

Chapter : 2001 Ministry of Energy and Mineral Resources

Creation : The Ministry of Energy and Mineral Resources was established in late of 1984 and entrusted with managing and organizing the energy sector under Ministry of Energy and Mineral Resources Organization and Administration Bylaw No.(26) of 1985 in order to achieve the national objectives by assuming the responsibility for the comprehensive planning of the sector in terms of the regulation, formulation, execution and follow up the general policies, thus achieving provision of the energy needed for comprehensive sustainable development at the lowest possible cost and highest standards by the development and execution of appropriate policies, legislation and programs.

Under Article (C/1) of Law No. (17) of 2014, the Restructuring of Institutions and Government Departments. The Natural Resources Authority established under the Organization of Natural Resources Affairs Law. No (12) of 1968 was disbanded, and the Authority's rights and assets were reverted to the Ministry of Energy and Mineral Resources except organizational functions.

Following the issuance of Energy and Minerals Sector Regulatory Law No.(8) of 2017 containing in Article (4/b) that the Commission to assume tasks and powers for the granting of licenses and permits to persons working in the sector and some tasks related to that have transferred from the Ministry to the Commission for execution.

Vision : Achieving a secure sustainable supply of energy and optimal utilization of natural resources.

Mission : Preparing and developing the appropriate policies and legislations to achieve a secure sustainable supply of energy and the optimum utilization of natural resources according to the best international practices.

Legal Framework : Provisions of Administrative Organization Bylaw of Ministry of Energy and Mineral Resources No. (123) for the year 2019.

Priorities and targeted results within the determined ceilings for the years 2025 - 2027 :

First Priority :

- Achieving safe and sustainable energy supply through optimal exploitation of natural resources.

Key procedures to achieve the first priority :

- Supporting energy efficiency in medium and small industrial enterprises/preparing studies to implement energy auditing.
- Installing solar heater systems in the household sector.
- Installing solar cell systems for municipalities.

First Priority Outcomes :

- Increasing the contribution of renewable energy in electricity generation.
- Reducing the cost of energy on the beneficiaries' bill.

First priority-related program :

- Development of the energy sector.

Second Priority :

- Reducing energy consumption costs.

Key procedures to achieve the second priority :

- Supplying natural gas to industrial cities (Al-Mwaqar Industrial City, Al-Rawda Industrial City, Industrial City planned to be built in Al-Qawaira).
- Replacement of traditional lighting units with energy-efficient lighting units for municipalities and Kingdom's camps.

Second Priority Outcomes :

- Reducing energy costs on all sectors.

Second priority-related program :

- Development of the energy sector.

Priority of gender, youth and persons with disabilities :

- Providing necessary training to integrate gender, youth and persons with disabilities in the field of energy.

Key procedures to achieve the priority of gender, youth and persons with disabilities :

- Construction of the building of the Ministry of Energy and Mineral Resources.

The following outcomes are expected to be achieved for the priority of gender, youth & persons with disabilities

- Empowering and upgrading the capacities of gender, youth and persons with disabilities in the field of energy.

Priority-related program of gender, youth and persons with disabilities :

- Administration and Support Services

Priority of climate change :

- Transition towards clean energy.

Key procedures to achieve climate change-related priority :

- Preparing a road map for use and production of hydrogen.
- Shifting towards electric transportation means.
- Gradual shift towards smart networks.
- Completing installation of smart meters on distribution networks.

The following outcomes are expected to be achieved for the priority of climate change :

- Reducing carbon emissions.
- Contributing to realizing the targets of Jordan relating to pre-defined contributions.
- Attracting financing and climate and green investments.

Program of climate change-related priority :

- Development of the energy sector.

Tasks of the Ministry / Department :

- Preparing and developing the appropriate legislations and policies as per the best practices to realize the security of energy supply at sustainable manner.
- Preparing and developing the appropriate legislations and policies as per the best practices for the optimal exploitation of natural resources.

Ministry/Department Contribution to the Achievement of the National Objectives :

- Developing Jordan as a hub for industry in the region by supplying fast-growing exports with premium and high-value products (high-value industries).
- Improving the use and sustainability of Jordan's natural resources to launch comprehensive sectoral growth and improve the quality of life (sustainable resources).

Major Issues and Challenges which face the Ministry / Department :

- The Kingdom's dependence on importing to cover its needs of energy primary sources of oil and gas
- Increased electrical loss in the electricity distribution networks among which the technical loss does not constitutes a large percentage.
- Increased cost of oil barrel production from oil shale and its association with oil global prices.

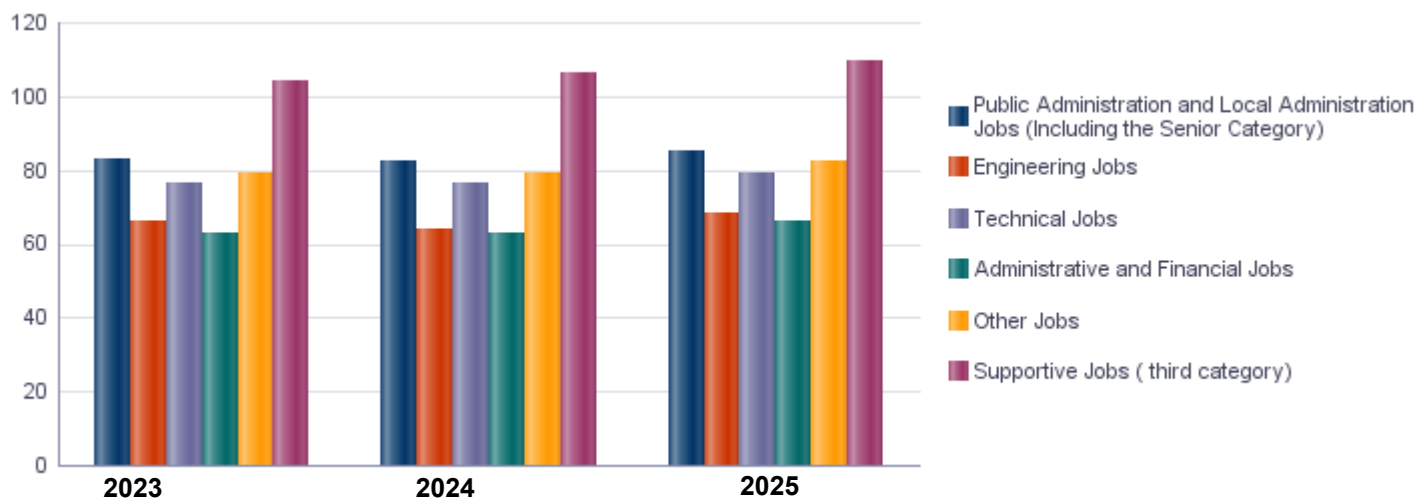
Chapter : 2001 Ministry of Energy and Mineral Resources

