

Coy

Recommended for approval for tabling.

Eg 15/04/2025

REPUBLIC OF KENYA



Rt. Hon. Speaker\*  
You may approve for tabling  
J. M. Nyegenye, C.B.S.,  
Clerk of the senate/ secretary PSC  
Date: 15/04/25

THIRTEENTH PARLIAMENT

PARLIAMENT OF KENYA LIBRARY

THE SENATE

THE STANDING COMMITTEE ON ENERGY

REPORT ON THE COUNTY OVERSIGHT AND NETWORKING ENGAGEMENTS IN WAJIR COUNTY

PAPERS LAID	
DATE	17/04/2025
TABLED BY	CHAIRPERSON
COMMITTEE	
CLERK AT THE TABLE	ABIGAIL N.

16/04/25

APPROVED  
RT. HON. SEN  
AMASON J. KINGI

Clerks Chambers,  
Parliament Buildings,  
NAIROBI.

APRIL, 2025

**RE. Hon. Speaker.**  
You may appear for the first  
J.M. Nye, Secretary  
Clerk of the House of Representatives  
Washington, D.C.

1912  
1913  
1914

## TABLE OF CONTENTS

<b>TABLE OF CONTENTS</b>	<b>1</b>
<b>LIST OF ABBREVIATIONS</b>	<b>2</b>
<b>LIST OF ANNEXURES</b>	<b>3</b>
<b>PRELIMINARIES</b>	<b>4</b>
<b>A. Establishment and Mandate of the Standing Committee on Energy</b>	<b>4</b>
<b>B. Membership of the Committee</b>	<b>4</b>
<b>C. Functions of the Committee</b>	<b>4</b>
<b>D. Government Agencies and Departments</b>	<b>5</b>
<b>CHAIRPERSON'S FOREWORD</b>	<b>6</b>
<b>ADOPTION OF THE REPORT</b>	<b>10</b>
<b>CHAPTER ONE</b>	<b>11</b>
A. Introduction	11
B. Background	11
C. Methodology	12
<b>CHAPTER TWO</b>	<b>13</b>
<b>COMMITTEE PROCEEDINGS</b>	<b>13</b>
A. Submissions by the Governor, Wajir County	13
B. Submissions by the County Commissioner, Ministry of Interior and National Administration (MINA)	13
C. Submissions by Wajir County Assembly	13
D. Visit to Kenya Power and Lighting Company Substation	13
E. Submissions by REREC	14
F. Visit to Wajir County Recycling Plant and Industrial Park	18
G. Visit to Tarbaj Teacher's Training College	18
<b>CHAPTER THREE</b>	<b>19</b>
<b>COMMITTEE OBSERVATIONS AND RECOMMENDATIONS</b>	<b>19</b>
A. Committee Observations	19
B. Committee Recommendations	20

**LIST OF ABBREVIATIONS**

ECD	Early Childhood Development
KOSAP	Kenya Off Grid Solar Access Project
KPLC	Kenya Power and Lighting Company
REREC	Rural Electrification and Renewable Generation Cooperation
TCC	Teachers Training College

## **LIST OF ANNEXURES**

1. *Annex 1:* Minutes of The Committee Sittings
2. *Annex 2:* Schedule of Committee sittings
3. *Annex 3:* Submissions from Rural Electrification and Renewable Generation Cooperation
4. *Annex 4:* REREC Public Schools Electrification Status

## PRELIMINARIES

### A. Establishment and Mandate of the Standing Committee on Energy

The Standing Committee on Energy is established under standing order 228 (3) of the Senate Standing Orders and is mandated to consider all matters related to fossil fuels exploration, development, production, maintenance and regulation of energy.

### B. Membership of the Committee

The Committee is comprised of the following Members:

- |  |   |                         |
|--|---|-------------------------|
| 1. Sen. (Dr.) Oburu Oginga, MGH, MP    | - | <b>Chairperson</b>      |
| 2. Sen. William Kisang' Kipkemoi, MP   | - | <b>Vice-Chairperson</b> |
| 3. Sen. (Dr.) Boni Khalwale, CBS, MP   | - | Member                  |
| 4. Sen. Ledama Olekina, MP             | - | Member                  |
| 5. Sen. James Lomenen Ekomwa, MP       | - | Member                  |
| 6. Sen. Danson Buya Mungatana, MGH, MP | - | Member                  |
| 7. Sen. Edwine Watinya Sifuna, CBS, MP | - | Member                  |
| 8. Sen. Veronica Maina, MP             | - | Member                  |
| 9. Sen. Beatrice Ogolla, MP            | - | Member                  |

### C. Functions of the Committee

Pursuant to Standing Order 228(3), the Committee functions to –

1. Investigate, inquire into, and report on all matters relating to the mandate, management, activities, administration and operations of its assigned ministries and departments;
2. Study the program and policy objectives of its assigned ministries and departments, and the effectiveness of the implementation thereof;
3. Study and review all legislation referred to it;
4. Study, assess and analyse the success of the ministries and departments assigned to it as measured by the results obtained as compared with their stated objectives;
5. Consider the Budget Policy Statement in line with Committee's mandate;
6. Report on all appointments where the Constitution or any law requires the Senate to approve;
7. Make reports and recommendations to the Senate as often as possible,

including recommendations of proposed legislation;

8. Consider reports of Commissions and Independent Offices submitted to the Senate pursuant to the provisions of Article 254 of the Constitution;
9. Examine any statements raised by Senators on a matter within its mandate; and
10. Follow up and report on the status of implementation of resolution within their mandate.

**D. Government Agencies and Departments**

In exercising its mandate, the Committee oversees the County Governments, the Ministry of Energy and Petroleum and its various Semi-Autonomous Government Agencies (SAGAs). The SAGAs include;

1. Energy and Petroleum Regulatory Authority (EPRA)
2. Kenya Power & Lighting Company Limited (KPLC)
3. Kenya Electricity Generating Company Limited (KENGEN)
4. Kenya Electricity Transmission Company Limited (KETRACO)
5. Rural Electrification and Renewable Energy Company (REREC)
6. Nuclear Power and Energy Agency (NuPEA)
7. Geothermal Development Company (GDC)

## CHAIRPERSON'S FOREWORD

At its sitting held on 8<sup>th</sup> October, 2024, the Standing Committee on Energy resolved to undertake a series of county engagement visits aimed at assessing key factors affecting the energy sector at the county level. The visits prioritized historically marginalized counties in the northern frontier, major urban centers and cities, as well as counties situated along key transit corridors.

Accordingly, on Friday, 25<sup>th</sup> October, 2025, the Committee conducted an oversight visit to Wajir County. During the visit, the Committee held consultative meetings with the Governor and members of the County Executive Committee; Members of the Wajir County Assembly; and, national and regional representatives of the Kenya Power and Lighting Company (KPLC) and the Rural Electrification and Renewable Energy Corporation (REREC). The Committee also toured the Wajir KPLC substation and visited key energy-related projects within the county, including the Wajir County Recycling Plant and Industrial Park, and a teachers' training college.

Having reviewed the submissions received and analysed the issues arising from the engagement, the Committee made the following observations -

1. Wajir County is not connected to the national electricity grid, making it dependent on localized power generation. This isolation has exacerbated the region's energy insecurity and limited economic development opportunities;
2. Wajir faces significant energy infrastructure challenges: The KPLC substation serving the county relies on four diesel generators—only two of which are owned by KPLC. The KPLC-owned generators are outdated, poorly maintained, costly to operate, inefficient, and environmentally unsustainable. At the time of the Committee's visit, one of the generators was non-operational, while the other was functioning at less than 40% of its total capacity. As a result, there is an over-reliance on the two leased generators, which has led to frequent power outages and load shedding. This has undermined security, sparked public unrest, disrupted essential services, and negatively impacted local businesses;
3. The Committee also noted that costly power poles and other electrical equipment were lying unattended within the KPLC compound in Wajir. This raised concerns regarding poor inventory management, potential wastage of public resources, and delays in, and/or non-implementation of planned electrification projects in the county. The lack of proper utilization and accountability for these materials may further undermine efforts to improve electricity access in the county.
4. In addition, many development projects in the county continue to face operational challenges due to a lack of reliable electricity, significantly limiting their growth and overall effectiveness. The county's recycling plant and industrial park are prime examples: Despite their potential to transform the regional economy, their expansion and optimal utilization have been severely constrained by frequent power shortages.

5. There is a critical need for greater transparency in the award of energy sector contracts to ensure local contractors benefit from ongoing and future projects. Additionally, enhanced funding for oversight function of Wajir's County Assembly is necessary to strengthen accountability in energy infrastructure development within the county.
6. While solar power has been introduced in schools and other facilities, its long-term viability remains uncertain due to the lack of a sustainability plan, inadequate funding for battery maintenance, and reliance on inefficient lead-acid batteries.

Based on these observations, the Committee recommends, THAT—

1. The Ministry of Energy and Petroleum should prioritize historically marginalized, off-grid counties, particularly Wajir, in the implementation of future power transmission projects to promote equity in electricity access. In this regard, the Ministry should submit the feasibility studies on a proposed Garissa-Wajir transmission line within three (3) months of tabling this report.
2. KPLC should prioritize the procurement and installation of modern, energy-efficient generators to replace and/or supplement the aging fleet currently serving Wajir County. In addition, the Corporation should implement a robust and regular maintenance schedule to enhance the longevity, efficiency, and reliability of the power infrastructure. A status report on the progress of these interventions should be submitted to the Committee within six (6) months of tabling this report.
3. The Office of the Auditor-General should conduct a special audit on KPLC's inventory management practices in Wajir County. The audit should specifically focus on the generators, as well as the status, storage, and utilization of electrical equipment and materials (such as power poles) stored within the KPLC compound. The audit will assess the value, condition, and intended purpose of these materials, investigate whether there has been wastage of public resources, and evaluate the impact of poor inventory management on the delays or non-implementation of electrification projects in the county. The Auditor-General is expected to submit a report to the Senate within three (3) months of tabling this report..
4. The Ministry of Energy and Petroleum through its agencies KPLC and REREC, should ensure greater transparency in the award of energy sector contracts in the county by adopting clear, public procurement guidelines that prioritize local contractors for both ongoing and future energy projects.

To enhance accountability, the Ministry should also publish contractor lists for all energy projects and ensure a fair and transparent award of tenders.

Additionally, the Ministry should also establish a monitoring framework to track the progress and ensure equitable participation of local enterprises. The Ministry should submit a report to the Senate within three (3) months of the tabling of this report.

5. The Office of the Controller of Budget should undertake to ensure that the County Assembly of Wajir receives adequate funding to facilitate its oversight function and enable it to effectively monitor and ensure accountability in the implementation of energy infrastructure projects within the county. A report on the status of these actions should be submitted to the Committee within six (6) months of tabling this report.
6. The Ministry of Energy and Petroleum should prioritize the transition to solar PV-diesel hybrid systems in Wajir County with a view towards reducing dependency on conventional power sources. A status report on the progress of this transition should be submitted to the Committee within six (6) months of tabling this report.
7. REREC should install standalone solar hybrid systems (comprising solar panels, storage batteries, and backup generators) in priority projects, such as the Wajir recycling plant and industrial park to guarantee consistent power supply and submit a status report to the Committee within six (6) months of tabling this report.
8. The Ministry should facilitate the transition from lead-acid to advanced energy storage solutions, such as lithium-ion batteries, and implement programs to promote low-cost alternatives. Furthermore, the Ministry should develop a sustainability framework including dedicated funding for battery replacements, technician training, and community engagement and submit a status report to the Committee within six (6) months of tabling this report.

### **Acknowledgements**

On behalf of the Committee, I wish to extend my sincere gratitude to Sen. Abbas Sheikh Mohammed, MP, the Senator representing Wajir County, for the warm reception and the invaluable support provided during the Committee's oversight visit.

I also wish to acknowledge and appreciate the Governor of Wajir County, the Speaker and Members of the County Assembly of Wajir and the County Executive Committee for their engagement, submissions, and facilitation during the visit.

My appreciation further extends to KPLC, REREC and the other stakeholders who participated in the engagements and provided submissions that enriched the Committee's analysis and recommendations.

I also commend the Members of the Committee for their unwavering commitment during the visit, drafting of this report, and formulation of the final conclusions and recommendations.

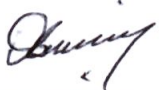

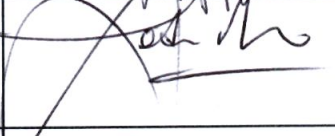


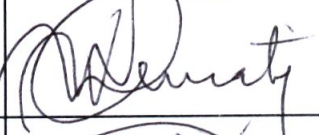

Lastly, I wish to thank the Office of the Speaker and the Office of the Clerk of the Senate for their continued support in enabling the Committee to fulfill its mandate.

It is now my pleasant duty and privilege to present this report of the Standing Committee on Energy, for consideration and approval by the House pursuant to Standing Order No. 223 (6) of the Senate Standing Orders.

