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14.02	Electric Units Produced by Station - Million kW/Hour- (1997 - 2007)	الوحدات الكهربائية المولدة حسب المحطة - مليون كيلووات/ساعة (2007-1997)
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14.10	Water Supply Connection By Utilization (2002 - 2007)	توصيلات ادارة توزيع المياه الجديدة حسب الإستخدام (2007 - 2002)
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Table 14.01

(2007 1997)

Number of Consumers, Installed Capacity, Units Produced, Maximum and Minimum Demand and Load Factor of Electric Power (1997 - 2007)

Period	Load Factor	Minimum Demand Mega-Watt	Maximum Demand Mega-Watt	Energy Demand Million kW/hr	**		
					Installed Capacity Mega-Watt	Number of Consumers	
1997	55.1	226	1,044	5,041	986	167,684	1997
1998	49.6	248	1,159	5,773	986	171,322	1998
1999	55.9	260	1,216	5,956	1,063	175,422	1999
2000	55.0	255	1,307	6,297	1,199	180,284	2000
2001	56.2	296	1,376	6,779	1,209	187,145	2001
2002	57.0	326	1,459	7,278	1,359	193,501	2002
2003	57.8	535	1,535	7,768	1,609	200,622	2003
2004	57.8	397	1,632	8,267	1,849	211,111	2004
2005	57.8	411	1,725	8,867	1,849	221,101	2005
2006	58.4	445	1,906	9,744	2,319	234,416	2006
2007	57.1	494	2,136	10,689	2,767		2007
Jan	74.4	494	933	516.6	2,287		
Feb	77.3	494	869	451.6	2,287		
Mar	69.1	511	1,072	550.9	2,287		
Apr	66.8	628	1,505	724.2	2,287		
May	73.2	1,030	1,950	1061.7	2,767		
Jun	85.6	1,362	1,899	1170.2	2,767		
Jul	83.1	1,388	2,051	1268.5	2,767		
Aug	85.4	1,441	2,086	1326.0	2,767		
Sep	81.1	1,309	2,136	1247.9	2,767		
Oct	78.1	1,073	1,792	1041.2	2,767		
Nov	74.5	640	1,376	737.7	2,767		
Dec	75.3	606	1,057	592.5	2,767		

* Total installed capacity for the year ending is estimated.

* *Exclude units produced by Alba

* Updated figure

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Table 14.02

(2007-1997) /

Electric Units Produced by Station - Million kW/Hour- (1997 - 2007)

Period	Total	Station							
		Import from Alba	Sitra	Riffa	Muharraq	Manama	Al Ezzel	Hidd	
1997	5,040.45	1,357.17	883.26	2,480.10	0.28	319.57	-	-	1997
1998	5,773.3	1,266.04	924.08	3,112.53	2.71	467.93	-	-	1998
1999	5,955.73	1,241.55	958.35	2,983.92	6.48	412.10	-	353.38	1999
2000	6,297.38	1,153.18	892.49	2,536.43	0.77	387.51	-	1,327.00	2000
2001	6,779.39	1,216.56	851.43	2,691.55	2.22	397.80	-	1,619.33	2001
2002	7,278.13	1,326.97	663.33	3169.12	5.99	331.00	-	1,781.70	2002
2003	7,767.58	1,145.03	920.52	2752.07	0.77	172.50	-	2,776.69	2003
2004	8,267.30	-180.00	914.73	2702.52	0.45	207.19	-	4,622.72	2004
2005	8,866.80	168.00	831.20	3210.00	0.60	172.20	-	4,484.80	2005
2006	9,744.60	3.40	920.00	3414.90	0.10	76.90	1325.70	4,003.70	2006
2007	10,688.96	-13.00	898.50	3277.03	0.00	0.00	2394.95	4,081.48	2007
Jan	516.61	-0.13	84.67	146.85	0.00	0.00	9.23	275.98	
Feb	451.62	-0.13	36.12	141.77	0.00	0.00	65.65	208.20	
Mar	550.85	-1.79	72.77	149.69	0.00	0.00	86.53	243.67	
Apr	724.23	-3.35	71.41	202.83	0.00	0.00	133.63	319.70	
May	1061.68	-0.10	57.03	298.94	0.00	0.00	279.32	417.49	
Jun	1170.15	-8.98	87.24	398.92	0.00	0.00	241.51	451.46	
Jul	1268.52	0.26	92.18	427.11	0.00	0.00	304.08	444.89	
Aug	1326.01	0.25	92.96	420.96	0.00	0.00	337.82	474.02	
Sep	1247.93	0.28	89.04	398.93	0.00	0.00	319.74	439.93	
Oct	1041.15	0.21	75.13	335.20	0.00	0.00	264.45	366.16	
Nov	737.71	0.15	71.31	208.03	0.00	0.00	177.21	281.01	
Dec	592.51	0.33	68.64	147.81	0.00	0.00	175.77	199.97	