Strategic goals of the Ministry/ Department/ Unit and Performance Measurement Indicators

Strategic Objective	Performance Indicator	Base year	Value	Actual Value	Target Value	Preliminary Self Evaluation	Target Value		
				2023	2024	2024	2025	2026	2027
1 - Diversification of energy sources and forms.	1 Number of natural gas supply sources(cumulative).	2022	4	4	4	4	4	4	4
	2 Percentage of natural gas contribution in electricity generation.	2022	68%	61%	56%	58%	57%	58%	59%
	3 Percentage of electrical energy supply.	2022	99%	99%	99%	99%	99%	99%	99%
2 - Developing local energy sources.	1 Percentage of renewable energy contribution in power generation.	2022	27%	27%	26%	26%	26%	27%	27%
	2 Number of agreements and memorandums of understanding signed for oil and gas exploration.	2022	2	2	3	2	4	4	4
4 - Increasing investment in the mineral wealth sector.	1 Number of executive agreements signed for the exploitation of mineral resources (cumulative).	2024	-	-	2	1	2	3	3
	2 Number of ISO tests.	2022	16	18	18	18	18	18	18
5 - Increasing the efficiency of institutional performance.	1 Percentage of Budget performance (current expenditures).	2022	93%	95%	95%	95%	95%	96%	97%
	2 Percentage of Budget performance (capital expenditures).	2022	88.5%	82%	94%	85%	94%	95%	96%
	3 Percentage of partners satisfaction.	2022	87.7%	87.8%	90%	87.7%	90%	91%	92%
	5 Percentage of service recipients satisfaction.	2022	92.8%	93%	94%	93%	94%	95%	96%
	6 Percentage of employees satisfaction.	2022	89.6%	90.3%	87.5%	90.3%	91%	92%	93%

Number of Staff in the Ministry/ Department/ Unit

Group	Job	2023			2024			Preliminary 2025		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Public Administration and Local Administration Jobs (Including the Senior Category)	Supervisory and Leadership	54	29	83	53	29	82	55	30	85
Engineering Jobs	Engineer	38	28	66	36	28	64	39	29	68
Technical Jobs	Technical jobs (Programme)	42	34	76	42	34	76	44	35	79
Administrative and Financial Jobs	Administrative and Financial	25	38	63	25	38	63	27	39	66
Other Jobs	Other jobs	52	27	79	52	27	79	54	28	82
Supportive Jobs (third category)	Support employee (Driver,	100	4	104	102	4	106	104	5	109
Total		311	160	471	310	160	470	323	166	489
Total Cost of Salaries		3188688	1645774	4834462	3380979	1745021	5126000	3554447	1834553	5389000



Most notable information about the Ministry/Department/Unit

No.	Description	2021	2022	2023	2024	2025
1	Number of electronic systems in the Ministry.	16	17	18	19	20
2	Number of organizational units in the Ministry.	15	15	16	16	16
3	Number of cumulative programs in energy conservation and improving efficiency.	15	17	17	18	18
4	Number of renewable energy projects.	37	37	38	39	39

Chapter : 2001 Ministry of Energy and Mineral Resources

(In JDs)

Current Activities Appropriations According to Program							
Prog.	Activites		Actual	Estimated	Re-estimated	Estimated	Indicative
			2023	2024	2024	2025	2026
3501	601	Administrative and Support Services	6143738	6519000	6377000	6813000	6926000
		Total of Program	6143738	6519000	6377000	6813000	6926000
		Total	6143738	6519000	6377000	6813000	6926000

Capital Projects Appropriations According to Program							
Prog.	Projects		Actual	Estimated	Re-estimated	Estimated	Indicative
			2023	2024	2024	2025	2026
3505	002	Encouraging the establishment Natural Gas Distribution Network in many cities in the Kingdom/ Acquisitions.	212937	200000	200000	200000	200000
	037	Implementing energy audit studies for institutions	5220	600000	500000	500000	500000
	046	Modernizing Jordan Seismological Observatory	22170	40000	40000	40000	40000
	048	Mineral resources exploration	91968	1050000	700000	1000000	1000000
	049	Petroleum Exploration through marketing explorative areas	1487373	1500000	500000	3500000	3500000
	050	Solar panels for houses	402928	150000	150000	150000	150000
	051	Solar heaters for houses	9368	100000	100000	100000	100000
	052	Seismic and geological surveys	55500	70000	70000	120000	120000
	055	Executing the natural gas line / Sheikh Hussein Crossing	2557520	630000	600000	600000	950000
	059	Solar panels for mosques.	69258	200000	200000	200000	200000
	064	Installation of electricity by conventional electricity / Fils Al-Reef	0	2000000	2000000	2000000	2250000
	065	Installation projects of grid connected and not connected solar panels systems / Fils Al-Reef	691846	2500000	2500000	2500000	2800000
	066	Replacement of streetlights units in all the municipalities and camps of the Kingdom / Fils Al-Reef	10000000	4000000	2200000	3000000	4000000
	068	Develop production in Hamza oil field	1535453	2000000	1500000	2000000	3000000
	069	Supply a number of industrial cities with natural gas	0	8500000	4500000	500000	500000
	070	Complete the development of Assrhan field	2595729	1000000	500000	1000000	2000000
		Total of Program	19737270	24540000	16260000	17410000	21310000
3501	001	Institutional capacity-building project	1418073	1250000	950000	1000000	1050000
		Total of Program	1418073	1250000	950000	1000000	1050000
		Total	21155343	25790000	17210000	18410000	22360000

Overall Summary of Expenditures for Chapter 2001- Ministry of Energy and Mineral Resources for the Years 2023 - 2027

(In JDs)

