Chapter: 2001 Ministry of Energy and Mineral Resources

Creation: The Ministry of Energy and Mineral Resources was established in late 1984 and entrusted with administering 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 overall planning of the sector in terms of the regulation and development, execution and follow up of general policies, thus achieving supplying 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 Law No. (17) of 2014, the Restructuring of Institutions and Government Departments paragraph C/1. 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 Regulatory Commission Law No.(8) of 2017 containing in Article (4/b) that the Commission to assume functions and powers for the granting of licenses and permits to persons working in the sector and some functions related to that have transferred from the Ministry to the Commission for execution. The administrative organization bylaw of the Ministry of Energy and Mineral Resources No. (123) of 2019 was issued and in consequence, amendments to the organizational structure and functions of the organizational units.

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

Mission: Setting 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 Ministry Organization and Administration Bylaw No. (26) 1985

Tasks of the Ministry / Department:

- Setting and developing the appropriate policies and legislations complies with international best practices to achieve a secure sustainable supply of energy and the optimum utilization of natural resources.

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

- _ Achieve the sustained growth rates to ensure a good standard of living for all citizens
- Create an attractive investment environment capable of attracting the foreign capital and encourage local investment.
- Improve the level of services provided for citizens and fairness in their distribution
- Reduce levels of poverty and unemployment and build an effective social protection system.
- Build a generation able to creativity and innovation with high productivity.

Major Issues and Challenges which face the Ministry / Department:

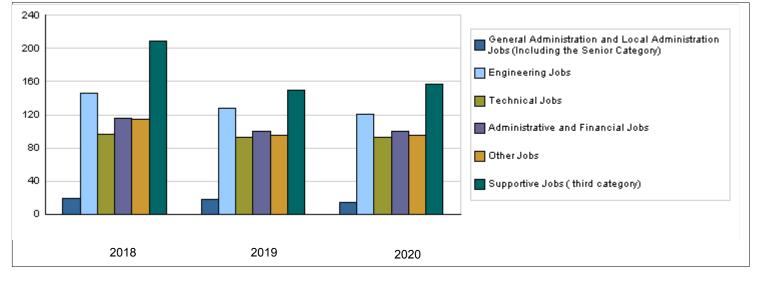
- Lack of domestic commercial sources of energy and reliance on imports.
- The annual high cost of importing energy
- High growth rates in demand of energy due to population increase
- The magnitude of the necessary investment size in energy industry and its facilities
- The need to invest in the Mining Sector

CHAPTER : 2001 Ministry of Energy and Mineral Resources

Strate	gic	Objectives and Performance	e Indic	cators o	f the Mi	inistry /	Departr	nent		
			Base		Actual Value	Target Value	Preliminary Self Evaluation	Та	arget Value	9
Strategic Objective		Performance Indicator	year	Value	2018	2019	2019	2020	2021	2022
1 - To diversify energy sources	1	Number of energy types in the overall energy mix (crude oil and its derivatives, natural gas, renewable energy, coal, electrical energy imported, oil shale in 2020)	2018	5	5	5	5	6	6	6
		Percentage of oil and its derivatives contribution in the overall energy mix	2018	%54	%54	%52	%52	%51	%51	%51
	3	Percentage of natural gas contribution in the overall energy mix	2018	%35	%35	%36	%36	%38	%%39	%40
	4	Percentage of imported coal contribution	2018	%3	%3	%3	%3	%4	%4	%4
	5	Percentage of natural gas contribution to power generation	2018	%88	%88	%85	%80	%74	%60	%49
	6	Electric power supply insurance rate	2018	%99	%99	%100	%99	%99	%99	%99
	7	Number of power supply sources (cumulative)	2018	3	3	3	3	4	4	4
2 - To develop indigenous energy sources	1	Percentage of renewable energy contribution in power generation	2018	%11	%11	%15	%13	%20	%22	%24
	2	Number of renewable energy projects	2018	21	21	32	32	37	37	37
	3	Percentage of oil shale contribution in the overall energy mix	2018	-	-	-	-	%6	%6	%6
	4	Percentage of shale contribution in power generation	2018	-	-	-	-	%14	%14	%14
	5	Number of operating oil wells	2018	3	3	3	3	4	5	6
	6	Number of operating gas wells	2018	15	15	18	18	27	27	27
3 - To rationalize energy consumption and improve its efficiency	1	Percentage of energy rationalization and improving its efficiency by referring to 2007 consumption and (2014) as the base year	2018	%7.1	%7.1	%12	%12	%18	%20	%22
4 - To increase the investment in the minerals resources sector	1	Number of memorandum of understanding signed in particular	2018	1	1	4	4	2	2	2
5 - To monitor, analyse and evaluate seismic information	1	Percentage of coverage of local seismic activities	2018	%70	%70	%80	%80	%90	%100	%100
6 - To improve the efficiency of institutional performance	1	Percentage of deviation in the current expenditure budget of the target.	2018	%1	%1	%1	%1	%2	%2	%2
	2	Percentage of deviation in the capital expenditure budget of the target	2018	%2	%2	%2	%2	%4	%6	%6
	3	Budget performance percentage (current expenditures)	2018	%96	%96	%96	%97	%98	%98	%98
	4	Budget performance percentage (capital expenditures)	2018	%85	%85	%85	%87	%89	%91	%93
	5	Number of requests for clarification by the Audit Bureau	2018	14	14	-	-	-	-	-

Strate	gic	Objectives and Performanc	e Indio	cators o	f the Mi	nistry /	Departr	nent		
Strategic Objective		Performance Indicator	Base year	Value	Actual Value	Target Value	Preliminary Self Evaluation		arget Value	
		r chormanee maleator	year		2018	2019	2019	2020	2021	2022
6 - To improve the efficiency of institutional performance	6	Percentage of partners satisfaction	2018	%85	%85	%86	%86.5	%88	%89.5	%92
	7	Percentage of customer satisfaction	2018	%92	%92	%93	%93	%94	%95	%96
	8	Percentage of improvement in institutional performance (award results)	2018	%29	%29	-	-	%60	%70	%80
	9	Percentage of employees satisfaction	2018	%81.4	%81.4	%83	%83	%84.5	%86	%88
		Findings of the Ministry of Finance assessement of internal control units	2018	93	93	95	95	96	97	98

	Number of Staff o	f the M	inistry /	Depar	tment					
Group	Job		2018			2019		Pr	-	
		Male	Female	Total	Male	Female	Total	Male	Female	Total
General Administration and Local Administration Jobs (Including the Senior Category)	Supervisory and Leadership jobs	15	4	19	14	4	18	12	3	15
Engineering Jobs	Engineer	96	50	146	91	37	128	87	34	121
Technical Jobs	Technical jobs (Programmer, Researcher,)	75	22	97	71	22	93	71	22	93
Administrative and Financial Jobs	Administrative and Financial jobs	88	28	116	80	20	100	80	20	100
Other Jobs	Other jobs	89	25	114	81	14	95	81	14	95
Supportive Jobs (third category)	Support employee (Driver, Office Boy,)	186	23	209	130	20	150	134	23	157
	Total	549	152	701	467	117	584	465	116	581
	Total Cost of Salaries	3575342	989894	4565236	3524890	883110	4408000	3613554	901446	4515000



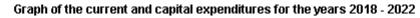
		Key Information of	the Ministry / Dep	artment		
No.	Description	2016	2017	2018	2019	2020
1	Number of oil companies working in the oil sector	12	12	12	12	13
2	Contribution of wind energy to the energy mix/ a percentage	5	5	5	5	5
3	Number of cumulative programs in energy conservation and improving efficiency	8	10	10	10	11
4	Increased spread of solar water heaters for domestic purposes/ a percentage	12.5	15	15	15	18

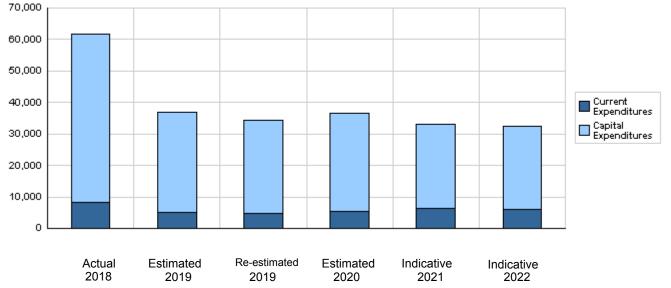
Overall Summary of Expenditures for Chapter 2001- Ministry of Energy and Mineral Resources

for the Years 2018 - 2022

							(111 3 D S
		Actual	Estimated	Re-estimated	Estimated	Indi	cative
	Description	2018	2019	2019	2020	2021	2022
Group		Current E	Expenditures		,		
2111	Salaries, Wages and Allowances	4,118,312	4,247,000	3,963,000	4,049,000	4,153,000	4,206,000
2121	Social Security Contributions	446,924	446,000	445,000	466,000	477,000	484,000
2211	Use of Goods and Services	399,578	527,000	500,000	796,000	1,075,000	775,000
2511	Subsidies to Public Corporations	0	0	0	0	650,000	650,000
2631	Support to General Government Units	3,337,000	0	0	0	0	0
2821	Other Current Expenditures	14,070	18,000	18,000	18,000	18,000	18,000
	Total current expenditures	8,315,884	5,238,000	4,926,000	5,329,000	6,373,000	6,133,000
		Capital E	xpenditures	-		-	
2211	Use of Goods and Services	987,763	1,318,000	1,318,000	1,090,000	2,190,000	2,190,000
2511	Subsidies to Public Corporations	261,342	50,000	50,000	50,000	50,000	50,000
2632	Subsidy to General Government Units/ Capital	3,240,000	0	0	0	0	0
2822	Other Capital Expenditures	10,414,805	8,090,000	7,590,000	7,930,000	2,200,000	2,150,000
3111	Buildings and Constructions	6,858,936	8,130,000	7,830,000	8,140,000	4,670,000	4,170,000
3112	Devices, Machinery and Equipment	29,423,413	10,952,000	9,552,000	13,710,000	9,710,000	9,760,000
3122	Inventories	36,627	60,000	60,000	80,000	80,000	80,000
3141	Lands	2,088,237	3,200,000	3,100,000	350,000	7,850,000	7,850,000
	Total capital expenditures	53,311,123	31,800,000	29,500,000	31,350,000	26,750,000	26,250,000
	Treasury	53,311,123	31,800,000	29,500,000	31,350,000	26,750,000	26,250,000
	Total current and capital expenditures	61,627,007	37,038,000	34,426,000	36,679,000	33,123,000	32,383,000

