



MINISTRY OF ENERGY AND MINERAL RESOURCES

ENERGY 2015 - Facts & Figures

General Indicators

	2010	2011	2012	2013	2014
Population (000)	6113	6250	6388	6530	6650
GDP (Million JD) at current price	19527.9	20477	21965	23852	25437
GDP Per Capita (JD)	3194	3276	3432	3653	3825
Energy Intensity (Kgoe/1000\$ in fixed price)	210	209	208	208	207
Per Capita Primary Energy Consumption (kgoe)	1204	1193	1247	1249	1272
Per Capita Consumption of Electricity (kwh)	2101	2166	2230	2235	2318
Percentage of Population Supplied with Electricity(%)	99.9	99.9	99.9	99.9	99.9

Abbreviations

GDP	Gross Domestic Product
JD	Jordan Dinar (1000 Fils)
JD 1	\$ 1.41 in 2014
kgoe	Kilogram Oil Equivalent
TOE	Ton Oil Equivalent
MW	Megawatt (1000 KW)
GWh	Gegawatt-hour (10^6 KWh)
CF	Cubic Feet
Energy Intensity	Energy required to Produce one unit from GDP Constant prices

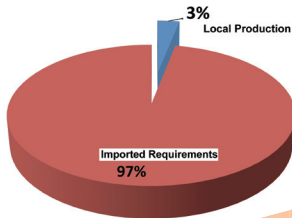
Jordan Energy Balance (000 TOE) Year 2014

Sector	Crude Oil	Fuel Oil	Diesel	Gasoline	LPG	Kerosene	Jet Fuel	Other	Total Oil	Coal	Bet Coke	L Coke	N. gas	Electricity	Solar Energy	Total Energy
Indigenous Production	0.7								0.7				97.5	15.6	152.1	265.8
Imports	3224.7	1191.4	2418.5	541.3	313.4		26.7		7716.0	332.0	59.3	29.1	203.2	109.5		8449.1
Exports														16.1		16.1
Bunkers		0.4	1.6				123.1		125.1							125.1
Stock Changes	46.0	2.3	26.4	1.6	6.1	14.4	16.6	-0.5	112.8							112.8
Primary Energy Supply	3179.4	1188.8	2390.5	539.7	307.3	-14.4	-113.0	0.5	7478.9	332.0	59.3	29.1	300.7	108.9	152.1	8461.2
Oil Sector	-3179.4	785.0	948.2	660.4	100.8	65.0	329.4	151.3	-139.3							-139.3
Electricity		1665.0	1759.0						-3424.0				-300.7	1571.1		2153.5
Transp. & Dist. Losses														269.3		269.3
Cons. Energy Supply		177.0	0.1					43.0	220.0					81.30		301.3
Final Energy Consump.	0.0	131.8	1579.5	1200.2	408.1	50.6	216.4	108.9	3695.5	332.0	59.3	29.1	0.0	1325.9	152.1	5594.0
Industry		126.2	191.0		8.4				325.5	332.0	59.3	29.1		333.4		1079.4
Transport		5.6	1123.4	1212.9			216.4		2558.3							2558.3
Household			81.8		328.3	50.6			460.7					565.9	125.0	1151.7
Services			47.8		60.9				108.6					202.8	27.1	338.5
Others			144.9		10.6				155.5					223.8		379.3
Non-Energy use								108.9	108.9							108.9
Statistical Differences	0.0	0.0	-9.3	-12.7	0.0	0.0	0.0	0.0	-22.1	0.0	0.0	0.0	0.0	0.0	0.0	-22.0

Local Production of Oil & Natural Gas

	2010	2011	2012	2013	2014
Crude Oil (000 Toe)	1.2	0.9	1.1	1	1
N.Gas (Billion CF)	6.5	6.4	5.8	5.3	4.6
Total (000 Toe)	138	135	122	112	97

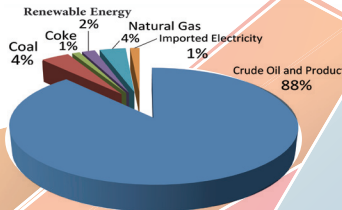
Local Production Share of Total Energy Requirements 2014



Primary Energy Consumption (000 Toe)

	2010	2011	2012	2013	2014
Crude Oil and Products	4774	6141	6992	6689	7479
Coal	0	0	226	204	332
Coke	0	0	0	116	88
Renewable Energy	141	130	140	145	152
Natural Gas	2289	873	659	907	301
Imported Electricity	168	313	188	96	109
Total	7357	7457	8205	8157	8461