Description	Actual	Estimated	Re-estimated	Estimated	Difference between estimated 2025 and re- estimated 2024	Indicative	
	2023	2024	2024	2025		2026	2027
Current Expenditure	6,143,738	6,519,000	6,377,000	6,813,000	436,000	6,926,000	6,997,000
Capital Expenditure	21,155,343	25,790,000	17,210,000	18,410,000	1,200,000	22,360,000	25,710,000
Total current and capital expenditure	27,299,081	32,309,000	23,587,000	25,223,000	1,636,000	29,286,000	32,707,000

Most notable differences between estimated appropriations for 2025 and re-estimated for 2024

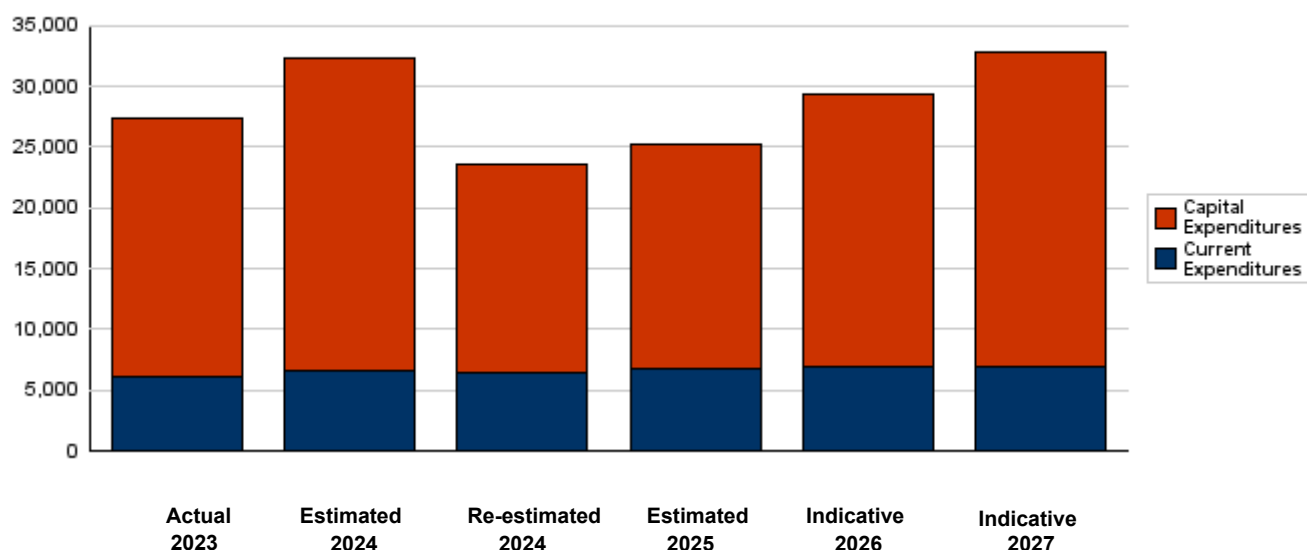
Current expenditure :

- Compensations of employees increased by (395) thousand JDs as a result of the natural increase in salaries in addition to the cost of vacancies and new jobs to be recruited in 2025.
- Operational expenditures increased by (24) thousand JDs and concentrated in judicial compensation items and fuel item.
- Other expenditure appropriations increased by 17 thousand JDs as a result of the increased in the appropriations for engineers' and geologists' bonuses item.

Capital expenditure :

- Allocations of capital projects increased by (1.2) million JDs, mainly as a result of the increase in the allocation of the petroleum exploration project through the marketing of exploration areas by (3) million JDs and the replacement of street lighting units in all municipalities and camps of the Kingdom/ Alreef Fils by (800) thousand JDs and a production development project in Hamza oil field by (500) thousand JDs and the project to complete work on the development of Al-Sarhan field at the value of (500) thousand JDs and the mineral resources exploration project by (300) thousand JDs on the one hand, and the reduction of the project to supply a number of industrial cities with natural gas by (4) million JDs on the other hand.

(Thousands of JDs) Graph of the current and capital expenditures for the years 2023 - 2027



Overall Summary of Current Expenditures for the Years 2023 - 2027

Chapter : 2001 Ministry of Energy and Mineral Resources

(In JDs)

Group	Item	Description	Actual 2023	Estimated 2024	Re-estimated 2024	Estimated 2025	Indicative 2026	Indicative 2027
21		Compensations of Employees						
2111		Salaries, Wages and Allowances						
	101	Classified Employees	9968	10000	6000	5000	5000	5000
	102	Unclassified Employees	672182	660000	657000	655000	665000	675000
	103	Comprehensive Contract Employees	66563	92000	75000	95000	0	0
	105	Personal Cost of Living Allowance	640427	700000	656000	660000	670000	680000
	106	Family Cost of Living Allowance	53362	61000	55000	56000	57000	58000
	110	Overtime Allowance	42015	60000	60000	80000	80000	80000
	111	Additional Allowance	1007976	1051000	1035000	1050000	1066000	1082000
	113	Transportation Allowance	115207	130000	130000	140000	143000	146000
	114	Transport Allowance	46020	50000	50000	55000	57000	59000
	115	Field Visit Allowance	9888	9000	9000	20000	20000	20000
	116	Employees' Bonuses	1364788	1390000	1390000	1525000	1525000	1525000
	120	Contract Employees	322115	392000	368000	380000	386000	392000
	121	Fixed-term staff	0	0	0	131000	229000	232000
Total			4350511	4605000	4491000	4852000	4903000	4954000
2121		Social Security Contributions						
	301	Social Security	483951	521000	503000	537000	545000	557000
Total			483951	521000	503000	537000	545000	557000
22		Use of Goods and Services						
2211		Use of Goods and Services						
	202	Telecommunications Services	15070	15000	15000	15000	15000	15000
	203	Water	15984	15000	15000	15000	15000	15000
	204	Electricity	187114	190000	190000	190000	195000	200000
	205	Fuels	157580	150000	150000	160000	163000	166000
	206	Maintenance of Machines, furniture and acces	24991	30000	30000	30000	30000	30000
	207	Maintenance of vehicles, equipment and acces	65091	70000	65000	65000	65000	65000
	208	Repair and maintenance of buildings and acce	35159	50000	45000	45000	45000	45000
	209	Stationery,Publications and Office Supplies	22814	35000	35000	30000	30000	30000
	210	Substances and raw materials (medicines, clo	12521	10000	10000	15000	15000	15000
	211	Cleaning services and supplies including clea	96968	100000	100000	104000	110000	110000
	212	Insurance	33557	50000	50000	50000	50000	50000
	213	Official Travel Missions	123958	100000	100000	100000	100000	100000
	214	Goods and services expenses	367538	385000	385000	395000	435000	435000
Total			1158345	1200000	1190000	1214000	1268000	1276000
28		Other Expenditures						
2821		Other Current Expenditures						
	302	Contributions	14908	30000	30000	30000	30000	30000
	303	Scientific scholarships and training courses	23615	27000	27000	27000	27000	27000
	305	Non-Employees' Bonuses	112408	136000	136000	153000	153000	153000
Total			150931	193000	193000	210000	210000	210000
Total of Chapter			6143738	6519000	6377000	6813000	6926000	6997000

