

Grant No. 39
142 - Energy and Mineral Resources Division
Medium Term Expenditure

(Taka in Thousands)

Description	Budget 2024-25	Projection	
		2025-26	2026-27
Operating Expenditure	88,96,00	97,88,00	107,69,00
Development Expenditure	997,59,00	1097,35,00	1207,08,00
Total	1086,55,00	1195,23,00	1314,77,00
Recurrent	76,22,20	157,16,39	148,07,47
Capital	82,73,80	1038,06,61	1166,69,53
Financial Asset	927,59,00	0	0
Liability	0	0	0
Total	1086,55,00	1195,23,00	1314,77,00

1.0 Mission Statement and Major Functions**1.1 Mission Statement**

Achieving energy security of the country through exploration of various sources, extraction, import distribution and proper management of energy and mineral resources

1.2 Major Functions

- 1.2.1. Formulation of laws, regulations and policies related to oil, natural gases, liquid petroleum products and mineral resources;
- 1.2.2. Research, survey, exploration, production and marketing of oil, gas and other minerals;
- 1.2.3. Import, reserve, refine, processing and marketing of petroleum and other petroleum by-products, lubricants etc.;
- 1.2.4. Planning and implementation of programs related to geological survey; and
- 1.2.5. Liaison with international organizations relating to energy and mineral resources, including matters relating to MOU and agreements

2.0 Medium Term Strategic Objectives and Activities

Medium-Term Strategic Objectives	Activities	Implementing Departments/Agencies
1	2	3
1. Ensuring energy security	<ul style="list-style-type: none"> • Carrying out geological mapping • Geological mapping • Evaluation of the catastrophic situation for environment and disaster management 	<ul style="list-style-type: none"> • Geographical Survey of Bangladesh (GSB)
	<ul style="list-style-type: none"> • Exploring various sources of energy in different areas of the country • Import of LNG • Conducting geological survey 	<ul style="list-style-type: none"> • Petrobangla

Medium-Term Strategic Objectives	Activities	Implementing Departments/Agencies
1	2	3
	<ul style="list-style-type: none"> Organizing workshops and seminars 	<ul style="list-style-type: none"> Department of Explosives Bangladesh Petroleum Institute (BPI) Hydrocarbon Unit
	<ul style="list-style-type: none"> Conducting research & training activities 	<ul style="list-style-type: none"> Hydrocarbon Unit Bangladesh Petroleum Institute (BPI)
	<ul style="list-style-type: none"> To enhance storage capacity of fuel To increase the capacity to refine crude petroleum 	<ul style="list-style-type: none"> Bangladesh Petroleum Corporation (BPC)
2. Ensuring energy supply over the country & its efficient use	<ul style="list-style-type: none"> Expansion of gas transmission pipelines to different regions of the country; Expansion of gas distribution pipelines to different regions of the country; Installation of pre-paid and remote meters; Disconnecting illegal and defaulter's gas connections 	<ul style="list-style-type: none"> Petrobangla
	<ul style="list-style-type: none"> To import, refine and distribute crude oil properly; To import and supply refined petroleum; To increase supply of LPG; To install pipelines; Automation activities (Feasibility Study) 	<ul style="list-style-type: none"> Bangladesh Petroleum Corporation (BPC)
	<ul style="list-style-type: none"> Issuance and renewal of no objection certificates to ensure safe production, storage, transportation and use of flammable materials Examination of explosives 	<ul style="list-style-type: none"> Department of Explosives
	<ul style="list-style-type: none"> Preparation of survey report regarding reserves of energy resources 	<ul style="list-style-type: none"> Hydrocarbon Unit
3. Exploration & extraction of non-oil and gas mineral resources	<ul style="list-style-type: none"> To lease out and issue licenses; 	<ul style="list-style-type: none"> Bureau of Mineral Resources Development (BMD)
	<ul style="list-style-type: none"> To explore Mineral Resources (Drilling) 	<ul style="list-style-type: none"> Geological Survey of Bangladesh (GSB)
	<ul style="list-style-type: none"> To extraction Hard Rocks 	<ul style="list-style-type: none"> Petrobangla
4. Extraction and increase of production of energy	<ul style="list-style-type: none"> Execution of 2D and 3D Seismic Survey by BAPEX; Drilling of gas development and workover wells; Extraction of gas through national companies and IOCs; Coal mining as an alternative fuel; Production of Petroleum Products (excluding NGLs). 	<ul style="list-style-type: none"> Petrobangla

