy and productive workforce which is proud to be part of KenGen.

The strategic priorities that will drive the new strategy are:

- 1. Improving returns of current plants (i.e., OPEX optimisation)
- 2. Optimising future plants' CAPEX planning and execution
- 3. Improving PPAs and tariff regulation
- 4. Pursuing new financing approaches (e.g., partnerships, asset monetization)
- 5. Establishing new structures to execute and finance projects
- 6. Delivering current pipeline and access new geothermal fields
- 7. Improving organizational health and build required skills and capabilities

Below we summarize our strategic direction

#### Our company



Installed generation capacity
1,630MW

Market share in Kenya

Planned increase in installed capacity over the next 10 years > 1.5 X

#1

Number 1

Largest geothermal power producer in Africa, making Kenya 7th in the

84%

Share of green/sustainable generation sources

\$

29% increase

#### **Our Focus**



2,500 MW

Planned new capacity by 2025



**Lower tariffs** 

Align with GoK goal to reduce customer tariffs



Overall vision

0

To be the market leader in the provision of reliable, safe, quality and competitively priced electric energy in the Eastern Africa region



**Diversify business** 

Increase organisation capabilities to meet new strategic direction



**Build capabilities** 

Acquire new skill sets to address changes in the operating environment and achieve success

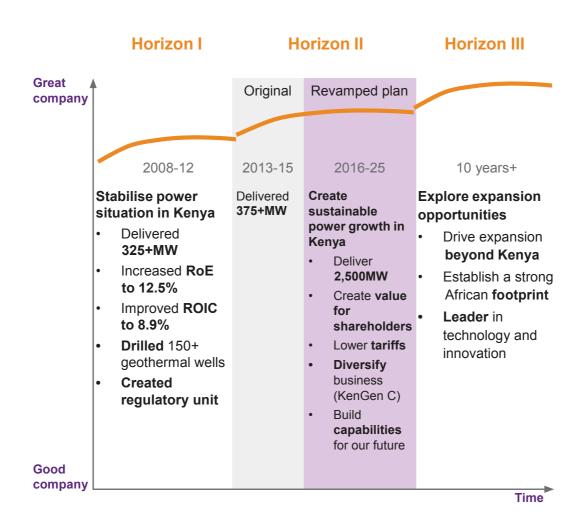


**Establish African Footprint** 

Explore expansion opportunities and drive geothermal development in the region and across Africa

# We have revamped our G2G strategy with ambitious new target





# Our Horizon II aspirations are aligned with the power sector objectives of the Government

# Government power sector objectives

- Grow power supply to support Kenya's demand growth
- Achieve lower cost of electricity
- Increase renewable and competitive energy sources

# Our Horizon II aspirations

#### **Capacity increase**

- Increase capacity by 2,500MW to remain relevant player in the market (50+% share)
- 84% of this capacity is expected to come from Geothermal and 16% wind representing a 100% renewable mix

#### Value creation

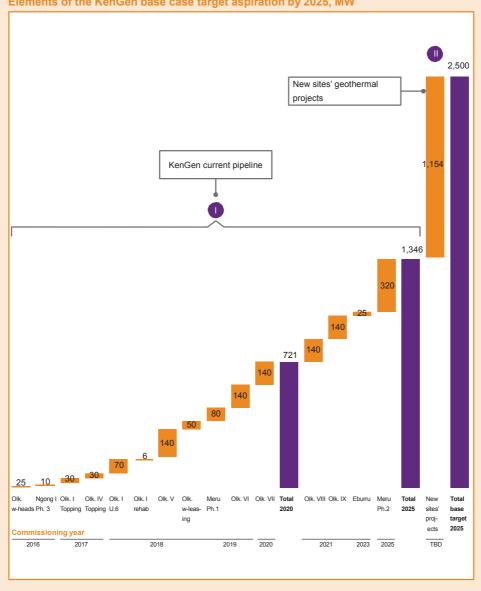
 Create and preserve value for stakeholders

#### Lower tariffs

 Lower the cost of electricity by supplying cheaper renewable electricity

## The medium-term target aspiration is 721MW by 2020 and remaining capacity by 2025

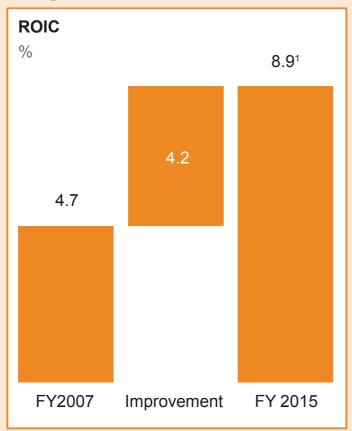






# We have achieved significant improvement and will continue to further improve performance

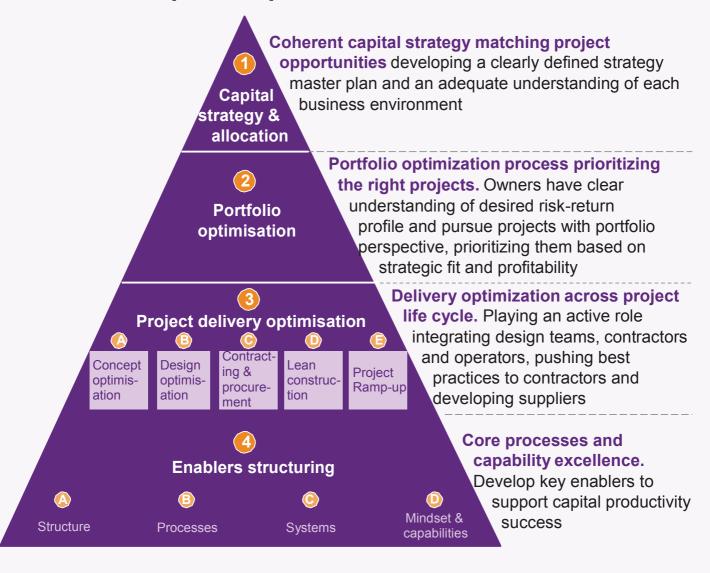
KenGen has recorded significant Return on Invested Capital (ROIC) improvement during Horizon I of G2G but...



## ...further improvement opportunities exist through OPEX optimisation

- Direct O&M savings: through improved overhaul schedule and procurement
- Additional generation: by improving plants availability
- Reduced margin adjustment: by meeting PPA threshold requirements

# A holistic capital productivity programme roll out to significantly drive capex optimisation



# 3 Our tariff aspirations support the Government of Kenya's goal to reduce consumer tariffs

#### **Key tariff considerations**



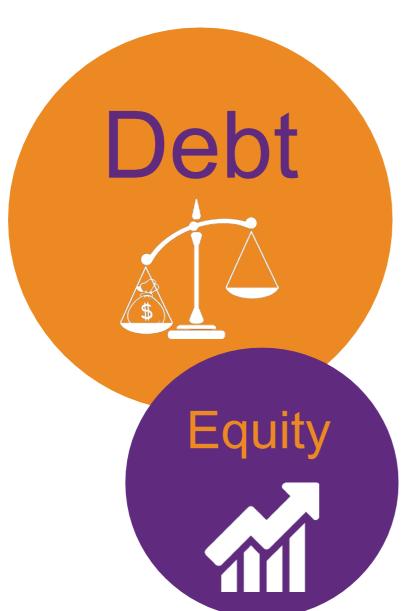
#### **Description**

- As one of the Government's declared objectives is to lower the cost of electricity, KenGen's aspired increase in profitability will have to be achieved in combination with a decrease of the actual tariff charged,
- Simply increasing the regulated return is thus not a viable course of action. Other options will be explored



- An initial simulation indicates that combining both the Government's and KenGen's aspirations is feasible if the capital expenditures for new projects can be adequately optimised
- The aspired return improvement would be realized either through ensuring that in the power purchase agreements KenGen is properly reimbursed for the risk it assumes while building a power plant, or by entirely decoupling the tariff from a regulated return

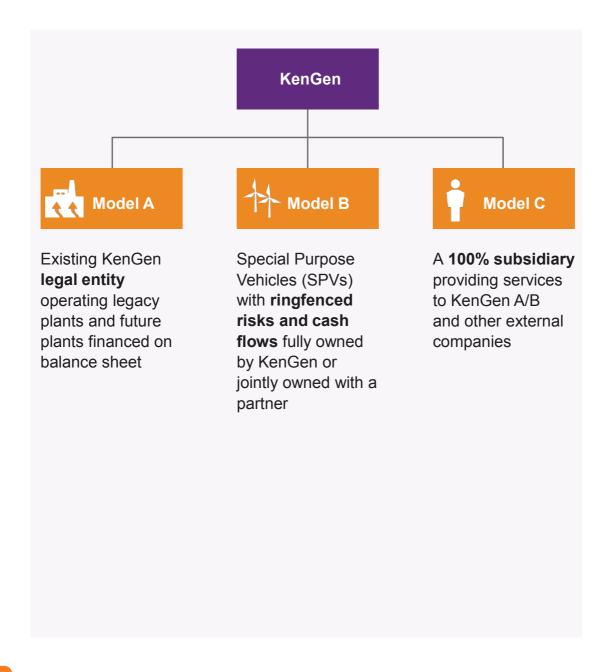
## We have to draw on new financing approaches to fund the CAPEX need



- Debt on our balance sheet
- Project debt charged to a specific future asset in an SPV

- Equity contribution from partners
- Debt charged to a specific existing asset and use this as equity for new projects

# To achieve our growth aspiration, we will operate in three distinct types of structures in the future

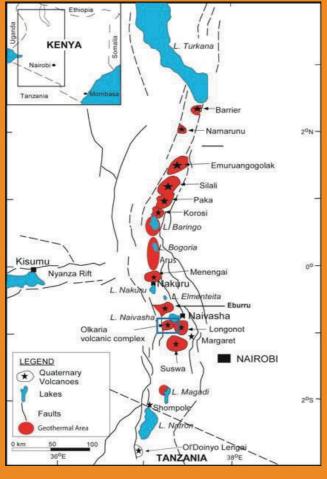


6 To support future growth, we will explore opportunities to access new geothermal fields



Across the Kenyan Rift Valley, there is huge geothermal potential estimated at over

0,000MW



potential sites have been identified



Major geothermal activities are ongoing in only two areas

Olkaria, Menengai

## **Our Strategic Direction - Growing Our Business**

#### **GROWING OUR BUSINESS**

KenGen has positioned itself as a key player in supplying electricity to the country. Electricity is an infrastructural enabler in the country's Vision 2030 and is the necessary stimulus to fast-track the nation's economic growth and development of the flagship projects. These flagship projects include the Lamu Port-Southern Sudan Ethiopia Transport corridor project (LAPSSET), the Standard Gauge Railway (SGR), oil pipelines, heavy industries (steel) and Industrial parks which will require heavy investment in sustainable and stable electricity supply. KenGen has committed to generate electricity from its existing power plants and deliver planned new power plants to meet the increasing demand and secure the required national reserve margin for security of electricity supply. This is in tandem with KenGen's strategy to ensure security of power supply, sustainability and affordability are continuously addressed in support of the National development Vision.

#### I. The Power Sector Master Plan

The Ministry of Energy and Petroleum (MoEP) prepares and updates the National Electricity Master Plan known as "Least Cost Power Development Plan (LCPDP)" which is a 20 year national electricity generation, transmission and distribution plan to achieve the optimal power requirement to drive the Vision 2030. The LCPDP which includes power sector development plans, prioritizes and synchronizes activities of all electricity players for system optimization. The plan identifies the demand growth, energy resources, power plants and all infrastructure needed namely; transmission lines and substations, including the timelines for all these projects. KenGen operates within the LCPDP framework as the leading power developer in the power generation segment.

In the financial year ending June 2016, the MoEP engaged the services of Laymeher International of Germany to prepare a Long Term Power Sector Master Plan 2015  $-2035. \, \text{ln}$  addition to the Demand-Supply forecast and

the energy balance, the Master Plan also focuses on the integration of Renewable Energy into the system as well as the analyses of Energy Efficiency.

#### 2. Capacity Expansion Strategy

In 2008, KenGen developed a 10 year strategic plan reffered to as "Good to Great" (G2G) transformation strategy. The plan focuses on three key pillars:

- 1. Capital Planning and Execution: Deliver timely capacity additions to support economic growth
- 2. Regulatory Management: Shape regulatory environment to drive generation growth
- 3. Operational Excellence: Earn the right to grow through best practice operations and reduced costs.

These three key pillars are anchored in the Organisational Health foundation which encompasses strengthening organisational effectiveness from improved structure, culture and process to ensure KenGen remains the market leader in the provision of reliable, safe, quality and competitively priced electric energy in the East Africa Region.

The strategy was to be implemented in three horizons each having distinct objectives and deliverables.

#### a) Horizon I (2008 – 2012)

The main objective for Horizon I was to stabilize the power situation in Kenya. This was necessitated by the fact that the country was experiencing power instability characterized by frequent outages due to demand management and voltage instability in heavy load centers. In 2008 the effective installed capacity of the country was I,280 MW against a recorded peak demand of I,072 MW. This meant that the reserve margin was approximately 16% and the country was exposed to shortage of power in the event of failure of the generating or transmission equipment or as a result of poor rainfall which affected hydro power.

KenGen identified four (4) key priorities that would ensure the main objective for Horizon I was met and targeted an additional 500 MW to be developed within the Horizon as follows:

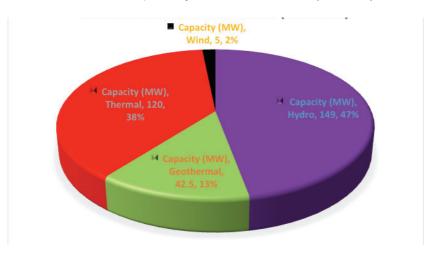
- Improve efficiency to boost supply
- Deliver ongoing projects on time
- Manage peak demand using emergency power installations
- Prioritize and kick-start future projects

As part this Horizon targets, the following projects with a total capacity of 316 MW corresponding to 63.3% of the target 500 MW for the period:

Power Plant	Туре	Installed Capacity (MW)
Sondu Miriu	Hydro	60
Kiambere Optimisation	Hydro	24
Ngong	Wind	5
Tana Rehabilitation	Hydro	12
Kipevu III	Thermal	120
Olkaria II Unit 3	Geothermal	35
Wellhead Pilot	Geothermal	5
Sang'oro	Hydro	21
Eburru	Geothermal	2.5
Kindaruma (additional unit + Upgrade)	Hydro	32
Total		316.5

Hydro power projects contributed the largest share of capacity at 47% of the total installed followed by Thermal power projects at 38%, Geothermal at 13% and Wind power at 2% as shown:

Horizon I Projects by Generation Mode (316MW)



These projects combined with other investments in the sector managed to stabilize the power situation in the country. The effective installed capacity in year 2012 had increased to 1,652 MW, while the recorded peak demand rules to 1,354 MW resulting in a reserve capacity of 18%.

#### **b)** Horizon II (2013 – 2018)

The main objective of this horizon was to create sustainable power growth in the country. Three priority areas were identified:

- Deliver optimal future projects on time and budget
- Grow supply ahead of demand to establish reserve margin
- Optimize project portfolio

The target capacity addition was set at I,500MW and that would have brought the country's total installed capacity to 3,000MW. The target set meant KenGen would have to double the existing total installed capacity in five years. Mega projects were envisioned to meet the target with associated heavy capital investments. The Company has so far commissioned 375 MW in this Horizon as shown in the table below.

#### Completed Horizon II Projects

Plant	Capacity (MW)	Commissioning Year	Status
Wellhead	75	2016	Implemented
Olkaria IV	140	2014	Implemented
Olkaria I AU	140	2014	Implemented
Ngong Wind I Phase II	6.8	2014	Implemented
Ngong Wind II	13.6	2014	Implemented
Total	375		

Geothermal power accounts for the largest share (95%) of Horizon II additional capacity projects while wind energy accounts for 5%.

During the financial year 2015/2016, KenGen revamped and extended the Horizon II to target delivery of 721 MW by 2020. With this revamped Horizon II, the Company identified projects to meet the target additional capacity from the current pipeline projects as shown in the table below.

Project	Installed Capacity (MW)	Status	Capex (MUSD)	Commissioning Year
Ngong I Phase 3	10	Project structuring	25	2016
Olkaria Wellheads	25	Project under implementation	27	2016
Olkaria I Unit 6	70	Project financing	314	2018
Olkaria I AU Uprating	30	Project development	20	2017
Olkaria IV Uprating	30	Project development	20	2017
Olkaria I Rehab	6	Project development	106	2018
50 MW Well-Leasing	50	concept	54	2018
Olkaria V	140	Procurement of Contractors on-going	555	2018
Meru Wind Phase 1	80	Project financing	143	2019
Olkaria VI	150	Project development	571	2019
Olkaria VII	140	Feasibility	571	2020
Total	721			

KenGen is responsible for rapid growth of the renewable energy portfolio in Kenya. Currently 88% of the energy consumed in the country during the year in review was from green energy sources (Geothermal, Hydro and Wind). Geothermal energy is the main focus for KenGen's capacity expansion and remains the preferred base load energy source. The planned investment programme targets the implementation of 721 MW by 2020 at a capital cost of US\$ 2.4 billion.

#### c) Horizon III

The main objective of this horizon is to explore opportunities beyond Kenya. Key priorities shall be:

- Drive expansion beyond Kenya
- Establish a strong African footprint
- Lead in technology and innovation

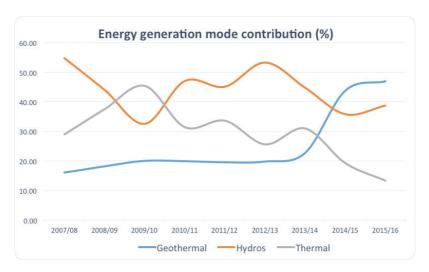
#### 3. The Capacity Growth Journey

The projects completed from the year 2007 to the period of reporting are as follows:

Commissioning Year	Project	Capacity Addition	Annual Capacity Added	Total Installed Capacity
2008 (Base year)	Installed Capacity			914
2008	Sondu Miriu Hydro Project	60	60	974

Commissioning Year	Project	Capacity Addition	Annual Capacity Added	Total Installed Capacity
2009	Optimization of Kiambere Hydro Project	24		
	Tana Upgrade	12	34	1,008
2010	Ngong Wind-Phase I	5.1		
	Olkaria II 3rd Unit	35	40.1	
2011	Kipevu III	120	120	1,168.1
2012	Eburru	2.5	2.5	
	Wellhead Pilot	5		
	Sang'oro	21		
	Kindaruma 3rd Unit	24	50	1,200.6
2013	Kindaruma Unit 1 and 2 Upgrade	8	8	1,228.6
2014	Olkaria IV	140		
	Olkaria IAU IV	70		
	Wellheads I	25.6		
	Ngong Wind	20.4	256	1,484.6
2015	Olkaria IAUV	70		
	Wellheads II	25	95	1,579.5
2016	Wellheads III	15	15	1,594.6
	Total	675.6		1,586

During the financial year under review, KenGen commissioned 15 MW of Wellhead generators bringing the Company's total installed geothermal capacity to 529 MW and propelled Kenya to position seven (7) in the global geothermal ladder with an installed capacity of 668MW (529MW KenGen and 139MW OrPower IPP). Geothermal energy has since bypassed Hydro energy as the largest source of electrical energy in the country as shown in the figure below.



Geothermal energy has also helped in reducing the cost of energy and improved the Hydro dams' energy storage by using geothermal energy as base load.

#### 4. Public Private Partnerships

KenGen is exploring other financing models for power plants. The Public Private Partnership (PPP) framework is one option that KenGen is pursuing and a 140MW geothermal power plant selected for implementation as a PPP project. The National Treasury granted KenGen approval for the implementation of the Olkaria VI 140MW (effective capacity) geothermal power plant under the PPP Act 2013. The National Treasury through the PPP Unit has engaged a Transaction Advisor under the World Bank credit facility "Infrastructure Finance and Public Private Partnerships (IFPPP) Project" to assist in the project preparation and advise KenGen on the best PPP model that will offer value to the Company and provide affordable energy to the users.

#### 5. New Business

KenGen is keen to diversify its revenue stream leveraging on new non-electricity generation based business. There are several concept projects that have been proposed to take advantage of the company's enormous resources and skills.

#### Industrial Parks

KenGen plans to develop an Industrial Park at Olkaria in Naivasha, Nakuru County.

The development of the KenGen Industrial Park will not only target the optimization of KenGen business operations, but also support the Government of Kenya's (GOKs) industrialization strategy as a pillar for economic growth and job creation. It is expected that this development will serve as one of the drivers for regional development and will create significant employment opportunities. The Industrial Park shall provide a proximate demand load for absorption of Olkaria geothermal power and other utilities, providing KenGen with additional revenue streams for capacity expansion, hence value creation to the shareholders.

KenGen has engaged the services of a Consultant who shall conduct a Feasibility Study and Master Plan of the Industrial Park expected to complete in October 2016. The master plan shall detail the location of industries and utility services within the park.

Other new non-generation business ventures being pursued include:

- Olkaria Housing Projects
- Drilling Services
- Consultancy Services.

### **Direction - Powering from the Earth**

#### **POWERING FROM THE EARTH**

Geothermal resources is the heart and core of the Geothermal Development agenda at KenGen. This was drawn from the Government's guideline to shift base load power source from hydro which is prone to weather vagaries to Geothermal which is reliable and cheapest as per the Least Cost Power Development Plan.

Through the Geothermal Development Strategy, KenGen is converting energy from the earth to a clean, green and renewable product to the grid as base load power.

In addition to developing the Geothermal Resources, the Company operates the following developed power plants:

- i. Olkaria I 45MW
- ii. Olkaria II 105MW
- iii. Olkaria IV 140MW
- iv. Olkaria IAU 140MW
- v. Wellheads 71.1MW

KenGen is endowed with a wealth of unique geothermal development skillsets second to none. Recent advances have had these skillsets cashed through provision of geothermal consultancy services both internally and to external entities to earn the company additional revenue streams.

This year, the Company has managed to successfully implement the first ever commercial drilling contract of 2 Geothermal Wells for Akiira One Ltd. It also prides in drilling the largest well in Africa OW-921 with a tested output of 30MWe. Further to this, KenGen commissioned the first Geothermal Direct Use Spa in Africa which is a global icon in the hospitality industry worldwide.

The Company has a focused plan to deliver 613MW through the following geothermal projects within the near future:

- i. Olkaria I AU6 70MW
- ii. Olkaria I AU & IV Upgrade 67MW
- iii. Olkaria Modular Plants 50MW
- iv. Olkaria V 140MW
- v. Olkaria VI 140MW
- vi. Olkaria VII 140MW
- vii. Olkaria I Rehabilitation 6MW

## **Our Strategic Direction - Securing Our Future**

#### **SECURING OUR FUTURE**

#### **Regulatory Focus**

KenGen has continually participated in sector reforms whose objective is to ensure quality, reliable, affordable, safe and clean power is supplied to the economy. Under the Electric Power Act of 1997, the sector functions (generation, transmission and distribution) were separated under different entities and a regulation function (Electricity Regulatory Board) was created.

The Electric Power Act 1997 was repealed and replaced with the Energy Act of 2006 which consolidated the electricity and petroleum regulation under one regulatory agency namely Energy Regulatory Commission (ERC).

The Sector unbundling created the need for Power Purchase Agreements (PPAs), which is a key contract that governs generation, sale and purchase of power between generators and offtaker (single buyer) over the project life as guided by regulations and standards.

KenGen has signed long term 13 PPAs with Kenya Power & Lighting Company Ltd which are guarantee investor returns thus securing our future. The minimum life of long term PPAs is 15 years. In the financial year ending June 2016, the PPA for Olkaria I extended for one year pending the modalities on redevelopment the concluded negotiations for extension. The Company also signed a new PPA for 30MW Gas Turbine unit relocated from Nairobi(Embakasi) to Muhoroni to stabilize the power voltages in the Western Region as well as displace expensive emergency power.

#### **Securing Earnings**

KenGen is in the process of benchmarking with various international energy producing companies on the best practices in areas of PPA development and risk allocation. In order to enhance revenue earnings and cost savings, the regulatory function disseminates a weekly maintenance hours tracking log for capacity plants. Also, a PPA awareness drive has commenced for staff in all KenGen operation areas in order to improve plant availability and enhance cost savings.

#### Horizon II Strategy

The Company is currently developing bankable PPAs and ESIAs for new projects envisioned in Horizon II strategy i.e. Ngong III 10MW: Olkaria I U6-70MW: Olkaria V 140M; Olkaria I redevelopment 6MW; Meru Wind Phase I 80 MW. The regulatory strategic focus will seek to lobby for faster stakeholder approval required in formation of new structures and new financing approaches envisioned to deliver KenGen Horizon II strategy.

## Our Strategic Direction - Sustaining the Business

#### SUSTAINING THE BUSINESS

#### **Operational Excellence**

Efficient and effective operations management is the cornerstone of any company's success and KenGen is not any different. Operational Excellence assumes greater significance given that today's investors look out for organizations' operations before making investment commitments. The need for operational excellence is spurred on by prevailing regulatory and environmental compliance issues, threat to our market share by independent power producers and increased customer demands for quality, reliable and competitively-priced power coupled with the need for optimization of operations and maintenance costs.

The integration of operational excellence into the business strategy has served to bring forth the following positive qualities:

- a) Coordination across people, process and technology
- b) Continuous improvement approach and mentality
- c) Measurement and Targets to drive action and results
- d) Increased levels of team collaboration
- e) Enthusiastic uptake of value-adding technological innovations

#### 1. Streamlined Operations and Dispatch functionality

To enhance efficiency and ensure optimum customer focus, KenGen has a dedicated centralized team charged with the responsibility of operating and dispatching the generation assets. This team provides the link between KenGen and the customer. The interaction comprises the declaration of available energy from major hydro plants, scheduling of planned outages, continuous dispatch and operation of the generation fleet in fulfilment of system requirements coupled with the reconciliation of the expected and actual energy generated in pursuit of the requirements of power purchase agreements.

The Company is in the process of developing a central command centre at Stima Plaza to centralize operations and dispatch of all its plants. The centralization will entail linking of all the individual plant Supervisory Control

and Data Acquisition systems (SCADA) and providing a one-stop remote control and monitoring capability complete with all the associated benefits of centralized diagnostics and graphics capability. To ensure overall system visibility from either ends, KenGen and Kenya Power will ultimately share and exchange pertinent signals. This will be of great diagnostic and coordination value following major system disturbances.

#### 2. Optimize Maintenance Practices and Generating Fleet Performance.

Most of the Company's generation assets are operating on a capacity-based power purchase agreement in which revenues are majorly based on plant availability. The balances of the power plants operate on an energybased Power Purchase Agreement (PPA) whereby revenues are entirely dependent on energy sales. The company places emphasis on high plant availability in order to assure revenues. The valued high plant availability is realized through the practice of a mix of Time-Based (TM) and Condition Based Maintenance (CBM). Condition based maintenance is the modern practice whereby the power plants are only shut-down for maintenance when necessary as guided by the plant condition. The success of this approach is dependent on provision of accurate and reliable plant instrumentation systems set to monitor key plant parameters. Alarm and maintenance thresholds of key plant parameters are continuously monitored and maintenance scheduled once the set thresholds are violated.

The commitment to CBM is evidenced by the installation of the SCADA systems that is able to collect data and relay to the PMS system for maintenance purposes. Currently, all major Hydro Stations are already equipped with a common SCADA system through which they are all operable remotely from Kamburu Station. All other modern stations are equipped with dedicated SCADA systems to enhance plant visibility, centralize operations and optimize maintenance and operations of the plant.

Apart from the ongoing implementation of CBM to assure high availability through stretching intervals

### Sustaining the Business

between maintenances to the absolute maximum, KenGen continues to practice the SMED (Single Minute Exchange of Die) principle to optimize outage duration to the absolute minimum. SMED principle requires that all the routine pre-outage activities such as assembly of tools and equipment, provision of materials and work teams are accomplished prior to the commencement of the outage so as to optimize the downtime to the barest minimum.

In addition, Lean Six Sigma strategy has been brought on board lately to accelerate our operational excellence journey. This cost optimization methodology systematically minimizes waste through streamlining process flows to improve efficiency and productivity.

#### 3. Automation, Rehabilitation and Upgrade of Plants

During the year, automation of plant control systems for Tana Power Station was conducted to centralize operations, enhance reliability and optimize plant availability. The original control systems that were prone to frequent mal-operations and failure were rehabilitated and upgraded to a more robust, user-friendly system. During the rehabilitation, staff were duly trained.

The structure of the project was such that the contractor carried out the commissioning of the initial Unit with the KenGen staff carrying out the commissioning of subsequent two Units under instruction. The commissioning of the final Unit and the station auxiliaries was entirely conducted by KenGen staff to ensure maximum transfer of knowledge and skills. This is the approach the company intends to adopt and integrate in all projects to ensure maximum transfer of skills and knowledge in our illustrious pursuit of capacity building with a view to ultimately gaining total technological independence. During the project, the plant SCADA system was interfaced to the existing SCADA system for Hydro plants. This will enhance plant visibility and afford remote control capability from the central control and dispatch centre at Kamburu Control Center.

The Rehabilitation and upgrade of Turkwel Plant was finalized during the year. In addition, its auxiliary supply system was also upgraded and modernized. The modernization is expected to result into enhanced plant availability and optimized operations and maintenance costs.

#### 4. Optimization of Business Processes

At KenGen, operational excellence is for cost efficiency and effectiveness which facilitates business sustainability. This is realized by making our processes capable through meeting customer requirement, responsive by being flexible and quick, and reliable by meeting all requirements consistently over and over again. KenGen continues to enjoy the benefits of the Enterprise Resource Planning system (ERP) which facilitates the company's entire business with enhanced controls, mitigate risks and is flexible enough as to be adaptable to address new emerging requirements.

The Company is certified to both ISO 9001:2008 for Quality Management and ISO 14001: 2004 for Environment Management. All our processes comply with these two ISO standards. The drive to ensure conformity to the ISO 9001:2015 and ISO 14001: 2015 is ongoing and the mind-set shift from management to leadership focus, from risk to both risk and opportunities has been enthusiastically embraced by the Company.

Standardization drives are underway to ensure similar teams utilize standard procedures when executing similar tasks for quality purposes. The implementation and maintenance of these standard procedures ensure predictable quality outcomes irrespective of the maintenance team involved.

The company is currently rigorously exploring the benefits of forming a centralized maintenance team composed of the best talents to supplement the lean maintenance teams based at individual power stations. The envisaged core mandate of this team shall be to conduct annual maintenances in record time and undertake corrective maintenance in a timely manner

### Sustaining the Business

so as to minimize downtimes to the absolute humanly possible minimum.

To ensure availability of strategic spares while minimizing the expensive stock-holding, KenGen is presently exploring the benefits of rolling out the approach of establishing spares contract with original equipment suppliers and other authorized suppliers for all power stations to obviate the tedious and often time-consuming practice of procuring spares through open tendering process. This initiative is currently practiced only at Kipevu I power plant and is limited only to key proprietary strategic engine spares. At times, the open tendering process is unduly long and unnecessary particularly for proprietary spares leading to uncalled for plant outages and unavailability.