Overall Summary of Capital Expenditures for the Years 2023 - 2027

Chapter : 2001 Ministry of Energy and Mineral Resources

(In JDs)

Group	Item	Description	Actual 2023	Estimated 2024	Re-estimated 2024	Estimated 2025	Indicative 2026	Indicative 2027
		Expenditures						
22		Use of Goods and Services						
2211		Use of Goods and Services						
	510	Buildings and facilities repair and maintenance	0	50000	50000	50000	50000	50000
	512	Operating and Sustaining Expenditures	19649	170000	170000	100000	150000	150000
Total			19649	220000	220000	150000	200000	200000
28		Other Expenditures						
2822		Other Capital Expenditures						
	504	Studies, Research and Consultations	1068038	2250000	1330000	2000000	2350000	2500000
Total			1068038	2250000	1330000	2000000	2350000	2500000
		Fixed Assets						
31		Non-financial Assets						
3111		Buildings and Constructions						
	508	Works and Constructions	5518555	14280000	8730000	8130000	10480000	11380000
Total			5518555	14280000	8730000	8130000	10480000	11380000
3112		Devices, Machinery and Equipment						
	505	Equipment, Machines and Devices	11565621	7660000	5750000	6550000	8000000	9750000
	506	Vehicles and Equipment	165000	450000	300000	600000	0	0
Total			11730621	8110000	6050000	7150000	8000000	9750000
3113		Other Fixed Assets						
	511	Equipping and furnishing	4132	10000	5000	5000	0	0
Total			4132	10000	5000	5000	0	0
3122		Inventories						
	503	Materials and supplies	43891	90000	75000	75000	80000	80000
Total			43891	90000	75000	75000	80000	80000
3141		Lands						
	507	Lands	2770457	830000	800000	900000	1250000	1800000
Total			2770457	830000	800000	900000	1250000	1800000
Total of Chapter			21155343	25790000	17210000	18410000	22360000	25710000

Appropriations directed for females and child according to chapter : 2001 Ministry of Energy and Mineral Resources

(In JDs)

Description	2023	2024	2025	2026	2027
Females	1,645,774	1,745,021	1,834,553	1,854,638	1,876,085
Child	0	0	0	0	0
Appropriations distributed according to population index					
Females	10,558,371	12,776,010	9,321,980	11,203,860	12,782,120
Child	8,087,263	9,785,880	7,140,240	8,581,680	9,790,560
Total appropriations directed for females	12,204,145	14,521,031	11,156,533	13,058,498	14,658,205
Total appropriations directed for Child	8,087,263	9,785,880	7,140,240	8,581,680	9,790,560

3501 Program Administration and Support Services**Objective of the program :**

- Developing the Ministry's strategies and decision making and taking mechanisms.
- Upgrading the efficiency of financial performance and internal control.
- Increasing the effectiveness of institutional development, IT, communication and administrative services.
- Developing Human resources and stimulating capacity-building.

The strategic objective related to the program :

- Upgrading the efficiency of institutional performance.

Directorates associated with the program :

- Institutional Planning and Development Directorate.
- Financial Affairs Directorate.
- Human Resources & Administration Directorate.
- Internal Control Unit.
- Information Technology Directorate.
- Legal Affairs Directorate.
- Support Services Directorate.

Services provided by the program :

- Enhancing the Ministry's institutional environment.
- Providing the support for the different activities of the Ministry.
- Providing the administrative infrastructure such as the computerization of the Ministry's works.
- Providing transport means for the employees and projects.
- Providing different equipment and furniture.
- Allocating financial appropriations for all Ministry's projects.
- Developing operations and services.
- Managing innovation.
- Providing necessary legal services and consultations.

Program's main outputs and results during the years (2025 -2027):

- Efficiency in the use of resources.
- Developing the skills and abilities of the staff, which will raise their level of creativity and innovation.

The Program's challenges :

- The need for financial allocations.

Actions to address challenges and improve services provided:

- Providing financial allocations for the development of institutional performance.
- Cooperation with the private sector.
- Strengthening of spending control mechanisms.

Staff working in the program :

The program is implemented through a functional staff in 2024 estimated with (470) staff, including (310) males and (160) females

Appropriations directed for females and child**(In JDs)**

Description	2023	2024	2025	2026	2027
Females	1,645,774	1,745,021	1,834,553	1,854,638	1,876,085
Child	0	0	0	0	0
Appropriations directed according to population index					
Females	1,281,854	1,242,210	1,139,280	1,188,160	1,215,420
Child	981,846	951,480	872,640	910,080	930,960
Total appropriations directed for females	2,927,628	2,987,231	2,973,833	3,042,798	3,091,505
Total appropriations directed for Child	981,846	951,480	872,640	910,080	930,960

3501 Program Administration and Support Services**Key Performance Indicators for Program**

Performance Measurement Indicator		Base Year	Value	Actual value	Target value	Preliminary Self Evaluation	Target Value		
				2023	2024	2024	2025	2026	2027
1	Number of committees of partnership with the private sector and universities to develop the energy and mineral resources sector.	2022	4	4	4	4	5	5	5
2	Average training hours for each employee	2022	30	30	30	30	30	30	30
3	Percentage of availability of information and communication technology services	2022	95%	95%	95%	95%	95%	95%	95%
4	Number of electronic systems	2022	17	18	19	19	20	20	21