(Thousands of JDs)

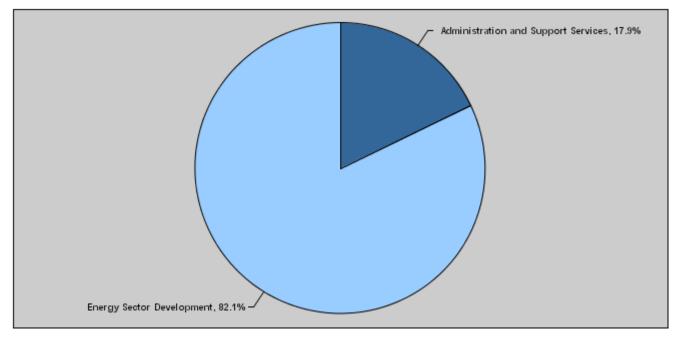




Budget of Chapter 2001 - Ministry of Energy and Mineral Resources For the Year 2020 Distributed According to Program

				(In JDs)
Prog.	Description	Current	Capital	Total
-		Expenditures	Expenditures	Expenditures
3501	Administration and Support Services	5,329,000	1,250,000	6,579,000
3505	Energy Sector Development	0	30,100,000	30,100,000
	Total	5,329,000	31,350,000	36,679,000

Total Expenditures for the Year 2020 Distributed According to Programs



Estimated Allocations for Females distributed according to Programs for the Years 2018 - 2022

	Program	2018	2019	2020	2021	2022
3501	Administration and Support Services	1046000	985200	1260000	1274600	1226600
3505	Energy Sector Development	734000	0	0	0	0
	Total	1780000	985200	1260000	1274600	1226600

3501 Administration and Support Services Program

Objective of the program :

- To improve the administrative capacities of all administrative units in the Ministry.
- To improve the management of the programs and projects implemented by Ministry.

The strategic objective related to the program :

To improve the efficiency of institutional performance

Directorates associated with the program :

- Planning & International Cooperation Directorate.
- Financial Affairs Directorate
- Human Resources & Administration Directorate.
- Internal Control Unit.
- Information Technology Directorate.
- Legal Affairs Directorate.
- Support Services Directorate.
- Monitoring Unit.
- Institutional Development Unit.
- Projects Management Unit.
- Statistics and Information Unit.

Services provided by the program :

- Provide the various activities support of the Ministry.
- Provide the administrative infrastructure such as the computerization of the Ministry's works.
- Provide transport means for employees and projects.
- Provide different equipment and furniture.
- Allocate financial appropriations for all Ministry projects
- Archive the Ministry's work
- Follow up the Ministry's mail and receive official delegations
- Provide necessary legal services and consultations

Staff working in the program :

The program is implemented through a functional staff in 2019 estimated with (275) staff, including (211) males and (64) females.

	Pe	rformance Me	easure	ment Ind	icators for	Progra	am			
	Performance Measurement Indicator		Base	Value	Actual value	Targ Valu		Self	Target Va	lue
			Year		2018	201	9 2019	2020	2021	2022
1	Percentage of customer satisfaction			%92	%92	%9	3 %93	%94	%95	%96
2	Percentage of partners satisfaction		2018	%85	%85	%8	6 %86.5	%88	%89.5	%92
3	Percentage of actual expenditures of the app financial ceiling	proved	2018	%99	%99	%10	0 %100	%100	%100	%100
4	Number of automated services		2018	12	12	12	15	18	21	24
5	Percentage of Employees satisfaction		2018	%81.4	%81.4	%8	3 %83	%84.5	%86	%88
6	Percentage of implementation of the training	plan	2018	%15	%15	%3) %30	%35	%40	%45
	Appropriations Of Administra	ation and Supp	ort Serv	ices Prog	ram as Pe	r Activit	ies and Projec	ts.	<u>.</u>	(In JDs)
		Actual	Es	timated	Re-estim	nated	Estimated		Indicative	
	Activities and Projects	2018		2019	2019	9	2020	2021		2022
Curre	ent Expenditures	4,978,884	5,238	3,000	4,926,000) t	5,329,000	6,373,000	6,13	33,000
60)1 Administrative and Support Services	4,978,884	5,238	3,000	4,926,000) <u></u>	5,329,000	6,373,000	6,13	33,000
Capit	al Expenditures	1,073,015	1,650),000	1,650,000) (1	,250,000	1,250,000	1,25	50,000
00	1 Institutional Capacities Enhancement Project	1,056,869	1,650	0,000	1,650,000) (,250,000	1,250,000	1,25	50,000
00	2 E-Government/ Smart Project	16,146	0		0	()	0	0	
	Program / Treasury	1,073,015	1,650	0,000	1,650,000) (,250,000	1,250,000	1,25	50,000
	Total Program	6,051,899	6,888	3,000	6,576,000) (6,579,000	7,623,000	7,38	33,000

Budget Chapter 2001 - Ministry of Energy and Mineral Resources Distributed According to the Program

3505 Energy Sector Development Program

Objective of the program :

- Achieve a secure sustainable supply of energy.
- Study the economic and investment feasibility of projects.
- Land acquisition, purchase equipment for the required projects to achieve the strategic objectives of the Ministry.

The strategic objective related to the program :

- 1- To diversify energy sources
- 2- To develop indigenous energy sources
- 3- To rationalize energy consumption and ipmrove its efficiency
- 4- To increase the investment in the minerals resources sector
- 5- To monitor, analyse and evaluate seismic information

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 Resources Projects Directorate.
- Natural Resources Studies Directorate

Services provided by the program :

- Achieve the security of energy supply.
- Diversify energy sources and forms.
- Liberalize energy markets.
- Develop and exploit the traditional and renewable local energy sources, oil shale and uranium.
- Create opportunities for the private sector and encouraging it to invest in infrastructure projects
- Promote regional energy connectivity projects and rationalize consumption.

Staff working in the program :

The program is implemented through a functional staff in 2019 estimated with (309) staff, including (256) males and (53) females.

	Pe	rformance M	easure	ment Inc	licators for	Progra	m			
	Performance Measurement Indicator		Base	Value	Actual value	Targe Value		Self	Target Va	lue
			Year		2018	2019	2019	2020	2021	2022
1	Percentage of oil and its derivatives contribu overall energy mix	tion in the	2018	%54	%54	%52	%52	%51	%51	%51
2	Percentage of securtiy of electric power supply		2018	%99	%99	%100	%99	%99	%99	%99
3	Percentage of natural gas contribution in the energy mix	overall	2018	%35	%35	%36	%36	%38	%39	%40
4	Percentage of natural gas contribution in por generation	ver	2018	%88	%88	%85	%80	%74	%60	%49
5	Percentage of domestic sources contribution generation	in power	2018	%11	%11	%16	%16	%35	%37	%40
6	Percentage of renewable energy contribution generation	n in power	2018	%11	%11	%15	%13	%20	%22	%24
7	Percentage of energy rationalization and impefficiency by referring to 2007 consumption a the base year		2018	%7.1	%7.1	%12	%12	%18	%20	%22
8	Number of memorandums of understanding	signed	2018	1	1	4	4	2	2	2
9	Number of new plants		2018	2	2	8	2	2	2	2
	Appropriations Of Energy	gy Sector Deve	elopmen	t Progran	n as Per Ac	ctivities a	nd Projects.	ł	<u> </u>	(In JDs)
		Actual	Es	timated	Re-estim	nated	Estimated		Indicative	
	Activities and Projects	2018	:	2019	2019	9	2020	2021		2022
Curre	ent Expenditures	3,337,000	0		0	0		0	0	
60)1 Energy sector management	3,337,000	0		0	0		0	0	
Capit	al Expenditures	52,238,108	30,1	50,000	27,850,00	00 30),100,000	25,500,000) 25,0	000,000
	D2 Encouraging the establishment Natural Gas Distribution Network in many cities in the Kingdom/ Expropriation	997,363	400,0		400,000		00,000	400,000		,000
00		261,342	50,00	00	50,000),000	50,000	50,0	000
0.	10 Supporting the Atomic Energy Commission projects	3,240,000	0		0	0		0	0	