Signed.....*Oburu*..... Date.....*15/4/25*.....  
**SEN. (DR.) OBURU OGINGA, MGH, MP**  
**CHAIRPERSON, STANDING COMMITTEE ON ENERGY**

**ADOPTION OF THE REPORT OF THE STANDING COMMITTEE ON  
ENERGY OF THE COUNTY OVERSIGHT AND NETWORKING  
ENGAGEMENTS IN WAJIR COUNTY**

We, the undersigned Members of the Standing Committee on Energy of the Senate, do hereby append our signatures to adopt this Report-

	<b>Name</b>	<b>Designation</b>	<b>Signature</b>
1.	Sen. (Dr.) Oburu Oginga, MGH, MP	Chairperson	
2.	Sen. William Kisang' Kipkemoi, MP	Vice-Chairperson	
3.	Sen. (Dr.) Boni Khalwale, CBS, MP	Member	
4.	Sen. Ledama Olekina, MP	Member	
5.	Sen. James Lomenen Ekomwa, MP	Member	
6.	Sen. Danson Buya Mungatana, MGH, MP	Member	
7.	Sen. Edwine Watinya Sifuna, CBS,MP	Member	
8.	Sen. Veronica Maina,MP	Member	
9.	Sen. Beatrice Ogolla,MP	Member	

## CHAPTER ONE

### A. Introduction

1. Article 96(1) of the Constitution mandates the Senate to represent the counties and serve to protect the interests of the counties and their governments. Article 124 (1) provides that each House of Parliament may establish committees, and shall make Standing Orders for the orderly conduct of its proceedings including the proceedings of its committees.
2. The Standing Committee on Energy is established pursuant to standing order 228 (3) and the Fourth Schedule of the Senate Standing Orders and is mandated to consider all matters related to fossil fuels exploration, development, production, maintenance and regulation of energy. This includes oversight and networking engagements at the county level.
3. At its sitting held on 8<sup>th</sup> October, 2024, the Standing Committee on Energy resolved to undertake a series of county engagement visits aimed at assessing key factors affecting the energy sector at the county level. The visits were to prioritize historically marginalized counties in the northern frontier, major urban centers and cities, as well as counties situated along key transit corridors.
4. The specific objective of these engagements were to -
  - a) Assess the energy and power infrastructure by evaluating the reliability and sustainability of Wajir County's power supply, with a focus on challenges arising from reliance on diesel generators, mini-grids, and solar power connectivity.
  - b) Review the progress of development projects by examining the current status of key energy infrastructure projects and rural electrification efforts, while identifying gaps and areas requiring additional investment.
  - c) Engage stakeholders for sustainable solutions through discussions with relevant government agencies, including Kenya Power, REREC, and the Ministry of Energy and Petroleum, to explore long-term solutions such as national grid connectivity, renewable energy investments, and enhanced project financing.

### B. Background

5. Wajir County has historically faced significant challenges in its energy infrastructure. Current challenges are exacerbated by a reliance on aging diesel generators, unstable and unreliable power supply, and limited investment in sustainable energy solutions.
6. Frequent blackouts and load shedding in the county have disrupted essential services and hindered industrial growth, economic development, and public safety. The high operational costs of diesel generators, coupled with fuel shortages, have rendered the current system unsustainable. Additionally, the lack of a reliable power supply to critical institutions, such as schools, health facilities, and the recycling plant, has further exacerbated the region's development struggles.

7. Despite ongoing solar power initiatives, including the installation of mini-grids and school electrification programs, maintenance gaps and limited battery life spans have continued to pose challenges. Without a structured long-term sustainability plan, many of these projects risk becoming non-functional. Furthermore, the recycling plant, which plays a crucial role in waste management and job creation, remains unable to expand due to power limitations. The county's overall economic potential remains untapped due to the lack of sufficient and affordable energy sources.
8. In order to address its challenges, Wajir County urgent needs to transition to more sustainable and cost-effective energy solutions. Connecting the region to the national grid, increasing investments in solar and hybrid energy systems, and ensuring timely maintenance of existing infrastructure are crucial steps toward achieving energy security. Additionally, financial support from both the county and national governments is required to maintain and expand renewable energy projects. Prioritizing energy sustainability, therefore, will not only strengthen public services but also unlock the county's full development potential.

### **C. Methodology**

9. In conducting the visit, the Committee held consultative meetings with the Governor and members of the County Executive Committee; Members of the Wajir County Assembly; and, national and regional representatives of the Kenya Power and Lighting Company (KPLC) and the Rural Electrification and Renewable Energy Corporation (REREC).
10. The Committee also toured the Wajir KPLC substation and visited key energy-related projects within the county, including the Wajir County Recycling Plant and Industrial Park, and a teachers' training college.
11. The Committee further reviewed relevant documents and memoranda as submitted by the County Government, and the various stakeholders including REREC and KPLC. The Committee's findings, observations, and recommendations arising from this process are contained in this report.

## **CHAPTER TWO**

### **COMMITTEE PROCEEDINGS**

12. The Committee visited Wajir County on Friday, 25<sup>th</sup> October, 2025, in the company of the Area Senator. Details of the visit are outlined below:

#### **A. Submissions by the Governor, Wajir County**

13. The Governor welcomed the Committee to Wajir County and appreciated the Senate's efforts in addressing the challenges and issues facing the energy sector in the county.

14. He noted that Wajir County had been historically marginalized, and its challenges in the sector largely stemmed from not being connected to the main grid. He noted that this had affected the smooth delivery of essential services, led to public arrest and severely hampered economic development in the county.

#### **B. Submissions by the County Commissioner, Ministry of Interior and National Administration (MINA)**

15. The Commissioner noted that Wajir County had historically faced significant challenges in its energy infrastructure. Current challenges are exacerbated by a reliance on aging diesel generators, unstable and unreliable power supply, and limited investment in sustainable energy solutions.

16. Further, he noted that frequent blackouts and load shedding in the county had disrupted essential services, hindered industrial growth, economic development, and hindered public safety efforts.

#### **C. Submissions by Wajir County Assembly**

17. Wajir County Assembly highlighted several critical issues: while major roads have been tarmacked, the industrial park lacks full funding, hindering its completion and operationalization.

18. Additionally, the reliance on borehole water with high salinity has been linked to an increase in kidney diseases among residents.

19. The County Assembly's oversight functions are underfunded, limiting effective governance and accountability. Furthermore, Wajir County remains unconnected to the national power grid, depending solely on diesel generators for electricity, which poses sustainability challenges.

#### **D. Visit to Kenya Power and Lighting Company Substation**

20. Wajir County relies entirely on diesel generators for its power supply, with power lines extending up to 220 km to reach some residents. Despite a peak power demand of 3.2 MW, frequent load shedding occurs due to generator limitations.

21. Although the total generator capacity is 4 MW, aging infrastructure has reduced its effective output to 3.2 MW. Generators have been installed in various locations, including Habaswain, Eldas, Kutulo, and Korondile, consuming approximately 14,000 liters of Heavy Fuel Oil (HFO) daily.

22. The high cost of fuel makes power generation unsustainable, with the Wajir Substation failing to generate profits from power sales. This limited and unreliable power supply hinders industrial development in the region.
23. Additionally, the county relies on leased generators, as KPLC-owned generators have exceeded their operational capacity.
24. Kenya Power was scheduled to deliver a new generator to Wajir on March 18, 2023. However, the delivery has not yet been made, and follow-up with the Ministry of Energy and Petroleum are reportedly ongoing.

### **E. Submissions by REREC**

25. Rural Electrification and Renewable Energy Corporation, (REREC) is established under the Energy Act, 2019. It is mandated to oversee the implementation of rural electrification programmes and projects; develop, promote and manage the use of renewable energy and technologies.
26. The Corporation was mandated to undertake electrification of all public primary schools which did not have power supply to facilitate the government Digital Learning Program. As part of its support to the program, the Corporation has provided solar powered electricity to 4,881 public schools in various parts of the country.
27. A total of 261 schools in Wajir County have been connected to solar power across various constituencies, including Eldas, Tarbaj, Wajir East, Wajir North, Wajir South, and Wajir West.
28. However, 121 schools require scheduled battery maintenance, which has stalled due to a lack of funding. The cost of battery maintenance is Ksh. 800,000 per school, and batteries typically need replacement every 2-3 years. The batteries used are lead-acid type, which have a short lifespan and limit power availability to daytime only.
29. Additionally, 1,444 residents have been connected to power through REREC solar mini-grid projects. The County has 8 mini-grids and 20 boreholes under the KOSAP project.
30. Table 1 below outlines the distribution of projects across Mandera, Wajir, and Garissa counties. The Rural Electrification and Renewable Energy Corporation (REREC) has a total of 963 projects in these three counties.

***Table 1: Summary of REREC Projects in Mandera, Wajir and Garissa Counties***

County	Projects					Total Per County
	Schools on Solar	Highmasts/ Streetlights	Minigrids	Diesel Generators	KOSAP Boreholes	
<b>Mandera</b>	277	109	6	4	27	<b>423</b>
<b>Wajir</b>	261	—	8	3	15	<b>287</b>

<b>Garissa</b>	218	9	4	2	20	<b>253</b>
<b>Total no. of Projects</b>	<b>756</b>	<b>118</b>	<b>18</b>	<b>9</b>	<b>62</b>	<b>963</b>

31. Notably, Mandera County leads with 423 projects, including 277 schools with solar installations, 109 highmasts/streetlights, and 27 KOSAP boreholes; Wajir County has 287 projects, consisting of 261 solar-powered schools, 15 KOSAP boreholes, and 8 mini grids, but no highmasts/streetlights; and, Garissa County has 253 projects, including 218 schools with solar power, among other initiatives.

32. Table 2 below shows that 46% of solar-powered schools (121 out of 261) in Wajir require maintenance, pointing to systemic challenges in sustaining these systems after installation. Notably, **Wajir North** stands out, with 85% of its solar schools already maintained (35 out of 41), indicating effective maintenance strategies that could serve as a model for other constituencies. These disparities underscore the need for more balanced resource allocation and highlight the urgent requirement to address maintenance gaps to ensure the long-term functionality of solar energy initiatives.

**Table 2: Schools Installed with Solar in Wajir County**

<b>Item</b>	<b>Constituency</b>	<b>No of Schools</b>		
		<b>With Solar</b>	<b>Maintained</b>	<b>Scheduled for Maintenance</b>
1	Eldas	21	9	12
2	Tarbaj	23	10	13
3	Wajir East	48	23	25
4	Wajir North	41	35	6
5	Wajir South	101	48	53
6	Wajir West	27	15	12
	<b>Total</b>	<b>261</b>	<b>140</b>	<b>121</b>

33. Urgent maintenance is needed in high-priority areas such as Wajir South and East, with a focus on adopting the effective strategies used in Wajir North. To address the disparities, resources should be reallocated to expand solar access in underserved areas while incorporating long-term maintenance funding. Strengthening monitoring systems, training local technicians, fostering community engagement, and aligning new installations with local maintenance capacity will ensure sustainable, efficient, and equitable solar energy outcomes for schools.

34. Table 3 below outlines eight (8) solar energy projects in Wajir County, detailing their sites, constituencies, power capacity (kW), and number of connections. Collectively, these projects provide 1,444 connections to consumers and a total power capacity of 700 kW, combining seven smaller 60 kW installations with one large 280 kW project in Buna, Wajir North.

**Table 3: Mini-Grids, REREC Solar Mini-grid Projects**

Item	County	Site	Constituency	Rating (kW)	No. of Connection
1	Wajir	Biamadhow	Wajir North	60	400
2		Gurar	Wajir North	60	117
3		Hadado	Wajir West	60	173
4		Sarif	Wajir South	60	160
5		Basir	Eldas	60	80
6		Riba	Wajir East	60	81
7		Sarman	Tarbaj	60	121
8		Buna	Wajir North	280	312
<b>Total</b>					<b>1444</b>

35. Table 4 below outlines diesel generators (genset) power station capacities across three constituencies in Wajir County, with a total installed capacity of 1,970 kW from 8 machines, serving 3,900 customers.

**Table 4: Diesel Generators-Genset Power Stations Capacities**

Item	County	Constituency	Site	No. of Machines Installed	Total Installed Capacity	No. of Customers Connected
1	Wajir	Eldas	Eldas	4	1030	800
2		Wajir North	Korondile	2	490	600
3		Tarbaj	Kotulo	2	450	2,500
<b>Total</b>				<b>8</b>	<b>1970</b>	<b>3900</b>

36. REREC informed the Committee that Eldas constituency has the highest installed capacity of 1,030 kW and serves only 800 customers, suggesting a high energy demand per user. Kotulo in Tarbaj constituency uses just 450 kW from 2 machines to serve 2,500 customers indicating either highly efficient utilization or lower per-customer energy allocation. Korondile in Wajir North balances 490 kW (2 machines) with 600 customers, reflecting moderate efficiency.

37. Table 5 below outlines a single civil works project in Wajir County, which focused on constructing a perimeter wall for the Kotulo Diesel Power Plant in Tarbaj Constituency. The key details include: a contract amount of Ksh. 29,233,733.10 indicating significant investment in security or protective infrastructure for the power plant. The status of the project is that it was commissioned, meaning the project is fully operational.

**Table 5: Civil Works**

Item	Constituency	Project	Contract Amount	Status
1	Tarbaj	Kotulo Diesel Power Plant Perimeter Wall	29,233,733.10	Commissioned
		<b>Total</b>	<b>29,233,733.10</b>	

38. This project likely complements the diesel generator power station in Kotulo which serves 2,500 customers, suggesting efforts to safeguard critical energy infrastructure. The focus on a perimeter wall highlights priorities like asset protection and operational security for energy facilities.

39. Table 6 below details the distribution and costs of Kenya Off-Grid Solar Access Project (KOSAP) boreholes across six constituencies in Wajir County. A total of 15 boreholes have been developed at an estimated cost of Ksh. 138.77 million, reflecting significant investment in water access infrastructure.

**Table 6: KOSAP Boreholes in Wajir**

Item	Constituency	No. of Sites	Cost Estimate
1	Eldas	1	3,412,959.16
2	Tarbaj	2	9,729,774.45
3	Wajir East	1	12,970,449.26
4	Wajir North	3	21,817,248.96
5	Wajir South	3	33,683,764.92
6	Wajir West	5	57,156,183.90
	<b>Total</b>	<b>15</b>	<b>138,770,380.66</b>

40. Wajir West stands out with the highest number of boreholes (5) and the largest expenditure of Ksh. 57.16 million which is 41% of the total, suggesting either greater water scarcity, higher project complexity or expanded infrastructure per site. Wajir South follows with 3 boreholes costing Ksh. 33.68 million, while Wajir North also has 3 sites at Ksh 21.82 million. Notably, Wajir East has only 1 borehole but a relatively high cost of Ksh 12.97 million, potentially due to challenging terrain or advanced technology.