Appropriations 3501 Program Administration and Support Services Per Activities and Projects

(In JDs)

Activities and Projects		Actual 2023	Estimated 2024	Re-estimated 2024	Estimated 2025	Indicative 2026 2027	
Current Expenditures		6,143,738	6,519,000	6,377,000	6,813,000	6,926,000	6,997,000
601	Administrative and Support Services	6,143,738	6,519,000	6,377,000	6,813,000	6,926,000	6,997,000
Capital Expenditures		1,418,073	1,250,000	950,000	1,000,000	1,050,000	1,100,000
001	Institutional capacity-building project	1,418,073	1,250,000	950,000	1,000,000	1,050,000	1,100,000
Program / Treasury		1,418,073	1,250,000	950,000	1,000,000	1,050,000	1,100,000
Total Program		7,561,811	7,769,000	7,327,000	7,813,000	7,976,000	8,097,000

Current Expenditures According to Program and Activities for the Years 2023 - 2027

Chapter : 2001 - Ministry of Energy and Mineral Resources

(In JDs)

Program : 3501 - Administration and Support Services								
Activity : 601 - Administrative and Support Services								
Group	Item	Description	Actual 2023	Estimated 2024	Re-estimated 2024	Estimated 2025	Indicative 2026	Indicative 2027
21		Compensations of Employees						
2111		Salaries, Wages and Allowances						
	101	Classified Employees	9968	10000	6000	5000	5000	5000
	102	Unclassified Employees	672182	660000	657000	655000	665000	675000
	103	Comprehensive Contract Employees	66563	92000	75000	95000	0	0
	105	Personal Cost of Living Allowance	640427	700000	656000	660000	670000	680000
	106	Family Cost of Living Allowance	53362	61000	55000	56000	57000	58000
	110	Overtime Allowance	42015	60000	60000	80000	80000	80000
	111	Additional Allowance	1007976	1051000	1035000	1050000	1066000	1082000
	113	Transportation Allowance	115207	130000	130000	140000	143000	146000
	114	Transport Allowance	46020	50000	50000	55000	57000	59000
	115	Field Visit Allowance	9888	9000	9000	20000	20000	20000
	116	Employees' Bonuses	1364788	1390000	1390000	1525000	1525000	1525000
	120	Contract Employees	322115	392000	368000	380000	386000	392000
	121	Fixed-term staff	0	0	0	131000	229000	232000
Total			4350511	4605000	4491000	4852000	4903000	4954000
2121		Social Security Contributions						
	301	Social Security	483951	521000	503000	537000	545000	557000
Total			483951	521000	503000	537000	545000	557000
22		Use of Goods and Services						
2211		Use of Goods and Services						
	202	Telecommunications Services	15070	15000	15000	15000	15000	15000
	203	Water	15984	15000	15000	15000	15000	15000
	204	Electricity	187114	190000	190000	190000	195000	200000
	205	Fuels	157580	150000	150000	160000	163000	166000
	001	Heating	38181	40000	40000	50000	51000	52000
	002	Saloon vehicles	54694	55000	55000	55000	56000	57000
	003	Transport vehicles and heavy equipment	64705	55000	55000	55000	56000	57000
	206	Maintenance of Machines, furniture and accessories	24991	30000	30000	30000	30000	30000
	207	Maintenance of vehicles, equipment and accessories	65091	70000	65000	65000	65000	65000
	208	Repair and maintenance of buildings and accessories	35159	50000	45000	45000	45000	45000
	209	Stationery, Publications and Office Supplies	22814	35000	35000	30000	30000	30000
	210	Substances and raw materials (medicines, clothes, food, films, etc..)	12521	10000	10000	15000	15000	15000
	211	Cleaning services and supplies including cleaning contracts	96968	100000	100000	104000	110000	110000
	212	Insurance	33557	50000	50000	50000	50000	50000
	213	Official Travel Missions	123958	100000	100000	100000	100000	100000
	214	Goods and services expenses	367538	385000	385000	395000	435000	435000
	001	Events and hospitality	15531	20000	20000	20000	20000	20000
	008	Advertisements and subscriptions	146000	155000	155000	155000	155000	155000
	013	Services, security and guarding contracts	91913	140000	140000	140000	160000	160000
	028	Professional services expenditures	19673	30000	30000	30000	30000	30000
	058	Judicial compensations	94421	40000	40000	50000	70000	70000
Total			1158345	1200000	1190000	1214000	1268000	1276000
28		Other Expenditures						
2821		Other Current Expenditures						
	302	Contributions	14908	30000	30000	30000	30000	30000
	303	Scientific scholarships and training courses	23615	27000	27000	27000	27000	27000
	305	Non-Employees' Bonuses	112408	136000	136000	153000	153000	153000
	000	Non-employees' bonuses	54856	70000	70000	70000	70000	70000
	012	Bonuses of engineers and geologists	57552	66000	66000	83000	83000	83000
Total			150931	193000	193000	210000	210000	210000
Total of Activity			6143738	6519000	6377000	6813000	6926000	6997000
Total of Program			6143738	6519000	6377000	6813000	6926000	6997000
Total of Chapter			6143738	6519000	6377000	6813000	6926000	6997000

Capital Expenditures According to Program and Projects for the Years 2023 - 2027

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(In JDs)