	Appropriations Of Ener	gy Sector Deve	lopment Progran	n as Per Activitie	s and Projects.		(In JE
		Actual	Estimated	Re-estimated	Estimated	Ind	icative
	Activities and Projects	2018	2019	2019	2020	2021	2022
oital E	xpenditures	52,238,108	30,150,000	27,850,000	30,100,000	25,500,000	25,000,000
014	Exploitation of wind energy to	991,540	200,000	200,000	50,000	50,000	50,000
	generate electricity (Fajij)	001,010		200,000			00,000
021	Thermal solar energy for electricity generation (CSP)	0	100,000	0	0	0	0
022	Program for promotion of solar heaters in cooperation with the National Center for Research and Development	0	50,000	0	0	0	0
023	Establishing of a Customer Service Office	2,362	50,000	50,000	50,000	50,000	50,000
024	Energy Rationalization Program in cooperation with the National Center for Research and Development	0	50,000	0	0	0	0
025	Building and equipping Liquefied Natural Gas Terminal/ Aqaba	0	1,000,000	1,000,000	300,000	800,000	800,000
027	Jordanian nuclear power plant	3,450,000	2,800,000	2,800,000	0	0	0
029	Facilities to store oil derivatives	7,810,488	9,500,000	9,500,000	5,700,000	0	0
031	Jordanian- Iraqi Oil Pipeline	99,964	250,000	50,000	100,000	1,500,000	1,500,000
033	Evaluation of unsolicited proposals for renewable energy projects	1,062,611	600,000	600,000	300,000	400,000	400,000
035	Renewable energy projects for electricity generation- wind energy/ Ma'an	16,575	0	0	0	0	0
036	Renewable energy projects for electricity generation - solar energy/ Agaba	30,186,447	6,600,000	6,600,000	6,600,000	0	0
037	Implementation of energy audit studies for institutions	129,000	200,000	100,000	100,000	100,000	100,000
039	Expansion of the electricity generation project using solar panels in Azrag / European grant	31,500	2,000,000	1,500,000	500,000	250,000	0
046	Modernizing Jordan Seismological Observatory	32,506	100,000	100,000	50,000	50,000	50,000
047	Oil Shale Exploration	10,950	20,000	20,000	0	0	0
048	Mineral resources exploration	13,792	100,000	50,000	50,000	50,000	50,000
049	Petroleum Exploration through marketing explorative areas	300,000	200,000	100,000	3,000,000	1,500,000	1,500,000
050	Solar panels for houses	65,200	100,000	50,000	150,000	250,000	300,000
051	Solar heaters for houses	1,634,388	1,200,000	1,200,000	500,000	500,000	500,000
052	Seismic and geological surveys	56,321	100,000	50,000	50,000	50,000	50,000
054	Implementation of the National Energy Efficiency Plan	0	50,000	50,000	50,000	50,000	50,000
055	Executing the natural gas line / Sheikh Hussein Crossing	99,334	2,500,000	2,500,000	0	7,500,000	7,500,000
057	Constucting a solar power plant for generating electricity for the 6-MW synchrotron-light	1,400,000	510,000	510,000	0	0	0
058	Insulation of roofs of houses	0	0	0	50,000	50,000	50,000
059	Solar panels for mosques	337,180	500,000	300,000	250,000	500,000	600,000
060	Geo-chemical and Geo-physical studies	9,245	20,000	20,000	50,000	0	0
061	Expansion of electricity generation project using solar panels in Azraq / (1 MW / European grant)	0	900,000	50,000	750,000	400,000	0
064	Installation of electricity by conventional electricity / Fils Al-Reef	0	0	0	2,000,000	2,000,000	2,000,000
065	Installation projects of grid connected and not connected solar panels systems / Fils Al-Reef	0	0	0	7,000,000	6,000,000	6,000,000
066	Replacement of streetlights units in all the municipalities and camps of the Kingdom / Fils Al-Reef	0	0	0	2,000,000	2,000,000	2,000,000
067	Fees for storing and recycling strategic stocks	0	0	0	0	1,000,000	1,000,000
	Program / Treasury	52,238,108	30,150,000	27,850,000	30,100,000	25,500,000	25,000,000
	Total Program	55,575,108	30,150,000	27,850,000	30,100,000	25,500,000	25,000,000

Chapter: 2001 Ministry of Energy and Mineral Resources

Curre	nt Act	ivities Appropriations According to Pro	gram					
			Actual	Estimated	Re-estimated	Estimated	Indicative	Indicative
Prog.		Activites	2018	2019	2019	2020	2021	2022
3505	601	Energy sector management	3337000	0	0	0	0	0
		Total of Program	3337000	0	0	0	0	0
3501	601	Administrative and Support Services	4978884	5238000	4926000	5329000	6373000	6133000
		Total of Program	4978884	5238000	4926000	5329000	6373000	6133000
		Total	8315884	5238000	4926000	5329000	6373000	6133000

Capital Projects Appropriations According to Program

			Actual	Estimated	Re-estimated	Estimated	Indicative	Indicativ
Prog.		Projects	2018	2019	2019	2020	2021	2022
3505	002	Encouraging the establishment Natural Gas Distribution Network in many cities in the Kingdom/ Expropriation	997363	400000	400000	400000	400000	400000
	008		261342	50000	50000	50000	50000	50000
	010	Supporting the Atomic Energy Commission projects	3240000	0	0	0	0	0
	014	(Fajij)	991540			50000	50000	50000
	021	Thermal solar energy for electricity generation (CSP)	0	100000	0	0	0	0
	022	Program for promotion of solar heaters in cooperation with the National Center for Research and Development	U	50000	U	U	0	U
	023		2362	50000	50000	50000	50000	50000
	024	Energy Rationalization Program in cooperation with	0	50000	0	0	0	0
	025	the National Center for Research and Development Building and equipping Liquefied Natural Gas Terminal/ Agaba	0	1000000	1000000	300000	800000	800000
	027		3450000	2800000	2800000	0	0	0
	029	Facilities to store oil derivatives	7810488	9500000	9500000	5700000	0	0
	031	Jordanian- Iraqi Oil Pipeline	99964	250000	50000	100000	1500000	1500000
	033	energy projects	1062611			300000	400000	400000
	035	Renewable energy projects for electricity generation- wind energy/ Ma'an	16575	0	0	0	0	0
	036	Renewable energy projects for electricity generation - solar energy/ Aqaba				6600000	0	0
	037	Implementation of energy audit studies for institutions	129000	200000	100000	100000	100000	100000
	039	Expansion of the electricity generation project using solar panels in Azraq / European grant	31500	2000000	1500000	500000	250000	0
	046	Modernizing Jordan Seismological Observatory	32506	100000	100000	50000	50000	50000
	047	Oil Shale Exploration	10950	20000	20000	0	0	0
	048	Mineral resources exploration	13792	100000	50000	50000	50000	50000
	049	explorative areas	300000			3000000	1500000	1500000
	050	•	65200	100000		150000	250000	300000
	051	Solar heaters for houses	1634388			500000	500000	500000
	052	,	56321			50000	50000	50000
	054	Plan	0	50000 2500000	50000	50000 0	50000 7500000	50000 7500000
	055	Crossing	99334		2500000	-		
	057	Constucting a solar power plant for generating electricity for the 6-MW synchrotron-light	1400000		510000	0	0	0
	058		0	0	-	50000	50000	50000
	059	• •	337180			250000	500000	600000
	060	.,	9245			50000	0	0
	061	Expansion of electricity generation project using solar panels in Azraq / (1 MW / European grant) Installation of electricity by conventional electricity /	0	900000		750000 2000000	400000	0 2000000
	064	Fils Al-Reef	0	0		7000000	6000000	6000000
	066	connected solar panels systems / Fils Al-Reef	0	0	0	2000000	2000000	2000000
	000	municipalities and camps of the Kingdom / Fils Al- Reef	v	~	~			
	067	· · · · · · · · · · · · · · · · · · ·	0	0	0	0	1000000	1000000
		Total of Program	52238108	30150000	27850000	30100000	25500000	25000000
3501	001	Institutional Capacities Enhancement Project	1056869	1650000	1650000	1250000	1250000	1250000
	002	E-Government/ Smart Project	16146	0	0	0	0	0
		Total of Program	1073015	1650000	1650000	1250000	1250000	1250000
		Total	53311123	31800000	29500000	31350000	26750000	2625

Overall Summary of Current Expenditures for the Years 2018 - 2022

Group	Item	2001 Ministry of Energy and Description	Actual	Estimated			Indicative	(In JDs Indicative
21		Compensations of Employees	2018	2019	2019	2020	2021	2022
		•						
2111	101	Salaries, Wages and Allowances		0.40000	1 - 0 0 0 0		-4000	70000
	101		226440	210000		70000	71000	72000
	102	Unclassified Employees Comprehensive Contract Employees	1000785		900000 70000	920000 130000	930000 132000	940000 134000
	103 105		65607 769623	75000 831000		810000	820000	832000
	105	•	79763	85000		80000	81000	82000
	110	Overtime Allowance	102663	140000		110000	110000	110000
	111	Additional Allowance	102005			910000	920000	930000
	113	Transportation Allowance	150980	170000	162000	165000	167000	169000
	114		52520	56000		54000	55000	56000
	115	Field Visit Allowance	18490			23000	24000	25000
	116	Employees' Bonuses	540844			555000	555000	555000
	120	Contract Employees	100632	163000		222000	288000	301000
	-	Total	4118312	4247000	3963000	4049000	4153000	4206000
2121		Social Security Contributions						
	301	Social Security	446924	446000	445000	466000	477000	484000
		Total	446924	446000	445000	466000	477000	484000
22		Use of Goods and Services						
 2211		Use of Goods and Services						
2211	202		15203	12000	12000	12000	12000	12000
	202		8214		8000	12000	12000	12000
	203		67335	70000		70000		80000
	204	-	67335 70998	71000		76000	76000	76000
	205	Maintenance of Machines, furniture and	70998 6997	7000	7000	10000	10000	10000
		accessories	0997	7000	/000	10000	10000	10000
	207	Maintenance of vehicles, equipment and accessories	22796	25000	24000	30000	30000	30000
	208	Repair and maintenance of buildings and accessories	4993	7000	7000	20000	20000	20000
	209	Stationery, Publications and Office Supplies	17963	10000	10000	15000	15000	15000
	210	Substances and raw materials (medicines,	221	0	0	0	0	0
	211	clothes, food, films, etc) Cleaning services and supplies including	39952	98000	98000	100000	100000	100000
		cleaning contracts	40000	10000	10000	40000	40000	40000
	212	Insurance Official Travel Missions	40000	40000		40000	40000	40000
	213 214		75000 29906	70000		70000	70000	70000 310000
	214					341000		
			399578	527000	500000	796000	1075000	775000
25		Subsidies						
2511		Subsidies to Public Corporations						
	304	Subsidies to non-financial public corporations	0	0	0	0	650000	650000
		Total	0	0	0	0	650000	650000
26		Subsidy / Grants						
2631		Support to General Government Units						
	313	Support to general government units/current	3337000	0	0	0	0	0
	0.0		3337000	0	0	0	0	0
20					•	-		-
28		Other Expenditures						
2821	-	Other Current Expenditures						
	302	Contributions	4485	7000		9000		9000
	303	Scientific scholarships and training courses		8000		6000	6000	6000
	305		2200	3000		3000	3000	3000
		Total	14070	18000	18000	18000	18000	18000
		Total of Chapter	8315884	5238000	4926000	5329000	6373000	6133000