The company is increasingly adopting the total cost of ownership (TCO) principle regarding the procurement of new Plants and stocking of strategic spares. The TCO approach is preferred to the often used initial quoted price since it is more reflective of both the direct and indirect costs of ownership over the lifecycle of the plant including the social costs.

## 5. Skills and Knowledge Transfer through Involvement in Projects

Company encourages multi-functional approach to major project implementation. The cross-functional project steering team ensures effective drafting of specifications, evaluation, award, design, inspection, supervision, installation and commissioning of the plant. This approach is preferred since it promotes skills and knowledge transfer to Company Staff from the contractor's experts. The involvement and interaction of various teams improves project uptake and ensure our staff are able to hit the ground running regarding plant maintenance and operations upon commissioning and handover of the plant. KenGen intends to ramp-up the skills transfer by integrating the active participation of staff so as to ensure ultimate competence and independence of our professionals in due course. This is in line with our new proud philosophy of developing

a pool of talented staff that will hopefully be able to design, install and commission plants in the region and beyond soon. Though initially expensive, this approach is excellent as regards capacity building and drive towards independence born of competence.

#### 6. Learning Partnerships

KenGen, as a learning organization, is committed to adopting the best practices in its pursuit of operational excellence. It is equally at ease and open to sharing its own home-grown solutions with other like-minded learning organizations. Internal training and learning from each other is one of the best and least expensive ways of enriching each other and tapping our very own vast and impressive in-house local resources. This has been embraced companywide and the senior staff are able to transfer knowledge and skills to the young minds at nominal fees compared to the exorbitant cost of training using external resource teams.

We intend to go beyond internal training and supplement it by partnering with both leading local and world class utilities to close knowledge gaps. The attachment of our staff to world class utilities will result in cultivation of best practices and adoption of a culture of operational excellence

## 7. Optimization of Operations and Maintenance Cost Initiative

KenGen is blessed with a vast pool of talented staff able to generate ideas aimed at optimizing the operations and maintenance cost of sustaining the business. In this regard, a number of brilliant initiatives have been mooted and adopted by the company. These ideas are at different stages of implementation. Key among them is the elimination or minimization of energy back-feeds to the absolute minimum. This idea has already been implemented in some of our stations and the benefits are tangible and positively impactful to the company's bottom-line.

Energy audits initiatives have also brought to the fore the need for installation of power factor correction

## Sustaining the Business

capacitors in stations operating with poor power factors such as Olkaria due to huge induction motors. This initiative has also yielded savings by reducing the penalties incurred in electricity bills to Kenya Power.

The company often incurs huge expenditure on calibration of monitoring equipment both locally and internationally. Currently, efforts are ongoing to establish a calibration laboratory. This will address the calibration gap and save the calibration budget.

## Our Strategic Focus Areas - Building Talent

## **Building Talent**

#### **BUILDING TALENT**

#### **Organisational Health**

Organisational health in KenGen is pivotal in strengthening organisational effectiveness from improved structure, culture and processes. In the year under review, the Company focused on revamping human resource outlook in terms of practice and systems. The strong desire for this rejuvenation initiative saw a change in leadership at the top stratum. The Company ensured a smooth and seamless transition during the change process. This endeavour was intended to improve employee decision making capacities, problem solving, improved service delivery and enhanced performance. The initiatives were embedded in providing opportunities on employee training and skills development, availing resources, empowering, and motivating as well as holding them responsible and accountable resulting in competent and satisfied workforce. The foremost focal point for the Company was customer care and service delivery.

Performance Management: continual implementation of ICT based performance management system has ensured identification of skills gap which are closed through appropriate training and deployments. The tool has created a culture of dialogue around individual target setting and monitoring which culminate in bi-annual performance appraisals. Individual accountabilities result in team synergies. Activities have been implemented for systematic enhancement of skills and proficiencies to address career progression of employees and improve institutional performance.

Learning and Development: in order to enhance the employee contribution to the organization and to develop capability to progress strategic goals into the future, the company has continued to undertake training and development at all levels. Emphasis was laid on the delivery of appropriate training programs using cost effective methods while not compromising the quality and appropriateness of content. Focus was also laid on the development of skills and capabilities through training in geothermal technology, transformer maintenance and

on-load tap changers as well as up-skilling in effective programming, configuration, commissioning and maintenance of the protection systems for generation fleet. A total of 170 training programs covering 1,816 employees were undertaken during the year

Similarly, in line with the requirements of the Occupational Safety & Health, a number of trainings were rolled out to support a safety culture among employees. Training on Fire Fighting, First Aid in the workplace as well as other Emergency Response and Preparedness initiatives continued in promotion of "safety consciousness" which is one of the company's core values.

Six senior employees underwent the annual development programs on leadership to strengthen individual performance and team leadership, but also to enhance personal employee development, welfare and motivation in the workplace and beyond. The Company also carried out coaching and mentorship sessions to employees and young learners in various institutions of higher learning.

Apprenticeship and Internship Program: during the year, the Company introduced a six-month apprenticeship program which endeavours to equip graduates in various disciplines with practical workplace skills to prepare them for the job market. This has had a huge success with a total number of 50 apprentices undergoing the program during the year. The internship program has also given exposure to a total of 1200 students from institutions of higher learning.

Employee Welfare and Wellness: The Company has put in place robust Employee Wellness initiatives which include provision of club and sports facilities. Provision of company funded in —house medical scheme has alleviated financial burden from employees and afforded reasonable healthcare system. Further, under the enhanced Employee Assistance Programs, the company has reduced the impact of HIV/AIDS and Alcohol and Drug Abuse on employees and their dependants. The company has continued to sponsor and encourage

## **Building Talent**

employees to participate in various sports activities within and without the company.

These initiatives have complied with respective legal requirements and subsequent periodic evaluation by respective monitoring government agencies such as National Authority for the Campaign Against Alcohol &Drug Abuse, National Gender Equalization Commission, National Council for Persons Living with Disabilities and AIDS Control Council.

The Company developed and submitted Disability Mainstreaming Work Place Policy and an Annual Work Plan to the Directorate of Performance Contracting, the Presidency as required under the GOK performance contract signed between the KenGen Board and the Ministry of Energy & Petroleum. Reconstitution and operationalisation of Disability Mainstreaming Committee is underway. Training on sign language was undertaken on selected staff in line with the desire to meet the need of opening up communication with those with hearing disability amongst staff, visitors and suppliers. This was also in tandem with the company's journey towards compliance to increase the employment of Persons With Disabilities (PWD) to a minimum of 5% of the total establishment which currently stands at 1%. The Company proactively pursues recruitment of PWD's in its hiring process. Further, the company continuously carried out accessibility and usability audits and implemented the recommendations of the audit reports in all premises and facilities.

Under Employee Assistance Programs, support was offered to affected employees in relations to HIV/AIDS and substance use disorder as per Workplace Policy on Alcohol and Drug Abuse. These initiatives were aided by revamped communication in various company media including KenGen Staff Weekly Newsletter, awareness sessions, push SMS and Weekly internal emails.

KenGen puts employee welfare at the core of its

engagement with its staff including provision of housing and social amenities in isolated locations. Work environment enhancement programs saw the occupation of KenGen Pension Plaza II office block which has enhanced the open office sitting plan improving team cohesion. Works on Hydro Plaza office block in Eastern Hydros have progressed well and it is expected to be ready for occupation in the coming financial year.

Several sports activities were undertaken during the year, with a number of inter-area games for team building amongst staff.

The Company funded Staff House Mortgage and Car Loan Schemes offered at concessionary rates of 6.5% and 6% respectively have had significant positive impact on staff. The benefits have motivated and helped retain staff, especially the younger segment of the staff compliment hitherto on the move. This was in addition to the Collective Bargaining Agreement (CBA) negotiated company loans to unionisable employees.

Governance: in the year ended 30th June 2016, the company continued to ensure compliance to relevant legal and regulatory requirements. The company continued enforcement of the 1/3 rule on staff salaries and ensured prompt remittance of statutory deductions such as pension contributions, NHIF, NSSF, HELB and PAYE. There was continuous monitoring of compliance with various professional registration bodies such as EBK, IEK, ICPAK, ICPSK, LSK, KISM, CIPS, IHRM, ISK and ACCA, to ensure different trades in the company were in compliance and enabling employees interaction with their respective professional peers for benchmarking.

Cognizant of the need for industrial harmony, the Collective Bargaining Agreement and Human Resource and Administration Policies have been implemented and are in use in the company. These instruments were under review in the year to respond to staff needs and take care of emerging global labour trends, human resource

## **Building Talent**

mix and legal compliance.

Implementation of the aligned leave days progressed well in the year with considerable number of staff taking their days thus reducing the financial burden in the company books. Monthly monitoring is undertaken and the same communicated to respective divisional heads for appropriate administrative and corrective actions.

#### **Staff Succession Planning**

KenGen considers succession planning as an integral part of the talent management process that aids sustainability of in-house capacities.

Employee Statistics	30.06.2016	30.06.2015
Operational	1,638	1,638
employees		

Non Operational	768	769
employees	, 55	, 3,
( Business		
Development		
Division & Drilling &		
Logistics, Resource		
Development,		
Reservoir &		
Steam field,		
Corporate Finance		
Departments)		
Total	2,406	2,407
Non-Unionisable	1,397	1,403
Union	1,009	1,004
Total	2,406	2,407
Male	1,919	1,948
Female	487	459
Total	2,406	2,407

#### Leveraging on Technology

With a sizeable investment in IT systems, KenGen has leveraged on Information technology to streamline and automate its business processes, increase efficiency, increase plant availability, reduce process variability,

## Our Strategic Direction - Getting Value for Our Money

improve safety and automate regulatory compliance enhancing cost efficiency.

KenGen has harnessed the potential of ICT to drive innovation, sustainability and growth through careful introduction and integration of business and operations systems. KenGen will continue to invest in the latest state-of-the-art technology and innovative initiatives to ensure that it achieves maximum capability while creating value for shareholder and stakeholders.

KenGen's ICT Strategic Plan 2015-2020 enhances our capacity to analyse the current state of ICT in the organization and outlines the major transformation initiatives that aligns the strategy with the organizational goals.

The major transformation initiatives include automation of business processes, adoption of cloud technology services to enhance productivity and efficiency as well as automation of ICT environment in a shared infrastructure. A key outcome of the Strategy is enhancement of security and risk management in a modernized ICT environment.

#### 2015-2016 ICT Projects

- I. Integration of SCADA to SAP. This project finally connected operations systems (Operation Technology) to business systems (IT) taking KenGen closer to the future with Internet of Things (IoT) by convergence of technology.
- 2. Smart MediCare integration. KenGen run its own employee medical scheme. The medicare system is run internally on SAP through an integration with smart systems that are already available in all medical facilities in Kenya.
- 3. KenGen has led in innovations with mobile money payments and transactions where payments from

the business system is channelled to employees through mobile platforms hence increasing employee productivity.

## **Getting Value for Our Money**

#### Future IT Projects

- I. Implementation of cloud technology platforms through the development of a 4-Tier data center. Through the ICT Strategic Plan 2015-2020, KenGen seeks to adopt cloud technology services to enhance productivity and efficiency, transformation of ICT infrastructure through implementation of cloud technology platforms and automation of ICT environment in a shared infrastructure.
- 2. SAP additional modules. KenGen business infrastructure runs on SAP platform and the business needs to leverage more on IT technology in process automation, innovation and cost reduction. Therefore, KenGen seeks to implement additional modules to support business in the following areas:
  - a. Project Portfolio Management (PPM) platform that enables KenGen management to plan, implement, monitor and manage all capital projects.
  - b. Supplier Relationship Management (SRM)

- is an eProcurement platform that digitizes procurement process and as well as to comply with the Presidential directive for state organisation to implement an eProcurement system.
- 3. Enterprise Content Management System (ECM). KenGen needs to manage its structured and unstructured information and content while complying with set regulations in document production, storage and distribution, therefore an enterprise document management system that integrates with the business transactions will be implemented in conjunction with an Enterprise Electronic Signature Management System.
- 4. Enterprise Electronic Signature Management System. Digital Transaction Management (DTM) solutions that enable organizations to quickly get up and running with secure, managed and legally compliant electronic signatures, eliminating the need to print, fax, scan and overnight documents. Users can quickly and securely route communications through

## Getting Value for Our Money

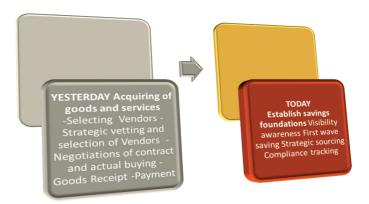
to signature and easily store signed documents while meeting compliance and information governance standards.

#### **GETTING VALUE FOR OUR MONEY**

#### The Supply Chain Value Chain

Supply Chain management in KenGen plays the central role of timely procurement of the right quality of goods and services with the right specifications that meet the user needs. This ensures that the delivery at the right time and location and the best price that achieves cost efficiency. Targets are attained through procurement as per the approved budget, tendering efficiency, management of logistics and inventory and supplier relationship management leading to continuous improvement.

The need to improve plant availability has led KenGen to adopt a system of requisition and storage of strategic spares to minimize lead times. The Company is also increasingly adopting the total cost of ownership (TCO) principle as regards the procurement of new plants and stocking of strategic spares. The TCO approach is preferred to the often used initial quoted price since it is more reflective of both direct and indirect costs of ownership over the life cycle of the plant including the social costs.







## 2016 Sustainability Highlights

Environmental Sustainability	FY 2016
No. of ESIAs	-
Rehabilitated land in the 280MW projects	
buffer zone in eastern Hydros	10 acre
Seedlings planted within KenGen	10,000
	seedlings in stock- 439,377
CDM projects	6
Certified emission reduction (CERs) gross earnings to date	Kshs 349 million
Certified emission reduction (CERS) earnings in 2015	Kshs 77 million
Redevelopment of Tana CDM project grant	Kshs 5 million
Issuance (to date)	about 330,186 tCO2e
280MW Olkaria I & IV calculated reductions	990,000 tCO2e
Construction of RAP roads to KERRA standards	25 Kilometers
Kshs 157 million	
Furnished primary school – classrooms & staffroom	
Furnished Medical dispensary	Kshs 3 million
Investing in Communities	
Number of trees seedlings raised	seedlings issued- 410,056
Rehabilitation of Mirira Primary School – Upper Tana power plan	nt
No. of students to benefit	209
Rehabilitation of classrooms	13 classrooms
Establishment of a tree woodlot	1000 seedlings, cassia Siemea species
Construction of Ngurunga Earth Dam – Kiambere Power Plant	
No. of livestock to benefit	1000
No. of households to benefit	250
Implemented social amenities	
Water tank at Moindabi Secondary School for rainwater har-	10,000 litre
vesting	
Levelled gulleys at Kamere Centre	
Repair of damaged Inkoirienito/Suswa road	16km
Education	
Scholarships Awarded – Benefit 500 students	6.4M KES

## Sustainability

## KENGEN CORPORATE SOCIAL INVESTMENT: INVESTING IN COMMUNITIES

Leading the Way as a Good Corporate Citizen In its quest to stay ahead of the pack as a good corporate citizen, the company continues to invest in projects aimed at uplifting the living standards of communities around the areas where it has installations. Besides, the company is also involved in numerous CSR projects across the country, which have a direct impact on various segments of the population. During the last financial year, our priority areas included education, health, sports, labour relations, arts and culture. Other areas included medical care, County Trade and Investment Forums and sponsorship of Professional Member Organisations' annual conferences.

#### **Sports**

Kenya has earned global recognition as a sporting nation. Against this background, the company has never shied away from promoting and supporting sporting activities aimed at nurturing youth talents or taking sportsmanship to the next level. In the last financial year, the company sponsored a charity golf tournament organized by the Alliance High School Old Boys Club. The company also participated as bronze sponsor in the Rotary Club of Karen Charity Golf Fundraising Tournament. The Nakuru and Parklands Open Squash Tournaments also benefitted from the company's generosity. But above all, the company sponsored the RIO 2016 Olympic Games, where Kenyans showed their prowess in the middle and long distance races.

#### **County Trade and Investment Forums**

Devolution is the best thing that ever happened to this country. More than ever before, the government is now responsible and closer to the governed; decision making is participatory and economic development in the whole country is being balanced. The devolved system of governance has unlocked numerous potentials and presented a life time opportunity to the people. Various

counties continue to organize trade and investment forums to attract local and Foreign Direct Investment to promote economic growth and development. In recognition of the need to promote an investment climate in the 47 counties, the company sponsored the InvestNarok International Summit 2015 and the Turkana Trade & Investor Conference 2015, both to the tune of Sh I Million

#### **Professional Member Organisations**

The role of Professional Member Organisations cannot be overstated. It is these organisations that regulate various professions to ensure high standards of discipline. KenGen itself employs a number of professionals, including engineers. It's for this reason that during the last financial year, the company sponsored activities of various Professional Member Organisations. Among these was the Annual Engineering Students Association Final Year Dinner 2016, at the MD was also invited as a guest speaker. The company also sponsored the Institution of Engineers Annual Conference 2016.

The Engineers' Chapter of the Architectural Association of Kenya (AAK) also benefitted from the company's sponsorship, when it held its Go-Green Awareness Seminar, Dinner and Networking Forum.

Being a champion of proper energy management, the company sponsored the Energy Management Awards 2016, organized by the Kenya Association of Manufacturers (KAM). Other beneficiaries included the 17th Annual East African Power Industry Convention (EAPIC) 2015 and the 19th Institute of Certified Secretaries (ICPSK) Annual International Conference 2015.

#### **Education**

The company believes in raising the standards of education in the country ad continues to support various initiatives aimed at achieving this goal. Among the projects undertaken during the last financial year include

## Social Sustainability

construction of classrooms, purchase of desks and chairs, as well as water connections at various schools neighbouring our installations.

The company also sponsored the National Conference on Inclusive Education, organized by the Kenya Institute of Special Education.

#### **Healthcare**

We believe that a healthy nation is a productive nation and towards this end, we have continued to support initiatives that promote good and sustainable health. During the last financial year, our top priority was the sponsorship of the annual First Lady's Half Marathon, an initiative of "Beyond Zero" campaign, whose proceeds are geared towards achieving zero maternal and infant mortality rates, as well as zero new HIV infections.

#### **Labour Relations**

As an employer, KenGen believes in working together with other employers to share industry best practices and to retain the best talent. In this regard, the company sponsored to the tune of Sh 2Million, the First African Employers Summit organized by the Federation of Kenya Employers (FKE), with support from the International Labour Organisation (ILO).

#### **Arts and Culture**

As part of its continued stakeholder relations efforts, particularly in the areas surrounding the Kipevu Power Station, the company sponsored the Annual Lamu Maulid Festival 2016.

## THE KENGEN FOUNDATION: IMPROVING LIVES IN OUR NEIGHBOURHOOD

#### KenGen Foundation

KenGen continued with its commitment to upscale its Corporate Social Responsibility countrywide mainly focusing on the communities around its installations. It is the Company's believe that as a responsible corporate citizen, it has a duty to add value to livelihoods of communities by establishing long-term relationships and implementing sustainable projects.

The Company's CSR efforts have continued to expand with the establishment of The Foundation in 2012 which was set to purposely serve as the vehicle for implementing the Company's CSR programmes.

The Foundation has focused the Company's efforts on three key pillars of sustainability namely Education, Environment and Water & Sanitation which complement the country's Sustainable Development Goals, SDGs.

Through the implementation of viable and sustainable programs, the Foundation has positioned the company as a leader in sustainable development through well focused community programmes.

#### **Education**

KenGen lays great emphasis in creating a pool of trained, competent and patriotic manpower that will contribute towards building a vibrant economy and transform the country into a middle-income economy by the year 2030. KenGen Education Scholarships offers learning opportunities for bright but needy secondary school and university students selected from communities living around the Company's power stations.

From sponsoring an initial group of 14 students in 2005 the KenGen Education Scholarships today benefits over 180 students annually and has to date enabled over 600 students attain secondary and university education.

## Social Sustainability

Currently, the Company is supporting 90 university students and 91 secondary students, with 8 beneficiaries being sponsored by contributions from the KenGen Employee Giver Initiative, and two from one of our project partners.

From last academic year, the Foundation offers stipends to all university students under company scholarships to improve on their living conditions as they pursue their studies. Within the financial year, the Company absorbed seven beneficiaries from our programme who graduated with 1st class honours in 2015 from various universities.

Apart from offering scholarships, the Company also contributed in construction and refurbishment of several learning institutions across the country. These included construction of dormitories, classrooms and sanitary facilities.

The company has already approved an expenditure of Sh 25.5 million for scholarships and infrastructural development support to schools in the next financial year.

#### **Environment**

KenGen is committed to environmental conservation and safeguarding the environment it shares with other communities across its areas of operation. Through the Foundation, the Company has invested in long-term sustainable environmental conservation programmes involving schools and communities.

The flagship environment project is the Schools Green Initiative Challenge, GIC project implemented in partnership with Better Globe Forestry and Bamburi Cement Ltd.

The GIC project, now in its second phase is structured as a competition with the institution recording the highest number of tree survival awarded attractive prizes including educational trips, infrastructure development and scholarships.

I 20 schools from the semi-arid areas of Embu, Kitui and Machakos counties are currently in the competition. The highly successful programme aims at greening over I,000 schools in the arid and semi-arid areas through establishment of commercial and wood-fuel woodlots within the school compounds.

The Eastern hydros ten-year project currently has 201 schools participating and will be taking in another 120 additional schools per year for the next seven years.

The GIC is set to expand to Nakuru, Kisumu and Mombasa counties where KenGen has a significant presence.

#### Water and Sanitation

KenGen has been addressing water challenges faced by communities neighbouring its power station through provision of clean water as a major Corporate Social Investment activity for more than twenty years.

The Company has continued to assist communities get access to clean water and better sanitation through construction of sand dams and water pans, piped water and provision of rain water harvesting facilities in schools.

The Foundation is currently exploring unique partnerships in order to expand water and sanitation programmes for a greater impact.

#### **Partnerships**

The Foundation has worked with strategic partners to source resources for bigger and far-reaching programmes. These partnerships draw on the complementary strengths of different organisations in addressing pressing community and development issues through pooled resources.

The Foundation has partnered with Bamburi Cement and Better Globe Forestry in the expansion of the above mentioned Schools' Green Initiative Challenge.

## Social Sustainability

The Foundation recently received a grant of US \$ 50,000 from the World Bank's Community Development Carbon Fund for the renovation of Kiambaa Primary School and the construction of a footpath at Mirira, Upper Tana area. The project is being implemented in collaboration with the Environment and CDM department, as well as Eastern Hydros Environmentalists, Engineers and Community Liaison Officers.

The KenGen Foundation, KenGen and the Lake Basin College have also signed a Memorandum of Understanding (MoU) for the afforestation of Katuk Odeyo area in Nyakach, Western Hydros. The MoU provides the framework of the cooperation between the parties in regards to the project. The Company will serve as the overall project grantor of seedlings from its Sondu Miriu station nurseries while the Foundation will ensure efficient monitoring, evaluation, and future upscaling of the project.

Staff Giving: KenGen Employee Giver Initiative The Foundation established the KenGen Employee Giver Initiative in early 2015 as a platform for Company staff to participate in the company's CSI activities. The Initiative currently has 756 members who have registered as "Givers" with an option of either contributing financially or in kind on any CSI projects undertaken by the Company.

During the financial year 2015 /2016, the Foundation engaged and trained 25 KenGen staff from various power stations as mentors to sponsored secondary and university students under its Education Scholarships program. The mentors offer counselling, motivation, and career advice to their mentees.

Western Hydros staff Givers planted 5,000 trees at Sang'oro power station as part of the Foundation's reforestation campaigns while the Central Office staff Givers participated in greening Nairobi National Park by planting 1,250 trees.

## **Environment Sustainability**

### **ENVIRONMENTAL MANAGEMENT**

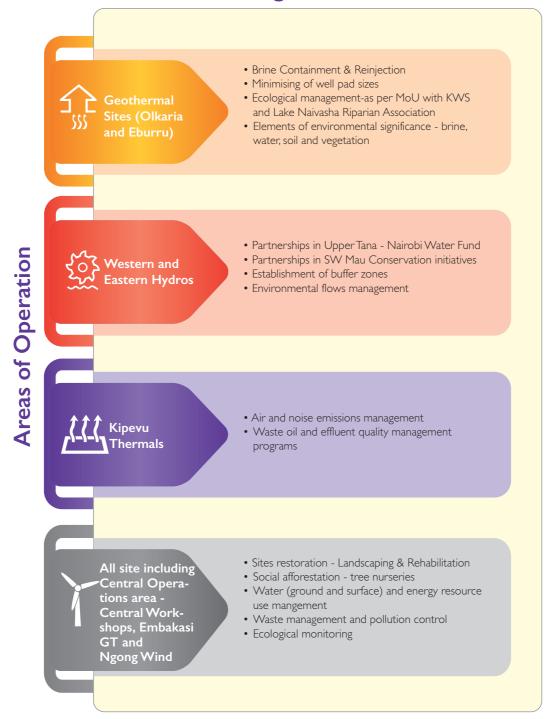
Environmental Policy Statement Highlights - Commitment	KenGen is committed to long term sustainable development in line with International Standards (ISO), statutory and regulatory requirements in generation of reliable, safe, quality and competitively priced electric energy through:  Establish SMART environmental objectives and targets  Maintain and continually improve environmental management systems and programs  Compliance to all applicable environmental legal and regulatory requirements  Conserve energy generation resources & promote cleaner production  Employees & stakeholder awareness and training on standards and environmental policy
Environment Management Process	<ul> <li>KenGen is ISO 14001:2008 certified and its environmental management process is guided by the key components of the Environmental Management System (EMS) including Corporate Environment Policy.</li> <li>EMS is documented and the environmental legal and regulatory requirements which affect company operations are continuously evaluated.</li> <li>The Company has set up SMART objectives, targets and programs which are monitored and reviewed regularly.</li> <li>Corporate and area procedures have been documented to manage and measure performance on key environmental sustainability processes namely:         <ul> <li>Environmental and Social Impact Assessment (ESIA)</li> <li>Resettlement Action Plan (RAP) implementation,</li> <li>Catchment conservation</li> <li>Statutory environment audits</li> <li>Carbon Asset Development and community core benefits</li> <li>Project stakeholder management</li> <li>Corporate environment performance monitoring, measuring and reporting</li> </ul> </li> </ul>

## **Environment Sustainability**

Environmental and Social Impact Assessments (ESIA)	<ul> <li>At KenGen, the ESIAs cover the following activities:</li> <li>All major projects are subjected to ESIA (and RAP) studies</li> <li>Conducted a Strategic Environmental Assessment for geothermal expansion programs at Olkaria and Eburru</li> <li>Key stakeholders consulted</li> <li>Meets local &amp; international standards</li> <li>Environment Impact Assessments (EIA) Licenses obtained from National Environment Management Authority (NEMA) and "No Objections" from development partners (or financiers)</li> <li>Environment and Social Management Plans (ESMPs) enforced</li> <li>Part of bid documents</li> <li>Resident Environmental and Social Safeguards Officers for each project</li> <li>Monthly environmental performance monitoring reports with key recommendations</li> <li>ISO 14001:2008 integrated into monitoring</li> </ul>
Environmental Audits & Environment Management Plan Implementation (no. of audits)	To ensure compliance with the regulations & statutes, the company undertook activities during the financial year as below:  • Quarterly & Semi-annual EMS audits (Internal & external)  • Annual statutory environmental audits – NEMA  • Audits by Energy Regulatory Commission (ERC)  • CAPs prepared and implemented in audited areas for continuous improvement  • Fire audits & Occupational Health & Safety audits  • Clean Development Mechanism (CDM) verification audits (Olkaria II U3)  • ESMP Implementation: Joint Financiers supervision missions
Environmental Performance Monitoring Programs	<ul> <li>Part of ESMPs implementation</li> <li>Done during construction and operation phases of the projects</li> <li>Monthly, Quarterly, Bi-annual and Annual Performance reports prepared for each site with key recommendations on gaps</li> <li>Monitoring broadly cover the following aspects: <ul> <li>Air quality monitoring and simulations/modelling for power plants</li> <li>Noise and excessive vibrations including spread modelling</li> <li>Weather parameters</li> <li>Surface and ground water resources</li> <li>Water (for consumptive and non-consumptive) and energy resource use</li> <li>Waste management (based on 3R principle-Reduce, Recycle, Re-use) and pollution control</li> <li>Environmental flows</li> <li>Ecological monitoring and</li> <li>Social impacts monitoring based on World Bank and other Social Safeguards Guidelines</li> </ul> </li> </ul>

#### **ENVIRONMENT MANAGEMENT PROGRAMS**

## **Program Activities**



## **Environment Sustainability**

#### 2016 ACHIEVEMENTS

### **Environmetal Sustainability**



No. of ESIAs

Rehabilitated land in the 280MW projects

**502,895** m<sup>2</sup>

- Sustainability projects under the Clean Development Mechanism (CDM). Twin objectives of CDM:
  - Reduce greenhouse gas emissions
  - · Ensure sustainable development
- · KenGen is the first Company in Kenya to earn CDM revenues
- KenGen has the largest portfolio in Kenya and Eastern Africa Region of 6 registered projects

#### **Carbon Footprint Reduction**

**CDM** projects

6

Certified emission reduction (CERs) earnings to date

USD 2.7 million

Certified emission reduction (CERs) earnings in 2015

USD 1.1 million



Investing in Communities



Number of trees seedlings raised 284,000

#### **Resettlement Action Plan**

- · Successful resettlement of communities e.g. Olkaria
- Investment of over \$10mn
- · Resettlement area of 1,700 acres



Previous Houses (Manyattas)



New Resettlement Houses

## Resettlement Action Plan (RAP)



No. of persons resettled Naivasha

1,181

Acres of land covered

1,700

No. of permanent jobs created 476

No. of temporary jobs created 1.800

Houses built

150

#### **SAFETY & HEALTH MANAGEMENT SYSTEM**

KenGen is committed to efficient generation of reliable, <u>safe</u>, quality and competitively priced electric energy to the satisfaction of our customers.

