



STATISTICAL REPORT

Year 2010



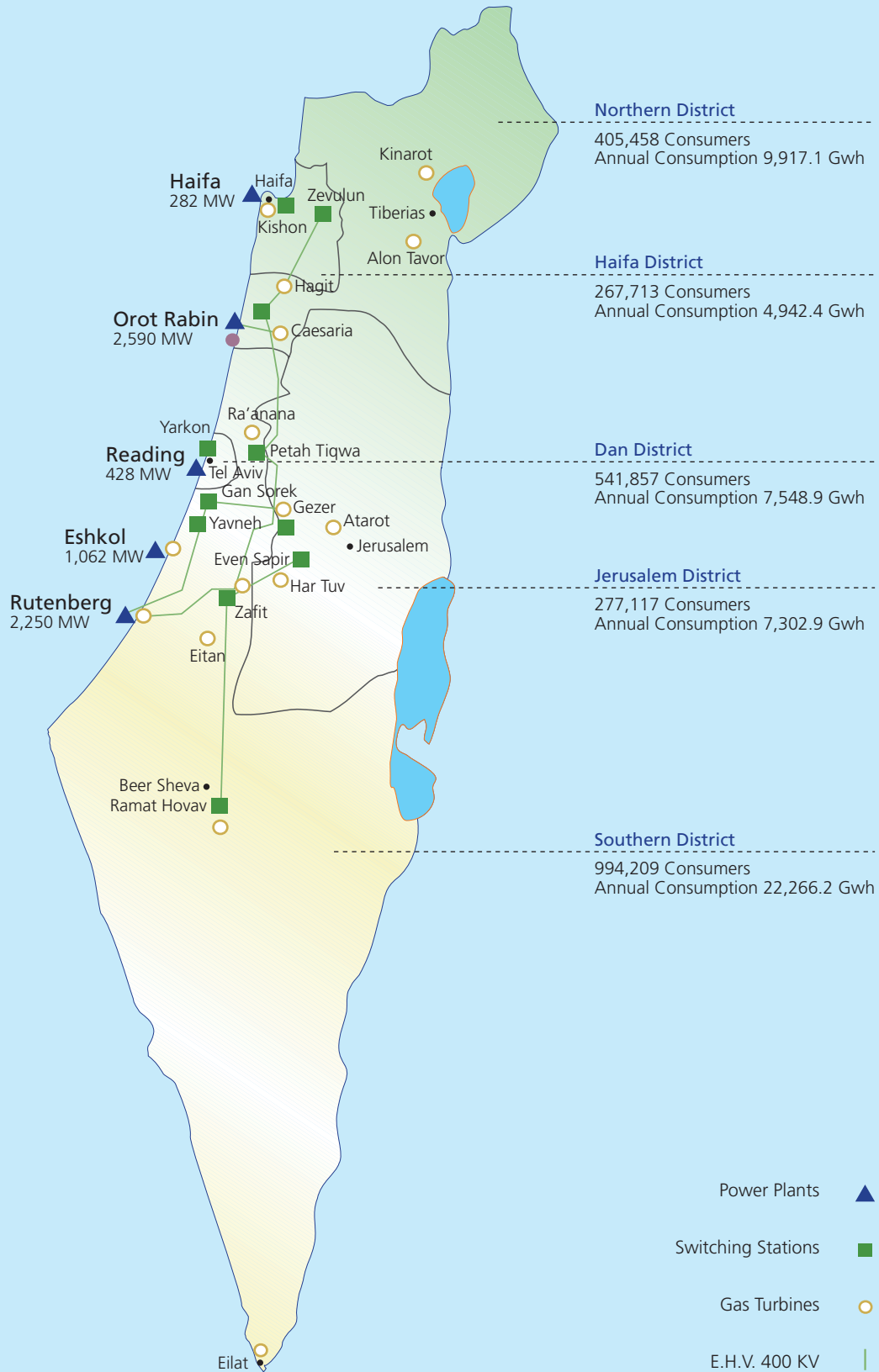
חברת החשמל
Israel Electric

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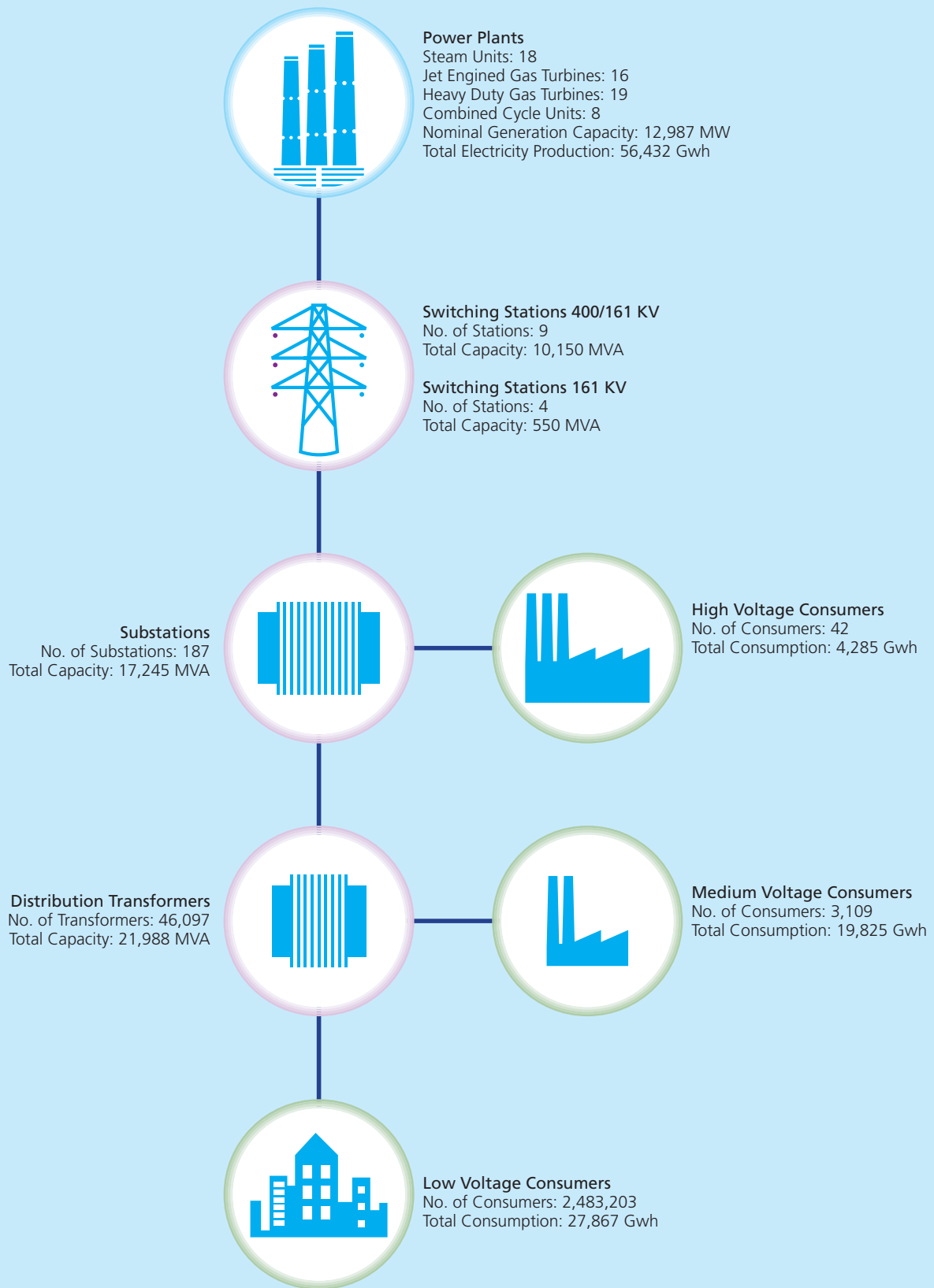
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1 District map and electricity generation system of the Israel Electric Corporation, 2010



2 Electricity supply system in Israel production, transmission, transformation and distribution

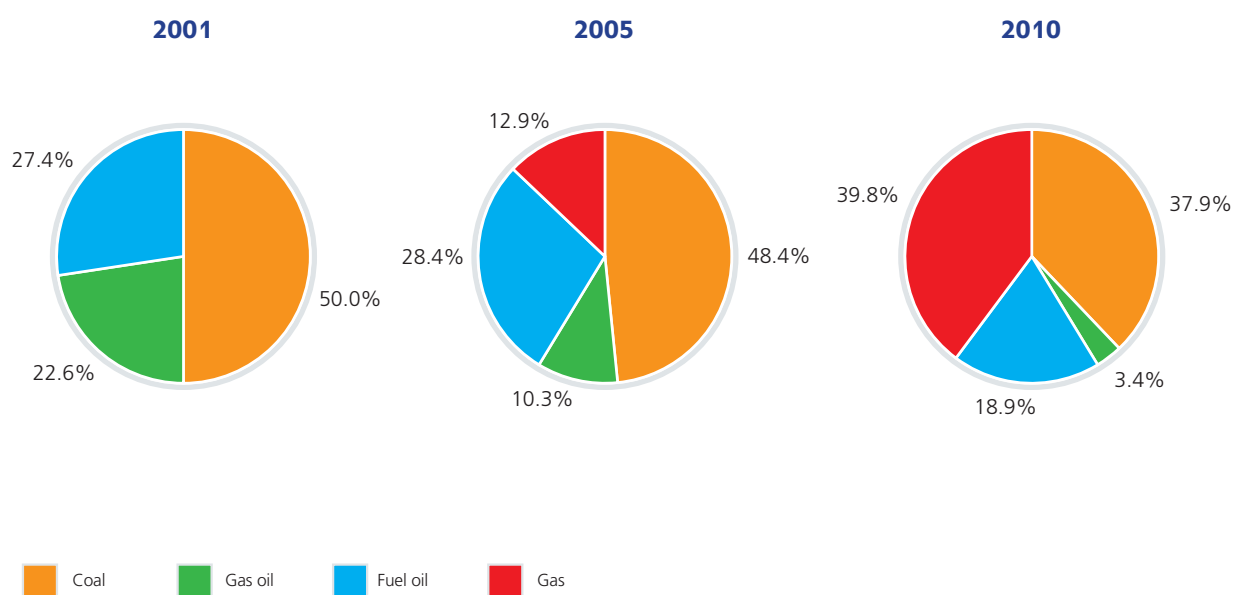


3 Nominal generating capacity by power plant sites

MW

Year	Power Station Sites					Private Producers	Gas Turbines		Combined Cycle	Total
	Haifa	Reading	Eshkol	Orot Rabin	Rutenberg		Jet Engines	Heavy Duty		
1950	60	36	-	-	-	-	3	-	-	99
1960	84	176	150	-	-	-	-	-	-	410
1970	516	390	300	-	-	-	27	-	-	1,233
1980	482	568	1,212	-	-	-	475	-	-	2,737
1990	426	528	1,206	1,400	550	-	535	420	-	5,065
2000	426	528	1,206	2,590	1,700	26	522	1,794	337	9,129
2001	426	528	1,206	2,590	2,250	26	522	1,794	337	9,679
2002	426	528	1,206	2,590	2,250	26	522	1,674	680	9,902
2003	426	528	1,062	2,590	2,250	26	522	1,570	995	9,969
2004	426	428	1,298	2,590	2,250	26	522	1,334	995	9,869
2005	426	428	1,439	2,590	2,250	26	522	1,334	995	10,010
2006	426	428	1,439	2,590	2,250	26	511	1,334	1,483	10,487
2007	426	428	1,439	2,590	2,250	26	511	2,028	1,625	11,323
2008	426	428	1,439	2,590	2,250	26	511	1,582	2,423	11,675
2009	282	428	1,062	2,590	2,250	160	504	1,700	2,848	11,824
2010	282	428	1,062	2,590	2,250	218	504	2,805	2,848	12,987

4 Nominal generating capacity by type of fuel

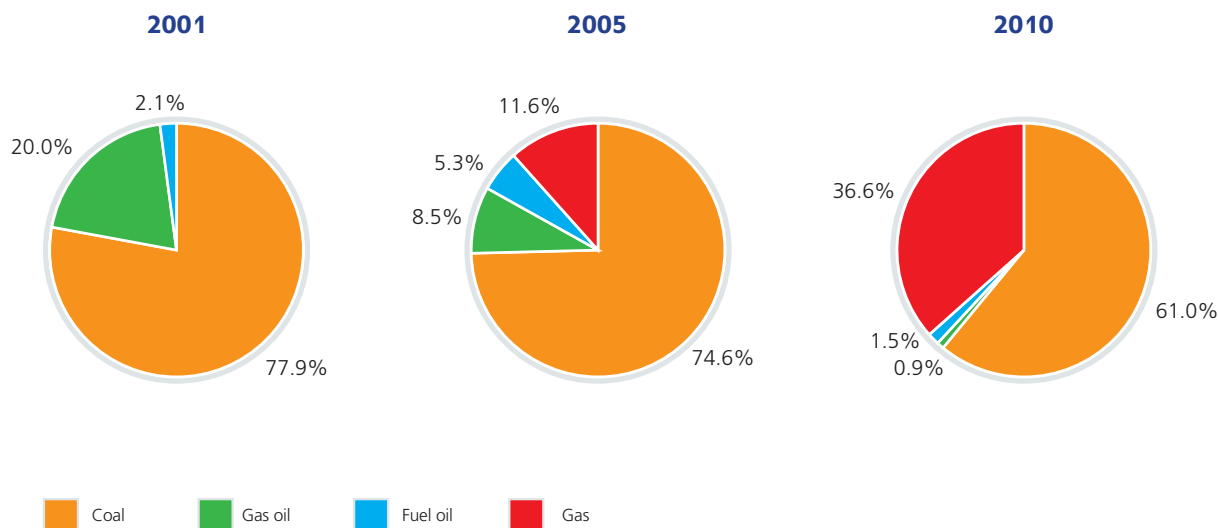


5 Electricity production by power plants and primary type of fuel

Million Kwh

Power Plant	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Steam Units:										
Haifa	1,871	1,709	1,838	1,576	1,430	1,739	1,562	1,501	562	127
Reading	2,014	1,581	1,926	1,761	1,703	1,765	2,485	2,812	1,923	2,026
Eshkol	4,448	3,794	3,786	5,598	6,445	5,532	5,587	6,650	4,331	3,800
Orot Rabin	18,854	18,654	19,222	19,256	19,186	19,709	19,595	18,518	18,051	18,409
Rutenberg	14,045	16,418	16,833	17,197	16,942	16,027	17,652	16,869	16,306	15,858
Gas Turbines (Gas)	489	1,085	395	296	910	814	986	1,018	1,114	2,243
Combined Cycle (Gas)	398	520	1,512	1,204	1,651	4,674	5,631	7,027	10,776	13,640
Total	42,119	43,761	45,512	46,888	48,267	50,260	53,498	54,394	53,062	56,102
thereof:										
Gas Units	-	-	-	4,248	5,597	9,085	10,569	14,158	17,298	20,527
Coal Units	32,899	35,072	36,055	36,453	36,127	35,658	37,247	35,387	34,302	34,243
Fuel Oil Units	8,333	7,084	7,550	4,687	3,981	2,880	1,720	1,618	642	492
Gas Oil	887	1,605	1,907	1,500	2,561	2,637	3,962	3,231	820	840

6 Annual electricity production by type of fuel



7a Monthly electricity production

Million Kwh

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
2000	3,714	3,283	3,277	2,784	3,133	3,534	4,225	4,119	3,663	3,228	3,001	3,394	41,355
2001	3,580	3,241	3,085	2,976	3,346	3,622	4,156	4,338	3,680	3,405	3,165	3,614	42,209
2002	4,091	3,066	3,157	2,985	3,296	3,773	4,545	4,542	3,857	3,652	3,172	3,732	43,867
2003	3,726	3,660	3,688	3,056	3,731	3,913	4,470	4,606	3,970	3,586	3,360	3,842	45,608
2004	4,133	3,742	3,536	3,159	3,556	3,903	4,639	4,628	4,058	3,831	3,631	4,172	46,989
2005	4,225	3,783	3,655	3,411	3,734	4,060	4,810	5,000	4,420	3,681	3,609	3,993	48,379
2006	4,426	3,797	3,778	3,459	3,848	4,296	4,778	5,074	4,627	4,087	3,800	4,402	50,372
2007	4,692	4,003	4,067	3,594	4,237	4,610	5,349	5,385	4,702	4,469	4,040	4,463	53,613
2008	5,187	4,445	4,085	3,907	4,127	4,735	5,444	5,501	4,932	4,080	3,805	4,257	54,504
2009	4,464	3,937	4,172	3,579	4,089	4,731	5,414	5,480	4,634	4,461	3,943	4,363	53,267
2010	4,392	4,015	4,148	3,854	4,376	4,985	5,587	6,314	5,220	4,919	4,165	4,457	56,432

7b Monthly electricity production

Percent of change to previous year

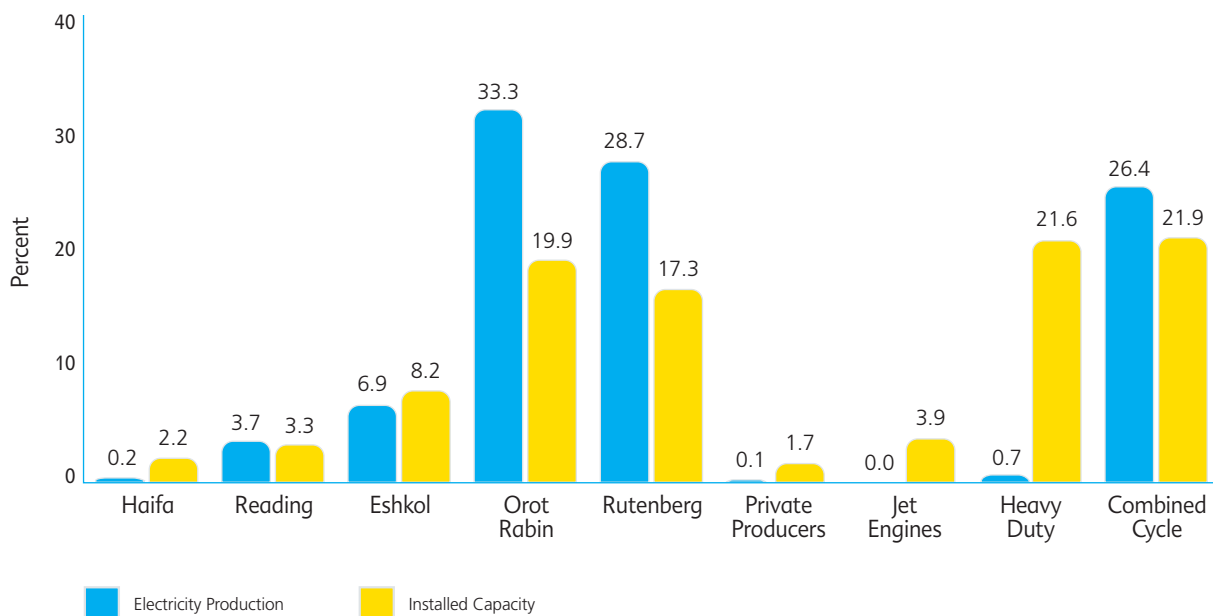
Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
2000	+16.7	+16.0	+14.2	+10.5	+6.1	+10.3	+15.8	+5.8	+9.0	+3.2	+4.7	+6.0	+9.8
2001	-3.6	-1.3	-5.8	+6.9	+6.8	+2.5	-1.6	+5.3	+0.5	+5.5	+5.5	+6.5	+2.1
2002	+14.3	-5.4	+2.3	+0.3	-1.5	+4.2	+9.3	+4.7	+4.8	+7.2	+0.2	+3.3	+3.9
2003	-8.9	+19.4	+16.8	+2.4	+13.2	+3.7	-1.6	+1.4	+2.9	-1.8	+5.9	+2.9	+4.0
2004	+10.9	+2.2	-4.1	+3.4	-4.7	-0.2	+3.8	+0.5	+2.2	+6.8	+8.1	+8.6	+3.0
2005	+2.2	+1.1	+3.3	+8.0	+5.0	+4.0	+3.7	+8.0	+8.9	-3.9	-0.6	-4.3	+3.0
2006	+4.8	+0.4	+3.4	+1.4	+3.0	+5.8	-0.7	+1.5	+4.7	+11.0	+5.3	+10.2	+4.1
2007	+6.0	+5.4	+7.6	+3.9	+10.1	+7.3	+12.0	+6.1	+1.6	+9.3	+6.3	+1.4	+6.4
2008	+10.5	+11.0	+0.4	+8.7	-2.6	+2.7	+1.8	+2.1	+4.9	-8.7	-5.8	-4.6	+1.7
2009	-13.9	-11.4	+2.1	-8.4	-0.9	-0.1	-0.5	-0.4	-6.0	+9.3	+3.6	+2.5	-2.3
2010	-1.6	+2.0	-0.6	+7.7	+7.0	+5.4	+3.2	+15.2	+12.6	+10.3	+5.6	+2.2	+5.9

