

MEDIUM-TERM EXPENDITURE FRAMEWORK (MTEF) FOR 2025-2028



**MINISTRY OF
ENERGY AND
GREEN
TRANSITION**



REPUBLIC OF GHANA

**PROGRAMME BASED
BUDGET ESTIMATES
FOR 2025**

THEME: Resetting The Economy For The Ghana We Want

The MOEn> MTEF PBB for 2025 is also available on the internet at: www.mofep.gov.gh

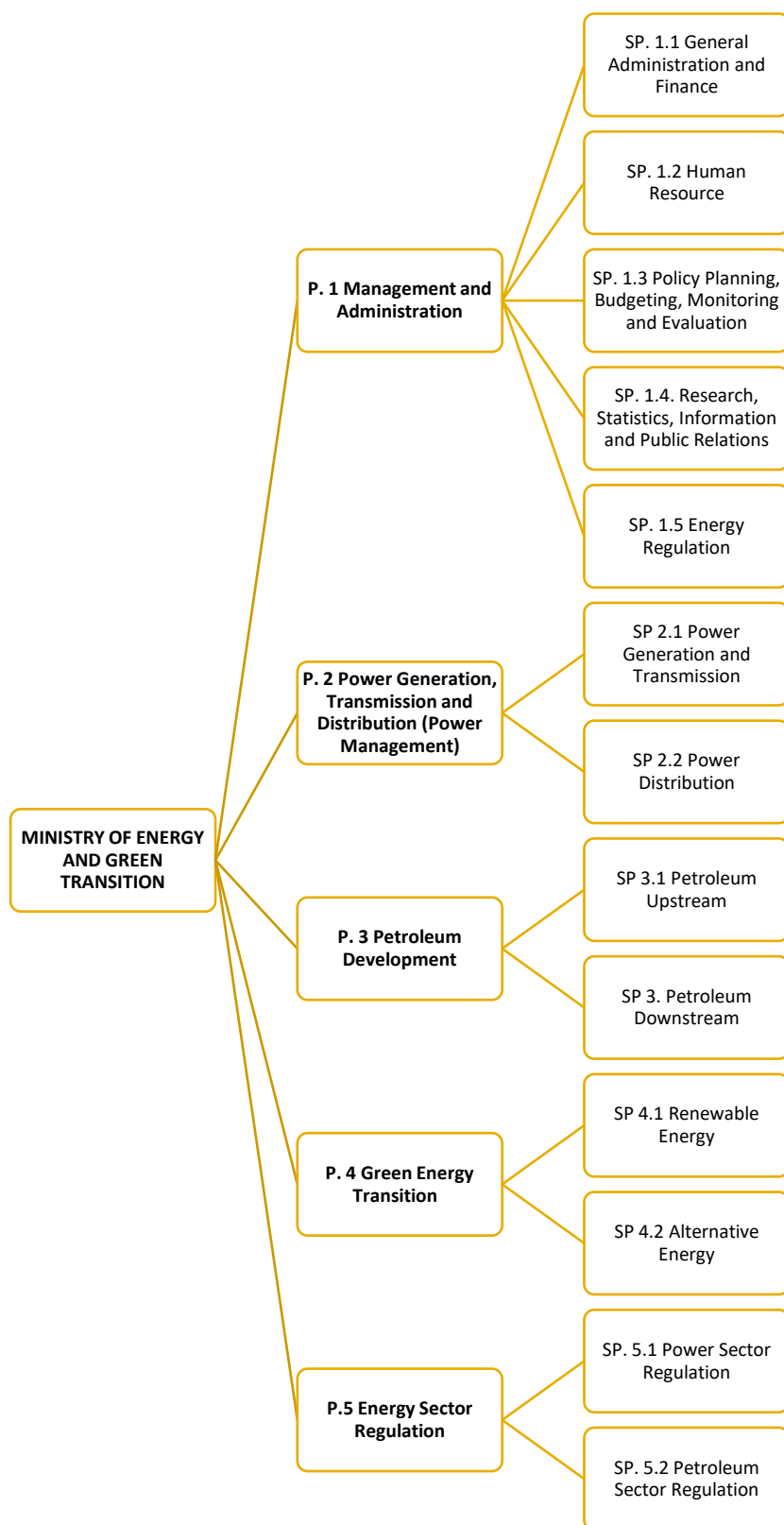


TABLE OF CONTENTS

PART A: STRATEGIC OVERVIEW OF THE MINISTRY OF ENERGY	1
1. NMTDPF 2022-2025 POLICY OBJECTIVES	1
2. GOAL	1
3. CORE FUNCTIONS.....	2
4. POLICY OUTCOMES, INDICATORS AND TARGETS	3
5. EXPENDITURE TREND (JANUARY 2022 TO DECEMBER 2023).....	5
6. 2024 BUDGET EXPENDITURE PERFORMANCE BY ECONOMIC CLASSIFICATION – JANUARY TO DECEMBER	6
7. KEY ACHIEVEMENTS 2024 (WITH PICTURES)	8
PART B: BUDGET PROGRAMME/SUB-PROGRAMME SUMMARY	17
PROGRAMME 1: MANAGEMENT AND ADMINISTRATION.....	17
PROGRAMME 2: POWER SECTOR DEVELOPMENT AND MANAGEMENT ...	34
PROGRAMME 3: PETROLEUM SECTOR DEVELOPMENT	44
PROGRAMME 4: RENEWABLE ENERGY DEVELOPMENT.....	58
PROGRAMME 5: ENERGY SECTOR REGULATION	70
PART C: PUBLIC INVESTMENT PLAN (PIP)	81



ROGRAMME STRUCTURE - MINISTRY OF ENERGY AND GREEN TRANSITION





1.5. Appropriation Bill

Summary of Expenditure by Sub-Programme, Economic Item and Funding

Entity: 018 - Ministry of Energy and Green Transition
Year: 2025 | Currency: Ghana Cedi (GHS)
Full Year Budget

	GoG				IGF				Funds / Others			Donors			Grand Total
	Compensation of employees	Goods and Services	31 - Non financial assets	Total	Compensation of employees	Goods and Services	31 - Non financial assets	Total	Statutory	ABFA	Others	Goods and Services	31 - Non financial assets	Total	
01801 - Management and Administration	12,655,133	24,990,000	163,850,000	201,495,133	33,320,311	24,797,527	14,436,183	72,554,021					21,840,000	21,840,000	295,889,154
01801001 - GENERAL ADMINISTRATION And FINANCE	7,249,545	18,350,000	163,850,000	189,449,544	33,320,311	24,797,527	14,436,183	72,554,021					21,840,000	21,840,000	283,843,566
01801002 - Human Resource	3,678,849	1,590,000		5,268,850											5,268,850
01801003 - Policy Planning,Budgeting, Monitoring And Evaluation	901,366	2,760,000		3,661,366											3,661,366
01801004 - Research, Statistics Information And Public Relations	825,373	2,290,000		3,115,373											3,115,373
01802 - Power Generation, Transmission And Distribution (Power Management)	1,231,905	2,226,000	84,250,000	87,707,905	42,243,227	21,938,586	9,414,113	73,595,926					59,660,000	59,660,000	220,963,832
01802001 - Power Generation and Transmission	170,121	954,000		1,124,121	42,243,227	21,938,586	9,414,113	73,595,926					59,660,000	59,660,000	134,380,048
01802002 - Power Distribution	1,061,784	1,272,000	84,250,000	86,583,784											86,583,784
01803 - Petroleum Development	1,029,599	7,501,646	900,000	9,431,245											9,431,245
01803001 - Upstream	467,824	823,500		1,291,324											1,291,324
01803002 - Downstream	504,435	6,495,146	900,000	7,899,581											7,899,581
01803003 - Health, Security, Safety and Environment	57,340	183,000		240,340											240,340
01804 - Renewable Energy Development	435,271	3,954,000	51,000,000	55,389,271									277,559,946	277,559,946	332,949,217
01804001 - Renewable Energy	435,271	954,000	48,000,000	49,389,271									277,559,946	277,559,946	326,949,217
01804002 - Alternative Energy		3,000,000	3,000,000	6,000,000											6,000,000
01805 - Energy Sector Regulation					227,269,021	104,007,583	90,395,283	421,671,887							421,671,887
01805002 - Petroleum Sector Regulation					227,269,021	104,007,583	90,395,283	421,671,887							421,671,887
Grand Total	15,351,908	38,671,646	300,000,000	354,023,554	302,832,559	150,743,696	114,245,580	567,821,835					359,059,946	359,059,946	1,280,905,335

PART A: STRATEGIC OVERVIEW OF THE MINISTRY OF ENERGY

1. NMTDPF 2022-2025 POLICY OBJECTIVES

The Policy Objectives of the Ministry of Energy have been adopted from the National Medium-Term Development Plan Framework (NMTDPF) to be implemented over the period of 2022-2025. The Policy Objectives for the Sector are as follows:

- To achieve cost-competitive electricity generation.
- To develop a grid transmission system that facilitates efficient and cost-competitive power evacuation and transportation.
- To accelerate the achievement of universal access to electricity in the country.
- To strengthen the electricity distribution system to enhance a competitive electricity retail market and improve revenue collection
- To increase the contribution of renewable energy in the overall energy production mix
- To ensure that Ghana's petroleum resources are managed in a transparent and sustainable manner
- To create an environment that will sustain the development and productive utilization of natural gas
- To ensure an effective and efficient functioning downstream petroleum industry.
- To maximize Local Content & Local Participation in the energy sector
- To protect the health, safety and security of people working in the energy value chain
- To ensure that energy is produced, transported and utilized in an environmentally sustainable manner.
- To mainstream gender and persons with disabilities in the energy sector.
- To promote research into energy production, supply and utilization to ensure sustainable development and use of energy resources.
- Enhance capacity for policy formulation and coordination.
- To ensure effective and efficient government machinery.

2. GOAL

The goal of the Energy Sector is “Safeguard the Natural Environment and Ensure a Resilient Built Environment”.



3. CORE FUNCTIONS

Section 13 of the Civil Service Act 1993 (PNDCL 327) states the following:

“A Ministry shall:

- Initiate and formulate policies, taking into account the needs and aspirations of the people;
- Undertake development planning in consultation with the National Development Planning Commission; and
- Coordinate, monitor and evaluate the efficiency and effectiveness of the performance of the Sector”

In view of the aforementioned, the Core functions of the Ministry of Energy include to;

- translate Government’s energy development agenda and policy directions contained in the national energy policy into strategies and programmes;
- ensure the reliable supply of affordable energy services to meet national demand and for export;
- increase access to modern energy forms, especially in the rural areas;
- ensure availability and security of future energy supplies; and
- strengthen the capacity of energy sector institutions in the planning and coordination of the sector.



4. POLICY OUTCOMES, INDICATORS AND TARGETS

Outcome Indicator Description	Unit of Measurement	Baseline		Latest Status		Target	
		Year	Value	Year	Value	Year	Value
Access to Electricity increased (SDG Target 7.b)	Access Rate (Percentage)	2023	88.85 %	2024	89.03%	2025	89.3%
Electricity extended to deprived communities (SDG Target 7.b)	Number of communities connected to the national grid		11,665 (Cumulative since inception)		276		400
Increased penetration of renewable energy in the national energy supply mix (SDG Targets 7.2, 7.3, 7.a)	Percentage of RE capacity addition to the grid		3.1% (174 MW)		3.64% (205MW)		4.2% (236MW)
Mini-grid Electrification using Renewable Energy technologies in island and lakeside communities installed (SDG Targets 7.2, 7.3, 7.a)	Number of mini-grids installed		Five (5) mini-grid for island communities in the Ada East District were initiated and currently at 80% state of completion		Three Ada Mini-grids (located at Azizakpe, Aflive, and Alorkpem) completed and commissioned Five mini-grids rehabilitated and operationalized.		Commence procurement of meters, solar home systems and materials for 35 Mini grids under the Scaling-Up Renewable Energy Programme.
Low reliance on wood fuels (SDG Targets 7.)	Number of Improved Charcoal Cook Stoves (ICS)distributed		453,567 units of improved charcoal cookstoves have been manufactured and distributed		11,433 improved charcoal cookstoves have been locally manufactured and distributed; 485,000 First Certified Emission Reduction (CER) completed and offsets achieved.		15,000 ICS distributed to complete the project
Access to LPG increased (SDG Target 7.1)	Percentage of population with access to LPG		40.2%		41%		41%



Outcome Indicator Description	Unit of Measurement	Baseline		Latest Status		Target	
		Year	Value	Year	Value	Year	Value
Improved security and availability of Petroleum Products (SDG 7b)	Annual volume of petroleum products supplied in litres	2023	5.5 billion litres	2024	6.46 billion litres	2025	6.6 billion litres
Increased Production figures from the Oil and Gas fields (SDG Target 9.b)	Annual volume of oil produced in barrels		48.24 MMbbls		48.23 MMbbls		42.49 MMbbls
	Gas Export		105.11Bcf		115.45 Bcf		127.89 Bcf
Increased production from Jubilee field (SDG Target 9.b)	Annual Volume of Oil produced.		30.44 MMbbls		31.85 MMbbls		27.19 MMbbls
	Gas Export		34.90 Bcf		32.8 Bcf		36.50 Bcf
Increased production from TEN field (SDG Target 9.b)	Annual Volume of Oil produced.		6.72MMbbls		6.78 MMbbls		6.5 MMbbls
	Gas Export		0.92 Bcf		0.86 Bcf		1.96 Bcf
Increased production from SGN field (SDG Target 9.b)	Annual Volume of Oil produced.		11..08 MMbbls		9.6 MMbbls		8.8 MMbbls
	Non- Associated Gas Export		69.29 Bcf		81.79 Bcf		89.43 Bcf



5. EXPENDITURE TREND (JANUARY 2022 TO DECEMBER 2023)

In the year 2022, an amount of GH¢5,644,000.00 was expended for Compensation of Employees and GH¢899,744.62 for Goods and Services. CAPEX expenditure was GH¢236,799,188.46 made up of GH¢13,004,307.12 (GoG), GH¢60,715,861.20 (ABFA) and GH¢154,811,353.14 (DP Funds). Expenditure from Internally Generated Funds also amounted to GH¢35,946,379.00. In all, the Ministry expended a total of GH¢274,182,981.00.