Current Expenditures According to Program and Activities for the Years 2018 - 2022

Chapter : 2001 - Ministry of Energy and Mineral Resources

Activi	ty :	601 - Administrative and Sup	port Servic	es				
Group	ltem	Description	Actual 2018	Estimated 2019	Re-estimated 2019	Estimated 2020	Indicative 2021	Indicative 2022
21		Compensations of Employees						
2111		Salaries, Wages and Allowances						
	101	Classified Employees	226440	210000	150000	70000	71000	72000
	102	Unclassified Employees	1000785		900000		930000	940000
	103	Comprehensive Contract Employees	65607		70000	130000	132000	134000
	105	Personal Cost of Living Allowance	769623		800000	810000	820000	832000
	106	Family Cost of Living Allowance	79763		76000		81000	82000
	110	Overtime Allowance Additional Allowance	102663		140000		110000 920000	110000
	111 113	Transportation Allowance	1009965 150980		880000 162000		920000 167000	930000 169000
	114	Transport Allowance	52520		50000		55000	56000
	115	Field Visit Allowance	18490		20000		24000	25000
	116	Employees' Bonuses	540844		555000		555000	555000
	120	Contract Employees	100632	163000	160000		288000	301000
		Total	4118312	4247000	3963000	4049000	4153000	4206000
2121		Social Security Contributions						
	301	Social Security	446924	446000	445000	466000	477000	484000
		Total	446924	446000	445000		477000	484000
22		Use of Goods and Services						
2211		Use of Goods and Services						
	202	Telecommunications Services	15203	12000	12000	12000	12000	12000
	203	Water	8214	8000	8000	12000	12000	12000
	204	Electricity	67335		70000		80000	80000
	205	Fuels	70998		71000		76000	76000
-		001 Heating	19000	19000	19000		21000	21000
		002 Saloon vehicles	16999	17000	17000		20000	20000
		003 Transport vehicles and heavy equipment	34999		35000	35000	35000	35000
	206	Maintenance of Machines, furniture and accessories	6997		7000	10000	10000	10000
		Maintenance of vehicles, equipment and accessories	22796		24000		30000	30000
		Repair and maintenance of buildings and accessories	4993		7000		20000	20000
	209	Stationery, Publications and Office Supplie	e\$17963	10000	10000	15000	15000	15000
	210	Substances and raw materials (medicines, clothes, food, films, etc)	221	0	0	0	0	0
	211	Cleaning services and supplies including cleaning contracts	39952	98000	98000	100000	100000	100000
	212	Insurance	40000	40000	40000	40000	40000	40000
	213	Official Travel Missions	75000	70000	70000		70000	70000
	214	Goods and services expenses	29906	109000	83000	341000	610000	310000
		000 Goods and services expenses	29906	-	0	0	0	0
		001 Events and hospitality	0		10000	10000	10000	10000
		013 Services, security and guarding contracts	0		73000	100000	100000	100000
		058 Judicial compensations	0	-	0	231000	500000	200000
		Total	399578	527000	500000	796000	1075000	775000
25		Subsidies						
2511		Subsidies to Public Corporations						
	304	Subsidies to non-financial public corporations	0	0	0	0	650000	650000
		126 Fils Al Reef Account	0		0	0	650000	650000
		Total	0	0	0	0	650000	650000
28		Other Expenditures						
2821		Other Current Expenditures						
	302	Contributions	4485	7000	7000	9000	9000	9000
	302	Scientific scholarships and training course			8000		6000	6000
		Non-Employees' Bonuses	2200	3000	3000	3000	3000	3000
	305	Non-Employees Donuses						
	305	· · ·			18000	18000	18000	18000
	305	Total Total of Activity	14070 4978884	18000 5238000	18000 4926000	18000 5329000	18000 6373000	18000 6133000

Current Expenditures According to Program and Activities for the Years 2018 - 2022 Chapter : 2001 - Ministry of Energy and Mineral Resources (In J

Chapt	er :	200	1 - Ministry of Energy and Min	eral Resou	rces				(In JDs)
Progra	am :	350	5 - Energy Sector Developmer	nt					
Activi	ty :		601 - Energy sector manager	nent					
GroupItemDescriptionActual 2018Estimated 2019Re-estimated 2019Estimated 2020Indicative 2021Indicative 2021								Indicative 2022	
26		Sub	sidy / Grants						
2631	Support to General Government Units								
	313		port to general government current	3337000	0	0	0	0	0
		017	Atomic Energy Commission	3337000	0	0	0	0	0
			Total	3337000	0	0	0	0	0
			Total of Activity	3337000	0	0	0	0	0
			Total of Program	3337000	0	0	0	0	0
			Total of Chapter	8315884	5238000	4926000	5329000	6373000	6133000

Overall Summary of Capital Expenditures for the Years 2018 - 2022

Group	Item	Description	Actual 2018	Estimated 2019	Re-estimated 2019	Estimated 2020	Indicative 2021	Indicative 2022
		Expenditures						
22		Use of Goods and Services						
2211		Use of Goods and Services						
	510	Buildings and facilities repair and maintenance	40677	50000	50000	0	0	0
	512	Operating and Sustaining Expenditures	947086	1268000	1268000	1090000	2190000	2190000
		Total	987763	1318000	1318000	1090000	2190000	2190000
25		Subsidies						
2511		Subsidies to Public Corporations						
	520	Subsidies to non-financial public corporations/capital	261342	50000	50000	50000	50000	50000
	1	Total	261342	50000	50000	50000	50000	50000
26		Subsidy / Grants						
2632		Subsidy to General Government Units/ Capital						
	509	Subsidy to general government units/capital	3240000	0	0	0	0	0
		Total	3240000	þ	0	0	0	0
28		Other Expenditures						
2822		Other Capital Expenditures						
	504	Studies, Research and Consultations	10414805	8090000	7590000	7930000	2200000	2150000
		Total	10414805	8090000	7590000	7930000	2200000	2150000
		Fixed Assets						
31		Non-financial Assets						
3111		Buildings and Constructions						
	508	Works and Constructions	6858936	8130000	7830000	8140000	4670000	4170000
		Total	6858936	8130000	7830000	8140000	4670000	4170000
3112		Devices, Machinery and Equipment						
	505	Equipment, Machines and Devices	29423413	10952000	9552000	13710000	9710000	9760000
		Total	29423413	10952000	9552000	13710000	9710000	9760000
3122		Inventories						
	503	Materials and supplies	36627	60000	60000	80000	80000	80000
	1	Total	36627	60000	60000	80000	80000	80000
3141		Lands						
	507	Lands	2088237	3200000	3100000	350000	7850000	7850000
		Total	2088237	3200000	3100000	350000	7850000	7850000
		Total of Chapter	53311123	31800000	29500000	31350000	26750000	26250000

Chapter: 2001 Ministry of Energy and Mineral Resources

	•	2001 Ministry of Energy and Mine						(IN JDS
	-	3501 Administration and Support						
	oject		ent Project					
Fund	Sourc	e 102001 Capital (Treasury)						
Group	item	Description	Actual 2018	Estimated 2019	Re-estimated 2019	Estimated 2020	Indicative 2021	Indicative 2022
22		Use of Goods and Services						
2211		Use of Goods and Services						
	510	Buildings and facilities repair and maintenance						
	008	Buildings and facilities maintenance	40677	50000	50000	0	0	0
		Total of Item	40677	50000	50000	0	0	0
	512	Operating and Sustaining Expenditures						
	008	Qualifying and training expenses	62430	80000	80000	80000	80000	80000
	009	Fees	0	0	0	60000	60000	60000
	012	Subscriptions, insurances	14737	20000			20000	20000
	015	Operating systems and software	17650	15000	15000	30000	30000	30000
	017	Promotion, advertising and awareness	19735	30000	30000	35000	35000	35000
	021	Printing house	95000	100000	100000	105000	105000	105000
	035	Technical and administrative support	616580	768000	768000	400000	400000	400000
	108	Allowance for services of organizing oil derivatives distribution sector	76880	90000	90000	90000	90000	90000
	132	Services charges on examinations of chemical, physical, environmental and digital maps	13100	145000	145000	145000	145000	145000
		Total of Item	916112	1248000	1248000	965000	965000	965000
31		Non-financial Assets						
3111		Buildings and Constructions						
	508	Works and Constructions						
	013	Construction of buildings	2495	10000	10000	20000	20000	20000
		Total of Item	2495	10000	10000	20000	20000	20000
3112		Devices, Machinery and Equipment						
	505	Equipment, Machines and Devices						
	001	Computers and accessories	26795	30000	30000	35000	35000	35000
	003	Office supplies and equipment	9281	10000	10000	15000	15000	15000
	006	Public safety devices and equipment	5915	15000	15000	20000	20000	20000
	009	Laboratories and Measurement Devices	10031	182000	182000	100000	100000	100000
	045	Geological devices	8936	20000	20000	15000	15000	15000
	068	Solar cells generating the electric energy	0	25000	25000	0	0	0
		Total of Item	60958	282000	282000	185000	185000	185000
3122		Inventories						
	503	Materials and supplies						
	006	Laboratories supplies and materials	29173	35000	35000	50000	50000	50000
	019	Spare parts supplies	7454	25000	25000	30000	30000	30000
		Total of Item	36627	60000	60000	80000	80000	80000
		Total of Project / Treasury	1056869	1650000	1650000	1250000	1250000	1250000
Pr	oject]			1
		e102001 Capital (Treasury)						
. and		Description	Actual	Estimated	Re-estimated	Estimated	Indicativo	Indicative
Group	item	Description	2018	2019	2019	2020	2021	2022
22		Use of Goods and Services						
2211		Use of Goods and Services						+
	512	Operating and Sustaining Expenditures						+
	015	Operating systems and software	16146	0	0	0	0	0
		Total of Item	16146	0	0	0	0	0
		Total of Project / Treasury	16146	0	0	0	0	0
		Total of Program	1073015	1650000	1650000	1250000	1250000	1250000
		Total of Frogram						