Note: Figures may not add to total due to rounding

Table 14.03

(2007 - 1997) /

Electric Power Units Sent Out, Sold and Lost - Million KW/hour - (1997- 2007)

Year	Electric Power Units			
	Lost Units	Sold Units	Sent out Units	
1997	85.3	4,913.1	4,998.4	1997
1998	460.4	5,266.9	5,727.3	1998
1999	392.8	5,469.0	5,861.8	1999
2000	557.1	5,515.0	6,072.1	2000
2001	575.9	5,950.9	5,310.2	2001
2002	543.2	6,454.6	5,670.8	2002
2003	303.2	7,170.9	6,329.1	2003
2004	397.0	7,521.4	8,098.8	2004
2005	411.0	7,897.5	8,353.0	2005
2006	431.0	9,099.0	4,368.7	2006
2007			4,136.0	2007

Table 14.05

(2007-1997) -

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**Cost of Production and Value of Electrical Units Produced and Investment - ,000 BD -
(1997 - 2007)**

Year	Value of Investment	Value of Electrical Units Produced	Cost of Producing Electrical Units	
1996	234,500	50,926	62,855	1996
1997	237,000	51,797	66,392	1997
1998	222,800	57,355	64,096	1998
1999	243,700	60,179	61,733	1999
2000	438,655	61,524	64,128	2000
2001	453,024	57,415	68,867	2001
2002	535,784	60,808	72,091	2002
2003	571,062	67,887	75,992	2003
2004	575,104	72,596	77,867	2004
2005	574,847	76,404	105,749	2005
2006	350,232	88,453	131,150	2006
2007				2007

Table 14.06

/

(2007 2006)

Electric Units Consumed By Sector and Month, Monthly Per Capita Consumption - ,000 kW/hour - (2006 & 2007)

Month	(/) Per Capita Consumption in Domestic Sector (kW/hr)	Total Units Consumed	Sector				
			Domestic	Commercial	Industrial	Agricultural	
2006							
Jan	492	687,637,122	373,715,915	143,846,935	167,953,719	2,120,553	
Feb	240	433,674,269	182,405,153	130,845,194	118,172,388	2,251,534	
Mar	245	404,889,936	186,191,534	113,298,648	121,514,239	1,885,515	
Apr	243	416,841,082	184,532,998	138,832,840	91,410,051	2,065,193	
May	400	576,450,980	304,075,479	174,096,192	95,292,091	2,987,218	
Jun	843	986,147,482	641,189,773	226,923,492	113,948,802	4,085,415	
Jul	741	942,105,395	563,486,184	260,152,214	113,662,199	4,804,798	
Aug	81	1,056,881,605	61,932,345	311,186,508	121,386,108	5,076,644	
Sep	833	993,450,887	633,380,910	296,182,194	58,519,147	5,368,636	
Oct	777	1,011,555,225	590,682,601	277,593,978	138,444,782	4,833,864	
Nov	661	879,646,055	502,696,106	250,992,009	121,859,422	4,098,518	
Dec	439	711,602,404	334,017,554	259,166,084	115,381,421	3,037,345	
Total	6,706	9,100,882,442	5,097,606,552	2,583,116,288	1,377,544,369	42,615,233	
2007							
Jan							
Feb							
Mar							
Apr							
May							
Jun							
Jul							
Aug							
Sep							
Oct							
Nov							
Dec							
Total							