As of October 2023, the Ministry had expended an amount of GH¢140,784,249.73.48 for Compensation and GH¢207,683,775.19 for Goods and Services. CAPEX amounted to GH¢286,917,686.22. Development Partner Funds expended during the period amounted to GH¢150,719,424.40 while Internally Generated Funds expended was GH¢33,753,528.00. Expenditure from ESLA and Other Sources were GH¢296,126,226.42 and GH¢6,455,209,265.08 respectively.



6. 2024 BUDGET EXPENDITURE PERFORMANCE BY ECONOMIC CLASSIFICATION – JANUARY TO DECEMBER

EXPENDITURE ITEM / FUNDING SOURCE	2024 APPROVED BUDGET / APPROPRIATION	2024 AMOUNT RELEASED	ACTUAL EXPENDITURE FOR 2024	VARIANCE 1	VARIANCE 2
	A	B	C	D=A-B	E=B-C
Compensation of Employees	262,092,815.00	263,657,100.71	261,625,100.71	- 1,564,285.71	2,032,000.00
o/w GoG	11,561,511.00	12,933,965.71	12,933,965.71	(1,372,454.71)	-
(Headquarters)	10,052,415.00	12,301,855.71	12,301,855.71	- 2,249,440.71	-
Petroleum Hub	1,509,096.00	632,110.00	632,110.00	876,986.00	-
IGF	250,531,304.00	250,723,135.00	248,691,135.00	- 191,831.00	2,032,000.00
<i>Energy Commission</i>	<i>39,520,848.00</i>	<i>38,089,135.00</i>	<i>38,089,135.00</i>	<i>1,431,713.00</i>	-
<i>Petroleum Commission</i>	<i>83,968,456.00</i>	<i>85,592,000.00</i>	<i>85,592,000.00</i>	- <i>1,623,544.00</i>	-
<i>National Petroleum Authority</i>	<i>127,042,000.00</i>	<i>127,042,000.00</i>	<i>125,010,000.00</i>	-	<i>2,032,000.00</i>
Use of Goods and Services	240,480,272.00	226,803,794.86	222,460,794.86	13,676,477.14	4,343,000.00
o/w GoG	19,623,919.00	10,401,919.35	10,401,919.35	9,221,999.65	-
HEADQUARTERS	<i>10,800,000.00</i>	<i>4,295,132.33</i>	<i>4,295,132.33</i>	<i>6,504,867.67</i>	-
PETROLEUM HUB	<i>7,017,485.00</i>	<i>5,170,000.00</i>	<i>5,170,000.00</i>	<i>1,847,485.00</i>	-
NUCLEAR ENERGY	<i>1,806,434.00</i>	<i>936,787.02</i>	<i>936,787.02</i>	<i>869,646.98</i>	-

EXPENDITURE ITEM / FUNDING SOURCE	2024 APPROVED BUDGET / APPROPRIATION	2024 AMOUNT RELEASED	ACTUAL EXPENDITURE FOR 2024	VARIANCE 1	VARIANCE 2
	A	B	C	D=A-B	E=B-C
IGF	213,872,517.00	214,252,258.00	209,909,258.00	- 379,741.00	4,343,000.00
<i>Energy Commission</i>	38,716,772.00	37,801,795.00	37,801,795.00	914,977.00	-
<i>Petroleum Commission</i>	45,574,745.00	46,869,463.00	46,869,463.00	- 1,294,718.00	-
<i>National Petroleum Authority</i>	129,581,000.00	129,581,000.00	125,238,000.00	-	4,343,000.00
DP Funds	6,983,836.00	2,149,617.51	2,149,617.51	4,834,218.49	-
Capital Expenditure	1,145,478,797.00	856,507,493.01	862,071,493.01	288,971,303.99	- 5,564,000.00
<i>o/w GoG</i>	805,000,000.00	553,640,983.84	553,640,983.84	251,359,016.16	-
<i>HEADQUARTERS</i>	5,000,000.00	2,987,710.03	2,987,710.03	2,012,289.97	-
<i>RURAL ELECTRIFICATION</i>	800,000,000.00	550,653,273.81	550,653,273.81	249,346,726.19	-
IGF	195,872,517.00	192,892,085.00	198,456,085.00	2,980,432.00	- 5,564,000.00
<i>Energy Commission</i>	15,600,000.00	13,337,004.00	13,337,004.00	2,262,996.00	-
<i>Petroleum Commission</i>	4,853,517.00	4,136,081.00	4,136,081.00	717,436.00	-
<i>National Petroleum Authority</i>	175,419,000.00	175,419,000.00	180,983,000.00	-	- 5,564,000.00
DP FUNDS	144,606,280.00	109,974,424.17	109,974,424.17	34,631,855.83	-
TOTAL	1,648,051,884.00	1,346,968,388.58	1,346,157,388.58	301,083,495.42	811,000.00

7. KEY ACHIEVEMENTS 2024 (WITH PICTURES)

Power Sector Development and Management Programme Generation and Transmission

As part of efforts to improve the power system stability within the middle and northern parts of Ghana, all the ten (10) units of the Ameri plant have been relocated to Kumasi with six (6) units of a total capacity of 150MW currently in operation. The last four units that were transported to Kumasi are yet to be commissioned by the end of June 2025 to generate additional 100MW.



Following the Memorandum of Understanding (MoU) signed between GRIDCo and Siemens AG on January 14, 2020, a proposal was submitted for the development of critical transmission projects which was aimed at re-equipping the national interconnected transmission system for enhanced performance, with the objective of exporting excess power to neighboring countries. The objective of the Ghana-Siemens Priority Project is to improve supply reliability and reduce losses in the middle and northern parts of the national grid. The Project has been stalled due to the current debt restructuring and IMF programme for 2023 – 2026 which places a limit on non-concessional external borrowing by the central Government. MoF has noted that any foreseeable non-concessional borrowing will be beyond 2027.

Efforts are being made to repower the 132MW Takoradi Thermal Plant (T3). Currently, the Engineering, Procurement and Construction (EPC) contract has been signed for repowering the 132 MW Takoradi (T3) thermal Power Plants.



The 200MW Stage 1 of the Early Power project achieved Commercial Operation on July 18, 2024. The Early Power project is a 400MW thermal power project which is being developed in two stages. Stage 1, which is a combined cycle plant with a net output of 420MW and Stage 2, a combined cycle plant with a net output of 420 MW.



To meet the increasing load at the main load centers in Kumasi and beyond, power system, studies have identified a strategic new transmission line connecting Accra to the Ashanti region. The proposed 330 kV Accra-Kumasi Transmission Line would form a strong connection between the two cities. The contract for the Environmental Consultant has been awarded, and the Consultant is currently preparing the inception report. Request for Proposals for the Project Management specialists has been issued to shortlisted firms. The project when completed would strengthen the National Grid for domestic use and export.

Power Distribution

The Ministry of Energy and Green Transition is committed to achieve universal access to electricity. Under the Rural Electrification Programme, a total of 276 communities have been connected to the national grid in 2024. The national electricity access rate has increased to 89.03%.





The Emergency outage reduction project for ECG Operational Area is aimed to address power outages and consequential national security threats. The project has three (3) key sub-components, namely, a) Voltage Current and Time (VIT) Feeder Automation; b) Supervisory Control and Data Acquisition (SCADA) system for primary substations and c) Express 33kV feeders between Kpando and Hohoe Kadjebi and Hohoe. The VIT feeder automation is at 80% completion, while works done on the other two components are at 40% completion.

The Ministry of Energy has so far provided support in the form of engineering and consultancy services/electricity extension to 44no. Strategic industries across the country at a cost of GH¢11,447,571.23. Engineering assessments are ongoing for ten (10) more applications to determine the scope of works/support to be provided.

The Ministry of Energy has been supporting the grid extension to public health facilities by providing construction power to facilities including 250-bed Sewuah Hospital, Military Hospital at Afari, substation and interconnecting circuits at Komfo Anokye Teaching Hospital (KATH), Konongo Municipal Hospital, Kumawu District Hospital, Elubo Treatment Center and Tepa Municipal Hospital. Works have been completed under the KATH, Afari Military Hospital projects and Sewuah project.

Renewable and Alternative Energy Development Programme

The rehabilitation of the 5 pilot Mini grids in the islands of Pediatorkope in Ada Municipality, Aglakope in the Krachi West Municipality, Kudorkope in the Krachi East Municipality,



Atigagome, and Wayokope in the Sene East District, as well as the construction of three (3) new mini grids in Azizakpe, Aflive, and Alorkpem in the Ada Municipality have been completed and technically commissioned, and providing uninterrupted green electricity to over 20,000 people.

The Ghana Scaling-up Renewable Energy Program (SREP) is deploying 12,000 net-metered solar PV systems across homes, businesses, and public facilities, 35 mini grids as part of our last mile electrification efforts, 1,450 solar home systems for remote off-grid households and public facilities funded by \$85 million in grant financing from AfDB, CIF, SECO, and the Government of Ghana. Contract has been awarded this year for the construction of the 35 mini grids and supply of the 381 solar home systems for public facilities in off-grid communities in the Oti, Savannah and Bono East region.

The Ministry of Energy completed feasibility studies for 150 islands and lakeside communities in the Kwahu Afram Plains South and North Districts with funding support by UNOPS and USTDA for the Afram Plains Mini-Grid Project. The project is aimed to provide electricity to off grid communities within the Afram plains North and South district.

The Ministry has since 2013 been implementing the portable rechargeable Solar Lantern Distribution Programme as part of efforts to promote clean lighting sources in remote off-grid communities. As at 2024, a total of 210,732 units of solar lanterns have been distributed to remote off-grid rural household at subsidized prices. The Ministry will complete the procurement of 100,000 smart portable rechargeable solar lanterns this year for distribution to the target groups.

A total of 11,433 improved charcoal cookstoves have been locally manufactured and distributed in 2024 bringing the total number of cookstoves distributed since the inception of the project to 485,000. The objective is to increase access to clean cooking solutions. First Certified Emission Reduction (CER) completed and offsets achieved. Second CER covering 250,000 ICS ongoing.

A total of 2,485 smart all-in-one solar streetlights have been procured for installation in the Ashanti region to pilot smart solar streetlight under the streetlighting policy.

The phase 1 of the Government Goes Solar project covering 675kWp grid-tied solar PV out of a contracted 912KWp has been completed for the Jubilee House. The Ministry has secured funding from KfW to implement the project in Public Facilities including the Universities, Ministries Departments and Agencies and this august House in a bid to reduce the electricity bill burden on government and contribute to fiscal health of the energy sector. Feasibility studies have been completed for 32 earmarked public facilities (Universities, Ministries, Departments and Agencies) and procurement of the Management and Implementation Consultant (MIC) is ongoing.



Nuclear Power Programme

The Ghana Nuclear Power programme has reached Phase 2 of 3 in accordance with the International Atomic Energy Agency (IAEA) milestone approach. Acquisition of sites for the nuclear power plants is at 60% state of completion. The Ministry has received Cabinet approval to establish the National Owner/Operator company by Act of Parliament. Ministry is working with key partners to complete the Vendor acquisition process for first Nuclear Power Plant. As part of the sector development programme, the Ministry has secured a Grant financing of Euro1.3 million from AFD to fund grid network study for the first nuclear power plant and capacity building.

The Ministry developed the Ghana Energy Transition Framework, and it was launched at COP27 in Egypt to transition Ghana to a net-zero energy economy by 2070 in an equitable and just manner. This 40-year roadmap targets a future electricity demand of 380,000 GWh, supported by 83 GW of installed generation capacity, including 21 GW from renewables. The framework, costing US\$560 billion, seeks to deliver affordable electricity at a generation cost under 4.5 cents/kWh, with four key policy focuses: decarbonization, energy access and security, energy efficiency, and cross-cutting issues.