- Safety culture in engrained in KenGen's corporate values.
- Managed and monitored through policies & rules:
  - Quality Policy Statement
  - Occupational Safety & Health Policy Statement
  - Fire Safety & Emergency Policy Statement
  - General Safety Rules
- Alignment of the occupational health and safety management system with the International Standard for Occupational Health Safety Management System (OHSAS) ISO 18001
- KenGen health and safety programs:
  - Awareness & training Fire Safety and First Aid
  - Safety promotions and campaigns Safety weeks
  - Inspections and audits on equipment
  - Business Continuity Plans (BCP) and Disaster Recovery Plan (DRP)
  - · Emergency preparedness and response



Reported Accidents, Incidents and near Misses

54

Safety Weeks

17

Fire Marshalls trained

157

## **Operational Management**

#### STATUS OF THE SAFETY & HEALTH MANAGEMENT SYSTEM

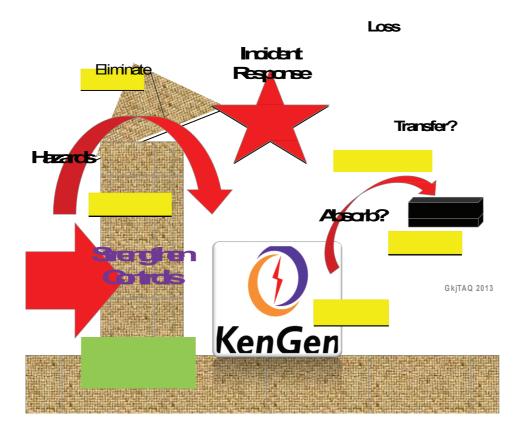
- Documentation developed
- Awareness is good among the staff
- Top management leadership
- Champions and OHS committees active in all areas
- Positivity in hazard identification
- Resources assigned to implement controls
- Inspections by committees done in most areas prior to meetings
- Safety promotion is conducted across the Company
- Application of Safety Rules to across the Company
- Regular audits to monitor implementation

### SHMS - Systematic Way of Managing Safety



### CONSTANT REVIEW OF CONTROLS ENSURE THAT MANAGEMENT IS EFFECTIVE

# Reduce Harm/ EFFECTIVE Loss



## **Operational Management**

#### SAFETY CHALLENGES AND MITIGATION

#### Challenges to Safety

- Culture of safety vs production
  - availability costs put pressure on safety
- Knowledge gaps technical safety
  - safety issues are very dynamic and affected by complex interaction of new and old technologies and practices
- Single project focus
  - resulting in complicated hazards in complicated functions and interactions
- Change management lapses on safety factors
  - changes in technologies, projects, processes and people behaviour put pressure on safety to keep pace

### Mitigation of safety issues:

- Targeted safety programs addressing major risks are conducted
- Continued training to cover all staff and also OHS auditors certification
- Use of coordinated safety week activities to enhance safety and health
- Enhancing 'Five (5) minute safety tool box meeting' before work tasks begin across the Company
- Building capacity and infrastructure to identify, manage and mitigate hazards and risks associated with projects
- Addressing the SHMS audit findings and gaps identified

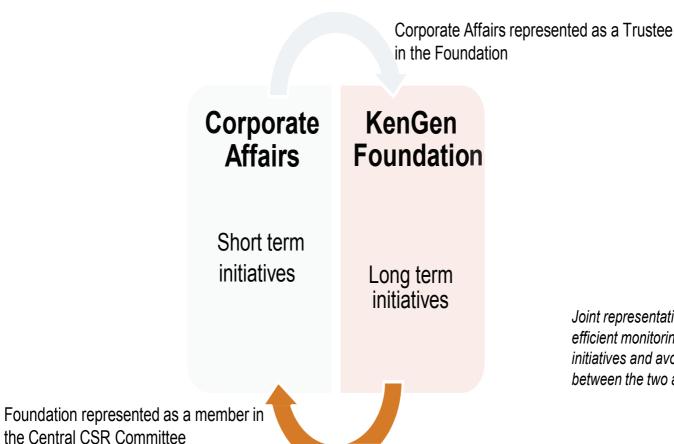
### Action Plan - Mitigation Programs

Hazard Identified	Action Plan
Drowning	Create awareness on procedure on pool safety
	Fence the entry points in Sondu channel
	Fence the entry points in brine ponds
	Train young divers and refresh regularly
Road traffic accidents	Create awareness on defensive driving
	Monitor drivers' health including sight
Fires	Install early warning monitoring equipment
	Train staff and other stakeholders on preparedness and response
	Use permit to work in fire risk activities such as welding in flammable
	environments
	Relocation of fire concentration points such as DG in the RBS
	Install automatic fire suppression as part of installation
Injuries to hands and legs at the rigs	Review operations and necessary tooling to prevent failures and injury
Lifestyle diseases (overweight, high	Provide for gym (Stima) and recreation activities
blood pressure, diabetes)	Monitor the wellness of staff routinelyt

## Social Management

### **CORPORATE SOCIAL INVESTMENT**

- Implementation of CSR interventions through the CSR Policy
- Initiatives are carried out through the Corporate Affairs (CSR) and the KenGen Foundation



Joint representation ensures efficient monitoring of CSR initiatives and avoids duplication between the two arms

## Social Management

### Stakeholders Coordination Committees



### Area CSR Committees



## KenGen Foundation

- Link between KenGen & communities
- · Prioritise CSR initiatives
- Divided into focus subcommittees
- i. Education
- ii. Employment & Economic Benefits
- iii. Culture & Sports
- iv. Environment, Safety & Health

- Chaired by the area
   Operations Manager, who
   is a representative on the
   Central CSR Committee
- Constituted by the chairs of all the Area CSR Committees, Corporate Affairs and KenGen Foundation
- Measures and monitors all CSR and Social Investment initiatives
- Community expectations were higher than KenGen Company resources, so the Foundation was set up
- Key objectives of the Foundation:
  - i. Raise funds to scale up CSR interventions
  - ii.Monitor and evaluation the CSR initiatives
- Forms partnerships with others for joint initiatives
   e.g. with Bamburi Cement
   & Better Globe

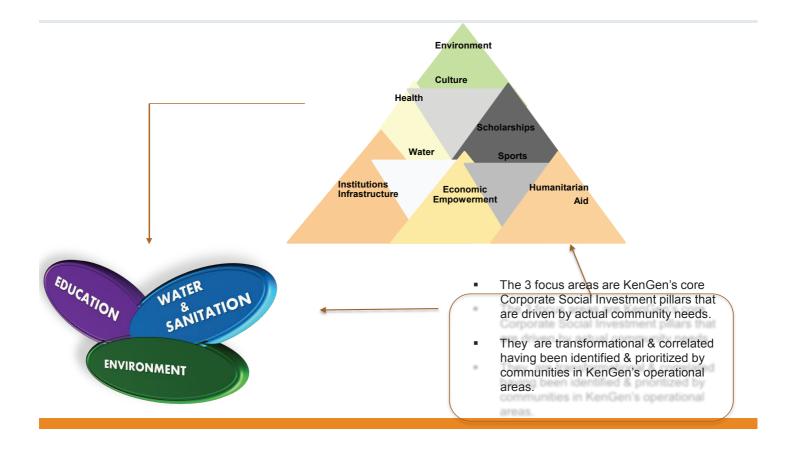
Flow of information and discussions to ensure alignment of Company goals and objectives with those of the communities in which KenGen operates

Overall aim: To improve the living standards of the communities around KenGen - Harmonious neighbourliness



## Social Management

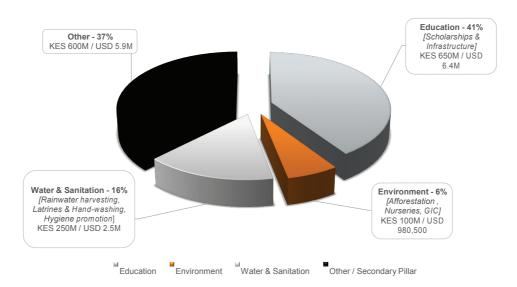
### SOCIAL INVESTMENT SUSTAINABILITY



## Social Sustainability Investment

#### SOCIAL SUSTAINABILITY INVESTMENT

#### Amounts Invested in Millions (KES & USD)





### **Corporate Social Investment**

- (i) Annual secondary & university scholarships
- Program was established in 2005;
- Current beneficiaries 156 students;
- Total program output 500 students

#### (ii) School infrastructure development

• Includes construction, refurbishment of schools, provision of building materials & technical equipment.

Total Investment: USD 6.4Million/ Kshs. 650Million

Estimated Beneficiaries: 10,500 students, school staff & community members



- (i) Expansion of scholarship program
- (ii) Enhancing the Mentorship program
- (iii) Partnerships in Vocational Training
- (iv) Development of two Centres of Excellence



### **Environmental Pillar**

#### **ENVIRONMENTAL PILLAR**

- i. Afforestation initiatives in operational areas & main water towers
  - 29 power stations
  - Targeting Kenya's 5 water towers
- ii. Distribution of seedlings from nurseries in Gitaru, Sondu & Olkaria
- Over a million seedlings distributed
- iii. Green Initiative Challenge (GIC) Project
  - Started as a pilot with 81 schools
  - Currently has 201 participating schools
  - Targeting 1000 schools

Total Investment: USD 980,500/ Kshs. I 00Million

Beneficiaries: Over 600,000 community members

#### **Current Focus:**

- (i) Upscaling GIC
- (ii) Implementing Family Woodlots project
- (iii) Adoption of water tower forests
- (iv) Partnerships in Solar Energy Technology





## Water and Sanitation Pillar

#### WATER AND SANITATION PILLAR

- a) Water projects in various parts of our operational areas
  - √ Piped treated water
  - √ Water Kiosks

#### b) Rain water harvesting

- ✓ Sand dams & water pans mainly in the arid areas
- ✓ Installation of water tanks and roof gutters

Total Investment: USD 2.5Million/ Kes 250Million
Estimated Beneficiaries: Over 322,000 community members/ 30,000

#### **Current Focus:**

households

- a) Investing in schools' sanitation improved latrines & hand-washing facilities, as well as promotion of hygiene awareness & practices.
- b) Investing in innovative Rain Water Harvesting systems in schools & households

#### **SOCIAL IMPACT PER PILLAR**

#### **EDUCATION**

#### Total Investment:

• USD 6.4Million / Kshs. 650Million

#### Estimated Beneficiaries

• 10,500 students, school staff & community members

#### **WATER & SANITATION**

#### Total Investment:

 USD 2.5Million / Kshs. 250Million

### Estimated Beneficiaries:

 Over 600,000 community members

#### **ENVIRONMENT**

#### Total Investment

 USD 980,500 / Kes 100Million

#### Reneficiaries:

Over 600,000 community members

## **Business Sustainability**

#### **VALUE ADDED STATEMENT**

We create, distribute and invest value to our shareholders both in monetary terms more so in intangible benefits through sustainable development of customers, employees and shareholders.

### Wealth Created, Distributed & Reinvested

	2016 Kshs'000'	2015 Kshs'000'
Wealth created		
Electricity Revenue Steam revenue Other income Interest income Paid to suppliers of goods and services Paid to youth, women and persons with disabilities	29,543,488 6,856,018 2,210,050 556,108 (6,452,602)	25,602,038 3,689,361 665,902 359,082 (6,774,368)
(Government empowerment program)	(304,740)	(464,000)
	32,408,322	23,078,014
Wealth Distribution		
To employees salaries & wages To Welfare of our employees To Train our people To providers of Lenders as interest To Shareholders as dividends To Community and Environmental conservation To Revenue Authority	4,389,290 469,267 187,006 3,132,187 - 312,136 2,431,022	4,162,284 346,238 91,478 3,010,659 1,428,935 298,399
	10,920,908	9,337,992
Wealth Reinvested		
Retained profit in the company Depereciation Deferred taxation	6,743,492 10,223,370 4,520,552 <b>21,487,414</b>	10,088,392 6,478,945 (2,827,315)
	32,408,322	23,078,014

## Risk Management

#### **ENTERPRISE RISK MANAGEMENT**

Risk Management is an integral part of corporate governance and ensures long term viability and sustainability of the Company. The Company continues to implement its Enterprise Risk Management (ERM) policy with the objective of managing identified business and operational risks in a structured and systematic manner.

The ERM policy is designed to: (i) identify threats that affect the achievement of the Company's Vision, Mission and Values; (ii) take advantages of opportunities in order to create value to all stakeholders; and (iii) establish appropriate mitigation measures to counter negative effects of the risks. The Board through its Audit & Risk Management Committee exercises oversight role on the ERM processes implemented by the Management. During the year under review, the Company continued to embed a risk-awareness culture aimed at supporting strategic and operational objectives. Key corporate and emerging risks related to specific business objectives were assessed, evaluated and closely monitored by the Board and Management. The identified risks fall under three categories: macro-economic; strategic and operational.

These risks affect the Company's operating environment, business growth strategies and operations. Risk identification process is a continuous process and focuses on the following; identifying various risk facing the Company, assessing their probability of occurrence and estimating the potential impact and thereafter, evaluating the adequacy of controls in place to mitigate the risks. The implementation of all planned and agreed risk mitigation measures is tracked and progress reported to the Board Audit & Risk Management Committee. The Committee is mandated with the review and assessment of the Company's risk management process. KenGen has developed an integrated risk management system which assists management in managing our risks and build resilience in order to provide greater assurance to employees, customers and other stakeholders that objectives will be achieved.

### Strategic Risk Management in the Company

The objective of strategic risk management is to ensure that management identifies, assesses and continuously monitors events that drive deliberation and action regarding uncertainties and untapped opportunities that affect an organization's strategy and strategic execution. It enables an integrated approach of strategic planning, risk management and strategy execution in managing risks and seizing opportunities, not only for protection against losses, but for reducing uncertainties and seizing opportunities, thus enabling better performance in achieving the KenGen's objectives and greater resilience in an uncertain environment. Strategic Risks are one or a combination of the following:

- Risks emanating from external factors and/or enterprise events that are strategic in nature which may affect KenGen's ability to achieve its objectives; and
- b) Risk associated with our ability to develop, execute, and achieve our strategic objectives, build and protect shareholder value;

The key components of the corporate risk matrix and the associated mitigation measures are detailed below: Hydrology Conditions

Unfavourable hydrological conditions could adversely affect the generating capacity of the company and its revenues.

Mitigation: The Company continues to engage with relevant stakeholders for the establishment of hydro-risk mitigation fund to cushion the Company during periods of poor hydrological conditions. The Company is also diversifying from hydro-dependent generation to other generation modes such as geothermal, wind and coal amongst others.

#### Changes in the Regulatory Environment

KenGen operates in a regulated business environment. Changes in law and regulation could expose the company to risks that could result into increased operating costs ultimately compromising profitability.

## Risk Management

Mitigation: The Company continues to mitigate the risks associated with the regulatory environment through negotiation for effective Power Purchase Agreement that ensures full cost recovery and sustainability of its operations. We also proactively seek to build constructive relationships with all the relevant regulators and seek opportunities to contribute to discussions on emerging legislation and regulations.

#### Geothermal Steam Supply

Changes in geological formation underneath the earth's surface could adversely affect steam supply from generation wells and thus impacting on the Company's revenues.

Mitigation: The Company is putting in place an effective steam reservoir management system that ensures close monitoring and supervision of the steam pressures in the geothermal reservoir.

#### Competition

Competition is inevitable with growing energy demand and supply factors driven by national economic growth needs and a dynamic global business market.

Mitigation: The Company is abundantly endowed with comparatively cheap geothermal resource and the strategy is to focus on harnessing of geothermal resource which provides both competitive and comparative edge over other players. The Company intends to build on its expertise and experience in exploiting geothermal resources within Olkaria and other potential sites. In addition to the geothermal resource, the Company will leverage on the capacity expansion programmes for renewable energy resources such as wind and solar. The Company is also seeking public private partnerships in order to create new business models and growth opportunities.

#### Political Landscape

The National Policy Agenda, through legislative changes may adversely affect investments and Company operations which could result in increased cost of doing business. The forthcoming general elections could also see a slowdown in growth momentum through two channels, first is the risk that investors could defer investment decisions until after the elections; second, that election related expenditures could lead to a cut back in infrastructure spending.

Mitigation: Through effective stakeholder management programmes, the Company is able to manage effects of legislation on its operations. KenGen is also an active participant in the Committee that is conducting the ongoing review of the National Energy Policy & Energy Bill which has taken into consideration sectoral changes in the Constitution.

#### Single Buyer Model

The Company currently sells all its generated electric energy to a sole customer namely; Kenya Power. This could have an adverse effect on Company's revenues should Kenya Power's financial health be affected adversely by the macro-economic factors.

Mitigation: The Company continues to collaborate with other stakeholders to ensure the enactment of the Energy Bill into law whose provisions would allow for the entry of more players in the wholesale and retail of electricity thus giving the Company an option to sell bulk energy to multiple customers. The Energy Bill if enacted into Law will also provide for the establishment of an independent system operator who will ensure economic merit order of power plant dispatch is strictly followed.

#### Project Implementation Practices

Energy generation projects bear significant construction risks arising from delayed completion and commissioning.

Mitigation: The Company continuous to manage factors in project implementation which could result in cost overruns and project delays. We continue to improve on the procurement management practices to ensure only skilled and experienced Engineering, Procurement Construction (EPC) contractors and consultants are engaged for all its projects. The Company also executes agreements that require the contractors to pay sufficient liquidated damages in the event of default.

## Risk Management

#### Power Evacuation from Generation Sites

Timely completion of transmission line projects is critical for ensuring that we maintain the generation capacity so as to meet Kenya's electricity needs. However, Ketraco, the State Corporation with the mandate of constructing transmission lines faces the challenge of unjustified land compensation demands for loss of land use from local stakeholders affected by its projects. This in essence leads to stoppage/delay in completion of transmission lines thus affecting KenGen's ability to evacuate electricity from generation sites on a timely basis.

Mitigation: KenGen in liaison with other stakeholders who are affected by wayleave challenges are collaborating on the review of the National Land Act so as to provide for a enabling subsidiary legislation for partial (wayleave) and permanent land acquisition so as to facilitate construction of transmission lines. In addition, the Energy Bill if enacted into law, will provide mechanisms and avenues for addressing agitation by the local stakeholders.

#### Plant Availability

The Company has continued to enhance generation capacity through increased power production, enhanced plant availability and reduced machine down time. This has led to increased generation revenues and subsequent increase in shareholders' value.

Mitigation: The Company has planned to enter into contracting framework for supply of critical plant components to ensure timely delivery of required spare parts. In addition, the Company will undertake proper planning & ensure adherence to plant and equipment maintenance programs.

#### Access to Capital Funds for Expansion Programme

The Company needs substantial capital to finance its business plan and in particular the capacity expansion projects. The medium-term planned capacity addition under the various expansion programs between the years 2016-2020 is 721MW is estimated to cost over US\$ 1.3 billion.

Mitigation: The Company continues to explore ways of securing additional sources of funding through Public Private Partnerships (PPP) arrangements to supplement its internally generated funds. The Company also undertook a successful rights issue during the year of which the proceeds will be used for projects expansion.

### Security Risks

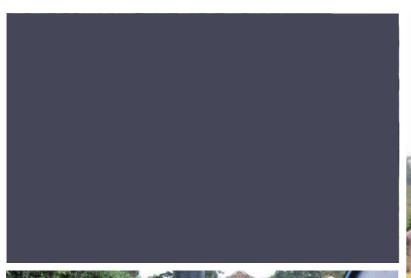
With the changing local and international dynamics, security is a key concern to the country and more so to KenGen due to its power generation facilities which are strategic national assets.

Mitigation: KenGen has taken proactive measures to secure all its areas of operation through investment in measures to ensure that our staff and assets are protected. We also work closely with law enforcement agencies to ensure our customers' interests are protected.

#### Business Continuity Management & Disaster Mitigation

Due to increased threats of disaster in the country, there is a need to ensure that the Company has in place an effective system of business continuity and disaster recovery management.

Mitigation: The Internal Audit & Risk Management Department jointly with Regulatory Affairs Division is facilitating implementation of a business continuity management framework and disaster management system in the Company. This will ensure that the Company has in place adequate measures that address risks that may adversely impact continued business operation and disaster recovery.















### STATEMENT OF DIRECTORS' RESPONSIBILITIES

The Kenyan Companies Act 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 its profit or loss for that year. It also requires the directors to ensure that the company keeps proper accounting records that disclose, with reasonable accuracy, the financial position of the Company. The Directors are also responsible for safeguarding the assets of the Company.

The Directors accept responsibility for the preparation and fair presentation of financial statements that are free from material misstatements whether due to fraud or error. They also accept responsibility for:

- i) Designing, implementing and maintaining internal control as they determine necessary to enable the preparation of financial statements that are free from material misstatements, whether due to fraud or error.
- ii) Selecting and applying appropriate accounting policies;
- iii) Making accounting estimates and judgements that are reasonable in the circumstances.

The Directors are of the opinion that the financial statements give a true and fair view of the financial position of the company as at 30 June 2016 and of the Company's financial performance and cash flows for the year then ended in accordance with International Financial Reporting Standards and the requirements of the Kenyan Companies Act.

Nothing has come to the attention of the Directors to indicate that the company will not remain a going concern for at least the next twelve months from the date of this statement.

Approved by the board of directors on 19 October, 2016 and signed on its behalf by:

Joshua Choge Chairman Dorcas Kombo Director Albert Mugo Managing Director & CEO

19 October, 2016

#### STATEMENT BY COMPANY SECRETARY

In accordance with Section 125 of the Companies Act, I certify that the Company has lodged with the Registrar-General all such returns as are required of a public company in terms of the Act, and that all such returns are true, correct and up to date.

R. Miano, Company Secretary Nairobi 19 October 2016

### REPUBLIC OF KENYA

Telephone: +254-20-342330 Fax: +254-20-311482 E-mail: oag@oagkenya.go.ke Website: www.kenao.go.ke



P.O. Box 30084-00100 NAIROBI

### OFFICE OF THE AUDITOR-GENERAL

## REPORT OF THE AUDITOR-GENERAL ON KENYA ELECTRICITY GENERATING COMPANY LIMITED FOR THE YEAR ENDED 30 JUNE 2016

#### REPORT ON THE FINANCIAL STATEMENTS

The accompanying financial statements of Kenya Electricity Generating Company Limited set out on pages 8 to 71, which comprise the statement of financial position as at 30 June 2016, and the statement of profit or loss and other comprehensive income, statement of changes in equity, and a statement of cash flows for the year then ended and a summary of significant accounting policies and other explanatory information, have been audited on my behalf by PricewaterhouseCoopers, auditors appointed under Section 23 of the Public Audit Act, 2015. The auditors have duly reported to me the results of their audit and on the basis of their report, I am satisfied that all the information and explanations which, to the best of my knowledge and belief, were necessary for the purpose of the audit were obtained.

### Director's Responsibility for the Financial Statements

Directors are responsible for the preparation and fair presentation of these financial statements in accordance with International Financial Reporting Standards and for such internal controls, as the directors determine is necessary to enable the preparation of financial statements that are free from material misstatements, whether due to fraud or error.

The directors are also responsible for the submission of the financial statements to the Auditor-General in accordance with the provisions of Section 47 of the Public Audit Act, 2015.

#### **Auditor-General's Responsibility**

My responsibility is to express an opinion on these financial statements based on the audit and report in accordance with the provisions of Section 48 of the Public Audit Act, 2015 and submit the audit report in compliance with Article 229(7) of the Constitution. The audit was conducted in accordance with International Standards on Auditing. Those standards require compliance with ethical requirements and that the audit be planned and performed to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgement, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk

Kenya Electricity Generating Company Limited – Annual Report and Financial Statements for the year ended 30 June 2016

assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by the directors, as well as evaluating the overall presentation of the financial statements.

I believe that the audit evidence obtained is sufficient and appropriate to provide a basis for my audit opinion.

#### Opinion

In my opinion, the financial statements present fairly, in all material respects, the financial position of Kenya Electricity Generating Company Limited as at 30 June 2016 and of its profit and its cash flows for the year then ended, in accordance with International Financial Reporting Standards and comply with the Kenyan Companies Act.

#### REPORT ON OTHER LEGAL AND REGULATORY REQUIREMENTS

As required by the Kenyan Companies Act, I report based on my audit, that;

- i. I have obtained all the information and explanations which to the best of my knowledge and belief were necessary for the purpose of my audit;
- ii. in my opinion, proper books of account have been kept by the company, so far as appears from my examination of those books; and
- iii. the Company's statement of financial position and statement of profit or loss and other comprehensive income are in agreement with the books of account.

FCPA Edward R.O. Ouko, CBS AUDITOR-GENERAL

Nairobi

19 October 2016

# STATEMENT OF PROFIT OR LOSS AND OTHER COMPREHENSIVE INCOME for the year ended 30 June 2016

•	Note	2016 Shs'000	2015 Shs'000
Electricity revenue	4	29,543,488	25,602,038
Steam revenue	5	6,856,018	3,689,361
otean Tovende		36,399,506	29,291,399
Other income	6	2,210,050	665,902
		38,609,556	29,957,301
Employee expenses	8 (a)	(4,389,290)	(4,162,284)
Operating expenses	8 (b)	(4,558,578)	(4,285,122)
Depreciation and amortisation	8 (c)	(10,223,370)	(6,478,945)
Steam costs	5	(3,167,173)	(3,689,361)
Operating profit		16,271,145	11,341,589
Compensating tax	30	(2,431,022)	-
Finance income	7	556,108	359,082
Finance costs	9	(3,132,187)	(3,010,659)
Profit before income tax	10	11,264,044	8,690,012
Income tax (expense)/credit	(a)	(4,520,552)	2,827,315
Profit for the year		6,743,492	11,517,327
Other comprehensive income:			
Items that will not be reclassified subsequently to profit or loss			
Remeasurement of defined benefit	28 (a)	(394,996)	214,462
Deferred tax on remeasurement of defined benefit	29	118,499	(64,339)
Revaluation surplus	13	, -	77,203,898
Deferred tax on revaluation surplus	29	-	(23,161,169)
		(276,497)	54,192,852
Items that may be reclassified subsequently to profit or loss:			
Net (losses)/gain on revaluation of available-for-sale treasury bonds	19(c)	(19,772)	2,270
Cumulative loss reclassified from equity on disposal	( )	, ,	
of available-for-sale treasury bonds	19(c)	-	51,314
		(19,772)	53,584
Other comprehensive income for the year, net of income tax		(296,269)	54,246,436
Other comprehensive income for the year, het of income tax		` ´	
Total comprehensive income for the year		6,447,223	65,763,763
Total comprehensive income for the year		6,447,223	65,763,763
	12	<b>6,447,223</b> 3.07	<b>65,763,763</b> 5.24

# STATEMENT OF FINANCIAL POSITION for the year ended 30 June 2016

	Note	2016 Shs'000	2015 Shs'000
ASSETS			
Non-current assets			
Property, plant and equipment	13	320,932,980	305,378,764
Prepaid leases on land	14	4,150,673	3,223,658
Intangible assets	15	1,181,241	1,122,452
Non-current receivables	18	15,037,721	7,207,494
Treasury bonds	19	2,420,560	2,426,440
Retirement benefit asset	28	1,609,201	1,792,214
		345,332,376	321,151,022
Current assets			
Inventories	20	866,698	899,076
Trade receivables	16	10,045,640	8,716,677
Other receivables and prepayments	21	3,925,727	8,119,110
Treasury bonds	19	322,031	341,803
Cash and bank balances	23	6,756,324	3,292,307
		21,916,420	21,368,973
TOTAL ASSETS		367,248,796	342,519,995

# STATEMENT OF FINANCIAL POSITION for the year ended 30 June 2016

	Note	2016 Shs'000	2015 Shs'000
EQUITY AND LIABILITIES			
Equity attributable to owners			
Share capital	24	15,609,684	5,495,904
Share premium	24	21,056,341	5,039,818
Other reserves	25	77,540,603	79,912,755
Retained earnings		58,536,054	51,145,614
		172,742,682	141,594,091
Non- current liabilities			
Borrowings	26(b)	126,149,009	137,191,309
Deferred income tax	29	40,226,857	35,924,900
Trade and other payables	30	9,940,189	5,329,722
		176,316,055	178,445,931
Current liabilities			
Borrowings due within one year	26(a)	10,757,003	9,427,225
Trade and other payables	30	4,943,371	7,922,747
Compensating tax	30 (b)	2,431,022	253,984
Current income tax	(c)	58,663	140,843
Dividends payable	31(a)	-	4,735,174
Total liabilities		18,190,059	22,479,973
TOTAL EQUITY AND LIABILITIES		367,248,796	342,519,995

The financial statements on pages 8 to 72 were approved and authorised for issue by the Board of Directors on 19 October, 2016 and were signed on its behalf by:

Joshua Choge Chairman Dorcas Kombo Director Albert Mugo Managing Director & CEO

# STATEMENT OF CHANGES IN EQUITY for the year ended 30 June 2016

	Share capital Shs'000	Share premium Shs'000	Other reserves Shs'000	Retained earnings Shs'000	Total Shs'000
At 1 July 2014	5,495,904	5,039,818	26,289,211	39,884,740	76,709,673
Profit for the year	-	-	-	11,517,327	11,517,327
Other comprehensive income;					
-revaluation of bonds available for sale	-	-	53,584	-	53,584
-revaluation of property, plant and equipment	-	-	54,042,729	-	54,042,729
-remeasurement of defined benefit	-	-	214,462	-	214,462
-deferred income tax on remeasurment	-	-	(64,339)	-	(64,339)
Total comprehensive income for the year	-	-	54,246,436	11,517,327	65,763,763
Transfer of excess depreciation	=	=	(854,000)	854,000	-
Deferred tax on revaluation surplus – current year	_	-	231,108	(231,108)	-
Transaction with owners:			- ,	( - , )	
Dividend declared – 2014	-	-	-	(879,345)	(879,345)
At 30 June 2015	5,495,904	5,039,818	79,912,755	51,145,614	141,594,091
As at 1 July 2015	5,495,904	5,039,818	79,912,755	51,145,614	141,594,091
Profit for the year	_	_	_	6,743,492	6,743,492
Other comprehensive income;				J,, =	2,1 12, 11 =
- revaluation of bonds available for sale	_	-	(19,772)	-	(19,772)
-remeasurement of defined benefit	-	=	(394,996)		(394,996)
-deferred income tax on remeasurment	-	-	118,499	-	118,499
Total comprehensive income for the year	-	-	(296,269)	6,743,492	6,447,223
Transfer of excess depreciation			(3,045,117)	3,045,117	
Deferred tax on revaluation surplus – current year	_	_	969,234	(969,234)	_
Transaction with owners			707,231	(707,231)	
-Rights issue (Note 24)	10,113,780	16,016,523	_	_	26,130,303
Dividend declared – 2015 (Note 32)	-	-	-	(1,428,935)	(1,428,935)
At 30 June 2016	15,609,684	21,056,341	77,540,603	58,536,054	172,742,682

# STATEMENT OF CASH FLOWS for the year ended 30 June 2016

	Note	2016 Shs'000	2015 Shs'000
Cash flows from operating activities			
Cash generated from operations	33(a)	32,365,267	14,698,792
Income tax paid	33(c)	(182,276)	(351,982)
Interest received	33(b)	540,431	364,439
Interest paid	33(c)	(3,467,409)	(2,185,558)
Net cash generated by operating activities		29,256,013	12,525,691
Cash flows from investing activities			
Purchase of property, plant and equipment	13	(26,946,907)	(27,231,523)
Purchase of property, plant and equipment  Purchase of prepaid leasehold land	14	(20,710,707)	(772,716)
Purchase of intangible assets	15	(10,444)	(129,771)
Proceeds from disposal of assets		171,462	15,632
Proceeds on sale/redemption of treasury bonds	19(c)	-	259,073
Cash proceeds from rights issue	( )	4,096,240	-
Net cash used in investing activities		(22,689,649)	(27,859,305)
Cash flows from financing activities			
Repayment of borrowings	26(d)	(6,360,398)	(12,719,460)
Proceeds from borrowings	26(d)	9,422,158	26,981,206
Dividends paid to owners of the company	32	(6,164,107)	(263,804)
Net cash generated from financing activities		(3,102,347)	13,997,942
Net increase/(decrease) in cash and cash equivalents		3,464,017	(1,335,672)
Cash and cash equivalents at the beginning of the year		3,292,307	4,627,979
Cash and cash equivalents at the end of the year	23	6,756,324	3,292,307

#### I. GENERAL INFORMATION

The company is incorporated and domiciled in Kenya under the Kenyan Companies Act. The company was incorporated in 1954 as Kenya Power Company Limited (KPC) and was under management of Kenya Power & Lighting Company (Kenya Power). In 1997, the management was separated from Kenya Power & Lighting Company Limited and the company was renamed to Kenya Electricity Generating Company Limited (KenGen) following the implementation of the reforms in the energy sector. Its core business is to develop, manage and operate power generation plants to supply electric power to the Kenyan market. The shares of the company are listed on the Nairobi Securities Exchange.