41. This data underscores efforts to address water insecurity in arid regions but also raises questions about equity and cost efficiency, warranting further analysis into project-specific factors and community impact.

### **F. Visit to Wajir County Recycling Plant and Industrial Park**

42. Wajir County has initiated an innovative recycling plant aimed at managing plastic waste and creating job opportunities. This facility converts plastic waste into construction materials, such as cabro and building blocks, which are utilized in constructing Early Childhood Development Education (ECDE) classrooms, addressing both environmental and infrastructural needs.
43. The plant operates primarily on solar power; however, the lack of reliable electricity limits its expansion and full operational capacity. To further enhance waste management efforts, the county government has allocated land for the plant and is in the process of installing and commissioning a plastic waste management facility in Wajir Town.

### **G. Visit to Tarbaj Teacher's Training College**

44. The Tarbaj Teachers Training College was connected to power through the matching fund program, making it operational with an enrollment of 92 students focusing on training local teachers. Moreover, 23 schools in Tarbaj constituency have been installed with solar power, and REREC has commissioned the construction of the Kotulo Diesel Power Plant perimeter wall.

## **CHAPTER THREE**

### **COMMITTEE OBSERVATIONS AND RECOMMENDATIONS**

#### **A. Committee Observations**

Based on the foregoing, the Committee made the following observations -

1. Wajir County is not connected to the national electricity grid, making it dependent on localized power generation. This isolation has exacerbated the region's energy insecurity and limited economic development opportunities;
2. Wajir faces significant energy infrastructure challenges: The KPLC substation serving the county relies on four diesel generators—only two of which are owned by KPLC. The KPLC-owned generators are outdated, poorly maintained, costly to operate, inefficient, and environmentally unsustainable. At the time of the Committee's visit, one of the generators was non-operational, while the other was functioning at less than 40% of its total capacity. As a result, there is an over-reliance on the two leased generators, which has led to frequent power outages and load shedding. This has undermined security, sparked public unrest, disrupted essential services, and negatively impacted local businesses;
3. Kenya Power was scheduled to deliver a new generator to Wajir on March 18, 2023. However, by the time of the visit, the delivery had not yet been made.
4. The Committee also noted that costly power poles and other electrical equipment were lying unattended within the KPLC compound in Wajir. This raised concerns regarding poor inventory management, potential wastage of public resources, and delays in, and/or non-implementation of planned electrification projects in the county. The lack of proper utilization and accountability for these materials may further undermine efforts to improve electricity access in the county.
5. In addition, many development projects in the county continue to face operational challenges due to a lack of reliable electricity, significantly limiting their growth and overall effectiveness. The county's recycling plant and industrial park are prime examples: Despite their potential to transform the regional economy, their expansion and optimal utilization have been severely constrained by frequent power shortages.
6. There is a critical need for greater transparency in the award of energy sector contracts to ensure local contractors benefit from ongoing and future projects. Additionally, enhanced funding for oversight function of Wajir's County Assembly is necessary to strengthen accountability in energy infrastructure development within the county.
7. While solar power has been introduced in schools and other facilities, its long-term viability remains uncertain due to the lack of a sustainability plan, inadequate funding for battery maintenance, and reliance on inefficient lead-acid batteries.

## **B. Committee Recommendations**

Based on these observations, the Committee recommends, THAT—

1. The **Ministry of Energy and Petroleum** should prioritize historically marginalized, off-grid counties, particularly Wajir, in the implementation of future power transmission projects to promote equity in electricity access. In this regard, the Ministry should submit the feasibility studies on a proposed Garissa-Wajir transmission line **within three (3) months of tabling this report.**
2. **KPLC** should prioritize the procurement and installation of modern, energy-efficient generators to replace and/or supplement the aging fleet currently serving Wajir County. In addition, the Corporation should implement a robust and regular maintenance schedule to enhance the longevity, efficiency, and reliability of the power infrastructure. A status report on the progress of these interventions should be submitted to the Committee **within six (6) months of tabling this report.**
3. The **Office of the Auditor-General** should conduct a special audit on KPLC's inventory management practices in Wajir County. The audit should specifically focus on the generators, as well as the status, storage, and utilization of electrical equipment and materials (such as power poles) stored within the KPLC compound. The audit will assess the value, condition, and intended purpose of these materials, investigate whether there has been wastage of public resources, and evaluate the impact of poor inventory management on the delays or non-implementation of electrification projects in the county. The Auditor-General is expected to submit a report to the Senate **within six (6) months of tabling this report..**
4. The **Ministry of Energy and Petroleum** through its agencies **KPLC** and **REREC**, should ensure greater transparency in the award of energy sector contracts in the county by adopting clear, public procurement guidelines that prioritize local contractors for both ongoing and future energy projects.  
  
To enhance accountability, the Ministry should also publish contractor lists for all energy projects and ensure a fair and transparent award of tenders.  
  
Additionally, the Ministry should also establish a monitoring framework to track the progress and ensure equitable participation of local enterprises. The Ministry should submit a report to the Senate **within three (3) months of the tabling of this report.**
5. The **Office of the Controller of Budget** should undertake to ensure that the County Assembly of Wajir receives adequate funding to facilitate its oversight function and enable it to effectively monitor and ensure accountability in the implementation of energy infrastructure projects within the county. A report on the status of these actions should be submitted to the Committee **within six (6) months of tabling this report.**
6. The **Ministry of Energy and Petroleum** should prioritize the transition to

solar PV-diesel hybrid systems in Wajir County with a view towards reducing dependency on conventional power sources. A status report on the progress of this transition should be submitted to the Committee **within six (6) months of tabling this report.**

7. **REREC** should install standalone solar hybrid systems (comprising solar panels, storage batteries, and backup generators) in priority projects, such as the Wajir recycling plant, industrial park and hospitals to guarantee consistent power supply and submit a status report to the Committee **within six (6) months of tabling this report.**
8. The **Ministry of Energy and Petroleum** should facilitate the transition from lead-acid to advanced energy storage solutions, such as lithium-ion batteries, and implement programs to promote low-cost alternatives. Furthermore, the Ministry should develop a sustainability framework including dedicated funding for battery replacements, technician training, and community engagement and submit a status report to the Committee **within six (6) months of tabling this report.**

ANNEX 1  
MINUTES OF THE  
COMMITTEE  
SITTINGS



**MINUTES OF THE ONE HUNDRED AND EIGHTEENTH SITTING OF THE  
STANDING COMMITTEE ON ENERGY HELD ON WEDNESDAY, 26<sup>TH</sup>  
MARCH, 2025 IN HILTON GARDEN INN, MACHAKOS COUNTY AT 2.00 PM.**

**PRESENT**

- |  |               |
|--|---------------|
| 1. Sen. (Dr.) Oburu Oginga, MGH, MP    | - Chairperson |
| 2. Sen. (Dr.) Boni Khalwale, CBS, MP   | - Member      |
| 3. Sen. Ledama Olekina, MP             | - Member      |
| 4. Sen. James Lomenen Ekomwa, MP       | - Member      |
| 5. Sen. Edwine Watinya Sifuna, CBS, MP | - Member      |
| 6. Sen. Beatrice Ogolla, MP            | - Member      |
| 7. Sen. Veronica Maina, MP             | - Member      |

**ABSENT WITH APOLOGY**

- |  |                     |
|--|---------------------|
| 1. Sen. William Kisang' Kipkemoi, MP   | - Vice- Chairperson |
| 2. Sen. Danson Buya Mungatana, MGH, MP | - Member            |

**COMMITTEE SECRETARIAT**

- |                          |                                      |
|--------------------------|--------------------------------------|
| 1. Dr. Christine Sagini  | - Senior Clerk Assistant/ Lead Clerk |
| 2. Ms. Mary Waqo         | - Clerk Assistant                    |
| 3. Ms. Nancy Mulei       | - Research Officer                   |
| 4. Mr. Washington Otiato | - Media Relations Officer            |
| 5. Mr. Joseph Lekisima   | - Fiscal Analyst                     |
| 6. Ms. Judith Aoka       | - Audio Officer                      |
| 7. Mr. Eric Nyaga        | - Protocol Officer                   |

**MIN/SEN/ENG/NO.807/2024**

**PRELIMINARIES**

The meeting was called to order at 2.23 p.m. and the sitting commenced with a word of prayer by the Chairperson.

**MIN/SEN/ENG/NO.808/2024**

**ADOPTION OF THE AGENDA**

The agenda of the meeting was adopted after it was proposed Sen. Veronica Maina, MP and Seconded by Sen. (Dr.) Boni Khalwale, CBS, MP as follows-

**AGENDA**

1. Prayer;
2. Adoption of the Agenda;
3. Confirmation of Minutes of the previous sittings;
4. Matters Arising from the Minutes;
5. Consideration and Adoption of County oversight and Networking engagements in Wajir County Report;
6. Any Other Business and
7. Date of the Next Meeting and Adjournment.

**MIN. SEN/ENG/NO.809/2024**

**CONFIRMATION OF MINUTES OF THE PREVIOUS SITTINGS**

Confirmation of minutes of the previous sittings was deferred to the next sitting.

**MIN. SEN/ENG/NO.810/2024**

**MATTERS ARISING FROM THE MINUTES**

There were no matters arising.

**MIN/SEN/ENG/NO.811/2025**

**CONSIDERATION AND ADOPTION OF COUNTY OVERSIGHT AND NETWORKING ENGAGEMENTS IN WAJIR COUNTY REPORT**

- a) The Committee noted that the recommendation to be implemented by the Ministry of Energy and Petroleum on prioritization of addition of the Counties of Wajir, Mandera, Marsabit and Turkana to the National Grid be amended to be the first recommendation;
- b) The Committee further noted that KPLC should prioritize the rehabilitation of existing infrastructure instead of leasing new generators from private owners; and

- c) The report on County oversight and Networking engagements in Wajir County was adopted by the Committee having been proposed by Sen. Beatrice Ogolla, MP and seconded Sen. Edwine Watenya Sifuna, CBS, MP.

**MIN. SEN/ENG/NO.812/2025**

**ANY OTHER BUSINESS**

The following issues were deliberated under Any Other Business-

- a) That the Committee discusses the recommendations of the report of the inquiry into the supply of smart meters and Wajir County Visit with the Cabinet Secretary, Ministry of Energy and Petroleum for quick implementation; and
- b) The Committee resolved that REREC should provide a status of work ongoing, and work completed and transferred to KPLC in the various Counties.

**MIN. SEN/ENG/NO.813/2025**

**ADJOURNMENT**

The meeting was adjourned at 4.10 p.m. The date of the next meeting was to be communicated by notice.

SIGNED.. Oburu .....DATE:.....15/4/25.....

**SEN. (DR.) OBURU OGINGA, MGH, MP**

**CHAIRPERSON.**



**MINUTES OF THE NINETY-SIXTH SITTING OF THE STANDING COMMITTEE ON ENERGY HELD ON FRIDAY, 25<sup>TH</sup> OCTOBER, 2024 IN WAJIR COUNTY, BOARD ROOM, COUNTY GOVERNMENT OFFICES AT 10.00 AM.**

**PRESENT**

- |                                      |                     |
|--------------------------------------|---------------------|
| 1. Sen. Wamatinga Wahome, MP         | - Chairperson       |
| 2. Sen. William Kisang' Kipkemoi, MP | - Vice- Chairperson |
| 3. Sen. Ledama Olekina, MP           | - Member            |
| 4. Sen. Abass Sheikh Mohamed, MP     | - Member            |

**ABSENT WITH APOLOGY**

- |  |          |
|--|----------|
| 1. Sen. (Dr.) Boni Khalwale, CBS, MP   | - Member |
| 2. Sen. (Dr.) Oburu Oginga, MGH, MP    | - Member |
| 3. Sen. James Lomenen Ekomwa, MP       | -Member  |
| 4. Sen. Danson Buya Mungatana, MGH, MP | - Member |
| 5. Sen. Edwine Watanya Sifuna, MP      | - Member |

**COMMITTEE SECRETARIAT**

- |                          |                                 |
|--------------------------|---------------------------------|
| 1. Dr. Christine Sagini  | - Clerk Assistant I/ Lead Clerk |
| 2. Ms. Mary Waqo         | - Clerk Assistant III           |
| 3. Ms. Nancy Mulei       | - Research Officer              |
| 4. Mr. Joseph Lekisima   | - Fiscal Analyst                |
| 5. Mr. Washington Otiato | - Media Relations Officer       |
| 6. Mr. Nicholas Arusei   | - Audio Officer                 |
| 7. Mr. John Lekampule    | - Assistant Serjeant at Arms    |

## **IN ATTENDANCE**

1. Hon..FCPA Ahmed Abdullahi,EGH - Governor, Wajir County
2. Ms. Rahow Hussein - CEC Environment
3. Mr. Ibrahim Khamis - Advisor
4. Ms. Fardossa Bishar Mohamud - Energy Natural Resources
5. Mr. Ngangalu Innocent - REREC
6. Eng. Nicholas Maundu - REREC
7. Mr. Jillo Kaende - REREC

## **MIN/SEN/ENG/NO.655/2024**

## **PRELIMINARIES**

### **a) Prayer**

The Chairperson called the meeting to order at 10.15 a.m. This was followed by a word of prayer.

### **b) Introductions**

There was a round of introductions from the Hon Senators, members of the secretariat and officials from County Government of Wajir

## **MIN/SEN/ENG/NO.656/2024**

## **ADOPTION OF THE AGENDA**

The agenda of the meeting was adopted after it was proposed by Sen. William Kisang' Kipkemoi, MP and Seconded by Sen. Ledama Olekina, MP as follows-

## **AGENDA**

1. Prayer;
2. Adoption of the Agenda;
3. Confirmation of minutes of the 92<sup>nd</sup> , 93<sup>rd</sup> and 94<sup>th</sup> meeting;
4. Matters Arising from the previous minutes;
5. Meeting with the Hon FCPA Ahmed Abdullahi,EGH, County Governor of Wajir County, and;
6. Date of the Next Meeting and Adjournment.