Power Sector Regulation

Energy Efficiency Promotion and Training for Consumers

The project aims to train officers of the Regional Coordinating Councils nationwide on energy efficiency and conservation measures. The following training activities were undertaken:

- A total of 682 Officials of the RCC which is 182 officials more than the targeted 500 officials were trained.
- Two TV appearances were done reaching an estimated audience of 100,000 (CACI TV).
- Over 450 officials were trained from 22 health facilities in Greater Accra, Western, Western North Volta and Eastern Regions.
- 27 personnel from Nsawam prisons were trained and workshop satisfaction ratings of 92.7% was achieved.
- 1,397 students and staff have been trained in 11 Senior High Schools. Regions covered were Eastern, Volta, Northern and Savannah making up 11 schools namely, Methodist Girls SHS, Koforidua Secondary Technical SHS, Sogakope SHS, Keta SHS, Ola Girls' SHS, Tolon SHS, Savelugu SHS, Ghana SHS, Bole SHS, Damango SHS and Buipe SHS.

Petroleum Sector Development and Management Programme

Petroleum Upstream

The cumulative oil production from the three (3) producing fields for the period January 2024 to December 2024 amounted to 48.24 Million barrels, translating into an average daily production of 132,164.47 barrels per day. Associated gas production for the period was 193,789.37 mmscf at an average daily rate of 530.93 mmscf/d. Non-associated gas production for the period was 86,651.73 mmscf at an average daily production rate of 273.40 mmscf/d. A total of 280,441.10 mmscf of gas was produced from the three producing fields for the period.



From the total gas produced for the period, 115,454.51 mmscf of gas was exported to the processing plant.

The cumulative oil production on the Jubilee field for the period January to December 2024 representing the annual production for the year under review amounted to 31.85 million barrels, translating into an average daily production of 87,257.66 barrels. Associated gas production for period was 85,385.23 MMscf at an average daily rate of 233.29 MMscf. Of the gas produced for the period, 32,797.68 MMscf was exported to the processing plant.

The cumulative oil production on the TEN field for the period January 2024 to December 2024 representing the annual production for the year under review amounted to 6.78 million barrels, translating into an average daily production of 18,587.51 barrels. Associated gas production for the period was 58,231.11 MMscf at an average daily rate of 159.54 MMscf. Of the gas produced for the period, 861.99 MMscf of gas was exported to the processing plant.

The cumulative oil production on the OCTP field for the period January 2024 to November 2024 representing the annual production for the year under review amounted to about 9.61 million barrels, translating into an average daily production of 26,319.30 barrels. Associated gas production for the period was 50,173.03 MMscf at an average daily rate of 137.46 MMscf. Non-associated gas production for the period was 86,651.73 MMscf at an average daily production rate of 237.40 MMscf. From the total gas produced for the period, 81,794.84 MMscf of gas was exported to the processing plant.

With regards to the Negotiation of Petroleum Agreements (PA), an agreement was signed with GNPC Explorco and Tristar Upstream Oil and Gas Ltd for Block GH_WB_01 in the offshore Tano Basin. It was approved by Cabinet but is yet to be submitted to Parliament for ratification. Four Exploration license agreements were also signed for blocks in the Voltaian Basin and the Onshore Tano Basin. These agreements were with GNPC Explorco (Block GH_VB_01), Menxons Limited (Block GH_VB_02 and GH_TB_01) and Bay Veritas Limited (Block GH_VB_03).

Following the ruling of the International Court of Arbitration on the Ministerial Directive for unitization of the Afina Discovery in the West Cape Three Points Block 2 contract area operated by Springfield and the Sankofa Field in the Offshore Cape Three Points contracted area operated by Eni, Springfield has appraised the Afina-1X discovery and the appraisal report is being evaluated by the Petroleum Commission.

Petroleum Downstream

16,000 LPG cookstoves with related accessories have been distributed across eleven (11) MMDAs under the National LPG Promotion Programme (NLPGPP) in 2024. In total, 38,000 cookstoves with related accessories have been distributed, since the launch of the National LPG Promotion Programme (NLPGPP) in 2022. The project is aimed at ensuring that at least 50% of Ghanaians have access to safe, clean, and environmentally friendly LPG for increased domestic, commercial, and industrial usage by 2030.





The Front-End Engineering Design (FEED) for the Tema Natural Gas Distribution Pipeline Network Project was 66.6% completed by the end of 2024. A single Engineering, Procurement, Construction, and Funding contract will be awarded for both the Tema City Gate and Pipeline Network after the FEED is completed. The FEED for the Tema Natural Gas Distribution Network is expected to be completed in 2025.

The PHDC entered a Memorandum of Understanding (MoU) with the TCP-UIC Consortium (an engineering, procurement and construction firm) to establish a mutual agreement towards the development of Phase 1 of the Petroleum Hub Project in Jomoro (Western Region, Ghana) on June 18, 2024. The first phase of the project is valued at US\$12 billion.



On August 19, 2024, a ground-breaking ceremony was held to commence the construction of Phase 1 of the Petroleum Hub Project. The infrastructure scope for Phase 1 includes a minimum of 300,000 barrels per stream day (bpsd) oil refining capacity, a petrochemical plant with a minimum of 90,000 bpsd processing capacity, a 3 million cubic meter storage capacity, and a jetty and port infrastructure.

The Ghana National Gas Company (GNGC) Limited has acquired ownership of the Ghana Cylinder Manufacturing Company (GCMC) Limited to revitalize GCMC's operations in manufacturing good quality LPG cylinders and cookstoves designed to meet the specific needs of the citizenry while supporting the goal of transitioning to a low-carbon economy.

The Ministry has submitted a memorandum to cabinet to consider a second Mooring System at Tema. This is to ensure supply security, reduce congestion at the existing mooring system and ensure uninterrupted supply of petroleum products.

Petroleum Sector Regulation

An Onshore Petroleum Exploration and Production Policy for the upstream petroleum subsector was developed to plug the gaps in the National Energy Policy and the existing upstream legislation in relation to onshore petroleum activities and to establish a framework that attracts investments into Ghana's onshore sedimentary basins.

The Ministry, with the support of the National Petroleum Authority (NPA) has secured the amendment of sections 2, 12, 80 & 81 of the NPA Act 2005 (Act 691), particularly, to allow for the passage of the Petroleum Downstream (Ghanaian Content and Ghanaian Participation) Regulations to ensure maximum Ghanaian content and Ghanaian participation in the sector. Subsequently, the Regulations has been laid in Parliament for ratification.





2.6 Budget by Chart of Account

6.0- Programme, Sub-Programme and Natural Account Summary

Entity: 018 - Ministry of Energy and Green Transition

Funding: All Source of Funding

Year: 2025 | **Currency:** Ghana Cedi (GHS)

Full Year Budget

	2025	2026	2027	2028
Programmes - Ministry of Energy and Green Transition	1,280,905,335	1,084,487,673	1,084,487,673	1,084,487,673
01801 - Management and Administration	295,889,154	99,370,962	99,370,962	99,370,962
01801001 - GENERAL ADMINISTRATION And FINANCE	283,843,566	86,336,367	86,336,367	86,336,367
21 - Compensation of Employees [GFS]	40,569,856	6,963,553	6,963,553	6,963,553
22 - Use of Goods and Services	42,297,526	14,672,814	14,672,814	14,672,814
28 - Other Expense	850,000	850,000	850,000	850,000
31 - Non financial assets	200,126,183	63,850,000	63,850,000	63,850,000
01801002 - Human Resource	5,268,850	6,086,204	6,086,204	6,086,204
21 - Compensation of Employees [GFS]	3,678,849	4,496,204	4,496,204	4,496,204
22 - Use of Goods and Services	1,590,000	1,590,000	1,590,000	1,590,000
01801003 - Policy Planning,Budgeting, Monitoring And Evalua	3,661,366	3,752,729	3,752,729	3,752,729
21 - Compensation of Employees [GFS]	901,366	992,729	992,729	992,729
22 - Use of Goods and Services	2,760,000	2,760,000	2,760,000	2,760,000
01801004 - Research, Statistics Information And Public Relati	3,115,373	3,195,662	3,195,662	3,195,662
21 - Compensation of Employees [GFS]	825,373	905,662	905,662	905,662
22 - Use of Goods and Services	2,290,000	2,290,000	2,290,000	2,290,000
01802 - Power Generation, Transmission And Distribution	220,963,832	221,056,802	221,056,802	221,056,802
01802001 - Power Generation and Transmission	134,380,048	134,383,828	134,383,828	134,383,828
21 - Compensation of Employees [GFS]	42,413,348	42,417,128	42,417,128	42,417,128
22 - Use of Goods and Services	22,892,586	22,892,586	22,892,586	22,892,586
31 - Non financial assets	69,074,113	69,074,113	69,074,113	69,074,113
01802002 - Power Distribution	86,583,784	86,672,974	86,672,974	86,672,974
21 - Compensation of Employees [GFS]	1,061,784	1,150,974	1,150,974	1,150,974
22 - Use of Goods and Services	1,272,000	1,272,000	1,272,000	1,272,000
31 - Non financial assets	84,250,000	84,250,000	84,250,000	84,250,000
01803 - Petroleum Development	9,431,245	9,431,245	9,431,245	9,431,245



2.6 Budget by Chart of Account

6.0- Programme, Sub-Programme and Natural Account Summary

Entity: 018 - Ministry of Energy and Green Transition

Funding: All Source of Funding

Year: 2025 | **Currency:** Ghana Cedi (GHS)

Full Year Budget

	2025	2026	2027	2028
01803001 - Upstream	1,291,324	1,291,324	1,291,324	1,291,324
21 - Compensation of Employees [GFS]	467,824	467,824	467,824	467,824
22 - Use of Goods and Services	823,500	823,500	823,500	823,500
01803002 - Downstream	7,899,581	7,899,581	7,899,581	7,899,581
21 - Compensation of Employees [GFS]	504,435	504,435	504,435	504,435
22 - Use of Goods and Services	6,495,146	6,495,146	6,495,146	6,495,146
31 - Non financial assets	900,000	900,000	900,000	900,000
01803003 - Health, Security, Safety and Environment	240,340	240,340	240,340	240,340
21 - Compensation of Employees [GFS]	57,340	57,340	57,340	57,340
22 - Use of Goods and Services	183,000	183,000	183,000	183,000
01804 - Renewable Energy Development	332,949,217	332,956,777	332,956,777	332,956,777
01804001 - Renewable Energy	326,949,217	326,956,777	326,956,777	326,956,777
21 - Compensation of Employees [GFS]	435,271	442,831	442,831	442,831
22 - Use of Goods and Services	954,000	954,000	954,000	954,000
31 - Non financial assets	325,559,946	325,559,946	325,559,946	325,559,946
01804002 - Alternative Energy	6,000,000	6,000,000	6,000,000	6,000,000
22 - Use of Goods and Services	3,000,000	3,000,000	3,000,000	3,000,000
31 - Non financial assets	3,000,000	3,000,000	3,000,000	3,000,000
01805 - Energy Sector Regulation	421,671,887	421,671,887	421,671,887	421,671,887
01805002 - Petroleum Sector Regulation	421,671,887	421,671,887	421,671,887	421,671,887
21 - Compensation of Employees [GFS]	227,269,021	227,269,021	227,269,021	227,269,021
22 - Use of Goods and Services	95,086,556	95,086,556	95,086,556	95,086,556
28 - Other Expense	8,921,027	8,921,027	8,921,027	8,921,027
31 - Non financial assets	90,395,283	90,395,283	90,395,283	90,395,283

PART B: BUDGET PROGRAMME/SUB-PROGRAMME

SUMMARY

PROGRAMME 1: MANAGEMENT AND ADMINISTRATION

1. Budget Programme Objectives

- To formulate policies for the Energy Sector of the country
- To coordinate and monitor the activities of Energy Sector Agencies in the implementation of Energy policies.
- To oversee the effective implementation of sector policies, programmes and projects
- To develop and strengthen institutional and human resource capacity in the Sector
- To provide institutional support for the administration of government business in the Energy sector

2. Budget Programme Description

The Management and Administration programme coordinates the activities of the Ministry of Energy. The programme seeks to

- Ensure timely availability of support services as well as financial and material resources to facilitate the technical and operational activities of the Ministry.
- Facilitate the recruitment, development, motivation and management of manpower for effective and efficient service delivery towards the realization of the Energy Sector vision and mission.
- Facilitate the preparation of strategic and corporate plans for the sector, defining sector targets and performance indicators. It also monitors and evaluates the implementation of all sector programmes and projects for the achievement of sectoral goals.

The programme has four sub programmes and delivered by five Directorates: General Administration and Finance; Human Resource Development and Management; Policy Planning, Budgeting, Monitoring and Evaluation; and Research, Statistics, Information and Public Relations.