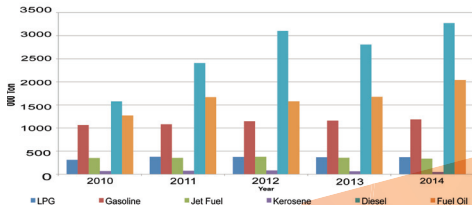
Primary Energy Consumption 2014



Petroleum Products Consumption (000 Ton)

	2010	2011	2012	2013	2014
LPG	312	378	377	368	371
Gasoline	1065	1083	1147	1161	1187
Jet Fuel	351	354	379	357	339
Kerosene	69	75	81	63	49
Diesel	1577	2407	3103	2810	3274
Fuel Oil	1273	1670	1578	1679	2041

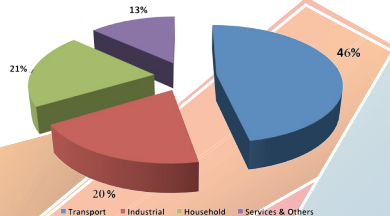
Petroleum Products Consumption



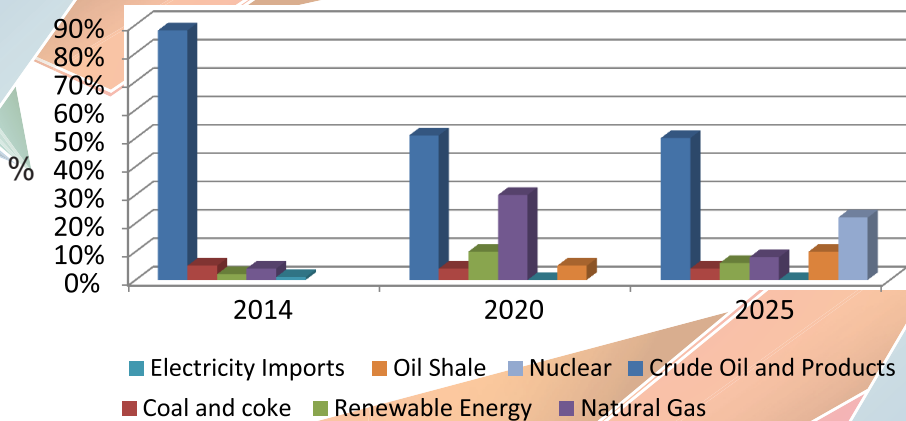
Final Energy Consumption (000 Toe)

	2010	2011	2012	2013	2014
Transport	1991	2012	2520	2734	2558
Industrial	1014	961	921	924	1079
Household	1019	1136	1198	1109	1152
Services & Others	849	779	744	617	718
Total	4873	4888	5383	5384	5507

Final Energy Consumption by Sector 2014



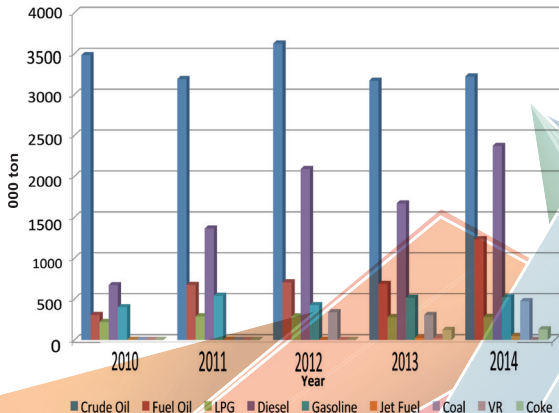
Jordan's Primary Energy Sources (2014-2025)



Import of Crude Oil , Oil Products , Coal , Coke (000 Ton).

	2010	2011	2012	2013	2014
Crude Oil	3481	3189	3623	3170	3221
Fuel Oil	307	674	703	685	1232
LPG	219	288	288	280	282
Diesel	670	1361	2089	1670	2373
Gasoline	400	540	426	515	520
Jet Fuel	1	1	1	27	51
Coal	0	0	340	306	474
VR	0	0	0	23	0
Coke	0	0	0	123	130
Total	5078	6137	7130	6799	8283

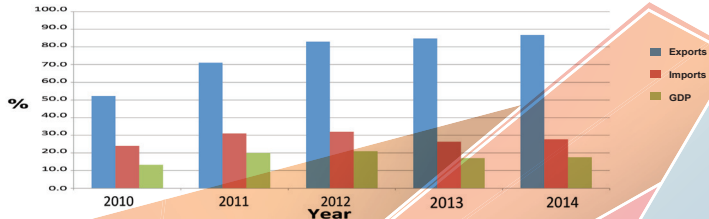
Import of Crude Oil , Oil Products , Coal , Coke.