**MIN. SEN/ENG/NO.657/2024**

**CONFIRMATION OF MINUTES OF THE  
PREVIOUS SITTINGS**

- a) Minutes of the 92<sup>nd</sup> sitting held on Tuesday, 1<sup>st</sup> October, 2024 were deferred till the next meeting; and
- b) Minutes of the 93<sup>rd</sup> sitting held on Tuesday, 8<sup>th</sup> October, 2024 were deferred till the next meeting; and
- c) Minutes of the 94<sup>th</sup> sitting held on Tuesday, 22<sup>nd</sup> October, 2024 were deferred till the next meeting.

**MIN. SEN/ENG/NO.658/2024**

**MATTERS ARISING FROM THE MINUTES**

There were no matters arising.

**MIN.SEN/ENG/NO.659/2024**

**MEETING WITH THE HON FCPA  
AHMED ABDULLAHI, EGH,  
COUNTY GOVERNOR OF WAJIR  
COUNTY.**

**The Committee was informed that-**

- a) There are 261 schools in Wajir County connected to solar power in the constituencies of Eldas, Tarbaj, Wajir East, Wajir North, Wajir South and Wajir West;
- b) There are 121 schools that are connected to solar that are scheduled for maintenance that has stalled due to availability of funds;
- c) There are 8 mini grids in Wajir County;
- d) There are 20 boreholes under the KOSAP project in Wajir County; and
- e) There are 1,444 residents of Wajir County connected to power through REREC solar mini-grid projects;

**Deliberations by the Committee-**

- a) The Committee noted that the number of schools due for scheduled maintenance on the batteries are high

The Committee was informed that batteries are replaced every 2-3 years and the budget for the maintenance is 800,000/= per school.

The Committee was further informed that the batteries use lead acid which do not last resulting to power being available in schools during daytime only;

- b) The Committee inquired on the status of pending bills to the contractors who have completed projects and if any locals are considered by REREC as contractors;

The Committee was informed that there are no current pending bills and the list of six contractors who previously won tenders will be submitted to the Committee;

The Committee was further informed that prequalification of new contracts were concluded a few months ago and letters of awards are to be sent out.

- c) The Committee resolved to request REREC to submit list of all contractors and details of the 34 projects with specifications of where the projects are located and how many beneficiaries it will serve.

**MIN. SEN/ENG/NO.660/2024**

**ANY OTHER BUSINESS**

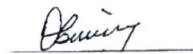
The were no issues deliberated under Any Other Business-

**MIN. SEN/ENG/NO.661/2024**

**ADJOURNMENT**

The meeting was adjourned at 12.41 p.m. The date of the next meeting was to be communicated by notice.

SIGNED.....



DATE.....11/03/25.....

**SEN. (DR.) OBURU OGINGA, MGH, MP**

**CHAIRPERSON.**



**MINUTES OF THE NINETY-SEVENTH SITTING OF THE STANDING COMMITTEE ON ENERGY HELD ON FRIDAY, 25<sup>TH</sup> OCTOBER, 2024 IN WAJIR COUNTY, KENYA POWER AND LIGHTNG SUBSTATION AT 2.00 PM.**

**PRESENT**

- |                                      |                     |
|--------------------------------------|---------------------|
| 1. Sen. Wamatinga Wahome, MP         | - Chairperson       |
| 2. Sen. William Kisang' Kipkemoi, MP | - Vice- Chairperson |
| 3. Sen. Ledama Olekina, MP           | - Member            |
| 4. Sen. Abass Sheikh Mohamed, MP     | - Member            |

**ABSENT WITH APOLOGY**

- |  |          |
|--|----------|
| 1. Sen. (Dr.) Boni Khalwale, CBS, MP   | - Member |
| 2. Sen. (Dr.) Oburu Oginga, MGH, MP    | - Member |
| 3. Sen. James Lomenen Ekomwa, MP       | -Member  |
| 4. Sen. Danson Buya Mungatana, MGH, MP | - Member |
| 5. Sen. Edwine Watanya Sifuna, MP      | - Member |

**COMMITTEE SECRETARIAT**

- |                          |                                 |
|--------------------------|---------------------------------|
| 1. Dr. Christine Sagini  | - Clerk Assistant I/ Lead Clerk |
| 2. Ms. Mary Waqo         | - Clerk Assistant III           |
| 3. Ms. Nancy Mulei       | - Research Officer              |
| 4. Mr. Joseph Lekisima   | - Fiscal Analyst                |
| 5. Mr. Washington Otiato | - Media Relations Officer       |
| 6. Mr. Nicholas Arusei   | - Audio Officer                 |
| 7. Mr. John Lekampule    | - Assistant Serjeant at Arms    |

## **IN ATTENDANCE**

1. Mr. Hassan Isack

KPLC County Manager

## **MIN/SEN/ENG/NO.662/2024**

## **PRELIMINARIES**

### **a) Prayer**

The Chairperson called the meeting to order at 11.15 a.m. This was followed by a word of prayer.

### **b) Introductions**

There was a round of introductions from the Hon Senators, members of the secretariat and officials from Kenya Power and Lighting Company.

## **MIN/SEN/ENG/NO.663/2024**

## **ADOPTION OF THE AGENDA**

The agenda of the meeting was adopted after it was proposed by Sen. William Kisang' Kipkemoi, MP and Seconded by Sen. Ledama Olekina, MP as follows-

## **AGENDA**

1. Prayer;
2. Adoption of the Agenda;
3. Confirmation of minutes of the 92<sup>nd</sup> , 93<sup>rd</sup> and 94<sup>th</sup> meeting;
4. Matters Arising from the previous minutes;
5. Visit to the Kenya Power and Lighting Company Substation in Wajir County and;
6. Date of the Next Meeting and Adjournment.

## **MIN. SEN/ENG/NO.664/2024**

## **CONFIRMATION OF MINUTES OF THE PREVIOUS SITTINGS**

- a) Minutes of the 92<sup>nd</sup> sitting held on Tuesday, 1<sup>st</sup> October, 2024 were deferred till the next meeting; and
- b) Minutes of the 93<sup>rd</sup> sitting held on Tuesday, 8<sup>th</sup> October, 2024 were deferred till the next meeting; and
- c) Minutes of the 94<sup>th</sup> sitting held on Tuesday, 22<sup>nd</sup> October, 2024 were deferred till the next meeting.

## **MIN. SEN/ENG/NO.665/2024**

## **MATTERS ARISING FROM THE MINUTES**

There were no matters arising.

**MIN.SEN/ENG/NO.666/2024**

**VISIT TO KENYA POWER AND  
LIGHTING COMPANY  
SUBSTATION**

**The Committee was informed that-**

- a) Wajir County is one of the Counties that fully depend on diesel generators for power supply in Wajir County;
- b) Some power lines go as far as 220Km to supply the residents of Wajir County with power;
- c) Peak demand for Wajir County is currently at 3.2 Mw with load shedding being experienced during peak hours due to the limited capacity of the generators;
- d) Although the generators have a capacity of 4Mw the age of the generators allow for a maximum capacity of 3.2Mw;
- e) Areas of Habaswain, Eldas, Kutulo and Korondile have installed generators; and
- f) The diesel generators consume a total of 14,000 liters of HFO per day.

**Deliberations by the Committee-**

- a) The Committee noted that the deliberations of connecting Wajir, Marsabit, Mandera and Turkana should be held with the Cabinet Secretary, Ministry of Energy and Petroleum ;
- b) The Committee inquired on the financial status of Wajir Substation and if the substations records any profit from the power sold;

The Committee was informed that due to the high cost of HFO fuel the substation does not make any profit from the sales of power;

- c) The Committee noted that the supply from the diesel generators is less than the demand for Wajir County, The Committee further noted that development of factories would be impossible due to the inadequate supply of power.
- d) The Committee inquired on the diesel generators and its ownership;  
  
The Committee was informed that the two generators being used are leased as the generators owned by KPLC have exhausted its capacity hours; and
- e) The committee noted that according to submissions by the Ministry of Energy and Petroleum, Wajir County was expected to receive a generator on 18<sup>th</sup> March 2023;

The Committee resolved to follow up with MOEP on the status of the procured generators.

**MIN. SEN/ENG/NO.667/2024**

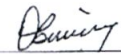
**ANY OTHER BUSINESS**

The were no issues deliberated under Any Other Business-

**MIN. SEN/ENG/NO.668/2024**

**ADJOURNMENT**

The meeting was adjourned at 1.06 p.m. The date of the next meeting was to be communicated by notice.

SIGNED..... 

DATE.....11/03/25.....

**SEN. (DR.) OBURU OGINGA, MGH, MP**

**CHAIRPERSON.**



**MINUTES OF THE NINETY-EIGHT SITTING OF THE STANDING COMMITTEE ON ENERGY HELD ON SATURDAY, 26<sup>TH</sup> OCTOBER, 2024 IN WAJIR COUNTY, COUNTY COMMISSIONERS OFFICE AT 9.00 AM.**

**PRESENT**

- |                                      |                     |
|--------------------------------------|---------------------|
| 1. Sen. Wamatinga Wahome, MP         | - Chairperson       |
| 2. Sen. William Kisang' Kipkemoi, MP | - Vice- Chairperson |
| 3. Sen. Ledama Olekina, MP           | - Member            |
| 4. Sen. Abass Sheikh Mohamed, MP     | - Member            |

**ABSENT WITH APOLOGY**

- |  |          |
|--|----------|
| 1. Sen. (Dr.) Boni Khalwale, CBS, MP   | - Member |
| 2. Sen. (Dr.) Oburu Oginga, MGH, MP    | - Member |
| 3. Sen. James Lomenen Ekomwa, MP       | -Member  |
| 4. Sen. Danson Buya Mungatana, MGH, MP | - Member |
| 5. Sen. Edwine Watenya Sifuna, MP      | - Member |

**COMMITTEE SECRETARIAT**

- |                          |                                 |
|--------------------------|---------------------------------|
| 1. Dr. Christine Sagini  | - Clerk Assistant I/ Lead Clerk |
| 2. Ms. Mary Waqo         | - Clerk Assistant III           |
| 3. Ms. Nancy Mulei       | - Research Officer              |
| 4. Mr. Joseph Lekisima   | - Fiscal Analyst                |
| 5. Mr. Washington Otiato | - Media Relations Officer       |
| 6. Mr. Nicholas Arusei   | - Audio Officer                 |
| 7. Mr. John Lekampule    | - Assistant Serjeant at Arms    |

**IN ATTENDANCE**

1. Mr. Karuku J. Ngumo
2. Mr. Fred N. Mwangangi
3. Mr. Richard Siele
4. Mr. Stephen Ndirandu

**NATIONAL GOVERNMENT ADMINISTRATION**

- County Commissioner  
ACC  
SCPC NPS  
SCAPC NPS

**MIN/SEN/ENG/NO.669/2024****PRELIMINARIES****a) Prayer**

The Chairperson called the meeting to order at 9.15 a.m. This was followed by a word of prayer.

**b) Introductions**

There was a round of introductions from the Hon Senators, members of the secretariat and officials from National Government Administration.

**MIN/SEN/ENG/NO.670/2024****ADOPTION OF THE AGENDA**

The agenda of the meeting was adopted after it was proposed by Sen. William Kisang' Kipkemoi, MP and Seconded by Sen. Ledama Olekina, MP as follows-

**AGENDA**

1. Prayer;
2. Adoption of the Agenda;
3. Confirmation of minutes of the 92<sup>nd</sup> , 93<sup>rd</sup> and 94<sup>th</sup> meeting;
4. Matters Arising from the previous minutes;
5. Meeting with Mr. Karuku Ngumo, County Commissioner, Wajir County, and;
6. Date of the Next Meeting and Adjournment.

**MIN. SEN/ENG/NO.671/2024****CONFIRMATION OF MINUTES OF THE PREVIOUS SITTINGS**

- a) Minutes of the 92<sup>nd</sup> sitting held on Tuesday, 1<sup>st</sup> October, 2024 were deferred till the next meeting; and
- b) Minutes of the 93<sup>rd</sup> sitting held on Tuesday, 8<sup>th</sup> October, 2024 were deferred till the next meeting; and

- c) Minutes of the 94<sup>th</sup> sitting held on Tuesday, 22<sup>nd</sup> October, 2024 were deferred till the next meeting.

**MIN. SEN/ENG/NO.672/2024**

**MATTERS ARISING FROM THE MINUTES**

There were no matters arising.

**MIN.SEN/ENG/NO.673/2024**

**MEETING WITH THE COUNTY  
COMMISSIONER OF WAJIR  
COUNTY**

**The Committee was informed that-**

- a) Wajir County experienced a power blackout for a period of three days due to the diesel generators failing which led to demonstrations happening;
- b) The demonstrations turned violent with KPLC infrastructure being burnt with the Kenya Defense Forces being called in to offer support to the National Police Service;
- c) There is no guarantee of power supply even to sensitive Government facilities as most times the power disappears without any notice; and
- d) The old and dilapidated generators are the main cause of instability of power supply.

**Deliberations by the Committee-**

- a) The Committee inquired on the security status of the County knowing the threat posed by Al-Shabab;

The Committee was informed that the County has been relatively peaceful and the Al-Shabab threats have been contained;

- b) The Committee inquired on the availability of power to the prisons;

The Committee was informed that the prisons are connected to Power

- c) The Committee noted that power stability is very critical especially in the months of Ramadhan and the Ministry of Energy and Petroleum should give a definite date of installation of a new generator to provide power stability.

**MIN. SEN/ENG/NO.674/2024**

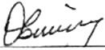
**ANY OTHER BUSINESS**

The were no issues deliberated under Any Other Business-

MIN. SEN/ENG/NO.675/2024

ADJOURNMENT

The meeting was adjourned at 12.06 p.m. The date of the next meeting was to be communicated by notice.

SIGNED..... 

DATE.....11/03/25.....

SEN. (DR.) OBURU OGINGA, MGH, MP

CHAIRPERSON.