2.6 Budget by Chart of Account

6.0- Programme, Sub-Programme and Natural Account Summary

Entity: 018 - Ministry of Energy and Green Transition

Funding: All Source of Funding

Year: 2025 | **Currency:** Ghana Cedi (GHS)

Full Year Budget

	2025	2026	2027	2028
01801 - Management and Administration	295,889,154	99,370,962	99,370,962	99,370,962
01801001 - GENERAL ADMINISTRATION And FINANCE	283,843,566	86,336,367	86,336,367	86,336,367
21 - Compensation of Employees [GFS]	40,569,856	6,963,553	6,963,553	6,963,553
22 - Use of Goods and Services	42,297,526	14,672,814	14,672,814	14,672,814
28 - Other Expense	850,000	850,000	850,000	850,000
31 - Non financial assets	200,126,183	63,850,000	63,850,000	63,850,000
01801002 - Human Resource	5,268,850	6,086,204	6,086,204	6,086,204
21 - Compensation of Employees [GFS]	3,678,849	4,496,204	4,496,204	4,496,204
22 - Use of Goods and Services	1,590,000	1,590,000	1,590,000	1,590,000
01801003 - Policy Planning,Budgeting, Monitoring And Evalua	3,661,366	3,752,729	3,752,729	3,752,729
21 - Compensation of Employees [GFS]	901,366	992,729	992,729	992,729
22 - Use of Goods and Services	2,760,000	2,760,000	2,760,000	2,760,000
01801004 - Research, Statistics Information And Public Relati	3,115,373	3,195,662	3,195,662	3,195,662
21 - Compensation of Employees [GFS]	825,373	905,662	905,662	905,662
22 - Use of Goods and Services	2,290,000	2,290,000	2,290,000	2,290,000

BUDGET SUB PROGRAMME SUMMARY

PROGRAMME 1: MANAGEMENT AND ADMINISTRATION

SUB-PROGRAMME 1.1: General Administration and Finance

1. Budget Sub-Programme Objectives

- To ensure efficient performance of the sector in achieving its objective
- To provide administrative and other functional support through the availability of services and necessary facilities to the sector
- To ensure efficient system for monitoring and evaluation of the progress of programmes and procurement with the view of eliminating waste and unearthing irregularities
- To safeguard the interest of the sector in all financial transactions relating to its budget, revenue and expenditure

2. Budget Sub-Programme Description

The General Administration is responsible for the effective functioning of the Ministry by ensuring timely availability of support services to facilitate the technical and operational activities of the Ministry.

The Finance Directorate ensures proper financial management and adherence to financial regulations in the operations of the Ministry. It advises and secures the interest of the Ministry in all financial transactions. It applies international accounting principles and standards, the PFM Act/regulations and general public best practices in the management of the financial resources of the Ministry.

The Internal Audit Unit improves organizational (the Ministry's) effectiveness and adds value to the operations/activities of the Ministry. These are done by;

- Identifying and control weakness in the Ministry's operational systems,
- Evaluating its approach to mitigating/managing risks and
- Assessment of the governance structures in place

The Internal Audit Unit performs the following functions in the Ministry

- Cash Management Audit
- Fuel Audit
- Fixed Asset Audit
- Monitoring of Ministry's projects across the country
- Reconciling accounts with agencies
- Stores Audit
- Payroll Audit



- And any other Special assignment that may be assigned by Management from time to time

The Internal Audit Unit submits reports on every assignment it undertakes, of which copies are submitted to Management and the Internal Audit Agency.

General Administration has the following units under its jurisdiction, namely, Estate, Procurement and Stores, Transport, Protocol, General Registry and Legal. The Finance Directorate has Treasury, Accounts and Resource Mobilisation Units under its jurisdiction.

The Sub-programme is currently supported by Eighty-Eight (88) Civil Servants. The Directorate's programmes are funded through Government of Ghana subvention.

KEY CHALLENGES OF THE SUB-PROGRAMME

Challenges encountered by the sub programme in undertaking its programmes include:

- Untimely release of funds to undertake programmes
- Inadequate office accommodation
- Inadequate staff
- Delay in meeting programme execution timelines due to technical challenges.

3. Budget Sub-Programme Results Statement

The Table below shows the main outputs, indicators, targets and actual performance of the Ministry of Energy for 2023-2024 as well as projections for 2025– 2028.

Main Outputs	Output Indicator	Past Years				Projections			
		2023		2024		Budget Year 2025	Indicative Year 2026	Indicative Year 2027	Indicative Year 2028
		Target	Actual	Target	Actual				
Improve internal administration	Number of Minutes of Management Meetings	12	9	12	11	12	12	12	12
Annual Procurement Plan	Number of procurement plans	1	1	1	1	1	1	1	1
Audit Committee Reports	Number of reports generated	4	3	4	4	4	4	4	4
Entity Tender Committee (ETC)	Number of ETC minutes approved	4	3	4	4	4	4	4	4



Main Outputs	Output Indicator	Past Years				Projections			
		2023		2024		Budget Year 2025	Indicative Year 2026	Indicative Year 2027	Indicative Year 2028
		Target	Actual	Target	Actual				
review Meeting									
Ministerial Advisory Board Reports	Number of reports generated	4	2	4	4	4	4	4	4

4. Budget Sub-Programme Operations and Projects

The table lists the main Operations and Projects to be undertaken by the sub-programme

Operations	Projects
Internal Management of the Organisation <ul style="list-style-type: none"> • Payment of Utilities • Payment of Cleaning Materials • Travel and Transport • Payment of Special Services • Payment of General Expenses 	Acquisition of Immovable and Movable Assets <ul style="list-style-type: none"> • Procurement of Assets and office equipment
Procurement of Office Supplies and Consumables <ul style="list-style-type: none"> • Payment of Materials and Office Consumables 	
Information, Education and Communication <ul style="list-style-type: none"> • Seminars and Conference Cost 	
Maintenance, Rehabilitation, Refurbishment and Upgrade of existing Assets <ul style="list-style-type: none"> • Payment for Repairs and Maintenance 	





2.8. Budget by Chart of Account

8 - Sub-Programme and Natural Account

Entity: 018 - Ministry of Energy and Green Transition

Funding: All Source of Funding

Year: 2025 | **Currency:** Ghana Cedi (GHS)

Full Year Budget

	2025	2026	2027	2028
01801001 - GENERAL ADMINISTRATION And FINANCE	283,843,566	86,336,367	86,336,367	86,336,367
21 - Compensation of Employees [GFS]	40,569,856	6,963,553	6,963,553	6,963,553
22 - Use of Goods and Services	42,297,526	14,672,814	14,672,814	14,672,814
28 - Other Expense	850,000	850,000	850,000	850,000
31 - Non financial assets	200,126,183	63,850,000	63,850,000	63,850,000

BUDGET SUB PROGRAMME SUMMARY

PROGRAMME 1: MANAGEMENT AND ADMINISTRATION

SUB-PROGRAMME 1.2: Human Resource Development & Management

1. Budget Sub-Programme Objectives

- To ensure consistent and effective development and management of requisite Human Resource in terms of numbers, skills-mix and competencies for the execution of Sectoral goals (mandates).
- To introduce strategic mechanisms for planning and controlling human resource development and ensure smooth integration of new recruits, posted staff and national service personnel into the Ministry's work environment/culture.

2. Budget Sub-Programme Description

The Sub programme constitutes employees' development, motivation and the management of man-power for effective and efficient service delivery towards the realization of the Energy Sector vision and mission.

The major services delivered by the sub programme are to:

- Coordinate staff recruitment and replacement processes
- Provide guidance in determining training needs of all categories of staff
- Coordinate and collate training and manpower development budgets for allocation of funds for implementation
- Coordinate staff performance appraisal management
- Initiate Human Resource Management policy guidelines
- Periodically review roles, regulations and procedures relating to training
- Institute measures to provide inter-linkage between sectoral plans and those of implementing agencies relating to manpower development to ensure the optimum utilization of personnel within the sector
- Facilitate periodic management and organizational reviews, job inspections and job descriptions, schemes of service and maintenance of career progression plans of the sector
- Facilitate the determination (review) of appropriate sectoral manpower/establishment levels consistent with overall operational requirements of the sector.
- Assist in the formulation and institution of welfare and safety policies in compliance with the labour laws

The Sub programme is delivered by the Human Resource Development and Management Directorate.



The Directorate has a total of Twelve (12) civil servants who are in charge of delivering the above job functions.

The programmes are carried out in collaboration with various Directorates of the Ministry and the beneficiaries are the entire work force of the Ministry in particular and the clients of the Energy Sector in general. The Directorate's programmes are funded through Government of Ghana and Donor support.

Key Issues/Challenges for the Programme

Key challenges which the Directorate encounters in the delivery of its core functions include but not limited to the following:

- Delays on the part of supervisors and appraisees to complete and submit performance appraisal reports
- Inadequate cooperation from other directorates in providing vital data for execution of functions
- Inadequate and delays in the release of funds

3. Budget Sub-Programme Results Statement

The Table below shows the main outputs, indicators, targets and actual performance of the Ministry for 2023 to 2024 and forecast of future performance for 2025 – 2028.

Main Outputs	Output Indicator	Past Years				Projections			
		2023		2024		Budget Year 2025	Indicative Year 2026	Indicative Year 2027	Indicative Year 2028
		Target	Actual	Target	Actual				
Staff trained, resourced and motivated	Number of personnel trained	155	125	155	158	136	140	142	146
Performance of staff appraised	Number of officers appraised	155	165	155	159	155	160	165	170
Improved Staff Welfare	Number of welfare programmes organized	4	4	4	5	5	5	6	6



4. Budget Sub-Programme Operations and Projects

The table lists the main operations to be undertaken by the sub-programme

Operations		Projects
Placement and Promotions expenses Facilitate Promotion processes Conduct Orientation / Induction of new Staff		
Personnel and Staff Management Collation and Evaluation of staff performance Appraisal forms Development of HRM Policy and Guidelines Review of Work Programme and Performance Organize Staff Welfare and Safety Programme Update of Organizational Manual		
Manpower Skill Development Staff trained and resourced		





2.8. Budget by Chart of Account

8 - Sub-Programme and Natural Account

Entity: 018 - Ministry of Energy and Green Transition

Funding: All Source of Funding

Year: 2025 | **Currency:** Ghana Cedi (GHS)

Full Year Budget

	2025	2026	2027	2028
01801002 - Human Resource	5,268,850	6,086,204	6,086,204	6,086,204
21 - Compensation of Employees [GFS]	3,678,849	4,496,204	4,496,204	4,496,204
22 - Use of Goods and Services	1,590,000	1,590,000	1,590,000	1,590,000

BUDGET SUB PROGRAMME SUMMARY

PROGRAMME 1: MANAGEMENT AND ADMINISTRATION

SUB-PROGRAMME 1.3: Policy Planning, Budgeting, Monitoring and Evaluation (PPBME)

1. Budget Sub-Programme Objective

- To ensure effective policy planning, budgeting, monitoring and evaluation of Energy sector activities.
- To cater for the design and application of monitoring and evaluation systems for purposes of assessing the operational effectiveness of the ministry's strategies and interventions.

2. Budget Sub-Programme Description

This sub-programme, is handled by the Policy Planning, Budgeting Monitoring and Evaluation Directorate (PPBMED); They

- Spearhead and facilitate the preparation of strategic and corporate plans for the sector, defining sector targets and performance indicators.
- Translate programmes into financial costing and budgeting.
- Ensure that sector projects and programmes are in line with national development agenda.
- Monitor and prepare reports on the implementation of all sector programmes and projects for the achievement of sectoral goals.

The Directorate has a total of thirteen (13) civil servants who are in charge of delivering the above job functions. The programmes are carried out in collaboration with various Directorates/Agencies of the Ministry. The Directorate's programmes are funded by the Government of Ghana.

Key Challenges of the sub-programme

Key challenges which the Directorate encounters in the delivery of its core functions include but not limited to the following:

- Difficulties in obtaining data on performance especially from Sector Agencies
- Delays in getting inputs from Directorates and Units for the preparation of plans and reports.
- Directorate/Units and Agencies not adhering to approved templates for reporting.



3. Budget Sub-Programme Results Statement

The table indicates the main outputs, indicators and projections by which the Ministry measures the performance of this sub-programme. The past data indicates actual performance whilst the projections are the Ministry's estimate of future performance.