8 Monthly production factors

Monthly average = 100

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
2000	107.8	95.3	95.1	80.8	90.9	102.5	122.6	119.5	106.3	93.7	87.1	98.5	100.0
2001	101.8	92.1	87.7	84.6	95.1	103.0	118.2	123.3	104.6	96.8	90.0	102.7	100.0
2002	111.9	83.9	86.4	81.7	90.2	103.2	124.3	124.2	105.5	99.9	86.8	102.1	100.0
2003	98.0	96.3	97.0	80.4	98.2	103.0	117.6	121.2	104.5	94.4	88.4	101.1	100.0
2004	105.6	95.6	90.3	80.7	90.8	99.7	118.5	118.2	103.6	97.8	92.7	106.5	100.0
2005	104.8	93.8	90.6	84.6	92.6	100.7	119.3	124.0	109.6	91.3	89.5	99.0	100.0
2006	105.4	90.5	90.0	82.4	91.7	102.3	113.8	120.9	110.2	97.4	90.5	104.9	100.0
2007	105.0	89.6	91.0	80.4	94.8	103.2	119.7	120.5	105.3	100.0	90.4	99.9	100.0
2008	114.2	97.9	89.9	86.0	90.9	104.2	119.8	121.1	108.6	89.8	83.8	93.7	100.0
2009	100.6	88.7	94.0	80.6	92.1	106.6	122.0	123.5	104.4	100.5	88.8	98.3	100.0
2010	93.4	85.4	88.2	82.0	93.1	106.0	118.8	134.3	111.0	104.6	88.6	94.8	100.0
Monthly Seasonal Factors	104.1	91.4	90.5	82.4	93.0	103.2	119.2	123.1	106.8	97.3	88.9	100.3	100.0
Standard Deviation	6.1	4.7	3.1	2.0	2.5	2.1	2.7	4.4	2.8	4.5	2.4	4.1	-

9 Installed capacity of power plants and their share in electricity production



10 Type of primary fuel consumed by power plants¹

Thousand tons

Power Plant	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Fuel Oil										
Haifa	441	402	431	369	344	418	363	350	131	31
Reading	477	371	448	407	392	112	-	-	-	-
Eshkol	1,047	888	882	309	116	117	38	27	9	83
Private Producers	19	24	21	22	23	24	25	24	25	9
Fuel Oil, Total	1,984	1,685	1,782	1,108	875	671	426	401	165	123
Coal										
Orot Rabin	6,684	6,611	6,814	6,815	6,857	7,082	7,066	6,868	6,480	6,633
Rutenberg	4,882	5,591	5,796	5,902	5,837	5,583	6,289	6,014	5,851	5,671
Coal, Total	11,566	12,202	12,610	12,717	12,694	12,665	13,355	12,882	12,331	12,304
Gas										
Reading	-	-	-	-	-	244	476	534	372	387
Eshkol	-	-	-	823	1,127	943	1,014	1,210	808	651
Heavy Duty	-	-	-	-	-	-	-	104	227	437
Combined Cycle	-	-	-	-	-	355	342	560	1,241	1,806
Gas, Total	-	-	-	823	1,127	1,541	1,832	2,408	2,649	3,281
Gas Oil										
Jet Engines	5	15	6	3	14	5	15	3	3	6
Heavy Duty	149	307	114	88	257	231	273	175	60	114
Combined Cycle	81	82	293	234	316	377	580	512	110	82
Gas Oil, Total	235	404	413	325	587	613	868	690	173	202

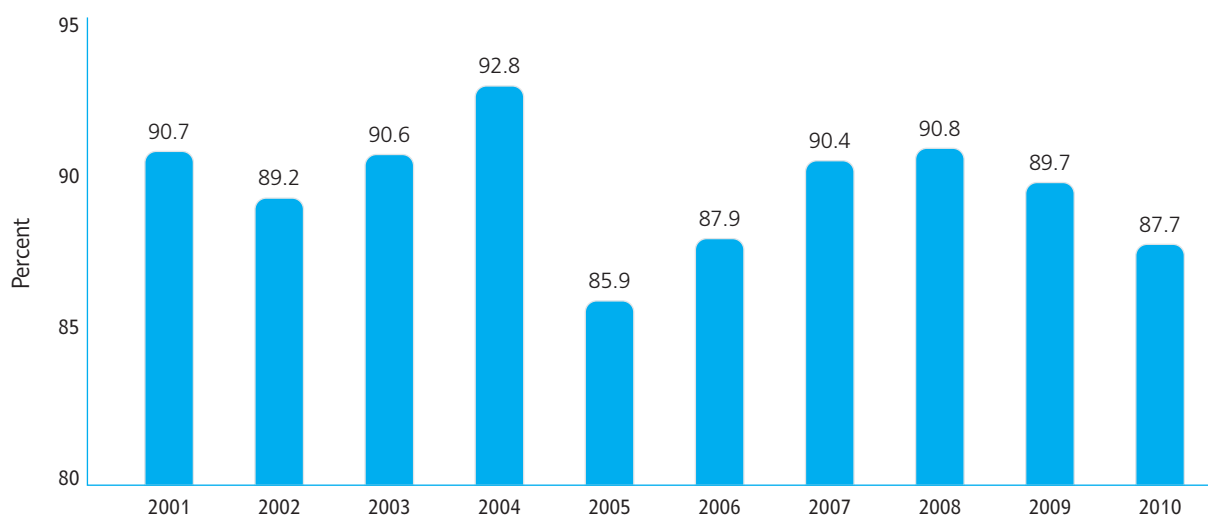
¹ Fuel used for energy production only.

11 Fuel consumption rate

gr/Kwh

Power Plant	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Fuel Oil										
Haifa	236	235	234	234	240	241	232	233	232	243
Reading	237	235	233	231	230	229	-	-	-	-
Eshkol	235	234	233	229	192	244	241	228	227	223
Private Producers	211	226	219	215	203	215	217	215	214	215
Fuel Oil, Total	236	234	233	231	241	238	236	232	229	227
Coal										
Orot Rabin	355	354	354	354	357	359	361	371	359	360
Rutenberg	348	341	344	343	345	348	356	357	359	358
Coal, Total	352	348	350	349	351	355	359	364	359	359
Gas										
Reading	-	-	-	-	-	191	192	190	194	191
Eshkol	-	-	-	194	201	187	187	185	188	190
Heavy Duty	-	-	-	-	-	-	-	243	247	239
Combined Cycle	-	-	-	-	129	129	129	128	122	136
Gas, Total	-	-	-	194	201	170	173	170	153	160
Gas Oil										
Jet Engines	417	405	400	385	388	369	417	432	418	384
Heavy Duty	312	293	300	307	294	288	287	301	321	288
Combined Cycle	204	158	194	194	191	197	195	194	185	202
Gas Oil, Total	265	252	217	217	221	223	219	214	219	247

12 Availability of all units, 2001-2010



13 Annual peak demands

MW

Year	Summer Peak		Winter Peak		Annual Peak	
	Morning	Evening	Morning	Evening	IEC only	IEC & IPP
1950	110	-	-	-	110	
1960	416	420	364	397	420	
1970	1,050	1,040	1,086	1,115	1,115	
1980	2,015	1,930	2,000	2,070	2,070	
1990	3,510	3,200	3,530	3,800	3,800	
2000	7,900	7,424	6,894	7,650	7,900	
2006	9,400	8,721	7,503	8,745	9,450	
2007	10,070	9,301	8,189	9,083	10,070	10,260
2008	9,900	9,696	8,851	10,200	10,200	10,440
2009	9,882	9,132	7,587	8,724	9,882	10,280
2010	10,950	10,682	8,103	9,273	10,950	11,530

Definitions:

Winter peak demand - The peak recorded on months January-February.

Summer peak demand - The peak recorded on months July-September.

Annual peak demand - The peak recorded on months January-December.

IEC - Israeli Electric Corporation Ltd.

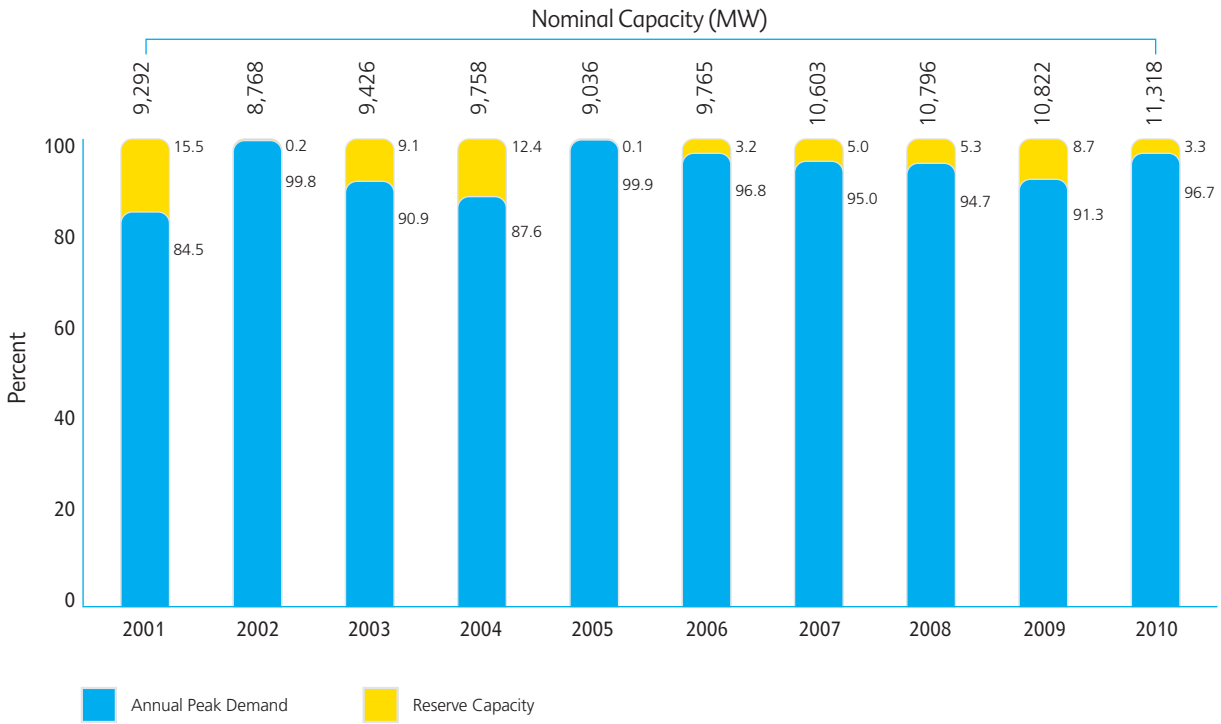
IPP - Private Producers

14 Monthly peak demands

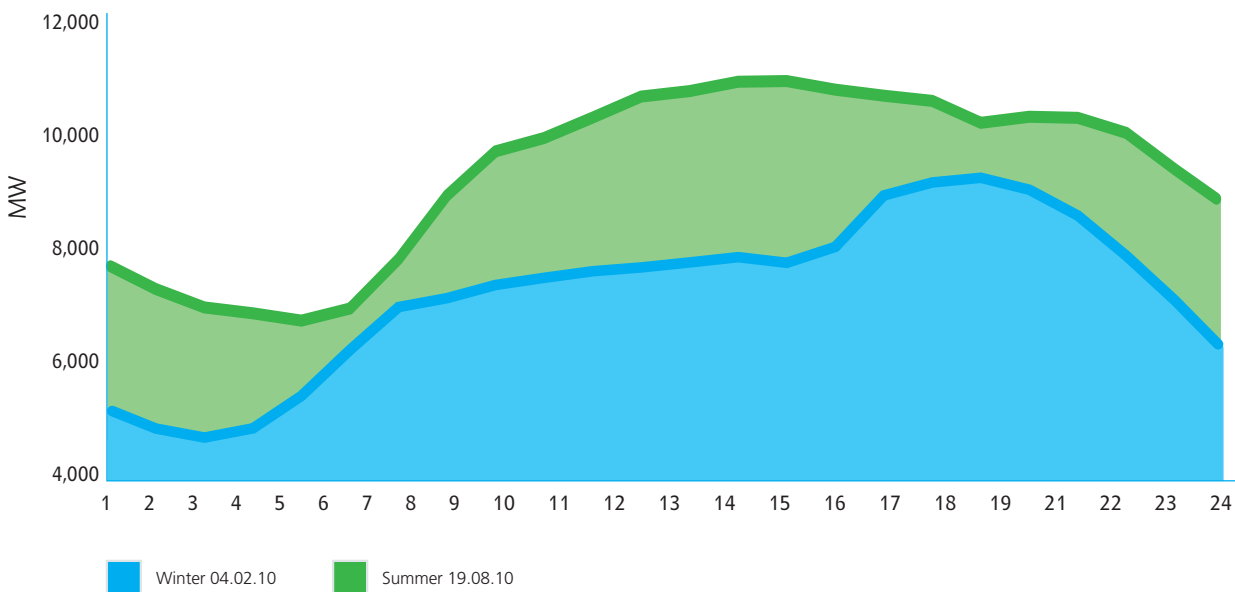
MW

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
	Morning Peak												
2006	7,313	7,503	6,368	6,066	7,252	8,400	8,600	9,400	9,053	7,425	6,015	8,337	9,400
2007	8,189	7,755	7,262	6,175	7,910	9,670	10,070	9,493	9,646	8,067	7,113	7,170	10,070
2008	8,851	8,317	7,575	7,565	7,347	9,275	9,466	9,900	9,480	8,140	6,252	7,190	9,900
2009	7,046	7,587	7,695	6,347	7,886	9,423	9,882	9,699	8,851	8,562	6,637	7,025	9,882
2010	7,303	8,103	7,306	6,877	8,285	10,102	9,606	10,950	10,062	9,947	7,350	7,615	10,950
	Evening Peak												
2006	8,745	8,662	7,333	6,736	6,573	7,704	7,844	8,721	8,567	7,024	6,916	9,450	9,450
2007	8,916	9,083	8,479	6,643	7,585	8,795	9,301	8,738	8,974	7,778	7,412	8,673	9,301
2008	10,200	9,592	7,559	7,315	7,145	9,075	9,300	9,696	9,175	7,624	6,786	8,390	10,200
2009	8,694	8,724	8,803	6,715	7,409	8,597	9,132	9,020	8,199	8,068	7,248	7,867	9,132
2010	8,751	9,273	8,527	6,817	7,491	9,643	9,152	10,682	9,229	9,117	7,442	8,754	10,682

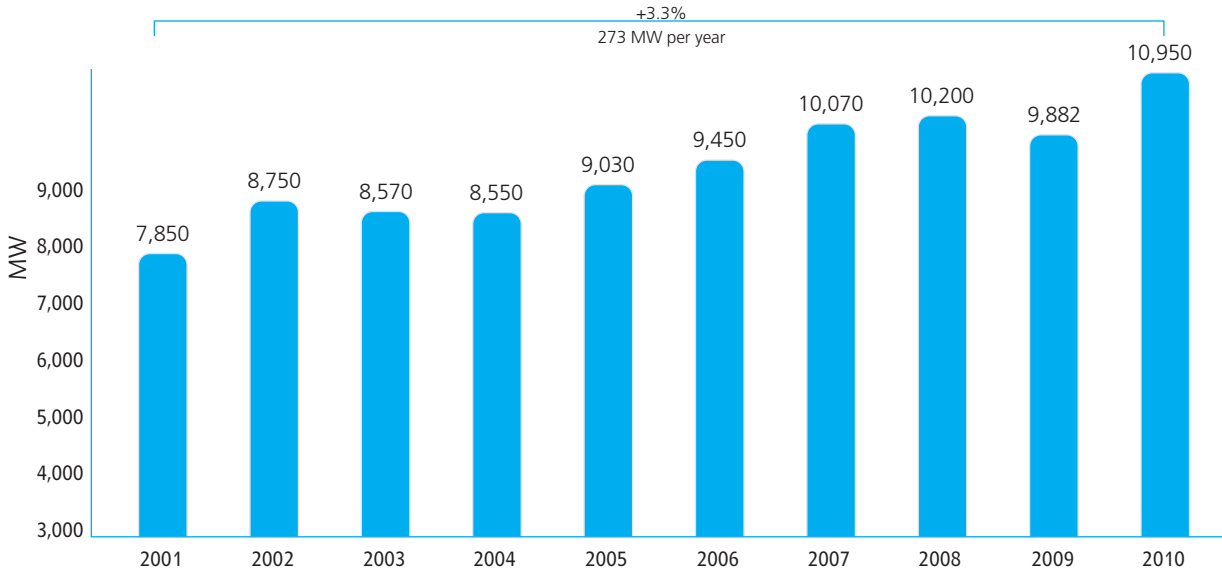
15 Electricity generation system at annual peak demand, 2001-2010



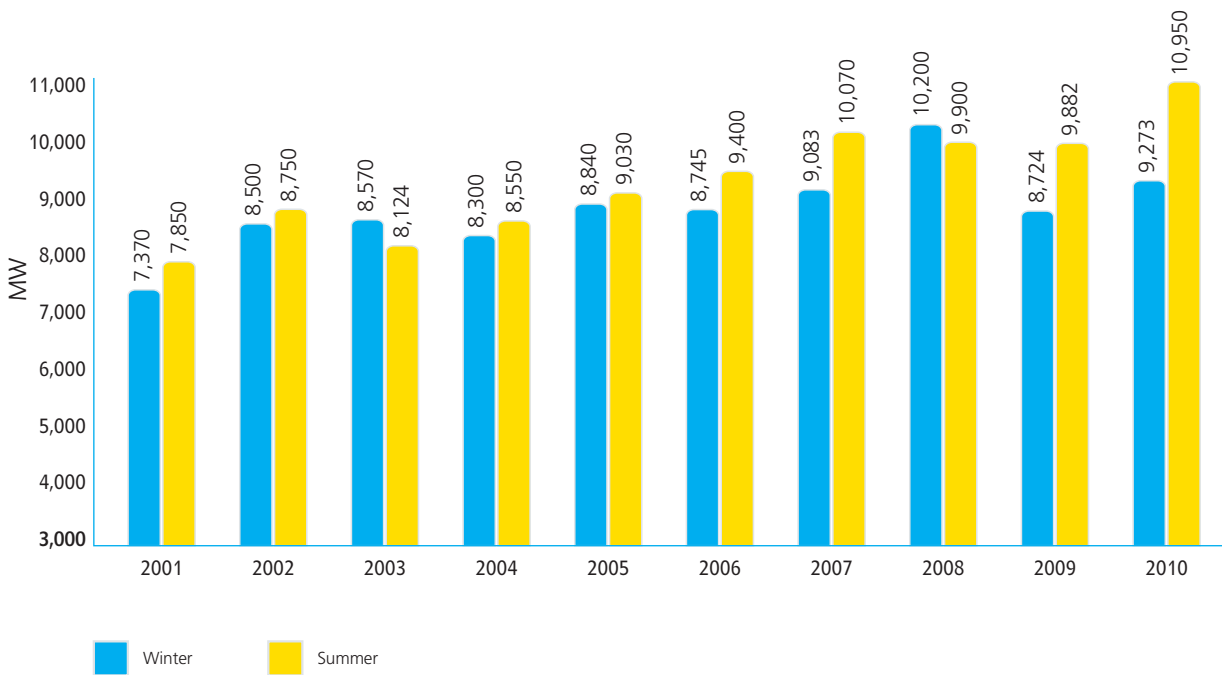
16 Load curves on season peak day, 2010



17 Annual peak demand evolution, 2001-2010



18 Seasonal peak demand evolution, 2001-2010



■ Winter ■ Summer

Definitions:
 Winter peak demand - The peak recorded on months January-February.
 Summer peak demand - The peak recorded on months July-September.