3.0 Poverty, Gender and Climate Change Reporting

3.1 Impact of Medium Term Strategic Objectives on Poverty Reduction, Women's Advancement and Climate Change

3.1.1 Ensuring energy security

Impact on Poverty Reduction: Energy is one of the main driving factors of economic development of a country. With the increase of energy reserves through oil and gas exploration there is an increase in power generation, industrialisation and expansion of small and cottage industries nationwide. With the direct involvement of poor people with production and development of energy, the income and purchasing power of poor people are increasing simultaneously. Through capacity building in the exploration, development and production of gas the economic development of the country will be accelerated resulting in a positive impact on poverty reduction.

Impact on Women's Advancement: Initiatives have been taken to secure energy for all through proper management of oil & gas reserve. Women being the half of the total population are also receiving benefit from the initiatives taken.. Through capacity building in the exploration, development and production of gas, the economic development of the country is being accelerated having a positive impact on women's development and poverty reduction.

Impact on Climate Change Adaptation and Mitigation: The rise in energy consumption sometimes may affect the climate. One of the major objectives of ensuring energy security is to promote industries subsequently generating employment for the marginal poor sect of the society who are most vulnerable to climate change. Thus, energy security is closely associated with the adaptation of a secured livelihood and development of the country as well. Coverage of gas distribution pipelines has been increased three times in the last three years in different areas of the country to increase the use of comparatively low carbon emitting and efficient fuel. These activities are implemented keeping in mind the environment related issues.

3.1.2 Ensuring efficient use of energy and its supply throughout the country

Impact on Poverty Reduction: Poverty reduction process is getting momentum through engaging poor people in the installation of gas pipelines and distribution of gas. With the supply of fuel according to demand, people linked with irrigation and agriculture is being supported to increase their production. Increased agricultural production helps reducing poverty of the country. In addition to that, efficient use of gas has a positive impact on socio-economic development and poverty reduction despite its limited stock.

Impact on Women's Advancement: Women are benefiting in household activities as gas distribution widened. Supply of fuel according to demand helps women to be engaged in agriculture and irrigation sector. Female entrepreneur are encouraged by providing gas connection in their business places o priority basis.

Impact on Climate Change Adaptation and Mitigation: Reducing system loss and increasing skills of using energy resources play a key role in climate change mitigation. Existing projects are playing an important role in controlling gas seepage by means of well-head and enhancing skills for operations.

3.1.3 Expand reserve of non-oil and gas mineral resources

Impact on Poverty Reduction: There are vast reserves of mineral resources in different areas of the country. Employment opportunities are created through the production process of these mineral resources which directly contribute to poverty reduction.

Impact on Women's Advancement: Exploration of the mineral resources generates employment contributing women's development.

Impact on Climate Change Adaptation and Mitigation: Projects will be undertaken to keep emissions at a tolerable level from mineral exploration, extraction and usage, which will help attain the internationally set carbon emission standards.

3.1.4 Extraction and increase of energy production

Impact on Poverty Reduction: As recoverable reserves of energy have increased through oil and gas exploration in the country, various programs have been undertaken for energy production, extraction and enhancement in different regions. Seismic surveying, gas development and workover well drilling, gas and coal extraction process are creating employment opportunities for people. Which is playing one of the roles in poverty alleviation

Impact on Women's Advancement: Initiatives have been taken to provide energy benefits to all in the country through proper management of increasing energy reserves. Along with men, women are also partners in employment in the process of energy production and extraction and growth, which is contributing to women's development. As a result of increasing capacity in oil and gas exploration and development, socio-economic development of the country is accelerating. Its impact on women's development is visible.

Impact on Climate Change Adaptation and Mitigation: With increasing use of energy resources, the potential for climate change sometimes remains. With the increase in energy consumption in the process of energy production and growth, there is sometimes the possibility of climate change. In this case, activities like well drilling, seismic survey, gas extraction, coal extraction are being carried out taking into consideration the environmental aspects. The installation of gas transmission pipelines has increased three times in the last three years with the aim of increasing low carbon emission and cost-effective energy in different regions of the country. This project is being carried out with environmental considerations in mind.