Main Outputs	Output Indicator	Past Years				Projections			
		2023		2024		Budget Year 2025	Indicative Year 2026	Indicative Year 2027	Indicative Year 2028
		Target	Actual	Target	Actual				
Annual Work Programme	Report	3rd February	17 th April	3rd February	7 th March	3rd February	3rd February	3rd February	3rd February
Annual Performance Report	Report	13th January	12 th January	13th January	11th January	15th January	15th January	15th January	15th January
Quarterly performance report prepared	Number of reports prepared	4	4	4	4	4	4	4	4
Medium Term Budget Expenditure Framework prepared	The Medium-Term Budget Expenditure Framework	1	1	1	1	1	1	1	1
Quarterly Budget performance report prepared	Report	4	4	4	4	4	4	4	4
Reports On Monitoring Of Projects Prepared	Number Of Reports	8	0	8	5	8	8	8	8



4. Budget Sub-Programme Operations and Projects

The table lists the main operations to be undertaken by the sub-programme

Operations		Projects
Manpower Skills Development <ul style="list-style-type: none"> • Staff trained and resourced 		
Policies and Programme Review Activities <ul style="list-style-type: none"> • Preparation of Annual Performance Report • Mid-Year Review of Sector Performance • Review of projects being implemented 		
Management and Monitoring Policies, Programmes and Projects <ul style="list-style-type: none"> • Preparation of Work Programme & Quarterly Reports • Projects monitored and evaluated 		





2.8. Budget by Chart of Account

8 - Sub-Programme and Natural Account

Entity: 018 - Ministry of Energy and Green Transition

Funding: All Source of Funding

Year: 2025 | **Currency:** Ghana Cedi (GHS)

Full Year Budget

	2025	2026	2027	2028
01801003 - Policy Planning,Budgeting, Monitoring And	3,661,366	3,752,729	3,752,729	3,752,729
21 - Compensation of Employees [GFS]	901,366	992,729	992,729	992,729
22 - Use of Goods and Services	2,760,000	2,760,000	2,760,000	2,760,000

BUDGET SUB PROGRAMME SUMMARY

PROGRAMME 1: MANAGEMENT AND ADMINISTRATION

SUB-PROGRAMME 1.4: Statistics, Research, Information and Public Relations

1. Budget Sub-Programme Objectives

- To conduct research into policy and strategy options.
- To compile and analyze data for the Ministry in particular and Government as a whole.
- To create and maintain a data bank for effective and efficient decision making.
- To project the good image of the sector both within and outside the country by disseminating information on the Ministry's policies, activities and procedures.
- To provide a mechanism for receiving feedback on government's policies and activities.

2. Budget Sub-Programme Description

The Sub-programme serves as the main information and publications point of all the other Directorates in the sector.

It conducts research and seeks for information and data to aid decision-making relevant to the achievement of the sectorial objectives and goals.

It facilitates actions on the Ministry's policies and programmes through commissioning of projects, press releases, press conferences, briefings, workshops, seminars, meetings etc.

The activities of the sub programme are mostly funded by the Government of Ghana, and this comprises the activities of the Communication unit and Research, Statistics and Information Management Directorate.

In all, the Directorate has thirteen (13) civil servants. The Directorate is often not able to deliver its mandate effectively due to the following factors:

- Inadequate budgetary allocation
- Inadequate staff
- Inadequate Staff Capacity, especially in data collection and analysis



3. Budget Sub-Programme Results Statement

The Table below shows the main outputs, indicators, targets and actual performance of the Ministry for 2023 to 2024 and forecast of future performance for 2025 – 2028.

Main Outputs	Output Indicator	Past Years				Projections			
		2023		2024		Budget Year 2025	Indicative Year 2026	Indicative Year 2027	Indicative Year 2028
		Target	Actual	Target	Actual				
Compilation of statistical data for analysis and dissemination	Number of research activities undertaken	4	3	3	3	3	3	3	3
RTI Implementation (Requests)	Number of requests received	15	4	0	0	20	12	12	12
Media Appearance/News Portal	Number of Media engagement	12	12	50	7	12	12	12	12
ICT Maintenance Management	Number of Maintenance to be conducted	4	1	4	1	4	4	4	4

4. Budget Sub-Programme Operations and Projects

The table lists the main Operations to be undertaken by the sub-programme

Operations	Projects
Research and Development	Impact assessment on CRM, NLPGPP and NES projects
Upgrade and maintenance of ICT Infrastructure	Maintenance of ICT Equipment
RTI Implementation	No. of request received and processed
Energy update (Annual Magazine) Meet the press	Website updates
Media Monitoring	Print and Electronic media monitoring for Energy Sector News
IT Training	Training of Staff on IT threats and defense management





2.8. Budget by Chart of Account

8 - Sub-Programme and Natural Account

Entity: 018 - Ministry of Energy and Green Transition

Funding: All Source of Funding

Year: 2025 | **Currency:** Ghana Cedi (GHS)

Full Year Budget

	2025	2026	2027	2028
01801004 - Research, Statistics Information And Public	3,115,373	3,195,662	3,195,662	3,195,662
21 - Compensation of Employees [GFS]	825,373	905,662	905,662	905,662
22 - Use of Goods and Services	2,290,000	2,290,000	2,290,000	2,290,000

BUDGET PROGRAMME SUMMARY

PROGRAMME 2: POWER SECTOR DEVELOPMENT AND MANAGEMENT

1. Budget Programme Objectives

- To ensure adequate and reliable power supply
- To increase access to electricity
- To restore financial health in the Power sector

2. Budget Programme Description

The activities of electricity generation, transmission and distribution of Power in Ghana are handled by separate jurisdictions and entities. Electricity generation is carried out by the state-owned Volta River Authority and Independent Power Producers (IPPs).

The National Interconnected Transmission System (NITS) for electricity is owned and operated by the Ghana Grid Company Limited (GRIDCO), which is also state-owned.

The Energy Commission (EC) and the Public Utility Regulatory Commission (PURC) are the regulators of the power sub-sector. The EC is responsible for Technical Regulation whilst the PURC controls the economic component and sets tariffs for the subsector. The Ministry is responsible for formulating policies to ensure the reliable supply of affordable energy services to meet national demand. The policy responses will be:

- Increase generation capacity
- Reinforce and add capacity at the transmission and distribution levels
- Strengthen the regulatory environment

The various objectives have been set in consultation with the various stakeholders in order to ensure the reliable supply of affordable energy services

- Achieve gas-based generation for at least 50% of thermal power plant
- Improve and modernise electricity distribution infrastructure to reduce system losses
- Develop a non-congested electricity transmission network
- Strengthen Regulatory Agencies to perform their functions effectively

The Ministry will be formulating policies to address the issue of inadequate access to electricity. The policy responses will

- Increase the momentum of the National Electrification Scheme (NES) to provide access to electricity progressively to all communities
- Upgrade and reinforce transmission and distribution network capacity
- Open up the sub-sector to private sector participation in power distribution and sale





2.6 Budget by Chart of Account

6.0- Programme, Sub-Programme and Natural Account Summary

Entity: 018 - Ministry of Energy and Green Transition

Funding: All Source of Funding

Year: 2025 | **Currency:** Ghana Cedi (GHS)

Full Year Budget

	2025	2026	2027	2028
01802 - Power Generation, Transmission And Distribution	220,963,832	221,056,802	221,056,802	221,056,802
01802001 - Power Generation and Transmission	134,380,048	134,383,828	134,383,828	134,383,828
21 - Compensation of Employees [GFS]	42,413,348	42,417,128	42,417,128	42,417,128
22 - Use of Goods and Services	22,892,586	22,892,586	22,892,586	22,892,586
31 - Non financial assets	69,074,113	69,074,113	69,074,113	69,074,113
01802002 - Power Distribution	86,583,784	86,672,974	86,672,974	86,672,974
21 - Compensation of Employees [GFS]	1,061,784	1,150,974	1,150,974	1,150,974
22 - Use of Goods and Services	1,272,000	1,272,000	1,272,000	1,272,000
31 - Non financial assets	84,250,000	84,250,000	84,250,000	84,250,000

BUDGET SUB-PROGRAMME SUMMARY

PROGRAMME 2: POWER SECTOR DEVELOPMENT AND MANAGEMENT

SUB-PROGRAMME 2.1: Generation and Transmission

1. Budget Sub-Program Objectives

- To ensure adequate and reliable power supply
- To restore financial health of VRA

2. Budget Sub-Program Description

The generation and transmission sub-sectors monitor and evaluate policies formulated by the Ministry to ensure that programmes and projects are implemented within set targets.

The Directorate has a staff strength of three (3). Funding of programmes is by the Government of Ghana (GoG) and Donor Partners.

Key challenges

- Inadequate funds for the effective execution of projects
- Inadequate staff
- Delays in payment of compensation to secure Right of Way (ROW) for projects.



3. Budget Sub-Programme Results Statement

The following output indicators are the means by which the Ministry measures the performance of this programme. The Table below shows the main outputs, indicators, targets and actual performance of the Ministry for 2023 to 2024 and forecast of future performance for 2025 – 2028.

Main Output	Output Indicator	Past Years				Projections			
		2023		2024		Budget Year 2025	Indicative Year 2026	Indicative Year 2027	Indicative Year 2028
		Target	Actual	Target	Actual				
Replacement of T3 Gas Turbines	Contract for supply and installation of new turbines	EPC contract for the repowering project between VRA and an EPC Contractor signed	Process to procure EPC contractor ongoing Contract is expected to be awarded by end Q3 2023	Efforts are being made to repower the 132MW Takoradi Thermal Plant (T3). Currently, the Engineering, Procurement and Construction(EPC) contract has been signed for repowering the 132MW Takoradi(T3) thermal Power Plants.	Six (6) EPC Contractor have been shortlisted for consideration to execute the project.	Procurement of a contractor and obtain approvals to repower the 132 MW Takoradi (T3) thermal power plant.	Commence the repowering of the plant	Complete the repowering of the Plant	Complete the repowering of the Plant
Relocation of the Ameri Plant to	Improved sustained power supply to Ashanti	Ameri Plant in Kumasi commission	6 Units of the Ameri Plant have been transferred	Commission the Ameri	All the ten Units of the Ameri	Commission Phase II of the ATPP	-	-	-



Main Output	Output Indicator	Past Years				Projections			
		2023		2024		Budget Year 2025	Indicative Year 2026	Indicative Year 2027	Indicative Year 2028
		Target	Actual	Target	Actual				
Anwomaso in Kumasi	and NEDCo Areas	oned.	d to Anwomaso in Kumasi Installation works of the units have commenced and expected to be commissioned before the end of 2023	Plant in Kumasi	Plants have been relocated to Kumasi. Six (6) units with the total capacity of 150MW are currently in operation. The last four units have been relocated to Anwomaso and are yet to be commissioned	by end of June, 2025 to generate additional 100MW			
KFW – 330kV Accra – Kumasi transmission line	Consultants/TA procured for the ESIA, RAP and implementation of the project	Complete Tender documents for the transmission project	Separate agreement has been signed, Legal opinion has been provided by AG	KFW-330kV Accra – Kumasi transmission line	The contract for the Environmental Consultanthas been awarded, and the Consultant is currently preparing the inception report.	Commence the construction of the kfw project	Continue construction of the Kfw project	Complete and commissioned the project	Obtain completion report



Main Output	Output Indicator	Past Years				Projections			
		2023		2024		Budget Year 2025	Indicative Year 2026	Indicative Year 2027	Indicative Year 2028
		Target	Actual	Target	Actual				
400MW Early Power Project	% of works completed	The 400MW Early Power Project Completed	Phase I construction is completed	Complete the Phase 1B (200MW) of the 400MW Early Power Project	The 200MW EP Project has achieved COD and has been commissioned successfully.	-	-	-	-

4. Budget Programme Operations and Projects

The table lists the main Operations to be undertaken by the programme

Operations	Projects
Electric power generation and transmission Expansion of Generation Capacity Monitoring of projects Staff trained and resourced	





2.8. Budget by Chart of Account

8 - Sub-Programme and Natural Account

Entity: 018 - Ministry of Energy and Green Transition

Funding: All Source of Funding

Year: 2025 | **Currency:** Ghana Cedi (GHS)

Full Year Budget

	2025	2026	2027	2028
01802001 - Power Generation and Transmission	134,380,048	134,383,828	134,383,828	134,383,828
21 - Compensation of Employees [GFS]	42,413,348	42,417,128	42,417,128	42,417,128
22 - Use of Goods and Services	22,892,586	22,892,586	22,892,586	22,892,586
31 - Non financial assets	69,074,113	69,074,113	69,074,113	69,074,113

BUDGET SUB-PROGRAMME SUMMARY

PROGRAMME 2: POWER SECTOR DEVELOPMENT AND MANAGEMENT

SUB-PROGRAMME 2.2: Power Distribution

1. Budget Sub-Programme Objectives

- To increase access to electricity
- To restore financial health of NEDCo and ECG

2. Budget Sub-Programme Description

The distribution sub-sector monitors and evaluates policies formulated by the Ministry to ensure that programmes and projects are implemented within set targets.

The Directorate has seventeen (17) civil servants involved in the delivering of this sub-programme. Funding of programmes is by Government of Ghana (GOG) and Donor Support. Beneficiaries of programmes and projects carried out in the sub-sector cuts across the entire country.

Key Issues/Challenges

- Insufficient budgetary allocation
- Unavailability of key materials for the effective implementation of projects.
- Delays in clearing of materials owing to MoF new directives on Tax Exemption.
- Delays in processing contractor's payments.



3. Budget Sub-Programme Results Statement

The table indicates the main outputs, indicators and projections by which the Ministry measures the performance of this sub-programme. The past years data shows the actual performance over the years indicated and the projections are the Ministry's estimate of future performance.