#### 2. ACCOUNTING POLICIES

#### Basis of preparation

The financial statements have been prepared in accordance with International Financial Reporting Standards (IFRS).

These financial statements are prepared in Kenya shillings thousands (Shs'000) which is the company's functional and presentation currency.

The preparation of financial statements in conformity with IFRS requires the use of certain critical accounting estimates. It also requires the directors to exercise judgement in the process of applying the Company's accounting policies. The areas involving a higher degree of judgement or complexity, or where assumptions and estimates are significant to the financial statements, are disclosed in Note 3.

For the Kenyan Companies Act reporting purposes, in these financial statements, the balance sheet is represented by/is equivalent to the statement of financial position and the profit and loss account is presented in the statement of profit or loss and other comprehensive income.

Application of new and revised International Financial Reporting Standards (IFRSs)

#### (i) New standards and amendments to published standards effective for the year ended 30 June 2016

The following new and revised IFRSs were effective in the current year and had no material impact on the amounts reported in these financial statements.

### NOTES TO THE FINANCIAL STATEMENTS

(Continued)

#### 2. ACCOUNTING POLICIES (Continued)

Application of new and revised International Financial Reporting Standards (IFRSs) (Continued)

#### (i) New standards and amendments to published standards effective for the year ended 30 June 2016 (Continued)

Amendments to IAS 32 Offsetting Financial Assets and Financial Liabilities The amendments to IAS 32 clarify the requirements relating to the offset of financial assets and financial liabilities. Specifically, the amendments clarify the meaning of 'currently has a legally enforceable right of set-off' and 'simultaneous realisation and settlement'.

As the Company does not have any financial assets and financial liabilities that qualify for offset, the application of the amendments has had no impact on the disclosures or on the amounts recognised in the Company's financial statements.

IFRIC 21 Levies

IFRIC 21 addresses the issue as to when to recognise a liability to pay a levy imposed by a government. The Interpretation defines a levy, and specifies that the obligating event that gives rise to the liability is the activity that triggers the payment of the levy, as identified by legislation. The Interpretation provides guidance on how different levy arrangements should be accounted for, in particular, it clarifies that neither economic compulsion nor the going concern basis of financial statements preparation implies that an entity has a present obligation to pay a levy that will be triggered by operating in a future period.

The application of this Interpretation has had no material impact on the disclosures or on the amounts recognised in the Company's financial statements.

Amendments to IAS 36 Recoverable Amount Disclosures for Non-Financial Assets The amendments to IAS 36 remove the requirement to disclose the recoverable amount of a cash-generating unit (CGU) to which goodwill or other intangible assets with indefinite useful lives had been allocated when there has been no impairment or reversal of impairment of the related CGU. Furthermore, the amendments introduce additional disclosure requirements applicable to when the recoverable amount of an asset or a CGU is measured at fair value less costs of disposal. These new disclosures include the fair value hierarchy, key assumptions and valuation techniques used which are in line with the disclosure required by IFRS 13 Fair Value Measurements.

As the Company does not have any cash-generating units (CGU) to which goodwill or other intangible assets with indefinite useful lives had been allocated, the application of the amendments has had no impact on the disclosures or on the amounts recognised in the Company's financial statements.

#### 2. ACCOUNTING POLICIES (Continued)

Application of new and revised International Financial Reporting Standards (IFRSs) (Continued)

#### (ii) New and amended standards and interpretations in issue but not yet effective in the year ended 30 June 2016

A number of new standards and amendments to standards and interpretations are effective for annual periods beginning after I January 2015, and have not been applied in preparing these financial statement. None of these is expected to have a significant effect on the financial statements of the Company, except the following set out below.

IFRS 9, 'Financial instruments', addresses the classification, measurement and recognition of financial assets and financial liabilities. The complete version of IFRS 9 was issued in July 2014. It replaces the guidance in IAS 39 that relates to the classification and measurement of financial instruments. IFRS 9 retains but simplifies the mixed measurement model and establishes three primary measurement categories for financial assets: amortised cost, fair value through OCI and fair value through P&L.

The basis of classification depends on the entity's business model and the contractual cash flow characteristics of the financial asset. Investments in equity instruments are required to be measured at fair value through profit or loss with the irrevocable option at inception to present changes in fair value in OCI not recycling.

There is now a new expected credit losses model that replaces the incurred loss impairment model used in IAS 39. For financial liabilities there were no changes to classification and measurement except for the recognition of changes in own credit risk in other comprehensive income, for liabilities designated at fair value through profit or loss. IFRS 9 relaxes the requirements for hedge effectiveness by replacing the bright line hedge effectiveness tests. It requires an economic relationship between the hedged item and hedging instrument and for the 'hedged ratio' to be the same as the one management actually use for risk management purposes.

Contemporaneous documentation is still required but is different to that currently prepared under IAS 39. The standard is effective for accounting periods beginning on or after I January 2018. Early adoption is permitted. The company is yet to assess IFRS 9's full impact.

#### IFRS 15 Revenue from Contracts with Customers

IFRS 15, 'Revenue from contracts with customers' deals with revenue recognition and establishes principles for reporting useful information to users of financial statements about the nature, amount, timing and uncertainty of revenue and cash flows arising from an entity's contracts with customers. Revenue is recognised when a customer obtains control of a good or service and thus has the ability to direct the use and obtain the benefits from the good or service. The standard replaces IAS 18 'Revenue' and IAS 11 'Construction contracts' and related interpretations. The standard is effective for annual periods beginning on or after 1 January 2018 and earlier application is permitted. The company is assessing the impact of IFRS 15.

IFRS 16, Leases, Effective date - I January 2019 After ten years of joint drafting by the IASB and FASB they decided that lessees should be required to recognise assets and liabilities arising from all leases (with limited exceptions) on the balance sheet. Lessor accounting has not substantially changed in the new standard. The model reflects that, at the start of a lease, the

## NOTES TO THE FINANCIAL STATEMENTS

(Continued)

#### 2. ACCOUNTING POLICIES (Continued)

Application of new and revised International Financial Reporting Standards (IFRSs) (Continued)

(ii) New and amended standards and interpretations in issue but not yet effective in the year ended 30 June 2016 (Continued)

lessee obtains the right to use an asset for a period of time and has an obligation to pay for that right. In response to concerns expressed about the cost and complexity to apply the requirements to large volumes of small assets, the IASB decided not to require a lessee to recognise assets and liabilities for short-term leases (less than 12 months), and leases for which the underlying asset is of low value (such as laptops and office furniture). A lessee measures lease liabilities at the present value of future lease payments. A lessee measures lease assets, initially at the same amount as lease liabilities, and also includes costs directly related to entering into the lease. Lease assets are amortised in a similar way to other assets such as property, plant and equipment.

(iii) Relevant new and revised IFRSs in issue but not yet effective for the year ended 30 June 2016

This approach will result in a more faithful representation of a lessee's assets and liabilities and, together with enhanced disclosures, will provide greater transparency of a lessee's financial leverage and capital employed.

One of the implications of the new standard is that there will be a change to key financial ratios derived from a lessee's assets and liabilities (for example, leverage and performance ratios). IFRS 16 supersedes IAS 17, 'Leases', IFRIC 4, 'Determining whether an Arrangement contains a Lease', SIC 15, 'Operating Leases – Incentives' and SIC 27, 'Evaluating the Substance of Transactions Involving the Legal Form of a Lease'.

Amendments to IAS 16 and IAS 38 Clarification of Acceptable Methods of Depreciation and Amortisation

The amendments to IAS 16 prohibit entities from using a revenue-based depreciation method for items of property, plant and equipment. The amendments to IAS 38 introduce a rebuttable presumption that revenue is not an appropriate basis for amortisation of an intangible asset. This presumption can only be rebutted in the following two limited circumstances:

- a) when the intangible asset is expressed as a measure of revenue; or
- b) when it can be demonstrated that revenue and consumption of the economic benefits of the intangible asset are highly correlated.

The amendments apply prospectively for annual periods beginning on or after 1 January 2016. Currently, the Company uses the straight-line method for depreciation and amortisation for its property and equipment, and intangible assets respectively.

The directors of the Company do not anticipate that the application of the standard will have a significant impact on the Company's financial statements.

Application of new and revised International Financial Reporting Standards (IFRSs) (Continued)

(iii) Relevant new and revised IFRSs in issue but not yet effective for the year ended 30 June 2016

# Annual Improvements 2010-2012 Cycle

The Annual Improvements to IFRSs 2011-2013 Cycle include a number of amendments to various IFRSs, which are summarised below:

The amendments to IFRS 3 clarify that the standard does not apply to the accounting for the formation of all types of joint arrangement in the financial statements of the joint arrangement itself.

The amendments to IFRS 13 clarify that the scope of the portfolio exception for measuring the fair value of a group of financial assets and financial liabilities on a net basis includes all contracts that are within the scope of, and accounted for in accordance with, IAS 39 or IFRS 9, even if those contracts do not meet the definitions of financial assets or financial liabilities within IAS 32

The amendments to IAS 40 clarify that IAS 40 and IFRS 3 are not mutually exclusive and application of both standards may be required. Consequently, an entity acquiring investment property must determine whether:

- (a) the property meets the definition of investment property in terms of IAS 40; and
- (b) the transaction meets the definition of a business combination under IFRS 3

The directors of the Company do not anticipate that the application of these amendments will have a significant impact on the Company's financial statements.

#### (iv) Early adoption of standards

The company did not early-adopt any new or amended standards in 2016

# Revenue recognition

Revenue is recognised to the extent that it is probable that the economic benefits will flow to the company and the revenue can be reliably measured. Revenue is measured at the fair value of the consideration received or receivable excluding discounts, rebates and sales taxes or duty. The following specific recognition criteria must be met before revenue is recognised:

#### (i) Electricity sales

Electricity sales are recognised on the basis of available capacity and energy sold to the authorised distributor's transmission systems. The Power Purchase Agreements (PPAs) between the Kenya Power and the company stipulate that electricity sales will be agreed upfront on capacity and energy the company is going to produce and transmit during the year. Capacity charge

(Continued)

## 2. ACCOUNTING POLICIES (Continued)

# Revenue recognition (Continued)

#### (i) Electricity sales (Continuation)

is meant to accelerate the company's return on investments so it can focus on future expansion programs in building capacity to meet demand. Energy charge compensates for the electricity produced and sold to the distributor.

Revenue also includes realised foreign exchange adjustments as stipulated in the PPAs.

#### (ii) Interest

Interest income is accrued on a time basis, by reference to the principal outstanding and at the effective interest rate applicable, which is the rate that exactly discounts estimated future cash receipts through the expected life of the financial asset to that asset's net carrying amount on initial recognition.

#### (iii) Rental income

Rental income is accounted for on a straight-line basis over the lease term.

# Foreign currency translation

# (a) Functional and presentation currency

Items included in the financial statements are measured using the currency of the primary economic environment in which the entity operates ('the functional currency'). The financial statements are presented in Kenya Shillings in thousands (Shs) which is the Company's functional currency.

# (b) Transactions and balances

In preparing the financial statements of the company, transactions in currencies other than the company's functional currency (foreign currencies) are recognised at the rates of exchange prevailing at the dates of the transactions. At the reporting date, monetary items denominated in foreign currencies are retranslated at the rates prevailing at that date. Non-monetary items carried at fair value that are denominated in foreign currencies are retranslated at the rates prevailing at the date when the fair value was determined. Non-monetary items that are measured in terms of historical cost in a foreign currency are not retranslated.

Exchange differences on monetary items are recognised in profit or loss in the period in which they arise except for:

- exchange differences on foreign currency borrowings relating to assets under construction for future productive use, which are included in the cost of those assets when they are regarded as an adjustment to interest costs on those foreign currency borrowings;
- exchange differences on transactions entered into in order to hedge certain foreign currency risks; and
- exchange differences on monetary items receivable from or payable to a foreign operation for which settlement is neither
  planned nor likely to occur (therefore forming part of the net investment in the foreign operation), which are recognised
  initially in other comprehensive income and reclassified from equity to profit or loss on repayment of the monetary items.

#### **Taxation**

Income tax expense represents the sum of the tax currently payable and deferred tax.

# (i) Current tax

The tax currently payable is based on taxable profit for the year. Taxable profit differs from profit as reported in the profit or loss because of items of income or expense that are taxable or deductible in other years and items that are never taxable or deductible. The company's liability for current tax is calculated using tax rates that have been enacted or substantively enacted at the reporting date

# (ii) Deferred tax

Deferred tax is recognised on temporary differences between the carrying amounts of assets and liabilities in the financial statements and the corresponding tax bases used in the computation of taxable profit. Deferred tax liabilities are generally recognised for all taxable temporary differences. Deferred tax assets are generally recognised for all deductible temporary differences to the extent that it is probable that taxable profits will be available against which those deductible temporary differences can be utilised. Such deferred tax assets and liabilities are not recognised if the temporary difference arises from goodwill or from the initial recognition (other than in a business combination) of other assets and liabilities in a transaction that affects neither the taxable profit nor the accounting profit.

The carrying amount of deferred tax assets is reviewed at the reporting date and reduced to the extent that it is no longer probable that sufficient taxable profits will be available to allow all or part of the asset to be recovered.

Deferred tax assets and liabilities are measured at the tax rates that are expected to apply in the period in which the liability is settled or the asset realised, based on tax rates (and tax laws) that have been enacted or substantively enacted at the reporting date. The measurement of deferred tax liabilities and assets reflects the tax consequences that would follow from the manner in which the company expects, at the reporting date, to recover or settle the carrying amount of its assets and liabilities.

Deferred tax is recognised in profit or loss, except when they relate to items that are recognised in other comprehensive income or directly in equity, in which case, the deferred tax is also recognised in other comprehensive income or directly in equity respectively. Where current tax or deferred tax arises from the initial accounting for a business combination, the tax effect is included in the accounting for business combination.

(Continued)

# 2. ACCOUNTING POLICIES (Continued)

# Employees' benefits

#### i) Retirement benefits obligations

The company operates a defined benefits scheme and a defined contributions scheme.

Payments to defined contribution retirement benefit plans are recognised as an expense when employees have rendered service entitling them to the contributions.

For defined retirement benefit plans, the cost of providing benefits is determined using the projected unit credit method, with actuarial valuations being carried out at the end of each annual reporting period. Remeasurement, comprising actuarial gains and losses, the effect of the changes to the asset ceiling (if applicable) and the return on plan assets (excluding interest), is reflected immediately in the statement of financial position with a charge or credit recognised in other comprehensive income in the period in which they occur. Remeasurement recognised in other comprehensive income is reflected immediately in retained earnings and will not be reclassified to profit or loss. Past service cost is recognised in profit or loss in the period of a plan amendment. Net interest is calculated by applying the discount rate at the beginning of the period to the net defined benefit liability or asset. Defined benefit costs are categorised as service costs (including current service cost, past service cost, as well as gains and losses on curtailments and settlements), net interest expense or income and remeasurment.

# i) Retirement benefits obligations (continued)

The company presents the first two components of defined benefit costs in profit or loss in the line item of pension costdefined benefit scheme (included in staff costs). Curtailment gains and losses are accounted for as past service costs.

The retirement benefit obligation recognised in the statement of financial position represents the actual deficit or surplus in the company's defined benefit plans. Any surplus resulting from this calculation is limited to the present value of any economic benefits available in the form of refunds from the plans or reductions in future contributions to the plans.

A liability for a termination benefit is recognised at the earlier of when the entity can no longer withdraw the offer of the termination benefit and when the entity recognises any related restructuring costs.

### ii) Other entitlements

The monetary benefits for employees' accrued annual leave entitlement at the reporting date are recognised as a provision.

#### Property, plant and equipment

All categories of property, plant and equipment are initially recorded at cost. Land and buildings, transmission lines and plant and equipment are subsequently shown at fair value on periodic basis, but at least every five year, valuations by external independent valuers less subsequent depreciation for buildings. All other property, plant and equipment is stated at historical cost less depreciation. Historical cost includes expenditure that is attributable to the acquisition of the items.

The initial cost of an asset comprises its purchase price or construction cost, any costs directly attributable to bringing the asset into operation, the initial estimate of the decommissioning obligation and for qualifying assets, borrowing costs. The purchase price or construction cost is the aggregate amount paid and the fair value of any other consideration given to acquire the asset.

Property, plant and equipment in the course of construction for production, supply or administrative purposes are carried at cost, less any recognised impairment loss. Cost includes professional fees and, for qualifying assets, borrowing costs capitalised on qualifying assets. Such items of property, plant and equipment are classified to the appropriate categories of property, plant and equipment when completed and ready for intended use. Depreciation of these assets, on the same basis as other property assets, commences when the assets are ready for their intended use.

Revaluations are performed with sufficient regularity such that the carrying amounts do not differ materially from those that would be determined using fair values at the reporting date. Any increases arising on the revaluation of such plant and machinery is recognised in other comprehensive income and accumulated in equity, except to the extent that it reverses a revaluation decrease for the same asset previously recognised in profit or loss, in which case the increase is credited to profit or loss to the extent of the decrease previously expensed

A decrease in the carrying amount arising on the revaluation of such an asset is recognised in profit or loss to the extent that it exceeds the balance, if any, held in the properties revaluation reserve relating to a previous revaluation of that asset.

All productive wells are capitalized in property, plant and equipment when connected and are depreciated over their useful lives. The useful life is currently estimated to be twenty five years from the date of commencement of commercial operation. The cost of unproductive wells is transferred to the profit or loss in the year in which they are certified complete but unproductive. Where a well ceases to be productive before the end of its expected useful life, the net book value of the well is charged to the profit or loss in the year it ceases to be productive.

(Continued)

# 2. ACCOUNTING POLICIES (Continued)

# **Depreciation**

Depreciation is calculated on the straight-line basis and is recognised so as to write off the cost or valuation of assets (other than freehold land and Work-in progress under construction) less their residual values over their useful lives, using the straight-line method.

#### The annual depreciation rates in use are:

2.85%
2.5%
2%
6.67%
6.67%
4%
5%
6.67%
1%
25%
12.5%
20%

Freehold land is not depreciated and leasehold land is amortised over the lease period.

Residual value, useful life and depreciation methods are reviewed at least annually at the reporting date. Changes in the residual value and expected useful life are accounted for by changing the depreciation charge for the year, and treated as changes in accounting estimates.

Depreciation on revalued assets is recognised in profit or loss and a transfer of excess depreciation is made from the asset revaluation reserve to retained earnings. On the subsequent sale or retirement of a revalued property, the attributable revaluation surplus remaining in the properties revaluation reserve is transferred directly to retained earnings.

An item of property, plant and equipment is derecognised upon disposal or when no future economic benefits are expected to arise from the continued use of the asset. Any gain or loss arising on the disposal or retirement of an item of property, plant and equipment is determined as the difference between the sales proceeds and the carrying amount of the asset and is recognised in profit or loss.

On disposal of revalued assets, amounts in the revaluation surplus relating to that asset are transferred to retained earnings.

Depreciation attributable to the drilling equipment is capitalized and forms part of the cost of direct wells.

# Intangible assets

Intangible assets acquired separately are measured on initial recognition at cost. Following initial recognition, intangible assets are carried at cost less any accumulated amortisation and any accumulated impairment losses. The useful life of the assets depends on the duration of the licences. Intangible assets with finite lives are amortised over the useful economic life and assessed for impairment whenever there is an indication that the intangible asset may be impaired. The amortisation period and the amortisation method for an intangible asset with a finite useful life is reviewed at least at the reporting date. Changes in the expected useful life or the expected pattern of consumption of future economic benefits embodied in the asset is accounted for by changing the amortisation period or method, as appropriate, and are treated as changes in accounting estimates. The amortisation expense on intangible assets with finite lives is recognised in the profit or loss in the expense category consistent with the function of the intangible asset.

An intangible asset is derecognised on disposal, or when no future economic benefits are expected from use or disposal. Gains or losses arising from derecognition of an intangible asset are measured as the difference between the net disposal proceeds and the carrying amount of the asset and are recognised in profit or loss when the asset is derecognised.

# Impairment of tangible and intangible assets excluding goodwill

At each reporting date the company reviews the carrying amounts of its tangible and intangible assets to determine whether there is any indication that those assets have suffered an impairment loss. If any such indication exists, the recoverable amount of the asset is estimated in order to determine the extent of the impairment loss (if any). Where it is not possible to estimate the recoverable amount of an individual asset, the company estimates the recoverable amount of the cash-generating unit to which the asset belongs. Where a reasonable and consistent basis of allocation can be identified, corporate assets are also allocated to individual cash-generating units, or otherwise they are allocated to the smallest company of cash-generating units for which a reasonable and consistent allocation basis can be identified.

Recoverable amount is the higher of fair value less costs to sell and value in use. In assessing value in use, the estimated future cash flows are discounted to their present value using a pre-tax discount rate that reflects current market assessments of the time value of money and the risks specific to the asset for which the estimates of future cash flows have not been adjusted.

If the recoverable amount of an asset (or cash-generating unit) is estimated to be less than its carrying amount, the carrying amount of the asset (or cash-generating unit) is reduced to its recoverable amount. An impairment loss is recognised immediately in profit or loss, unless the relevant asset is carried at a revalued amount, in which case the impairment loss is treated as a revaluation decrease.

(Continued)

# 2. ACCOUNTING POLICIES (Continued)

Impairment of tangible and intangible assets excluding goodwill (Continued)

Where an impairment loss subsequently reverses, the carrying amount of the asset (or a cash-generating unit) is increased to the revised estimate of its recoverable amount, but so that the increased carrying amount does not exceed the carrying amount that would have been determined had no impairment loss been recognised for the asset (or cash-generating unit) in prior years. A reversal of an impairment loss is recognised immediately in profit or loss, unless the relevant asset is carried at a revalued amount, in which case the reversal of the impairment loss is treated as a revaluation increase.

# **Borrowing costs**

Borrowing costs directly attributable to the acquisition, construction or production of qualifying assets, which are assets that necessarily take a substantial period of time to get ready for their intended use or sale, are added to the cost of those assets, until such time as the assets are substantially ready for their intended use or sale.

Investment income earned on the temporary investment of specific borrowings pending their expenditure on qualifying assets is deducted from the borrowing costs eligible for capitalisation.

Capitalised costs include interest charges and foreign currency exchange differences on borrowings for projects under construction to the extent that they are regarded as adjustments to interest rates. All other borrowing costs are recognised in profit or loss in the period in which they are incurred.

#### **Inventories**

Inventories are valued at the lower of cost or net realisable value. Cost is determined on a weighted average basis and comprises expenditure incurred in the normal course of business, including direct material costs. Net realisable value is the price at which the inventory can be realised in the normal course of business after allowing for the costs of realisation. Obsolete and defective inventories are fully written off.

#### **Financial instruments**

Financial assets and financial liabilities are recognised when the company becomes a party to the contractual provisions of the instrument.

Financial assets and financial liabilities are initially measured at fair value. Transaction costs that are directly attributable to the acquisition or issue of financial assets and financial liabilities (other than financial assets and financial liabilities at fair value through profit or loss) are added to or deducted from the fair value of the financial assets or financial liabilities, as appropriate, on initial recognition. Transaction costs directly attributable to the acquisition of financial assets or financial liabilities at fair value

# Financial instruments (Continued)

through profit or loss are recognised immediately in profit or loss.

#### Financial assets

Financial assets are classified into the following specified categories: financial assets 'at fair value through profit or loss' (FVTPL), 'held-to-maturity' investments, 'available-for-sale' (AFS) financial assets and 'loans and receivables'. The classification depends on the nature and purpose of the financial assets and is determined at the time of initial recognition.

# Held-to-maturity investments

Held-to-maturity investments are non-derivative financial assets with fixed or determinable payments and fixed maturity dates that the company has the positive intent and ability to hold to maturity. Subsequent to initial recognition, held-to-maturity investments are measured at amortised cost using the effective interest method less any impairment.

#### Effective interest method

The effective interest method is a method of calculating the amortised cost of a debt instrument and of allocating interest income over the relevant period. The effective interest rate is the rate that exactly discounts estimated future cash receipts (including all fees and points paid or received that form an integral part of the effective interest rate, transaction costs and other premiums or discounts) through the expected life of the debt instrument, or, where appropriate, a shorter period, to the net carrying amount on initial recognition.

#### Available-for-sale financial assets

Available-for-sale financial assets are non-derivative financial assets that are either designated as Available-for-sale financial assets or are not classified as (a) loans and receivables, (b) held-to-maturity investments or (c) financial assets at fair value through profit or loss.

The company has investments in debt securities that are traded in an active market and are stated at fair value at the reporting date. The fair value of available-for-sale debt securities is determined by reference to published price quotations in an active market. Interest income calculated using the effective interest method is recognised in profit or loss except for interest income earned on the temporary investment of specific borrowings pending their expenditure on qualifying assets which is deducted from the borrowing costs eligible for capitalisation.

Fair value changes in the carrying amount of available-for-sale financial assets are recognised in other comprehensive income and accumulated under the heading of investments revaluation reserve. Where the investment is disposed of or is determined to be impaired, the cumulative gain or loss previously accumulated in the investments revaluation reserve is reclassified to profit or loss.

#### Loans and receivables

Loans and receivables are non-derivative financial assets with fixed or determinable payments that are not quoted in an active market. Loans and receivables (including trade and other receivables, bank balances and cash) are measured at amortised cost

(Continued)

# 2. ACCOUNTING POLICIES (Continued)

# Financial instruments (Continued)

Loans and receivables (Continued)

using the effective interest method, less any impairment.

Interest income is recognised by applying the effective interest rate, except for short-term receivables when the recognition of interest would be immaterial.

# Impairment of financial assets

At each reporting date, all financial assets are subject to review for impairment. If it is probable that the company will not be able to collect all amounts due (principal and interest) according to the contractual terms of loans, receivables, or held-to-maturity investments carried at amortised cost, an impairment or bad debt loss has occurred. The carrying amount of the asset is reduced to its estimated recoverable amount either directly or through use of an allowance account. The amount of the loss incurred is dealt with through profit or loss for the period.

For Available-for-sale debt securities, a significant or prolonged decline in the fair value of the security below its cost is considered to be objective evidence of impairment.

For all other financial assets, objective evidence of impairment could include:

- significant financial difficulty of the issuer or counterparty; or
- breach of contract, such as a default or delinquency in interest or principal payments; or
- it becoming probable that the borrower will enter bankruptcy or financial re-organisation; or
- · the disappearance of an active market for that financial asset because of financial difficulties.

For certain categories of financial assets, such as trade receivables, assets that are assessed not to be impaired individually are, in addition, assessed for impairment on a collective basis. Objective evidence of impairment for a portfolio of receivables could include the company's past experience of collecting payments, an increase in the number of delayed payments in the portfolio past the average credit period of 40 days, as well as observable changes in national or local economic conditions that correlate with default on receivables.

For financial assets carried at amortised cost, the amount of the impairment loss recognised is the difference between the asset's carrying amount and the present value of estimated future cash flows, discounted at the financial asset's original effective interest rate.

For financial assets carried at cost, the amount of the impairment loss is measured as the difference between the asset's carrying amount and the present value of the estimated future cash flows discounted at the current market rate of return for a similar financial asset. Such impairment loss will not be reversed in subsequent periods.

The carrying amount of the financial asset is reduced by the impairment loss directly for all financial assets with the exception of trade receivables, where the carrying amount is reduced through the use of an allowance account. When a trade receivable

# Financial instruments (Continued)

Impairment of financial assets (Continued)

is considered uncollectible, it is written off against the allowance account. Subsequent recoveries of amounts previously written off are credited against the allowance account. Changes in the carrying amount of the allowance account are recognised in profit or loss.

When an Available-for-sale financial asset is considered to be impaired, cumulative gains or losses previously recognised in other comprehensive income are reclassified to profit or loss in the period.

For financial assets measured at amortised cost, if, in a subsequent period, the amount of the impairment loss decreases and the decrease can be related objectively to an event occurring after the impairment was recognised, the previously recognised impairment loss is reversed through profit or loss to the extent that the carrying amount of the investment at the date the impairment is reversed does not exceed what the amortised cost would have been had the impairment not been recognised.

In respect of Available-for-sale debt securities, impairment losses are subsequently reversed through profit or loss if an increase in the fair value of the investment can be objectively related to an event occurring after the recognition of the impairment loss.

#### Derecognition of financial assets

The company derecognises a financial asset only when the contractual rights to the cash flows from the asset expire, or when it transfers the financial asset and substantially all the risks and rewards of ownership of the asset to another entity. If the company neither transfers nor retains substantially all the risks and rewards of ownership and continues to control the transferred asset, the company recognises its retained interest in the asset and an associated liability for amounts it may have to pay. If the company retains substantially all the risks and rewards of ownership of a transferred financial asset, the company continues to recognise the financial asset and also recognises a collateralised borrowing for the proceeds received.

On derecognition of a financial asset in its entirety, the difference between the asset's carrying amount and the sum of the consideration received and receivable and the cumulative gain or loss that had been recognised in other comprehensive income and accumulated in equity is recognised in profit or loss.

On derecognition of a financial asset other than in its entirety (e.g. when the company retains an option to repurchase part of a transferred asset or retains a residual interest that does not result in the retention of substantially all the risks and rewards of ownership and the company retains control), the company allocates the previous carrying amount of the financial asset between the part it continues to recognise under continuing involvement, and the part it no longer recognises on the basis of the relative fair values of those parts on the date of the transfer. The difference between the carrying amount allocated to the part that is no longer recognised and the sum of the consideration received for the part no longer recognised and any cumulative gain or loss allocated to it that had been recognised in other comprehensive income is recognised in profit or loss. A cumulative gain or loss that had been recognised in other comprehensive income is allocated between the part that

(Continued)

# 2. ACCOUNTING POLICIES (Continued)

continues to be recognised and the part that is no longer recognised on the basis of the relative fair values of those parts. **Financial liabilities and equity instruments** 

# Classification as debt or equity

Debt and equity instruments issued by the company are classified as either financial liabilities or as equity in accordance with the substance of the contractual arrangements and the definitions of a financial liability and an equity instrument.