3.2 Poverty Reduction, Women's Advancement and Climate Change Related Allocation

(Taka in Thousand)

Description	Budget 2024-25	Projection	
		2025-26	2026-27
Poverty Reduction	670,07,80	390,20,43	312,60,73
Gender	347,10,42	24,48,85	27,10,79
Climate Change	127,48,00	140,22,80	154,25,08

4.1 Priority Spending Areas/Programmes

Priority Spending Areas/ Programmes	Related Strategic Objectives
1. Gas exploration and production: Strengthening gas exploration activities is necessary to meet the increasing national demand for gas. The energy security of the country can be ensured by discovering new gas fields.	<ul style="list-style-type: none"> Ensuring energy security
2. Development of the Coal sector: The existing national gas reserve is depleting gradually. The coal sector has therefore been given the second highest priority as the development of the coal sector help to ensure energy security.	<ul style="list-style-type: none"> Ensuring energy security
3. Ensuring uninterrupted supply of fuel: Uninterrupted supply of fuel is a must for development of agriculture, transport industry and the power sector. This is why this sector is deemed top-prioritized.	<ul style="list-style-type: none"> Ensuring energy supply over the country & its efficient use.
4. Expansion of gas network and its efficient use: If maximum gas supply is ensured through expansion of the gas network, both small and large industries will be established in remote areas of the country subsequently contributing to the economic development of the country.	<ul style="list-style-type: none"> Ensuring energy supply over the country & its efficient use.
5. Reduction of system losses and enhancement of Institutional efficiency: Government subsidy to this sector can be reduced significantly if revenue collections can be increased through reducing systems losses, enhancing the Institutional skills in marketing of oil and strengthening the realization of arrears.	<ul style="list-style-type: none"> Ensuring energy supply over the country & its efficient use.

4.2 Medium Term Expenditure Estimates and Projection (2024-25 to 2026-27)

4.2.1 Expenditure by Department/Agencies/Institutional Units

(Taka in Thousands)

Description	Budget	Revised	Budget	Projection	
	2023-24		2024-25	2025-26	2026-27
Secretariat, Energy and Mineral Resources Division	933,78,30	1082,97,84	1019,66,50	1127,19,52	1236,88,16
Head Office, Department of Explosives	2,53,35	2,45,75	2,70,21	3,02,87	3,11,30
Office of the Inspector of Explosives	2,30,65	2,38,26	3,19,29	4,30,73	6,46,42
Bureau of Mineral Development	2,72,70	2,52,50	8,71,00	4,18,31	4,14,24
Geological Survey of Bangladesh	52,96,00	52,73,14	52,28,00	56,51,57	64,16,88
Grand Total :	994,31,00	1143,07,49	1086,55,00	1195,23,00	1314,77,00

4.2.2 Expenditure by Economic Group Wise

(Taka in Thousands)

Economic Group	Description	Budget	Revised	Budget	Projection	
		2023-24		2024-25	2025-26	2026-27
	Recurrent Expenditure					
3111	Wages and salaries in cash	40,36,65	40,21,33	43,79,84	50,12,84	54,91,48
3211	Administrative expenses	4,83,82	4,99,20	5,24,38	6,12,95	5,91,53
3221	Fees, charges and commissions	7,10	3,13	1,67,25	87,20	72,20
3231	Training	2,01,35	1,56,65	1,61,45	2,56,60	2,76,80
3243	Petrol, oil and lubricants	1,63,75	1,70,95	1,88,00	2,04,10	2,17,85
3244	Travel and Transfer	2,34,38	1,49,95	1,62,45	2,78,70	2,80,30
3253	Public order and safety supplies	26,50	26,50	53,00	80,00	80,00
3255	Printing and stationery	1,02,93	1,04,58	1,15,67	1,45,04	1,54,50
3256	General supplies and materials	42,30	42,10	51,55	47,42	51,04
3257	Professional services, honorariums and special expenses	5,38,67	4,81,07	7,75,31	7,36,76	6,55,00
3258	Repairs and maintenance	4,49,65	4,29,81	5,72,05	5,92,20	6,64,80
3631	Current grants	3,53,50	3,53,00	3,53,00	4,73,00	3,79,55
3821	Current transfers not elsewhere classified	5,65	4,10	5,75	7,75	8,25
3823	Current transfers for projects	0	0	0	71,81,83	58,84,17
3911	Reserve	40,80	0	1,12,50	0	0
	Total : - Recurrent Expenditure	66,87,05	64,42,37	76,22,20	157,16,39	148,07,47
	Capital Expenditure					
4111	Buildings and structures	12,00,00	12,00,00	4,50,00	6,38,69	6,88,00
4112	Machinery and equipment	3,45,95	3,62,58	7,97,80	5,80,75	11,18,70
4113	Other fixed assets	30,00	26,54	26,00	34,00	39,00
4211	Capital expenditure for project	0	0	0	911,38,76	1080,53,48
4911	Reserve	26,05,00	0	70,00,00	114,14,41	67,70,35
	Total : - Capital Expenditure	41,80,95	15,89,12	82,73,80	1038,06,61	1166,69,53
	Assets					
7215	Loans	677,25,41	858,40,86	777,42,54	0	0
7216	Equity and investment fund shares	208,37,59	204,35,14	150,16,46	0	0
	Total : - Assets	885,63,00	1062,76,00	927,59,00	0	0
	Grand Total :	994,31,00	1143,07,49	1086,55,00	1195,23,00	1314,77,00