Main Outputs	Output Indicator	Past Years				Projections			
		2023		2024					
		Target	Actual	Target	Actual	Budget Year 2025	Indicative Year 2026	Indicative Year 2027	Indicative Year 2028
Access to electricity increased by connecting communities to the national grid.	Number of communities connected to the national grid	400	207	400	276	400	400	400	400
Deployment of All-in-One solar street lighting in MMDA's across the country.	No. of solar streetlights deployed	Complete supply & installation of all-in-one solar streetlights covering 69.8km of road.	The scope of Work approved and Bill of Quantities and Contract addendum prepared Inspection of materials conducted and detailed	Installation of All-in-One solar street lighting on 69.8km completed	900 streetlights fully installed. Additional 1000bmounted awaiting light installation	Begin the installation of 2,485 all-in one solar streetlight	Continue installation for all-in-one solar streetlight	Continue installation for all-in-one solar streetlight	Continue installation for all-in-one solar streetlight



4. Budget Sub-Programme Operations and Projects

The table lists the main Operations and projects to be undertaken by the sub-programme

Operations	Projects
Electric power distribution Monitoring of projects Staff trained and resourced Procurement of Electrical Networks	National Electrification Programme SHEP Programme Street lightening Programme Litigation





2.8. Budget by Chart of Account

8 - Sub-Programme and Natural Account

Entity: 018 - Ministry of Energy and Green Transition

Funding: All Source of Funding

Year: 2025 | **Currency:** Ghana Cedi (GHS)

Full Year Budget

	2025	2026	2027	2028
01802002 - Power Distribution	86,583,784	86,672,974	86,672,974	86,672,974
21 - Compensation of Employees [GFS]	1,061,784	1,150,974	1,150,974	1,150,974
22 - Use of Goods and Services	1,272,000	1,272,000	1,272,000	1,272,000
31 - Non financial assets	84,250,000	84,250,000	84,250,000	84,250,000

BUDGET PROGRAMME SUMMARY

PROGRAMME 3: PETROLEUM SECTOR DEVELOPMENT

1. Budget Programme Objectives

- To formulate, monitor and evaluate the implementation of policies relating to the petroleum sub-sector.
- To maximize the benefits of petroleum activities and resources to Ghanaians.
- To ensure a well-managed and transparent regulatory environment for operations in the petroleum sub-sector.
- To promote and encourage private sector participation in the petroleum sub-sector.

2. Budget Programme Description

The Petroleum Directorate of the Ministry delivers this Programme with the following key services:

- Provides policy direction to the sector agencies within the petroleum sub sector and promotes the use of modern forms of energy such as LPG and natural gas.
- Undertakes monitoring and evaluation of policies and projects undertaken by its institutions.
- Establishes regimes and institutions to ensure effective regulation and management of petroleum resources in a safe and transparent manner.
- Undertakes programmes to develop the capacity of its staff and sector agencies to meet new challenges. It also encourages its staff and agencies to participate in both local and international networks and fora with the aim of promoting the country's resources and encourage private sector participation in the industry.

The programme is delivered in collaboration with other state-owned organizations such as; Tema Oil Refinery (TOR), National Petroleum Authority (NPA), Bulk Oil Storage and Transportation Company (BOST), Ghana Cylinder Manufacturing Company (GCMC), Ghana National Petroleum Corporation (GNPC), and Ghana National Gas Company (GNGC), Petroleum Hub Development Corporation and Petroleum Commission (PC).

This Programme is funded mainly from the Government of Ghana (GoG) with support from other Developmental Partners Fund.





2.6 Budget by Chart of Account

6.0- Programme, Sub-Programme and Natural Account Summary

Entity: 018 - Ministry of Energy and Green Transition

Funding: All Source of Funding

Year: 2025 | **Currency:** Ghana Cedi (GHS)

Full Year Budget

	2025	2026	2027	2028
01803 - Petroleum Development	9,431,245	9,431,245	9,431,245	9,431,245
01803001 - Upstream	1,291,324	1,291,324	1,291,324	1,291,324
21 - Compensation of Employees [GFS]	467,824	467,824	467,824	467,824
22 - Use of Goods and Services	823,500	823,500	823,500	823,500
01803002 - Downstream	7,899,581	7,899,581	7,899,581	7,899,581
21 - Compensation of Employees [GFS]	504,435	504,435	504,435	504,435
22 - Use of Goods and Services	6,495,146	6,495,146	6,495,146	6,495,146
31 - Non financial assets	900,000	900,000	900,000	900,000
01803003 - Health, Security, Safety and Environment	240,340	240,340	240,340	240,340
21 - Compensation of Employees [GFS]	57,340	57,340	57,340	57,340
22 - Use of Goods and Services	183,000	183,000	183,000	183,000

BUDGET SUB-PROGRAMME SUMMARY

PROGRAMME 3: PETROLEUM SECTOR DEVELOPMENT

SUB PROGRAMME 3.1 Upstream Development

1. Budget Sub-Programme Objectives

- To formulate, monitor and evaluate policies relating to Upstream development
- To develop policies to promote and encourage private sector participation in the Upstream development

2. Budget Sub-Programme Description

This sub programme is delivered by the Petroleum Upstream Directorate and it ensures the availability of technical expertise and guidance in all processes in the development of policies, plans, regulations, standards, programmes and projects for the Petroleum Upstream sub-sector of the Ministry.

The Directorate performs the following functions:

- Develops and reviews the broad policies for the petroleum upstream sub-sector of the Ministry.
- Designs and develops petroleum management and investment mechanisms, systems, plans, strategies, standards and regulations to manage oil and gas revenues transparently and ensures equity
- Encourage investments along the oil and gas industry value chain
- Create new strategic options and generate National competitive advantage.

The Directorate has nine (9) civil servants delivering the above job functions. Funding is mainly from the Government of Ghana (GoG) with support from other Developmental Partners Fund.



3. Budget Sub-Programme Results Statement

The Table below shows the main outputs, indicators, targets and actual performance of the Ministry for 2023 to 2024 and forecast of future performance for 2025 – 2028.

Main Outputs	Output Indicator	Past Years				Projections			
		2023		2024		Budget Year 2025	Indicative Year 2026	Indicative Year 2027	Indicative Year 2028
		Target	Actual	Target	Actual				
Negotiate Petroleum Agreement	Ghana Negotiation Team (GNT) Reports	Negotiate, sign and submit at least one (1) petroleum agreement to Parliament for ratification	The Ghana Negotiation Team (GNT) continued negotiations with two companies in respect of two potential Petroleum Agreements	Negotiate Petroleum Agreements	Four (4) exploration license agreements were signed within the period under review. Three (3) of the agreements were with GNPC Explorco (Block GH_VB_01), Menxons Limited (Block GH_VB_02) and Bay Veritas Limited.	Negotiate and facilitate the signing of at least 2 PAs Submit at least 1 petroleum agreement to Parliament for Ratification	Negotiate and facilitate the signing of at least 2 PAs	Negotiate and facilitate the signing of at least 2 PAs	Negotiate and facilitate the signing of at least 2 PAs
Petroleum Agreements Ratified	Ratified Petroleum Agreements								
Jubilee + Greater Jubilee production increased	Annual volume of oil produced	31.07 MMbbls	30.44 MMbbls	35.95 MMbbls	31.85 MMbbls	43.05Bcf (117.95 MMscfd)	44.97 Bcf (123.23 MMscfd)	43.32 Bcf (118.71 MMscfd)	45.32 Bcf (124.17 MMscfd)
	Gas Export	35.17 Bcf	34.90 Bcf	41.83Bcf	32.85Bcf	9.3 MMbbls (25,716 bopd)	7.86 MMbbls (21,558 bopd)	6.3 MMbbls (17,348 bopd)	6.1 MMbbls (16,911 bopd)



Main Outputs	Output Indicator	Past Years				Projections			
		2023		2024					
		Target	Actual	Target	Actual	Budget Year 2025	Indicative Year 2026	Indicative Year 2027	Indicative Year 2028
TEN production s increased	Annual volume of oil produced	7.17 MMbbls	6.72 MMbbls	7.17 MMbbls	6.78 MMbbls	0.96 Bcf (2.6 MMscfd)	0.85 Bcf (2.3 MMscfd)	0.92 Bcf (2.5 MMscfd)	1.0 Bcf (2.7 MMscfd)
	Gas Export	8.07 Bcf	0.92 Bcf	8.10Bcf	0.86 Bcf	9.0 MMbbls (24,788 bopd)	8.72 MMbbls (23,905 bopd)	8.19 MMbbls (22,454 bopd)	7.75 MMbbls (21,242 bopd)
Sankofa- Gye- Nyame production increased	Annual volume of oil produced	10.25 MMbbls	11.08 MMbbls	9.32 MMbbls	9.6 MMbbls	73 Bcf (200 MMscfd)	73 Bcf (200 MMscfd)	73 Bcf (200 MMscfd)	73 Bcf (200 MMscfd)
	Gas Export	62.42 Bcf	69.29 Bcf	73.20Bcf	81.79 Bcf	43.05Bcf (117.95 MMscfd)	44.97 Bcf (123.23 MMscfd)	43.32 Bcf (118.71 MMscfd)	45.32 Bcf (124.17 MMscfd)

4. Budget Sub-programme Operations and Projects

The table lists the main Operations to be undertaken by the sub-programme.

Operations	Projects
<p>Monitor Energy System</p> <ul style="list-style-type: none"> Monitoring and evaluation of petroleum sector related projects/activities Performance monitoring of Jubilee, Ten and Sankofa-GyeNyame Fields. Monitor and evaluate block acquisitions <p>Gas Production related activities</p> <ul style="list-style-type: none"> Full Implementation of Gas Master Plan, evaluate Gas infrastructure and develop LNG infrastructure and fertilizer. 	





2.8. Budget by Chart of Account

8 - Sub-Programme and Natural Account

Entity: 018 - Ministry of Energy and Green Transition

Funding: All Source of Funding

Year: 2025 | **Currency:** Ghana Cedi (GHS)

Full Year Budget

	2025	2026	2027	2028
01803001 - Upstream	1,291,324	1,291,324	1,291,324	1,291,324
21 - Compensation of Employees [GFS]	467,824	467,824	467,824	467,824
22 - Use of Goods and Services	823,500	823,500	823,500	823,500

BUDGET SUB-PROGRAMME SUMMARY

PROGRAMME 3: PETROLEUM SECTOR DEVELOPMENT

SUB PROGRAMME 3.2: Downstream Development

1. Budget Sub-Programme Objectives

- To develop policies that promote and encourage private sector participation in the downstream sector
- To formulate, monitor and evaluate policies relating to Downstream development

2. Budget Sub-Programme Description

This Sub programme ensures the availability of technical expertise and guidance in all processes in the development of policies, plans, regulations, standards, programmes and projects for the petroleum downstream sub-sector of the Ministry.

The Petroleum Downstream Directorate delivers this sub-programme which is made up of three (3) Units and performs the following functions:

Refinery Unit

- Develops and reviews broad policies for the downstream sub-sector of the Ministry.
- Designs and develops petroleum products supply mechanisms, systems, plans, strategies, standards and regulations to ensure availability of petroleum products to all parts of the country and reduce heavy burden of oil imports on the country's economy by accelerating the exploration of indigenous hydrocarbon resources, create new strategic options and generate National competitive advantage

Petroleum Storage and Transportation Unit

- Develops and reviews the broad policies for the downstream sub-sector of the Ministry.
- Designs and develops petroleum distribution mechanisms, systems, plans, strategies, standards and regulations to ensure fair distribution of petroleum products to all parts of the country.

Distribution and Marketing Unit

- Develops and reviews the broad policies for the downstream sub-sector of the Ministry.
- Designs and develops petroleum downstream mechanisms, systems, plans, strategies, standards and regulations to rehabilitate, expand distribution and marketing infrastructure
- Create new strategic options and generate National competitive advantage.



The Directorate has eleven (11) civil servants. Funding is mainly from the Government of Ghana (GoG) with support from other Developmental Partners Fund.

3. Budget Sub-programme Results Statement

The table indicates the main outputs, indicators and projections by which the Ministry measures the performance of this sub-programme. The past data indicates actual performance and the projections are the Ministry's estimate of future performance.

Main Outputs	Output Indicator	Past Years				Projections			
		2023		2024					
		Target	Actual	Target	Actual	Budget Year 2025	Indicative Year 2026	Indicative Year 2027	Indicative Year 2028
LPG Stoves	Number of Cook stoves distributed	10,000 procured domestic cookstoves distributed across the Country	4,000 domestic cookstoves distributed	18000 outstanding cookstoves from 2022 distributed in 9 MMDAs. 40,000 cookstoves from 2023 distributed in 15MM DAs	16,000 cookstoves have distributed in 11 MMDAs	182,801	274,199	40,000	40,000
	Number of Districts/ constituencies	5	2	15	2	20	20	20	20.



