

Generation and consumption of electricity P4141

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CONSUMPTION OF ELECTRICITY INCREASES DURING THE FIRST QUARTER OF 1997

Electricity consumed in South Africa increased by 1,2% after seasonal adjustment during the first quarter of 1997 compared with the last quarter of 1996, despite the seasonally adjusted monthly decrease of 1,4% in March 1997 compared with February 1997.

During the first quarter of 1997, the average index of electricity production increased by 1,0% after seasonal adjustment compared with the last quarter of 1996. This is slightly more than the increase of 0,5% in the fourth quarter compared with the third quarter of 1996.

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SUMMARY - ELECTRICITY CONSUMED IN SOUTH AFRICA

Period	Gigawatt-hours	Percentage change
Actual		
Jan. 1997 - Mar. 1997	44 292	+4,9
Jan. 1996 - Mar. 1996	42 227	
Seasonally adjusted		
Jan. 1997 - Mar. 1997	45 966	+1,2
Oct. 1996 - Dec. 1996	45 430	

NOTE

This statistical release contains estimates of the total number of units of electricity consumed (as indicated by electricity available for distribution) in the Republic of South Africa (including the former TBVC states). Electricity available for distribution is measured before allowing for transmission losses.

Information on the number of units of electricity produced, the number of units consumed in power stations, electricity purchased and sold outside South Africa are also shown.

In order to improve timeliness, some information for the current month may have been estimated due to late response. These estimates will be revised as soon as better information is available.

**TABLE 1.1 - ELECTRICITY CONSUMED IN SOUTH AFRICA 1/
HISTORICAL TABLE**

Gigawatt-hours

Month	1992	1993	1994	1995	1996	1997
ACTUAL FIGURES						
J	12 354	12 762	13 176	13 782	14 155	15 007
F	11 881	11 802	12 294	12 858	13 711	14 114*
M	12 605	13 232	13 593	14 145	14 361	15 171
A	12 085	12 578	12 723	13 350	14 006	
M	12 985	13 430	13 892	14 687	15 315	
J	13 451	14 084	14 629	14 998	15 325	
J	14 029	14 519	15 255	15 440	16 862	
A	13 748	14 194	14 893	14 994	16 151	
S	12 806	13 374	13 719	13 939	14 698	
O	13 245	13 480	14 018	14 306	15 356	
N	12 615	13 091	13 752	14 070	14 791	
D	12 279	12 813	13 366	13 534	14 207	
YEAR	154 083	159 359	165 310	170 103	178 938	
SEASONALLY ADJUSTED FIGURES						
J	12 648	13 070	13 497	14 097	14 462	15 329
F	13 176	13 058	13 558	14 115	15 004	15 427
M	12 666	13 260	13 610	14 151	14 380	15 210
A	12 703	13 241	13 401	14 094	14 798	
M	12 742	13 166	13 605	14 381	14 993	
J	12 747	13 303	13 781	14 120	14 423	
J	12 787	13 229	13 896	14 072	15 368	
A	12 816	13 246	13 927	14 038	15 124	
S	12 914	13 530	13 907	14 164	14 953	
O	13 000	13 291	13 878	14 189	15 249	
N	12 938	13 415	14 073	14 385	15 113	
D	13 033	13 600	14 167	14 346	15 068	

**TABLE 1.2 - INDICES OF ELECTRICITY PRODUCTION
HISTORICAL TABLE**

Base : 1990=100

Month	1992	1993	1994	1995	1996	1997
ACTUAL INDICES						
J	97,2	101,8	104,6	110,0	113,5	122,2
F	93,9	93,6	97,8	102,4	111,1	114,8
M	99,8	104,9	108,4	112,7	116,9	123,7
A	95,3	99,8	101,7	105,9	113,5	
M	103,1	106,9	111,2	115,8	124,1	
J	106,8	112,5	116,4	118,7	124,3	
J	110,5	115,4	121,3	122,7	136,7	
A	108,8	113,1	118,7	119,2	130,7	
S	101,2	106,8	109,7	111,1	119,2	
O	104,6	107,4	112,2	114,4	124,9	
N	100,4	104,0	109,7	112,7	121,1	
D	97,8	101,4	106,6	108,6	115,9	
YEAR	101,6	105,6	109,9	112,9	121,0	
SEASONALLY ADJUSTED INDICES						
J	99,8	104,4	107,2	112,5	116,0	124,9
F	103,8	103,2	107,6	112,2	121,4	125,4
M	100,4	105,1	108,5	112,6	116,8	123,7
A	100,7	105,5	107,5	112,1	120,2	
M	100,9	104,5	108,5	113,0	121,0	
J	101,1	106,2	109,7	111,9	117,2	
J	100,9	105,4	110,7	112,0	124,8	
A	101,3	105,5	111,1	111,8	122,6	
S	102,0	108,0	111,1	112,6	120,9	
O	102,7	105,9	111,0	113,3	123,9	
N	102,8	106,4	112,1	115,0	123,5	
D	103,5	107,4	112,9	115,1	122,9	

1/ As indicated by electricity available for distribution
 * Revised

TABLE 2
ELECTRICITY - PRODUCED, CONSUMED IN POWER STATIONS, PURCHASED AND SOLD OUTSIDE SOUTH AFRICA
AND CONSUMED IN SOUTH AFRICA

Gigawatt-hours

DESCRIPTION	Year 1996	March	February*	March	January -	March
		1997		1996	1997	1996
TOTAL - ALL PRODUCERS						

ELECTRICITY PRODUCED						
Actual figures	200 092	17 043	15 819	16 110	49 700	47 069
Seasonally adjusted figures		17 054	17 287	16 107	-	-
PURCHASED OUTSIDE SOUTH AFRICA	29	-	-	-	-	1
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS	15 604	1 367	1 248	1 354	3 939	3 769
SOLD OUTSIDE SOUTH AFRICA	5 579	505	457	395	1 470	1 074
ELECTRICITY CONSUMED IN SOUTH AFRICA 1/						
Actual figures	178 938	15 171	14 114	14 361	44 292	42 227
Seasonally adjusted figures		15 210	15 427	14 380	-	-

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ELECTRICITY PRODUCED						
Actual figures	189 187	16 165	14 938	15 307	46 992	44 864
Seasonally adjusted figures		16 030	16 280	15 170	-	-
PURCHASED OUTSIDE SOUTH AFRICA	29	-	-	-	-	1
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS	14 309	1 289	1 174	1 253	3 706	3 486
SOLD OUTSIDE SOUTH AFRICA	5 579	505	457	395	1 470	1 074
ELECTRICITY CONSUMED IN SOUTH AFRICA 1/						
Actual figures	169 326	14 371	13 307	13 659	41 816	40 304
Seasonally adjusted figures		14 277	14 514	13 555	-	-

1/ As indicated by electricity available for distribution
* Revised