5.0 Key Performance Indicator (KPIs)

Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
			2022-23	2023-24	2024-25	2025-26	2026-27		
1	2	3	4	5	6	7	8	9	10
1. Exploration of new sources of energy in different regions of the country	1	Number	2	2	4	2	1	3	4
2. Production of gas & drilling of well)	4	bcf	720	680	700	680	700	680	630
3. Coal extraction as substitute energy	4	Million MT	3.5	0.767	5.0	0.60	0.63	0.50	0.60
4. Construction and expansion of gas transmission pipelines to different regions of the country	2	KM	70	69	210	100	110	110	120
5. Importing LNG	1	MTPA	4.2	3.56	4.5	3.9	5.0	5.5	5.5
6. Per capita consumption of renewable Energy	2	Equivalent K.G Oil	0	0	0	142.583	133.955	124.589	124.589

6.0 Recent Achievements, Activities, Output Indicators and Targets and Expenditure Estimates of the Departments/Agencies

6.1 Secretariat

6.1.1 Recent Achievements: In past three years, 3907 line km. two-dimensional and 191 square km. Three-dimensional survey completed. Under Petrobangla six (6) exploration wells and eleven (12) development & workover wells have been drilled. 13 million tons liquefied natural gas (LNG) has been imported. 161 km. gas transmission pipeline and 285 km. gas distribution pipeline have been constructed. Around 1.3 lakh Prepaid meter connection in household sector and EVC meters in industries and CNG category have been installed. During this period, coal production was more than 2 million metric tons and 2.09 million metric tons granite was extracted. In the last three years, BPC has imported 45.23 lakh metric tonnes crude oil and 146.81 Lakh metric tonnes refined fuel oil and 583 km fuel-oil pipeline has been constructed

6.1.2 Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2022-23	2023-24	2024-25	2025-26	2026-27		
1	2	3	4	5	6	7	8	9	10	11
Not applicable										

6.1.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2022-23	Budget	Revised	Medium Term Expenditure Estimates		
			2023-24	2024-25	2025-26	2026-27	
1	2	3	4	5	6	7	8
Operating Activities							
General Activity							
1420101 - Secretariat, Energy and Mineral Resources Division		13,79,01	18,55,10	16,67,44	18,52,85	25,09,77	25,98,86
Total : General Activity		13,79,01	18,55,10	16,67,44	18,52,85	25,09,77	25,98,86
Special Activity							
12000801 - Loans to Government Employees	-	3,35	24,00	24,00	0	0	0
127003401 - Commission for the Geological Map of the World (CGMW)	-	40	90	70	80	90	90
127010101 - International Union of Geological Sciences (IUGS)	-	58	80	70	85	85	85
Total : Special Activity		4,33	25,70	25,40	1,65	1,75	1,75
Total : Operating Activities		13,83,34	18,80,80	16,92,84	18,54,50	25,11,52	26,00,61