Chapter: 2001 Ministry of Energy and Mineral Resources

	-	2001 Ministry of Energy and Min						
Pro	ogram	3505 Energy Sector Development	nt					
	oject	Expropriation	atural Gas Di	stribution Net	twork in mar	ny cities in th	e Kingdom/	
Fund	Sourc	e102001 Capital (Treasury)						
Group	item	Description	Actual 2018	Estimated 2019	Re-estimated 2019	Estimated 2020	Indicative 2021	Indicative 2022
28		Other Expenditures						
2822		Other Capital Expenditures						
	504	Studies, Research and Consultations						
	014	Studies, research and design	0	0	0	100000	100000	100000
		Total of Item	0	0	0	100000	100000	100000
31		Non-financial Assets						
3141		Lands	-					
	507	Lands						
	001	Lands expropriation and purchase	997363	400000	400000	300000	300000	300000
		Total of Item	997363	400000	400000	300000	300000	300000
		Total of Project / Treasury	997363	400000	400000	400000	400000	400000
Pr	oject							
	-	e102001 Capital (Treasury)						
		Description	Actual	Estimated	Re-estimated	Estimated	Indicative	Indicative
Group	item	Description	2018	2019	2019	2020	2021	2022
25		Subsidies						
2511		Subsidies to Public Corporations						
	520	Subsidies to non-financial public						
	045	corporations/capital						
	015	Energy Efficiency Fund	261342	50000	50000	50000	50000	50000
		Total of Item	261342	50000	50000	50000	50000	50000
		Total of Project / Treasury		50000	50000	50000	50000	50000
Pr	oject	010 Supporting the Atomic Energy Co	ommission pro	ojects				
Fund S	Sourc	e102001 Capital (Treasury)						
Group	item	Description	Actual 2018	Estimated 2019	Re-estimated 2019	Estimated 2020	Indicative 2021	Indicative 2022
26		Subsidy / Grants						
2632		Subsidy to General Government Units/ Capit	al					
	509	Subsidy to general government units/capital						
	055	Atomic Energy Commission	3240000	0	0	0	0	0
		Total of Item	3240000	0	0	0	0	0
		Total of Project / Treasury	3240000	0	D	0	0	0
Pr	oject	014 Exploitation of wind energy to ge	nerate electric	city (Fajij)	I			
	-	e102001 Capital (Treasury)						
		Description	Actual	Estimated	Re-estimated	Estimated	Indicativo	Indicative
Group	item	Description	2018	2019	2019	2020	2021	2022
31		Non-financial Assets						
3141		Lands						
	507	Lands						
	001	Lands expropriation and purchase	991540	200000	200000	50000	50000	50000
		Total of Item	991540	200000	200000	50000	50000	50000
		Total of Project / Treasury		200000	200000	50000	50000	50000
		istar of Froject / Fredsury						

Chapter: 2001 Ministry of Energy and Mineral Resources (In JDs) Program 3505 Energy Sector Development Thermal solar energy for electricity generation (CSP) 021 Project Fund Source 102001 **Capital (Treasury)** Estimated Re-estimated Estimated Indicative Indicative Description Actual Group item 2018 2019 2019 2020 2021 2022 28 Other Expenditures 2822 Other Capital Expenditures 504 Studies, Research and Consultations 014 Studies, research and design 100000 0 0 n 0 Total of Item 0 100000 D 0 0 0 100000 Total of Project / Treasury h 0 0 0 022 Program for promotion of solar heaters in cooperation with the National Center for Research and Project Development Fund Source102001 **Capital (Treasury)** Estimated Re-estimated Estimated Indicative Indicative Description Actual Group item 2018 2020 2022 2019 2019 2021 Other Expenditures 28 2822 Other Capital Expenditures 504 Studies, Research and Consultations Purchasing consultation services 027 0 50000 h 0 0 0 50000 0 Total of Item h n h h 50000 n Total of Project / Treasury 0 0 h 0 **Establishing of a Customer Service Office** 023 Project Fund Source 102001 **Capital (Treasury)** Estimated Re-estimated Estimated Indicative Indicative Description Actual Group item 2018 2019 2019 2020 2021 2022 31 Non-financial Assets 3112 Devices, Machinery and Equipment 505 Equipment, Machines and Devices 069 Modernizing and developing devices and 50000 50000 50000 50000 2362 50000 equipment 2362 50000 50000 50000 50000 50000 Total of Item Total of Project / Treasury 2362 50000 50000 50000 50000 50000 Energy Rationalization Program in cooperation with the National Center for Research and Development 024 Project Fund Source102001 Capital (Treasury) Description Estimated Re-estimated Estimated Indicative Indicative Actual Group item 2019 2018 2019 2020 2021 2022 Non-financial Assets 31 3112 Devices, Machinery and Equipment 505 Equipment, Machines and Devices 069 Modernizing and developing devices and 50000 0 0 0 equipment 50000 Total of Item 0 0 0 b 50000 0 0 0 **Total of Project / Treasury**

	apter	2001 Ministry of Energy and Mine	eral Resou	urces				(In JDs
Pro	-	3505 Energy Sector Development						·
	-			Torminal/ Δαa	aha			
	roject							
Funa	Sourc	e 102001 Capital (Treasury)		1	-			
Group	item	Description	Actual 2018	Estimated 2019	Re-estimated 2019	Estimated 2020	Indicative 2021	Indicativ 2022
28		Other Expenditures						
2822		Other Capital Expenditures						
	504	Studies, Research and Consultations						
	014	Studies, research and design	0			0	0	0
		Total of Item	0	400000	400000	0	0	0
31		Non-financial Assets						
3111		Buildings and Constructions						
	508	Works and Constructions						
	040	Constructions	0	600000	600000	300000	800000	800000
		Total of Item	0	600000	600000	300000	800000	800000
		Total of Project / Treasury	0	1000000	1000000	300000	800000	800000
D-	roject							
	-							
Fund	Sourc	e 102001 Capital (Treasury)		_		1	1	
Group	item	Description	Actual 2018	Estimated 2019	Re-estimated 2019	Estimated 2020	Indicative 2021	Indicativ 2022
28		Other Expenditures						
2822		Other Capital Expenditures						
	504	Studies, Research and Consultations						
	027	Purchasing consultation services	1200000	800000	800000	0	0	0
	035	Site studies	2250000	2000000	2000000	0	0	0
		Total of Item	3450000	2800000	2800000	0	0	0
		Total of Project / Treasury	3450000	2800000	2800000	0	0	0
Pr	roject	029 Facilities to store oil derivatives						
	-	e102001 Capital (Treasury)						
Group	item	Description	Actual 2018	Estimated 2019	Re-estimated 2019	Estimated 2020	Indicative 2021	Indicativ 2022
28	Item	Other Expenditures	2010	2013	2019	2020	2021	2022
		Other Capital Expenditures						
2822	504	Studies, Research and Consultations						
ſ	014	Studies, research and design	703556	1000000	1000000	450000	0	0
	014	· · · ·		1000000			0	-
		Total of Item	703556	1000000	100000	450000	U	0
31		Non-financial Assets						
3111		Buildings and Constructions						
	508	Works and Constructions					-	
	040	Constructions	6542649			2250000	-	0
		Total of Item	6542649	6500000	6500000	2250000	0	0
3112		Devices, Machinery and Equipment						
	505	Equipment, Machines and Devices						
	0.55	Technical devices	564283	2000000	2000000	3000000	0	0
	055	Technical devices	00.200				-	
	055	Total of Item	564283			3000000	0	0