19 Annual system's load factor and plant factors

Percent

Year	Load Factor	Plant Factor			
		System's Factor	Fuel Oil Units	Cole Units	Gas Units
1950	53.7	59.6	61.5	-	-
1960	60.8	62.3	62.3	-	-
1970	68.7	62.7	64.1	-	-
1980	67.4	51.3	61.5	-	-
1990	60.9	51.5	50.0	73.3	-
2000	59.6	48.6	52.1	77.5	-
2006	60.8	54.8	54.6	84.1	60.4
2007	60.8	54.1	34.8	87.9	70.3
2008	63.0	54.5	32.8	83.5	94.1
2009	61.5	53.2	13.9	81.0	48.5
2010	58.5	56.1	14.4	80.8	46.1

Definitions:

Load factor - Average hourly generation by peak demand.

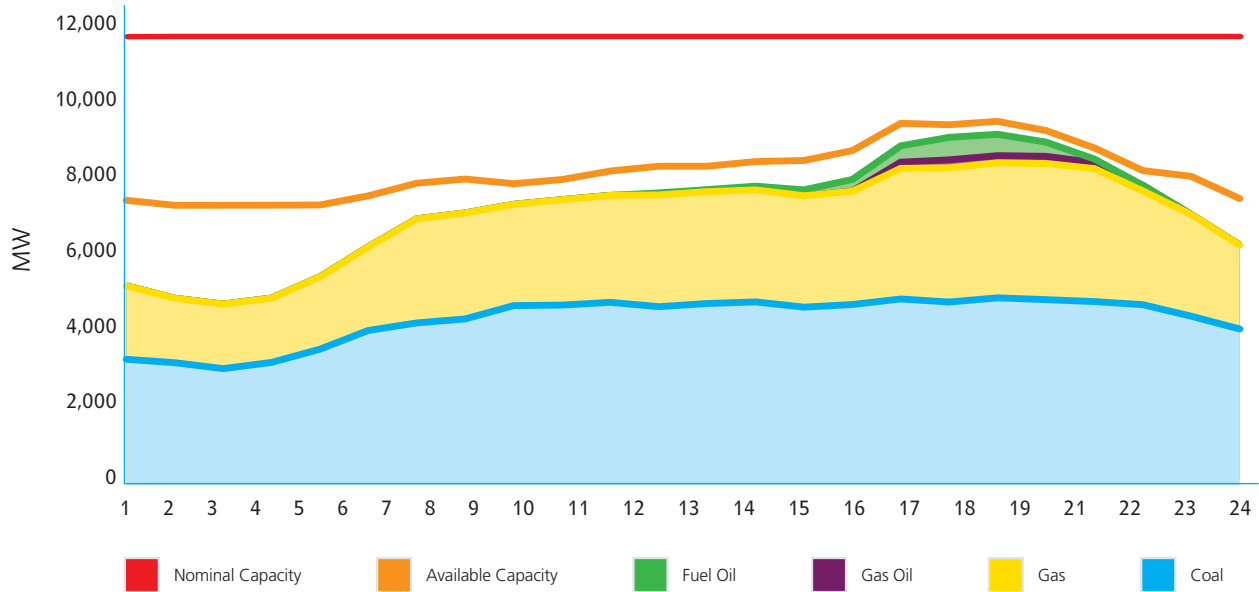
Plant factor - Average hourly generation by installed capacity.

20 Monthly load factor and plant factor

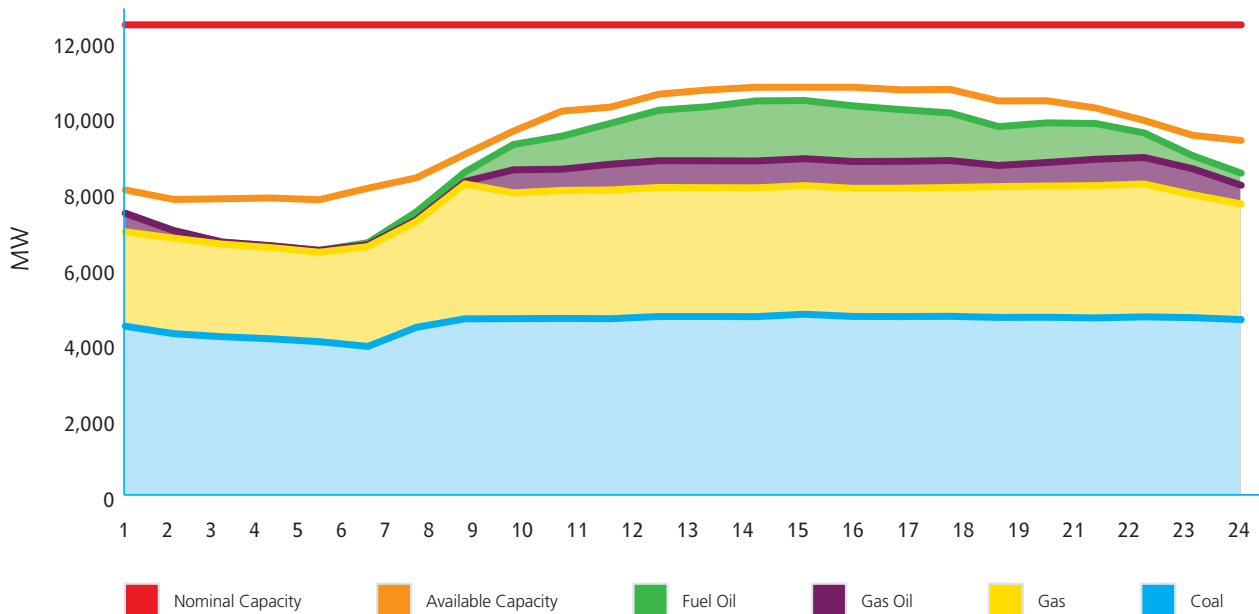
Percent

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
	Load Factor												
2006	68.0	65.2	69.2	71.3	71.3	71.0	74.7	72.6	71.0	74.0	76.3	62.6	60.8
2007	70.7	65.6	64.5	75.1	72.0	66.2	71.4	76.3	67.7	74.5	75.7	69.2	60.8
2008	80.2	75.8	62.4	80.8	70.3	69.8	74.0	76.2	77.4	64.0	72.9	72.7	63.0
2009	69.0	67.2	63.7	74.0	69.7	69.7	73.6	75.9	72.7	70.0	75.6	74.5	61.5
2010	67.1	64.0	64.6	77.6	70.8	68.3	77.8	77.2	71.8	66.2	77.2	68.1	58.5
	Plant Factor												
2006	59.4	56.4	50.7	46.9	50.5	58.2	62.7	66.5	62.8	52.4	50.3	56.4	54.8
2007	60.1	56.8	52.1	47.6	54.3	56.5	63.5	63.9	57.7	53.1	49.6	53.0	54.1
2008	61.6	58.4	48.5	47.9	49.0	58.1	64.6	65.3	60.5	48.4	46.7	50.5	54.5
2009	53.0	51.7	49.5	43.9	48.5	58.0	64.3	65.0	56.8	53.0	48.4	51.8	53.2
2010	51.8	52.4	48.7	47.1	51.8	61.0	66.0	74.6	63.8	58.1	50.8	52.6	56.1

21 Distribution of the daily load curve by type of fuel
Winter peak day, 2010



22 Distribution of the daily load curve by type of fuel
Summer peak day, 2010



23a Production, self consumption, losses and energy distribution to consumers

Million Kwh

Year	Gross Production	Self Consumption	Net Production	Purchases from IPP		Trans. & Distribution Losses	Total	Sales to Consumers				
				Low & Med. Voltage	High Voltage			Haifa District	Northern District	Dan District	Southern District	Jerusalem District
1950	517	22	495	-	-	31	464	-	-	-	-	-
1960	2,240	132	2,108	-	-	223	1,885	-	685	-	1,103	97
1970	6,769	390	6,379	-	-	527	5,852	-	2,311	-	3,212	329
1980	12,213	714	11,499	-	-	635	10,864	-	4,191	1,858	3,939	876
1990	20,279	1,023	19,256	137	-	1,060	18,333	-	6,032	3,279	6,968	2,054
2000	41,355	1,824	39,531	166	-	1,906	37,791	4,178	7,139	5,882	15,786	4,806
2001	42,209	1,921	40,288	159	-	1,782	38,665	4,194	7,242	6,076	16,321	4,832
2002	43,867	2,017	41,850	82	-	2,012	39,920	4,282	7,481	6,204	17,036	4,917
2003	45,608	2,088	43,520	70	-	1,869	41,721	4,467	8,103	6,334	17,583	5,234
2004	46,989	2,132	44,857	72	-	1,996	42,933	4,348	8,524	6,407	18,186	5,468
2005	48,379	2,204	46,175	42	-	1,908	44,309	4,469	8,552	6,578	18,882	5,827
2006	50,372	2,160	48,212	84	-	2,121	46,175	4,530	8,685	6,859	19,884	6,217
2007	53,613	2,211	51,402	104	-	2,183	49,323	4,976	9,291	7,170	21,286	6,601
2008	54,504	2,258	52,245	131	-	2,215	50,161	5,008	9,377	7,333	21,665	6,779
2009	53,267	2,103	50,954	75	210	2,082	48,947	4,818	8,924	7,277	21,026	6,902
2010	56,432	2,112	54,163	146	157	2,332	51,977	4,942	9,917	7,549	22,266	7,303

23b Production, self consumption, losses and energy distribution to consumers

Percent, net production = 100%

Year	Gross Production	Self Consumption	Net Production	Purchases from IPP		Trans. & Distribution Losses	Total	Sales to Consumers					Gross Production Sales
				Low & Med. Voltage	High Voltage			Haifa District	Northern District	Dan District	Southern District	Jerusalem District	
1950	104.4	4.4	100.0	-	-	6.3	93.7	-	-	-	-	-	111.4
1960	106.3	6.3	100.0	-	-	10.6	89.4	-	32.5	-	52.3	4.6	118.8
1970	106.1	6.1	100.0	-	-	8.3	91.8	-	36.2	-	50.4	5.2	115.7
1980	106.2	6.2	100.0	-	-	5.5	94.5	-	36.4	16.2	34.3	7.6	112.4
1990	105.3	5.3	100.0	0.7	-	5.5	95.2	-	31.3	17.0	36.2	10.7	111.4
2000	104.6	4.6	100.0	0.4	-	4.8	95.2	10.6	18.1	14.9	39.9	12.1	109.9
2001	104.8	4.8	100.0	0.5	-	4.4	96.0	10.4	18.0	15.1	40.5	12.0	109.6
2002	104.8	4.8	100.0	0.2	-	4.8	95.3	10.2	17.9	14.8	40.7	11.7	110.1
2003	104.8	4.8	100.0	0.2	-	4.3	95.9	10.3	18.6	14.6	40.4	12.0	109.5
2004	104.8	4.8	100.0	0.2	-	4.4	95.7	9.7	19.0	14.3	40.5	12.2	109.6
2005	104.8	4.8	100.0	0.1	-	4.1	95.9	9.7	18.5	14.2	40.9	12.6	109.3
2006	104.5	4.5	100.0	0.2	-	4.4	95.7	9.4	18.0	14.2	41.2	12.9	109.3
2007	104.3	4.3	100.0	0.2	-	4.2	95.9	9.7	18.1	13.9	41.4	12.8	108.9
2008	104.3	4.3	100.0	0.3	-	4.2	96.0	9.6	17.9	14.0	41.5	13.0	108.9
2009	104.5	4.1	100.0	0.1	0.4	4.1	96.1	9.5	17.5	14.3	41.3	13.5	109.0
2010	104.2	3.9	100.0	0.3	0.3	4.3	95.9	9.1	18.3	13.9	41.1	13.5	108.9

24 Substations in service, 2010

District	Voltage Level											
	161 KV			115 KV			Total			400 KV		
	No. of Substations	No. of Units	Capacity (MVA)	No. of Substations	No. of Units	Capacity (MVA)	No. of Substations	No. of Units	Capacity (MVA)	No. of Substations	No. of Units	Capacity (MVA)
Company Owned												
Permanent	11	36	1,440	-	-	-	11	36	1,395			
Temporary	-	-	-	-	-	-	-	-	-			
Mobile	2	2	40	-	-	-	2	2	40			
Total Haifa Dis.	13	38	1,480	-	-	-	13	38	1,480	2	2	1,150
Permanent	25	70	2,715	-	-	-	25	70	2,715			
Temporary	3	4	115	-	-	-	3	4	115			
Mobile	2	2	40	-	-	-	2	2	40			
Total Northern Dis.	30	76	2,870	-	-	-	30	76	2,870	1	2	800
Permanent	16	55	2,480	-	-	-	16	55	2,480			
Temporary	2	2	60	-	-	-	2	2	60			
Mobile	-	-	-	-	-	-	-	-	-			
Total Dan Dis.	18	57	2,540	-	-	-	18	57	2,540	-	-	-
Permanent	45	126	5,010	3	4	70	48	130	5,080			
Temporary	11	18	660	-	-	-	11	18	660			
Mobile	6	6	120	-	-	-	6	6	120			
Total Southern Dis.	62	150	5,790	3	4	70	65	154	5,860	5	12	7,050
Permanent	11	40	1,565	1	2	40	12	42	1,605			
Temporary	2	3	120	-	-	-	2	3	120			
Mobile	6	6	120	-	-	-	6	6	20			
Total Jerusalem Dis.	19	49	1,805	1	2	40	20	51	1,845	1	2	1,150
Permanent	108	327	13,210	4	6	110	112	333	13,320			
Temporary	18	27	955	-	-	-	18	27	955			
Mobile	16	16	320	-	-	-	16	16	320			
Total	142	370	14,485	4	6	110	146	376	14,595	9	18	10,150
Consumers Owned												
Haifa District	4	13	437	2	4	55	6	17	492	-	-	-
Northern District	7	16	524	-	-	-	7	16	524	-	-	-
Southern District	23	38	1,505	5	7	129	28	45	1,634	-	-	-
Total	34	67	2,466	7	11	184	41	78	2,650	-	-	-
Grand Total	176	437	16,951	11	17	294	187	454	17,245	9	18	10,150

25 Evolution of substations capacity¹

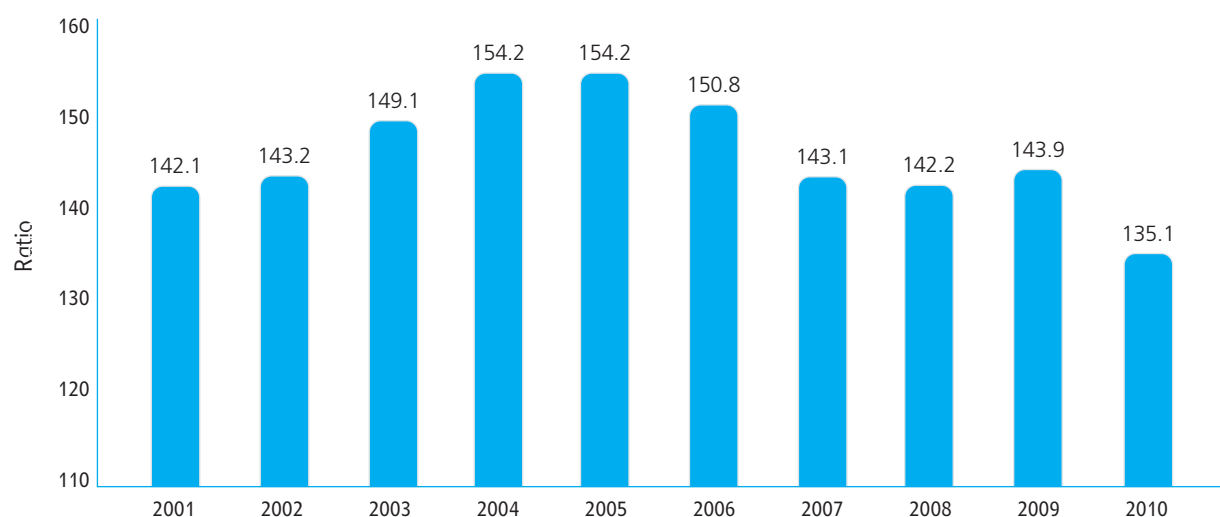
MVA

District	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Company Owned										
Haifa District	1,330	1,420	1,400	1,405	1,405	1,405	1,405	1,435	1,435	1,480
Northern District	2,175	2,220	2,295	2,310	2,350	2,440	2,535	2,595	2,645	2,870
Dan District	2,250	2,365	2,460	2,490	2,540	2,540	2,540	2,540	2,540	2,540
Southern District	4,500	4,685	4,990	5,140	5,195	5,290	5,510	5,635	5,900	5,860
Jerusalem District	1,540	1,640	1,780	1,740	1,740	1,740	1,810	1,875	1,845	1,845
Total	11,795	12,330	12,925	13,085	13,230	13,415	13,800	14,080	14,365	14,595
Consumers Owned²										
Haifa District	594	452	452	492	492	492	492	492	492	492
Northern District	308	308	398	398	398	398	398	398	524	524
Southern District	1,059	1,089	1,089	1,239	1,314	1,514	1,514	1,634	1,634	1,634
Total	1,961	1,849	1,939	2,129	2,204	2,404	2,404	2,524	2,650	2,650
Grand Total	13,756	14,179	14,864	15,214	15,434	15,819	16,204	16,604	17,015	17,245
Substations Capacity to Generating Capacity Ratio	142.1	143.2	149.1	154.2	154.2	150.8	143.1	142.2	143.9	135.1

1 115-161 KV.