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2022-23	Budget	Revised	Medium Term Expenditure Estimates		
			2023-24	2024-25	2025-26	2026-27	
1	2	3	4	5	6	7	8
Development Activities							
Annual Development Program							
221000142 - Reserve for unapproved project Energy and Mineral Resources Division		0	26,05,00	0	70,00,00	0	0
Total : Annual Development Program		0	26,05,00	0	70,00,00	0	0
Total : Development Activities		0	26,05,00	0	70,00,00	0	0
Total :		13,83,34	44,85,80	16,92,84	88,54,50	25,11,52	26,00,61

6.2 Petrobangla

6.2.1 Recent Achievements: In last three years (2020-21 to 2022-23) under Petrobangla, six (6) exploration Wells and twelve (12) development & workover Wells have been drilled. 3907 line km 2D & 191 square km 3D seismic survey has been conducted. The current daily gas supply has increased to 2561 mmcf and 13 million tonnes liquefied natural gas (LNG) has been imported. In last three years, 161 km. gas transmission pipeline and 285 km gas distribution pipeline have been constructed. More than 1.30 lakh EVC meter and prepaid meter connection have been installed in household sector and CNG category. During this period, coal production was 2 million metric tonnes and 2.9 million metric tons granite was extracted/sold

6.2.2 Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2022-23	2023-24	2024-25	2025-26	2026-27		
1	2	3	4	5	6	7	8	9	10	11
1. Exploring various sources of energy in different areas of the country	Well explored	1	Number	2	2	4	2	3	3	3
2. Drilling of wells for development and production of gas	Well Drilled	4	Number	4	4	8	5	10	8	8
3. Ensuring efficient production of gas through national companies and International Oil Companies (IOCs)	Gas Produced through IOCs	4	BCF	500	500	450	450	440	420	420
	Gas Production through National company			220	300	230	250	240	210	210
	System loss-natural gas			%	-	7.03	-	7.56	7.00	6.50
4. Construction & expansion of gas transmission pipelines to different regions of the country	Transmission Pipeline constructed	2	KM	50	69	0	18	30	60	60
5. Expansion of gas transmission pipelines to different regions of the country	Distribution Pipeline constructed	2	KM	70	70	210	60	70	90	90
6. Conducting seismic survey By BAPEX	2D Seismic survey Conducted	4	Lkm	1100	1515	1000	950	1200	1500	1500
7. Conducting geological survey	Geological Survey Conducted	1	Lkm	85	85	90	85	80	85	85
8. Extraction of hard rocks	Hard rock extracted/ Sold	3	LMT	5	6.88	10	4	10	10	10
9. Production of petroleum products excluding NGL	Petroleum Products Produced	4	ML	360	430	370	370	350	315	315
10. Installation of prepaid and remote meters	Pre-paid meter installation	2	No	15000	13500	120000	95000	62000	65000	65000

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2022-23	2023-24	2024-25	2025-26	2026-27		
1	2	3	4	5	6	7	8	9	10	11
	EVC Meter installation		%	0	0	100	100	100	100	100
11. Extraction of coal as an alternative source of energy	Coal extracted	4	MMT	3.5	0.65	0.50	0.60	0.60	0.60	0.60
12. Import of LNG	Imported LNG	1	MT	4.2	3.56	4.5	3.9	5.0	5.5	5.5
13. Disconnecting illegal and defaulter's gas connections	illegal connections disconnected	2	Number	7500	28479	6500	18000	13300	8200	8200
14. Per capita consumption renewable energy	per capita gas consumption	2	Equivalent K.G oil	0	0	0	138.408	129.925	120.769	120.769