Chapter: 2001 Ministry of Energy and Mineral Resources

	•	2001 1011							(IN JDS
Pro	ogram	3505 Ene	rgy Sector Development	t					
Pr	roject	031 Jorda	anian- Iraqi Oil Pipeline						
	-	e102001	Capital (Treasury)						
Group	item		Description	Actual 2018	Estimated 2019	Re-estimated 2019	Estimated 2020	Indicative 2021	Indicative 2022
28		Other Expend	litures						
2822		Other Capital E	Expenditures						
	504	Studies, Resea	arch and Consultations						
ſ	014	Studies, resea	arch and design	99964	150000	50000	100000	1500000	1500000
Ī			Total of Item	99964	150000	50000	100000	1500000	1500000
31		Non-financial	Assets						
3141		Lands							
	507	Lands							
ſ	001	Lands exprop	riation and purchase	0	100000	0	0	0	0
ł			Total of Item	0	100000	0	0	0	0
		-	Total of Project / Treasury	99964	250000	50000	100000	1500000	1500000
		_	uation of unsolicited proposal						
	roject	•		s ioi renewa	bie energy pr				
Fund	Sourc	e102001	Capital (Treasury)	-	1		1		
Group	item		Description	Actual 2018	Estimated 2019	Re-estimated 2019	Estimated 2020	Indicative 2021	Indicative 2022
28		Other Expend							
2822		Other Capital E	•						
	504	,	arch and Consultations						
	014	Studies, resea	arch and design	1062611	600000	600000	300000	400000	400000
, Ī			Total of Item	1062611	600000	600000	300000	400000	400000
		7	Total of Project / Treasury	1062611	600000	600000	300000	400000	400000
Pr	roject	035 Rene	ewable energy projects for elect	ctricity gener	ation- wind e	nergy/ Ma'aı	1		
	-	e102001	Capital (Treasury)						
Group	item		Description	Actual 2018		Re-estimated 2019	Estimated 2020	Indicative 2021	Indicative 2022
28		Other Expend			2019			2021	
2822			litures		2019			2021	
	1	-			2019			2021	
' 7	504	Other Capital E			2019			2021	
	504 014	Other Capital E Studies, Resea	Expenditures	16575		0	0		
		Other Capital E Studies, Resea	Expenditures arch and Consultations arch and design	16575	0	0	-		0
		Other Capital E Studies, Rese Studies, resea	Expenditures arch and Consultations arch and design Total of Item	16575	0	0	0	0	0
	014	Other Capital E Studies, Rese Studies, resea	Expenditures arch and Consultations arch and design Total of Item Total of Project / Treasury	16575 16575	0	0	0	0	0
	014 roject	Other Capital E Studies, Resea Studies, resea	Expenditures arch and Consultations arch and design Total of Item Total of Project / Treasury ewable energy projects for elect	16575 16575	0	0	0	0	0
	014 roject	Other Capital E Studies, Rese Studies, resea	Expenditures arch and Consultations arch and design Total of Item Total of Project / Treasury ewable energy projects for elec Capital (Treasury)	16575 16575	0 0 0 ation - solar	0 0 energy/ Aqal	0 0 ba	0	0
	014 roject	Other Capital E Studies, Resea Studies, resea 036 Rene e 102001	Expenditures arch and Consultations arch and design Total of Item Total of Project / Treasury ewable energy projects for elec Capital (Treasury) Description	16575 16575	0 0 0 ation - solar	0 0 energy/ Aqal	0 0 ba	0	0
Fund \$	o14 roject Sourc	Other Capital E Studies, Resea Studies, resea 036 Rene e102001 Other Expend	Expenditures arch and Consultations arch and design Total of Item Total of Project / Treasury ewable energy projects for elec Capital (Treasury) Description	16575 16575 ctricity gener	0 0 ation - solar Estimated	0 0 energy/ Aqal Re-estimated	0 0 ba Estimated	0 0 0 Indicative	0 0 0 Indicative
Fund S	o14 roject Sourc	Other Capital E Studies, Resea Studies, resea 036 Rene e102001 Other Expend Other Capital E	Expenditures arch and Consultations arch and design Total of Item Total of Project / Treasury ewable energy projects for elec Capital (Treasury) Description litures Expenditures	16575 16575 ctricity gener	0 0 ation - solar Estimated	0 0 energy/ Aqal Re-estimated	0 0 ba Estimated	0 0 0 Indicative	0 0 0 Indicative
Fund S Group 28	o14 roject Sourc	Other Capital E Studies, Resea Studies, resea 036 Rene e102001 Other Expend Other Capital E	Expenditures arch and Consultations arch and design Total of Item Total of Project / Treasury ewable energy projects for elec Capital (Treasury) Description	16575 16575 ctricity gener	0 0 ation - solar Estimated	0 0 energy/ Aqal Re-estimated	0 0 ba Estimated	0 0 0 Indicative	0 0 0 Indicative
Fund S Group 28	014 roject Sourc	Other Capital E Studies, Resea Studies, resea 036 Rene e 102001 Other Expend Other Capital E Studies, Resea	Expenditures arch and Consultations arch and design Total of Item Total of Project / Treasury ewable energy projects for elec Capital (Treasury) Description litures Expenditures	16575 16575 ctricity gener	0 0 ation - solar Estimated 2019	0 0 energy/ Aqal Re-estimated 2019	0 0 ba Estimated	0 0 0 Indicative 2021	0 0 0 Indicative
Fund S Group 28	014 roject Sourc item	Other Capital E Studies, Resea Studies, resea 036 Rene e 102001 Other Expend Other Capital E Studies, Resea	Expenditures arch and Consultations arch and design Total of Item Total of Project / Treasury ewable energy projects for elec Capital (Treasury) Description litures Expenditures arch and Consultations	16575 16575 ctricity gener Actual 2018	0 0 0 ration - solar Estimated 2019 2200000	0 0 energy/ Aqal Re-estimated 2019	0 0 ba Estimated 2020	0 0 0 Indicative 2021 0	0 0 0 Indicative 2022
Fund S Group 28	014 roject Sourc item	Other Capital E Studies, Resea Studies, resea 036 Rene e 102001 Other Expend Other Capital E Studies, Resea	Expenditures arch and Consultations arch and design Total of Item Total of Project / Treasury evable energy projects for elec Capital (Treasury) Description litures Expenditures arch and Consultations arch and design Total of Item	16575 16575 ctricity gener Actual 2018 4970083	0 0 0 ration - solar Estimated 2019 2200000	0 0 energy/ Aqal 2019 2200000	0 0 ba Estimated 2020 6600000	0 0 0 Indicative 2021 0	0 0 0 Indicative 2022 0
Fund S Group 28 2822	014 roject Sourc item	Other Capital E Studies, Resea Studies, resea 036 Rene e 102001 Other Expend Other Capital E Studies, Resea Studies, resea	Expenditures arch and Consultations arch and design Total of Item Total of Project / Treasury evable energy projects for elec Capital (Treasury) Description litures Expenditures arch and Consultations arch and design Total of Item	16575 16575 ctricity gener Actual 2018 4970083	0 0 0 ration - solar Estimated 2019 2200000	0 0 energy/ Aqal 2019 2200000	0 0 ba Estimated 2020 6600000	0 0 0 Indicative 2021 0	0 0 0 Indicative 2022 0
Fund \$ Group 28 2822 31	014 roject Sourc item	Other Capital E Studies, Resea Studies, resea 036 Rene e 102001 Other Expend Other Capital E Studies, Resea Studies, resea	Expenditures arch and Consultations arch and design Total of Item Total of Project / Treasury ewable energy projects for elec Capital (Treasury) Description litures Expenditures arch and Consultations arch and design Total of Item Assets	16575 16575 ctricity gener Actual 2018 4970083	0 0 0 ration - solar Estimated 2019 2200000	0 0 energy/ Aqal 2019 2200000	0 0 ba Estimated 2020 6600000	0 0 0 Indicative 2021 0	0 0 0 Indicative 2022 0
Fund \$ Group 28 2822 31	014 roject Sourc item 504 014	Other Capital E Studies, Resea Studies, resea 036 Rene e102001 Other Expend Other Capital E Studies, Resea Studies, resea Non-financial Devices, Mach Equipment, Ma	Expenditures arch and Consultations arch and design Total of Item Total of Project / Treasury ewable energy projects for elec Capital (Treasury) Description litures Expenditures arch and Consultations arch and design Total of Item Assets innery and Equipment	16575 16575 ctricity gener Actual 2018 4970083	0 0 0 ration - solar Estimated 2019 2200000 2200000	0 0 energy/ Aqal 2019 2200000	0 0 ba Estimated 2020 6600000 6600000	0 0 0 Indicative 2021 0 0	0 0 0 Indicative 2022 0
Fund \$ Group 28 2822 31	014 oject Sourc item 504 014 505	Other Capital E Studies, Resea Studies, resea 036 Rene e102001 Other Expend Other Capital E Studies, Resea Studies, resea Non-financial Devices, Mach Equipment, Ma	Expenditures arch and Consultations arch and design Total of Item Total of Project / Treasury ewable energy projects for elec Capital (Treasury) Description litures Expenditures arch and Consultations arch and design Total of Item Assets hinery and Equipment achines and Devices	16575 16575 ctricity gener Actual 2018 4970083 4970083	0 0 0 ation - solar Estimated 2019 2200000 2200000 2200000 4400000	0 0 energy/ Aqal 2019 2200000 2200000 4400000	0 0 ba Estimated 2020 6600000 6600000	0 0 0 1ndicative 2021 0 0	0 0 0 Indicative 2022 0 0

	•	Expenditures According to	•	-	ects for t	he Years	s 2018	- 2022
	-	2001 Ministry of Energy and M		irces				(In JDs
Pro	ogram	3505 Energy Sector Developm						
	oject		t studies for inst	itutions				
Fund	Sourc	e102001 Capital (Treasury)						
_		Description	Actual				Indicative	
Group	item	Other Expanditures	2018	2019	2019	2020	2021	2022
28 2822		Other Expenditures Other Capital Expenditures						
2022	504	Studies, Research and Consultations						
	014	Studies, research and design	4000	100000	100000	50000	50000	50000
		Total of Ite		100000		50000		50000
31		Non-financial Assets						
3112		Devices, Machinery and Equipment						
5112	505	Equipment, Machines and Devices						
	055	Technical devices	125000	100000	0	50000	50000	50000
		Total of Ite			-	50000		50000
		Total of Project / Treasu		200000		100000		100000
D.,		-						100000
	oject	,				aq / Europea		
Fund	Sourc	e 102001 Capital (Treasury)						
Group	item	Description	Actual 2018	Estimated 2019	Re-estimated 2019	Estimated 2020	Indicative 2021	Indicative 2022
28	item	Other Expenditures	2010	2015	2013	2020	2021	
2822		Other Capital Expenditures						
2022	504	Studies, Research and Consultations						
	014	Studies, research and design	31500	500000	300000	100000	50000	0
	-	Total of Ite						0
31		Non-financial Assets						ř
3111		Buildings and Constructions						
3111	508	Works and Constructions						
	040	Constructions	0	500000	500000	200000	100000	0
		Total of Ite	m 0	500000		200000	100000	0
3112		Devices, Machinery and Equipment						
5112	505	Equipment, Machines and Devices						
	055	Technical devices	0	1000000	700000	200000	100000	0
		Total of Ite	-			200000	100000	0
		Total of Project / Treasu		2000000				0
_					1300000	500000	230000	v
	oject		lical Observator	У				
Fund	Sourc	e 102001 Capital (Treasury)						
Group	item	Description	Actual 2018	Estimated 2019	Re-estimated 2019	Estimated 2020	Indicative 2021	Indicative 2022
22		Use of Goods and Services						
2211		Use of Goods and Services					<u> </u>	
	512	Operating and Sustaining Expenditures				05000	05000	05000
	006	Devices, tools and equipment maintenance	0					25000
	012	Subscriptions, insurances	14828			0	-	0
		Total of Ite	m 14828	20000	20000	25000	25000	25000
31		Non-financial Assets						
3111		Buildings and Constructions					<u> </u>	
	508	Works and Constructions					<u> </u>	
	040	Constructions	0			0	-	0
		Total of Ite	m 0	20000	20000	0	0	0
3112		Devices, Machinery and Equipment						
	505	Equipment, Machines and Devices						
	044	Earthquakes seismograph devices	17678					25000
								10 - 0 0 0
		Total of Ite	m 17678	60000	60000	25000	25000	25000