Table 14.07

(2007 1997)

Water Consumption by Month - 000,000 Gallons - (1997 - 2007)

Year	Total	Month												
		Dec	Nov	Oct	Sep	Aug	Jul	Jun	May	Apr	Mar	Feb		Jan
1997	24,565	1,989	1,914	2,170	2,129	2,186	2,230	2,111	2,144	1,965	1,933	1,806	1,981	1997
1998	25,204	2,087	2,077	2,227	2,184	2,247	2,270	2,180	2,197	2,035	1,991	1,749	1,960	1998
1999	25,663	2,133	2,133	2,258	2,235	2,308	2,310	2,190	2,224	2,083	2,001	1,731	2,018	1999
2000	27,931	2,367	2,272	2,421	2,446	2,573	2,561	2,474	2,408	2,231	2,148	1,953	2,077	2000
2001	29,766	2,525	2,523	2,612	2,569	2,707	2,719	2,538	2,546	2,383	2,380	2,069	2,195	2001
2002	30,382	2,568	2,605	2,735	2,686	2,750	2,747	2,615	2,591	2,363	2,366	2,052	2,304	2002
2003	32,204	2,658	2,700	2,848	2,794	2,879	2,898	2,789	2,786	2,555	2,575	2,244	2,478	2003
2004	33,820	2,744	2,857	2,997	2,947	2,970	2,974	2,862	2,905	2,701	2,755	2,488	2,619	2004
2005	34,941	2,908	2,859	3,009	3,018	3,108	3,111	3,008	3,051	2,846	2,808	2,479	2,737	2005
2006	36,661	2,936	3,082	3,277	3,200	3,259	3,276	3,154	3,141	2,932	2,948	2,613	2,843	2006
2007	37,954	3,236	3,208	3,336	3,295	3,369	3,369	3,232	3,234	3,072	3,079	2,616	2,909	2007

Table 14.08

(2007 1997)

Daily Average of Water Consumption By Month - 000,000 Gallons - (1997 -2007)

Year	Annual Average	Month												
		Dec	Nov	Oct	Sep	Aug	Jul	Jun	May	Apr	Mar	Feb		Jan
1997	64.19	64.58	63.82	70.03	70.98	70.52	71.97	70.37	69.19	65.53	62.38	64.52	63.91	1997
1998	69.05	67.33	69.22	71.83	72.79	72.49	73.23	72.65	70.86	67.85	64.23	62.46	63.24	1998
1999	70.31	70.27	71.09	72.83	74.49	74.44	74.51	72.97	71.75	69.45	64.54	61.82	64.94	1999
2000	76.31	76.34	75.74	78.10	81.53	83.00	82.63	82.45	77.66	74.38	69.28	67.33	67.00	2000
2001	81.50	81.46	84.08	84.26	85.62	87.33	87.71	84.59	82.12	79.42	76.78	73.89	70.80	2001
2002	83.20	82.84	86.86	88.25	89.55	88.73	88.62	87.19	83.59	78.77	76.34	73.29	74.33	2002
2003	88.19	85.75	90.00	91.88	93.13	82.88	93.49	92.97	89.87	85.15	83.05	80.15	79.93	2003
2004	92.39	88.53	95.24	96.68	98.22	95.81	95.93	95.41	93.71	90.04	88.88	85.79	84.49	2004
2005	95.73	93.87	95.40	97.25	100.81	100.35	100.35	100.26	98.43	94.86	90.34	88.52	88.29	2005
2006	100.41	94.72	102.74	105.70	106.67	105.12	105.69	105.13	101.34	97.72	95.08	93.31	91.72	2006
2007	103.95	104.37	106.94	107.61	109.85	108.69	108.68	107.72	104.32	102.39	99.32	93.42	94.12	2007