**MINUTES OF THE NINETY-NINTH SITTING OF THE STANDING COMMITTEE ON ENERGY HELD ON SATURDAY, 26<sup>TH</sup> OCTOBER, 2024 IN WAJIR COUNTY, WASTE RESCYCLING PLANT AT 2.00 PM.**

**PRESENT**

- |                                      |                     |
|--------------------------------------|---------------------|
| 1. Sen. Wamatinga Wahome, MP         | - Chairperson       |
| 2. Sen. William Kisang' Kipkemoi, MP | - Vice- Chairperson |
| 3. Sen. Ledama Olekina, MP           | - Member            |
| 4. Sen. Abass Sheikh Mohamed, MP     | - Member            |

**ABSENT WITH APOLOGY**

- |  |          |
|--|----------|
| 1. Sen. (Dr.) Boni Khalwale, CBS, MP   | - Member |
| 2. Sen. (Dr.) Oburu Oginga, MGH, MP    | - Member |
| 3. Sen. James Lomenen Ekomwa, MP       | -Member  |
| 4. Sen. Danson Buya Mungatana, MGH, MP | - Member |
| 5. Sen. Edwine Watenya Sifuna, MP      | - Member |

**COMMITTEE SECRETARIAT**

- |                          |                                 |
|--------------------------|---------------------------------|
| 1. Dr. Christine Sagini  | - Clerk Assistant I/ Lead Clerk |
| 2. Ms. Mary Waqo         | - Clerk Assistant III           |
| 3. Ms. Nancy Mulei       | - Research Officer              |
| 4. Mr. Joseph Lekisima   | - Fiscal Analyst                |
| 5. Mr. Washington Otiato | - Media Relations Officer       |
| 6. Mr. Nicholas Arusei   | - Audio Officer                 |
| 7. Mr. John Lekampule    | - Assistant Serjeant at Arms    |

**IN ATTENDANCE**

1. Mr. Omar Hussein
2. Mr Khatu Hussein Ablow

**WAJIR COUNTY GOVERNMENT**

Municipality Manager  
Trade and Cooperatives CCO

**MIN/SEN/ENG/NO.676/2024**

**PRELIMINARIES**

**a) Prayer**

The Chairperson called the meeting to order at 2.15 p.m. This was followed by a word of prayer.

**b) Introductions**

There was a round of introductions from the Hon Senators, members of the secretariat and officials from Wajir County Government.

**MIN/SEN/ENG/NO.677/2024**

**ADOPTION OF THE AGENDA**

The agenda of the meeting was adopted after it was proposed by Sen. William Kisang' Kipkemoi, MP and Seconded by Sen. Ledama Olekina, MP as follows-

**AGENDA**

1. Prayer;
2. Adoption of the Agenda;
3. Confirmation of minutes of the 92<sup>nd</sup> , 93<sup>rd</sup> and 94<sup>th</sup> meeting;
4. Matters Arising from the previous minutes;
5. Meeting with Mr. Omar Hussein, Wajir County Municipality Manager to tour the recycling plant, and;
6. Date of the Next Meeting and Adjournment.

**MIN. SEN/ENG/NO.678/2024**

**CONFIRMATION OF MINUTES OF THE PREVIOUS SITTINGS**

- a) Minutes of the 92<sup>nd</sup> sitting held on Tuesday, 1<sup>st</sup> October, 2024 were deferred till the next meeting; and
- b) Minutes of the 93<sup>rd</sup> sitting held on Tuesday, 8<sup>th</sup> October, 2024 were deferred till the next meeting; and
- c) Minutes of the 94<sup>th</sup> sitting held on Tuesday, 22<sup>nd</sup> October, 2024 were deferred till the next meeting.

**MIN. SEN/ENG/NO.679/2024**

**MATTERS ARISING FROM THE MINUTES**

There were no matters arising.

**MIN.SEN/ENG/NO.680/2024**

**MEETING WITH THE MUNICIPALITY  
MANAGER, WAJIR COUNTY**

**The Committee was informed that-**

- a) The plant is designed to tackle waste accumulation in Wajir town and its surroundings, reducing pollution and improving environmental health;
- b) By converting waste into reusable products, the plant creates job opportunities and supports the local economy;
- c) Focus on recycling plastics, organic waste, and other materials into usable products like construction materials;
- d) Waste (plastic bottles) is separated at the facility to maximize recycling efficiency and minimize environmental harm;
- e) Limited waste collection and transportation systems hinder the plant's efficiency;
- f) There are plans to upgrade the plant's capacity to handle increased waste volumes and incorporate advanced recycling technologies; and
- g) This initiative represents a significant step toward sustainable waste management and economic development in Wajir County.

**Deliberations by the Committee-**

- a) There is need for expansion of power supply in the County to ensure reliable power for the development of industries;
- b) The Committee inquired on the source of power for the recycling plant;  
  
The Committee was informed that the plant is currently using solar power although the lack of reliable power will hinder the expansion of the plant.
- c) The Committee further noted that the economic zone and the setting up of the plant is a commendable initiative by the County Government that will contribute to the increase of Own Source Revenue.

**MIN. SEN/ENG/NO.682/2024**

**ANY OTHER BUSINESS**

The were no issues deliberated under Any Other Business-

**MIN. SEN/ENG/NO.683/2024**

**ADJOURNMENT**

The meeting was adjourned at 4.06 p.m. The date of the next meeting was to be communicated by notice.

SIGNED..... Oburu

DATE.....11/03/25.....

SEN. (DR.) OBURU OGINGA, MGH, MP  
CHAIRPERSON.



**MINUTES OF THE ONE-HUNDREDTH SITTING OF THE STANDING COMMITTEE ON ENERGY HELD ON SUNDAY, 27<sup>TH</sup> OCTOBER, 2024 IN WAJIR COUNTY, TARBAJ TEACHERS TRAINING COLLEGE AT 10.00 AM.**

**PRESENT**

- |                                      |                     |
|--------------------------------------|---------------------|
| 1. Sen. Wamatinga Wahome, MP         | - Chairperson       |
| 2. Sen. William Kisang' Kipkemoi, MP | - Vice- Chairperson |
| 3. Sen. Ledama Olekina, MP           | - Member            |
| 4. Sen. Abass Sheikh Mohamed, MP     | - Member            |

**ABSENT WITH APOLOGY**

- |  |          |
|--|----------|
| 1. Sen. (Dr.) Boni Khalwale, CBS, MP   | - Member |
| 2. Sen. (Dr.) Oburu Oginga, MGH, MP    | - Member |
| 3. Sen. James Lomenen Ekomwa, MP       | -Member  |
| 4. Sen. Danson Buya Mungatana, MGH, MP | - Member |
| 5. Sen. Edwine Watenya Sifuna, MP      | - Member |

**COMMITTEE SECRETARIAT**

- |                          |                                 |
|--------------------------|---------------------------------|
| 1. Dr. Christine Sagini  | - Clerk Assistant I/ Lead Clerk |
| 2. Ms. Mary Waqo         | - Clerk Assistant III           |
| 3. Ms. Nancy Mulei       | - Research Officer              |
| 4. Mr. Joseph Lekisima   | - Fiscal Analyst                |
| 5. Mr. Washington Otiato | - Media Relations Officer       |
| 6. Mr. Nicholas Arusei   | - Audio Officer                 |
| 7. Mr. John Lekampule    | - Assistant Serjeant at Arms    |

**IN ATTENDANCE**

1. Eng. Fred Ishugah
2. Dr. Eng. James Muriuki
3. Ms. Beatrice Njuguna
4. Eng. Nicholas Mundu
5. Mr. Jillo Konde
6. Mr. Nyangau Innocent

**REREC**

- General Manager REREC  
General Manager PD & RC  
General Manager J&C  
Manager PC  
Manager D&C  
Wajir County Supervisor

**MIN/SEN/ENG/NO.684/2024****PRELIMINARIES****a) Prayer**

The Chairperson called the meeting to order at 10.16 a.m. This was followed by a word of prayer.

**b) Introductions**

There was a round of introductions from the Hon Senators, members of the secretariat and officials from Rural Electrification and Renewable Energy Cooperation (REREC).

**MIN/SEN/ENG/NO.685/2024****ADOPTION OF THE AGENDA**

The agenda of the meeting was adopted after it was proposed by Sen. William Kisang' Kipkemoi, MP and Seconded by Sen. Ledama Olekina, MP as follows-

**AGENDA**

1. Prayer;
2. Adoption of the Agenda;
3. Confirmation of minutes of the 92<sup>nd</sup> , 93<sup>rd</sup> and 94<sup>th</sup> meeting;
4. Matters Arising from the previous minutes;
5. Meeting with Rural Electrification and Renewable Energy Cooperation , and;
6. Date of the Next Meeting and Adjournment.

**MIN. SEN/ENG/NO.686/2024****CONFIRMATION OF MINUTES OF THE PREVIOUS SITTINGS**

- a) Minutes of the 92<sup>nd</sup> sitting held on Tuesday, 1<sup>st</sup> October, 2024 were deferred till the next meeting; and

- b) Minutes of the 93<sup>rd</sup> sitting held on Tuesday, 8<sup>th</sup> October, 2024 were deferred till the next meeting; and
- c) Minutes of the 94<sup>th</sup> sitting held on Tuesday, 22<sup>nd</sup> October, 2024 were deferred till the next meeting.

**MIN. SEN/ENG/NO.687/2024**

**MATTERS ARISING FROM THE MINUTES**

There were no matters arising.

**MIN.SEN/ENG/NO.688/2024**

**MEETING WITH RURAL  
ELECTRIFICATION AND  
RENEWABLE ENERGY  
COOPERATION**

**The Committee was informed that-**

- a) REREC in collaboration with local leaders and County Governments have a program called Match Funding that allows for critical areas to get electricity connection;
- b) REREC in collaboration with the area MP realized the connection of power to Tarbaj Teachers Training College making it possible for the teachers training college to be operational;
- c) The college offers diploma and certificate programs in teacher education, focusing on primary and early childhood education and has currently enrolled 92 students;
- d) There has been very few local teachers teaching at the institutions due to lack of opportunities for training and the presence of Tarbaj Teachers training college will increase the number of local teachers;
- e) There are 23 schools installed with solar power by REREC in Tarbaj constituency; and
- f) REREC has commissioned the construction of Kotulo Diesel Power plant perimeter wall.

**Deliberations by the Committee-**

- a) The Committee noted that although the match funding model is currently working, REREC should ensure that more funds are allocated to connection of power in rural areas;
- b) The Committee noted that REREC should prioritize the maintenance of batteries in schools to ensure that the children have power during the night for their night studies;

- c) The Committee urged REREC to make use of the potential of solar power in the County to increase the available power for usage and reduce the dependency on thermal generators which are not environment friendly; and
- d) The Committee inquired on the cost of putting up a solar station;

The Committee was informed that it costs 4800 USD to put up 1 Kw of solar power with most solar power stations ranging at an average of 60Kw each.

**MIN. SEN/ENG/NO.689/2024**

**ANY OTHER BUSINESS**

The were no issues deliberated under Any Other Business-

**MIN. SEN/ENG/NO.690/2024**

**ADJOURNMENT**

The meeting was adjourned at 1.06 p.m. The date of the next meeting was to be communicated by notice.

SIGNED..... *Oburu*

DATE.....11/03/25.....

**SEN. (DR.) OBURU OGINGA, MGH, MP**

**CHAIRPERSON.**



**MINUTES OF THE ONE HUNDRED AND ONE SITTING OF THE STANDING COMMITTEE ON ENERGY HELD ON SUNDAY, 27<sup>TH</sup> OCTOBER, 2024 IN WAJIR COUNTY, SKY JOINT BOARDROOM AT 2.00 PM.**

**PRESENT**

- |                                      |                     |
|--------------------------------------|---------------------|
| 1. Sen. Wamatinga Wahome, MP         | - Chairperson       |
| 2. Sen. William Kisang' Kipkemoi, MP | - Vice- Chairperson |
| 3. Sen. Ledama Olekina, MP           | - Member            |
| 4. Sen. Abass Sheikh Mohamed, MP     | - Member            |

**ABSENT WITH APOLOGY**

- |  |          |
|--|----------|
| 1. Sen. (Dr.) Boni Khalwale, CBS, MP   | - Member |
| 2. Sen. (Dr.) Oburu Oginga, MGH, MP    | - Member |
| 3. Sen. James Lomenen Ekomwa, MP       | -Member  |
| 4. Sen. Danson Buya Mungatana, MGH, MP | - Member |
| 5. Sen. Edwine Watinya Sifuna, MP      | - Member |

**COMMITTEE SECRETARIAT**

- |                          |                                 |
|--------------------------|---------------------------------|
| 1. Dr. Christine Sagini  | - Clerk Assistant I/ Lead Clerk |
| 2. Ms. Mary Waqo         | - Clerk Assistant III           |
| 3. Ms. Nancy Mulei       | - Research Officer              |
| 4. Mr. Joseph Lekisima   | - Fiscal Analyst                |
| 5. Mr. Washington Otiato | - Media Relations Officer       |
| 6. Mr. Nicholas Arusei   | - Audio Officer                 |
| 7. Mr. John Lekampule    | - Assistant Serjeant at Arms    |

## **IN ATTENDANCE**

1. Hon Abdille Yusuf
2. Hon. Abey Jimale Yusuf
3. Hon. Adan Hussein Ali
4. Hon. Abdullahi Adan Adow
5. Hon Fatumma Abbas Sheikh
6. Hon. Habiba Isack Yusuf
7. Hon. Shams Issa Jimale
8. Hon. Mariam Abdi Mohamed
9. Hon. Nimo Ahmed Saney
10. Hon. Ibrahim Hussein Abdi
11. Hon. Mohammed Salat
12. Hon. Ayub Abdi Osman

## **MIN/SEN/ENG/NO.691/2024**

### **a) Prayer**

The Chairperson called the meeting to order at 2.06 p.m. This was followed by a word of prayer.