2 High voltage consumers.

26 Substations capacity vs. generating capacity, 2001-2010



27 Distribution transformers by administrative regions, 2010

Administrative Region	6.3-12.6 KV		22 KV		33 KV		Total		Average Transformation Capacity (KVA)
	No. of Units	Capacity (MVA)	No. of Units	Capacity (MVA)	No. of Units	Capacity (MVA)	No. of Units	Capacity (MVA)	
Krayot	-	-	1,924	967	-	-	1,924	967	502.6
Haifa and Periphery	-	-	2,502	1,309	-	-	2,502	1,309	523.3
Haifa Dis., Total	-	-	4,426	2,276	-	-	4,426	2,276	514.3
Hadera	-	-	2,615	1,045	-	-	2,615	1,045	399.6
Afula	-	-	2,446	1,004	18	4	2,464	1,008	409.0
Tiberias	-	-	1,124	400	-	-	1,124	400	355.7
Zefat	-	-	1,404	502	-	-	1,404	502	357.4
Nahariya	-	-	1,098	460	-	-	1,098	460	419.2
Karmiel	-	-	1,784	726	-	-	1,784	726	407.0
Northern Dis., Total	-	-	10,471	4,137	18	4	10,489	4,141	394.8
Dan Dis., Total	1,474	982	4,811	2,977	-	-	6,285	3,958	629.8
Netania	-	-	1,864	849	-	-	1,864	849	455.5
Ra'anana, Herzliya	-	-	1,887	928	-	-	1,887	928	491.6
Petah Tiqwa	-	-	2,553	1,282	-	-	2,553	1,282	502.0
Rishon Lezion	-	-	1,825	946	-	-	1,825	946	518.1
Ramla, Lod	-	-	1,708	842	-	-	1,708	842	493.2
Rehovot	-	-	1,651	712	-	-	1,651	712	431.3
Ashdod	-	-	1,517	737	-	-	1,517	737	485.6
Ashqelon	-	-	2,255	900	-	-	2,255	900	399.3
Be'er Sheva	-	-	2,993	1,294	1,217	447	4,210	1,740	413.4
Eilat	-	-	-	-	655	291	655	291	444.0
Southern Dis., Total	-	-	18,253	8,489	1,872	737	20,125	9,226	458.5
Ariel	-	-	-	-	933	352	933	352	377.4
Beit Shemesh	-	-	575	253	291	113	866	366	422.2
Jerusalem	1,248	796	697	374	1,028	498	2,973	1,668	561.1
Jerusalem Dis., Total	1,248	796	1,272	627	2,252	963	4,772	2,386	500.0
Grand Total	2,722	1,778	39,233	18,506	4,142	1,704	46,097	21,988	477.0

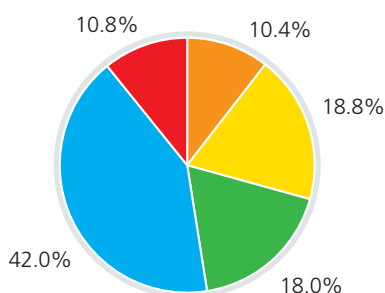
28 Distribution transformers

Year	Number of Units				Transformers Capacity, MVA			
	6.3-12.6 KV	22 KV	33 KV	Total	6.3-12.6 KV	22 KV	33 KV	Total
2001	2,350	33,739	3,141	39,230	1,495	15,188	1,275	17,958
2002	2,475	35,326	3,366	41,167	1,585	16,102	1,377	19,064
2003	2,530	36,222	3,432	42,184	1,622	16,564	1,400	19,585
2004	2,533	37,057	3,670	43,260	1,630	17,025	1,491	20,146
2005	2,557	37,136	3,729	43,422	1,665	17,172	1,524	20,361
2006	2,600	37,653	3,846	44,099	1,687	17,474	1,562	20,722
2007	2,619	37,934	3,935	44,488	1,702	17,620	1,594	20,916
2008	2,642	38,304	3,990	44,936	1,722	17,856	1,618	21,196
2009	2,682	38,801	4,069	45,552	1,752	18,139	1,648	21,539
2010	2,722	39,233	4,142	46,097	1,778	18,506	1,704	21,988

29 Distribution transformers by districts, 2010

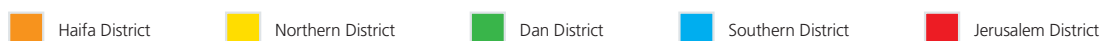
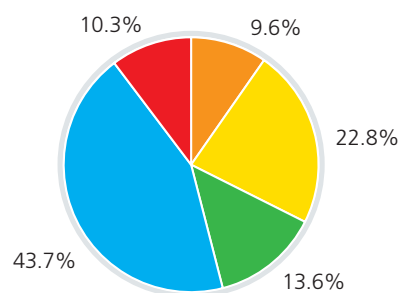
Distribution Transformers Capacity

Total Capacity - 21,988 MVA



Distribution Transformers Units

Total Units - 46,097



30a Length of electrical network, transmission lines by voltage level

KM

Year	Voltage Supply			Total
	115 KV	161 KV	400 KV	
2006	132.5	4,157.0	735.3	5,024.8
2007	132.4	4,178.9	735.4	5,046.7
2008	132.4	4,249.0	735.4	5,116.8
2009	123.5	4,267.5	735.7	5,126.7
2010	123.5.5	4,378.3	736.8	5,238.6

30b Length of electrical network, distribution lines by voltage level and district KM

Year	6.3-12.6 KV	22 KV	33 KV	Total	Low Voltage
Haifa District					
2006	-	2,095	-	2,095	1,799
2007	-	2,122	-	2,122	1,819
2008	-	2,150	-	2,150	1,819
2009	-	2,183	-	2,183	1,865
2010	-	2,231	-	2,231	1,883
Northern District					
2006	-	6,253	55	6,308	4,581
2007	-	6,299	55	6,354	4,564
2008	-	6,329	58	6,387	5,035
2009	-	6,386	57	6,443	5,076
2010	-	6,456	57	6,513	5,272
Dan District					
2006	863	1,712	-	2,575	4,895
2007	856	1,705	-	2,561	4,995
2008	849	1,717	-	2,565	5,128
2009	851	1,707	-	2,558	5,202
2010	855	1,721	-	2,576	5,277
Southern District					
2006	-	7,873	1,734	9,607	5,398
2007	-	8,063	1,752	9,815	5,333
2008	-	8,286	1,781	10,067	5,337
2009	-	8,392	1,804	10,196	5,363
2010	-	8,512	1,857	10,369	5,388
Jerusalem District					
2006	516	634	1,928	3,078	1,677
2007	515	636	1,956	3,107	1,705
2008	528	646	1,952	3,126	1,728
2009	540	638	1,973	3,151	1,754
2010	556	638	1,982	3,176	1,795
Grand Total					
2006	1,379	18,567	3,717	23,663	18,350
2007	1,371	18,825	3,763	23,959	18,416
2008	1,377	19,127	3,791	24,294	19,047
2009	1,391	19,306	3,834	24,531	19,260
2010	1,411	19,558	3,896	24,865	19,615

31a Electricity consumption by sector

Million Kwh

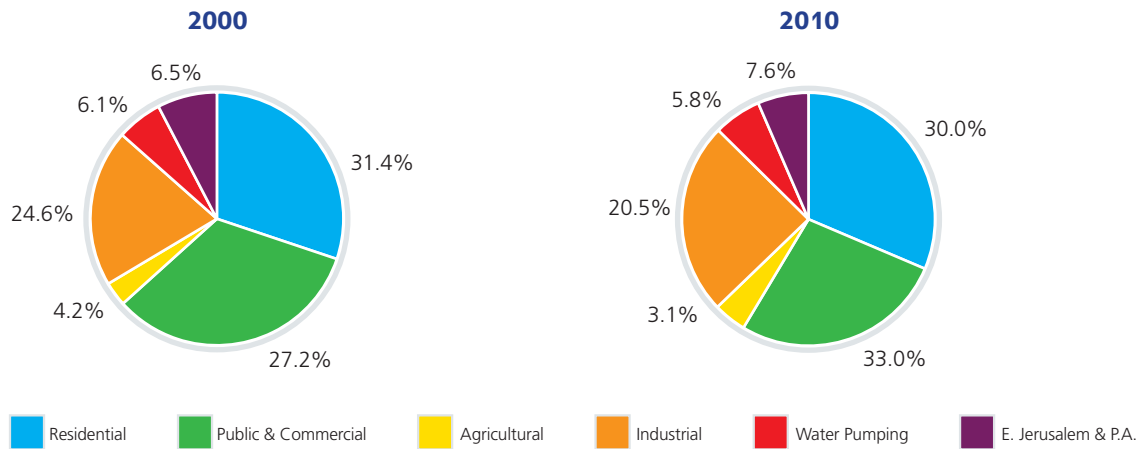
Year	Residential	Public & Commercial	Agricultural	Industrial	Water Pumping	E. Jerusalem & P.A.	Total
2001	12,319	11,017	1,584	9,232	2,202	2,312	38,665
2002	12,747	11,586	1,621	9,423	2,242	2,300	39,920
2003	13,365	11,999	1,674	9,728	2,501	2,454	41,721
2004	13,517	12,508	1,701	9,880	2,728	2,598	42,933
2005	13,719	13,083	1,699	10,237	2,708	2,863	44,309
2006	14,313	13,785	1,755	10,387	2,838	3,097	46,175
2007	15,049	14,766	1,852	11,178	3,021	3,457	49,323
2008	15,201	15,499	1,827	11,218	2,749	3,666	50,161
2009	15,117	15,625	1,690	10,329	2,404	3,783	48,947
2010	15,591	17,132	1,614	10,647	3,029	3,966	51,977

31b Electricity consumption by sector

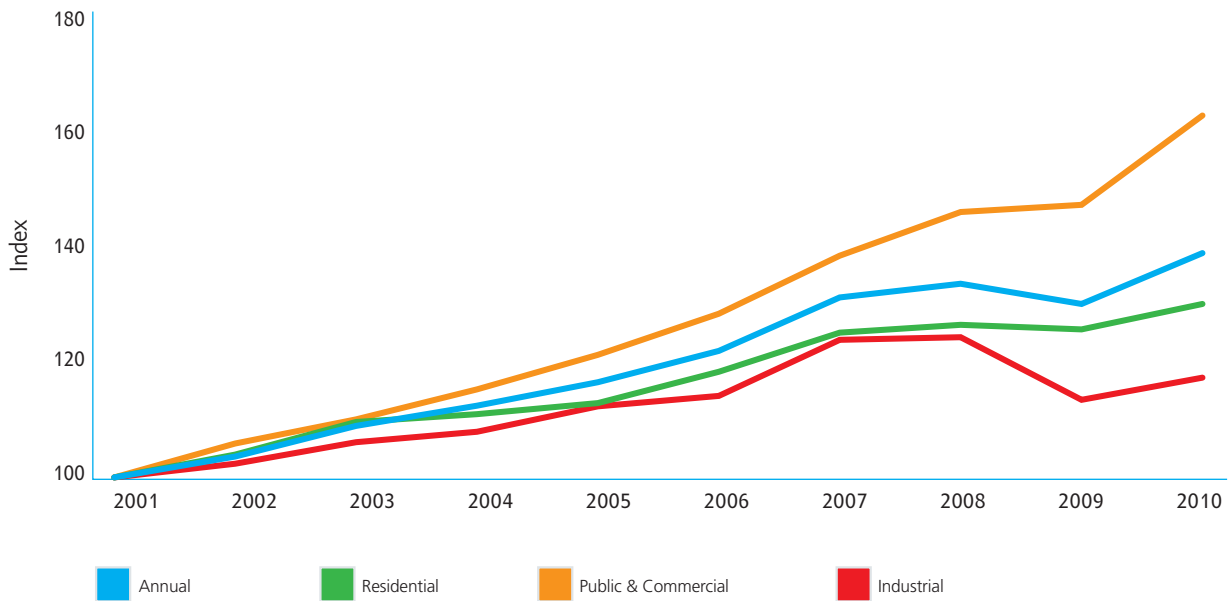
Annual change, percent

Year	Residential	Public & Commercial	Agricultural	Industrial	Water Pumping	E. Jerusalem & P.A.	Total
2001	+3.8	+7.0	-1.2	-0.9	-5.0	-3.1	+2.3
2002	+3.5	+5.2	+2.4	+2.1	+1.8	-0.5	+3.2
2003	+4.8	+3.6	+3.2	+3.2	+11.6	+6.7	+4.5
2004	+1.1	+4.2	+1.7	+1.6	+9.1	+5.9	+2.9
2005	+1.5	+4.6	-0.1	+3.6	-0.7	+10.2	+3.2
2006	+4.3	+5.4	+3.3	+1.5	+4.8	+8.2	+4.2
2007	+5.1	+7.1	+5.5	+7.6	+6.4	+11.6	+6.8
2008	+1.0	+5.0	-1.4	+0.4	-9.0	+6.1	+1.7
2009	-0.6	+0.8	-7.5	-7.9	-12.5	+3.2	-2.4
2010	+3.1	+9.6	-4.5	+3.1	+26.0	+4.8	+6.2

32 Distribution of electricity consumption by sector
Percent



33 Growth of electricity consumption by sector, 2001-2010
2001=100



34a Monthly electricity consumption by sector

Million Kwh

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
Grand Total													
2006	4,009.7	3,395.4	3,528.8	3,169.6	3,571.0	3,910.7	4,312.0	4,539.5	4,345.4	3,794.4	3,577.4	4,020.9	46,174.7
2007	4,186.4	3,624.1	3,824.6	3,384.6	3,888.3	4,234.5	4,829.7	4,839.7	4,379.2	4,188.7	3,833.0	4,110.2	49,323.1
2008	4,639.1	4,101.7	3,804.2	3,643.5	3,919.9	4,316.8	4,957.7	4,926.3	4,509.1	3,887.8	3,572.8	3,882.1	50,160.9
2009	4,081.6	3,627.0	3,801.6	3,279.1	3,889.3	4,347.4	4,930.6	4,870.7	4,322.7	4,143.8	3,671.0	3,982.5	48,947.3
2010	4,026.2	3,506.0	3,978.5	3,681.0	3,999.3	4,516.0	5,064.4	5,626.1	4,887.8	4,527.8	3,963.9	4,200.5	51,977.4
Residential													
2006	1,524.0	1,160.7	1,109.0	940.1	947.8	1,091.9	1,279.7	1,430.1	1,298.4	1,011.0	1,078.6	1,441.8	14,313.0
2007	1,550.9	1,263.9	1,283.6	1,006.8	1,001.8	1,178.2	1,474.6	1,480.0	1,313.6	1,107.9	1,050.4	1,337.4	15,049.0
2008	1,744.8	1,504.6	1,050.8	964.1	1,043.3	1,202.4	1,469.3	1,558.4	1,297.6	1,111.5	1,005.6	1,249.1	15,201.4
2009	1,448.7	1,261.7	1,232.2	934.1	1,045.2	1,253.2	1,596.4	1,532.6	1,315.4	1,160.3	1,055.9	1,281.3	15,117.0
2010	1,319.2	1,034.2	1,226.3	1,040.3	1,002.1	1,248.3	1,575.1	1,871.5	1,663.2	1,222.7	1,058.3	1,329.5	15,590.8
Public & Commercial													
2006	1,048.4	937.4	983.2	924.4	1,118.2	1,270.5	1,386.6	1,417.2	1,345.4	1,221.3	1,049.7	1,082.2	13,784.7
2007	1,116.2	984.2	1,053.9	985.4	1,230.8	1,336.1	1,517.3	1,516.1	1,379.2	1,365.0	1,147.8	1,133.6	14,765.5
2008	1,216.9	1,100.1	1,142.0	1,128.5	1,234.1	1,403.6	1,588.4	1,573.2	1,498.6	1,290.5	1,160.7	1,162.8	15,499.4
2009	1,167.5	1,044.5	1,132.7	1,038.3	1,292.5	1,462.6	1,601.9	1,596.6	1,460.3	1,432.5	1,199.6	1,195.8	15,624.6
2010	1,214.9	1,122.3	1,228.6	1,190.7	1,383.3	1,570.7	1,687.5	1,828.5	1,606.1	1,613.0	1,385.0	1,301.0	17,131.7
Agricultural													
2006	148.7	132.5	132.0	120.5	135.9	150.9	169.5	178.8	160.9	142.3	132.9	150.4	1,755.1
2007	159.1	150.6	138.5	125.8	148.9	160.2	184.3	183.1	159.1	154.9	136.2	151.4	1,852.2
2008	169.8	149.0	143.2	135.6	142.5	160.5	180.2	182.1	160.2	134.5	127.9	141.2	1,826.7
2009	147.4	130.8	135.6	118.0	136.2	150.7	166.8	171.9	145.3	141.0	117.2	128.9	1,689.8
2010	126.2	111.8	123.1	113.4	129.0	143.8	158.7	166.4	145.9	147.5	118.1	129.9	1,613.8
Industrial													
2006	827.1	762.4	848.8	765.2	870.7	883.8	931.9	960.6	925.2	888.2	861.5	861.6	10,387.1
2007	861.6	788.5	865.2	792.0	951.9	967.8	1,059.0	1,028.8	964.3	1,017.6	947.0	934.6	11,178.5
2008	936.6	867.1	964.2	906.6	944.7	977.1	1,088.8	1,051.0	982.8	840.6	819.7	838.5	11,217.8
2009	808.9	726.5	804.6	716.8	895.1	929.2	983.9	983.7	879.3	897.4	832.8	870.6	10,329.0
2010	830.9	757.3	841.5	827.2	908.8	949.6	990.4	1,036.8	860.1	946.1	843.0	855.4	10,647.0
Water Pumping													
2006	168.1	148.7	204.9	204.2	259.9	286.2	305.7	310.4	293.4	257.8	201.7	197.3	2,838.3
2007	175.7	154.3	194.4	220.7	290.9	312.0	330.9	328.7	293.3	270.0	240.9	209.2	3,020.8
2008	163.7	152.2	209.0	238.9	286.4	292.0	287.7	274.4	252.3	220.0	188.6	184.0	2,749.2
2009	170.5	151.4	161.8	179.7	230.9	241.1	249.0	248.2	218.0	209.6	169.8	174.3	2,404.2
2010	187.7	179.6	219.2	238.3	278.2	285.3	305.5	296.2	274.1	269.5	257.3	237.6	3,028.7
E. Jerusalem & P.A.													
2006	293.4	253.8	250.9	215.2	238.5	227.4	238.5	242.4	322.1	273.7	253.0	287.5	3,096.5
2007	322.9	282.7	289.0	253.9	264.1	280.2	263.6	303.0	269.7	273.4	310.7	344.0	3,457.1
2008	407.2	328.7	294.9	269.7	268.8	281.2	343.2	287.2	317.6	290.7	270.4	306.5	3,666.4
2009	338.6	312.1	334.6	292.2	289.3	310.7	332.6	337.6	304.4	303.0	295.8	331.8	3,782.6
2010	347.4	300.8	339.7	271.0	297.9	318.3	347.2	426.8	338.3	328.9	302.2	347.1	3,965.5