Cost of Consumed Energy

Year	Cost of Consumed Energy (Million JD)	Cost of Consumed Energy Related to		
		Exports%	Imports%	GDP%
2010	2603	52.2	24	13.3
2011	4019	71.0	31	20
2012	4631	82.7	31.5	21.1
2013	4076	84.8	26.3	17.1
2014	4480	86.8	27.7	17.6

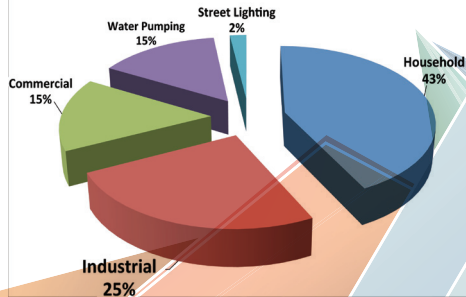
Cost of Consumed Energy as a Percentage of Exports, Imports and GDP



Electricity Consumption (GWh)

	2010	2011	2012	2013	2014
Household	5219	5548	6126	6265	6580
Industrial	3258	3445	3461	3541	3877
Commercial	2184	2269	2427	2415	2358
Water Pumping	1867	1939	1955	2076	2287
Street Lighting	315	334	305	291	316
Total	12843	13535	14274	14588	15418

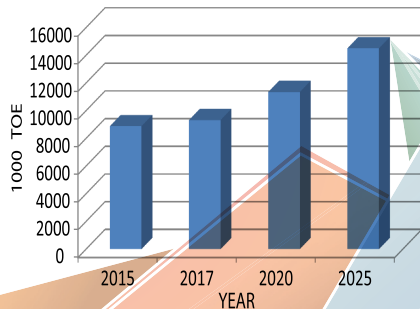
Electrical Energy Consumption by Sector 2014



Energy and Electricity Demand Forecast in Jordan

Primary Energy			Max. Demand		Electrical Energy	
	TOE		MW	Growth%	Gwh	Growth%
2015	8876	4.9	3200	6.2	18600	4
2017	9320	5.0	3596	6.1	20800	5.9
2020	11339	5.1	4300	6.3	25060	6.6
2025	14499	5.5	5807	6.4	34489	7

Primary Energy Demand Forecast (2015 - 2025)



FACTS

- The third IPP project implemented by consortium of (KEPCO, Mitsubishi, and Wartsela) with installed capacity of 573 MW using diesel engines technology with total cost US\$ 778 million. The Project was commercially operated on 23/10/2014.
- The fourth IPP project implemented by AES and Mitsui consortium, with installed capacity of 240 MW using diesel engines technology with total cost US\$ 370 million. The Project was commercially operated on 11/7/2014.
- As a part in proceeding forward to execute the LNG project in Aqaba; the (FSRU Lease Agreement) was signed with Golar LNG Ltd. on 31.7.2013, and the (The Sales and Purchase Agreement) was signed between NEPCO and Shell on 21/1/2015. The Aqaba Liquefied Natural Gas Terminal Project expected to be completed and start the operation in July 2015.
- Aqaba Oil Terminal with total capacity of (120) thousand cubic meter is executing by CDIG Company, the expected completion date on Feb. 2016.
- Aqaba LPG Terminal with total capacity of (6000) metric tons is executing by CDIG company , the expected completion date on Feb. 2016
- Amman strategic reserve terminal for petroleum products project with total capacity of (372) thousand cubic meter for white products and (10000) metric tons for LPG is executing by (OHL-MID) joint venture, the expected completion date on Oct. 2016.
- The Jordan Renewable Energy and Energy Efficiency Fund (JREEEF) finalized its bylaw and Strategic plan until 2018.
- On 10 February 2015, MEMR received (34) Solar PV proposals under the Direct Proposal Submission / second stage, currently under evaluation and expected to develop around (200) MW for this stage.
- (66) MW Wind project at Maan, awarded to a Spanish contractor on 24 July 2014, is currently under construction to be operational by beginning of 2016.
- Under the direct Proposal Submission / Stage1MEMR received on 30 September 2014, (4) Wind energy proposals with total capacity of about (230) MW, and a proposal from Korean Company (KEPCO) for (90) MW wind project at fujej. All projects currently under negotiations.

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