### **b) Introductions**

There was a round of introductions from the Hon Senators, members of the secretariat and members of Wajir County Assembly.

## **MIN/SEN/ENG/NO.692/2024**

## **MEMBERS OF COUNTY ASSEMBLY**

- Speaker  
MCA Arbajaharan  
MCA-Eldas Ward  
MCA Barwaqo Ward  
Nominated MCA  
Deputy Majority Whip  
MCA Nominated  
Deputy Majority Whip  
MCA-Nominated  
MCA Wagalla  
MCA Khorofharar  
MCA Malkagufu

## **PRELIMINARIES**

## **ADOPTION OF THE AGENDA**

The agenda of the meeting was adopted after it was proposed by Sen. William Kisang' Kipkemoi, MP and Seconded by Sen. Ledama Olekina, MP as follows-

## **AGENDA**

1. Prayer;
2. Adoption of the Agenda;
3. Confirmation of minutes of the 92<sup>nd</sup> , 93<sup>rd</sup> and 94<sup>th</sup> meeting;
4. Matters Arising from the previous minutes;
5. Meeting with Wajir County Assembly Members , and;
6. Date of the Next Meeting and Adjournment.

**MIN. SEN/ENG/NO.693/2024**

**CONFIRMATION OF MINUTES OF THE  
PREVIOUS SITTINGS**

- a) Minutes of the 92<sup>nd</sup> sitting held on Tuesday, 1<sup>st</sup> October, 2024 were deferred till the next meeting; and
- b) Minutes of the 93<sup>rd</sup> sitting held on Tuesday, 8<sup>th</sup> October, 2024 were deferred till the next meeting; and
- c) Minutes of the 94<sup>th</sup> sitting held on Tuesday, 22<sup>nd</sup> October, 2024 were deferred till the next meeting.

**MIN. SEN/ENG/NO.687/2024**

**MATTERS ARISING FROM THE MINUTES**

There were no matters arising.

**MIN.SEN/ENG/NO.694/2024**

**MEETING WITH WAJIR COUNTY  
ASSEMBLY MEMBERS**

**The Committee was informed that-**

- a) The County Assembly ensured that all major roads in Wajir County were tarmacked;
- b) The Wajir Industrial Park has been developed by the County government as they are yet to receive funds from National Government on completion of the industrial park;
- c) There are numerous cases of kidney diseases in Wajir County due to the salty water from the boreholes dug, critical places like the police line do not have water at the moment;
- d) The Co functions of oversight and legislation are not properly funded in the budget allocated, most funds are taken up by wages and development functions in the Counties making it difficult to execute oversight;
- e) Ward development fund is very critical in ensuring that ward development projects are executed; and
- f) The County of Wajir is not on the national grid and the few generators making it difficult for residents to have stable power.

**Deliberations by the Committee-**

- a) The Committee noted that the funding of legislature needs to be separated so as to ensure independence of the County assembly and proper oversight functions;

- b) The Committee urged the Members of County Assembly to find ways in which own source revenue can be increased in the County for an increase in development projects; and
- c) The Committee inquired on the construction of the roads in the County and whether local contractors are given an opportunity;

The Committee was informed that most of the roads are being constructed by the locals.

**MIN. SEN/ENG/NO.695/2024**

**ANY OTHER BUSINESS**

The were no issues deliberated under Any Other Business-

**MIN. SEN/ENG/NO.696/2024**

**ADJOURNMENT**

The meeting was adjourned at 4.06 p.m. The date of the next meeting was to be communicated by notice.

SIGNED..... Oburu

DATE.....11/03/25.....

**SEN. (DR.) OBURU OGINGA, MGH, MP**

**CHAIRPERSON.**

ANNEX 2  
SCHEDULE OF THE  
COMMITTEE  
SITTINGS

REPUBLIC OF KENYA



PARLIAMENT OF KENYA  
THE SENATE

-----  
STANDING COMMITTEE ON ENERGY

13<sup>TH</sup> PARLIAMENT | FOURTH SESSION

**SCHEDULE OF COMMITTEE SITTINGS ON  
REPORT ON THE COUNTY OVERSIGHT AND NETWORKING ENGAGEMENTS  
IN WAJIR COUNTY**

No.	ACTIVITY	DESCRIPTION	DATES
1.	<i>Meeting with-</i>	The Governor and County Executive in Wajir County	25 <sup>th</sup> October,2024
		Wajir County Commissioner	26 <sup>th</sup> October,2024
		Wajir County Assembly Members	27 <sup>th</sup> October,2024
2.	<i>Visit to-</i>	Kenya Power and Lighting Company Wajir Substation	25 <sup>th</sup> October,2024
		Wajir County waste recycling plant	25 <sup>th</sup> October,2024
		Tarbaj Teachers Training College	27 <sup>th</sup> October,2024

2.	<i>Consideration of -</i>	The Committee Report	26 <sup>th</sup> March,2025
3.	<i>Adoption of -</i>	The Committee Report	26 <sup>th</sup> March,2025

ANNEX 3  
SUBMISSIONS  
FROM RURAL  
ELECTRIFICATION  
AND RENEWABLE  
GENERATION  
COOPERATION



**BRIEF ON RENEWABLE ENERGY PROJECTS IN  
MANDERA, WAJIR AND GARISSA COUNTIES**

## 1.0 INTRODUCTION

- Rural Electrification and Renewable Energy Corporation (REREC) is established under the Energy Act, 2019.
- It is mandated to oversee the implementation of rural electrification programmes and projects; develop, promote and manage the use of renewable energy and technologies.
- The primary objective is to enhance access to electricity and foster socio-economic transformation in the rural areas.
- Funding for these projects primarily comes from the exchequer, supplemented by contributions from various development partners and matching funds from the National Government Constituency Development Fund (NGCDF).

## 2.0 OVERVIEW OF RENEWABLE ENERGY PROJECTS

The Corporation was mandated to undertake electrification of all public primary schools which didn't have power supply to facilitate the government Digital Learning Program. As part of its support to the program, the Corporation has provided solar powered electricity to 4,881 public schools in various parts of the country.

These projects have been of a great support to education in the beneficiary schools because the students are able to contact evening studies more conveniently. This is expected to significantly improve the performance of these schools. Teaching primary pupils digital literacy skills is very important because they need to be able to understand the technology that they use early so that they can use it safely and effectively. In additions, this prepares them to future careers which will majorly be digital.

## Summary of RE Projects

COUNTY	PROJECTS					TOTAL PER COUNTY
	SCHOOLS ON SOLAR	HIGHMASTS/ STREETLIGHTS	MINIGRIDS	DIESEL GENERATORS	KOSAP BOREHOLES	
MANDERA	277	109	6	4	27	423
WAJIR	261	-	8	3	15	287
GARISSA	218	9	4	2	20	253
<b>TOTAL NO. OF PROJECTS</b>	<b>756</b>	<b>118</b>	<b>18</b>	<b>9</b>	<b>62</b>	<b>963</b>

### MANDERA COUNTY

Mandera County has a total of 277 schools installed with solar.

Table 1: Schools installed with solar – Mandera county

Item	Constituency	No of Schools		
		With Solar	Maintained	Scheduled for Maintenance
1	Banisa	45	23	22
2	Lafey	13	4	9
3	Mandera Central	2	1	1
4	Mandera East	43	7	36
5	Mandera North	56	36	20
6	Mandera South	66	37	29
7	Mandera West	49	34	15
8	Takaba	3	2	1
	<b>TOTAL</b>	<b>277</b>	<b>144</b>	<b>133</b>

Table 2: High masts and street lights

Item	County	Constituency	Project Name	QTY	Certified Amount	Total Amount	FY
1	Mandera	Mandera South	Elfasara Madrasa,	1	2,888,888.00	14,444,440.00	2019/20
2	Mandera	Mandera South	Oulati rd (Adra hospital)	1	2,888,888.00		2019/20
3	Mandera	Mandera South	Old town near masjid	1	2,888,888.00		2019/20
4	Mandera	Mandera South	Eleche	1	2,888,888.00		2019/20
5	Mandera	Mandera South	Kotulo near Luley hotel,	1	2,888,888.00		2019/20
6	Mandera	Lafey	Lafey old stage	1	2,888,888.00	2,888,888.00	2019/20

7	Mandera	Banisa	Banisa stage,	1	2,888,888.00	2,888,888.00	2019/20
8	Mandera	Mandera East	Mandera town stree lights	100	21,819,600.00	21,819,600.00	2018/19
9	Mandera	Mandera North	Rhamu old stage,	1	2,888,888.00	2,888,888.00	2019/20
10	Mandera	Mandera West	Wamur(cross road)	1	2,888,888.00	2,888,888.00	2019/20
Total					47,819,592.00	47,819,592.00	

Table 3: Mini-Grids

REREC SOLAR MINI-GRID PROJECTS					
No.	County	Mini-grid	Constituency	Capacity	No. of Connections
1	Mandera	Kiliwehiri	Banissa	60	83
2		Burduras	Mandera West	60	70
3		Gari	Lafey	60	90
4		Shimbir Fatuma	Mandera - S.	60	190
5		Ashabito	Mandera - N.	60	73
6		Arabia	Mandera -E.	60	150
TOTAL					656

Table 4: Diesel generators

GENSET POWER STATIONS CAPACITIES						
No.	County	Constituency	Site	Number of Machines Installed	Total Installed Capacity by (KVA)	No. of Customers Connected
1	Mandera	Mandera West	Tabaka	4	1030	4,300
2	Mandera	Mandera North	Rhamu	4	1030	1,598
3	Mandera	Banissa	Banissa	4	530	926
4	Mandera	Lafey	Kamoliriban	3	750	860
TOTAL				15	3,340	7,684

Table 5: Civil works

Item	County	Constituency	Project	Contract Amount	Status
1	Mandera	Lafey	Komorliban Diesel power plant perimeter wall	29,167,190.22	Site abandoned
2	Mandera	Banisa	Banisa Diesel power plant perimeter wall	27,655,281.00	Commissioned
TOTAL				56,822,471.22	

Table 6: KOSAP Boreholes

Item	Constituency	No. of Sites	Estimated Cost (Ksh)
1	Banisa	3	24,927,871.12
2	Lafey	5	21,262,166.41
3	Mandera East	3	21,030,252.59
4	Mandera North	4	24,111,533.57
5	Mandera South	9	63,844,542.47
6	Mandera West	3	31,881,574.67
TOTAL		27	187,057,940.84

## WAJIR COUNTY

Wajir County has a total of 261 schools installed with solar.

Table 7: Schools installed with solar – Wajir county

Item	Constituency	No of Schools		
		With Solar	Maintained	Scheduled Maintenance for
1	Eldas	21	9	12
2	Tarbaj	23	10	13
3	Wajir East	48	23	25
4	Wajir North	41	35	6
5	Wajir South	101	48	53
6	Wajir West	27	15	12
	<b>TOTAL</b>	<b>261</b>	<b>140</b>	<b>121</b>

Table 8: Mini-Grids

REREC SOLAR MINI-GRID PROJECTS					
Item	County	Site	Constituency	Rating (kW)	No. of Connection
1	Wajir	Biamadhow	Wajir North	60	400
2		Gurar	Wajir North	60	117
3		Hadado	Wajir West	60	173
4		Sarif	Wajir South	60	160
5		Basir	Elda	60	80
6		Riba	Wajir east	60	81
7		Sarman	Tarbaj	60	121
8		Buna	Wajir North	280	312
	<b>TOTAL</b>				<b>1,444</b>

Table 9: Diesel generators

GENSET POWER STATIONS CAPACITIES						
No.	County	Constituency	Site	Number of Machines Installed	Total Installed Capacity (KVA)	No. of Customers Connected
1	Wajir	Eldas	Eldas	4	1030	800
2	Wajir	Wajir North	Korondile	2	490	600
3	Wajir	Tarbaj	Kotulo	2	450	2,500
TOTAL				8	1,970	3,900

Table 10: Civil works

ITEM	COUNTY	CONSTITUENCY	PROJECT	CONTRACT AMOUNT	STATUS
1	Wajir	Tarbaj	Kotulo Diesel Power Plant Perimeter Wall	29,233,733.10	Commissioned
TOTAL				29,233,733.10	

Table 11: KOSAP Boreholes – Wajir

Item	Constituency	No. of sites	Cost estimate (Ksh)
1	Eldas	1	3,412,959.16
2	Tarbaj	2	9,729,774.45
3	Wajir East	1	12,970,449.26
4	Wajir North	3	21,817,248.96
5	Wajir South	3	33,683,764.92
6	Wajir West	5	57,156,183.90
TOTAL		15	138,770,380.66

## GARISSA COUNTY

Garissa County has a total of 218 schools installed with solar.