34b Monthly electricity consumption by sector

Annual change, percent

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
Grand Total													
2006	+3.9	-1.5	+6.1	+1.2	+2.8	+4.9	-1.3	+2.2	+7.9	+9.9	+6.0	+9.4	+4.2
2007	+4.4	+6.7	+8.4	+6.8	+8.9	+8.3	+12.0	+6.6	+0.8	+10.4	+7.1	+2.2	+6.8
2008	+10.8	+13.2	-0.5	+7.6	+0.8	+1.9	+2.6	+1.8	+3.0	-7.2	-6.8	-5.5	+1.7
2009	-12.0	-11.6	-0.1	-10.0	-0.8	+0.7	-0.5	-1.1	-4.1	+6.6	+2.7	+2.6	-2.4
2010	-1.4	-3.3	+4.7	+12.3	+2.8	+3.9	+2.7	+15.5	+13.1	+9.3	+8.0	+5.5	+6.2
Residential													
2006	+1.4	-10.8	+11.3	+6.9	+5.0	+9.4	-5.9	+2.8	+13.9	-4.4	+11.9	+17.6	+4.3
2007	+1.8	+8.9	+15.7	+7.1	+5.7	+7.9	+15.2	+3.5	+1.2	+9.6	-2.6	-7.2	+5.1
2008	+12.5	+19.0	-18.1	-4.2	+4.1	+2.1	-0.4	+5.3	-1.2	+0.3	-4.3	-6.6	+1.0
2009	-17.0	-16.1	+17.3	-3.1	+0.2	+4.2	+8.6	-1.7	+1.4	+4.4	+5.0	+2.6	-0.6
2010	-8.9	-18.0	-0.5	+11.4	-4.1	-0.4	-1.3	+22.1	+26.4	+5.4	+0.2	+3.8	+3.1
Public & Commercial													
2006	+4.9	+3.1	+4.7	+0.4	+5.5	+7.7	+3.5	+3.7	+3.7	+13.5	+7.0	+6.7	+5.4
2007	+6.5	+5.0	+7.2	+6.6	+10.1	+5.2	+9.4	+7.0	+2.5	+11.8	+9.3	+4.7	+7.1
2008	+9.0	+11.8	+8.4	+14.5	+0.3	+5.1	+4.7	+3.8	+8.7	-5.5	+1.1	+2.6	+5.0
2009	-4.1	-5.1	-0.8	-8.0	+4.7	+4.2	+0.8	+1.5	-2.6	+11.0	+3.4	+2.8	+0.8
2010	+4.1	+7.5	+8.5	+14.7	+7.0	+7.4	+5.3	+14.5	+10.0	+12.6	+15.5	+8.8	+9.6
Agricultural													
2006	-0.9	-3.2	-2.6	-0.4	+3.8	+5.2	+1.1	+3.5	+4.5	+13.5	+5.8	+10.5	+3.3
2007	+7.0	+13.7	+4.9	+4.4	+9.5	+6.2	+8.8	+2.4	-1.1	+8.8	+2.5	+0.7	+5.5
2008	+6.7	-1.1	+3.4	+7.8	-4.3	+0.2	-2.2	-0.5	+0.7	-13.2	-6.1	-6.8	-1.4
2009	-13.2	-12.2	-5.3	-13.0	-4.4	-6.1	-7.5	-5.6	-9.3	+4.9	-8.4	-8.7	-7.5
2010	-14.4	-14.5	-9.3	-3.9	-5.3	-4.6	-4.8	-3.2	+0.4	+4.6	+0.8	+0.8	-4.5
Industrial													
2006	+2.7	+2.5	+2.8	-1.1	-2.0	-2.7	-3.4	-1.5	+1.0	+12.7	+5.2	+4.2	+1.5
2007	+4.2	+3.4	+1.9	+3.5	+9.3	+9.5	+13.6	+7.1	+4.2	+14.6	+9.9	+8.5	+7.6
2008	+8.7	+10.0	+11.4	+14.5	-0.8	+1.0	+2.8	+2.2	+1.9	-17.4	-13.4	-10.3	+0.4
2009	-13.6	-16.2	-16.5	-20.9	-5.2	-4.9	-9.6	-6.4	-10.5	+6.8	+1.6	+3.8	-7.9
2010	+2.7	+4.2	+4.6	+15.4	+1.5	+2.2	+0.7	+5.4	-2.2	+5.4	+1.2	-1.7	+3.1
Water Pumping													
2006	+21.2	+17.7	+10.6	-8.6	+0.5	+5.5	+5.4	+8.5	+2.8	+32.5	-15.8	-5.3	+4.8
2007	+4.5	+3.8	-5.1	+8.1	+11.9	+9.0	+8.2	+5.9	-0.0	+4.7	+19.5	+6.0	+6.4
2008	-6.8	-1.3	+7.6	+8.2	-1.5	-6.4	-13.1	-16.5	-14.0	-18.5	-21.7	-12.0	-9.0
2009	+4.2	-0.5	-22.6	-24.8	-19.4	-17.4	-13.4	-9.5	-13.6	-4.7	-10.0	-5.3	-12.5
2010	+10.1	+18.6	+35.5	+32.6	+20.5	+18.4	+22.7	+19.3	+25.8	+28.6	+51.5	+36.3	+26.0
E. Jerusalem & P.A.													
2006	+12.4	+10.5	+2.5	+0.8	+2.8	-0.4	-2.3	-3.2	+35.8	+29.3	+3.2	+8.5	+8.2
2007	+10.1	+11.4	+15.2	+18.0	+10.7	+23.2	+10.5	+25.0	-16.3	-0.1	+22.8	+19.6	+11.6
2008	+26.1	+16.3	+2.1	+6.2	+1.8	+0.4	+30.2	-5.2	+17.7	+6.4	-13.0	-10.9	+6.1
2009	-16.9	-5.0	+13.5	+8.3	+7.6	+10.5	-3.1	+17.6	-4.1	+4.2	+9.4	+8.2	+3.2
2010	+2.6	-3.6	+1.5	-7.2	+3.0	+2.4	+4.4	+26.4	+11.1	+8.6	+2.2	+4.6	+4.8

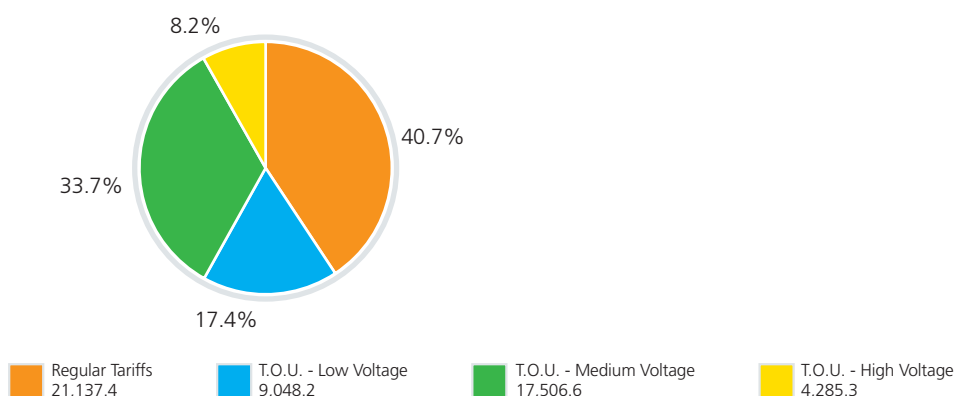
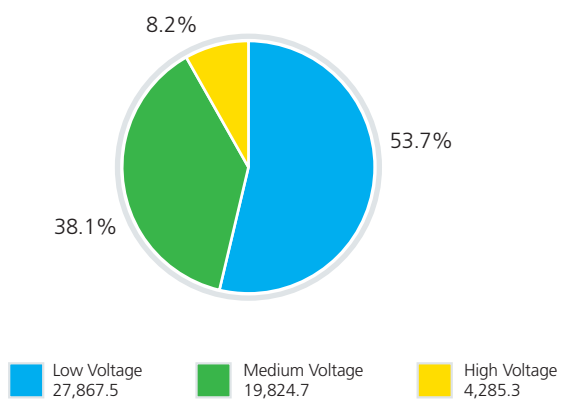
35 Electricity consumption by tariff and voltage level, 2010

Million Kwh

Sector	Regular Tariffs		T.O.U. Tariffs			Total
	Low Voltage	Medium Voltage	Low Voltage	Medium Voltage	High Voltage	
Residential	15,398	-	193	-	-	15,591
Public & Commercial	2,923	-	6,371	7,629	209	17,132
Agricultural	81	-	386	1,147	-	1,614
Industrial	311	-	1,453	5,544	3,339	10,647
Water Pumping	28	-	640	1,624	737	3,029
E. Jerusalem & P.A.	80	2,318	5	1,563	-	3,966
Total	18,819	2,318	9,048	17,507	4,285	51,978

36 Distribution of electricity consumption by tariff and voltage level, 2010

Total annual consumption: 51,977.4 million Kwh



37a Monthly electricity consumption by sector

Million Kwh

Tariff Groups	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
Residential	1,304.6	1,021.5	1,213.5	1,028.1	988.1	1,231.4	1,556.0	1,847.9	1,644.4	1,205.7	1,043.2	1,313.5	15,397.9
Public & Commercial	220.7	182.2	202.9	207.9	224.1	256.4	294.4	299.0	291.9	277.3	234.6	231.3	2,922.6
Agricultural	6.9	5.8	6.2	6.1	5.9	6.2	7.8	7.8	7.6	7.3	6.5	6.9	81.0
Industrial	25.1	20.4	22.4	22.3	23.0	25.5	29.3	30.4	29.9	28.0	24.3	29.9	310.6
Water Pumping	1.7	2.0	1.5	1.8	2.4	2.7	3.1	2.8	2.8	2.5	2.2	2.2	27.7
E. Jerusalem & P.A.	195.7	173.9	187.9	181.4	185.5	189.8	215.3	279.3	209.2	199.5	185.6	194.6	2,397.6
T.O.U. Tariff	2,271.5	2,100.3	2,344.2	2,233.3	2,570.2	2,804.1	2,958.4	3,158.9	2,702.0	2,807.6	2,467.5	2,422.1	30,840.0
Total	4,026.2	3,506.0	3,978.5	3,681.0	3,999.3	4,516.0	5,064.4	5,626.1	4,887.8	4,527.8	3,963.9	4,200.5	51,977.4

37b Monthly electricity consumption by tariff and voltage level

Million Kwh

Tariff Groups	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
Regular Tariffs	1,754.7	1,405.7	1,634.4	1,447.6	1,429.1	1,712.0	2,106.0	2,467.2	2,185.8	1,720.3	1,496.4	1,778.4	21,137.4
thereof:													
Low Voltage	1,565.5	1,237.6	1,452.5	1,272.3	1,249.7	1,529.0	1,898.1	2,195.7	1,984.2	1,528.0	1,316.9	1,589.8	18,819.3
Medium Voltage	189.3	168.1	181.8	175.4	179.4	183.0	207.9	271.5	201.6	192.3	179.4	188.5	2,318.1
T.O.U. Tariffs	2,271.5	2,100.3	2,344.2	2,233.3	2,570.2	2,804.1	2,958.4	3,158.9	2,702.0	2,807.6	2,467.5	2,422.1	30,840.0
thereof:													
Low Voltage	652.9	602.3	657.7	627.1	749.5	847.3	871.6	958.3	823.1	850.6	725.2	682.5	9,048.2
Medium Voltage	1,297.9	1,195.0	1,350.6	1,237.8	1,432.6	1,582.1	1,700.4	1,797.4	1,531.8	1,577.2	1,410.5	1,393.3	17,506.6
High Voltage	320.7	303.1	335.9	368.4	388.1	374.7	386.4	403.2	347.0	379.8	331.7	346.4	4,285.3
Total	4,026.2	3,506.0	3,978.5	3,681.0	3,999.3	4,516.0	5,064.4	5,626.1	4,887.8	4,527.8	3,963.9	4,200.5	51,977.4

38a Annual electricity consumption by sector

Tariff Groups	Million Kwh					Percent				
	2006	2007	2008	2009	2010	2006	2007	2008	2009	2010
Residential	14,198.1	14,914.2	15,051.6	14,952.7	15,397.9	30.7	30.2	30.0	30.5	29.6
Public & Commercial	2,838.6	2,939.0	3,032.0	2,869.0	2,922.6	6.1	6.0	6.0	5.9	5.6
Agricultural	84.1	86.9	87.1	81.5	81.0	0.2	0.2	0.2	0.2	0.2
Industrial	348.4	343.4	304.8	295.5	310.6	0.8	0.7	0.6	0.6	0.6
Water Pumping	49.6	51.5	41.8	33.7	27.7	0.1	0.1	0.1	0.1	0.1
E. Jerusalem & P.A.	1,870.0	2,097.2	2,289.8	2,294.6	2,397.6	4.0	4.3	4.6	4.7	4.6
T.O.U. Tariff	26,785.8	28,890.9	29,353.8	28,420.4	30,840.0	58.1	58.5	58.5	58.0	59.3
Total	46,174.7	49,323.1	50,160.9	48,947.3	51,977.4	100.0	100.0	100.0	100.0	100.0

38b Annual electricity consumption by tariff and voltage level

Tariff Groups	Million Kwh					Percent				
	2006	2007	2008	2009	2010	2006	2007	2008	2009	2010
Regular Tariffs	19,388.9	20,432.2	20,807.0	20,527.0	21,137.4	42.0	41.4	41.5	41.9	40.7
thereof:										
Low Voltage	17,597.0	18,414.3	18,611.4	18,311.3	18,819.3	38.1	37.3	37.1	37.4	36.2
Medium Voltage	1,791.9	2,017.9	2,195.6	2,215.7	2,318.1	3.9	4.1	4.4	4.5	4.5
T.O.U. Tariffs	26,785.8	28,890.9	29,353.8	28,420.4	30,840.0	58.0	58.6	58.5	58.1	59.3
thereof:										
Low Voltage	7,729.8	8,234.3	8,374.6	8,441.5	9,048.2	16.7	16.7	16.7	17.2	17.4
Medium Voltage	15,336.5	16,432.0	16,675.0	16,182.1	17,506.6	33.2	33.3	33.2	33.1	33.7
High Voltage	3,719.5	4,224.6	4,304.3	3,796.8	4,285.3	8.1	8.6	8.6	7.8	8.2
Total	46,174.7	49,323.1	50,160.9	48,947.3	51,977.4	100.0	100.0	100.0	100.0	100.0

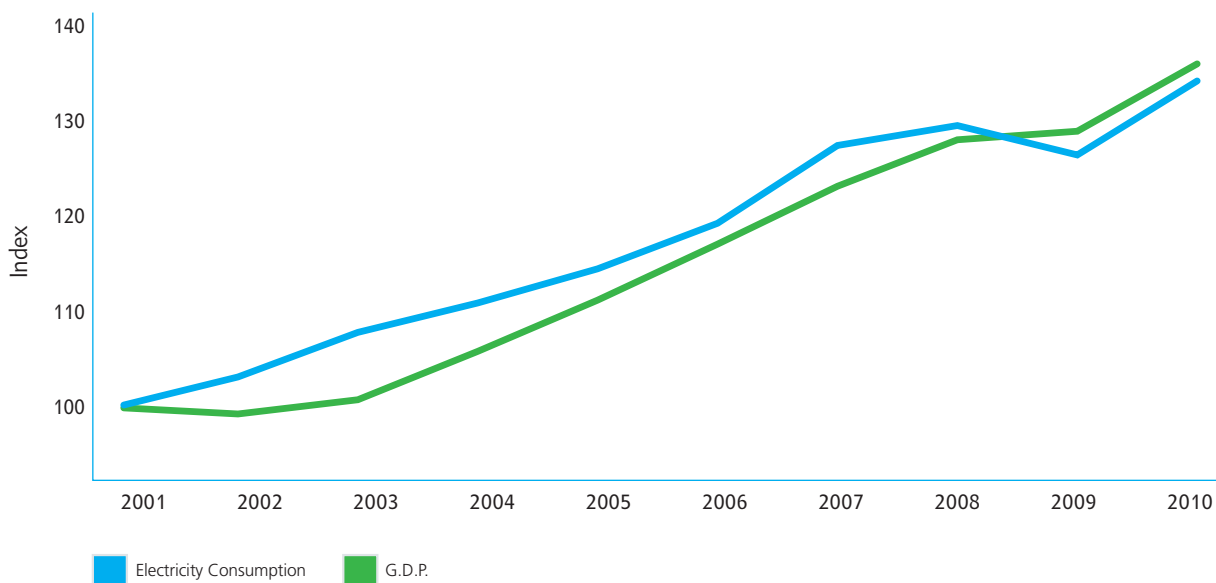
39 The relation between the annual electricity consumption and the G.D.P.

Year	Electricity Consumption		G.D.P. ¹		Kwh per Capita vs. G.D.P. per Capita (Kwh per 1,000 NIS)
	Total (Million Kwh)	Per Capita ² (Kwh)	Total (Million NIS)	Per Capita (NIS)	
2001	38,665	5,585	541,452	72,451	77.1
2002	39,920	5,673	537,851	70,492	80.5
2003	41,721	5,819	545,978	70,121	83.0
2004	42,933	5,871	573,267	71,780	81.8
2005	44,309	5,929	602,504	86,187	68.8
2006	46,175	6,053	634,333	89,133	67.9
2007	49,323	6,332	667,340	92,128	68.7
2008	50,161	6,305	694,037	94,119	67.0
2009	48,947	5,985	698,919	92,620	64.6
2010	51,977	6,238	737,429	95,805	65.1

1 Source: Central Bureau of Statistics, 2005 Prices.
 2 Excluding consumption in E. Jerusalem and the P.A.

40 Growth in G.D.P. vs. growth in total electricity consumption

2001=100



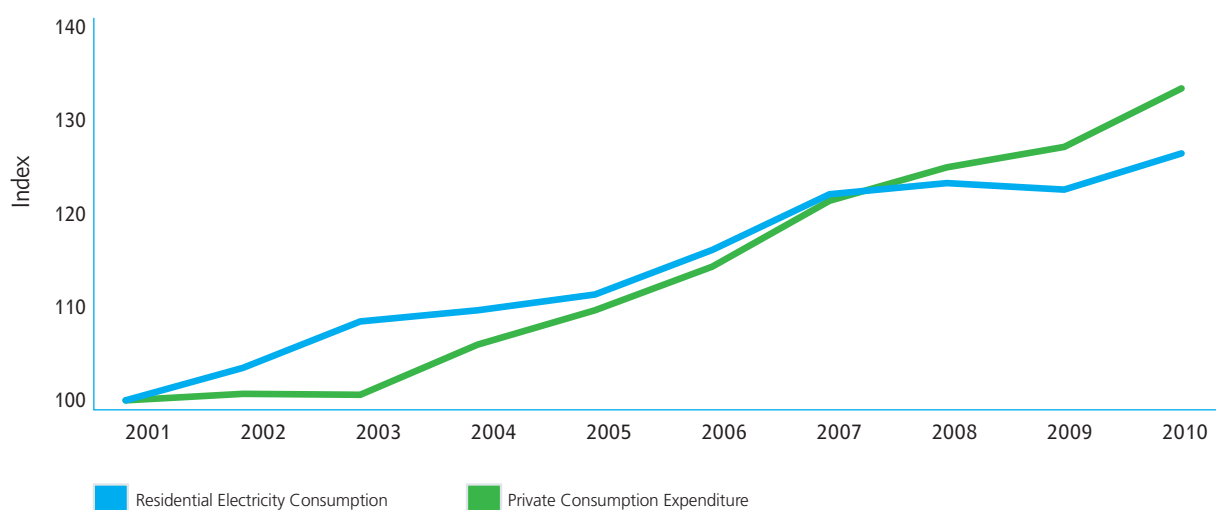
41 The relation between residential electricity consumption and private consumption expenditure

Year	Electricity Consumption		Private Expenditure ¹		Kwh vs. NIS of Private Expenditure Unit Ratio (Kwh per 1,000 NIS)
	Total (Million Kwh)	Per Capita (Kwh)	Total (Million NIS)	Per Capita (NIS)	
2001	12,319	1,893	306,202	47,044	40.2
2002	12,747	1,922	308,366	46,503	41.3
2003	13,365	1,980	308,189	45,668	43.4
2004	13,517	1,968	324,527	47,242	41.7
2005	13,719	1,962	335,914	48,052	40.8
2006	14,313	2,011	350,265	49,217	40.9
2007	15,049	2,078	372,168	51,379	40.4
2008	15,201	2,061	385,488	52,277	39.4
2009	15,117	2,003	390,943	51,807	38.7
2010	15,591	2,026	408,985	53,134	38.1