Table 14.09**(2007 - 1997)****Water Production - 000,000 Gallons - (1997 - 2007)**

Year	Total	Production		
		Distilled Water	Underground	
1997	24,576	12,710	11,866	1997
1998	25,202	13,207	11,995	1998
1999	25,663	13,480	12,183	1999
2000	27,930	17,881	10,049	2000
2001	29,765	19,823	9,942	2001
2002	30,387	20,108	10,279	2002
2003	32,111	21,687	10,425	2003
2004	33,877	23,255	10,622	2004
2005	35,700	24,500	11,200	2005
2006	36,684	26,116	10,569	2006
2007	37,997	29,101	8,896	2007

Table 14.10

(2007 - 2002)

Water Supply Connection By Utilization (2002 - 2007)

Utilizations	Year					
	2007	2006	2005	2004	2003	2002
Houses		3186	2973	2778	3,133	2,257
Matam		3	8	14	9	8
Mosques		13	20	7	15	15
Parks		6	21	3	17	11
Graveyards		1	2	1	1	4
Bore Holes		0	0	0	0	0
Pumping Stations		0	0	2	5	11
Pumps		2	2	1	0	0
Shops		213	245	225	298	227
Buildings		573	731	510	564	329
Flats		129	238	132	198	132
Garages		34	35	23	31	15
Animal Farms		2	14	12	10	8
Total		4162	4,289	3,708	4,281	3,017

جدول 14.11 Table

(2007-2006)

Water Supply Connection to Different Region By Utilization (2006-2007)

Utilization	Total	Region											
		مدينة حمد Hamad Town	حوار Hawar	الغربية Western	الرفاع Riffa	مدينة عيسى Isa Town	الوسطى Central	سitra	الشمالية Northern	جدهفص Jidhafs	المنامة Manama	المعرق Muharraq	الحد Hidd
2006													
Houses	3,186	83	-	249	247	59	451	219	331	236	217	961	133
Matams	3	-	-	-	-	-	-	-	-	2	1	-	-
Mosques	13	-	-	3	4	-	3	1	-	-	-	1	1
Parks	6	-	-	-	2	-	1	-	2	1	-	-	-
Graveyards	1	-	-	-	-	-	1	-	-	-	-	-	-
Bore Holes	-	-	-	-	-	-	-	-	-	-	-	-	-
Pumping Stations	-	-	-	-	-	-	-	-	-	-	-	-	-
Pumps	2	-	-	-	2	-	-	-	-	-	-	-	-
Shops	213	25	-	24	19	5	48	15	11	7	40	16	3
Buildings	573	2	-	9	88	15	101	39	18	41	176	73	11
Flats	129	1	-	6	27	4	16	23	14	8	9	14	7
Garages	34	-	-	13	4	-	6	7	-	1	-	-	3
Animal Farms	2	-	-	1	-	-	-	-	1	-	-	-	-
Total	4,162	111	-	305	393	83	627	304	377	296	443	1,065	158
2007													
Houses	2004	57	0	131	109	12	238	170	300	149	50	704	84
Matams	4	-	-	-	-	-	-	-	1	1	2	-	-
Mosques	10	1	-	1	5	-	1	-	-	1	1	-	-
Parks	12	-	-	3	-	-	3	2	1	1	1	1	-
Graveyards	1	-	-	-	-	-	-	-	-	-	-	1	-
Bore Holes	0	-	-	-	-	-	-	-	-	-	-	-	-
Pumping Stations	1	-	-	-	-	-	-	-	-	-	-	-	1
Pumps	0	-	-	-	-	-	-	-	-	-	-	-	-
Shops	151	8	-	25	15	6	31	11	10	6	29	9	1
Buildings	599	3	-	14	85	14	101	47	20	58	154	73	30
Flats	47	-	-	7	6	1	6	10	5	6	-	6	-
Garages	26	3	-	11	1	-	3	3	1	1	-	-	3
Animal Farms	1	-	-	-	-	-	-	-	1	-	-	-	-
Total	2856	72	0	192	221	33	383	243	339	223	237	794	119