4. Budget Sub-programme Operations and Projects

The table lists the main Operations and projects to be undertaken by the sub-programme

Operations		Projects
Petroleum products, fuels and other energy resources Distribution of cook stoves and accessories Monitoring of projects		National LPG for Development (LPG4D) Monitoring of projects





2.8. Budget by Chart of Account

8 - Sub-Programme and Natural Account

Entity: 018 - Ministry of Energy and Green Transition

Funding: All Source of Funding

Year: 2025 | **Currency:** Ghana Cedi (GHS)

Full Year Budget

	2025	2026	2027	2028
01803002 - Downstream	7,899,581	7,899,581	7,899,581	7,899,581
21 - Compensation of Employees [GFS]	504,435	504,435	504,435	504,435
22 - Use of Goods and Services	6,495,146	6,495,146	6,495,146	6,495,146
31 - Non financial assets	900,000	900,000	900,000	900,000

BUDGET SUB-PROGRAMME SUMMARY

PROGRAMME 3: PETROLEUM SECTOR DEVELOPMENT

SUB PROGRAMME 3.3: Health, Safety, Environment and Security

1. Budget Sub-Programme Objectives

To develop, monitor and evaluate policies to ensure health, safety and security of the Petroleum sector.

2. Budget Sub-Programme Description

This Sub programme ensures the availability of technical expertise and guidance in all processes in the development of policies, plans, regulations, standards, programmes and projects for the petroleum Health, Safety, Security and Environment sub-sector of the Ministry.

The Health, Safety, Environment and Security Directorate performs the following functions:

- Ensures adherence to Health Safety and Security principles, standards and regulations within the Ministry and Sector Agencies.
- Coordinates and reports on adherence to sustainable environmental protection principles, standards and regulations in the Energy sector.

The Directorate has one (1) civil servant. Funding is mainly from the Government of Ghana (GoG).



3. Budget Sub-programme Results Statement

The table indicates the main outputs, indicators and projections by which the Ministry measures the performance of this sub-programme. The past data indicates actual performance and the projections are the Ministry's estimate of future performance.

Main Outputs	Output Indicator	Past Years				Projections			
		2023		2024		Budget Year 2025	Indicative Year 2026	Indicative Year 2027	Indicative Year 2028
		Target	Actual	Target	Actual				
National Climate Change - Smart Energy Action Plan implemented.	Report on implementation of the action plan	First and second cycle update reports on emission reduction strategy reviewed	First and second cycle update reports on emission reduction strategy reviewed	National Climate Change - Smart Energy Action Plan Implemented	Reports from sector agencies on climate change interventions for the first and second quarters of the year submitted to the Ministry	Report on climate change interventions on a biannual basis	Report on climate change interventions on a biannual basis	Report on climate change interventions on a biannual basis	Report on climate change interventions on a biannual basis
HSE Update reports reviewed and submitted	Update reports on the state of HSSE in the energy sector	Four (4) quarterly update reports of the sensitization on the HSSE manual submitted to management	Three(3) quarterly update reports of the sensitization on the HSSE manual submitted to management	HSE Update reports reviewed and submitted	Update reports received from sector regulator for the first and second quarters.	Update reports on the state of HSSE in the energy sector	Update reports on the state of HSSE in the energy sector	Update reports on the state of HSSE in the energy sector	Update reports on the state of HSSE in the energy sector



Main Outputs	Output Indicator	Past Years				Projections			
		2023		2024		Budget Year 2025	Indicative Year 2026	Indicative Year 2027	Indicative Year 2028
		Target	Actual	Target	Actual				
Implementation of the developed HSSE Management System		Four (4) quarterly update reports of the sensitization on the HSSE manual submitted to management	Three(3) quarterly update reports of the sensitization on the HSSE manual submitted to management	Implementation of the developed HSSE Management System	Review draft HSE Policy ongoing Request was made and approval received. Training arrangement with Ghana National Fire Service (GNFS) is ongoing.	Quarterly update reports of the sensitization on the HSSE manual	Quarterly update reports of the sensitization on the HSSE manual	Quarterly update reports of the sensitization on the HSSE manual	Quarterly update reports of the sensitization on the HSSE manual

4. Budget Sub-Programme Operations and Projects

The table lists the main operations to be undertaken by the sub-programme

Operations	Projects
Petroleum Sector Regulation	
Full implementation of the Health Safety Security and Environment Policy	
Monitoring of HSSE status of the Sector	
Implementation of Climate change and Smart Action Plan Programmes	





2.8. Budget by Chart of Account

8 - Sub-Programme and Natural Account

Entity: 018 - Ministry of Energy and Green Transition

Funding: All Source of Funding

Year: 2025 | **Currency:** Ghana Cedi (GHS)

Full Year Budget

	2025	2026	2027	2028
01803003 - Health, Security, Safety and Environment	240,340	240,340	240,340	240,340
21 - Compensation of Employees [GFS]	57,340	57,340	57,340	57,340
22 - Use of Goods and Services	183,000	183,000	183,000	183,000

BUDGET PROGRAMME SUMMARY

PROGRAMME 4: RENEWABLE ENERGY DEVELOPMENT

1. Budget Programme Objective

To formulate, evaluate and monitor the implementation of policies related to the renewable energy subsector

2. Budget Programme Description

The Renewable Energy Directorate is responsible for the promotion and development of the country's renewable energy resources and delivering of the programme. The main issues of the renewable energy sub-sector are:

- Inadequate staffing for implementation of the sub programme
- Low contribution of Renewable Energy (small hydro, modern biomass, wind, solar and biofuels) in the generation mix.
- Difficulty in the extension of grid electricity to remote rural communities (including islands & lakeside communities). Challenges of deploying Renewable Energy Electricity to remote off grid communities.
- Low contribution of the use of Biofuel for Energy
- Over dependence and inefficient utilization of wood fuel resources
- Inadequate funding for the promotion of Renewable Energy
- Unexplored alternative and cheaper energy sources
- Inadequate funding for the Ghana Nuclear Power Programme

To achieve 10% penetration of renewable in the electricity generation mix, electricity for remote communities and the reduction of over dependency on wood fuel (charcoal, firewood and crop residue) for cooking from 72% to 50%, the following strategies will be undertaken:

- Implement the provisions in the Renewable Energy Act, 2011 (ACT 832)
- Facilitate the development and enactment of relevant legislative instruments
- Promote net metering concept for households and institutions
- Support Resource Assessment for wind, hydro and biomass
- Reduce the dependency of grid electricity by MDAs through roof-top solar PV
- Support the implementation of the Local Content L.I for RE
- Promote Public Private Partnership for integrated hydro projects
- Establish the Renewable Energy Authority.
- Promote off grid electrification options
- Promote cleaner cooking technologies to reduce Household Air Pollution and over dependence on wood fuel
- Promote effective wood fuel utilization technologies to reduce rate of deforestation



- Resource and Operationalize the Renewable Energy Fund
- Establish and operationalize Owner operation of GNPPO
- Research into other cheaper alternative energy sources

Currently, there are seven (7) civil servants working in various capacities to ensure the effective delivery of programmes and projects in the Directorate. The funding source is GoG and Development Partners.





2.6 Budget by Chart of Account

6.0- Programme, Sub-Programme and Natural Account Summary

Entity: 018 - Ministry of Energy and Green Transition

Funding: All Source of Funding

Year: 2025 | **Currency:** Ghana Cedi (GHS)

Full Year Budget

	2025	2026	2027	2028
01804 - Renewable Energy Development	332,949,217	332,956,777	332,956,777	332,956,777
01804001 - Renewable Energy	326,949,217	326,956,777	326,956,777	326,956,777
21 - Compensation of Employees [GFS]	435,271	442,831	442,831	442,831
22 - Use of Goods and Services	954,000	954,000	954,000	954,000
31 - Non financial assets	325,559,946	325,559,946	325,559,946	325,559,946
01804002 - Alternative Energy	6,000,000	6,000,000	6,000,000	6,000,000
22 - Use of Goods and Services	3,000,000	3,000,000	3,000,000	3,000,000
31 - Non financial assets	3,000,000	3,000,000	3,000,000	3,000,000

BUDGET SUB-PROGRAMME SUMMARY

PROGRAMME 4: RENEWABLE ENERGY DEVELOPMENT

SUB-PROGRAMME 4.1: Renewable Energy

1. Budget Sub-Programme Objective

To formulate, evaluate and monitor the implementation of policies related to the renewable energy subsector.

2. Budget Sub-Programmes Description

The Renewable Energy Directorate delivers this sub-programme which is made up of 2 Units and performs the following functions:

Renewable Electrification Unit

The Unit is responsible for the development, implementation and monitoring of renewable based electricity services for off-grid and grid connected electrification programmes. It consists of:

- Utility Scale RE
- Distributed RE generation
- Mini-Grid and Stand-alone RE electrification

Bioenergy and Energy Conservation Unit

The Unit develops and reviews the broad policies for the biomass sub-sector of the Ministry. It designs and develops bio-power mechanisms, systems, plans, strategies, standards and regulations to support corporate, domestic life and business create new strategic options and generate national competitive advantage.



3. Budget Sub-Programme Results Statement

The table indicates the main outputs, its indicators and projections by which the Ministry measures the performance of this sub-programme. The past data indicates actual performance whilst the projections are the Ministry's estimate of future performance.

Main Outputs	Output Indicator	Past Years				Projections			
		2023		2024					
		Target	Actual	Target	Actual	Budget Year 2025	Indicative Year 2026	Indicative Year 2027	Indicative Year 2028
Solar Lantern Distribution Programme	Number of Solar Lanterns distributed and sold	20,000	11,692 5,000 lanterns as part of relief items to the flood affected households	Distribution of 40,000 solar lanterns completed	210,732 units of solar lanterns have been distributed to remote off-grid rural household at subsidized prices Procurement of 100,000 lanterns still at tender evaluation stage	Complete procurement process for additional 100,000 units of solar lanterns and receive first supply by the end of the third quarter of 2025.	10,000	10,000	10,000
Mini-grid Electrification using Renewable Energy technologies in island and lakeside	Number of communities connected to the mini-grid	Five (5) pilot mini grids located at Pediatorkope, Aglako	Equipment and materials delivered to the Azizakpe, Aflive and Alorkpe m project		Three Ada Mini-grids (located at Azizakpe, Aflive, and Alorkpem) completed and commissioned	Commence procurement of meters, solar home systems and			



Main Outputs	Output Indicator	Past Years				Projections			
		2023		2024		Budget Year 2025	Indicative Year 2026	Indicative Year 2027	Indicative Year 2028
		Target	Actual	Target	Actual				
communities installed		pe, Atigago me, Wayok ope and Kudork ope rehabilitated and upgraded	site. Additional materials are being procured to complete installation		Five mini-grids rehabilitated and operationalized	materials for 35 Mini grids			
Distributed Solar PV for Public Facilities	Number of Solar PV installed	Complete and commission the project	The project is currently at 80% state of completion. Site survey was conducted at Peduase Lodge and geotechnical assessment done for the deployment of 150kWp out of the 912kWp	912kWp Jubilee Solar PV systems completed and commissioned	All installations at the jubilee are completed awaiting official commission	Continue second phase of the 912kWp Jubilee Solar PV Project	-	-	-



Main Outputs	Output Indicator	Past Years				Projections			
		2023		2024		Budget Year 2025	Indicative Year 2026	Indicative Year 2027	Indicative Year 2028
		Target	Actual	Target	Actual				
			at the Peduase Lodge. Currently, the Project is stalled due to delay in the payment of the Contractor's invoice.						
Bioenergy Cooking Fuels-Improved Cookstoves	Number of improved charcoal cookstoves distributed	126,000	97, 253	500,000	A total of 11,433 improved charcoal cookstoves have been locally manufactured and distributed, bringing the total number of cookstoves 6000 cookstoves were distributed in the Western North.	Continue the processes for the development of phase two of the project and the distribution of 457,000	-	-	-



4. Budget Sub-Programme Operations and Projects

The table lists the main Operations and projects to be undertaken by the sub-programme

Operations	Projects
Renewable Energy Programme	MMDAs Solar Rooftop Programme
Renewable Electricity	Solar Lantern Distribution Programme
Non-Renewable Electricity	Improved Cook Stoves Distribution Project
	Utility Scale Renewable Electricity





2.8. Budget by Chart of Account

8 - Sub-Programme and Natural Account

Entity: 018 - Ministry of Energy and Green Transition

Funding: All Source of Funding

Year: 2025 | **Currency:** Ghana Cedi (GHS)

Full Year Budget

	2025	2026	2027	2028
01804001 - Renewable Energy	326,949,217	326,956,777	326,956,777	326,956,777
21 - Compensation of Employees [GFS]	435,271	442,831	442,831	442,831
22 - Use of Goods and Services	954,000	954,000	954,000	954,000
31 - Non financial assets	325,559,946	325,559,946	325,559,946	325,559,946

BUDGET SUB-PROGRAMME SUMMARY

PROGRAMME 4: RENEWABLE ENERGY DEVELOPMENT

SUB-PROGRAMME 4.2: Alternative Energy (Nuclear)

1. Budget Sub-Programme Objective

To formulate, evaluate and monitor the implementation of policies related to the nuclear and alternative energy subsector.