1 Source: Central Bureau of Statistics, 2005 Prices.

42 Growth in private consumption expenditure vs. growth in residential electricity consumption expenditure

2001=100



43 Distribution of residential consumers by consumption level

Percent

Consumption Level (Kwh)	2009		2010	
	Regular	Cumulative	Regular	Cumulative
- 0	0.3	0.3	0.3	0.3
1 - 500	1.0	1.3	1.0	1.3
501 - 1,000	0.8	2.1	0.7	2.0
1,001 - 1,500	1.6	3.7	1.6	3.6
1,501 - 2,000	2.8	6.5	2.7	6.3
2,001 - 2,500	3.9	10.4	3.8	10.1
2,501 - 3,000	4.8	15.2	4.6	14.7
3,001 - 3,500	5.3	20.5	5.2	19.9
3,501 - 4,000	5.7	26.2	5.5	25.4
4,001 - 4,500	5.7	31.9	5.6	31.0
4,501 - 5,000	5.6	37.5	5.5	36.5
5,001 - 5,500	5.5	43.0	5.3	41.8
5,501 - 6,000	5.2	48.2	5.1	46.9
6,001 - 6,500	4.8	53.0	4.8	51.7
6,501 - 7,000	4.5	57.5	4.5	56.2
7,001 - 7,500	4.1	61.6	4.1	60.3
7,501 - 8,000	3.8	65.4	3.8	64.1
8,001 - 8,500	3.4	68.8	3.5	67.6
8,501 - 9,000	3.1	71.9	3.2	70.8
9,001+	28.1	100.0	29.2	100.0
Total	100.0	-	100.0	-

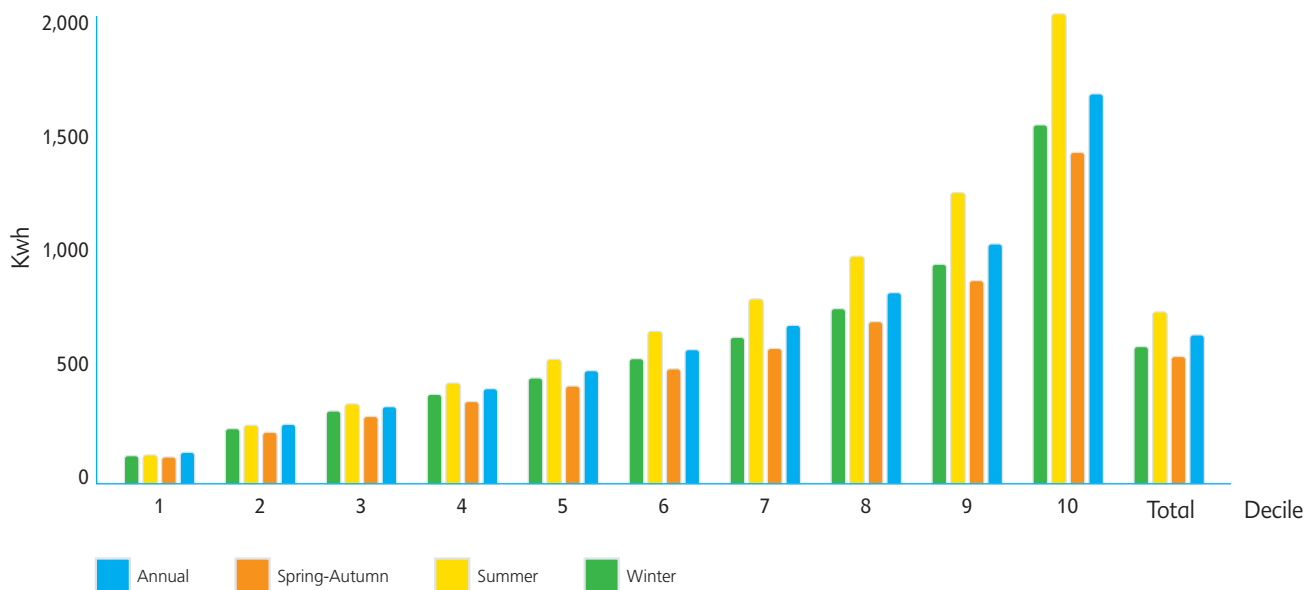
44 Household electricity consumption by deciles

Decile	Annual Consumption Level (Kwh)	Annual Consumption per Household (Kwh)		Percent Change	Annual Consumption, 2010	
		2010	2001		Million Kwh	Percent
1	2,485 - 0	1,586	1,437	10.4	319	2.0
2	3,499 - 2,486	3,013	2,684	12.3	607	4.0
3	4,400 - 3,500	3,952	3,486	13.4	795	5.2
4	5,317 - 4,401	4,855	4,264	13.9	978	6.4
5	6,314 - 5,318	5,806	5,093	14.0	1,170	7.6
6	7,457 - 6,315	6,870	6,034	13.9	1,383	9.0
7	8,864 - 7,458	8,129	7,169	13.4	1,638	10.7
8	10,788 - 8,865	9,764	8,645	12.9	1,967	12.8
9	14,072 - 10,789	12,232	10,907	12.1	2,464	16.1
10	+ 14,073	19,931	17,827	11.8	4,015	26.2
Total		7,615	6,756	12.7	15,337	100.0

45 Monthly household electricity consumption by deciles and seasons

Decile	Average Monthly Consumption per Household (Kwh)			
	Winter	Summer	Spring-Autumn	Annual
1	119.0	123.0	116.1	132.2
2	235.2	249.2	220.2	251.1
3	310.4	339.0	286.2	329.3
4	380.2	430.6	348.9	404.6
5	451.8	531.5	414.5	483.8
6	530.9	647.7	487.4	572.5
7	624.4	787.2	574.6	677.4
8	746.0	967.8	688.5	813.7
9	935.2	1,238.0	863.5	1,019.3
10	1,527.8	2,001.1	1,413.0	1,660.9
Total	586.2	731.7	541.4	634.6

46 Distribution of monthly household consumption by deciles and seasons



47 Industrial electricity consumption by major branch¹

Million Kwh

Industrial Branch	2006	2007	2008	2009	2010
Mining & Quarrying	307.1	333.7	350.5	289.3	427.1
Food, Beverages & Tobacco	1,300.1	1,345.4	1,336.9	1,302.3	1,223.8
Textiles	510.0	516.4	348.7	254.6	245.9
Clothing	45.9	48.2	46.0	47.4	62.6
Leather	17.8	18.1	17.9	17.1	12.4
Wood	107.4	117.4	125.9	122.6	107.2
Paper	290.1	314.7	314.7	314.7	314.7
Printing	118.0	121.5	125.5	122.6	137.4
Rubber & Plastic Products	714.0	744.4	724.9	728.1	989.8
Chemical & Oil Products	1,709.4	1,942.9	1,995.6	1,729.2	1,563.3
Non Metallic Minerals Products	759.2	763.6	733.5	641.0	556.2
Basic Metal	383.1	400.9	368.1	342.2	341.6
Metal Products	637.4	661.9	646.4	580.1	549.4
Machinery	264.4	83.0	82.9	80.1	108.9
Electrical & Electronic Equipment	951.7	966.5	932.6	721.5	390.4
Transport Equipment	338.8	363.0	355.4	362.0	374.6
Diamonds	34.4	35.4	34.3	30.4	16.6
Miscellaneous	1,235.0	1,410.0	1,598.8	1,632.2	2,092.8
Total	9,723.6	10,187.0	10,138.6	9,317.7	9,514.6

¹ According to the Israel Standard Industrial classification of the Central Bureau of Statistics.

48 Average electricity consumption

Kwh

Year	Total Consumption		Domestic Consumption per Household
	Per Capita	Per Consumer	
2001	5,585	16,834	6,756
2002	5,673	17,028	6,988
2003	5,819	17,441	7,194
2004	5,871	17,580	7,126
2005	5,929	17,865	7,139
2006	6,053	18,302	7,304
2007	6,332	19,239	7,666
2008	6,273	19,232	7,638
2009	5,981	18,430	7,486
2010	6,238	19,310	7,615

49a Annual average price per kwh by sector¹

Current prices, Agorot

Year	Residential	Public & Commercial	Agricultural	Industrial	Water Pumping	E. Jerusalem & P.A.	Total
2001	32.05	30.97	26.95	25.99	23.97	25.23	29.22
2002	37.05	35.75	31.02	29.58	27.87	27.98	33.63
2003	39.97	37.57	32.34	30.26	27.88	29.16	35.35
2004	42.14	39.97	34.23	32.35	29.57	31.25	37.49
2005	45.49	43.38	37.74	35.94	31.79	34.63	40.82
2006	43.87	41.88	36.69	34.83	29.98	33.67	39.43
2007	42.93	40.75	35.33	33.67	29.04	32.96	38.34
2008	48.81	47.39	41.38	39.61	33.93	38.71	44.49
2009	46.32	44.94	39.39	38.00	32.42	37.24	42.50
2010	42.76	39.09	35.06	33.24	29.17	32.71	37.80

1 Average price = $\frac{\text{The income from electricity sales}}{\text{Electricity consumption}}$

49b Annual average price per kwh by sector¹2010 prices², Agorot

Year	Residential	Public & Commercial	Agricultural	Industrial	Water Pumping	E. Jerusalem & P.A.	Total
2001	38.16	36.88	32.09	30.95	28.54	30.04	34.79
2002	41.74	40.28	34.95	33.33	31.40	31.52	37.89
2003	44.73	42.05	36.19	33.87	31.20	32.64	39.56
2004	47.36	44.92	38.47	36.36	33.23	35.12	42.13
2005	50.45	48.11	41.86	39.86	35.26	38.41	45.27
2006	47.65	45.49	39.85	37.83	32.56	36.57	42.83
2007	46.39	44.04	38.18	36.38	31.38	35.62	41.43
2008	50.43	48.96	42.75	40.92	35.06	39.99	45.97
2009	46.32	44.94	39.39	38.00	32.42	37.24	42.50
2010	42.76	39.09	35.06	33.24	29.17	32.71	37.80

1 Average price = $\frac{\text{The income from electricity sales}}{\text{Electricity consumption}}$

2 Adjusted by consumer price index (annual average).

50a Monthly average price per kwh by sector, 2010

Agorot/Kwh

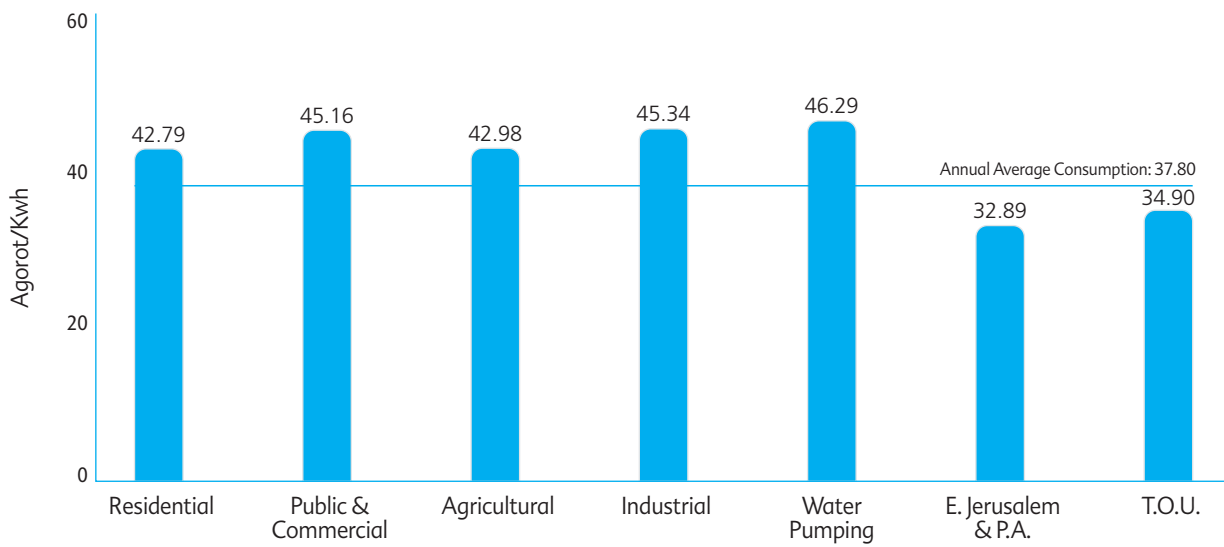
Tariff Groups	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
Residential	46.61	44.96	42.50	42.74	42.90	42.36	42.13	41.74	41.90	41.90	42.60	42.23	42.79
Public & Commercial	52.04	48.46	44.42	44.68	44.41	44.35	44.19	44.24	44.12	44.15	44.43	44.40	45.16
Agricultural	46.70	44.82	42.56	42.59	42.62	42.94	42.37	42.08	42.31	42.30	42.57	42.30	42.98
Industrial	53.47	49.49	44.91	45.33	44.98	44.96	44.74	44.65	44.71	44.79	45.11	39.27	45.34
Water Pumping	54.41	51.02	43.96	45.03	45.30	45.23	45.50	45.41	45.52	45.38	45.53	45.62	46.29
E. Jerusalem & P.A.	37.29	35.37	33.22	32.34	32.54	31.33	31.67	32.99	31.93	32.16	32.32	32.16	32.89
T.O.U. Tariff	36.78	35.30	32.21	29.87	30.33	30.93	43.67	45.40	30.38	30.60	30.77	39.32	34.90
Total	40.96	38.91	36.11	34.55	34.44	34.92	42.70	43.50	35.25	34.62	34.87	40.17	37.80

50b Monthly average price per kwh by tariff and voltage level, 2010

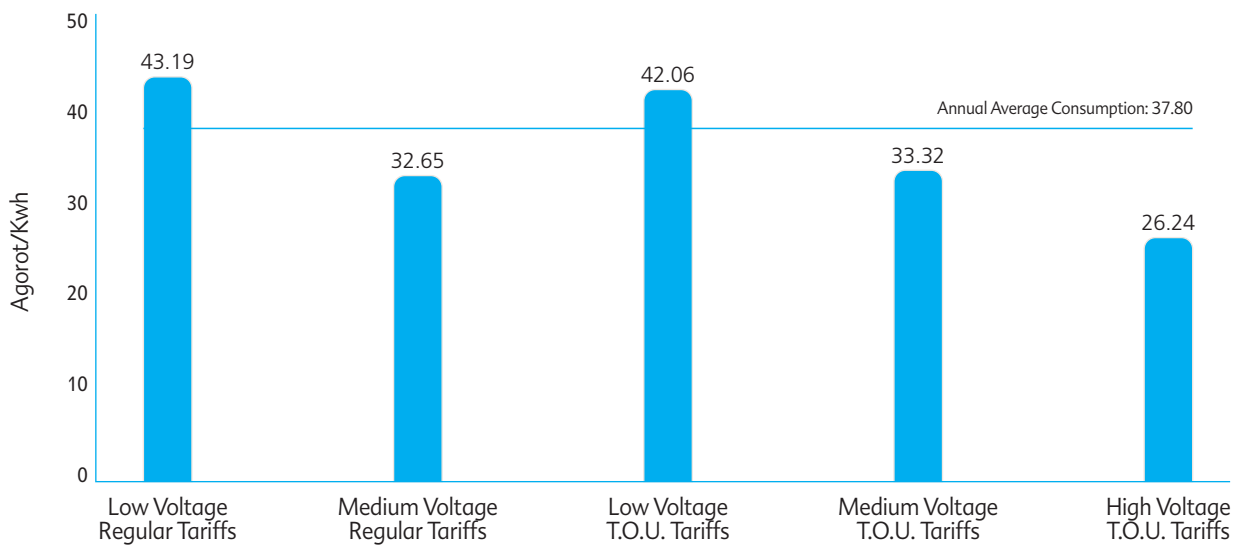
Agorot/Kwh

Tariff Groups	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
Regular Tariffs	46.36	44.30	41.71	41.74	41.81	41.42	41.34	41.07	41.26	41.15	41.62	41.33	42.01
thereof:													
Low Voltage	47.48	45.54	42.80	43.09	43.20	42.74	42.49	42.12	42.27	42.36	42.96	42.48	43.19
Medium Voltage	37.10	35.17	33.00	32.09	32.30	31.04	31.40	32.80	31.64	31.88	32.07	31.92	32.65
T.O.U. Tariffs	36.78	35.30	32.21	29.87	30.33	30.93	43.67	45.40	30.38	30.60	30.77	39.32	34.90
thereof:													
Low Voltage	44.56	42.55	38.69	36.41	36.41	37.11	53.12	54.71	36.53	36.77	37.08	46.74	42.06
Medium Voltage	35.34	33.88	30.81	28.47	28.66	29.52	41.87	43.52	28.60	28.86	29.12	37.73	33.32
High Voltage	26.80	26.53	25.15	23.47	24.74	22.93	30.27	31.66	23.68	24.02	23.99	31.06	26.24
Total	40.96	38.91	36.11	34.55	34.44	34.92	42.70	43.50	35.25	34.62	34.87	40.17	37.80