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Pro				lices				
	ogram	3505 Energy Sector Developmer	it					
Pr	roject	047 Oil Shale Exploration						
Fund	Sourc	e102001 Capital (Treasury)						
Group	item	Description	Actual 2018	Estimated 2019	Re-estimated 2019	Estimated 2020	Indicative 2021	Indicative 2022
28		Other Expenditures						
2822		Other Capital Expenditures						
	504	Studies, Research and Consultations				-	-	-
	014	Studies, research and design	10950		20000	0	0	0
		Total of Item	10950		20000	0	0	0
		Total of Project / Treasury	10950	20000	20000	0	0	0
	roject							
Fund	Sourc	e102001 Capital (Treasury)						
Group	item	Description	Actual 2018	Estimated 2019	Re-estimated 2019	Estimated 2020	Indicative 2021	Indicative 2022
31		Non-financial Assets						
3111	500	Buildings and Constructions						
	508	Works and Constructions Construction of excavations and wells	40-00	100000		50000		50000
	016		13792		50000	50000	50000	50000
		Total of Item	13792				50000	50000
		Total of Project / Treasury	13792	100000	50000	50000	50000	50000
	roject		arketing expl	orative areas				
Fund	Sourc	e102001 Capital (Treasury)						
Crown		Description	Actual	Estimatod	Po_ostimatod	Cating at a d		
Group	item	Decemption	2018	2019	2019	2020	Indicative 2021	Indicative 2022
22	item	Use of Goods and Services						
		Use of Goods and Services Use of Goods and Services						
22	512	Use of Goods and Services Use of Goods and Services Operating and Sustaining Expenditures	2018	2019	2019	2020	2021	2022
22		Use of Goods and Services Use of Goods and Services Operating and Sustaining Expenditures Subscriptions, insurances	2018 0	2019 0	2019 0	2020	2021	2022
22 2211	512	Use of Goods and Services Use of Goods and Services Operating and Sustaining Expenditures Subscriptions, insurances Total of Item	2018	2019	2019	2020	2021	2022
22 2211 31	512	Use of Goods and Services Use of Goods and Services Operating and Sustaining Expenditures Subscriptions, insurances Total of Item Non-financial Assets	2018 0	2019 0	2019 0	2020	2021	2022
22 2211	512 012	Use of Goods and Services Use of Goods and Services Operating and Sustaining Expenditures Subscriptions, insurances Total of Item Non-financial Assets Buildings and Constructions	2018 0	2019 0	2019 0	2020	2021	2022
22 2211 31	512 012 508	Use of Goods and Services Use of Goods and Services Operating and Sustaining Expenditures Subscriptions, insurances Total of Item Non-financial Assets Buildings and Constructions Works and Constructions	2018 0 0	2019 0 0	2019 0 0	2020	2021 200000 200000	2022 200000 200000
22 2211 31	512 012	Use of Goods and Services Use of Goods and Services Operating and Sustaining Expenditures Subscriptions, insurances Total of Item Non-financial Assets Buildings and Constructions Works and Constructions Constructions	2018 0 0 300000	2019 0 0 200000	2019 0 0 100000	2020 100000 100000 2900000	2021 200000 200000 1300000	2022 200000 200000 1300000
22 2211 31	512 012 508	Use of Goods and Services Use of Goods and Services Operating and Sustaining Expenditures Subscriptions, insurances Total of Item Non-financial Assets Buildings and Constructions Works and Constructions Constructions Total of Item	2018 0 0 300000 300000	2019 0 0 200000 200000	2019 0 0 100000 100000	2020 100000 100000 2900000 2900000	2021 200000 200000 1300000 1300000	2022 200000 200000 1300000 1300000
22 2211 31 3111	512 012 508 040	Use of Goods and Services Use of Goods and Services Operating and Sustaining Expenditures Subscriptions, insurances Total of Item Non-financial Assets Buildings and Constructions Works and Constructions Constructions Total of Item Total of Item	2018 0 0 300000	2019 0 0 200000 200000	2019 0 0 100000	2020 100000 100000 2900000 2900000	2021 200000 200000 1300000	2022 200000 200000 1300000
22 2211 31 3111 Pr	512 012 508 040	Use of Goods and Services Use of Goods and Services Operating and Sustaining Expenditures Subscriptions, insurances Total of Item Non-financial Assets Buildings and Constructions Works and Constructions Works and Constructions Constructions Total of Item Total of Item Total of Project / Treasury 050 Solar panels for houses	2018 0 0 300000 300000	2019 0 0 200000 200000	2019 0 0 100000 100000	2020 100000 100000 2900000 2900000	2021 200000 200000 1300000 1300000	2022 200000 200000 1300000 1300000
22 2211 31 3111 Pr	512 012 508 040	Use of Goods and Services Use of Goods and Services Operating and Sustaining Expenditures Subscriptions, insurances Total of Item Non-financial Assets Buildings and Constructions Works and Constructions Works and Constructions Total of Item Total of Item Total of Item 050 Solar panels for houses e 102001 Capital (Treasury)	2018 0 0 300000 300000	2019 0 0 200000 200000 200000	2019 0 0 100000 100000 100000	2020 100000 100000 2900000 2900000 3000000	2021 200000 200000 1300000 1300000 1500000	2022 200000 200000 1300000 1300000
22 2211 31 3111 Fund	512 012 508 040 roject Sourc	Use of Goods and Services Use of Goods and Services Operating and Sustaining Expenditures Subscriptions, insurances Total of Item Non-financial Assets Buildings and Constructions Works and Constructions Works and Constructions Constructions Total of Item Total of Item Total of Project / Treasury 050 Solar panels for houses	2018 0 0 300000 300000 300000	2019 0 0 200000 200000 200000 Estimated	2019 0 0 100000 100000 100000	2020 100000 100000 2900000 2900000 3000000 Estimated	2021 200000 200000 1300000 1300000 1500000	2022 200000 200000 1300000 1300000 1500000
22 2211 31 3111 Fund Group	512 012 508 040	Use of Goods and Services Use of Goods and Services Operating and Sustaining Expenditures Subscriptions, insurances Total of Item Non-financial Assets Buildings and Constructions Works and Constructions Works and Constructions Total of Item Total of Item Total of Project / Treasury 050 Solar panels for houses e 102001 Capital (Treasury) Description	2018 0 0 300000 300000 300000	2019 0 0 200000 200000 200000	2019 0 0 100000 100000 100000	2020 100000 100000 2900000 2900000 3000000	2021 200000 200000 1300000 1300000 1500000	2022 200000 200000 1300000 1300000 1500000
22 2211 31 3111 Fund Group 31	512 012 508 040 roject Sourc	Use of Goods and Services Use of Goods and Services Operating and Sustaining Expenditures Subscriptions, insurances Total of Item Non-financial Assets Buildings and Constructions Works and Constructions Constructions Constructions Total of Item Total of Item Total of Project / Treasury 050 Solar panels for houses e 102001 Capital (Treasury) Description Non-financial Assets	2018 0 0 300000 300000 300000	2019 0 0 200000 200000 200000 Estimated	2019 0 0 100000 100000 100000	2020 100000 100000 2900000 2900000 3000000 Estimated	2021 200000 200000 1300000 1300000 1500000	2022 200000 200000 1300000 1300000 1500000
22 2211 31 3111 Fund Group	512 012 508 040 roject Sourc	Use of Goods and Services Use of Goods and Services Operating and Sustaining Expenditures Subscriptions, insurances Total of Item Non-financial Assets Buildings and Constructions Works and Constructions Works and Constructions Total of Item Total of Item Total of Project / Treasury 050 Solar panels for houses e 102001 Capital (Treasury) Description	2018 0 0 300000 300000 300000	2019 0 0 200000 200000 200000 Estimated	2019 0 0 100000 100000 100000	2020 100000 100000 2900000 2900000 3000000 Estimated	2021 200000 200000 1300000 1300000 1500000	2022 200000 200000 1300000 1300000 1500000
22 2211 31 3111 Fund Group 31	512 012 508 040 roject Sourc	Use of Goods and Services Use of Goods and Services Operating and Sustaining Expenditures Subscriptions, insurances Total of Item Non-financial Assets Buildings and Constructions Works and Constructions Constructions Constructions Total of Item Total of Item Total of Project / Treasury 050 Solar panels for houses e 102001 Capital (Treasury) Description Non-financial Assets Devices, Machinery and Equipment	2018 0 0 300000 300000 300000	2019 0 0 200000 200000 200000 Estimated	2019 0 0 100000 100000 100000	2020 100000 100000 2900000 2900000 3000000 Estimated	2021 200000 200000 1300000 1300000 1500000	2022 200000 200000 1300000 1300000 1500000
22 2211 31 3111 Fund Group 31	512 012 508 040 roject Sourc item	Use of Goods and Services Use of Goods and Services Operating and Sustaining Expenditures Subscriptions, insurances Total of Item Non-financial Assets Buildings and Constructions Works and Constructions Constructions Constructions Total of Item Total of Project / Treasury 050 Solar panels for houses e 102001 Capital (Treasury) Description Non-financial Assets Devices, Machinery and Equipment Equipment, Machines and Devices Modernizing and developing devices and	2018 0 0 300000 300000 300000 300000 4 4 4 2018 1 2018	2019 2019 0 0 200000 200000 200000 200000 Estimated 2019 100000	2019 0 0 100000 100000 100000 Re-estimated 2019	2020 100000 100000 2900000 2900000 3000000 Estimated 2020 150000	2021 200000 200000 1300000 1300000 1500000 Indicative 2021	2022 200000 200000 1300000 1300000 1500000 Indicative 2022