# Equity instruments

An equity instrument is any contract that evidences a residual interest in the assets of an entity after deducting all of its liabilities. Equity instruments issued by the company are recognised at the proceeds received, net of direct issue costs.

#### Financial liabilities

Financial liabilities are classified as either financial liabilities 'at fair value through profit or loss' or 'other financial liabilities'.

#### Other financial liabilities

Other financial liabilities (including borrowings) are subsequently measured at amortised cost using the effective interest method.

The effective interest method is a method of calculating the amortised cost of a financial liability and of allocating interest expense over the relevant period. The effective interest rate is the rate that exactly discounts estimated future cash payments (including all fees and points paid or received that form an integral part of the effective interest rate, transaction costs and other premiums or discounts) through the expected life of the financial liability, or (where appropriate) a shorter period, to the net carrying amount on initial recognition.

## Derecognition of financial liabilities

The company derecognises financial liabilities when, and only when, the company's obligations are discharged, cancelled or they expire. The difference between the carrying amount of the financial liability derecognised and the consideration paid and payable is recognised in profit or loss.

#### Accounting for leases

Leases are classified as finance leases whenever the terms of the lease transfer substantially all the risks and rewards of ownership to the lessee. All other leases are classified as operating leases.

#### The company as lessor

Rental income from operating leases is recognised on a straight-line basis over the term of the relevant lease. Initial direct costs incurred in negotiating and arranging an operating lease are added to the carrying amount of the leased asset and recognised

# Financial liabilities and equity instruments

on a straight-line basis over the lease term.

The company as lessee

Operating lease payments are recognised as an expense on a straight-line basis over the lease term, except where another systematic basis is more representative of the time pattern in which economic benefits from the leased asset are consumed. Contingent rentals arising under operating leases are recognised as an expense in the period in which they are incurred.

In the event that lease incentives are received to enter into operating leases, such incentives are recognised as a liability. The aggregate benefit of incentives is recognised as a reduction of rental expense on a straight-line basis, except where another systematic basis is more representative of the time pattern in which economic benefits from the leased asset are consumed.

#### Dividends on ordinary shares

Dividends on ordinary shares are recognised as a liability and deducted from retained earnings when approved by the company's shareholders. Interim dividends are deducted from retained earnings when they are declared and no longer at the discretion of the company.

#### Grants

Government grants are not recognised until there is reasonable assurance that the company will comply with the conditions attaching to them and that the grants will be received.

Government grants are recognised in profit or loss on a systematic basis over the periods in which the company recognises as expenses the related costs for which the grants are intended to compensate. Specifically, government grants whose primary condition is that the company should purchase, construct or otherwise acquire non-current assets are recognised as deferred revenue in the statement of financial position and transferred to profit or loss on a systematic and rational basis over the useful lives of the related assets.

Government grants that are receivable as compensation for expenses or losses already incurred or for the purpose of giving immediate financial support to the company with no future related costs are recognised in profit or loss in the period in which they become receivable.

# **Provisions**

Provisions are recognised when the company has a present obligation (legal or constructive) as a result of a past event, it is probable that an outflow of resources embodying economic benefits will be required to settle the obligation and a reliable estimate can be made of the amount of the obligation.

(Continued)

# 2. ACCOUNTING POLICIES (Continued)

# Capitalisation of employee costs

The employee costs directly and indirectly attributable to projects associated with development of power generating resources are capitalised. Capitalisation rates are based on estimated time and effort spent on the related project activities

#### Cash and cash equivalents

In the statement of cash flows, cash and cash an equivalent includes cash in hand, deposits held at call with banks and other short term highly liquid investments with original maturities of three months or less, net of bank overdrafts.

#### 3. CRITICAL ACCOUNTING ESTIMATES AND JUDGEMENTS

In the application of the company's accounting policies, which are described in note 2, the directors are required to make judgements, estimates and assumptions about the carrying amounts of assets and liabilities that are not readily apparent from other sources. The estimates and associated assumptions are based on historical experience and other factors that are considered to be relevant. Actual results may differ from these estimates.

The estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognised in the period in which the estimate is revised if the revision affects only that period, or in the period of the revision and future periods if the revision affects both current and future periods.

# a) Critical judgements in applying the company's accounting policies

The following are the critical judgements, apart from those involving estimations (see 3 (b) below), that the directors have made in the process of applying the company's accounting policies and that have the most significant effect on the amounts recognised in the financial statements.

#### Held-to-maturity financial assets

The directors have reviewed the company's held-to-maturity financial assets in the light of its capital maintenance and liquidity requirements and have confirmed the company's positive intention and ability to hold those assets to maturity. The carrying amount of the held-to-maturity financial assets is Sh 2,420 million (30 June 2015: Sh 2,426 million). Details of these assets are set out in Note 19.

#### Deferred tax assets

Deferred tax assets are recognised for all unused tax losses to the extent that it is probable that taxable profit will be available against which the losses can be utilised. Significant management judgment is required to determine the amount of deferred tax assets that can be recognised, based upon the likely timing and level of future taxable profits together with future tax planning strategies. Disclosure on recoverability is set out in Note 29

# 3. CRITICAL ACCOUNTING ESTIMATES AND JUDGEMENTS (CONTINUED)

a) Critical judgements in applying the company's accounting policies (Continued)

#### Capitalization of staff and other costs

Project related costs including employee costs are capitalised. The rates applied in capitalising the employee costs are based on estimated time spent on the capital projects. Significant judgement is required in determining capitalisation rates to be applied on indirect staff costs. Disclosure of capitalised costs is set out on note 8.

#### Revaluation of power plants

Power plants are stated at fair value. Revaluations are performed by professional valuers at sufficient regularity such that the carrying amounts do not differ materially from those that would be determined using fair values at the reporting date. At the reporting date, the directors assess the carrying amount of revalued property, plant and equipment and apply judgement to determine that these do not differ materially from that which would be determined using fair values at 30 June 2016.

# Classification of leases of land as finance or operating leases

At the inception of each lease of land or building, the Company considers the substance rather than the form of the lease contract. Examples of situations that individually or in combination would normally lead to a lease being classified as a finance lease are:

- The lease transfers ownership of the asset to the lessee by the end of the lease term; The lessee has the option to purchase the asset at a price that is expected to be sufficiently lower than the fair value at the date the option becomes exercisable for it to be reasonably certain, at the inception of the lease, that the option will be exercised;
- The lease term is for the major part of the economic life of the asset even if title is not transferred;
- At the inception of the lease the present value of the minimum lease payments amounts to at least substantially all of the fair value of the leased asset; and
- · The leased assets are of such a specialised nature that only the lessee can use them without major modifications.

The Company also considers indicators of situations that individually or in combination could also lead to a lease being classified as a finance lease. Examples of such indicators include:

- · If the lessee can cancel the lease, the lessor's losses associated with the cancellation are borne by the lessee;
- gains or losses from the fluctuation in the fair value of the residual accrue to the lessee (for example, in the form of a rent rebate equalling most of the sales proceeds at the end of the lease); and
- the lessee has the ability to continue the lease for a secondary period at a rent that is substantially lower than market rent.

(Continued)

# 3. CRITICAL ACCOUNTING ESTIMATES AND JUDGEMENTS (CONTINUED)

#### b) Key sources of estimation uncertainty

#### Useful lives of property, plant and equipment

The company reviews the estimated useful lives of property, plant and equipment at the reporting date. The useful lives of the plants are then used in establishing the contracts that the company enters into under the Power Purchase Agreements.

# Impairment losses

At the reporting date, the company reviews the carrying amounts of its property, plant & machinery, tangible and intangible assets to determine whether there is any indication that those assets have suffered an impairment loss. If any such indication exists, the recoverable amount of the asset is estimated in order to determine the extent of the impairment loss.

Where it is not possible to estimate the recoverable amount of an individual asset, the company estimates the recoverable amount of the cash generating unit to which the asset belongs. Any impairment losses are recognised as an expense immediately. Where an impairment loss subsequently reverses, the carrying amount of the asset is increased to the revised estimate of its recoverable amount. A reversal of an impairment loss, other than that arising from goodwill, is recognised as income immediately.

# Impairment of available-for-sale financial assets

The company classifies certain assets as available-for-sale and recognises movements in their fair value through other comprehensive income. The company treats available-for-sale investments as impaired when there has been a significant or prolonged decline in the fair value below its cost or where other objective evidence of impairment exists. The determination of what is 'significant' or 'prolonged' requires judgement. When the fair value declines, management makes assumptions about the decline in value to determine whether it is an impairment that should be recognised in the profit and loss account.

# Actuarial valuation of defined benefits plan

The asset or liability due under the defined benefit pension plan is determined using actuarial valuation. The actuarial valuation involves making assumptions about discount rates, expected rates of return on assets, future salary increases, mortality rates and future pension increases. Due to the long term nature of these plans, such estimates are subject to significant uncertainty.

# NOTES TO THE FINANCIAL STATEMENTS (Continued)

	2016 Shs'000	2015 Shs'000
REVENUE		
Revenue by Tariff		
Electricity sales:-		
- Capacity charges revenue(note 4(a))	21,262,250	19,101,902
- Energy revenue(Note (4b))	7,671,318	6,205,882
- Foreign currency adjustment	609,920	294,254
	29,543,488	25,602,038
a) Capacity Revenue		
Hydro	7,674,181	7,676,460
Geothermal	10,303,438	8,260,272
Thermal	3,284,631	3,165,170
	21,262,250	19,101,902
b) Energy Revenue		
Hydro	1,513,752	1,367,981
Geothermal	5,182,762	3,929,799
Thermal	514,632	601,908
Wind	460,172	306,194
	7,671,318	6,205,882

(Continued)

# 5. STEAM REVENUE

The Company entered into a long term steam resources and maintenance contract with Geothermal Development Company Limited (GDC) thereby enabling the recovery of steam field maintenance and operating costs based on agreed method of determination. The Company also generates steam revenue from own wells.

Steam revenue – pass through*	2016 Shs'000	2015 Shs'000
Third party steam revenue current year (a) – pass through Third party steam cost recovery arrears (2012-2015)** KenGen Steam (b)	4,614,059 1,332,986 908,973	3,689,361 - -
	6,856,018	3,689,361
(a) Current year third party steam net income - pass through Steam revenue - pass through Steam costs - pass through	4,614,059 (3,167,173)	3,689,361 (3,689,361)
Net steam field maintenance revenue	1,446,886	-
(b) KenGen Steam Steam revenue for current year Steam revenue arrears (2012-2015)**	628,621 280,352	- -
	908,973	-

<sup>\*</sup> Steam field maintenance revenue represents tariff charged by the Company to cover investment, operation and maintenance of geothermal wells connected to the power plants. The tariff is charged as part of electrical energy sold to Kenya Power pursuant to provisions of signed Power Purchase Agreements (PPAs) relating to Olkaria Power Plants and Wellheads. On 3 September 2015, the Company entered into a contract with Geothermal Development Company (GDC) for operation and maintenance of geothermal wells owned by GDC. The Company recovers geothermal steam field maintenance costs. The steam charge accrued to GDC was Shs 3,167 million (2015: Shs 3,689) which has been recognised under expenses in profit or loss

Steam field costs attributed to the steam revenue are included as part of the depreciation and employee expenses for the year.

<sup>\*\*</sup>The agreement between KenGen and GDC was signed on 3 September 2015 but it is effective June 2012 and therefore the deferred income to June 2015 has been recognised in the profit or loss in the current year.

	2016 Shs'000	2015 Shs'000
OTHER INCOME		
Contracts/Consultancy Services	1,501,991	
Gain on disposal of property, plant and equipment	7,217	13,645
Insurance Compensation <sup>2</sup>	331,800	300,439
Miscellaneous income	76,929	84,91
Net fuel pass-through (Note 6 (a))	(78,837)	109,167
Management fees from Emergency Power Project <sup>3</sup> (Note 33)	27,587	24,859
Other gains and losses (6c )	343,363	41,317
Carbon Credits	-	91,564
	2,210,050	665,902

<sup>&</sup>lt;sup>1</sup>During the year, the Company entered into a contract to drill two commercial wells for Akiira Company Limited in Olkaria and earned income of Shs 1,501 million.

<sup>3</sup>The management fees represent the income earned of United States cents 0.75 per Kwh for managing Emergency Power Project in Muhoroni and Garissa on behalf of the Government which are operated by Aggreko International.

This year no income was earned under the Carbon emmissions agreement.

	2016 Shs'000	2015 Shs'000
(a) Net fuel pass-through <sup>4</sup>		
Fuel pass-through revenue	3,182,623	7,238,204
Fuel pass-through costs	(3,261,460)	(7,129,037)
	(78,837)	109,167
(b) Net water charges pass-through <sup>5</sup>		
Water charges pass-through revenue	329,079	375,341
Water charges pass-through costs	(329,079)	(375,341)
	-	-

<sup>&</sup>lt;sup>2</sup>The Company received insurance compensation for Garissa Power Station and Wellhead cooling towers after a fire incident that occurred in 2014.

	2016 Shs'000	2015 Shs'000
OTHER INCOME (CONTINUED)		
(c) Other gains and losses		
Foreign exchange gains on other monetary	349,243	46,676
Cumulative loss reclassified from equity on disposal of		
available-for-sale investments (Note 19 (c))	-	(51,314)
Gain on disposal of available-for-sale investments (Note 19 (c))	-	3,837
Capitalised losses on disposal of available-for-sale investments	-	47,477
Amortisation of held to maturity investments (Note 19(b))	(5,880)	(5,359)
Unrealized foreign exchange gains on revaluation of borrowings (Note 18(a))	(8,337,737)	(668,722)
Recoverable foreign exchange differences (Note 18 (a))	8,337,737	668,722
	343,363	41,317

<sup>&</sup>lt;sup>4</sup> In line with the provisions of the Power Purchase Agreements, the company is reimbursed by Kenya Power for fuel costs incurred in the production of thermal electricity based on pre-agreed plant fuel usage. The net fuel pass-through income therefore represents the fuel usage efficiency which varies with working condition of the thermal power generating plants, because the machines are presently new. As the plants get old, the net fuel pass through is expected to be a charge to the income statement. During the year the load factor declined by 10% leading to lower efficiencies. In addition, there were some fuel pricing alterations which occurred in the prior year that were confirmed in the current year.

<sup>5</sup>The Water Resource Management Rules 2007 (Water Regulations) was Gazetted by the Government through legal notice No. 171 of September 2007. The regulation provided for water use charge at the rate of 0.05 Shs/kWh for power plants with capacity of over IMW. With approval from the Energy Regulatory Commission, the company is reimbursed by Kenya Power for the cost of water charges as a pass-through.

		2016 Shs'000	2015 Shs'000
7.	INTEREST INCOME		
	Treasury bonds	282,795	283,290
	Other receivables	7,599	5,462
	Banks and other financial institutions	189,451	39,865
	Kenya Power	76,263	30,465
		556,108	359,082

EXPENSES	2016 Shs'000	2015 Shs'000
(a)Employee Expenses		
The following items are included in the employee benefit expense		
Salaries, wages and other staff costs	6,153,744	5,570,265
Retirement benefit cost:		
- Post employment benefit (Note 28(a))	(170,216)	(130,680
- Defined contribution scheme	440,035	387,567
- National social security fund	5,835	5,804
	6,429,398	5,832,956
Less: Capitalised costs*	(2,040,108)	(1,670,672
	4,389,290	4,162,284

<sup>\*</sup>The employee expenses incurred and attributable to implementation of capital projects are capitalised in line with the Company accounting policy disclosed under Note 2

Company accounting policy disclosed under Note 2	2016 Numbers	2015 Numbers
The number of persons employed by the Company at the year end was:	1.420	1.420
- Operational staff	1,638	1,638
- Geothermal Resource Assessment and Other projects staff	768	769
	2,406	2,407
	2016	2015
	Shs'000	Shs'000
(b) Operating Expenses		
Plant operation and maintenance	1,624,005	1,386,081
Welfare and benefits	469,267	346,238
Training expenses	187,006	91,478
Insurance	669,049	661,107
Catchment preservation and dam maintenance	107,000	107,000
Transport and travelling costs	425,439	391,560
Consultants fees	44,048	47,466
Office expenses	321,201	264,110
Provision for bad debts	245,707	57,921
Impairment provision for capital projects	-	482,281
Legal and statutory expenses	117,078	59,601
Corporate Social Responsibility	205,136	191,399
Director's Expenses	58,727	49,540
Advertising	42,080	75,602
Other costs	42,835	73,738
	4,558,578	4,285,122

. EXPENSES (CONTINUED)	2016 Shs'000	2015 Shs'000
(c) Depreciation and amortization Depreciation (Note 13) Less: amount capitalised*	10,706,396 (598,368)	6,846,125 (454,948)
	10,108,028	6,391,177
Amortization - Prepaid leases on leasehold land* (Note 14) Less: amount capitalized*	41,639 (3,537)	14,463 (63)
	38,102	14,400
- Intangible assets- software (Note 15)	77,240	73,368
Total depreciation and amortisation charge for the year	10,223,370	6,478,945

<sup>\*</sup>The depreciation relating to drilling rigs and other equipment are capitalised as part of the cost of the wells in accordance with the Company accounting policy disclosed under (Note 2)

# 9. FINANCE COSTS

	2016 Shs'000	2015 Shs'000
Interest on borrowings Less: capitalised interest	5,159,212 (2,027,025)	4,856,825 (1,846,166)
	3,132,187	3,010,659
10. PROFIT BEFORE TAX		
Profit before tax is arrived at after charging: Depreciation on property, plant and equipment (Note 8(c)) Compensating tax	10,108,028 2,431,022	6,391,177 -
Amortisation of intangible assets (Note 8(c))  Amortisation of prepaid lease (Note 8(c))  Directors' emoluments: fees - executive	77,240 38,102	73,368 14,400
<ul> <li>fees – non-executive (Note 17(e))</li> <li>other emoluments executive</li> <li>other emoluments non-executive (Note17(e))</li> </ul>	6,000 22,969 14,516	6,000 21,242 14,804
Auditor's remuneration Operating lease rentals Interest on borrowings (Note 9)	7,200 248,763 3,132,187	5,937 198,182 3,010,659
And after crediting: Interest income (Note 7)	(556,108)	(359,082)

# NOTES TO THE FINANCIAL STATEMENTS (Continued)

II. CURRENT INCOME TAX EXPENSE	2016 Shs'000	2015 Shs'000
(a) Taxation charge/(credit) Interest taxed as a separate source of income Deferred tax charge/(credit) (Note 29)	100,096 4,420,456	77,950 (2,905,265)
	4,520,552	(2,827,315)
(b) Reconciliation of expected tax based on profit before taxation to taxation charge/(credit)		
Profit before taxation	11,264,044	8,690,012
Tax applicable rate of 30% Tax effect of income not subject to tax Tax effect of capital allowances exceeding 100% of cost Tax effect of expenses not deductible for tax purposes	3,379,212 (2,082) - 1,143,422	2,607,004 (4,293) (6,995,910) 1,565,884
Total taxation charge /(credit)	4,520,552	(2,827,315)
(c) Corporate tax movement		
Balance brought forward Interest taxed as a separate source of income (Note II(a)) Paid during the year	140,843 100,096 (182,276)	414,875 77,950 (351,982)
At end of year	58,663	140,843

(Continued)

# 12. EARNINGS PER SHARE

Basic earnings per share is calculated by dividing the net profit attributable to ordinary shareholders by the weighted average number of ordinary shares outstanding during the year prior to the rights issue.

Diluted earnings per share for the year is calculated by dividing the net profit attributable to ordinary shareholders by the number of ordinary shares outstanding at end of the year subsequent to the rights issue.

The 30 June 2015 diluted earnings per share is based on conversion of all the dilutive potential ordinary shares into ordinary shares which was to issue two additional shares for every one held.

The following reflects the earnings and the share data used in the basic and diluted earnings per share computations:

	2016 Shs'000	2015 Shs'000
Profit attributable to ordinary shareholders for basic earnings (in Shs'000)	6,743,492	11,517,327
Number of ordinary shares in issue during the year used in the calculation of the basic earnings per share  Number of ordinary shares in issue at end of year used in the calculation of diluted earnings per share	2,198,361,456 6,243,873,779	2,198,361,456 6,595,084,368
Basic earnings per share (Shs) Diluted earnings per share (Shs)	3.07 1.08	5.24 1.75

# 13. PROPERTY, PLANT AND EQUIPMENT

	Freehold land and buildings Shs'000	Transmission lines Shs'000	Plant and machinery Shs'000	Motor vehicles Shs'000	Furniture, equipment and fittings Shs'000	Work- in- progress Shs'000	Total Shs'000
COST OR VALUATION							
At 1 July 2014 Additions Capitalised interest Depreciation capitalised (Not Transfers from WIP Disposals	25,021,069 - - e 8) - 13,553,746	739,112 - - - 1,724,124	123,575,086 - - - - 45,786,574	1,411,642 - - - 151,441 (87,890)	3,722,221 - - - 518,924 (16,919)	102,369,968 25,385,357 1,846,166 454,948 (61,734,809)	256,839,098 25,385,357 1,846,166 454,948 - (104,809)
Impairment for capital project Revaluation adjustment	(4,407,001)	-	- - 29,684,357	(07,070)	(10,717)	(482,281)	(482,281) 25,277,356
At 30 June 2015	34,167,814	2,463,236	199,046,017	1,475,193	4,224,226	67,839,349	309,215,835
Comprising At cost At valuation 2015 At valuation 2005	38,574,815 (4,407,001) -	2,463,236 - -	135,215,158 29,684,357 34,146,502	1,475,193 - -	3,849,904 - 374,322	67,839,349 - -	249,417,655 25,277,356 34,520,824
	34,167,814	2,463,236	199,046,017	1,475,193	4,224,226	67,839,349	309,215,835
At 1 July 2015 Additions Capitalised interest Depreciation capitalised Transfers from WIP Reclassification of revaluation su Disposals	34,167,814 - - - 130,179 rplus 8,790,893 (164,985)	2,463,236 - - - - - 1,233,020	199,046,017 - - - 1,333,969 (10,814,093)	1,475,193 - - - - 247,134 - (31,403)	4,224,226 - - - 28,318 (374,322)	67,839,349 24,919,882 2,027,025 598,368 (1,739,600) -	309,215,835 24,919,882 2,027,025 598,368 - (1,164,502) (196,388)
At 30 June 2016	42,923,901	3,696,256	189,565,893	1,690,924	3,878,222	93,645,024	335,400,220
Comprising At cost At valuation 2015	38,540,009 4,383,892	2,463,235 1,233,021	l 36,487,499 53,078,394	1,690,924 -	3,878,222	93,645,024 -	276,704,913 58,695,307
	42,923,901	3,696,256	189,565,893	1,690,924	3,878,222	93,645,024	335,400,220

# 13. PROPERTY, PLANT AND EQUIPMENT (Continued)

	Freehold land and buildings Shs'000	Transmission lines Shs'000	Plant and machinery Shs'000	Motor vehicles Shs'000	Furniture, equipment and fittings Shs'000	Work- in- progress Shs'000	Total Shs'000
Depreciation							
At I July 2014	6,713,861	61,625	37,603,168	815,014	2,409,609	-	47,603,277
Charge for year	937,085	108,107	5,255,395	193,886	351,652	-	6,846,125
Eliminated on disposal	-	-	-	(86,030)	(16,792)	-	(102,822)
Write back on revaluation	(7,650,946)	-	(42,858,563)	-	-	-	(50,509,509)
At 30 June 2015	-	169,732	-	922,870	2,744,469	-	3,837,071
At 1 July 2015	-	169,732	-	922,870	2,744,469	-	3,837,071
Charge for year	1,313,692	163,021	8,664,659	242,989	322,035	-	10,706,396
Reclassification	931,636	(84,520)	(733,944)	384	(157,912)	-	(44,356)
Disposals	(2,941)	<del>-</del>		(28,930)		-	(31,871)
At 30 June 2016	2,242,387	248,233	7,930,715	1,137,313	2,908,592	-	14,467,240
Net book value							
At 30 June 2016	40,681,514	3,448,023	181,635,178	553,611	969,630	93,645,024	320,932,980
At 30 June 2015	34,167,814	2,293,504	199,046,017	552,323	1,479,757	67,839,349	305,378,764
Net book value (Cost basis)							
At 30 June 2016	29,578,310	2,130,483	84,919,570	305,911	794,926	93,876,754	211,605,974
At 30 June 2015	30,760,863	2,293,504	104,631,644	552,323	1,480,093	67,839,349	207,557,776

# 13. PROPERTY, PLANT AND EQUIPMENT (CONTINUED)

Plant and machinery was revalued by independent valuers, Aon Global Risk valuers, as at 30 June 2015, on a depreciated replacement cost basis and represents the plant and machinery's highest and best use. The land and buildings was valued by Gimco Limited as at 31 December 2013. The valuation reports were adopted by the company in the financial statements for the year ended 30 June 2015.

The company land is located in the following locations:

•	Olkaria	•	Turkwel	•	Mesco
•	Gitaru	•	Sosiani	•	Garissa
•	Kiambere	•	Gogo	•	Lamu
•	Kamburu	•	Wanjii	•	Kipevu I and III
•	Kindaruma	•	Tana	•	Sondu Miriu
•	Masinga	•	Sagana		
•	Sangoro	•	Ndula		

If the freehold land, buildings and plant and machinery were stated on the historical cost basis, the amounts would be as follows:

	2016 Shs'000	2015 Shs'000
Cost	177,490,743	176,253,209
Accumulated depreciation	(39,686,158)	(38,567,198)
Net book amount	137,804,585	137,686,011
. LONG TERM LEASES ON LEASEHOLD LAND		
Cost		
At start of year	3,223,658	1,060,759
Additions	-	772,716
Reclassification of revaluation Surplus	977,289	1,390,183
At end year	4,200,947	3,223,658
Amortisation		
At start of year	-	12,387
Prepaid lease amortization for the year	41,639	14,463
Write back on revaluation	8,635	(26,850)
At end of year	50,274	-
Net book value		
At end of year	4,150,673	3,223,658

(Continued)

## 14. LONG TERM LEASES ON LEASEHOLD LAND (CONTINUED)

This relates to leases on land that is under use by the Company countrywide mainly hosting power plants. The leases carry different lease periods and lease amounts, depending on when the land was leased.

The land is leased from the Government of Kenya and other Government Agencies under renewable leases. The lease periods range from between 50 years to 99 years. Leases are renewed as they expire. Where leases have expired in the past, all have been renewed without any complications and no renewal complications are expected in the foreseeable future.

The Company's leasehold land was revalued on 30 June 2015 by Gimco Limited, a firm of independent valuers, on the existing market value basis.

If the long term leasehold land was stated on the historical cost basis, the amounts would be as follows:

	2016 Shs'000	2015 Shs'000
Cost		
Cost	1,833,475	1,833,475
Accumulated depreciation	(41,313)	(26,850)
Net book amount	1,792,162	1,806,625
15. INTANGIBLE ASSETS		
Cost		
At start of year	1,376,189	1,246,418
Additions	10,444	129,771
- Reclassification of revaluation	125,584	-
- Depreciation write back on revaluation	(124,109)	-
At end of year	1,388,108	1,376,189
Amortization		
At start of year	253,737	180,369
Charge for the year	77,240	73,368
Depreciation write back on revaluation	(124,110)	-
	206,867	253,737
At end of year	1,181,241	1,122,452

Intangible assets relate to costs incurred towards the installation of software and related operating systems mainly SCADA. Amortisation has been charged on these assets from the time they became available for use. The SCADA was valued on the basis of depreciated replacement costs taking into account its expected useful life.

#### **15. INTANGIBLE ASSETS**

If the intangible assets were stated on the historical cost basis, the amounts would be as follows:

	2016 Shs'000	2015 Shs'000
Cost Accumulated depreciation	1,386,633 (330,977)	1,376,189 (253,737)
Net book amount	1,055,656	1,122,452
16. TRADE RECEIVABLES		
Due from Kenya Power  Due from Kenya Power – deferred debt  Recoverable foreign exchange adjustment (Note 18 (a))	9,304,113 43,298 698,229	8,047,705 35,100 633,872
	10,045,640	8,716,677

#### 17. RELATED PARTIES

The company is 73% controlled by the Government of Kenya. The remaining 27% of the shares are widely held by the public. Parties are considered to be related if one party has the ability to control the other or exercise significant influence over the other party in making financial or operational decisions.

The Company's main related parties are the Government of Kenya - Kenya Power and Lighting Company Limited (Kenya Power), Geothermal Development Company Limited (GDC), Ministry of Energy & Petroleum and National Treasury.

# (a) Kenya Power

Kenya Power is the authorised electricity distributor in Kenya with its majority shareholder being the Government of Kenya.

(i) The amounts due from Kenya Power relate to outstanding balances at year end for sale of electricity.

	2016 Shs'000	2015 Shs'000
Amount due from Kenya Power	9,304,113	8,047,705

# (ii) Deferred debt due from Kenya Power

Deferred debt relates to the amounts recoverable from Kenya Power in respect of the debt incurred in the construction of the Sondu Miriu project implemented by the Company on behalf of Kenya Power under a management agreement. Japan Bank for International Corporation funded the foreign component of the Sondu Miriu project under the loan agreement between the Japan Bank for International Corporation and the Company. The debt is payable over a period of 30 years commencing 15 August 2014. The effective interest rate in Japanese Yen on the deferred debt during the year was 0.75% (2015: 0.75%).

(Continued)

# 17. RELATED PARTIES (CONTINUED)

The deferred debt and corresponding loan from Japan Bank for International Corporation are both denominated in Japanese Yen (JPY). The amount outstanding as at year end was JPY 1,254,061,339 (2015: JPY 1,210,012,162). The deferred debt due from Kenya Power at end of year is as follows:

	2016 Shs'000	2015 Shs'000
Current portion	43,297	35,100
Non-current portion	1,147,368	965,266
	1,190,665	1,000,366
(iii) During the year the following transactions were carried out with Kenya Power;		
Electricity sales to Kenya Power	28,933,568	25,307,784
Foreign exchange recovery	609,920	294,254
Interest income on amounts due from Kenya Power	75,521	30,465
Fuel pass-through	3,182,622	7,238,204
Water charges pass-through	329,079	375,341
Steam charges pass-through	5,242,679	3,689,361
	38,373,389	36,935,409
Electricity purchases from Kenya Power	337,258	343,155

The sales to Kenya Power are made in accordance with the signed Power Purchase Agreements whereas the purchases from Kenya Power are made at normal market prices. Outstanding balances at end of year are unsecured and have credit period of 40 days.

# (b) Geothermal Development Company Limited (GDC)

Geothermal Development Company Limited is wholly owned by the Government of Kenya and its principal activities are the development of geothermal resources in Kenya through surface exploration and drilling for steam and to avail steam power to developers for electricity generation.