51 Annual average price distribution per kwh by sector, 2010



52 Annual average price per kwh by voltage level, 2010



53

Monthly average price per kwh by sector

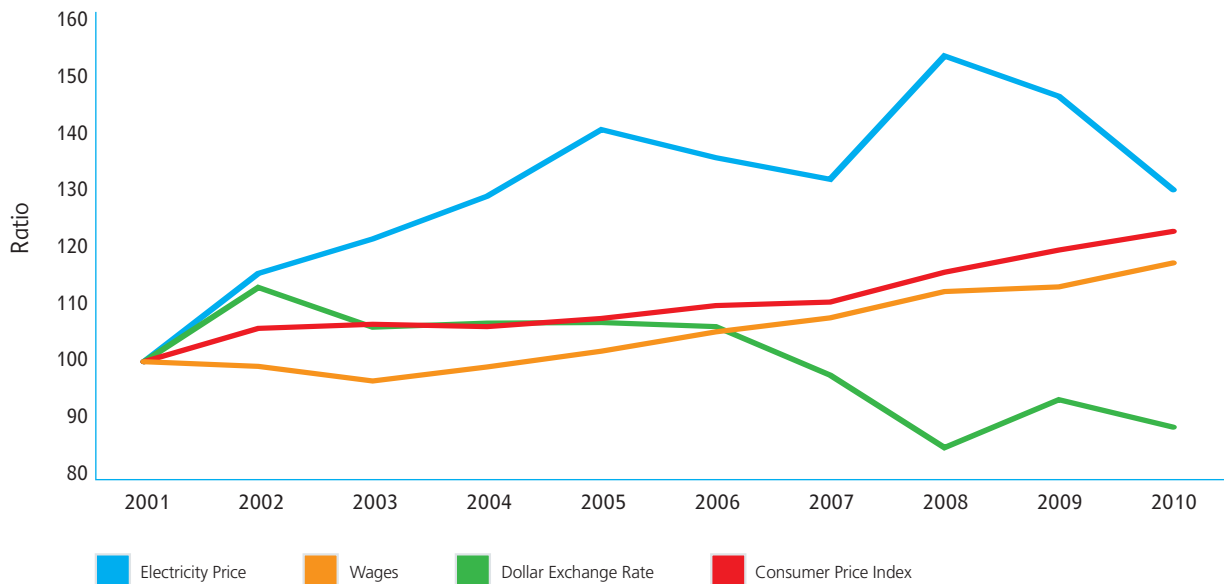
Current prices, Agorot/Kwh

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
Grand Total													
2006	39.37	39.01	38.34	37.92	39.11	39.14	41.64	41.77	40.98	38.73	38.63	37.29	39.43
2007	37.69	37.42	36.95	36.48	35.72	35.77	38.43	39.32	39.09	40.24	41.40	40.97	38.34
2008	41.89	42.67	41.45	43.75	43.35	44.07	47.62	47.74	47.44	44.26	45.01	43.02	44.49
2009	42.85	43.16	42.74	42.42	43.50	42.98	43.32	42.88	42.43	41.27	41.30	40.83	42.50
2010	40.96	38.91	36.11	34.55	34.44	34.92	42.70	43.50	35.25	34.62	34.87	40.17	37.80
Residential													
2006	44.07	44.36	44.31	44.43	44.53	43.93	43.68	43.61	43.92	44.05	43.38	42.74	43.87
2007	42.55	43.04	42.94	43.34	40.91	40.18	40.34	41.59	43.25	45.19	46.26	46.41	42.93
2008	46.52	47.72	47.76	48.64	48.77	48.33	49.77	50.21	50.61	50.63	49.29	48.07	48.81
2009	47.87	47.90	47.36	48.22	48.69	45.97	44.84	44.70	45.02	45.14	45.43	45.91	46.32
2010	46.58	44.92	42.46	42.66	42.80	42.28	42.20	41.82	41.85	41.84	42.50	42.29	42.76
Public & Commercial													
2006	40.73	40.46	40.04	39.36	41.36	41.32	45.13	45.53	44.80	41.14	40.93	38.48	41.88
2007	38.97	38.75	38.18	37.68	38.02	38.07	41.94	42.73	42.08	43.10	44.45	43.01	40.75
2008	43.65	44.47	43.73	46.54	46.07	47.04	51.84	51.60	51.22	46.13	47.66	44.73	47.39
2009	43.92	44.58	44.10	43.74	45.88	45.82	47.00	46.49	45.78	43.82	43.82	42.61	44.94
2010	42.37	40.10	36.60	34.44	34.43	35.06	47.30	48.78	34.54	34.73	34.88	42.78	39.09
Agricultural													
2006	35.96	35.77	34.87	34.32	36.21	36.29	40.05	40.45	39.06	35.97	35.59	33.38	36.69
2007	33.97	32.68	33.94	32.59	32.79	33.00	36.44	37.78	36.33	37.46	38.55	37.48	35.33
2008	38.03	38.60	38.28	41.38	40.34	40.98	45.45	44.74	45.10	39.72	42.18	40.08	41.38
2009	38.97	39.41	39.27	39.07	40.13	40.06	41.12	40.60	39.50	38.07	38.24	37.19	39.39
2010	36.84	35.59	32.62	30.48	30.79	31.42	42.82	43.90	30.77	30.74	31.32	39.75	35.06
Industrial													
2006	33.65	33.34	32.98	32.91	34.97	34.79	38.39	38.79	36.90	34.43	34.16	31.25	34.83
2007	32.02	31.63	30.97	31.13	31.67	31.82	35.27	35.81	34.50	35.57	36.87	35.15	33.67
2008	36.15	36.47	36.02	39.34	38.54	39.54	43.72	43.53	43.16	38.72	40.89	37.64	39.61
2009	37.16	37.59	37.81	37.59	38.89	39.21	39.88	39.47	38.59	36.97	36.79	35.31	38.00
2010	34.91	33.71	31.02	28.43	28.71	29.87	41.43	42.88	29.42	29.29	29.65	37.14	33.24
Water Pumping													
2006	28.38	28.76	27.83	27.49	30.10	30.49	33.21	32.96	31.60	28.99	28.55	26.80	29.98
2007	26.86	26.05	26.32	26.64	27.60	27.86	30.27	31.09	28.95	30.58	31.75	31.68	29.04
2008	29.27	30.91	30.27	34.80	34.37	34.81	37.71	36.90	35.94	31.60	33.32	31.83	33.93
2009	32.48	33.56	33.78	33.18	33.59	33.30	33.67	32.52	31.51	30.91	30.60	29.39	32.42
2010	29.35	27.97	26.30	27.20	29.12	26.22	33.35	35.06	26.92	27.22	27.20	32.41	29.17
E. Jerusalem & P.A.													
2006	34.25	33.93	33.81	33.06	33.57	33.56	35.01	32.94	34.41	32.88	33.72	32.76	33.67
2007	32.73	32.54	32.38	31.77	30.47	30.31	31.78	32.91	32.64	34.33	36.24	36.14	32.96
2008	36.62	37.14	37.32	38.47	37.82	38.13	40.74	40.88	40.25	39.31	39.73	38.71	38.71
2009	38.15	38.43	38.71	38.12	37.93	37.84	36.85	36.29	35.53	35.84	36.40	36.67	37.24
2010	36.88	34.68	31.67	30.74	30.37	30.00	34.62	35.54	29.84	30.45	30.71	35.29	32.71

54 Evolution of electricity price by main sectors
2010 prices, 2001=100



55 Increase in electricity price vs. increase in wages, dollar exchange rate and consumer price index
2001=100



56a Annual revenue by sector

Current Prices, million NIS

Year	Residential	Public & Commercial	Agricultural	Industrial	Water Pumping	E. Jerusalem & P.A.	Total
2000	3,948.0	3,412.4	426.8	2,399.2	527.7	583.3	11,297.4
2002	4,722.7	4,142.2	502.9	2,787.3	624.9	643.5	13,423.5
2003	5,341.5	4,507.8	541.2	2,943.4	697.4	715.5	14,746.8
2004	5,696.8	4,999.7	582.3	3,196.3	806.7	811.9	16,093.7
2005	6,240.6	5,675.7	641.2	3,679.1	860.9	991.5	18,089.0
2006	6,279.8	5,773.6	643.9	3,617.5	850.9	1,042.7	18,208.4
2007	6,460.6	6,017.6	654.4	3,763.6	877.1	1,139.6	18,912.8
2008	7,419.8	7,345.5	755.9	4,443.3	932.8	1,419.4	22,316.6
2009	7,001.7	7,022.0	665.6	3,925.2	779.5	1,408.4	20,802.4
2010	6,667.3	6,696.4	565.8	3,538.8	883.6	1,316.8	19,668.6

56b Annual revenue by sector2010 prices¹, million NIS

Year	Residential	Public & Commercial	Agricultural	Industrial	Water Pumping	E. Jerusalem & P.A.	Total
2001	4,701.1	4,063.4	508.2	2,856.9	628.4	694.5	13,452.5
2002	5,321.0	4,667.0	566.6	3,140.4	704.1	725.0	15,124.0
2003	5,978.2	5,045.1	605.7	3,294.2	780.5	800.8	16,504.5
2004	6,402.3	5,618.8	654.4	3,592.1	906.6	912.5	18,086.7
2005	6,921.4	6,294.9	711.2	4,080.5	954.8	1,099.7	20,062.5
2006	6,821.1	6,271.4	699.4	3,929.4	924.2	1,132.6	19,778.1
2007	6,981.5	6,502.8	707.1	4,067.0	947.8	1,231.5	20,437.7
2008	7,665.9	7,589.1	780.9	4,590.7	963.7	1,466.5	23,056.8
2009	7,001.7	7,022.0	665.6	3,925.2	779.5	1,408.4	20,802.4
2010	6,667.3	6,696.4	565.8	3,538.8	883.6	1,316.8	19,668.6

¹ Adjusted by consumer price index (annual average).

57a Monthly revenue by main tariff groups, 2010

Million NIS

Tariff Groups	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Residential	608.1	459.3	515.8	439.5	423.9	521.7	655.5	771.2	689.1	505.2	444.4	554.7	6,588.2
Public & Commercial	114.9	88.3	90.1	92.9	99.5	113.7	130.1	132.3	128.8	122.4	104.2	102.7	1,319.9
Agricultural	3.2	2.6	2.7	2.6	2.5	2.7	3.3	3.3	3.2	3.1	2.8	2.9	34.8
Industrial	13.4	10.1	10.0	10.1	10.4	11.5	13.1	13.6	13.4	12.5	10.9	11.7	140.8
Water Pumping	0.9	1.0	0.6	0.8	1.1	1.2	1.4	1.3	1.3	1.2	1.0	1.0	12.8
E. Jerusalem & P.A.	73.0	61.5	62.4	59.6	61.6	63.1	71.5	93.8	69.3	66.3	61.6	64.6	808.4
T.O.U. Tariff	835.5	741.5	755.0	667.1	779.5	867.4	1,291.9	1,434.2	820.9	859.1	759.2	952.3	10,763.7
Total	1,649.0	1,364.3	1,436.7	1,272.5	1,378.5	1,581.2	2,166.9	2,449.7	1,725.8	1,569.8	1,384.2	1,689.9	19,668.6

57b Monthly revenue by tariff and voltage level, 2010

Million NIS

Tariff Groups	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Regular Tariffs	813.5	622.8	681.7	605.4	599.0	713.8	875.0	1,015.4	905.0	710.7	625.0	737.7	8,904.9
thereof:													
Low Voltage	743.3	563.6	621.7	548.3	539.9	653.4	806.4	924.7	838.7	647.2	565.8	675.4	8,128.5
Medium Voltage	70.2	59.1	60.0	57.2	59.1	60.4	68.6	90.7	66.2	63.4	59.2	62.2	776.4
T.O.U. Tariffs	835.5	741.5	755.0	667.1	779.5	867.4	1,291.9	1,434.2	820.9	859.1	759.2	952.3	10,763.7
thereof:													
Low Voltage	290.9	256.3	254.4	228.3	272.9	314.4	463.0	524.3	300.7	312.7	268.9	319.0	3,805.9
Medium Voltage	458.7	404.8	416.1	352.4	410.5	467.0	711.9	782.2	438.0	455.2	410.7	525.7	5,833.4
High Voltage	85.9	80.4	84.5	86.5	96.0	85.9	117.0	127.7	82.2	91.2	79.6	107.6	1,124.4
Total	1,649.0	1,364.3	1,436.7	1,272.5	1,378.5	1,581.2	2,166.9	2,449.7	1,725.8	1,569.8	1,384.2	1,689.9	19,668.6

58 Nominal generating capacity by primary energy source

Country	Nominal Capacity, MW			Energy Source, 2008, Percent					Plant Factor (Percent)
	2008	2004	Annual Change (%)	Conventional-Thermal	Hydro-Electric	Combined Cycle	Nuclear	Other	
Germany	139.3	124.6	2.8	53.5	2.5	24.6	14.7	4.7	26.7
France	117.8	117.0	0.2	20.7	17.7	4.2	53.7	3.7	24.8
Italy	98.6	81.3	4.9	69.6	13.9	8.8	0.0	7.6	38.2
Spain	93.5	69.6	7.7	50.4	14.0	22.0	7.9	5.7	36.4
UK	85.6	80.8	1.5	76.0	1.9	6.1	12.8	3.2	27.0
Turkey	41.8	36.8	3.2	65.7	33.1	1.3	0.0	0.0	25.3
Sweden	33.9	33.7	0.2	13.1	48.2	12.1	26.3	0.3	26.7
Norway	32.7	31.9	0.6	91.0	2.8	1.9	0.0	4.3	25.5
Netherlands	30.8	28.0	2.4	1.7	91.7	1.7	0.0	4.8	25.2
Poland	24.9	21.8	3.3	83.8	0.1	14.0	2.1	0.0	28.0
Romania	21.8	20.3	1.7	64.2	29.2	0.1	6.5	0.0	40.0
Austria	20.8	19.0	2.3	19.3	39.5	20.5	0.0	20.6	38.3
Switzerland	19.4	19.1	0.4	2.6	69.5	2.2	16.6	9.2	34.4
Czech Rep.	17.7	17.4	0.4	62.2	5.9	4.2	21.2	6.5	25.8
Finland	16.8	15.6	1.7	49.6	0.7	7.2	34.8	7.8	24.4
Belgium	16.6	16.6	0.1	53.9	18.6	11.4	16.0	0.0	25.8
Portugal	15.8	12.7	5.5	46.8	25.5	21.1	0.0	6.5	41.8
Greece	14.3	12.4	3.5	69.9	17.4	7.8	0.0	4.9	27.6
Denmark	12.5	13.3	-1.6	67.1	0.1	32.9	0.0	0.0	41.6
Israel	11.7	9.9	4.3	79.2	0.0	20.8	0.0	0.0	54.5
Bulgaria	9.7	12.3	-5.9	48.1	22.0	1.2	19.7	8.9	26.4
Hungary	8.6	8.6	0.0	70.5	0.6	6.4	22.5	0.0	26.1
Ireland	7.4	5.8	6.3	75.8	3.2	17.0	0.0	3.9	30.8
Slovakia	7.4	8.3	-2.9	33.0	22.2	2.5	29.9	12.5	30.7
Slovenia	3.0	3.0	0.2	42.5	33.7	1.9	21.8	0.0	22.3
Luxemburg	1.7	1.7	0.3	27.0	2.0	5.1	0.0	65.9	85.0
Cyprus	1.1	1.0	3.0	99.9	0.0	0.1	0.0	0.0	27.1

Source: Energy Information Administration, EI 30, 1000 Independence Avenue, SW, Washington, DC 20585 (Internet website)

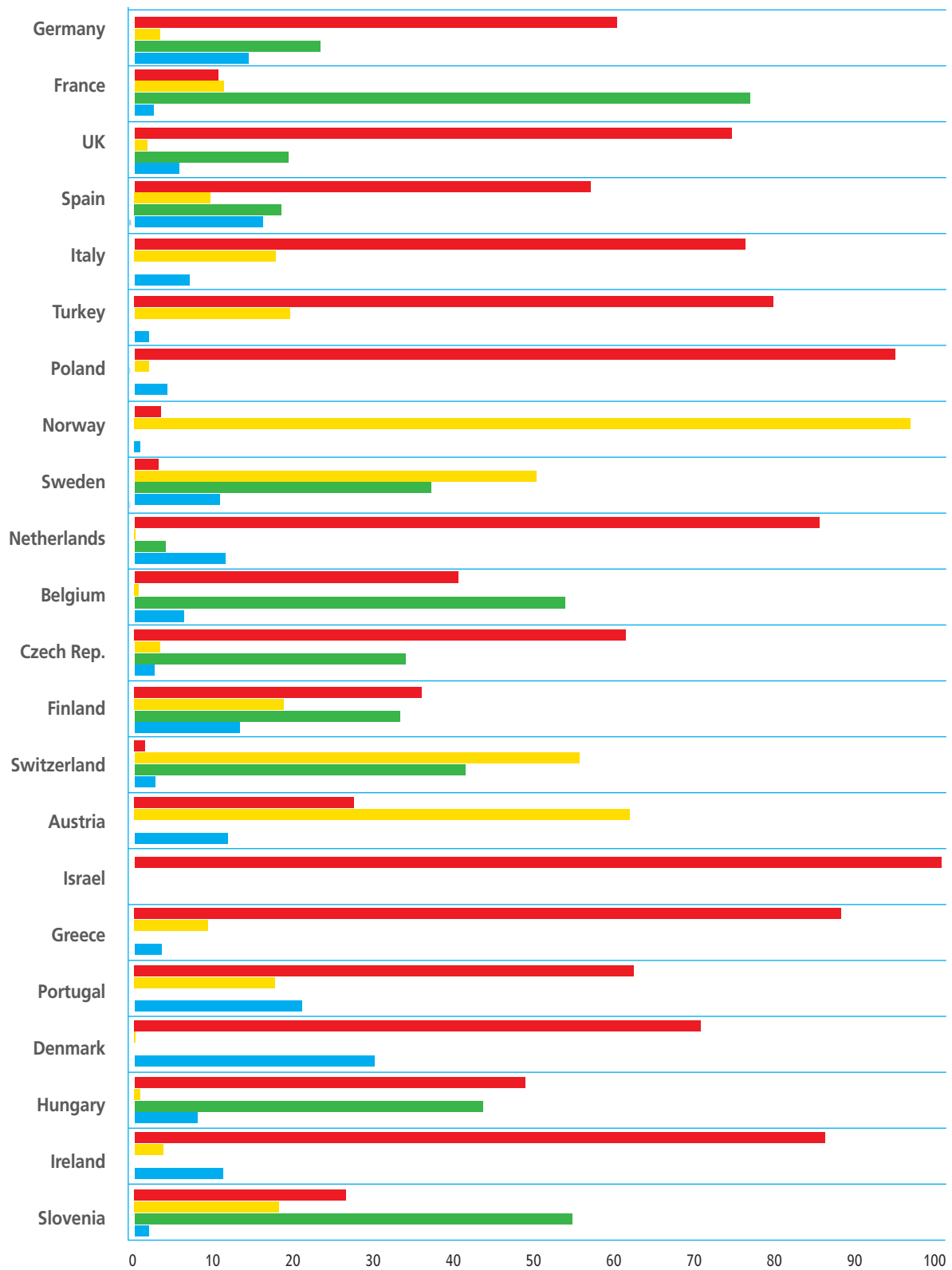
59 Electricity production by primary energy source

Country	Total Net Production (Twh)			Energy Source, 2009, Percent			
	2009	2004	Annual Change (%)	Conventional-Thermal	Hydro-Electric	Nuclear	Other
Germany	556.4	546.9	0.3	59.8	3.1	23.0	14.1
France	510.0	526.7	-0.6	10.3	11.0	76.3	2.3
UK	346.0	367.6	-1.2	74.0	1.5	19.0	5.5
Spain	275.1	227.4	3.9	56.5	9.4	18.2	15.9
Italy	269.6	266.0	0.3	75.7	17.5	0.0	6.8
Turkey	185.2	122.7	8.6	79.2	19.2	0.0	1.7
Poland	141.8	134.2	1.1	94.3	1.7	0.0	4.0
Norway	129.9	120.9	1.5	3.2	96.2	0.0	0.7
Sweden	129.4	157.6	-3.9	2.9	49.8	36.7	10.5
Netherlands	105.7	90.4	3.2	84.9	0.1	3.8	11.2
Belgium	84.2	76.1	2.0	40.1	0.5	53.3	6.1
Czech Rep.	77.0	68.8	2.3	60.9	3.1	33.6	2.4
Finland	67.9	71.2	-0.9	35.6	18.5	32.9	13.0
Switzerland	64.1	70.2	-1.8	1.3	55.1	41.0	2.5
Austria	63.0	59.2	1.2	27.2	61.4	0.0	11.5
Israel	53.3	42.2	4.8	100.0	0.0	0.0	0.0
Greece	51.5	49.7	0.7	87.6	9.1	0.0	3.3
Portugal	46.5	44.9	0.7	61.9	17.4	0.0	20.7
Denmark	34.1	36.9	-1.5	70.2	0.1	0.0	29.7
Hungary	33.9	33.7	0.1	48.4	0.7	43.2	7.8
Ireland	25.5	24.1	1.2	85.6	3.5	0.0	10.9
Slovenia	24.7	29.8	-3.7	26.2	17.9	54.2	1.7

Source: Energy Information Administration, EI 30, 1000 Independence Avenue, SW, Washington, DC 20585 (Internet website)

60 Distribution of electricity production by primary energy source, 2009

Percent



Source: Energy Information Administration, EI 30, 1000 Independence Avenue, SW, Washington, DC 20585 (Internet website)