Table 12: Schools installed with solar – Garissa county

Item	Constituency	No of Schools		
		With Solar	Maintained	Scheduled for Maintenance
1	Balambala	45	23	22
2	Dadaab	62	15	47
3	Fafi	22	5	17
4	Garissa township	9	4	5
5	Iijara	43	5	38
6	Lagdera	37	20	17
	<b>TOTAL</b>	<b>218</b>	<b>72</b>	<b>146</b>

Table 13: High masts and street lights

GARISSA COUNTY									
HIGH MASTS AND STREET LIGHTING SUMMARY									
Item	County	Constituency	Project Name	QTY	Certified Amount	Total Amount Per Constituency	Total Amount Per County	FY	
1	Garissa	Fafi	Bura fafi	1	3,097,300.00	27,875,700.00	27,875,700.00	2021/22	
2	Garissa	Fafi	Jambele market	1	3,097,300.00			2021/22	
3	Garissa	Fafi	Nanighi 1	1	3,097,300.00			2021/22	
4	Garissa	Fafi	Nanighi 2	1	3,097,300.00			2021/22	
5	Garissa	Fafi	Abagdera	1	3,097,300.00			2021/22	
6	Garissa	Fafi	Hargadera market	1	3,097,300.00			2021/22	
7	Garissa	Fafi	Kamuthey	1	3,097,300.00			2021/22	
8	Garissa	Fafi	Alinjukur	1	3,097,300.00			2021/22	
9	Garissa	Fafi	Lafey old stage	1	3,097,300.00			2021/22	
	<b>TOTAL</b>					<b>27,875,700.00</b>	<b>27,875,700.00</b>	<b>27,875,700.00</b>	

Table 14: Mini-Grids

REREC SOLAR MINI-GRID PROJECTS					
Item	County	Site	Constituency	Rating (kW)	No. of Connection
1	Garissa	Sangailu	Ijara	60	90
2		Liboi	Dadaab	60	300
3		Eldera	Lagdera	60	80
4		Garsweino	Fafi	60	68
TOTAL					538

Table 15: Diesel generators

GENSET POWER STATIONS CAPACITIES						
No.	County	Constituency	Site	Number of Machines Installed	Total Installed Capacity (KVA)	No. of Customers Connected
1	Garissa	Ijara	Hulugho	2	275	1,000
2	Garissa	Dadaab	Dadaab	2	1000	4,000
TOTAL				4	1,275	5,000

Table 16: Proposed KOSAP boreholes

Item	Constituency	No. Sites	Cost Estimate (Ksh)
1	Dadaab	10	170,334,598.71
2	Fafi	2	23,467,603.52
3	Iijara	3	21,673,727.34
4	Lagdera	5	92,504,750.11
TOTAL		20	307,980,679.68

**Commissioning of Kamorliban Diesel Generator Upgrade Project**

The Corporation in the process of upgrading Kamorliban Diesel generator located in Mandera county, Lafey Constituency with a 500KVA generator. The plant is currently installed with two engines with a total capacity of 350KVA and connected to 389 customers. The upgrade is expected to create capacity to power the following newly constructed lines; Warankara Mkt, Warankara 2Txs, Warankara max, Fino Mkt, Fino 2Txs, Alungu Mkt, Damasa mkt. The new lines are expected to onboard 450 additional customers

	Project Name	Kamorliban Diesel Generator Upgrade
	Reference No.	REC-0904223/24012
1	Funding	GoK
2	Implementing Agency	REREC
3	Contractor	Saferoads Construction Ltd
4	Project Description	<ul style="list-style-type: none"> <li>Supply, installation, testing and commissioning of 500kVA diesel generator with associated civil works and cabling</li> </ul>
5	Project Cost	Kshs. 25,752,000.00
6	Project Location	Lafey Constituency
7	Public Facilities	<ul style="list-style-type: none"> <li>Households</li> <li>Schools</li> <li>Churches</li> <li>Administration office</li> </ul>
8	Total number of customers Targeted	450 No. additional customers

ANNEX 4  
REREC PUBLIC  
SCHOOLS  
ELECTRIFICATION  
STATUS

22172	Wajir	Wajir North	Ersteno Primary	1	Grid
22173	Wajir	Wajir North	Fullo	1	Grid
22174	Wajir	Wajir North	Funambua Primary	1	Grid
22175	Wajir	Wajir North	Garakilo Primary	1	Grid
22176	Wajir	Wajir North	Garsasare Primary	1	Grid
22177	Wajir	Wajir North	Garseake Primary	1	Grid
22178	Wajir	Wajir North	Godoma	1	Grid
22179	Wajir	Wajir North	Gurara Primary	1	Grid
22180	Wajir	Wajir North	Handaraka Primary	1	Grid
22181	Wajir	Wajir North	Haradula Primary	1	Grid
22182	Wajir	Wajir North	Hote	1	Grid
22183	Wajir	Wajir North	Ido Roble Primary	1	Grid
22184	Wajir	Wajir North	Ingirir Primary	1	Grid
22185	Wajir	Wajir North	Jarte Primary	1	Grid
22186	Wajir	Wajir North	Kadaduse Primary	1	Grid
22187	Wajir	Wajir North	Konchone Primary	1	Grid
22188	Wajir	Wajir North	Korondille Primary	1	Grid
22189	Wajir	Wajir North	Kuro Primary	1	Grid
22190	Wajir	Wajir North	Lensayu Primary	1	Grid
22191	Wajir	Wajir North	Loikuta North	1	Grid
22192	Wajir	Wajir North	Malaba Primary	1	Grid
22193	Wajir	Wajir North	Malakagufu Primary	1	Grid
22194	Wajir	Wajir North	Masalale North Primary	1	Grid
22195	Wajir	Wajir North	Milsaded Primary	1	Grid
22196	Wajir	Wajir North	Nyatta Primary	1	Grid
22197	Wajir	Wajir North	Ogorji	1	Grid
22198	Wajir	Wajir North	Oldinle Primary	1	Grid
22199	Wajir	Wajir North	Qarsa Primary	1	Grid
22200	Wajir	Wajir North	Qudama Primary	1	Grid
22201	Wajir	Wajir North	Rabsu Primary	1	Grid
22202	Wajir	Wajir North	Salla Primary	1	Grid
22203	Wajir	Wajir North	Sirey	1	Grid
22204	Wajir	Wajir North	Suraya Primary	1	Grid
22205	Wajir	Wajir North	Watiti Primary	1	Grid
22206	Wajir	Wajir South	Abakdere	1	Grid
22207	Wajir	Wajir South	Abakore	1	Grid
22208	Wajir	Wajir South	Abdile Gab	1	Grid
22209	Wajir	Wajir South	Abore	1	Grid
22210	Wajir	Wajir South	Alanus	1	Grid
22211	Wajir	Wajir South	Alidumal	1	Grid
22212	Wajir	Wajir South	Aliofsmall	1	Grid
22213	Wajir	Wajir South	Aqal Ar	1	Grid
22214	Wajir	Wajir South	Aqtalehel	1	Grid
22215	Wajir	Wajir South	Araqani	1	Grid
22216	Wajir	Wajir South	Billburbur	1	Grid
22217	Wajir	Wajir South	Biyamathow	1	Grid
22218	Wajir	Wajir South	Bron	1	Grid
22219	Wajir	Wajir South	Bula Juu	1	Grid
22220	Wajir	Wajir South	Burder	1	Grid
22221	Wajir	Wajir South	Dadajabula	1	Grid
22222	Wajir	Wajir South	Dagahley	1	Grid
22223	Wajir	Wajir South	Dahable	1	Grid
22224	Wajir	Wajir South	Dalsan	1	Grid
22225	Wajir	Wajir South	Diif Old Dam	1	Grid
22226	Wajir	Wajir South	Diif Primary	1	Grid
22227	Wajir	Wajir South	Dilmanyale	1	Grid
22228	Wajir	Wajir South	Dulgub	1	Grid
22229	Wajir	Wajir South	Eladon	1	Grid
22230	Wajir	Wajir South	El-Gal	1	Grid
22231	Wajir	Wajir South	Eyrib	1	Grid
22232	Wajir	Wajir South	Fadwein	1	Grid
22233	Wajir	Wajir South	Fini	1	Grid
22234	Wajir	Wajir South	Fumati	1	Grid
22235	Wajir	Wajir South	Gad Wab	1	Grid
22236	Wajir	Wajir South	Gerliley	1	Grid
22237	Wajir	Wajir South	Gullet Dare	1	Grid
22238	Wajir	Wajir South	Habaswein	1	Grid
22239	Wajir	Wajir South	Hambalash	1	Grid
22240	Wajir	Wajir South	Handaki	1	Grid
22241	Wajir	Wajir South	Haralawayo	1	Grid
22242	Wajir	Wajir South	Hubsoy	1	Grid
22243	Wajir	Wajir South	Ibrahim Ure	1	Grid
22244	Wajir	Wajir South	Ildalata	1	Grid
22245	Wajir	Wajir South	Karu	1	Grid
22246	Wajir	Wajir South	Kibilay Girls	1	Grid
22247	Wajir	Wajir South	Kulaley	1	Grid
22248	Wajir	Wajir South	Kulmis	1	Grid
22249	Wajir	Wajir South	Kursi	1	Grid
22250	Wajir	Wajir South	Lag Dub	1	Grid
22251	Wajir	Wajir South	Lamba Raha	1	Grid
22252	Wajir	Wajir South	Lehelev	1	Grid
22253	Wajir	Wajir South	Machesa	1	Grid
22254	Wajir	Wajir South	Matana	1	Grid
22255	Wajir	Wajir South	Mathah Libah0	1	Grid
22256	Wajir	Wajir South	Meri	1	Grid
22257	Wajir	Wajir South	Meygaq	1	Grid
22258	Wajir	Wajir South	Ndege	1	Grid
22259	Wajir	Wajir South	Qanjara	1	Grid
22260	Wajir	Wajir South	Qarurah	1	Grid
22261	Wajir	Wajir South	Qoqara	1	Grid
22262	Wajir	Wajir South	Rababale	1	Grid
22263	Wajir	Wajir South	Sabuli	1	Grid
22264	Wajir	Wajir South	Sala	1	Grid
22265	Wajir	Wajir South	Salalma	1	Grid
22266	Wajir	Wajir South	Sarif	1	Grid/Solar PV
22267	Wajir	Wajir South	Sheba Sheba	1	Grid
22268	Wajir	Wajir South	Shidley	1	Grid
22269	Wajir	Wajir South	Shimbur Bull	1	Grid
22270	Wajir	Wajir South	Siriba	1	Grid
22271	Wajir	Wajir South	Sukela	1	Grid
22272	Wajir	Wajir South	Tesorie	1	Grid

22273	Wair	Wajir South	Turguda	1	Grid
22274	Wair	Wajir South	Uthule	1	Grid
22275	Wair	Wajir South	Waaso Pri	1	Grid
22276	Wair	Wajir South	Weil- Ari	1	Grid
22277	Wair	Wajir West	Adanwale Primary	1	Grid
22278	Wair	Wajir West	Ademasajida	1	Grid
22279	Wair	Wajir West	Adhibohol	1	Grid
22280	Wair	Wajir West	Alhaqar	1	Grid
22281	Wair	Wajir West	Arabajahan Primary	1	Grid
22282	Wair	Wajir West	Baji	1	Grid
22283	Wair	Wajir West	Barmish	1	Grid
22284	Wair	Wajir West	Billq	1	Grid
22285	Wair	Wajir West	Boa Primary	1	Grid
22286	Wair	Wajir West	Boilyare Primary	1	Grid
22287	Wair	Wajir West	Bulla Forest	1	Grid
22288	Wair	Wajir West	Busbus	1	Grid
22289	Wair	Wajir West	Fatuma Nur	1	Grid
22290	Wair	Wajir West	Ganyure	1	Grid
22291	Wair	Wajir West	Garsekhoftu	1	Grid
22292	Wair	Wajir West	Garweine	1	Grid
22293	Wair	Wajir West	Gothey	1	Grid
22294	Wair	Wajir West	Griftu	1	Grid
22295	Wair	Wajir West	Guticha Primary	1	Grid
22296	Wair	Wajir West	Hadado	1	Grid/Solar PV
22297	Wair	Wajir West	Honkhalif Girls	1	Grid
22298	Wair	Wajir West	Jira	1	Grid
22299	Wair	Wajir West	Kalkalcha West	1	Grid
22300	Wair	Wajir West	Kanjara	1	Grid
22301	Wair	Wajir West	Korich	1	Grid
22302	Wair	Wajir West	Kubeysur	1	Grid
22303	Wair	Wajir West	Kukale	1	Grid
22304	Wair	Wajir West	Laqboqol	1	Grid
22305	Wair	Wajir West	Laqdim	1	Solar PV
22306	Wair	Wajir West	Langot	1	Grid
22307	Wair	Wajir West	Lmd	1	Solar PV
22308	Wair	Wajir West	Lolkuta North	1	Grid
22309	Wair	Wajir West	Lolkuta South	1	Grid
22310	Wair	Wajir West	Matho	1	Grid
22311	Wair	Wajir West	Maumau	1	Grid
22312	Wair	Wajir West	Qara Primary	1	Grid
22313	Wair	Wajir West	Shandarua	1	Grid
22314	Wair	Wajir West	Shantabaq	1	Grid
22315	Wair	Wajir West	Taqwa Primary	1	Grid
22316	Wair	Wajir West	Tulatul	1	Grid
22317	Wair	Wajir West	Waberi Girls	1	Grid
22318	Wair	Wajir West	Waqalla Primary	1	Grid
22319	Wair	Wajir West	Waso Girls	1	Grid
22320	Wair	Wajir West	Welathi	1	Grid
22321	Wair	Wajir West	Wichir	1	Grid
22322	West Pokot	Kacheliba	Acck Lobiroi	1	Solar PV
22323	West Pokot	Kacheliba	Aqc Katich	0	Solar PV
22324	West Pokot	Kacheliba	Aic Akiramet	1	Solar PV
22325	West Pokot	Kacheliba	Aic Kameris	1	Solar PV
22326	West Pokot	Kacheliba	Aic Matilsiran	0	Solar PV
22327	West Pokot	Kacheliba	Akelin	1	Solar PV
22328	West Pokot	Kacheliba	Alale	1	Solar PV
22329	West Pokot	Kacheliba	Alany	1	Solar PV
22330	West Pokot	Kacheliba	Amura	1	Solar PV
22331	West Pokot	Kacheliba	Arol	1	Solar PV
22332	West Pokot	Kacheliba	Asilong	1	Solar PV
22333	West Pokot	Kacheliba	Atatar	1	Solar PV
22334	West Pokot	Kacheliba	Chedawa	1	Solar PV
22335	West Pokot	Kacheliba	Chelopy	1	Solar PV
22336	West Pokot	Kacheliba	Chemananga	0	Solar PV
22337	West Pokot	Kacheliba	Chematudor	1	Solar PV
22338	West Pokot	Kacheliba	Chemayos	1	Solar PV
22339	West Pokot	Kacheliba	Chepchikarar	1	Solar PV
22340	West Pokot	Kacheliba	Chepkinah	1	Solar PV
22341	West Pokot	Kacheliba	Chepnqirat	0	Solar PV
22342	West Pokot	Kacheliba	Chepoqhin	0	Solar PV
22343	West Pokot	Kacheliba	Chepsepin	1	Solar PV
22344	West Pokot	Kacheliba	Cheptan	0	Solar PV
22345	West Pokot	Kacheliba	Cheptokol	1	Solar PV
22346	West Pokot	Kacheliba	Chepurwo	1	Solar PV
22347	West Pokot	Kacheliba	Cherangan	1	Solar PV
22348	West Pokot	Kacheliba	Chesawachi	1	Solar PV
22349	West Pokot	Kacheliba	Chespen	0	Solar PV
22350	West Pokot	Kacheliba	Chitkach	0	Solar PV
22351	West Pokot	Kacheliba	Churum	0	Solar PV
22352	West Pokot	Kacheliba	Eick Kaptolomwo	1	Solar PV
22353	West Pokot	Kacheliba	Eick Napiz	1	Solar PV
22354	West Pokot	Kacheliba	Kachawa	1	Solar PV