	2016 Shs'000	2015 Shs'000
(i) Amount due from GDC	279,637	-
(ii) Amount due to GDC	487,098	1,445,055
(iii) Steam field maintenance pass through revenue (Note 5)	3,167,173	3,689,361

# 17. RELATED PARTIES (CONTINUED)

	2016 Shs'000	2015 Shs'000
(c) National Treasury Amount due from National Treasury (Note 22)	21,807	5,821,272
(d) Staff advances Amounts due from staff The company, through the welfare and benefits scheme, provides staff with financial support.	54,169	103,580
(e) Director and key management compensation		
Fees for services as a Director Non-Executive Directors	6,000	6,000
Other emoluments: Salaries and other short-term employment benefits: Executive Directors and key management	105,285	115,858
Other allowances: Non-Executive Directors	14,516	14,804
Total other emoluments	119,801	130,662
Total fees and other emoluments	125,801	136,662

#### **18. NONCURRENT RECEIVABLES**

Recoverable foreign exchange adjustment relates to unrealised exchange differences on foreign denominated borrowings recoverable from Kenya Power when realised. The Power Purchase Agreement ("PPA") with Kenya Power, allows the company to bill and recover all realised foreign currency fluctuations relative to the base rates allowed by the PPA. The amount in the statement of financial position relates to unrealised exchange differences arising on retranslation of borrowings at the reporting date which are recoverable from Kenya Power.

The movement in recoverable foreign exchange adjustment is as follows:

	2016 Shs'000	2015 Shs'000
Recoverable foreign exchange adjustment Due from Kenya Power deferred debt (Note 17)	13,890,353 1,147,368	6,242,228 965,266
	15,037,721	7,207,494

# (Continued)

# 18. NONCURRENT RECEIVABLES (CONTINUED)

	2016 Shs'000	2015 Shs'000
Due from Kenya Power		
At start of the year	6,876,100	6,657,924
Unrealised exchange gains in the year (Note 25(d))	8,337,737	668,722
Realised exchange gains on loan repayment (Note (25(d))	(625,256)	(450,546
At end of the year	14,588,581	6,876,100
Less current portion	(698,229)	(633,872)
Non-current portion	13,890,352	6,242,228
TREASURY BONDS		
(i) Analysis of treasury bonds		
Available-for-sale treasury bonds carried at fair value	322,031	341,803
Held-to-maturity treasury bonds carried at amortised cost	2,420,560	2,426,440
	2,742,591	2,768,243
Maturity analysis of treasury bonds		
- Within one year	322,031	341,803
- After five years	2,420,560	2,426,440
	2,742,591	2,768,243
Less: current portion	(322,031)	(341,803)
Non-current	2,420,560	2,426,440
Weighted average interest rate	11.25%	11.14%
(a) Management in transport in		
(c) Movement in treasury bonds  Available-for-sale	Hold to motunity	Total
Shs'000	Shs'000	Shs'000
30 June 2016		
At start of year 341,803	2,426,440	2,768,243
Fair value gain (19,772)	-	(19,772)
Amortisation -	(5,880)	(5,880)
At end of year 322,031	2,420,560	2,742,591

# 19. TREASURY BONDS (CONTINUED)

	Available-for-sale Hel Shs'000	d-to-maturity Shs'000	Total Shs'000
30 June 2015			
At start of year	594,769	2,431,799	3,026,568
Disposals	(255,236)	-	(255,236)
Fair value gain	2,270	-	2,270
Amortisation	-	(5,359)	(5,359)
At end of year	341,803	2,426,440	2,768,243
	Cost Shs'000	Proceeds Shs'000	Losses on disposal Shs'000
At end of year			
Available-for-sale treasury bonds	306,550	259,073	47,477
Comprising:			
Cumulative loss reclassified from equity on disposal			51,314
Gain during the year			(3,837)
			47,477

# **20. INVENTORIES**

	2016 Shs'000	2015 Shs'000
Inventory provision	1,389,827 (523,129)	1,413,957 (514,881)
	866,698	899,076
Inventory items consist of the following;		
Fuel and lubricants	224,879	260,095
General stores	150,855	133,453
Machinery spares	490,964	505,528
	866,698	899,076

#### 21. OTHER RECEIVABLES AND PREPAYMENTS

	2016 Shs'000	2015 Shs'000
Prepayments	645,035	860,961
Due from related parties*	1,321,940	1,343,351
Receivable from rights issue**	1,882,522	-
Other receivables	54,423	93,526
Due from The National Treasury (Note 22)	21,807	5,821,272
	3,925,727	8,119,110

<sup>\*</sup>Included in amounts due from other related parties is an amount of Shs 302 million relating to the funds for Olkaria I and IV projects received by National Treasury from the World Bank on behalf of the Company and GDC receivable balance Shs 279 million.

#### 22. DUE FROM THE NATIONAL TREASURY

	2016 Shs'000	2015 Shs'000
Geothermal resource assessment funds Cost incurred on geothermal exploration in fields taken offer by GDC Spent on preparation for secondary share offer	5,821,272 - 21,807	5,315,816 505,456 -
At start of year Received in the year Transferred to Geothermal Development Company Limited	5,843,079 (5,401,936) (419,336)	5,821,272 - -
At end of year	21,807	5,821,272

The Geothermal resource assessment funds relate to the costs incurred by the Company on behalf of GDC through the Ministry of Energy & Petroleum in undertaking exploration activities and development of Geothermal resources subsequently transferred to GDC.

The Shs 21 million balance relates amount spent by the Company on behalf of The National Treasury in preparation of offloading of 19% of shares which did not materialise. These are expected to be settled in the current financial year.

#### 23. CASH AND BANK BALANCES

	2016 Shs'000	2015 Shs'000
Cash and bank balances	6,756,324	3,292,307

<sup>\*\*</sup>Relates to the Rights allotted but not paid for as at 30 June 2016. This was subsequently received on 5 July 2016 as per the Rights Issue timetable.

# 24. ORDINARY SHARE CAPITAL AND SHARE PREMIUM

Ordinary share capital and share premium	Number of shares (Thousands)	Ordinary shares Shs'000	Share premium Shs'000	
Authorised				
At 1 July 2014, 30 June 2015 and 30 June 2016	10,000,000	25,000,000	-	
Share capital				
At I July 2015	2,198,361	5,495,904	5,039,818	
Rights issue at 30 June 2016				
Proceeds from public participation	968,941	2,422,353	3,924,212	
Conversion of Government debt to equity	3,076,571	7,691,428	12,460,113	
At 30 June 2016	4,045,512	10,113,780	16,384,325	
Less: Rights issue expenses incurred	-	-	(367,802)	
Total	6,243,873	15,609,684	21,056,342	

The total authorised number of ordinary shares is 10,000,000,000 with a par value of Shs 2.50 per share. All issued shares are fully paid.

On 27 June 2016 a rights issue of one share for every 2 held was made, by public participation and conversion of Government debt to equity. A total of 4,045,512,323 shares were issued at Shs 6.55 per ordinary share.

(Continued)

#### 25. OTHER RESERVES

	Capital reserve Shs'000	Investments revaluation reserve Shs'000	Property revaluation reserve Shs'000	Acturial gains/(losses) Shs'000	Total Shs'000
At I July 2014	8,579,722	(135,072)	16,658,062	1,186,499	26,289,211
Other comprehensive income for the year;					
-remeasurement of defined benefit	-	-	-	214,462	214,462
-deferred tax on remeasurement	-	-	-	(64,339)	(64,339)
-revaluation of bonds held for sale	-	53,584	-	-	53,584
-revaluation of property plant and equipment	-	-	54,042,729	-	54,042,729
Total comprehensive income for the year	-	53,584	54,042,729	150,123	54,246,436
Transfer of excess depreciation	-	-	(854,000)		(854,000)
Deferred tax on revaluation surplus – current y	vear -	-	231,108		231,108
At 30 June 2015	8,579,722	(81,488)	70,077,899	1,336,622	79,912,755
As at 1 July 2015	8,579,722	(81,488)	70,077,899	1,336,622	79 ,912,755
Other comprehensive income for the year		( ' '			
-revaluation of bonds held for sale	-	(19,772)	-	-	(19,772)
-remeasurement of defined benefit	-	_	-	(394,996)	(394,996)
-deferred tax on remeasurement	-	-	-	118,499	118,499
Total comprehensive income for the year	-	( 19,772)	-	(276,497)	(296,269)
Transfer of excess depreciation	-	-	(3,045,117)	-	(3,045,117)
Deferred tax on revaluation surplus – current y	ear -	-	969,234	-	969,234
At 30 June 2016	8,579,722	(101,260)	68,002,016	1,060,125	77,540,603

- (a) The capital reserve relates to development surcharge received from Kenya Power for financing the development of certain power projects for the period on or before 1997. The reserve is not distributable to shareholders.
- (b) The investments revaluation reserve represents the cumulative gains and losses arising on the revaluation of available-for-sale financial assets that have been recognised in other comprehensive income, net of amounts reclassified to profit or loss when those assets have been disposed of. The reserve is not distributable to shareholders.
- (c) The property, plant and equipment revaluation reserve arises on the revaluation of plant and machinery. When revalued property, plant and equipment are disposed, the portion of the plant and machinery revaluation reserve that relates to that asset is transferred directly to retained earnings. The reserve is not distributable to shareholders.
- (d) Actuarial reserves represents the accumulated gains or losses arising from the retirement benefit scheme recognised through other comprehensive income as disclosed under Note 28. The reserve is not distributable to shareholders.

#### 26. BORROWINGS

(a) Analysis of interest bearing borrowings	Maturity Year	2016 Shs'000	2015 Shs'000
Government of Kenya Guaranteed			
2.6% Japan Bank for International Cooperation KE P20 -			
Kipevu I (JPY 3,827,844,000)	2025	3,766,641	3,392,878
2.3% Japan Bank for International Cooperation KE P21 –	2027	2//0/52	2 2 2 7 4 5 4
Sondu Miriu (JPY 3,720,134,000)	2027	3,660,653	3,237,454
0.75% Japan Bank for International Cooperation KE P23- Sondu Miriu (JPY 9,688,840,001)	2044	9,533,925	8,005,127
0.75% Japan Bank for International Cooperation KE P24 -	2044	7,333,723	0,003,127
Sangoro ( JPY 4,316,742,580)	2047	4,247,617	3,440,463
0.20% Japan International Cooperation Agency KE P26 -	2017	1,2 17,017	3,110,103
Olkaria I & IV (approved JPY 29,516,000,000),			
(Disbursed JPY18,666,020,349)	2040	18,367,278	14,540,413
I.5% Kreditanstalt Fur Wiederaufbau (KfW) -		-,,	,, -
Kindaruma (Euro 29,598,916.03)	2024	3,323,976	3,699,227
2.2% Kreditanstalt Fur Wiederaufbau (KfW) -			
Olkaria I & IV (Euro 42,911,198.03)	2026	4,818,953	4,864,636
On lent			
7.7% International Development Association IDA 2966KE-Olkaria II	2018	-	2,159,363
7.7% Kreditanstalt Fur Wiederaufbau - Olkaria II	2018	-	40,972
4.5% International Development Association Credit IDA 3958KE-	2025		1.057.700
Olkariall Unit 3	2025	-	1,856,792
1.5% KBC Bank Ioan (Belgium)-Ngong Wind Power	2024	-	818,368
3.5% International Development Association IDA 4743 KE- Olkaria I & IV (USD 36,787,172.69)	2035	3,719,264	11,454,365
2.003% Agence Francaise de Developpement (AFD) -	2033	3,717,207	נסכ,דכד,וו
Olkaria I & IV(EURO 86,973,335.15)	2031	9,767,158	8,925,822
3.884% European Investment Bank-Olkaria I & IV (Euro 5,810,604.26		652,534	7,877,858
2.50% Export-Import Bank of China (EXIM) -	) 2037	002,001	7,077,030
80wells(USD329,365,029.79)	2033	33,299,529	27,367,272
1.50% Spanish Ioan-Ngong Phase II - 13.6MW (Euro 19,993,617)	2030	2,245,295	2,207,201
3.20% KBC Ngong   Phase     - 6.8 MW (Euro 926,   18.84)	2020	104,004	703,098
0.50% National Bank of Belgium (NBB) Ngong   Phase   Í -			
6.8 MW (Euro 6,078,000)	2043	682,563	670,983

# NOTES TO THE FINANCIAL STATEMENTS (Continued)

#### 26. BORROWINGS (CONTINUED)

(a) Analysis of interest bearing borrowings (Continued)	Maturity Year	2016 Shs'000	2015 Shs'000
Direct borrowings			
2.68% Agence Francaise de Developement (AFD)-			
Olkaria II Unit 3 (Euro 13,333,333.28)	2024	1,497,341	1,655,929
5.1% HSBC Bank loan-Rigs (USD 27,032,692.96)	2024	2,733,065	2,999,800
12.5% Public Infrastructure Bond –Various projects(Shs)	2019	10,783,089	13,908,089
5.72% Standard Chartered Bank Ioan-EIB -			
Olkaria II Unit 3 (USD 32,432,409.05)	2021	3,278,988	3,838,936
7.02% CBA Term loan - Wellheads 75MW (USD 100,000,000)	2027	10,110,220	9,863,940
Cooperative Bank Term Loan (Shs)	2022	7,000,000	7,000,000
Citibank NA short-term loan(KES)	2016	1,559,593	-
		135,151,686	144,528,986
Accrued interest (note 32(c))		1,754,325	2,089,548
		136,906,011	146,618,534
Total borrowings Less: Amounts due within 12 months		136,906,011 (10,757,003)	146,618,534 (9,427,225)
Non-current borrowings		126,149,008	137,191,309
		2016	2015
		Shs'000	Shs'000
(b) Borrowings maturity analysis:			
Due within I year		10,757,003	9,427,225
Due between I and 2 years		20,686,163	15,251,670
Due between 2 and 5 years		31,774,812	20,373,605
Due after 5 years		73,688,033	81,414,493
		136,906,011	126,466,993
(c) Analysis of loans by currency:			
Borrowings in US\$		55,353,193	51,710,082
Borrowings in JPY		39,576,113	32,616,334
Borrowings in EUR		22,439,291	19,142,939
Borrowings in Shs		19,537,414	22,997,638
Total		136,906,011	126,466,993

#### 26. BORROWINGS (CONTINUED)

	2016 Shs'000	2015 Shs'000
(d) The movement in borrowings is as follows:		
At start of year Received in the year Repaid in the year Realised exchange losses on repayment (note 18) Unrealised exchange gain/(loss) in the year (note 18)	124,377,445 9,422,158 (6,360,398) (625,256) 8,337,737	130,049,064 26,981,206 (12,719,460) (450,546) 668,722
Reclassified to borrowings awaiting to conversion to equity*	-	(20,151,541)
Add: accrued interest (note 32(c))	<b>135,151,686</b> 1,754,325	<b>124,377,445</b> 2,089,548
At end of year	136,906,011	126,466,993

2016 Shs'000

(e) On lent borrowings converted to equity during rights issue*	
IDA 2966 KE	1,598,569
IDA 3958 KE	1,467,652
IDA 4743 KE	7,102,013
KFW LOAN	38,031
EIB-FI No. 25944	8,531,141
KBC BANK, NV –Ngong Phase I	839,588
KBC BANK, NV-Ngong Phase 2	574,545
	20,151,541

#### Securities:

The Government of Kenya guaranteed and the on-lent borrowings have no securities held as the Government of Kenya is the guarantor. The Public Infrastructure Bond is unsecured.

The securities held for the Agence Francaise de Development borrowings are a fixed charge over all rights, title and interest of the company in and to (a) all the land, (b) all the real property including power plant buildings and structure at the Olkaria II geothermal power plant, a fixed charge over the plant, machinery and other infrastructure at the Olkaria II geothermal power plant and an assignment of the benefits of proceeds of insurance in connection with the project.

<sup>\*</sup>The borrowings converted to equity effective 30 June 2016 relate to borrowings on lent from the government. The approval to convert into equity was obtained in 2015.

### NOTES TO THE FINANCIAL STATEMENTS

(Continued)

#### 26. BORROWINGS (CONTINUED)

#### (f) World Bank financing credit line

#### a) Designated Account B

The Company received financial support from the World Bank Credit No. 4743-dated 1st October 2010 to support implementation of the Kenya Electricity Expansion Project (KEEP) under Part A, namely Geothermal Generation. A portion of this is disbursed directly into a US Dollar denominated Designated Account B operated by the company and summary information on transactions during the year is as follows:

	2016 Shs'000	2015 Shs'000
Balance at the beginning of the year Amounts received during the year Net interest expense	567,737 302,215 -	905,614 1,562,619
Transfers to project account	(567,737)	(1,900,496)
Balance at the end of the year	302,215	567,737

The closing balance shown above is included in loan balances and represents the balances outstanding on the World Bank funded designated Account No. 0810296571876 held at the Equity Bank Limited.

As at 30 June 2016 KShs. 12,132,264,000 - US\$ 120,000,000 had been disbursed. Following the conversion of part of the On-lent loan into Equity (US\$ 83,212,827) the outstanding loan balance under this credit line is KShs 3,719,264,090.74 - US\$ 36,787,173 as disclosed in note 26(a).

The disbursement to the special account has been expended in accordance with the intended purpose as specified in the loan agreement.

	2016 Shs'000	2015 Shs'000
Project Account		
Balance at the beginning of the year	584,282	60,562
Amounts received during the year	567,737	1,900,496
Net interest income/(expense)	54,274	20,404
Payments to Contractors	(698,478)	(1,397,180)
Balance at the end of the year	507,815	584,282

The closing balances shown above are included in Cash and Cash Equivalents and represent balances outstanding on the World Bank funded project Account No. 6563380114 held at the Commercial Bank of Africa.

#### 26. BORROWINGS (CONTINUED)

#### (g) Compliance with debt covenants

During the year, whilst the Company had not defaulted on any payments, it had not met certain loan covenants with various Development Financial Institutions. At end of the year, the Company was in compliance with all the financial covenants other than the current ratio. The borrowings portfolio that had not met the current ratio covenants at end of year is as follows:

Financier	Loans	Loan classification	Shs 000
Kreditanstalt Fur Wiederaufbau (KFW)	KFW-Kindaruma	Government Guaranteed	2,884,881
Kreditanstalt Fur Wiederaufbau (KFW)	KFW OLK I&IV	Government Guaranteed	4,233,193
European Investment Bank (EIB)	EIB Olk IV U 1&2 & Trans	On-lent Ioan	636,221
Agence Francaise de Developpement (AFD)	AFD OIk IV U 1&2	On-lent Ioan	9,441,586
Agence Francaise de Developpement (AFD)	AFD	Direct Ioan	1,310,174

18,506,055

The effect of noncompliance is to reclassify the related liabilities to current. However, according to Directors, the compliance with covenants have improved significantly in the current year and Financial Institutions and the National Treasury continue to support the Company. During the year, the relevant Financial Institutions were aware of the noncompliance and the business circumstances leading to this as well as specific actions being taken by management to reverse the situation including the share rights issue that was concluded on 30 June 2016. All loans that were in noncompliance with the covenant were either guaranteed by Government or on lent other than AFD which is a direct loan and had granted a formal waiver to 31 December 2016. The Directors have commenced the process of seeking formal waivers from the Financiers and National Treasury and are confident of a favourable outcome. Thus, the Company continues to classify these liabilities as noncurrent.

#### 27. LEASES

#### (a) As lessee

The future rental payments under operating leases are as shown below:

	2016 Shs'000	2015 Shs'000
Within I year After I year but not later than 5 years	114,967 420,177	59,241 128,087
	535,144	187,328

The company has entered into commercial leases on premises. These leases have an average life of between three and five years. There are no restrictions placed upon the lessee by entering into the leases.

#### (b) As lessor

The company leased out geothermal wells OW 101 and OW 306 to Oserian Development Company Limited for a period of 15 years at a cost of Shs 15 million per well receivable in advance. At end of year the outstanding balance is nill

This amount is amortised annually to the income statement on a straight-line basis.

### NOTES TO THE FINANCIAL STATEMENTS

(Continued)

#### 28. RETIREMENT BENEFITS

The company operated a joint defined benefit scheme with Kenya Power, which was funded by contributions from both the company and employees up to 31 December 1999.

The company registered its own defined benefits scheme in 2000 and commenced making contributions to the scheme, alongside employees' contributions, with effect from 1 January 2000. The scheme is administered by Alexander Forbes Financial Services (E.A) Limited while British-American Asset Managers and Co-op trust Investment Services Itd act as Investment Managers for the DB Scheme.

Under the plan, the employees are entitled to retirement benefits of 3% of Final Pensionable Emoluments for Pensionable Service upto I January 2000 and 2% of Final Pensionable Emoluments for Pensionable Service after I January 2000 on attainment of a retirement age of 60 years. No other post-retirement benefits are provided to these employees.

The KenGen Staff Retirement Benefits Scheme (DB Scheme) is established under trust and was closed to new entrants and to future accrual of benefits with effect from 31 December 2011 in respect of members aged below 45 years. A new Defined Contribution Scheme, the KenGen Defined Contribution (DC Scheme) 2012 was established effective 1 January 2012, for all new eligible employees. All active in service members aged 45 years and over as at 31 December 2011 had an option to either remain in the DB scheme for future benefit accrual or join the new DC scheme. Some members have opted to join the new DC scheme for future benefit accrual while others opted to remain in the DB scheme. The DC scheme is administered by Alexander Forbes Financial Services (EA) while Stanlib Ltd and Old Mutual act as Investment Managers for the Scheme.

The company therefore only makes contributions to the DB scheme in respect of those members who opted to remain in the DB scheme. DB scheme member contributions are a fixed percentage of pay with the company responsible for the balance.

A valuation of plan assets and the present value of the defined benefit obligation were carried out at 31 December 2014 by M/S Alexander Forbes Financial Services EA Limited for statutory purposes. An actuarial valuation to fulfill the financial reporting and disclosure requirements of IAS19 was also carried out as at 30 June 2016. On this basis, the present value of the defined benefit obligation, and the related current service cost and past service cost, were measured using the Projected Unit Credit Method.

The principal assumptions used for the purposes of the actuarial valuations were as follows:

2010	2015
1425%	13.25%
8%	8%
0%	0%
A 1949-1952	A 1949-1952
n/a	n/a
60 years	60 years
	0% A 1949-1952 n/a

Increases of 3% per annum apply on pensions secured on pre 31 December 1999 (Kenya Power) service.

<sup>&</sup>lt;sup>2</sup> Future salary increased are estimated based on the approved Trust Deed.

#### 28. RETIREMENT BENEFITS (CONTINUED)

#### Recognition

The amount recognized in the statement of comprehensive income and statement of financial position in respect of these defined benefit plan are as shown below:

#### (a) Amount recognised in the Statement of profit or loss and other comprehensive Income

The amount recognized in the statement of profit or loss and other comprehensive income in respect of these defined benefit plan are as follows:

	2016 Shs'000	2015 Shs'000
(i) Statement of profit or loss Service Cost:		
Current service cost (employer)	65,669	51,513
Total service cost	65,669	51,513
Interest cost:		
Interest cost on defined benefit obligation Interest income on plan assets	685,294 (921,179)	651,354 (833,547)
Net Interest cost on balance sheet liability	(235,885)	(182,193)
Total included in profit and loss in respect of Scheme	(170,216)	(130,680)
(ii) Other Comprehensive Income (OCI)		
Actuarial gain obligation Return on plan assets (excluding amount in interest cost)	(287,859) 682,855	(254,631) 40,169
Amount recognized in OCI statement for the fiscal year	394,996	(214,462)

#### (b) Amount recognized in the Statement of Financial Position

The amount included in the statement of financial position arising from the entity's obligation in respect of its defined benefit plans is as follows:

	2016 Shs'000	2015 Shs'000
Present value of funded defined benefit obligation Fair value of plan assets	5,438,642 (7,047,843)	5,302,855 (7,095,069)
Present value of unfunded defined benefit (asset)/obligation	(1,609,201)	(1,792,214)

# NOTES TO THE FINANCIAL STATEMENTS (Continued)

### 28. RETIREMENT BENEFITS (CONTINUED)

The reconciliation of the amount included in the statement of financial position is as follows:

The reconciliation of the amount included in the statement of financial position i	2016 Shs'000	2015 Shs'000
Surplus at start of year	(1,792,214)	(1,407,411)
Credit in the profit or loss	(170,216)	(130,680)
Employer contributions	(41,767)	(39,661)
Charged to other comprehensive income	394,996	(214,462)
Surplus at end of year	(1,609,201)	(1,792,214)
Movements in the present value of the defined benefit obligation in the current year were as follows:		
Opening benefit obligation	5,302,855	5,114,694
Current service cost (employer)	65,669	51,513
Interest cost	685,294	651,354
Employee contributions (incl AVC and transfers in)	20,869	19,831
Actuarial (gain) / loss due to change in assumptions	(287,859)	(254,631)
Benefits paid (includes admin expenses)	(348,186)	(279,906)
Closing defined benefit obligation	5,438,642	5,302,855
Movements in the present value of the plan assets in the current year were as follows.		
Opening market value of assets	(7,095,069)	(6,522,105)
Interest income on plan assets	(921,179)	(833,547)
Employer contributions	(41,767)	(39,661)
Employee contributions	(20,869)	(19,831)
Return on plan assets, excluding amount in interest income	682,855	40,169
Benefits paid (includes admin expenses)	348,186	279,906
Closing fair value of plan assets	(7,047,843)	(7,095,069)
The fair values of the plan assets at the end of the reporting period for		
each category are as follows:		
Property Investments	4,853,029	4,478,380
Quoted equity instruments	369,241	2,089,335
Offshore investments	33,816	44,802
Government Securities	1,420,823	-
Commercial Paper and Corporate Bonds	286,129	294,111
Fixed deposits	-	33,685
Cash & Short term deposits	84,805	154,756
Total scheme assets	7,047,843	7,095,069

#### 29. DEFERRED INCOME TAX

#### Recognition

Deferred income taxes are calculated on all temporary differences under the liability method using the applicable rate, currently at 30%. The makeup of the deferred tax liabilities in the year and the movement on the deferred tax account during the year are presented below:

	2016 Shs'000	2015 Shs'000
Deferred tax assets:		
Tax losses	(21,152,645)	(27,192,428)
Provisions and other temporary differences	(156,471)	(242,060)
	(21,309,116)	(27,434,488)
Deferred tax liabilities:		
Unrealised exchange gain	76,555	14,339
Defined benefit	482,760	537,664
Revaluation surplus	29,143,721	30,069,955
Accelerated capital allowances	31,832,938	32,737,430
	61,535,974	63,359,388
Net deferred tax liability	40,226,857	35,924,900
Movement on the deferred tax account is as follows:		
At the beginning of the year	35,924,900	15,604,657
Deferred tax charge/(credit) (Note II(a))	4,420,456	(2,905,165)
Deferred tax through other comprehensive income	(118,499)	64,339
Deferred tax passing through revaluation surplus	-	23,161,069
At the end of the year	40,226,857	35,924,900

The Directors are of the opinion that the deferred tax assets arising from investment deduction are recoverable under the tax law and therefore no provisions have been made.

### NOTES TO THE FINANCIAL STATEMENTS

(Continued)

#### 30. TRADE AND OTHER PAYABLES

	2016 Shs'000	2015 Shs'000
Trade payables	2,352,241	3,369,456
Due to Kenya power	2,286	4,879
Contract and Retention money	10,350,237	5,274,217
Payables and other accrued expenses	2,178,796	4,603,917
Total trade and other payables	14,883,560	13,252,469
Non-current trade and other payables*	(9,940,189)	(5,329,722)
Current trade and other payables	4,943,371	7,922,747

<sup>\*</sup> Contract and retention money relate to payments due to contractors for the ongoing construction of long-term assets. They are financed by the Development Finance Institutions (DFIs) and represents invoices that were under verification at the reporting dates. After the verification is complete, the amounts are settled by the DFI's directly to the contractors and the company assumes the liability as long term borrowing.

#### 31. COMPENSATING TAX

	2016 Shs'000	Shs'000
Compensating tax	2,431,022	253,984

The compensating tax for the year is in respect of dividend arrears of Shs 5,735,428,884 paid out to National Treasury on 30 June 2016. The Company has significant tax assets from accumulated tax losses arising from significant investment deductions and therefore insufficient current tax credits to cover for the dividend tax account.

#### 32. DIVIDENDS

	2016 Shs'000	2015 Shs'000
a) Dividend payable At start of the year Declared	4,735,174 1,428,935	4,119,633 879,345
Paid during the year	6,164,109)	(263,804)
At end of the year	-	4,735,174
b) Dividend proposed Proposed for approval at annual general meeting (not recognised as a liability) Proposed dividend per share in Shs		1,428,935 0.65

#### 33. NOTES TO THE STATEMENT OF CASH FLOWS

	2016 Shs'000	2015 Shs'000
(a) Reconciliation of operating profit to cash generated from operations		
Profit before taxation	11,264,044	8,690,012
Adjustments for:	10.100.020	( 20   177
Depreciation (Note 8c)	10,108,028	6,391,177
Impairment provision for capital projects (Note 13)	20 102	482,281 14,463
Armotisation of prepaid lease (Note 8c) Amortisation of intangible assets (Note 15)	38,102 77,240	73,368
Interest income (Note 7)	(556,108)	(359,082)
Interest income (Note 7)	3,132,187	3,010,659
Gain on disposal of assets (Note 6)	(7,217)	(13,645)
Unrealised foreign exchange gain on Kenya Power deferred debt	(190,301)	86,925
Net loss on derecognition of treasury bonds	(19,772)	47,477
Amortisation of held-to-maturity treasury bonds	5,880	5,359
Reduction in actuarial deficit arising from valuation of retirement benefit liability	(170,216)	(130,680)
Reduction in actuarial deficit arising from payments of retirement benefit liability	(41,767)	(39,661)
Operating profit before working capital changes	23,640,101	18,258,653
Changes in working capital:		
Decrease/ (Increase) in inventories	32,378	(110,743)
Increase in trade receivables	(1,256,408)	(136,201)
Increase in other receivables	6,141,067	422,426
Increase/(Decrease) in trade and other payables	1,631,905	(3,735,343)
Increase in compensating tax payable	2,177,038	-
Cash generated from operations	32,365,267	14,698,792
(b) Movement in interest receivable		
At start of year	25,098	30,455
Interest income	556,108	359,082
Interest received	(540,431)	(364,439)
At end of year	40,775	25,098
(c) Movement in interest payable		
At start of year	2,089,548	1,264,447
Interest expense	3,132,187	3,010,659
Interest paid	(3,467,409)	(2,185,558)
At end of year	1,754,325	2,089,548

### NOTES TO THE FINANCIAL STATEMENTS

(Continued)

#### 34. EMERGENCY POWER PROJECT (EPP)

During the year the Company managed an Emergency Power Supply project known as Aggreko International Projects as an implementing commissioning agent on behalf of the Ministry of Energy & Petroleum. These funds are held in an escrow bank account at the Commercial Bank of Africa and are represented below as disbursements from the Ministry of Energy & Petroleum. Electricity generated from this Project is sold to the Kenya Power and Lighting Company and relating revenue is represented below as Receipts from sale of electricity. Expenditure incurred relating to the project is represented below as expenditure during the year. None of these transactions and balances are presented in these financial statements.