■ Conventional-Thermal
 ■ Hydro-Electric
 ■ Nuclear
 ■ Other

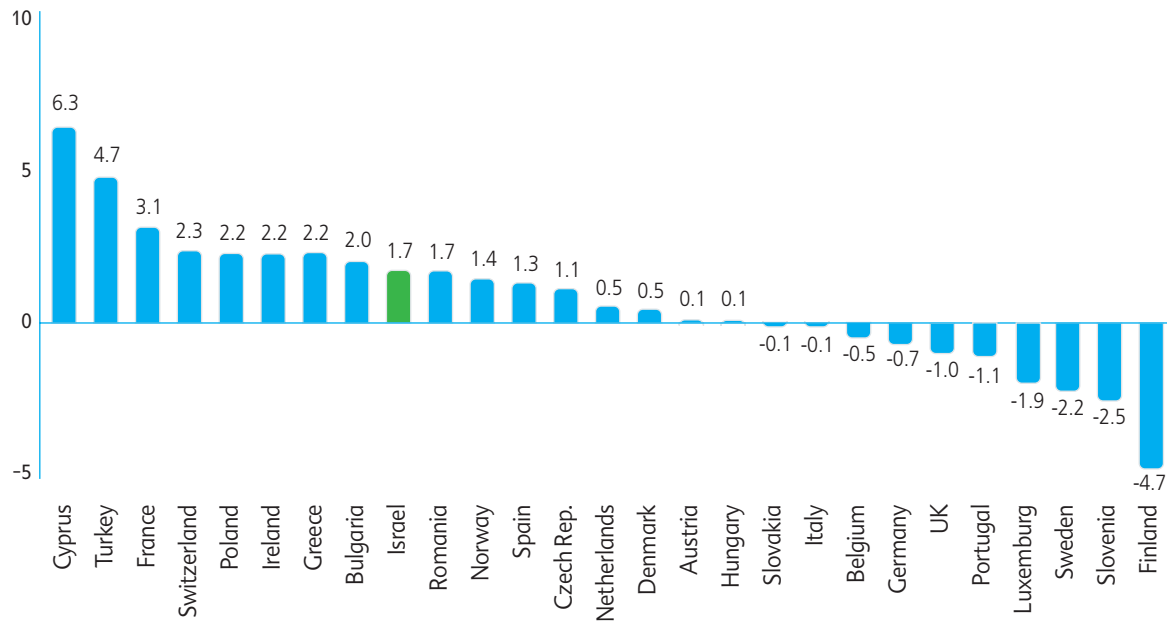
61 Electricity supply to consumers in various countries

Country	Total Electricity Supply (Twh)			Average Supply per Capita (Kwh)
	2008	2004	Annual Change (%)	
Germany	544.5	541.8	0.1	6,610.1
France	460.9	446.7	0.8	7,362.0
UK	344.7	342.4	0.2	5,568.0
Italy	314.5	302.3	1.0	5,406.5
Spain	267.5	234.1	3.4	5,825.8
Turkey	161.0	120.0	7.6	2,124.5
Sweden	132.2	119.1	2.6	3,433.6
Poland	132.1	133.4	-0.2	14,605.5
Norway	115.6	109.2	1.4	24,880.7
Netherlands	112.5	106.7	1.3	6,760.9
Finland	84.8	83.1	0.5	8,148.5
Belgium	83.1	83.5	-0.1	15,841.7
Austria	63.3	58.9	1.8	7,718.7
Czech Rep.	62.3	58.1	1.7	6,095.7
Greece	59.5	52.9	3.0	5,551.5
Switzerland	58.9	56.3	1.1	7,737.0
Romania	50.6	46.7	2.0	2,293.2
Israel	50.2	42.9	4.0	6,272.7
Portugal	48.3	45.0	1.8	4,520.9
Hungary	37.8	35.3	1.7	3,774.3
Denmark	33.4	33.4	0.0	6,092.3
Bulgaria	31.7	27.8	3.3	4,365.3
Slovakia	26.8	25.8	1.0	4,921.5
Ireland	25.7	23.1	2.7	5,683.5
Slovenia	13.2	12.8	0.8	6,586.3
Luxemburg	6.5	6.2	1.0	13,276.5
Cyprus	4.6	3.7	5.1	4,270.8

Source: Energy Information Administration, EI 30, 1000 Independence Avenue, SW, Washington, DC 20585 (Internet website)

62 Evolution of electricity consumption, 2007-2008

Percent



Source: Energy Information Administration, EI 30, 1000 Independence Avenue, SW, Washington, DC 20585 (Internet website)

63 Total electricity consumption per capita, 2008

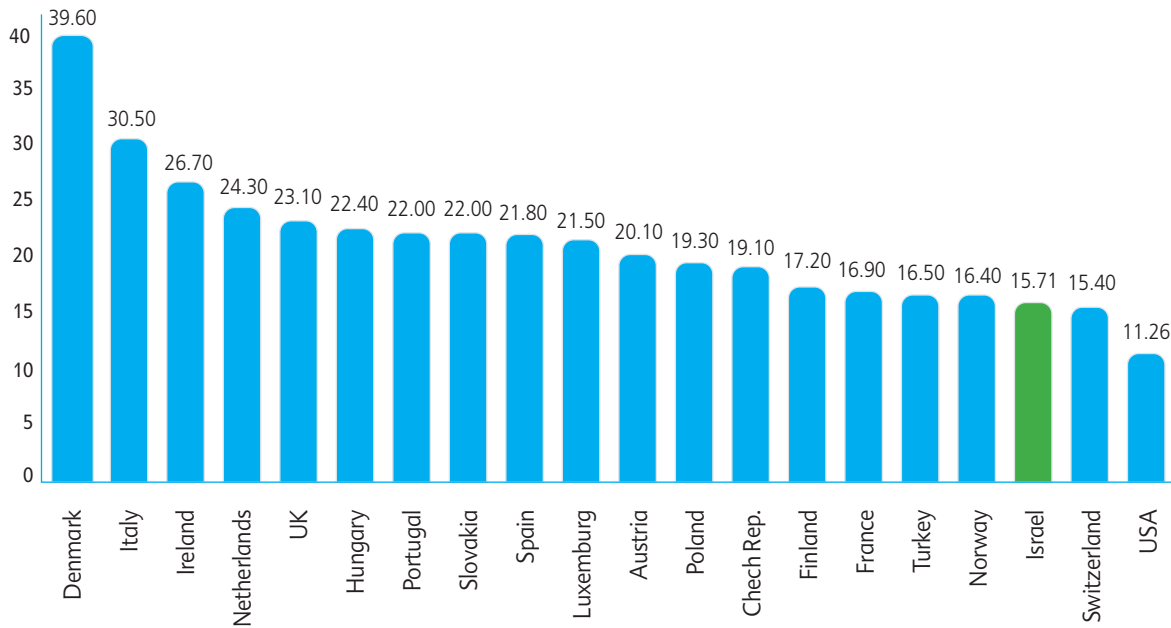
Kwh



Source: Energy Information Administration, EI 30, 1000 Independence Avenue, SW, Washington, DC 20585 (Internet website)

64 Residential electricity payment, 2008

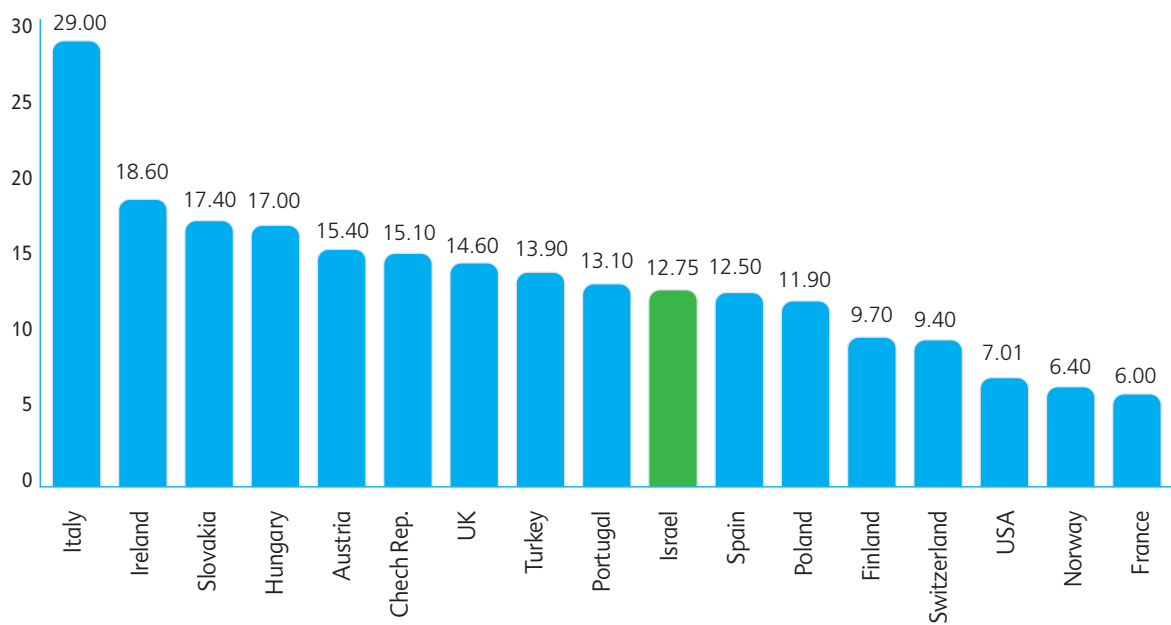
U.S. cents per Kwh, including taxes



Source: Energy Information Administration, EI 30, 1000 Independence Avenue, SW, Washington, DC 20585 (Internet website)

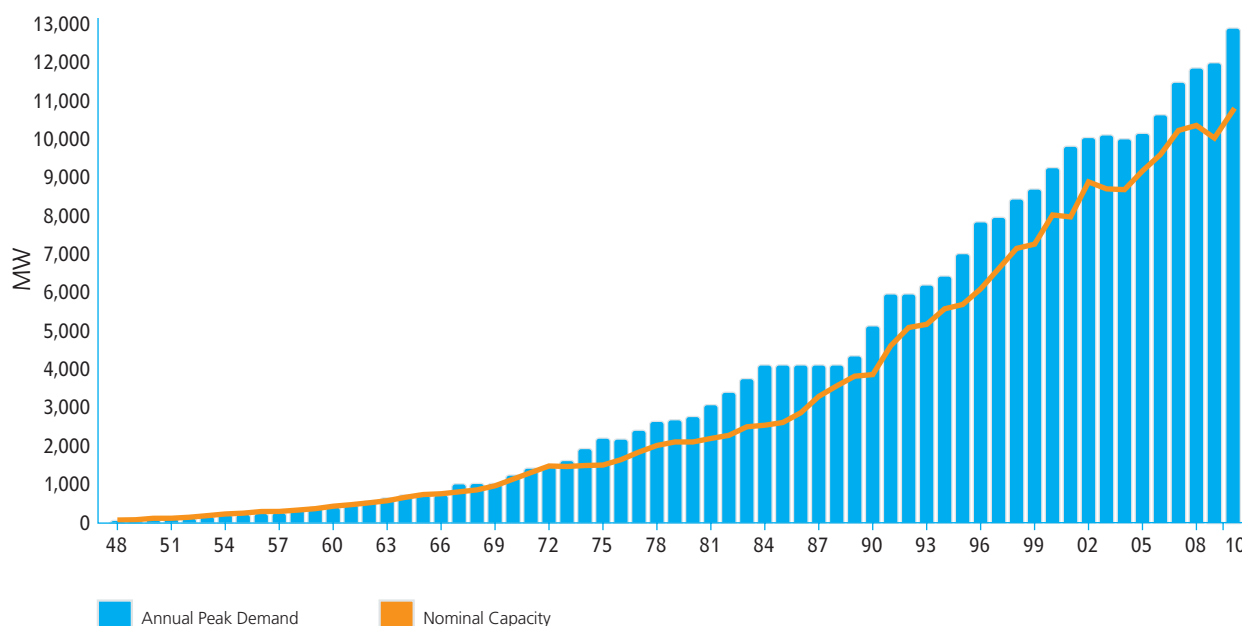
65 Industrial electricity payment, 2008

U.S. cents per Kwh, including taxes



Source: Energy Information Administration, EI 30, 1000 Independence Avenue, SW, Washington, DC 20585 (Internet website)

66 Annual peak demand vs. nominal capacity evolution, 1948-2010



67 Selected Historical Data

Year	Nominal Capacity (MW)	Gross Production (Gwh)	Annual Peak Demand (MW)	Total Electricity Consumption (Gwh)	No. of Consumers (Thousands)	De Jure Population (Thousands)	Average Electricity Consumption per Capita (Kwh)
1923	0.30					779.0	
1924	0.30			0.5	2.0	805.0	0.62
1925	1.15	1.9		1.5	4.4	847.2	1.77
1926	2.25	3.0		2.3	6.5	898.2	2.56
1927	2.25	3.1	0.95	2.5	7.4	917.3	2.73
1928	2.25	3.9	1.02	3.0	8.5	936.0	3.21
1929	2.25	4.9	1.16	3.6	11.2	960.0	3.75
1930	3.35	7.2	1.78	6.2	13.3	992.6	6.25
1931	4.20	11.5	2.65	9.5	15.7	1,033.3	9.19
1932	16	16.6	5.60	12.7	19.5	1,073.8	12
1933	16	29.1	8.20	21.5	27.7	1,140.9	19
1934	22	47.5	14.2	36.6	42.5	1,210.6	30
1935	40	71.9	22.5	53.6	61.9	1,308.1	41
1936	40	90.4	26.1	69.9	76.3	1,366.7	51
1937	52	101	31.2	76.9	87.0	1,401.8	55
1938	76	103	32.3	78.8	92.9	1,435.3	55
1939	76	116	33.9	91.4	98.6	1,501.7	61
1940	76	122	34.1	101	100.0	1,544.5	66
1941	76	133	37.5	111	98.1	1,585.5	70
1942	76	157	41.7	134	99.6	1,620.0	82

67 Selected Historical Data (cont.)

Year	Nominal Capacity (MW)	Gross Production (Gwh)	Annual Peak Demand (MW)	Total Electricity Consumption (Gwh)	No. of Consumers (Thousands)	De Jure Population (Thousands)	Average Electricity Consumption per Capita (Kwh)
1943	76	190	50.0	162	103.4	1,676.6	96
1944	76	220	51.7	188	109.7	1,739.6	108
1945	73	250	55.1	216	117.2	1,810.0	119
1946	74	289	62.6	252	131.8	1,887.2	133
1947	75	343	73.3	303	151.2	1,967.0	154
1948	69	309	65.2	261	147.9	879.0	296
1949	99	373	76.3	329	170.6	1,173.9	280
1950	99	517	110	464	203.4	1,370.1	339
1951	129	604	111	558	232.0	1,577.8	354
1952	129	737	137	669	257.2	1,629.5	410
1953	179	862	178	759	289.2	1,669.4	455
1954	229	1,073	222	896	322.2	1,717.8	521
1955	229	1,246	242	1,047	358.1	1,789.1	585
1956	249	1,343	263	1,143	390.0	1,872.4	610
1957	266	1,341	276	1,113	425.8	1,976.0	563
1958	360	1,683	317	1,411	466.1	2,031.7	694
1959	410	1,874	357	1,568	507.1	2,088.7	751
1960	410	2,209	420	1,857	551.3	2,150.4	864
1961	485	2,437	458	2,054	595.0	2,234.2	919
1962	560	2,807	508	2,370	635.7	2,331.8	1,016
1963	645	3,042	561	2,569	675.7	2,430.1	1,057
1964	720	3,543	632	2,991	719.8	2,525.6	1,184
1965	727	4,061	693	3,450	758.9	2,598.4	1,328
1966	727	4,461	718	3,823	793.6	2,657.4	1,438
1967	1,009	4,632	789	3,968	821.0	2,776.3	1,429
1968	1,019	5,327	882	4,595	849.5	2,841.1	1,617
1969	1,019	5,903	944	5,069	882.1	2,929.5	1,730
1970	1,233	6,610	1,115	5,697	911.5	3,022.1	1,885
1971	1,411	7,330	1,285	6,328	948.6	3,120.7	2,028
1972	1,451	8,167	1,453	7,117	994.1	3,225.0	2,207
1973	1,606	8,401	1,436	7,443	1,038.5	3,338.2	2,230
1974	1,914	8,837	1,443	7,749	1,083.4	3,421.6	2,265
1975	2,182	9,349	1,479	8,255	1,103.1	3,493.2	2,363
1976	2,157	9,969	1,575	8,759	1,139.2	3,575.4	2,450
1977	2,385	10,696	1,810	9,334	1,171.5	3,653.2	2,555
1978	2,613	11,471	1,980	10,176	1,209.1	3,737.6	2,723
1979	2,653	11,995	2,070	10,635	1,239.0	3,836.2	2,772
1980	2,737	12,097	2,070	10,796	1,271.1	3,921.7	2,753
1981	3,041	12,666	2,160	11,191	1,296.8	3,977.7	2,813

67 Selected Historical Data (cont.)

Year	Nominal Capacity (MW)	Gross Production (Gwh)	Annual Peak Demand (MW)	Total Electricity Consumption (Gwh)	No. of Consumers (Thousands)	De Jure Population (Thousands)	Average Electricity Consumption per Capita (Kwh)
1982	3,361	13,362	2,240	11,790	1,318.4	4,063.6	2,901
1983	3,711	14,047	2,460	12,557	1,346.8	4,118.6	3,049
1984	4,061	14,347	2,500	12,856	1,370.4	4,199.7	3,061
1985	4,061	15,010	2,570	13,516	1,395.8	4,266.2	3,168
1986	4,061	15,503	2,820	13,957	1,419.4	4,331.3	3,222
1987	4,061	17,102	3,240	15,419	1,445.5	4,406.5	3,334
1988	4,061	18,760	3,510	16,920	1,498.7	4,476.8	3,637
1989	4,295	19,827	3,760	17,951	1,521.3	4,559.6	3,792
1990	5,065	20,279	3,800	18,333	1,557.9	4,821.7	3,652
1991	5,885	20,856	4,540	18,781	1,582.9	5,058.8	3,556
1992	5,885	24,020	5,010	21,821	1,629.0	5,195.9	4,013
1993	6,115	25,240	5,090	22,956	1,692.5	5,327.6	4,110
1994	6,345	27,610	5,490	25,186	1,749.9	5,471.5	4,360
1995	6,920	29,504	5,600	26,986	1,804.3	5,612.3	4,540
1996	7,736	31,291	6,000	28,588	1,865.4	5,757.9	4,687
1997	7,854	33,607	6,518	30,822	1,937.3	5,900.0	4,925
1998	8,324	36,378	7,041	33,025	1,999.0	6,041.4	5,148
1999	8,579	37,656	7,150	34,298	2,069.9	6,209.1	5,182
2000	9,129	41,355	7,900	37,791	2,120.5	6,369.3	5,559
2001	9,679	42,209	7,850	38,665	2,159.8	6,508.8	5,585
2002	9,902	43,867	8,750	39,920	2,209.2	6,631.1	5,673
2003	9,969	45,608	8,570	41,721	2,251.4	6,748.4	5,819
2004	9,869	46,989	8,550	42,933	2,294.3	6,869.5	5,871
2005	10,010	48,379	9,030	44,309	2,319.9	6,990.7	5,929
2006	10,487	50,372	9,450	46,175	2,353.8	7,116.7	6,053
2007	11,323	53,613	10,070	49,323	2,384.1	7,243.7	6,332
2008	11,675	54,504	10,200	50,161	2,417.6	7,372.3	6,307
2009	11,824	53,267	9,882	48,947	2,450.7	7,546.1	5,985
2010	12,769	56,147	10,950	51,977	2,486.3	7,697.2	6,238

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