*LNG has not been imported before 2013-14

6.2.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2022-23	Budget	Revised	Medium Term Expenditure Estimates		
			2023-24	2024-25	2025-26	2026-27	
1	2	3	4	5	6	7	8
Annual Development Program							
223050200 - Technical Assistance for the Promoting Energy Transition, Safety and Energy Efficiency in the Energy Sector.	14	0	0	0	1,00,00	18,07,50	0
224062100 - Installation of Wellhead Compressor at Location-A of Titas Gas Field (01/07/2016 - 31/12/2020)	2	343,35,69	91,55,00	79,76,00	0	0	0
224062900 - *Installation of Pre-paid Gas Meter for TGTDC (BD-P78: Natural Gas Efficiency Project (01/01/2015-31/12/2022) Approved	10	120,71,58	202,55,00	191,44,00	0	0	0
224273200 - Construction of Bogura-Rangpur-Saidpur Gas Transmission Pipeline Project.(01/10/2018-30/06/2025)	4	300,18,09	142,11,00	142,11,00	120,20,00	0	0
224348400 - Construction of Bakhrabad-Meghnaghat-Haripur Gas Transmission Pipeline Project.	4	0	269,65,00	309,18,00	205,16,00	0	0
224349000 - Rangpur-Nilphamari-Pirganj & Their Adjoining Areas Gas Distribution Network Project	5	48,00	79,53,00	40,00,00	115,00,00	23,63,74	0
224389300 - Technical Assistance for Carbon Abatement of the oil and Gas value Chain	4,5	0	0	0	3,00,00	0	0
224390600 - Installation of Smart Prepaid Gas Meters, SCADA & GIS at PGCL Franchise Area.	10	0	0	1,00	3,46,00	278,09,00	207,66,00
224390700 - Smart Metering Energy Efficiency Improvement Project. [Installation of Prepaid Gas Meter for TGTDC]	10	0	0	1,00	40,46,00	513,94,60	507,90,05
224390800 - Gas Sector Efficiency Improvement & Carbon Abatement Project (Installation of Smart Prepaid Gas Meter for TGTDC)	10	0	0	1,00	61,25,00	263,60,16	491,51,95
Total : Annual Development Program		764,73,36	785,39,00	762,52,00	549,53,00	1097,35,00	1207,08,00
Total : Development Activities		764,73,36	785,39,00	762,52,00	549,53,00	1097,35,00	1207,08,00
Total :		764,73,36	785,39,00	762,52,00	549,53,00	1097,35,00	1207,08,00

6.3 Bangladesh Petroleum Corporation (BPC)

6.3.1 Recent Achievements: BPC During the last three years (2020-21 to 2022-23), a total of 45.23 MT of crude and 146.81 MT of refined fuel have been imported. Besides, BPC exported a total of 18,795 million tonnes of Naphtha during the same period. Successful commissioning of 131.50 km pipeline under the project titled "India-Bangladesh Friendship Pipeline" and 220 km pipeline under the "Installation of Single Point Mooring with Double Pipeline" project has been completed in the last 03 years. Also, 232.50 km of pipelines out of 249.57 km of pipelines have been laid under the project "Fuel Oil Transport by Pipeline from Chittagong to Dhaka". During this time the storage capacity has been increased by about 10250 MT.

6.3.2 Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2022-23	2023-24	2024-25	2025-26	2026-27		
1	2	3	4	5	6	7	8	9	10	11
1. To enhance storage capacity of fuel	Storage capacity	1	Lakh MT	1.00	1	1.70	2	50	50	50
2. To increase the capacity of refining crude petroleum	Capacity of refining			0.00	0.00	0.00	0.00	0.00	0.00	0.00
3. To increase supply of LPG	Quantity of supply	2		0.00	0.00	0.00	0.00	0.00	0.00	0.00
4. To import, refine and distribute crude oil properly	Import of crude oil			15.00	15.00	15.00	15.00	13.00	14.00	15.00
5. To import and supply refined petroleum	Import of refined oil			61.25	61.25	62.20	61.50	68.20	70.20	70.00
6. Installing pipeline	Supply of fuel oil	2	Kilometer	110.00	110.00	15.00	15.00	5.00	0.00	0.00
7. Automation activities (Feasibility Study)	supplying fuel oil	2	Depot Number	1.00	1.00	1.00	1.00	1.00	1.00	1.00

6.3.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2022-23	Budget	Revised	Medium Term Expenditure Estimates		
			2023-24	2024-25	2025-26	2026-27	
1	2	3	4	5	6	7	8
Annual Development Program							
224062300 - nstallation of Single Point Mooring (SPM) with Double Pipeline (01/11/2015 - 30/06/2023)	1,4,6	539,75,54	100,00,00	300,00,00	378,06,00	0	0
Total : Annual Development Program		539,75,54	100,00,00	300,00,00	378,06,00	0	0
Total : Development Activities		539,75,54	100,00,00	300,00,00	378,06,00	0	0
Total :		539,75,54	100,00,00	300,00,00	378,06,00	0	0