The movement of EPP escrow account is as follows:

	2016 Shs'000	2015 Shs'000
At start of year Receipts from sale of electricity Interest income Expenditure during the year	546,277 1,399,391 5,781 (1,443,363)	60,079 2,690,767 9,143 (2,213,712)
At end of year	508,086	546,277

The company earned Shs 27.59 million in the year (2015 - Shs 24.86 million) in relation to managing these projects. This revenue is disclosed under Note 6 of these financial statements.

#### **35. CONTINGENT LIABILITIES**

#### I. Letters of credit

Letters of credit signify commitment by the company to make payments to third parties for contracts entered into, generally relating to foreign payments. Outstanding letters of credit as at 30 June 2016 amounted to Shs 172.3 million (30 June 2015 Shs: 1.196 billion).

#### II. Disputed witholding tax

In 2014, Kenya Revenue Authority (KRA) performed a tax audit for the financial years 2009-2013. Subsequently, KRA issued an assessment of KShs 975,848,686. The company objected to the assessment and KRA issued a stand over notice pending resolution of matter in dispute. The company applied for the abandonment of collection of the withholding tax from The National Treasury. The company is likely to get the waiver from The National Treasury as the process of granting the waiver is in final stages. In the opinion of the directors, no provision is required in the financial statements as the liability is not expected to crystallize.

#### **36. CAPITAL COMMITMENTS**

The capital commitments relates to the ongoing capital projects and new projects which have been approved for implementation but are at various stages of procurement. They are financed by Development Financial Institutions (DFI's) and internal resources. The projects include I 40MW Olkaria V,70MW Olkaria I Unit 6, Rehabilitation of Olkaria I, Meru Wind 80MW and I 40MW Olkaria VI to be implemented under Public Private Partnership arrangement.

Capital commitments at the year-end for which no provision has been made in these financial statements are:

	2016 Shs'000	2015 Shs'000
Authorised but not contracted for Authorised and contracted for	37,644,789  5,937,05	136,550,759 15,428,962
	153,581,840	151,979,721

#### 37. OPERATING SEGMENT INFORMATION

In accordance with IFRS 8, Operating segments, information reported to the company's chief operating decision maker for the purposes of resource allocation and assessment of segment performance is focussed on the principal activities and the products offered by the company.

The company has one reportable segment; which is the generation of electricity.

#### a) Reported revenue

All the company revenues were generated from an external customer.

#### b) Geographical areas

All the company operations, revenues and assets are based in Kenya.

#### c) Major customers

The company operates in a regulated industry; all its revenue is derived from one single external customer Kenya Power

#### 38. FINANCIAL RISK MANAGEMENT

#### Introduction and overview

The company's activities expose it to a variety of financial risks and those activities involve the analysis, evaluation, acceptance and management of some degree of risk or combination of risks. Taking risk is core to the company's business and the operational risks are an inevitable consequence of being in business. The company's aim is therefore to achieve an appropriate balance between risk and return and minimise potential adverse effects on its financial performance. The key types of risks include:

- Market risk includes currency, interest rate and other price risk
- Credit risk
- Liquidity risk

### NOTES TO THE FINANCIAL STATEMENTS

(Continued)

#### 38. FINANCIAL RISK MANAGEMENT (CONTINUED)

The company's overall risk management programme focuses on the unpredictability of changes in the business environme and seeks to minimise potential adverse effects of such risks on its financial performance within the options available by settle acceptable levels of risks.

#### Risk Management Framework

The Board of Directors has overall responsibility for the establishment and oversight of the company's risk management framework.

The company's Finance Division identifies, evaluates and hedges financial risks in close cooperation with operating units. T board provides written principals for overall risk management, as well as written policies covering specific areas such as cre risk, liquidity risk, foreign exchange risk, interest rate risk and price risk.

The company does not enter into or trade in financial instruments, including derivative financial instruments, for speculation purposes.

#### (a) Market risks

The board has put in place an internal audit function to assist it in assessing the risk faced by the company on an ongoing ba evaluate and test the design and effectiveness of its internal accounting and operational controls.

Market risk is the risk arising from changes in market prices, such as interest rate, equity prices and foreign exchange rates wh will affect the company's income or the value of its holding of financial instruments. The objective of market risk management to manage and control market risk exposures within acceptable parameters, while optimising the return. Overall responsibilities for managing market risk rests with the Audit and Risk Management Committee.

The company's Finance Department is responsible for the development of detailed risk management policies (subject review and approval by Audit and Risk Management Committee) and for the day to day implementation of those policies. There has been no change to the company's exposure to market risks or the manner in which it manages and measures the r

#### i) Foreign currency risk

The company has transactional currency exposures. Such exposure arises when borrowings are revalued at the reporting date and also through purchases of goods and services that are done in currencies other than the local currency. The company has from multilateral donors, which are denominated in currencies other than the functional local currency. Loan payment are made by using the prevailing exchange rate as there is no forward currency contracts to eliminate the currency exposur Invoices denominated in foreign currencies are paid after 30 days from the date of the invoice and conversion at the time payment is done using the prevailing exchange rate.

#### (a) Market risks (Continued)

#### i) Foreign currency risk

ent

ent

he dit

ve

sis,

ch t is ity

to

sk.

ate nas nts es. of The carrying amount of the company's foreign currency denominated monetary assets and monetary liabilities at the end the reporting date is:

the reporting date is:			_
	Ksh Shs '000	Others Shs '000	Tota Shs '00
At 30 June 2016			
Financial assets			
Amount due from Kenya Power – Deferred debt	-	1,190,665	1,190,66
Recoverable foreign exchange adjustment	-	14,588,581	14,588,58
Cash and cash equivalents*	5,825,375	930,949	6,756,32
	5,825,375	16,710,195	22,535,57
Liabilities			
Trade and other payables	(4,943,371)	(10,350,237)	(15,293,60
Compensating tax	(2,431,022)	_	(2,431,02
Borrowings	(21,097,007)	(115,809,004)	(136,906,01
	(28,471,400)	(126,159,241)	(154,630,64
Net currency liability	(22,646,025)	(109,449,046)	(132,095,07
At 30 June 2015			
Financial assets			
Amount due from Kenya Power – Deferred debt	-	1,000,366	1,000,36
Recoverable foreign exchange adjustment	-	6,876,100	6,876,10
Cash and cash equivalents*	1,140,940	2,151,367	3,292,30
	1,140,940	10,027,833	11,168,77
Liabilities			
Trade and other payables	(7,425,096)	(5,274,259)	(12,699,35
Compensating tax	(253,984)		(253,98
Borrowings	(22,997,637)	(103,469,356)	(126,466,99
	(30,676,717)	(108,743,615)	(139,420,33
Net foreign currency liability	(29,535,777)	(98,715,782)	(128,251,55

Exposure to borrowings foreign currency risk is mitigated by the terms of the Power Purchase Agreement that allows the company to recover a foreign exchange movement from Kenya Power.

#### (a) Market risks (Continued)

#### i) Foreign currency risk (Continued)

The following are the gazetted base rate and the exchange rates that existed at the various dates for the following signification currencies:

	Gazetted base rate Shs	2016 Shs	201 Sh
US\$	64.9242	101.1022	98.639
US\$ Yen	0.6404	0.9840	0.797
Euro	100.793	112.3006	110.395

#### Foreign currency sensitivity analysis

The following table demonstrates the effect on the company's profit or loss on applying the sensitivity for a reasonable possil change in the exchange rate of the three main transaction currencies, with all other variables held constant. The reverse wor also occur if the Kenya Shilling appreciated with all other variables held constant.

8 mpp	Change in currency rate	Effect on Prof before ta
2016		
US\$	2%	315,01
Yen	23%	2,724,58
Euro	2%	132,55
Total		3,172,16
2015		
US\$	13%	2,186,32
Yen	(8%)	(757,84
Euro	(8%)	(712,962
Total		715,52

#### ii) Interest rate risk

The company exposure to interest rate risk is with regards to fluctuation in banks' interest rates in the market which affe the borrowings by the company. The company's variable rate of borrowings is exposed to a risk of change in cash flows due changes in foreign exchange rates. The company's non current borrowings are at fixed rates thus minimising the exposure the interest rate risk. The effect of fluctuation of overdraft floating interest rate would not be significant. The interest earn financial assets that the company holds include investments in government securities and short term deposits whose rates return are predetermined.

#### (a) Market risks (Continued)

#### ii) Interest rate risk (Continued)

#### Other price risk

ant

ıld

9 7

6

ng of

This is the risk that the rate of the tariff will decline in the future. It is the risk of losing energy revenues due to a fall in the tariff. The company's exposure to this kind of risk is highly regulated by the Power Purchase Agreement, which is a product discussion by Kenya Power and the company, with Energy Regulatory Commission as a moderator. The company's main inp for thermal energy generation is fuel which is a significant cost component. The company is in an arrangement to pass this co to the customer, Kenya Power.

#### (b) Credit risk

The company has exposure to credit risk, which is the risk that a counterparty will be unable to pay amounts in full when du Credit risk arises from cash and cash equivalents, and deposits with banks, as well as trade and other receivables and available for-sale financial investments.

The carrying amount of financial assets recorded in the financial statements representing the company's maximum exposu to credit risk without taking account of the value of any collateral obtained is made up as follows:

	Neither past Due nor impaired Shs '000		Past due but not impaired over 365 days Shs '000	Impaired over 365 days Shs '000	Tota Shs '00
A. 20 I 20 I (					
At 30 June 2016	0.554.500	740 524			0.204.1.1
Amount due from Kenya Power	8,554,589	749,524	-	-	9,304,11
Treasury bonds –available-for-sale	322,031	-	-	-	322,03
Foreign exchange adjustment receiva		-	-	-	14,588,58
Other receivables (excluding prepayr		-	-	-	1,523,98
Amount due from Ministry of Energy		-	21,807	-	21,80
Cash and cash equivalents*	6,756,324	-	-	-	6,756,32
	31,745,514	749,524	21,807	-	32,516,84
At 30 June 2015					
Amount due from Kenya Power	7,510,074	537,631	617,673	(617,673)	8,047,70
Treasury bonds –available-for-sale	341,803	-	-	-	341,80
Foreign exchange adjustment	,,,,,,				,,,,
receivables	6,876,100	_	_	_	6,876,10
Other receivables (excluding	3,37 3,1 33				3,070,10
prepayments)	637,134	_	_	_	637,13
Amount due from Ministry of	037,131				037,13
Energy	5,821,272	_	_	_	5,821,27
Cash and cash equivalents*	3,292,307	-	-	-	3,292,30
	24,478,690	537,631	617,673	(617,673)	25,016,32

# NOTES TO THE FINANCIAL STATEMENTS (Continued)

#### 38. FINANCIAL RISK MANAGEMENT (CONTINUED)

#### (b) Credit risk (Continued)

\*Cash and cash equivalents exclude cash in hand.

The company only sells generated electricity to Kenya Power and this minimizes the credit risk exposure on amount due from Kenya Power. Both companies have a contract that stipulates a 40 day credit period. Receivable balances from company stare recovered on payment of salaries.

Credit risk from balances with banks and financial institutions is managed by company's treasury department in accordar with the company's policies. Investments of surplus funds are made only with approved counterparties and within credit lim assigned to each counterparty. Counterparty credit limits are reviewed by the company's directors on an annual basis, and me be updated throughout the year subject to approval of the company's audit and risk management committee. The limits are storing minimise the concentration of risks and therefore mitigate financial loss through potential counterparty failure.

#### c) Liquidity risk

Liquidity risk is the risk that the company will not be able to meet its financial obligations as they fall due. The compan approach to managing liquidity is to ensure, as far as possible, that it will always have sufficient liquidity to meet its liabilities wh due, under both normal and stressed conditions, without incurring unacceptable losses or risking damage to the compan reputation. Typically the company ensures that it has sufficient cash on demand to meet expected operational expenses for period of 30 days, including the servicing of financial obligations. This excludes the potential impact of extreme circumstance that cannot reasonably be predicted, such as natural disasters and political violence. The company monitors its risk to short of funds using a recurring liquidity planning tool.

#### c) Liquidity risk (Continued)

m aff

ce iits ay set

y's en y's r a es The table below analyses maturity profiles of the financial liabilities of the company based on the remaining period using June 2016 as a base period to the contractual maturity date:

	Less than 3 months Shs '000	3 to 12 months Shs '000	l to 5 years Shs '000	> 5 years Shs '000	Tota Shs '000
At 30 June 2016					
Trade and other payables	4,943,371	-	9,940,189	-	14,883,560
Compensating tax	-	2,431,022	-	-	2,431,022
Less: non-financial liabilities	(2,043,083)	-	-	-	(2,043,083
	2,900,288	2,431,022	9,940,189	-	15,271,499
Amount due to Kenya Power	2,286	_	_	_	2,286
Borrowings	3,895,184	6,870,525	52,459,722	73,680,580	136,906,01
	6,797,758	9,301,547	62,399,911	73,680,580	152,179,796
At 30 June 2015					
Trade and other payables	7,369,633	-	5,329,722	-	12,699,355
Compensating tax	=	253,984	-	-	253,984
Less non-financial liabilities	(4,309,666)	-	-	-	(4,309,666
	3,059,967	253,984	5,329,722	-	8,643,673
Amount due to Kenya Power	4,879	_	_	_	4,879
Borrowings	2,975,283	6,451,963	35,625,255	81,414,492	126,466,993
	6,040,129	6,705,947	40,954,977	81,414,492	135,115,54

### NOTES TO THE FINANCIAL STATEMENTS

(Continued)

#### 38. FINANCIAL RISK MANAGEMENT (CONTINUED)

#### d) Fair value hierarchy

The Company uses the following hierarchy for determining and disclosing the fair value of financial instruments by valuati technique.

As at 30 June 2016, the company held the following financial instruments measured at fair value.

	Fair valu	ie as at	Fair value	Valuation	Significant	Relationship of
Financial assets/ liabilities	30 June 2016 Sh	30 June 2015 Sh	hierarchy	technique (s) and key inputs	unobservable inputs	unobservable inputs to fair value
Treasury bonds- available-for-sale	322,031	2,550,345	Level I	Quoted bid prices in an active market	N/A	N/A

#### 39. CAPITAL RISK MANAGEMENT

There were no transfers between levels 1, 2 and 3 in the period (2015: none). The primary objective of the company's capital management is to ensure that it maintains a strong and healthy capital ratios in order to support its business and maxim shareholder value.

The Capital Management policy as approved by the Board of Directors (the Board) is to maintain a strong capital base so to maintain investor, creditor and market confidence and to sustain future development of the business. The Board monitor the return on capital, which the company defines as net operating income divided by total shareholders' equity. The Board all monitors the level of dividends to ordinary shareholders.

The company manages its capital structure and makes adjustments to it, in light of changes in economic conditions. To maintor adjust the capital structure, the company may adjust the dividend payment to shareholders, return capital to shareholder or issue new shares as circumstances would dictate. There were no changes in the company's approach to capital management as regards the objectives, policies or processes during the year.

The company monitors capital using a gearing ratio, which is net debt divided by total capital plus net debt. The company target is to keep the self- financing ratios greater than 25%. The company includes within net debt, interest bearing loans a borrowings, trade and other payables, less cash equivalents. Capital includes 27% ordinary shares attributable to the Government of Kenya and distributable reserves.

### NOTES TO THE FINANCIAL STATEMENTS (Continued)

#### 39. CAPITAL RISK MANAGEMENT (CONTINUED)

	2016 Shs'000	201 Shs'00
Equity	172,742,682	141,594,09
Borrowings (Note 26) Less cash and bank balances (Note 23)	136,906,011 (6,756,324)	126,466,99 (3,292,30
Net debt	130,149,687	123,174,68
Gearing ratio	43%	479

tal ze

rs SO

ain ers ent

y's nd nd



# **STATISTICS**

#### **COMPANY 10 YEAR FINANCIAL REVIEW**

	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007
Units Sold(GWh)	7,819	7,027	6,084	6,022	5,404	4,933	3,596	4,339	4,818	4,599
Average weighted tariff (Shs/KWh)	3.78	3.64	2.86	2.73	2.96	2.92	3.06	2.88	2.38	2.40

#### Statement of Comprehensive Income (Shs '000)

	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007
Electricity revenue	29,543,488	25,602,038	17,423,771	16,451,195	15,999,078	14,389,027	10,998,429	12,491,627	11,452,566	11,045,088
Steam revenue	6,856,018	3,689,361	192,693	58,365		-	-		-	_
	36,399,506	29,291,399	17,616,464	16,509,560	15,999,078	14,389,027	10,998,429	12,491,627	11,452,566	11,045,088
Other income	2,210,050	665,902	718,015	541,781	331,821	723,763	388,132	634,903	160,101	253,875
Operating income	38,609,556	29,957,301	18,334,479	17,051,341	16,330,899	15,112,790	11,386,561	13,126,530	11,612,667	11,298,963
Employee expenses	(4,389,290)	(4,162,284)	(3,491,942)	(3,248,141)	(2,169,802)	(2,890,984)	(2,677,510)	(2,366,390)	(2,222,280)	(2,084,429)
Operating expenses	(4,558,578)	(4,285,122)	(3,592,594)	(2,814,490)	(3,212,983)	(2,541,184)	(2,051,740)	(2,033,485)	(2,384,985)	(2,133,247)
Depreciation	(10,223,370)	(6,478,945)	(4,727,937)	(4,578,728)	(4,883,237)	(4,581,339)	(3,829,198)	(3,847,124)	(3,404,337)	(3,446,354)
Steam costs	(3,167,173)	(3,689,361)	(192,693)	(58,365)		-	-		-	-
Operating Profit	16,271,145	11,341,589	6,329,313	6,351,617	6,064,877	5,099,283	2,828,113	4,879,531	3,601,065	3,634,933
Compensating tax	(2,431,022)	-	-	-	-	-	-	-	-	-
Impairment of assets		-	-	-	-	-	-	-	-	(375,013)
Interest income	556,108	359,082	416,154	676,109	952,621	548,975	398,331	433,069	275,773	593,091
Finance costs	(3,132,187)	(3,010,659)	(2,587,519)	(3,000,802)	(2,972,308)	(1,996,951)	(741,491)	(756,319)	(798,073)	866,268
Profit Before Tax	11,264,044	8,690,012	4,157,948	4,026,924	4,045,190	3,651,307	2,484,953	4,556,281	3,078,765	4,719,279
Taxation (charge)/credit	(4,520,552)	2,827,315	(1,331,625)	1,197,780	(1,222,590)	(1,571,186)	801,534	(2,485,368)	2,818,114	(2,273,613)
Profit After Tax	6,743,492	11,517,327	2,826,323	5,224,704	2,822,600	2,080,121	3,286,487	2,070,913	5,896,879	2,445,666
Other Comprehensive Income/(Loss)	(296,269)	54,246,436	1,243,851	(16,722)	(1,736,685)	(633,498)	1,363,450	(127,106)	-	-
Total Comprehensive Income	6,447,223	65,763,763	4,070,174	5,207,982	1,085,915	1,446,623	4,649,937	1,943,807	5,896,879	2,445,666
Number of Shares Issued	6,243,098,469	2,198,361,456	2,198,361,456	2,198,361,456	2,198,361,456	2,198,361,456	2,198,361,456	2,198,361,456	2,198,361,456	2,198,361,456
Earnings per share - Basic (Shs)	3.07	5.24	1.29	2.38	1.28	0.94	1.49	0.94	2.68	1
Diluted (Shs)	1.08	1.75*	-		-	-	-	-		-
Dividends per share(Shs)	-	0.65	0.40	0.60	0.60	0.50	0.50	0.50	0.90	1
Number of Employees	2,406	2,407	2,209	2,063	1,829	1,663	1,658	1,581	1,532	1,512

#### Statement of Financial Position (Shs '000)

	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007
ASSETS										
Non-current assets										
Property, plant and equipment	320,932,980	305,378,764	209,235,821	153,201,471	120,664,699	116,786,429	102,230,784	92,699,405	91,822,390	87,357,082
Prepaid leases on land	4,150,673	3,223,658	1,048,372	439,957	35,426	1,373	1,417	1,446	1,475	1,504
Intangible assets	1,181,241	1,122,452	1,066,049	1,079,686	896,335	663,553	695,284	543,893	303,721	215,664
Non-current receivables	15,037,721	7,207,494	7,385,429	6,387,675	11,209,428	14,392,240	7,925,647	5,285,055	701,704	-
Treasury bonds	2,420,560	2,426,440	2,431,799	2,436,683	8,050,919	9,610,661	6,864,340	1,545,680	3,509,123	3,941,294
Retirement benefit asset	1,609,201	1,792,214	1,407,411	-	-	-	-	-	-	-
	345,332,376	321,151,022	222,574,881	163,545,472	140,856,807	141,454,256	117,717,472	100,075,479	96,338,413	91,515,544
Current assets										
Inventories	866,698	899,076	788,333	836,259	1,955,564	1,168,240	1,443,374	752,767	985,013	1,036,841
Trade receivables	10,045,640	8,716,677	8,271,290	6,525,035	7,627,254	8,309,950	3,840,903	5,717,545	5,413,807	6,375,026
Other receivables and prepayments	3,925,727	8,119,110	8,546,893	11,219,743	11,395,172	6,168,262	5,714,490	545,894	129,667	89,794
Treasury bonds	322,031	341,803	594,769	2,550,345	643,203	391,127	519,201	1,631,485	427,297	1,200,322
Cash and cash balances	6,756,324	3,292,307	9,429,358	3,996,427	435,719	3,115,598	21,331,446	4,221,990	3,699,354	1,749,334
	21,916,420	21,368,973	27,630,643	25,127,810	22,056,912	19,153,177	32,849,414	12,869,681	10,655,138	10,451,317
TOTAL ASSETS	367,248,796	342,519,995	250,205,524	188,673,282	162,913,719	160,607,433	150,566,886	112,945,160	106,993,551	101,966,861

#### Statement of Financial Position (Shs '000) (continued)

	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007
EQUITY AND LIABILITIES										
Capital and reserves										
Share capital	15,609,684	5,495,904	5,495,904	5,495,904	5,495,904	5,495,904	5,495,904	5,495,904	5,495,904	5,495,904
Share premium	21,056,341	5,039,818	5,039,818	5,039,819	5,039,818	5,039,818	5,039,818	5,039,818	5,039,818	5,039,818
Other reserves	77,540,603	79,912,755	26,289,211	25,694,067	26,324,186	28,369,692	31,565,692	31,383,772	35,778,130	33,708,468
Retained earnings	58,536,054	51,145,614	39,884,740	37,728,726	33,209,643	30,513,173	28,429,454	25,060,618	22,088,729	19,393,999
	172,742,682	141,594,091	76,709,673	73,958,516	70,069,551	69,418,587	70,530,868	66,980,112	68,402,581	63,638,189
Non-current liabilities										
Borrowings	126,149,009	137,191,309	122,324,111	73,934,313	61,850,220	64,166,527	59,636,829	25,793,197	19,466,078	16,040,695
Non-current liabilities	-	-	1,000	293,876	255,647	1,119,400	1,428,100	1,501,300	352,428	15,000
Deferred income tax	40,226,857	35,924,900	15,604,657	14,222,916	15,968,498	15,032,183	12,001,274	12,802,808	11,186,948	15,038,788
Long term Contract payables	9,940,189	5,329,722	10,369,854	8,591,032		-	-		-	-
	176,316,055	178,445,931	148,299,622	97,042,137	78,074,365	80,318,110	73,066,203	40,097,305	31,005,454	31,094,483
Current liabilities										
Borrowings due within one year	10,757,003	9,427,225	13,790,779	7,000,387	7,265,504	4,480,481	1,876,081	1,399,880	1,531,116	1,023,189
Trade and other payables	4,943,371	8,176,731	6,616,958	7,197,467	4,539,132	3,852,291	2,939,340	3,082,895	5,438,858	5,012,463
Compensating Tax	2,431,022	-	-	-	-	-	-	-	-	
Tax Payable	58,663	140,843	668,859	278,453		-	-		-	1,198,537
Dividends payable	-	4,735,174	4,119,633	3,196,321	3,196,321	2,923,821	2,154,394	1,384,968	615,542	-
	18,190,059	22,479,973	25,196,229	17,672,629	15,000,957	11,256,593	6,969,815	5,867,743	7,585,516	7,234,189
TOTAL EQUITY AND LIABILITIES	367,248,796	342,519,995	250,205,524	188,673,282	163,144,873	160,993,290	150,566,886	112,945,160	106,993,551	101,966,861
Capex	27,545,275	27,686,471	61,084,354	37,396,364	9,020,497	19,169,926	13,360,515	4,731,000	7,897,000	5,357,000

#### **Financial Ratios**

	2016	2015	2014	2013	2012
Profit Margin	38.13%	33.94%	23.86%	24.48%	25.28%
Return on total assets	4.41%	3.45%	3.39%	3.21%	3.35%
Current Ratio	1.20	0.95	1.10	1.42	1.47
Debt Service Coverage Ratio	2.59	1.16	0.99	1.24	1.95
Self Financing Ratio	61%	41%	17%	27%	35%
Debt/(Debt+Equity)	43%	47%	61%	51%	50%
Return on Equity	4%	8%	4%	7%	4%S

#### EBITDA and EBIT Review for the last Ten Years (Shs '000)

	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007
Revenue	38,609,556	29,957,301	18,334,479	17,051,341	16,330,899	15,112,790	11,386,561	13,126,530	11,612,667	11,298,963
Expenses	(12,115,041)	(12,136,767)	(7,277,229)	(6,120,996)	(5,382,785)	(5,432,168)	(4,729,250)	(4,399,875)	(4,607,265)	(4,217,676)
EBITDA	26,494,515	17,820,534	11,057,250	10,930,345	10,948,114	9,680,622	6,657,311	8,726,655	7,005,402	7,081,287
Depreciation & Amortisation	(10,223,370)	(6,478,945)	(4,727,937)	(4,578,728)	(4,883,237)	(4,581,339)	(3,829,198)	(3,847,124)	(3,404,337)	(3,446,354)
EBIT	16,271,145	11,341,589	6,329,313	6,351,617	6,064,877	5,099,283	2,828,113	4,879,531	3,601,065	3,634,933
Compensating tax Impairment of assets Interest income Finance costs	(2,431,022) - 556,108 (3,132,187)	359,082 (3,010,659)	- 416,154 (2,587,519)	676,109 (3,000,802)	952,62 l (2,972,308)	- 548,975 (1,996,951)	- 398,331 (741,491)	- 433,069 (756,319)	- 275,773 (798,073)	(375,013) 593,091 866,268
Profit Before Tax	11,264,044	8,690,012	4,157,948	4,026,924	4,045,190	3,651,307	2,484,953	4,556,281	3,078,765	4,719,279
Taxation (charge)/credit	(4,520,552)	2,827,315	(1,331,625)	1,197,780	(1,222,590)	(1,571,186)	801,534	(2,485,368)	2,818,114	(2,273,613)
Profit After Tax	6,743,492	11,517,327	2,826,323	5,224,704	2,822,600	2,080,121	3,286,487	2,070,913	5,896,879	2,445,666

#### Installed and Effective Capacity in MW as at June ....

	201	6	20	15	20	14	201	3	201	2
Plant	Installed	Effective								
Hydro										
Tana	20	20	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
Kamburu	94.2	90	94.2	90.0	94.2	90.0	94.2	90.0	94.2	90.0
Gitaru	225	216	225.0	216.0	225.0	216.0	225.0	216.0	225.0	216.0
Kindaruma	72	70.5	72.0	70.5	72.0	70.5	72.0	48.0	68.0	44.0
Masinga	40	40	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
Kiambere	168	164	168.0	164.0	168.0	164.0	168.0	164.0	168.0	164.0
Turkwel	106	105	106.0	105.0	106.0	105.0	106.0	105.0	106.0	105.0
sondu Miriu	60	60	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
Sang'oro	21.0	20	21.0	20.0	21.0	20.0	21.0	20.0	21.0	20.0
Small Hydros	13.7	11.3	13.7	11.3	13.7	11.1	13.7	11.1	13.7	10.9
Hydro Total	819.9	796.8	819.9	796.8	819.9	796.6	819.9	774. I	815.9	769.9
Thermal										
Kipevu I Diesel	73.5	60	73.5	60.0	73.5	60.0	73.5	60.0	73.5	60.0
Kipevu III Diesel	120	115	120.0	115.0	120.0	115.0	120.0	115.0	120.0	115.0
Kipevu Gas Turbine*	60	55	60.0	54.0	60.0	54.0	60.0	27.0	60.0	27.0
Garissa & Lamu	0	8.2	8.98	8.2	8.7	7.7	8.7	7.7	8.7	8.3
Thermal Total	253.5	238.2	262.5	237.2	262.2	236.7	262.2	209.7	262.2	210.3
Geothermal										
Olkaria I	45	44	45.0	44.0	45.0	44.0	45.0	44.0	45.0	44.0
Olkaria I AU	150.5	140	150.5	140.0	0.0	0.0	0.0	0.0	0.0	0.0
Olkaria II	105	101	105.0	99.3	105.0	101.0	105.0	88.2	105.0	101.0
Eburru	2.5	2.3	2.5	2.3	2.5	2.3	2.5	2.3	2.5	2.3
Wellhead 37	10.5	9.4	5.5	4.4	5.0	4.4	5.0	4.4	5.0	4.4
Wellhead 43	12.8	12.40	12.8	12.8	12.8	12.8	0.0	0.0	0.0	0.0
Wellhead 914	27.8	25.78	27.8	27.8	12.8	12.8	0.0	0.0	0.0	0.0
Wellhead 915	20.0	18.90	10.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0
Olkaria IV	149.8	140	149.8	140.0	73.0	70.0	0.0	0.0	0.0	0.0
Geothermal Total	523.4	493.78	508.5	480.6	256.1	247.3	157.5	138.9	157.5	151.7
Wind										
Ngong I phase I&II	11.9	11.9	11.9	11.9	5.1	5.1	5.1	5.1	5.1	5.1
Ngong II	13.6	13.6	13.6	13.6	0.0	0.0	0.0	0.0	0.0	0.0
Wind Total	25.5	25.5	25.5	25.5	5.1	5.1	5.1	5.1	5.1	5.1
KenGen TOTAL	1,622.8	1,554.3	1,616.89	1,540.0	1,343.3	1,285.7	1,244.7	1,127.8	1,240.7	1,137.0