Program 3501 Administration and Support Services								
Project		001 Institutional capacity-building project						
Fund Source		102001 Capital (Treasury)						
Group	item	Description	Actual 2023	Estimated 2024	Re-estimated 2024	Estimated 2025	Indicative 2026	Indicative 2027
22		Use of Goods and Services						
2211		Use of Goods and Services						
	510	Buildings and facilities repair and maintenance						
	008	Buildings and facilities maintenance	0	50000	50000	50000	50000	50000
		Total of Item	0	50000	50000	50000	50000	50000
	512	Operating and Sustaining Expenditures						
	009	Fees	19649	70000	70000	50000	100000	100000
	035	Technical and administrative support	0	100000	100000	50000	50000	50000
		Total of Item	19649	170000	170000	100000	150000	150000
28		Other Expenditures						
2822		Other Capital Expenditures						
	504	Studies, Research and Consultations						
	014	Studies, researches and design	815350	100000	80000	75000	75000	75000
		Total of Item	815350	100000	80000	75000	75000	75000
31		Non-financial Assets						
3111		Buildings and Constructions						
	508	Works and Constructions						
	013	Construction of buildings	0	30000	30000	30000	30000	30000
		Total of Item	0	30000	30000	30000	30000	30000
3112		Devices, Machinery and Equipment						
	505	Equipment, Machines and Devices						
	001	Computers and accessories	26694	20000	20000	20000	20000	20000
	003	Office supplies and equipment	4010	10000	5000	10000	10000	10000
	006	Public safety devices and equipment	3928	10000	5000	10000	10000	10000
	009	Laboratories and Measurement Devices	264940	350000	250000	200000	300000	300000
	023	Electrical devices and equipment	0	0	0	25000	25000	25000
	045	Geological devices	0	130000	130000	100000	100000	100000
	069	Modernizing and developing devices and equipment	70479	130000	130000	150000	200000	250000
		Total of Item	370051	650000	540000	515000	665000	715000
	506	Vehicles and Equipment						
	005	Medium-size passenger buses	165000	150000	0	150000	0	0
		Total of Item	165000	150000	0	150000	0	0
3113		Other Fixed Assets						
	511	Equipping and furnishing						
	006	Furnishing and equipping the buildings and facilities	4132	10000	5000	5000	0	0
		Total of Item	4132	10000	5000	5000	0	0
3122		Inventories						
	503	Materials and supplies						
	006	Laboratories supplies and materials	26955	50000	50000	50000	50000	50000
	019	Spare parts supplies	16936	40000	25000	25000	30000	30000
		Total of Item	43891	90000	75000	75000	80000	80000
		Total of Project / Treasury	1418073	1250000	950000	1000000	1050000	1100000
		Total of Program	1418073	1250000	950000	1000000	1050000	1100000

3505 Program Energy Sector Development**Objective of the program :**

- Developing the oil sector and preserving natural gas supply security.
- Preserving the electric energy supply security.
- Expanding the exploitation of renewable energy sources.
- Developing the exploration areas for excavating traditional and non-traditional oil, gas and oil shale.
- Increasing the accuracy and quality of lab tests.

The strategic objective related to the program :

- Diversification of energy sources.
- Development of local energy sources.
- Increasing investment in the mineral wealth sector.

Directorates associated with the program :

- Electricity & Al-Reef Electricity Directorate.
- Petroleum & Natural Gas Directorate.
- Renewable Energy & Energy Efficiency Directorate.
- Laboratories & Quality Control Directorate.
- Renewable Energy Promotion & energy Rationalization Fund.
- Natural Sources Projects Directorate.
- Natural Sources Studies Directorate.
- Institutional Planning and Development Directorate.

Services provided by the program :

- Achieving energy supply security.
- Diversification of energy sources and forms.
- Creating opportunities and encouraging the private sector to invest in infrastructure projects.

Program's main outputs and results during the years (2025 -2027):

- Increased proportion of renewable energy's contribution to electricity generation.
- Completion of the installation of smart meters for all consumers (100%) until 2026.

The Program's challenges :

- The need for financial allocations.
- The need to develop the infrastructure of the electrical grid.
- Lack of advanced technologies to store surplus generating energy from renewable energy projects.

Actions to address challenges and improve services provided:

- Work on the time-related tariff project to reduce the burden on the electrical grid.
- Work on installing smart meters for subscribers to monitor loads on the electric grid.

Staff working in the program :

This program is implemented through the Ministry's staff.

Appropriations directed for females and child

(In JDs)

Description	2023	2024	2025	2026	2027
Females	0	0	0	0	0
Child	0	0	0	0	0
Appropriations directed according to population index					
Females	9,276,517	11,533,800	8,182,700	10,015,700	11,566,700
Child	7,105,417	8,834,400	6,267,600	7,671,600	8,859,600
Total appropriations directed for females	9,276,517	11,533,800	8,182,700	10,015,700	11,566,700
Total appropriations directed for Child	7,105,417	8,834,400	6,267,600	7,671,600	8,859,600

Key Performance indicators for Program

Performance Measurement Indicator		Base Year	Value	Actual value 2023	Target value 2024	Preliminary Self Evaluation 2024	Target Value		
				2023	2024	2024	2025	2026	2027
1	Percentage of electrical energy supply.	2022	99%	99%	99%	99%	99%	99%	99%
2	Number of direct linkage with the neighbouring countries	2022	5	4	6	4	5	5	5
3	Number of natural gas supply sources	2022	4	4	4	4	4	4	4
4	Number of checks certified to ISO	2022	16	18	18	18	18	18	18

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3505 Program Energy Sector Development

Appropriations 3505 Program Energy Sector Development Per Activities and Projects

(In JDs)

Activities and Projects		Actual 2023	Estimated 2024	Re-estimated 2024	Estimated 2025	Indicative 2026 2027	
Current Expenditures		0	0	0	0	0	0
Capital Expenditures		19,737,270	24,540,000	16,260,000	17,410,000	21,310,000	24,610,000
002	Encouraging the establishment Natural Gas Distribution Network in many cities in the Kingdom/ Acquisitions.	212,937	200,000	200,000	200,000	200,000	200,000
037	Implementing energy audit studies for institutions	5,220	600,000	500,000	500,000	500,000	300,000
046	Modernizing Jordan Seismological Observatory	22,170	40,000	40,000	40,000	40,000	40,000
048	Mineral resources exploration	91,968	1,050,000	700,000	1,000,000	1,000,000	1,000,000
049	Petroleum Exploration through marketing explorative areas	1,487,373	1,500,000	500,000	3,500,000	3,500,000	3,500,000
050	Solar panels for houses	402,928	150,000	150,000	150,000	150,000	150,000
051	Solar heaters for houses	9,368	100,000	100,000	100,000	100,000	100,000
052	Seismic and geological surveys	55,500	70,000	70,000	120,000	120,000	120,000
055	Executing the natural gas line / Sheikh Hussein Crossing	2,557,520	630,000	600,000	600,000	950,000	1,500,000
059	Solar panels for mosques.	69,258	200,000	200,000	200,000	200,000	200,000
064	Installation of electricity by conventional electricity / Fils Al-Reef	0	2,000,000	2,000,000	2,000,000	2,250,000	2,500,000
065	Installation projects of grid connected and not connected solar panels systems / Fils Al-Reef	691,846	2,500,000	2,500,000	2,500,000	2,800,000	3,500,000
066	Replacement of streetlights units in all the municipalities and camps of the Kingdom / Fils Al-Reef	10,000,000	4,000,000	2,200,000	3,000,000	4,000,000	5,000,000
068	Develop production in Hamza oil field	1,535,453	2,000,000	1,500,000	2,000,000	3,000,000	3,000,000
069	Supply a number of industrial cities with natural gas	0	8,500,000	4,500,000	500,000	500,000	500,000
070	Complete the development of Assrhan field	2,595,729	1,000,000	500,000	1,000,000	2,000,000	3,000,000
Program / Treasury		19,737,270	24,540,000	16,260,000	17,410,000	21,310,000	24,610,000
Total Program		19,737,270	24,540,000	16,260,000	17,410,000	21,310,000	24,610,000