6.4 Geological Survey of Bangladesh (GSB)

6.4.1 Recent Achievements: Recently (last three years) in the country about 5,928 sq. km. Geological and geophysical mapping, about 727 km. Geophysical survey, about 95 line km. Seismic survey and 135 sq. km. area has been surveyed for the identification and determination of quantity of chemical elements. During that time, in the Analytical Chemistry Laboratory of GSB, 776 samples were analyzed. Also 3 wells were drilled. An integrated palynology and paleontological database has been developed as apps on the Google Play Store by name "BD Palaeontology" and also an app developed for the mineral museum of GSB titled 'Bangladesh Mineral Museum'

6.4.2 Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2022-23	2023-24	2024-25	2025-26	2026-27		
1	2	3	4	5	6	7	8	9	10	11
1. Carrying out geological Mapping	Geological Maps	1	Number	10	11	11	8	11	13	15
2. To explore Mineral Resources(Drilling)	Drilling	3		1	0	1	1	1	1	1
3. Geological Mapping	Geo-technical Maps	1		1	1	1	1	11	1	1
4. Evaluation of the catastrophic situation for environment and disaster management	Evaluation Report	1		1	1	2	1	2	2	2

6.4.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2022-23	Budget	Revised	Medium Term Expenditure Estimates		
			2023-24		2024-25	2025-26	2026-27
1	2	3	4	5	6	7	8
Operating Activities							
General Activity							
1420401 - Geological Survey of Bangladesh	1-4	34,87,19	52,96,00	52,73,14	52,28,00	56,51,57	64,16,88
Total : General Activity		34,87,19	52,96,00	52,73,14	52,28,00	56,51,57	64,16,88
Total : Operating Activities		34,87,19	52,96,00	52,73,14	52,28,00	56,51,57	64,16,88
Total :		34,87,19	52,96,00	52,73,14	52,28,00	56,51,57	64,16,88

6.5 Department of Explosives

6.5.1 Recent Achievements: The Department of Explosives has granted 3,144 licenses of 26 types respectively under the Explosives and Petroleum Act in the last three years; Import of LPG cylinder through license 10,24,757; License to store LPG cylinders 1,111; 24,323 tanks were tested with test certificate free of gas, flammable liquids. 13,492 non-objection letters for import respectively; 1001 cases by examining evidence obtained in cases related to gas transport permit and explosives in 298 cases respectively; 30 days for disposal of license applications in industries in BEZA/SEZ zones.

6.5.2 Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2022-23		2023-24		2024-25	2025-26	2026-27
1	2	3	4	5	6	7	8	9	10	11
1. Ensure safety during manufacture, storage, transport & uses of various flammable substances required NOC, licence.	Grant of licence for petroleum, flammables and other explosives	2	Average	90%	100%	100%	100%	100%	100%	100%
	Timely disposal of license application in industries of Beja / SEZ region		Average	100%	100%	100%	100%	100%	100%	
	Grant of licence for the import of LPG cylinder		Average	150000	150426	12000	15000	100000	100000	120000
	Grant of licence for the storage of LPG cylinder.		no	250	260	250	280	290	300	310
	Issuing gas free certificates for the examination of petroleum tanks in scrap marine vessels.		Average	950	950	950	1000	1000	1000	1000
2. Examination of Explosives	Examination of Explosives		Average	200	261	180	180	200	300	250
3. Organizing workshops and seminars	Workshop and seminars held	1	No	1	1	11	1	1	1	1

6.5.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2022-23	Budget	Revised	Medium Term Expenditure Estimates		
			2023-24		2024-25	2025-26	2026-27
1	2	3	4	5	6	7	8
General Activity							

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2022-23	Budget	Revised	Medium Term Expenditure Estimates		
			2023-24		2024-25	2025-26	2026-27
1	2	3	4	5	6	7	8
1420201 - Head Office, Department of Explosives	1-3	1,75,65	2,53,35	2,45,75	2,70,21	3,02,87	3,11,30
1420202 - Office of the Inspector of Explosives	1-3	1,75,27	2,30,65	2,38,26	3,19,29	4,30,73	6,46,42
Total : General Activity		3,50,92	4,84,00	4,84,01	5,89,50	7,33,60	9,57,72
Total : Operating Activities		3,50,92	4,84,00	4,84,01	5,89,50	7,33,60	9,57,72
Total :		3,50,92	4,84,00	4,84,01	5,89,50	7,33,60	9,57,72

6.6 Bureau of Mineral Resources Development (BMD)

6.6.1 Recent Achievements: During the last three financial years (2020-21, 2021-22 and 2022-23) exploration license, annual fee received from mining lease, lease value received through payment of quarry lease, royalties of coal and hard rock extracted from mines and stone and silica sand in open auction by BMD. A total revenue of 270.78 (Two Hundred Seventy Eight Million) Crores has been realized through sales.