<sup>\*</sup> Active/Reactive power

Installed capacity corrected to reflect the actual Machine rating

# **Units Sent Out**

#### Units Generated and Sold as at 30th June ...

	201	6	201	5	20	14	201	3	201	2
Plant	Generated	Sales								
Hydro										
Tana	112.02	109.27	111.08	108.23	71.11	68.92	109.66	107.56	88.04	85.67
Wanjii	45.23	44.92	44.07	43.73	42.21	42.12	42.30	41.11	47.51	47.41
Kamburu	434.78	434.03	358.62	357.98	421.91	420.87	521.16	520.10	404.04	403.12
Gitaru	863.43	862.02	711.41	709.88	831.72	829.95	1,037.38	1,035.55	793.42	792.12
Kindaruma	209.47	208.27	165.97	165.30	201.89	201.23	252.62	251.99	167.99	167.39
Gogo	6.12	6.05	5.63	5.56	5.83	5.83	5.13	5.07	5.71	5.65
Sosiani	1.17	1.15	0.87	0.86	0.99	0.98	1.56	1.55	1.85	1.84
Mesco	2.79	2.78	2.48	2.47	1.90	1.90	-	-	-	-
Ndula	-	-	0.00	0.00	-	-	-	-	-	-
Sagana	7.62	7.62	8.20	7.55	9.05	9.05	9.71	9.71	9.08	9.05
Masinga	126.70	126.69	137.86	137.72	206.81	206.42	148.41	148.41	136.81	136.52
Kiambere	997.93	996.29	718.40	717.64	980.35	978.67	1,180.42	1,178.47	887.89	885.81
Turkwel	428.37	426.23	554.10	551.22	721.05	718.59	545.04	550.26	475.72	473.50
Sondu Miriu	419.52	418.59	376.45	375.54	351.74	351.86	393.81	392.87	409.62	408.84
Sangoro	140.59	140.31	124.89	124.54	109.54	109.32	110.08	110.04	-	-
Total Hydros	3,795.75	3,784.24	3,320.03	3,308.22	3,956.10	3,945.71	4,357.28	4,352.68	3,427.68	3,416.92
DIESEL										
Kipevu I Diesel	132.86	128.56	161.17	156.51	228.41	219.93	191.37	185.16	265.67	256.14
Kipevu III Diesel	186.01	181.39	304.47	299.03	533.67	524.22	328.00	320.73	535.17	524.82
Total Diesel	318.87	309.95	465.64	455.54	762.08	744.15	519.37	505.89	800.84	780.96
GEOTHERMAL										
Olkaria I	345.52	331.06	348.68	332.69	367.74	352.49	385.17	368.69	5.1	5.1
Olkaria I AU	1,088.21	1054.56	774.36	743.63	-	-	-	-	0.0	0.0
Olkaria II	857.18	814.38	798.29	756.40	754.25	712.38	738.18	695.64	5.1	5.1
Eburru	10.65	9.85	12.48	10.99	9.38	6.72	9.92	9.20	1240.7	1137.0
Wellhead 37	17.08	15.51	10.49	9.50	16.75	16.75	25.13	22.78		
Wellhead 43	79.02	74.91	82.69	78.42	29.28	29.28	-	-		
Wellhead 914 & 915	272.85	266.38	114.98	108.49	7.24	7.24	-	-		
Olkaria IV	1,021.03	975.51	1107.69	1064.09	172.20	172.20	-	-		
Total Geothermal	3,691.54	3,542.18	3,249.66	3,104.21	1,356.84	1,297.06	1,158.40	1,096.31		

#### Units Generated and Sold as at 30th June ... (Continued)

	201	16	20	15	20	14	20	13	20	12
Plant	Generated	Sales								
Gas Turbine										
Embakasi Gas Turbine (Active)*	0.62	0.62	4.20	4.10	27.46	26.94	28.51	27.00	33.00	32.51
Embakasi Gas Turbine (Re - Active)	97.36	97.36	84.97	84.97	25.39	25.39	-	-	-	-
Total Gas Turbine	97.98	97.98	89.17	89.07	52.85	52.33	28.51	27.00	33.00	32.51
Isolated Diesels										
Garissa	25.51	21.75	25.82	25.77	20.67	20.29	20.02	20.02	23.00	22.38
Lamu	6.46	6.33	7.07	6.95	7.30	7.24	6.99	6.91	6.77	6.69
Total Isolated	31.97	31.09	32.89	32.72	27.97	27.53	27.01	26.92	29.77	29.07
Wind Turbine										
Old Ngong Wind (0.35MW)	0.00	0.00	0.00	0.00	-	-	-	-	-	-
Ngong'   Phase   &2	25.47	25.04	16.68	16.66	17.59	17.59	13.92	13.92	15.20	14.58
Ngong' II	31.88	31.62	20.48	20.45	-	-	-	-	-	-
Total Wind	57.35	56.66	37.16	37.11	17.59	17.59	13.92	13.92	15.20	14.58
TOTAL KenGen	7,993.46	7,819.09	7,194.55	7,026.87	6,173.43	6,084.37	6,104.49	6,022.72	5,462.66	5,371.52

- 1) The difference between the units generated and sold out is due to system losses and auxilliary consumption 2) System losses comprise of technical and non-technical losses
- 3) \*Kipevu Gas Turbines Relocated to Embakasi Nairobi

# Weighted Factors %

Plant	2015/2016	2015/2016		2014/2015		2013/2014		2012/2013		2011/2012	
	Effective Capacity	Availability	Load factor								
Hydro											
Tana	20	97.15	63.76	89.83	61.78	40.95	39.34	77.85	61.39	71.31	50.11
Wanjii	7.4	85.21	69.59	75.60	67.47	91.39	64.98	75.60	63.42	89.52	70.16
Kamburu	90	98.31	52.54	91.06	45.41	90.59	53.38	94.71	65.97	96.62	48.83
Gitaru	216	95.85	42.68	97.94	37.52	97.15	43.86	97.69	54.73	84.98	40.14
Kindaruma	70.5	99.58	35.07	96.15	26.77	90.81	32.58	71.98	65.38	85.18	47.09
Gogo	1.8	95.86	38.70	63.71	39.66	66.25	37.00	64.52	32.12	77.96	32.53
Sosiani	0.2	48.86	33.25	45.65	57.82	93.44	55.82	84.20	44.30	91.25	52.67
Mesco	0.43	96.06	66.03	96.25	67.08	69.70	72.61	8.04	0.00	0.00	0.00
Ndula	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sagana	1.5	85.26	52.79	87.70	57.45	99.42	68.88	82.59	73.87	96.25	68.92
Masinga	40	99.83	36.06	96.42	39.25	96.83	58.93	76.44	42.27	98.77	10.42
Kiambere	164	99.26	67.62	96.74	49.95	93.06	68.12	99.13	78.58	96.74	60.17
Turkwel	105	98.90	46.01	82.62	59.36	98.08	78.12	87.62	59.26	90.59	51.09
Sondu Miriu	60	99.59	79.60	97.58	71.45	97.95	66.78	81.29	74.75	95.61	77.72
Sangor'o	20	99.72	75.50	95.49	67.70	94.01	62.40	80.20	59.86	0.00	0.00
Total Effective Capacity	796.83										
Weighted Factors - Hydros		98.04	52.76	85.75	45.00	93.55	56.53	91.03	63.64	88.64	48.24
DIESEL											
Kipevu I Diesel	73.50	75.39	24.21	70.56	34.36	68.52	41.84	89.18	35.23	66.18	48.55
Kipevu III Diesel	115.00	97.84	17.66	95.57	29.68	96.38	52.04	93.85	31.56	92.92	51.82
Total Effective Capacity	188.50										
Weighted Factors - Diesel		89.09	20.21	87.00	31.28	86.83	48.54	92.25	32.82	83.75	50.70
GEOTHERMAL											
Olkaria I	44.00	93.21	87.65	91.05	86.32	97.15	99.23	88.31	95.65	73.11	74.10
Olkaria I AU	140.00	88.37	88.49	89.52	73.77						
Olkaria 2	101.00	96.93	93.19	90.71	85.49	79.70	92.20	78.79	78.62	85.50	94.50
Eburru	2.40	73.89	50.63	78.64	54.54	43.73	67.27		45.66	68.62	0.04
Wellhead 37	3.80	13.46	23.23	29.74	31.89	65.37	43.45		56.54	0.53	19.60
Wellhead 43	12.40	91.75	70.47	85.77	75.23	30.48	52.22	0.00	0.00	0.00	0.00
Wellhead 914	25.10	90.53	78.12	91.86	67.47						
Olkaria IV	140	94.78	83.04	91.05	86.77						
Total Effective Ca-	468.70										
pacity											
Weighted Factors - Geothermal		92.11	86.04	89.48	80.64	79.65	88.38	78.01	82.77	78.60	84.10

# Weighted Factors %

	2015/2016	2015/2016		2014/2015		2013/2014		2012/2013		2011/2012	
Plant	Effective Capacity	Availability	Load factor								
Gas Turbines											
Gas Turbine	54.00	80.51	20.66	73.09	0.87	87.14	17.18	36.94	11.24	42.00	6.28
Total Effective Capacity	54.00	80.51	20.66								
Weighted Factors - GT's		80.51	20.66	73.09	0.87	87.14	17.18	36.94	11.24	42.00	6.28
Isolated Diesels											
Garissa (KenGen)	6.20	92.69	45.45	94.31	19.29	90.17	37.35	72.76	38.08	74.00	39.30
Garissa (Aggreko)	3.40	93.73	65.37	99.10	70.63						
Lamu	1.52	86.40	47.58	87.30	44.04	87.27	48.04	90.98	35.84	88.29	39.21
Total Effective Capacity	11.12										
Weighted Factors - Isolated		92.15	51.83	94.47	45.36	89.52	39.74	76.83	37.58	85.10	39.23
Wind Turbine											
Ngong I phase I	5.10	82.03	29.70	74.90	19.36	91.63	39.38	70.00	31.15	69.30	38.05
Ngong I phase II	6.80	84.58	19.64	84.34	27.74						
Ngong II	13.60	81.23	26.47	89.50	32.97						
Total Effective Capacity	25.50										
Weighted Factors - Ngong'		82.28	25.29	85.20	28.85	91.63	39.38	70.00	31.15	69.30	38.05

Notes.

Availability and Load Factor is a Percentage (%)



# SHAREHOLDERS CALENDAR

# Notice of the Annual General Meeting

NOTICE IS HEREBY GIVEN THAT THE SIXTY-FOURTH ANNUAL GENERAL MEETING of the Company will be held at the Safaricom Indoor Arena, Kasarani, Thika Road, Nairobi on Wednesday, 30th November 2016 at 11.00 a.m. to conduct the following business:

#### **Ordinary Business**

- 1. To table the proxies and note the presence of a quorum.
- 2. To read the Notice convening the meeting.
- 3. To consider and if approved, adopt the Company's audited financial statements for the year ended 30th June 2016, together with the Chairman's, Directors' and Auditors' Reports thereon.
- 4. To approve payment of Directors' fees for the year ended 30th June 2016.
- 5. Auditors:
  - To note that the audit of the Company's books of accounts will continue to be undertaken by the Auditor-General or an audit firm appointed by him in accordance with Section 23 of the Public Audit Act 2015.
- 6. To authorise the Directors to fix the remuneration of the Auditors.
- 7. In accordance with the provisions of Section 769 of the Companies Act 2015, the following directors, being members of the Audit & Risk Management Committee of the Board be elected to continue to serve as members of the said Committee:
  - (i) Mrs. Dorcas Kombo
  - (ii) Mr. Humphrey Muhu, Alternate Director to the Cabinet Secretary The National Treasury
  - (iii) Mr. Kairu Bachia
  - (iii) Mr. Joseph Sitati
- 8. To elect Directors:

In accordance with Article 104 of the Articles of Association of the Company, the following Directors retire by rotation, and being eligible, offer themselves for re-election:

- (i) Mr. Joshua Choge, who retires on rotation in accordance with Article 104 of the Articles of Association of the Company and being eligible offers himself for re-election as a Director of the Company.
- (ii) Dr. Eng. Joseph Njoroge, Principal Secretary Ministry of Energy & Petroleum, who retires on rotation in accordance with Article 104 of the Articles of Association of the Company and being eligible offers himself for re-election as a Director of the Company.
- (iii) Mrs. Ziporah Ndegwa, who retires on rotation in accordance with Article 104 of the Articles of Association of the Company and being eligible offers herself for re-election as a Director of the Company.
- (iv) Ms. Millicent Omanga, who retires on rotation in accordance with Article 104 of the Articles of Association of the Company and does not offer herself for re-election as a Director of the Company.
- 9. To consider any other business for which due notice has been given.

By Order of the Board

Rebecca Miano
Company Secretary

19 October 2016

### Notice of the Annual General Meeting

#### **NOTES:**

- I. A member entitled to attend and vote at the meeting and who is unable to attend is entitled to appoint a proxy to attend and vote on his or her behalf. A proxy need not be a member of the Company.
  - A Proxy Form may be obtained from the Company's website at www.kengen.co.ke, registered office of the Company, Stima Plaza, Kolobot Road, Parklands, Nairobi or offices of the Company's shares registrar firm, Image Registrars Limited, Barclays Plaza 5th Floor, Loita Street, Nairobi.
- 2. To be valid, the Proxy Form, must be duly completed by a member and must either be lodged at the registered offices of the Company's shares registrar firm, Image Registrars Limited, Barclays Plaza 5th Floor, Loita Street, P.O. Box 9287, 00100 GPO, Nairobi or be posted, or

- scanned and emailed to info@image.co.ke in PDF format; so as to reach Image Registrars not later than Monday, 28th November 2016 at 11.00 a.m.
- 3. In the case of a member being a limited Company, the Proxy Form must be completed under its Common Seal or under the hand of an officer or attorney duly authorised in writing.
- 4. In accordance with Article 137 of the Articles of Association of the Company, a copy of the entire Annual Report & Accounts may be viewed on the Company's website at www.kengen.co.ke or a printed copy may be obtained from the Registered Office of the Company, Stima Plaza, Kolobot Road, Parklands, Nairobi, P.O. Box 47936 00100 GPO, Nairobi.

# Ilani ya Mkutano

ILANI YA MKUTANO MKUU WA KILA MWAKA

# Ilani ya Mkutano

### **Proxy Form**

PO Box 47936 - 00100 GPO

#### **PROXY FORM**

NAIROBI
I/WEof
being a member of the above Company, hereby appoint:
of
or failing him/her
As witness my/our hand thisday of2016.
Signed

#### Notes:

- I. A member entitled to attend and vote is entitled to appoint one or more proxies to attend and vote in his stead and a proxy need not be a member of the Company.
- 2. In the case of a member being a limited Company this form must be completed under its Common Seal or under the hand of an officer or attorney duly authorised in writing.
- 3. The Proxy Form must be delivered to Image Registrars not later than Monday, 28th November 2016 at 11.00 a.m. Proxy Forms should be sent by post to Image Registrars of P O Box 9287, 00100 Nairobi. Alternatively, duly signed proxies can be scanned and emailed to info@image.co.ke in PDF format.

#### **FOMU YA UWAKILISHI**

PS.L.P. 47936 - 00100 GPO

NAIROBI
MIMI/ SISIwa
kama mwanachama wa Kampuni iliyotajwa hapa juu, namteua:
wa
au akikosawawawa mwakilishi wangu/wetu, kupiga kula kwa niaba yangu/yetu katika Mkutano Mkuu wa Kila Mwaka wa Kampuni utakaoandaliwa mnamo 30 Novemba 2016 au wakati wowote ule endapo utaahirishwa.
Kama mashahidi sahihi yangu/yetusiku ya
Sahihi

#### Maelezo:

- I. Mwanachama aliye na haki ya kuhudhuria na kupiga kura ana haki ya kuteua mwakilishi mmoja au zaidi kuhudhuria na kupiga kura kwa niaba yake na sio lazima mwakilishi awe mwanachama wa Kampuni.
- 2. Iwapo ni mwanachama wa kampuni ya dhima yenye kikomo, hii fomu ni lazima ijazwe chini ya nembo yake au mbele ya afisa au wakili ambaye ataidhinishwa kwa maandishi.
- 3. Fomu ya Uwakilishi ni lazima iwasilishwe kwa Image Registrars kabla ya Jumatatu, 28 Novemba 2016 saa 5 asubuhi. Fomu za Uwakilishi zinapasa kutumwa kwa posta kwa Image Registrars wa SLP 9287, 00100 Nairobi. Badala yake, fomu za uwakilishi zilizojazwa na kutiwa sahihi zinaweza kutolewa nakala na kutumwa kwa baruapepe info@image.co.ke kwa umbo la PDF.

### **Shareholder Notifications**

#### SHAREHOLDER NOTIFICATIONS

#### Update of Particulars

- For all CDS accountholders, please update your postal address, email address and bank account details at the CDSC through your Stockbroker or Custodian Bank.
- For all Share Certificate holders, please update your postal address, email address and bank account details at the offices of Image Registrars, Transnational Plaza 8th Floor, Mama Ngina Street, P.O. BOX 9287-00100 GPO Nairobi.

#### TAARIFA YA MWENYEHISA

#### Kuteng'eneza Upya/Kurekebisha Maelezo

- Kwa wote walio na akaunti za CDS, tafadhali toa maelezo mapya kuhusu anwani yako, barua pepe na akaunti ya benki katika CDSC kupitia wakala wako wa hisa au Benki Angalizi.
- Kwa wote walio na vyeti vya kumili hisa, tafadhali
  toa malezo upya kuhusu anwani yako ya posta, barua
  pepe na maelezo kuhusu akaunti yako ya benki katika
  afisi za Image Registrars, Transnational Plaza ghorofa
  ya nane, Mama Ngina Street, SLP 9287-00100 GPO
  Nairobi.

### **Dematerialisation of Shares**

The Central Depository and Settlement Corporation (CDSC) commenced operations in 2004 with the intention of facilitating the holding of shares in electronic accounts instead of paper/physical share certificates to enable electronic trading & settlement of shares. This migration would shorten the settlement period, and enhance the safety & security of dealing with shares listed on the securities. The first step towards achieving electronic trading of shares was immobilization of share certificates which commenced in 2004. The number of Central Depository System (CDS) accounts has grown significantly and CDSC is now targeting to have all the shares owned by Kenyans to be transferred into electronic accounts by 1st November 2013 through a process called Dematerialization.

We trust that the following FAQ's will explain the dematerialization process:

#### I) What is Dematerialization?

Dematerialization is the next step after immobilization. On the dematerialization date, the underlying physical certificates will cease to be evidence of ownership under the Company listed at the Nairobi Securities Exchange (NSE). Evidence of ownership will be in the electronic holdings maintained in the Central Depository System (CDS) operated by CDSC.

#### 2) What is a Dematerialized Security?

It is a book entry security which has been prescribed by CDSC under section 24 of the Central Depositories Act, whereby the underlying physical certificate is no longer recognized as evidence of ownership under the Companies Act Cap 486 on or after the dematerialization date.

#### 3) What is the impact of dematerialization?

Currently, shares can be withdrawn from a CDS account and held in a certificated form. With effect from the dematerialization date, shares will not be withdrawn from the CDS account because the law does not permit the issuing of share certificates with respect to a dematerialized security. Share Certificates will no longer be recognized as prima facie evidence of ownership and will be replaced with and electronic record at CDSC.

4) What do I need to do as a shareholder if I have already deposited all my shares in the CDS account? You shall not be required to take any further action as a result of dematerialization.

# 5) What happens if I do not immobilize my share certificates by the dematerialization date?

After the Dematerialization date, all shares that have not been immobilized will be reflected as a record in the CDS in the shareholder's name.

# 6) What if I want to access my shares which are held in CDS?

If you wish to access your shares for purposes of trading, you will be required to open a CDS account and follow a verification process through KenGen's shares registrar firm, Image Registrars Limited, after which your shares will be transferred to your personal CDS account.

#### 7) When is the dematerialization date?

CDSC will dematerialize securities of listed companies in three groups/tranches on 1st September 2013, 1st October 2013 and 1st November 2013 respectively.

KenGen's dematerialization date is 1st November 2013. Additionally, KenGen will place a notice in the newspapers informing the public about the dematerialization date for KenGen shares.

In the meantime, we urge shareholders who still hold physical certificates to immediately contact any Stockbroker for assistance to immobilize their shares.

#### 8) How do I keep track of my shares?

CDSC shall send you monthly statements if your account is active otherwise; you will receive your statement only once a year. However, if you would like to view/download/print your statements, you can visit the CDSC website at www.cdsckenya.com. You can also subscribe to the CDSC mobile services where you will receive an alert every time there is an activity in your accounts such as sale or purchase of shares for a minimum fee of Kshs. I 0.00 per alert. To subscribe, send the word 'register' to 22372 and follow the instructions.

### Kubadilishwa kwa Mfumo wa Kuhifadhi Hisa

#### KUBADILISHWA KWA MFUMO WA KUHIFADHI HISA KUTOKA KARATASI YA CHETI HADI REKODI YA KIELEKTRONIKI

Shirika la Central Depository and Settlement Corporation (CDSC) lilianza kutoa huduma zake 2004 kwa lengo la kufanikisha utoaji wa akaunti za elektroniki badala ya hati kamili za umiliki wa hisa kuwezesha uuzaji wa hisa kwa njia ya kieletroniki. Mpango huu utapunguza muda wa kununua na kuuza hisa zilizoorodheshwa kwenye soko la hisa la Nairobi. Hatua ya kwanza kufanikisha uuzaji wa hisa kwa njia ya kielektroniki ilikuwa kusalimisha hati zenyewe za hisa, hatua ambayo ilianza 2004. Idadi ya akaunti za . Central Depository System (CDS) imepanda maradufu na CDSC sasa inalenga kuhakikisha hisa zote zinazomilikuwa na Wakenya zinahamishwa kwa akaunti za kielektroniki kufikia Novemba 1, 2013 kupitia utaratibu unaohusisha kusalimisha vyeti vyenyewe vya hisa.

Tunaamini kuwa maswali na majibu yafuatayo yatafafanua ipasavyo utaratibu huo.

#### Kuhamisha hisa kutoka karatasi hadi mfumo wa kielektroniki ni nini?

Hii ndio hatua inayofuata baada ya kusitisha kutumia hati za umiliki wa hisa. Katika siku ya kuanza kutumia mfumo wa elektroniki, hati halisi zitakoma kuwa ithibati ya umiliki wa kampuni iliyoorodheshwa chini ya Soko la Hisa la Nairobi. Ithibati ya umiliki itakuwa kupitia kwa akaunti ya kielektroniki (CDS) ambayo inasimamiwa na CDSC.

# 2) Thibitisho la usalimishaji wa hati za umiliki wa hisa ni lipi?

Ni kujazwa kwa maelezo yaliyo kwenye hati ya umiliki ambayo yamependekezwa na CDSC chini ya sehemu 24 ya Sheria ya Central Depositories, ambapo cheti chenyewe cha karatasi hakitatambuliwa tena kama ushahidi wa umiliki chini ya Sheria ya Kampuni Sura 486 katika siku yenyewe ya mwisho au baada ya kuhamia mfumo wa kielektroniki.

# 3) Athari ya kuhamisha hisa kutoka karatasi hadi mfumo wa kielektroniki ni ipi?

Kwa sasa, hisa zinaweza kuondolewa kutoka kwa akaunti ya CDS na kuhifadhiwa kwa njia ya cheti. Lakini kwanzia tarehe ya kuhamishwa kwa hisa kutoka karatasi hadi mfumo wa kielekroniki, hisa haziwezi kuondolewa kwenye akaunti ya CDS kwa kuwa sheria hairuhusu kutolewa kwa vyeti vya hisa kama ushahidi. Vyeti vya hisa havitatambuliwa tena kama ushahidi wa umiliki na badala yake kutakuwa na rekodi katika akaunti ya kielektroniki katika CDSC.

#### 4) Ninahitajika kufanya nini kama mwenyehisa ikiwa tayari nimeweka hisa zangu zote kwenye akaunti ya CDS?

Hautahitajika kufanya chochote zaidi kutokana na utaratibu huu mpya wa kusitisha matumizi ya vyeti kama ushahidi wa umiliki.

# 5) Nini itafanyika iwapo sitasalimisha hati zangu za umiliki kufikia tarehe ya kuhamishwa kwa hisa kutoka karatasi hadi mfumo wa kielekroniki?

Baada ya tarehe hiyo, hisa zote ambazo hati zake za umiliki hazitakuwa zimesalimishwa zitaonekana kama rekodi katika akaunti ya CDS katika jina la mwenyehisa.

#### 6) Na iwapo ningependa kuchukua hisa zangu zilizoko katika akaunti ya CDS?

Ikiwa utahitaji kufikia hisa zako kwa lengo la kuziuza, utahitajika kufungua akaunti ya CDS na kufuata utaratibu wa uthibitishaji kupitia kwa kampuni ya hisa za KenGen, Image Registrars Limited, na baada ya hapo hisa zako zitahamishwa hadi akaunti yako ya CDS.

## 7) Ni lini hisa zitahamishwa kutoka karatasi hadi mfumo wa kielekroniki?

CDSC itahamisha hisa za kampuni zilizoorodheshwa kwenye soko la hisa katika makundi/awamu tatu mnamo Septemba 1, 2013, Oktoba 1, 2013 na Novemba 1, 2013 zikifuatana.

Tarehe ya kuhamishwa kwa hisa za KenGen ni Novemba I, 2013. Isitoshe, KenGen itaweka tangazo kwenye magazeti kufahamisha umma kuhusu tarehe ya kuhamishwa kwa hisa za KenGen.

Lakini kwa sasa, tunahimiza wenyehisa ambao bado wana vyeti vya umiliki kuwasiliana mara moja na mawakala wa hisa kwa usaidizi kuhamisha hisa zao.

#### 8) Nitafuatiliaje hisa zangu?

CDSC itakuwa inakutumia taarifa za kila mwezi ikiwa akaunti yako ina shughuli nyingi; la sivyo utakuwa unapokea taarifa yako mara moja kwa mwaka. Hata hivyo, ikiwa ungependa kuchapisha taarifa zako, unaweza kutembelea tovuti ya CDSC katika www.cdsckenya.com. Pia unaweza kujiandikisha kupokea huduma za CDSC mobile ambapo utakuwa unapokea ujumbe kila kunapokuwa na shughuli kwenye akaunti zako kama vile uuzaji na ununuzi wa hisa kwa ada ndogo ya Sh I 0.00 kwa kila ujumbe. Ili kujiandikisha, tuma neon "Register" kwa 22372 na kufuata maagizo.

### Shareholders Calendar

#### **BANK DETAILS**

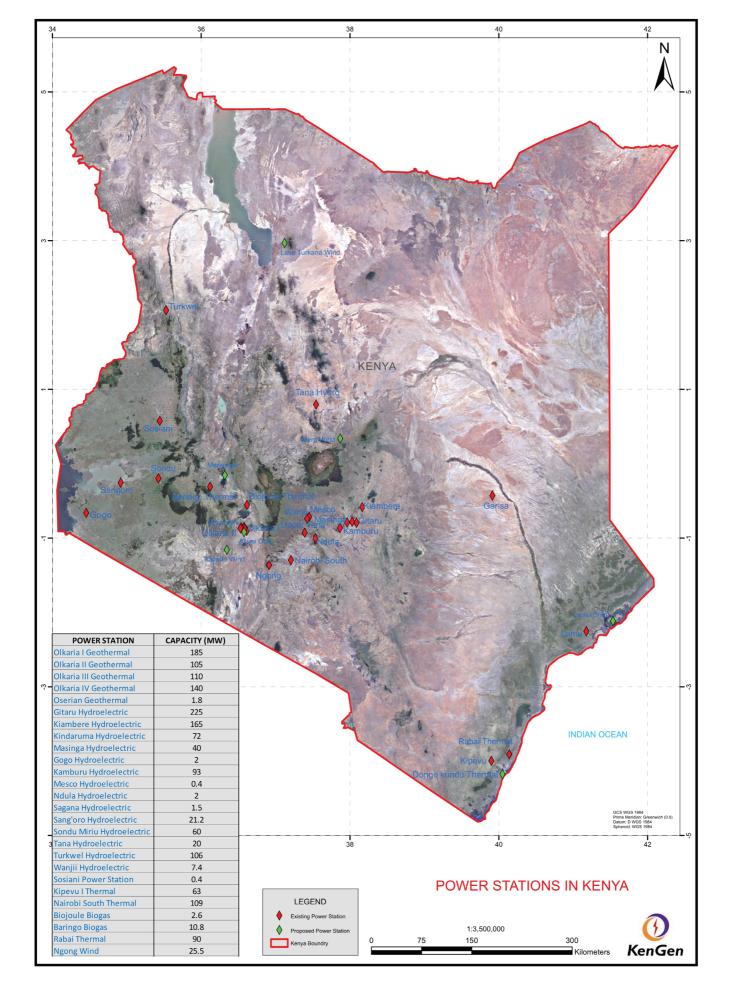
We encourage all shareholders who hold certificates and whose dividends are paid via cheques to provide their bank details to our Company's shares registrar firm, Image Registrars Limited, Transnational Plaza 8th Floor, Mama Ngina Street, Nairobi P.O. Box 9287, 00100 GPO, Nairobi Tel: 020-2212065/2230330, 0770052116, 0735565666,0724699667, email: info@image.co.ke to enable us post the future dividends directly to their bank accounts.

Also, we encourage all shareholders who hold CDSC accounts and whose dividends are paid via cheques to provide their bank details through their stockbrokers to enable us post the future dividends directly to their bank accounts.

#### **UNCLAIMED DIVIDENDS**

Further to the Unclaimed Financial Assets Act 2011, we are appealing to Shareholders who have unclaimed dividends to do so with immediate effect to avoid the dividends being surrendered to the Unclaimed Assets Authority.

Dividend enquiries can be made at the Shares & Securities Office, Stima Plaza, Kolobot Road, Parklands, Nairobi P.O. Box 47936-00100 Nairobi, Tel: 020-3666961/4, 0711036961/4, email: shares@kengen.co.ke or offices of the Company's shares registrar firm, Image Registrars Limited, Transnational Plaza 8th Floor, Mama Ngina Street, Nairobi P.O. Box 9287, 00100 GPO, Nairobi Tel: 020-2212065/2230330, 0770052116,0735565666,0 724699667, email: info@image.co.ke



#### **HEAD OFFICE**

Stima Plaza, Phase III
Kolobot Road, Parklands
P. O. Box 47936, 00100 GPO
Nairobi, Kenya
Tel: +254-20-3666000
Mobile: +254-711-036000 |
+254-732-116000
Fax: +254-20-2248848
E-mail: pr@kengen.co.ke

#### ADDRESSES OF STATIONS

Olkaria Geothermal Power Stations P.O. Box 785 - 20117,

Tel: 050 - 20233/4 | 050 2021223

Fax: 050 - 2021223 Mobile: 0722 202894 **Stations**P.O. Box 874 - 40100, Kisum
Tel: 057 - 2023800

**Western Hydro Power** 

Fax: 057 - 2023800 Fax: 057 - 2023855 Mobile: 0728 608203 0738 600078 **Eastern Hydro Power Stations** 

P.O. Box 205 - 60100, Emi Tel: 020 - 2310323 Fax: 020 - 2310324 Mobile: 0722 509500 0735 826344 Thermal Power Stations

P.O. Box 80801 - 80100 Mombasa

041 - 3434876 Fax: 041 - 3435431 Mobile: 0722 2653900