21980	Vihiga	Sabatia	Nadanya Pri	1	Grid
21981	Vihiga	Sabatia	Ondeyo Pri	1	Grid
21982	Vihiga	Sabatia	Sabatia Pri	1	Grid
21983	Vihiga	Sabatia	Selelwe Pri	1	Grid
21984	Vihiga	Sabatia	Simboyi Pri	1	Grid
21985	Vihiga	Sabatia	Tsimbalo Pri	1	Grid
21986	Vihiga	Sabatia	Vihindi Pri	1	Grid
21987	Vihiga	Sabatia	Viyalo Pri	1	Grid
21988	Vihiga	Sabatia	Vohovole Pri	1	Grid
21989	Vihiga	Sabatia	Vokoli Pri	1	Grid
21990	Vihiga	Sabatia	Vuyhya Pri	1	Grid
21991	Vihiga	Sabatia	Wagevi Pri	1	Grid
21992	Vihiga	Sabatia	Walodeya Pri	1	Grid
21993	Vihiga	Sabatia	Wamage Pri	1	Grid
21994	Vihiga	Sabatia	Wandega Pri	1	Grid
21995	Vihiga	Sabatia	Wanqulu Pri	1	Grid
21996	Vihiga	Sabatia	Wanondi Pri	1	Grid
21997	Vihiga	Vihiga	Busamo	1	Grid
21998	Vihiga	Vihiga	Chambale	1	Grid
21999	Vihiga	Vihiga	Chambiti	1	Grid
22000	Vihiga	Vihiga	Chanda	1	Grid
22001	Vihiga	Vihiga	Chandolo	1	Grid
22002	Vihiga	Vihiga	Chandugunyi	1	Grid
22003	Vihiga	Vihiga	Chango	1	Grid
22004	Vihiga	Vihiga	Chanzeywe	1	Grid
22005	Vihiga	Vihiga	Chanzuvu	1	Grid
22006	Vihiga	Vihiga	Chavavo	1	Grid
22007	Vihiga	Vihiga	Chavugami	1	Grid
22008	Vihiga	Vihiga	Emanda	1	Grid
22009	Vihiga	Vihiga	Embaga	1	Grid
22010	Vihiga	Vihiga	Enanga	1	Grid
22011	Vihiga	Vihiga	Gavalagi	1	Grid
22012	Vihiga	Vihiga	Hamasana	1	Grid
22013	Vihiga	Vihiga	Hambaie	1	Grid
22014	Vihiga	Vihiga	Idavaga	1	Grid
22015	Vihiga	Vihiga	Ideleri	1	Grid
22016	Vihiga	Vihiga	Iduku	1	Grid
22017	Vihiga	Vihiga	Igakala	1	Grid
22018	Vihiga	Vihiga	Ihyagalo	1	Grid
22019	Vihiga	Vihiga	Ikumba	1	Grid
22020	Vihiga	Vihiga	Inavi	1	Grid
22021	Vihiga	Vihiga	Induru	1	Grid
22022	Vihiga	Vihiga	Ingidi	1	Grid
22023	Vihiga	Vihiga	Inyanza	1	Grid
22024	Vihiga	Vihiga	Isaku Adc	1	Grid
22025	Vihiga	Vihiga	Itengi	1	Grid
22026	Vihiga	Vihiga	Kedohi	1	Grid
22027	Vihiga	Vihiga	Kegendirova	1	Grid
22028	Vihiga	Vihiga	Kegoye	1	Grid
22029	Vihiga	Vihiga	Kerongo	1	Grid
22030	Vihiga	Vihiga	Kidinye	1	Grid
22031	Vihiga	Vihiga	Kidundu	1	Grid
22032	Vihiga	Vihiga	Kigadahi	1	Grid
22033	Vihiga	Vihiga	Kisiyena	1	Grid
22034	Vihiga	Vihiga	Kisingilu	1	Grid
22035	Vihiga	Vihiga	Kitulu	1	Grid
22036	Vihiga	Vihiga	Kitumba	1	Grid
22037	Vihiga	Vihiga	Lusavasavi	1	Grid
22038	Vihiga	Vihiga	Lyamagale	1	Grid
22039	Vihiga	Vihiga	Lyamagale	1	Grid
22040	Vihiga	Vihiga	Madira	1	Grid
22041	Vihiga	Vihiga	Madzugi	1	Grid
22042	Vihiga	Vihiga	Madzuu	1	Grid
22043	Vihiga	Vihiga	Magaka	1	Grid
22044	Vihiga	Vihiga	Magui	1	Grid
22045	Vihiga	Vihiga	Mahanga	1	Grid
22046	Vihiga	Vihiga	Malindi Adc	1	Grid
22047	Vihiga	Vihiga	Manyatta	1	Grid
22048	Vihiga	Vihiga	Masana Aic	1	Grid
22049	Vihiga	Vihiga	Matagalu	1	Grid
22050	Vihiga	Vihiga	Matsigulu	1	Grid
22051	Vihiga	Vihiga	Mbihi	1	Grid
22052	Vihiga	Vihiga	Moses Akaranga	1	Grid
22053	Vihiga	Vihiga	Muhanda	1	Grid
22054	Vihiga	Vihiga	Mukuli	1	Grid
22055	Vihiga	Vihiga	Musunguti	1	Grid
22056	Vihiga	Vihiga	Mwoki	1	Grid
22057	Vihiga	Vihiga	Navuhi	1	Grid
22058	Vihiga	Vihiga	Vigetse	1	Grid
22059	Vihiga	Vihiga	Vigina	1	Grid
22060	Vihiga	Vihiga	Vihiga	1	Grid
22061	Vihiga	Vihiga	Visiru	1	Grid
22062	Vihiga	Vihiga	Vumale	1	Grid
22063	Vihiga	Vihiga	Vunandi	1	Grid
22064	Vihiga	Vihiga	Womulalu	1	Grid
22065	Vihiga	Vihiga	Womulalu. Sp	1	Grid
22066	Wajir	Eldas	Abdi Wako Primary	1	Grid
22067	Wajir	Eldas	Anole Primary	1	Grid
22068	Wajir	Eldas	Areswaili Primary	1	Grid
22069	Wajir	Eldas	Bakala Primary School	1	Grid
22070	Wajir	Eldas	Balada Primary	1	Grid
22071	Wajir	Eldas	Baladul Amin Primary	1	Grid
22072	Wajir	Eldas	Banadir Primary School	1	Grid
22073	Wajir	Eldas	Banadu Primary	1	Grid
22074	Wajir	Eldas	Bananev Primary	1	Grid
22075	Wajir	Eldas	Basir Primary	1	Grid/Solar PV
22076	Wajir	Eldas	Dantalai Primary	1	Grid

22077	Wajir	Eidas	Dela	1	Grid
22078	Wajir	Eidas	Eidas Primary	1	Grid
22079	Wajir	Eidas	El-Nur Primary	1	Grid
22080	Wajir	Eidas	Horoto Primary	1	Grid
22081	Wajir	Eidas	Jiqiga Primary	1	Grid
22082	Wajir	Eidas	Jukala Primary	1	Grid
22083	Wajir	Eidas	Kilalay Primary	1	Grid
22084	Wajir	Eidas	Lakole Primary	1	Grid
22085	Wajir	Eidas	Liban Primary	1	Grid
22086	Wajir	Eidas	Maiabow Primary	1	Grid
22087	Wajir	Eidas	Masalale Primary	1	Grid
22088	Wajir	Eidas	Mirgo Primary	1	Grid
22089	Wajir	Eidas	Waradey Primary	1	Grid
22090	Wajir	Eidas	Wargadud West Primary School	1	Grid
22091	Wajir	Eidas	Yaqa Primary	1	Grid
22092	Wajir	Tarba	Basaneja	1	Grid
22093	Wajir	Tarba	Boji Garas Primary	1	Grid
22094	Wajir	Tarba	Burmayaao	1	Grid
22095	Wajir	Tarba	Dambas	1	Grid
22096	Wajir	Tarba	Dasheq Primary	1	Grid
22097	Wajir	Tarba	Doksa Primary	1	Grid
22098	Wajir	Tarba	Dolka	1	Grid
22099	Wajir	Tarba	Dunto	1	Grid
22100	Wajir	Tarba	Elben Primary	1	Grid
22101	Wajir	Tarba	Elben Primary	1	Grid
22102	Wajir	Tarba	Elyunis	1	Grid
22103	Wajir	Tarba	Gunana	1	Grid
22104	Wajir	Tarba	Haraqal	1	Grid
22105	Wajir	Tarba	Harawa Primary	1	Grid
22106	Wajir	Tarba	Hassanarrow	1	Grid
22107	Wajir	Tarba	Jaijai	1	Grid
22108	Wajir	Tarba	Jowhar Primary	1	Grid
22109	Wajir	Tarba	Kajaja I	1	Grid
22110	Wajir	Tarba	Kajaja II	1	Grid
22111	Wajir	Tarba	Katote	1	Grid
22112	Wajir	Tarba	Kutulo Girls	1	Grid
22113	Wajir	Tarba	Kutulo Primary	1	Grid
22114	Wajir	Tarba	Lafaley Primary	1	Grid
22115	Wajir	Tarba	Maadatho Primary	1	Grid
22116	Wajir	Tarba	Machnben	1	Grid
22117	Wajir	Tarba	Maiabow	1	Grid
22118	Wajir	Tarba	Mansa	1	Grid
22119	Wajir	Tarba	Oqorale	1	Grid
22120	Wajir	Tarba	Saraman	1	Grid
22121	Wajir	Tarba	Tarabai Primary	1	Grid
22122	Wajir	Wajir East	Abaq Fino	1	Grid
22123	Wajir	Wajir East	Afarshale	1	Grid
22124	Wajir	Wajir East	Ama Primary	1	Grid
22125	Wajir	Wajir East	Arbaqeramso	1	Grid
22126	Wajir	Wajir East	Bahati Icf Primary	1	Grid
22127	Wajir	Wajir East	Banqal Primary	1	Grid
22128	Wajir	Wajir East	Barwao	1	Grid
22129	Wajir	Wajir East	Bulla Elmi	1	Grid
22130	Wajir	Wajir East	Catholic	1	Grid
22131	Wajir	Wajir East	Elbay Icf Primary	1	Grid
22132	Wajir	Wajir East	Furaha Primary	1	Grid
22133	Wajir	Wajir East	Got-Ade Primary	1	Grid
22134	Wajir	Wajir East	Halane	1	Grid
22135	Wajir	Wajir East	Hodhan Icf Primary	1	Grid
22136	Wajir	Wajir East	Hudhile Icf Primary	1	Grid
22137	Wajir	Wajir East	Icf Primary	1	Grid
22138	Wajir	Wajir East	Jogbaru Primary	1	Grid
22139	Wajir	Wajir East	Kalkacha Primary	1	Grid
22140	Wajir	Wajir East	Kharoo Harar	1	Grid
22141	Wajir	Wajir East	Konton	1	Grid
22142	Wajir	Wajir East	Lambib	1	Grid
22143	Wajir	Wajir East	Makaror Primary	1	Grid
22144	Wajir	Wajir East	Mh School	1	Grid
22145	Wajir	Wajir East	Qahira	1	Grid
22146	Wajir	Wajir East	Qarsa Primary	1	Grid
22147	Wajir	Wajir East	Rahma Icf Primary	1	Grid
22148	Wajir	Wajir East	Riba	1	Grid/Solar PV
22149	Wajir	Wajir East	Salama	1	Grid
22150	Wajir	Wajir East	Shaleto Icf Primary	1	Grid
22151	Wajir	Wajir East	Sitawario	1	Grid
22152	Wajir	Wajir East	Township Primary	1	Grid
22153	Wajir	Wajir East	Volunteer	1	Grid
22154	Wajir	Wajir East	Waben	1	Grid
22155	Wajir	Wajir East	Wajir Bor	1	Grid
22156	Wajir	Wajir East	Wajir Primary School	1	Grid
22157	Wajir	Wajir East	Wajir School For Deaf	1	Grid
22158	Wajir	Wajir East	Waps (Wajir Girls)	1	Grid
22159	Wajir	Wajir North	Adadijole	1	Grid
22160	Wajir	Wajir North	Ajawa Primary	1	Grid
22161	Wajir	Wajir North	Basir North	1	Grid
22162	Wajir	Wajir North	Beramo	1	Grid
22163	Wajir	Wajir North	Bosicha Primary	1	Grid
22164	Wajir	Wajir North	Bthelu Primary	1	Grid
22165	Wajir	Wajir North	Buna Primary	1	Grid
22166	Wajir	Wajir North	Bute	1	Grid
22167	Wajir	Wajir North	Chalalaga	1	Grid
22168	Wajir	Wajir North	Chipder	1	Grid
22169	Wajir	Wajir North	Danaba Primary	1	Grid
22170	Wajir	Wajir North	Daranle Primary	1	Grid
22171	Wajir	Wajir North	Dugo	1	Grid