6.6.2 Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2022-23		2023-24		2024-25	2025-26	2026-27
1	2	3	4	5	6	7	8	9	10	11
1. To lease out and issue license	Exploration license, leasing quarry	3	Number	2	10	4	10	5	7	5

6.6.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2022-23	Budget	Revised	Medium Term Expenditure Estimates		
			2023-24		2024-25	2025-26	2026-27
1	2	3	4	5	6	7	8
General Activity							
1420301 - Bureau of Mineral Development	1	2,40,01	2,72,70	2,52,50	8,71,00	4,18,31	4,14,24
Total : General Activity		2,40,01	2,72,70	2,52,50	8,71,00	4,18,31	4,14,24
Total : Operating Activities		2,40,01	2,72,70	2,52,50	8,71,00	4,18,31	4,14,24
Total :		2,40,01	2,72,70	2,52,50	8,71,00	4,18,31	4,14,24

6.7 Bangladesh Petroleum Institute (BPI)

6.7.1 Recent Achievements: Bangladesh Petroleum Institute (BPI) has been imparting technical, administrative and financial training to officers and professionals working in the oil, gas and mineral resources sector under the Department of Energy and Mineral Resources. In continuation of this, a total of 2336 trainees including 805 people, 1044 people and 487 people have been trained in 19 training courses and 3 workshops held in the last 2020-21 academic year, 26 training courses and 09 workshops in 2021-22 and 25 training courses and 4 workshops in 2022-23

6.7.2 Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2022-23		2023-24		2024-25	2025-26	2026-27
1	2	3	4	5	6	7	8	9	10	11
1. Conducting research & training activities	Training Courses	1	Number	25	25	24	25	23	23	23
	Research paper published			1	2	1	1	2	2	2
2. To organize Workshop and seminars	Workshop/ seminars			6	4	6	2	2	2	2

6.7.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2022-23	Budget	Revised	Medium Term Expenditure Estimates		
			2023-24		2024-25	2025-26	2026-27
1	2	3	4	5	6	7	8
Support Activity							
131014300 - Bangladesh petroleum Institute	1-2	2,84,50	3,53,50	3,53,00	3,53,00	4,73,00	3,79,55
Total : Support Activity		2,84,50	3,53,50	3,53,00	3,53,00	4,73,00	3,79,55
Total : Operating Activities		2,84,50	3,53,50	3,53,00	3,53,00	4,73,00	3,79,55
Total :		2,84,50	3,53,50	3,53,00	3,53,00	4,73,00	3,79,55

6.8 Hydro Carbon Unit

6.8.1 Recent Achievements: Hydrocarbon Unit has conducted a total of 28 (Twenty-eight) workshops/seminars and 50 (fifty) technical reports on various energy related topics in the last 03 financial years. The technical reports are Monthly Report on Gas and Coal Reserves and Production, Annual Report on Gas Production, Distribution and Consumption. Besides, there are Energy Scenario of Bangladesh, Energy and Mineral Resources mapping of Bangladesh, Lube Oil Scenario of Bangladesh. Interim management dashboard for Energy and Mineral Resources Division and it's agencies has been developed, compilation of laws, rules and policies (1st and 2nd editions) of EMRD, Compilation of Laws, Rules and Policies of Petrobangla Companies (Volume 1 & 2) and Compilation of Laws, Rules and Policies of BPC Companies have been published, which are effective in future planning of the respective organizations of EMRD.

6.8.2 Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2022-23	2023-24	2024-25	2025-26	2026-27		
1	2	3	4	5	6	7	8	9	10	11
1. Organize workshop and seminars	Conducting workshops/seminars, learning sessions	1	Number	12	8	12	22	22	22	24
2. Conducting research and training activities	Research paper/survey	1	Number	3	2	3	2	10	10	10

6.8.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2022-23	Budget	Revised	Medium Term Expenditure Estimates		
			2023-24		2024-25	2025-26	2026-27
1	2	3	4	5	6	7	8
Not applicable							