Capital Expenditures According to Program and Projects for the Years 2023 - 2027

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(In JDs)

Program 3505 Energy Sector Development								
Project		002 Encouraging the establishment Natural Gas Distribution Network in many cities in the Kingdom/ Acquisitions.						
Fund Source		102001	Capital (Treasury)					
Group	item	Description	Actual 2023	Estimated 2024	Re-estimated 2024	Estimated 2025	Indicative 2026	Indicative 2027
31		Non-financial Assets						
3141		Lands						
	507	Lands						
	001	Lands expropriation and purchase	212937	200000	200000	200000	200000	200000
		Total of Item	212937	200000	200000	200000	200000	200000
		Total of Project / Treasury	212937	200000	200000	200000	200000	200000
Project		037 Implementing energy audit studies for institutions						
Fund Source		102001	Capital (Treasury)					
Group	item	Description	Actual 2023	Estimated 2024	Re-estimated 2024	Estimated 2025	Indicative 2026	Indicative 2027
28		Other Expenditures						
2822		Other Capital Expenditures						
	504	Studies, Research and Consultations						
	014	Studies, researches and design	5220	600000	500000	500000	500000	300000
		Total of Item	5220	600000	500000	500000	500000	300000
		Total of Project / Treasury	5220	600000	500000	500000	500000	300000
Project		046 Modernizing Jordan Seismological Observatory						
Fund Source		102001	Capital (Treasury)					
Group	item	Description	Actual 2023	Estimated 2024	Re-estimated 2024	Estimated 2025	Indicative 2026	Indicative 2027
31		Non-financial Assets						
3112		Devices, Machinery and Equipment						
	505	Equipment, Machines and Devices						
	044	Earthquakes seismograph devices	22170	40000	40000	40000	40000	40000
		Total of Item	22170	40000	40000	40000	40000	40000
		Total of Project / Treasury	22170	40000	40000	40000	40000	40000
Project		048 Mineral resources exploration						
Fund Source		102001	Capital (Treasury)					
Group	item	Description	Actual 2023	Estimated 2024	Re-estimated 2024	Estimated 2025	Indicative 2026	Indicative 2027
28		Other Expenditures						
2822		Other Capital Expenditures						
	504	Studies, Research and Consultations						
	014	Studies, researches and design	91968	400000	50000	150000	150000	150000
		Total of Item	91968	400000	50000	150000	150000	150000
31		Non-financial Assets						
3111		Buildings and Constructions						
	508	Works and Constructions						
	016	Construction of excavations and wells	0	350000	350000	400000	850000	850000
		Total of Item	0	350000	350000	400000	850000	850000
3112		Devices, Machinery and Equipment						
	506	Vehicles and Equipment						
	022	Drill	0	300000	300000	450000	0	0
		Total of Item	0	300000	300000	450000	0	0
		Total of Project / Treasury	91968	1050000	700000	1000000	1000000	1000000

Capital Expenditures According to Program and Projects for the Years 2023 - 2027

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(In JDs)

Program 3505 Energy Sector Development								
Project 049 Petroleum Exploration through marketing explorative areas								
Fund Source 102001 Capital (Treasury)								
Group	item	Description	Actual 2023	Estimated 2024	Re-estimated 2024	Estimated 2025	Indicative 2026	Indicative 2027
28		Other Expenditures						
2822		Other Capital Expenditures						
	504	Studies, Research and Consultations						
	014	Studies, researches and design	0	500000	50000	500000	500000	500000
		Total of Item	0	500000	50000	500000	500000	500000
31		Non-financial Assets						
3111		Buildings and Constructions						
	508	Works and Constructions						
	040	Constructions	1487373	1000000	450000	3000000	3000000	3000000
		Total of Item	1487373	1000000	450000	3000000	3000000	3000000
		Total of Project / Treasury	1487373	1500000	500000	3500000	3500000	3500000
Project 050 Solar panels for houses								
Fund Source 102001 Capital (Treasury)								
Group	item	Description	Actual 2023	Estimated 2024	Re-estimated 2024	Estimated 2025	Indicative 2026	Indicative 2027
31		Non-financial Assets						
3112		Devices, Machinery and Equipment						
	505	Equipment, Machines and Devices						
	069	Modernizing and developing devices and equipment	402928	150000	150000	150000	150000	150000
		Total of Item	402928	150000	150000	150000	150000	150000
		Total of Project / Treasury	402928	150000	150000	150000	150000	150000
Project 051 Solar heaters for houses								
Fund Source 102001 Capital (Treasury)								
Group	item	Description	Actual 2023	Estimated 2024	Re-estimated 2024	Estimated 2025	Indicative 2026	Indicative 2027
31		Non-financial Assets						
3112		Devices, Machinery and Equipment						
	505	Equipment, Machines and Devices						
	069	Modernizing and developing devices and equipment	9368	100000	100000	100000	100000	100000
		Total of Item	9368	100000	100000	100000	100000	100000
		Total of Project / Treasury	9368	100000	100000	100000	100000	100000
Project 052 Seismic and geological surveys								
Fund Source 102001 Capital (Treasury)								
Group	item	Description	Actual 2023	Estimated 2024	Re-estimated 2024	Estimated 2025	Indicative 2026	Indicative 2027
28		Other Expenditures						
2822		Other Capital Expenditures						
	504	Studies, Research and Consultations						
	014	Studies, researches and design	55500	50000	50000	75000	75000	75000
		Total of Item	55500	50000	50000	75000	75000	75000
31		Non-financial Assets						
3112		Devices, Machinery and Equipment						
	505	Equipment, Machines and Devices						
	069	Modernizing and developing devices and equipment	0	20000	20000	45000	45000	45000
		Total of Item	0	20000	20000	45000	45000	45000
		Total of Project / Treasury	55500	70000	70000	120000	120000	120000