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	•	2001 Ministry of Energy and Mine		11669				(IN JDS
Pro	ogram	3505 Energy Sector Development	ί					
	roject							
Fund	Sourc	e102001 Capital (Treasury)						
Group	item	Description	Actual 2018	Estimated 2019	Re-estimated 2019	Estimated 2020	Indicative 2021	Indicativ 2022
31		Non-financial Assets						
3112		Devices, Machinery and Equipment						
	505	Equipment, Machines and Devices						
	069	Modernizing and developing devices and equipment	1634388			500000	500000	500000
		Total of Item	1634388			500000	500000	500000
		Total of Project / Treasury	1634388	1200000	1200000	500000	500000	500000
Pr	roject	052 Seismic and geological surveys						
Fund	Sourc	e102001 Capital (Treasury)						
Group	item	Description	Actual 2018	Estimated 2019	Re-estimated 2019	Estimated 2020	Indicative 2021	Indicativ 2022
28		Other Expenditures						
2822		Other Capital Expenditures						
	504	Studies, Research and Consultations						
	014	Studies, research and design	56321	100000	50000	50000	50000	50000
		Total of Item	56321	100000	50000	50000	50000	50000
		Total of Project / Treasury	56321	100000	50000	50000	50000	50000
Pr	oject	054 Implementation of the National Ene	rgy Efficien	cy Plan	1	I		
	-	e102001 Capital (Treasury)						
		Description	Actual	Estimated	Re-estimated	Estimated	Indicative	Indicativ
Group	item		2018	2019	2019	2020	2021	2022
28		Other Expenditures						
2822		Other Capital Expenditures						
	504	Studies, Research and Consultations						
	014	Studies, research and design	0			50000	50000	50000
		Total of Item	0			50000	50000	50000
		Total of Project / Treasury	0		50000	50000	50000	50000
Pr	roject	055 Executing the natural gas line / She	eikh Hussein	Crossing				
Fund	Sourc	e102001 Capital (Treasury)						
_		Description	Actual				Indicative	
Group	item	New financial Access	2018	2019	2019	2020	2021	2022
31		Non-financial Assets						
3141	507	Lands						
	001	Lands expropriation and purchase	99334	2500000	2500000	0	7500000	7500000
		Total of Item	99334		2500000	0	7500000	7500000
			99334		2500000	0	7500000	7500000
		Total of Project / Treasury				-		100000
	roject		generating	electricity fo	I THE 6-IVIVV S	ynenrotron-l	igni	
Fund	Sourc	e102001 Capital (Treasury)			1_			
Group	item	Description	Actual 2018	Estimated 2019	Re-estimated 2019	Estimated 2020	Indicative 2021	Indicativ 2022
31		Non-financial Assets						
3112		Devices, Machinery and Equipment						
	505	Equipment, Machines and Devices						
	062	Solar cells systems and equipment	1400000	510000	510000	0	0	0
		Total of Item	1400000	510000	510000	0	0	0
		Total of item	1400000	510000	510000	U C	U	۲

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	-		istry of Energy and Mine						(IN JDS
Pro	ogram		ergy Sector Development	[
Pr	roject	t 058 Insu	lation of roofs of houses						
Fund	Sourc	ce102001	Capital (Treasury)						
Group	item		Description	Actual 2018	Estimated 2019	Re-estimated 2019	Estimated 2020	Indicative 2021	Indicative 2022
31		Non-financial							
3112			ninery and Equipment						
	505		achines and Devices						
	069	Modernizing a equipment	and developing devices and	0	0	0	50000	50000	50000
			Total of Item	0	0	0	50000	50000	50000
		•	Total of Project / Treasury	0	0	0	50000	50000	50000
Pr	roject	t 059 Sola	r panels for mosques						
	-	- ce102001	Capital (Treasury)						
-			Description	Actual			Estimated	Indicative	Indicativ
Group	item	New Core	A	2018	2019	2019	2020	2021	2022
31		Non-financial							<u> </u>
3112	505		ninery and Equipment achines and Devices						
	069		achines and Devices and developing devices and	337180	500000	300000	250000	500000	600000
	009	equipment							
			Total of Item	337180	500000	300000	250000	500000	600000
		•	Total of Project / Treasury	337180	500000	300000	250000	500000	600000
Pr	roject	t 060 Geo-	chemical and Geo-physical st	udies		,			
Fund	Sourc	ce102001	Capital (Treasury)						
Group	item		Description	Actual 2018	Estimated 2019	Re-estimated 2019	Estimated 2020	Indicative 2021	Indicativ 2022
28		Other Expend	litures						
2822		Other Capital	Expenditures						
	504	Studies, Rese	arch and Consultations						
	014	Studies, resea	arch and design	9245	20000	20000	50000	0	0
		•	Total of Item	9245	20000	20000	50000	0	0
		•	Total of Project / Treasury	9245	20000	20000	50000	0	0
Pr	roject	t 061 Expa	ansion of electricity generation	project usi	ng solar pane	ls in Azraq /	(1 MW / Euro	pean grant)	1
		ce102001	Capital (Treasury)						
Group	item		Description	Actual 2018	Estimated 2019	Re-estimated 2019	Estimated 2020	Indicative 2021	Indicativ 2022
28		Other Expend							
2822		Other Capital	•						
	504		arch and Consultations						
	014	Studies, resea				0	80000	0	0
				0	0				0
			arch and design Total of Item	0	0		80000	0	P
31		Non-financial	Total of Item Assets		-		80000	0	•
31 3111		Buildings and	Total of Item Assets Constructions		-		80000	0	
	508	Buildings and Works and Co	Total of Item Assets Constructions onstructions	0	0	0			
	508 040	Buildings and	Total of Item Assets Constructions onstructions s	0	0 200000	0 50000	420000	400000	0
3111		Buildings and Works and Co Constructions	Total of Item Assets Constructions onstructions Total of Item	0	0	0			
	040	Buildings and Works and Co Constructions Devices, Mach	Total of Item Assets Constructions onstructions Total of Item ninery and Equipment	0	0 200000	0 50000	420000	400000	0
3111	040 505	Buildings and Works and Co Constructions Devices, Mach Equipment, M	Total of Item Assets Constructions onstructions S Total of Item inery and Equipment achines and Devices	0	0 200000 200000	0 50000 50000	420000 420000	400000	0
3111	040	Buildings and Works and Co Constructions Devices, Mach	Total of Item Assets Constructions onstructions Total of Item ninery and Equipment achines and Devices rices	0	0 200000 200000 200000 700000	0 50000 50000 0	420000 420000 250000	400000 400000 0	0
3111	040 505	Buildings and Works and Co Constructions Devices, Mach Equipment, M Technical dev	Total of Item Assets Constructions onstructions S Total of Item inery and Equipment achines and Devices	0	0 200000 200000	0 50000 50000	420000 420000	400000	0

Cha	apter :	: 2001 Min	istry of Energy and Mine	eral Reso	urces				(In JDs
Pro	ogram	3505 Ene	ergy Sector Developmen	t					
Pr	oject	064 Insta	allation of electricity by conver	ntional elect	ricity / Fils Al-	Reef			
	-	e102001	Capital (Treasury)						
Group	item	Description		Actual 2018	Estimated 2019	Re-estimated 2019	Estimated 2020	Indicative 2021	Indicativ 2022
31		Non-financial Assets							
3111		Buildings and Constructions							
	508	Works and Constructions							
	040	Constructions		0	0	0	2000000	2000000	2000000
	Total of Item			0	0	D	2000000	2000000	2000000
	Total of Project / Treasury		0	0	0	2000000	2000000	2000000	
Pr	oject	065 Insta	allation projects of grid connec	cted and not	connected so	olar panels s	ystems / Fils	Al-Reef	
Fund S	Sourc	e102001	Capital (Treasury)						
Group	item	Description		Actual 2018	Estimated 2019	Re-estimated 2019	Estimated 2020	Indicative 2021	Indicativ 2022
31		Non-financial Assets							
3112		Devices, Machinery and Equipment							
	505	Equipment, Machines and Devices							
	062	Solar cells systems and equipment		0	0	0	7000000	600000	6000000
	Total of Item		0	0	0	7000000	600000	6000000	
	Total of Project / Treasury		0	0	D	7000000	600000	6000000	
Pr	oject	066 Repl	acement of streetlights units i	n all the mu	nicipalities an	d camps of t	he Kingdom	/ Fils Al-Ree	f
	-	e102001	Capital (Treasury)						
Group	item		Description	Actual 2018	Estimated 2019	Re-estimated 2019	Estimated 2020	Indicative 2021	Indicativ 2022
31		Non-financial Assets							
3112		Devices, Machinery and Equipment							
	505	Equipment, Machines and Devices							
	055	Technical devices		0	0	0	2000000	2000000	2000000
	Total of Item			0	0	0	2000000	2000000	2000000
	Total of Project / Treasury			0	0	D	2000000	2000000	2000000
Pr	oiect	067 Fees	for storing and recycling stra	tegic stocks	5	1			
		e102001	Capital (Treasury)						
i unu s									
Group	item		Description	Actual 2018	Estimated 2019	Re-estimated 2019	Estimated 2020	Indicative 2021	Indicativ 2022
	item	Use of Goods							Indicative 2022
Group	item	Use of Goods	Description s and Services						
Group 22	item 512	Use of Goods	Description s and Services						
Group 22		Use of Goods	Description and Services and Services					2021	
Group 22	512	Use of Goods Operating and	Description and Services and Services		2019		2020 0	2021	2022
Group 22	512	Use of Goods Operating and Storage fees	Description and Services and Services d Sustaining Expenditures	2018 	2019 0	2019 0	2020 0	2021	2022
Group 22	512	Use of Goods Operating and Storage fees	Description and Services and Services d Sustaining Expenditures Total of Item	2018 0 0	2019 0 0	2019 0 0 0	2020 0 0 0	2021 1000000 1000000 1000000	2022 1000000 1000000