2. Budget Sub-Programme Description

The Unit develops and reviews the broad policies for the nuclear and clean alternative power sub-sector of the Ministry. It also designs and develops mechanisms, systems, plans, strategies, standards and regulations for the smooth integration of nuclear and clean alternative power into the generation mix to become the new base-load of electricity to support industrial growth, corporate, domestic life and businesses, and to also create new strategic generation option for international competitive advantage of being a net exporter of clean cheap electricity

3. Budget Sub-Program Results Statement

The table indicates the main outputs, indicators and projections by which Ministry measures the performances whilst the projections are the Ministry's estimate of future performance.

Main Outputs	Output Indicator	Past Years				Projections			
		2023		2024		Budget Year 2025	Indicative Year 2026	Indicative Year 2027	Indicative Year 2028
		Target	Actual	Target	Actual				
Phase II activities of Nuclear Electricity Development Program completed.	Percentage of progress made for the establishment of Ghana Nuclear Power	Acquisition of sites for nuclear power plants at 60% complete	RFI evaluation completed, report reviewed and submitted to Cabinet	Acquisition of sites for nuclear power plants at 60% state completion	Acquisition of sites for the nuclear power plants is at 60% state of completion. The Ministry has received	Commence the process of acquisition of site	Agreement with vendor country and commencement of construction	Continue construction	Continue construction
		Nuclear power Vendor evaluation	2. Cabinet granted approval			Relocate the Ghana Nuclear Power Programme Organization (GNPPO) coordination		Conduct Training and Capacity Building for the Nuclear Electricity Development	



Main Outputs	Output Indicator	Past Years				Projections			
		2023		2024		Budget Year 2025	Indicative Year 2026	Indicative Year 2027	Indicative Year 2028
		Target	Actual	Target	Actual				
		submitted to Cabinet .	al for further engagement on vendor country selection,		Cabinet approval to establish the National Owner/Operator company by Act of Parliament.	ng office to the office of the President as directed by the President during his declaration .		ment Program	
		Nuclear safety awareness created.							
		Owner/Operator (NPG Ltd), established by an ACT of Parliament							
		Preparation of an L.I on the establishment of NPG as a State-Owned-Enterprise.							



4. Budget Sub-Programme Operations and Projects

The table lists the main Operations and projects to be undertaken by the sub programme

Operations		Projects
Renewable Energy Programme Nuclear and Alternative Energy		Ghana Nuclear Power Programme





2.8. Budget by Chart of Account

8 - Sub-Programme and Natural Account

Entity: 018 - Ministry of Energy and Green Transition

Funding: All Source of Funding

Year: 2025 | **Currency:** Ghana Cedi (GHS)

Full Year Budget

	2025	2026	2027	2028
01804002 - Alternative Energy	6,000,000	6,000,000	6,000,000	6,000,000
22 - Use of Goods and Services	3,000,000	3,000,000	3,000,000	3,000,000
31 - Non financial assets	3,000,000	3,000,000	3,000,000	3,000,000

BUDGET PROGRAMME SUMMARY

PROGRAMME 5: ENERGY SECTOR REGULATION

1. Budget Programme Objectives

- Develop policies, goals, strategies and advise the Minister on Power and Petroleum matters.
- Sustain the exploration, development and production of oil and gas industry.
- Regulate, develop and manage the power and petroleum sub-sectors.

2. Budget Programme Description

This programme is delivered by two organizational units namely:

- Energy Commission
- Petroleum Commission

Energy Commission

The Commission is required by law to regulate and manage the development and utilization of energy resources in Ghana as well as to provide the legal, regulatory supervisory framework for all providers of energy in the country: specifically, by granting licenses for the transmission, wholesale, supply, distribution and sale of electricity and natural gas and related matters.

Petroleum Commission

Petroleum Commission was established by Act 821, 2011 with the mandate to regulate and manage the utilization of petroleum resources and coordinate policies in relation to them. The Commission is mandated by law to promote sustainable and cost efficient petroleum activities to achieve optimal levels of resource exploitation; monitor and ensure compliance with national policies, laws, regulations and agreements related to petroleum activities; and promote local content and local participation in petroleum activities.





2.6 Budget by Chart of Account

6.0- Programme, Sub-Programme and Natural Account Summary

Entity: 018 - Ministry of Energy and Green Transition

Funding: All Source of Funding

Year: 2025 | **Currency:** Ghana Cedi (GHS)

Full Year Budget

	2025	2026	2027	2028
01805 - Energy Sector Regulation	421,671,887	421,671,887	421,671,887	421,671,887
01805002 - Petroleum Sector Regulation	421,671,887	421,671,887	421,671,887	421,671,887
21 - Compensation of Employees [GFS]	227,269,021	227,269,021	227,269,021	227,269,021
22 - Use of Goods and Services	95,086,556	95,086,556	95,086,556	95,086,556
28 - Other Expense	8,921,027	8,921,027	8,921,027	8,921,027
31 - Non financial assets	90,395,283	90,395,283	90,395,283	90,395,283

BUDGET SUB-PROGRAMME SUMMARY

PROGRAMME 5: ENERGY SECTOR REGULATION

SUB-PROGRAMME 5:1 Power Sector Regulation

1. Budget Sub-Programme Objectives

- To regulate, manage and co-ordinate the utilization of Electricity and Natural Gas resource policies.

2. Budget Programme Description

The Programme is basically funded from the Government of Ghana, Regulatory and Energy Fund and Donor Support. This sub-programme is delivered by the Energy Commission through the following operations;

- Development of policy goal and strategy
- Comprehensive policy framework for street lighting in Ghana.
- Liquefied petroleum Gas (LPG) promotion strategy.
- Policy on kerosene supply and pricing.

Energy Planning

- Compilation and updating of the strategic national energy plan
- Completion of Electricity Generation and Transmission plans
- Update of sustainable energy plan of Ghana's energy requirements.

Regulation of Electricity and Natural Gas industries

- Establish a wholesale electricity market in Ghana to ensure effective management and governance of National Interconnected System (NITS)
- Regulate electrical wiring in Ghana to ensure safety of persons, properties and livestock.
- Establish regulatory mechanism for ensuring quality and reliable electricity supply to customers by Electricity Distribution Utilities in Ghana.
- Develop the Natural Gas Market Rules and Operations of Natural Gas Market

Regulation of renewable energy sector service providers

- Establish regulatory mechanism for ensuring quality and reliable exploit of Biomass, wind, wood fuels and solar resources in Ghana.

Regulation of local content and local participation in the electricity supply industry

- Implement local content and local participation regulations



Key Issues/Challenges for the Programme

- Initial high investment cost for renewable energy promotions
- Staff poaching due to lack of commensurate remunerations
- Lack of permanent energy policy and strategy framework to support regulatory environment
- Government's revenue capping affecting the targets of the energy fund

3. Budget Sub-Programme Results Statement

The table indicates the main outputs, indicators and projections by which the Ministry measures the performance of this sub-programme. The past data indicates actual performance whilst the projections are the Ministry's estimate of the future.

Main Outputs	Output Indicator	Past Years				Projections			
		2023		2024		Budget Year 2025	Indicative Year 2026	Indicative Year 2027	Indicative Year 2028
		Target	Actual	Target	Actual				
Implementation of Regulations for Electrical Wiring Cables and Accessories	Number of Electrical professionals trained and certified	1,500 electricians certified by Dec 2023	As of December 2023, 14,866 professionals have been certified by the Commission	1,500 electricians certified	Certification of 1,900 electricians	1,500 electricians certified	1,500 electricians certified	1,500 electricians certified	1,500 electricians certified
		50 Electrical Inspectors certified by 2023		50 Electrical Inspectors certified	Certification of 50 Electrical Inspectors	50 Electrical Inspectors certified	50 Electrical Inspectors certified	50 Electrical Inspectors certified	50 Electrical Inspectors certified
		50 Electrical Wiring Contractors registered by Dec 2023		40 Electrical Wiring Contractors registered	Registration of 40 Electrical Wiring Contractors	40 Electrical Wiring Contractors registered	40 Electrical Wiring Contractors registered	40 Electrical Wiring Contractors registered	40 Electrical Wiring Contractors registered
			Total for 2023: 866						



4. Budget Sub-Programme Operations and Projects

The table lists the main Operations and projects to be undertaken by the sub-programme

Operations	Projects
Power Sector Regulation	Gender Mainstreaming and Sensitisation
	Implementation of Local Content in the Energy Sector



BUDGET SUB-PROGRAMME SUMMARY

PROGRAMME 5: ENERGY SECTOR REGULATION

SUB-PROGRAMME 5.2: Petroleum Sector Regulation

1. Budget Sub-Programme Objective

- To regulate and manage the utilization of petroleum resources and coordinate the policies in relation to them

2. Budget Sub-Programme Description

This sub-programme is delivered by the Petroleum Commission. The main operations under this sub-programme include:

- Promote planned, well executed, sustainable and cost-efficient petroleum activities
- Promote local content and local participation
- Monitor and ensure compliance with national policies, laws, regulations and agreements related to petroleum activities
- Advise the Minister on matters related to field development plans, plans for development for transportation and decommissioning
- Ensure compliance with health safety and environmental standards in petroleum activities in accordance with the law



3. Budget Sub-Programme Statement

The table indicates the main outputs, indicators and projections by which the Ministry measures the performance of this sub-programme. The past data indicates actual performance whilst the projections are estimates of future performance.

Main Outputs	Output Indicator	Past Years				Projections			
		2023		2024		Budget Year 2025	Indicative Year 2026	Indicative Year 2026	Indicative Year 2027
		Target	Actual	Target	Actual				
Local Content Legislation for the Petroleum Downstream sector	Await review of NPA act. Synchronize the revised NPA act with the Legislative Instrument. Obtain approvals from Ministers/CD Submission to Parliament	LI submitted to Parliament	Revised NPA Act is ready to be laid before Parliament 2. MOE awaiting final review of Ghanaian Content and Ghanaian Participation Legislative Instrument from NPA before onward submission to Parliament	Local Content Legislation for Downstream Sector	The Ministry with the support of NPA has secured the amendment of sections 2, 12, 80 & 81 of the NPA Act 2005b, particularly to allow for the passage of the Petroleum Downstream (Ghanaian Content and Ghanaian Participation) Regulations to ensure maxim	Submission of draft legislative Instrument to Parliament	LI for Ghanaian Content and Ghanaian Participation for Petroleum Downstream passed by Parliament and in operation	Monitor Operations and Progress of LI for Ghanaian Content and Ghanaian Participation	Monitor Operations and Progress of LI for Ghanaian Content and Ghanaian Participation



Main Outputs	Output Indicator	Past Years				Projections			
		2023		2024		Budget Year 2025	Indicative Year 2026	Indicative Year 2026	Indicative Year 2027
		Target	Actual	Target	Actual				
					um Ghanai an Conten t and Ghanai an Particip ation in the sector. Subseq uently, the Regulat ions has been laid in Parliam ent for ratificat ion				





2.8. Budget by Chart of Account

8 - Sub-Programme and Natural Account

Entity: 018 - Ministry of Energy and Green Transition

Funding: All Source of Funding

Year: 2025 | **Currency:** Ghana Cedi (GHS)

Full Year Budget

	2025	2026	2027	2028
01805002 - Petroleum Sector Regulation	421,671,887	421,671,887	421,671,887	421,671,887
21 - Compensation of Employees [GFS]	227,269,021	227,269,021	227,269,021	227,269,021
22 - Use of Goods and Services	95,086,556	95,086,556	95,086,556	95,086,556
28 - Other Expense	8,921,027	8,921,027	8,921,027	8,921,027
31 - Non financial assets	90,395,283	90,395,283	90,395,283	90,395,283

PART C: PUBLIC INVESTMENT PLAN (PIP)

PUBLIC INVESTMENT PLAN (PIP) FOR ON-GOING PROJECTS FOR 2025

MDA: Ministry of Energy and Green Transition

Funding Source: GoG

Budget Ceiling:

300,000,000

#	Code	Project	2025
1	1524019	Renovation of MoEN Head Office at Ministries	10,000,000
2	1524020	WIP-Office Buildings (Warehouse)	20,000,000
3	1524021	REP_Supply of HT 10m Wooden Pole	7,560,912
4	1524022	REP_Supply of HT 8m Wooden Pole	84,250,000
5	1524023	REP_Supply of 1-Phase Meter, 5/60A	98,439,088
6	1524024	SREP_Construction of 35 Mini-Grids	24,770,967
7	1524025	SREP_Sply, Dlvry & Prcurm't of Climate Proofed 700 Pub. Solar Home Sys	12,387,096
8	1524026	SREP_Sply & Instn of Solar PV Sys & Subsidy for Instn of Solar PV Sys	7,741,937
9	1524027	Sply of equipment & materials for Ada East Dist. Mini-Grid Electn Pj	3,100,000
10	1524028	Ocean Observation and Radiological Equipment	3,000,000
11	1524029	Procurement of cookstoves and related accessories	900,000

Note: The difference between the Annual Ceiling and the Total Allocation for Projects for the financial year is earmarked for Non infrastructure Capex. i.e. Vehicles, Computers, Furniture, etc