Capital Expenditures According to Program and Projects for the Years 2023 - 2027

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(In JDs)

Program 3505 Energy Sector Development								
Project		055 Executing the natural gas line / Sheikh Hussein Crossing						
Fund Source		102001	Capital (Treasury)					
Group	item	Description	Actual 2023	Estimated 2024	Re-estimated 2024	Estimated 2025	Indicative 2026	Indicative 2027
31		Non-financial Assets						
3141		Lands						
	507	Lands						
	001	Lands expropriation and purchase	2557520	630000	600000	600000	950000	1500000
		Total of Item	2557520	630000	600000	600000	950000	1500000
		Total of Project / Treasury	2557520	630000	600000	600000	950000	1500000
Project		059 Solar panels for mosques.						
Fund Source		102001	Capital (Treasury)					
Group	item	Description	Actual 2023	Estimated 2024	Re-estimated 2024	Estimated 2025	Indicative 2026	Indicative 2027
31		Non-financial Assets						
3112		Devices, Machinery and Equipment						
	505	Equipment, Machines and Devices						
	069	Modernizing and developing devices and equipment	69258	200000	200000	200000	200000	200000
		Total of Item	69258	200000	200000	200000	200000	200000
		Total of Project / Treasury	69258	200000	200000	200000	200000	200000
Project		064 Installation of electricity by conventional electricity / Fils Al-Reef						
Fund Source		102001	Capital (Treasury)					
Group	item	Description	Actual 2023	Estimated 2024	Re-estimated 2024	Estimated 2025	Indicative 2026	Indicative 2027
31		Non-financial Assets						
3111		Buildings and Constructions						
	508	Works and Constructions						
	040	Constructions	0	2000000	2000000	2000000	2250000	2500000
		Total of Item	0	2000000	2000000	2000000	2250000	2500000
		Total of Project / Treasury	0	2000000	2000000	2000000	2250000	2500000
Project		065 Installation projects of grid connected and not connected solar panels systems / Fils Al-Reef						
Fund Source		102001	Capital (Treasury)					
Group	item	Description	Actual 2023	Estimated 2024	Re-estimated 2024	Estimated 2025	Indicative 2026	Indicative 2027
31		Non-financial Assets						
3112		Devices, Machinery and Equipment						
	505	Equipment, Machines and Devices						
	062	Solar cells systems and equipment	691846	2500000	2500000	2500000	2800000	3500000
		Total of Item	691846	2500000	2500000	2500000	2800000	3500000
		Total of Project / Treasury	691846	2500000	2500000	2500000	2800000	3500000
Project		066 Replacement of streetlights units in all the municipalities and camps of the Kingdom / Fils Al-Reef						
Fund Source		102001	Capital (Treasury)					
Group	item	Description	Actual 2023	Estimated 2024	Re-estimated 2024	Estimated 2025	Indicative 2026	Indicative 2027
31		Non-financial Assets						
3112		Devices, Machinery and Equipment						
	505	Equipment, Machines and Devices						
	055	Technical devices	10000000	4000000	2200000	3000000	4000000	5000000
		Total of Item	10000000	4000000	2200000	3000000	4000000	5000000
		Total of Project / Treasury	10000000	4000000	2200000	3000000	4000000	5000000

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(In JDs)

Program 3505 Energy Sector Development								
Project		068 Develop production in Hamza oil field						
Fund Source		102001	Capital (Treasury)					
Group	item	Description	Actual 2023	Estimated 2024	Re-estimated 2024	Estimated 2025	Indicative 2026	Indicative 2027
28		Other Expenditures						
2822		Other Capital Expenditures						
	504	Studies, Research and Consultations						
	014	Studies, researches and design	0	500000	500000	500000	750000	1000000
		Total of Item	0	500000	500000	500000	750000	1000000
31		Non-financial Assets						
3111		Buildings and Constructions						
	508	Works and Constructions						
	040	Constructions	1535453	1500000	1000000	1500000	2250000	2000000
		Total of Item	1535453	1500000	1000000	1500000	2250000	2000000
		Total of Project / Treasury	1535453	2000000	1500000	2000000	3000000	3000000
Project		069 Supply a number of industrial cities with natural gas						
Fund Source		102001	Capital (Treasury)					
Group	item	Description	Actual 2023	Estimated 2024	Re-estimated 2024	Estimated 2025	Indicative 2026	Indicative 2027
31		Non-financial Assets						
3111		Buildings and Constructions						
	508	Works and Constructions						
	075	Natural Gaz Supply	0	8500000	4500000	400000	400000	400000
		Total of Item	0	8500000	4500000	400000	400000	400000
3141		Lands						
	507	Lands						
	001	Lands expropriation and purchase	0	0	0	100000	100000	100000
		Total of Item	0	0	0	100000	100000	100000
		Total of Project / Treasury	0	8500000	4500000	500000	500000	500000
Project		070 Complete the development of Assrhan field						
Fund Source		102001	Capital (Treasury)					
Group	item	Description	Actual 2023	Estimated 2024	Re-estimated 2024	Estimated 2025	Indicative 2026	Indicative 2027
28		Other Expenditures						
2822		Other Capital Expenditures						
	504	Studies, Research and Consultations						
	014	Studies, researches and design	100000	100000	100000	200000	300000	400000
		Total of Item	100000	100000	100000	200000	300000	400000
31		Non-financial Assets						
3111		Buildings and Constructions						
	508	Works and Constructions						
	016	Construction of excavations and wells	2495729	900000	400000	800000	1700000	2600000
		Total of Item	2495729	900000	400000	800000	1700000	2600000
		Total of Project / Treasury	2595729	1000000	500000	1000000	2000000	3000000
Total of Program			19737270	24540000	16260000	17410000	21310000	24610000
Total of Chapter			21155343	25790000	17210000	18410000	22360000	25710000