

Generation and consumption of electricity P4141

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ELECTRICITY DEMAND SLOWS DOWN

Although the monthly demand for electricity continues to fluctuate noticeably, the overall trend is reflecting a sideways movement. The seasonally adjusted consumption of electricity decreased by 1,7% from the second to the third quarter of 1997.

The decrease of 1,7% in the consumption of electricity is reflected by both Eskom (-1,5%) and the other producers (-5,0%). The seasonally adjusted production of electricity for the third quarter of 1997 decreased by 1,1%, while exports of electricity increased by 3,0% compared with the second quarter of 1997.

SUMMARY - ELECTRICITY CONSUMED IN SOUTH AFRICA

Period		Gigawatt-hours	Percentage change
Actual			
Jul. 1997	- Sept. 1997	48 966	+2,6
Jul. 1996	- Sept. 1996	47 711	

Seasonally adjusted			
Jul. 1997	-	Sept. 1997	46 700
Apr. 1997	-	Jun. 1997	47 506
			-1,7

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	14 088
M	12 605	13 232	13 593	14 145	14 361	15 132
A	12 085	12 578	12 723	13 350	14 006	15 235
M	12 985	13 430	13 892	14 687	15 315	16 434
J	13 451	14 084	14 629	14 998	15 325	16 443
J	14 029	14 519	15 255	15 440	16 862	17 182

A	13 748	14 194	14 893	14 994	16 151	16 292
S	12 806	13 374	13 719	13 939	14 698	15 492
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	12 650	13 074	13 503	14 114	14 494	15 361
F	13 179	13 066	13 576	14 163	15 079	15 477
M	12 670	13 267	13 609	14 157	14 378	15 158
A	12 703	13 242	13 407	14 084	14 785	16 089
M	12 730	13 138	13 544	14 264	14 816	15 867
J	12 748	13 308	13 809	14 153	14 478	15 550
J	12 787	13 229	13 904	14 066	15 367	15 668
A	12 816	13 244	13 934	14 034	15 129	15 272
S	12 909	13 522	13 900	14 142	14 932	15 760
O	13 001	13 292	13 874	14 200	15 259	
N	12 940	13 418	14 076	14 402	15 128	
D	13 037	13 605	14 178	14 370	15 089	

**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	114,6
M	99,8	104,9	108,4	112,7	116,9	123,4
A	95,3	99,8	101,7	105,9	113,5	123,7
M	103,1	106,9	111,2	115,8	124,1	133,0
J	106,8	112,5	116,4	118,7	124,3	133,4
J	110,5	115,4	121,3	122,7	136,7	140,0
A	108,8	113,1	118,7	119,2	130,7	133,1
S	101,2	106,8	109,7	111,1	119,2	127,3
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	112,6	116,1	125,0
F	103,8	103,3	107,7	112,5	121,9	125,7
M	100,4	105,1	108,4	112,6	116,8	123,3

A	100,7	105,5	107,5	112,0	120,0	130,8
M	100,9	104,4	108,4	112,6	120,3	128,7
J	101,1	106,2	109,9	112,1	117,7	126,5
J	100,9	105,4	110,7	111,9	124,7	127,8
A	101,3	105,5	111,1	111,7	122,6	125,0
S	102,0	107,9	111,0	112,4	120,7	128,9
O	102,7	105,8	110,9	113,4	123,9	
N	102,8	106,3	112,0	115,1	123,6	
D	103,5	107,4	112,9	115,2	123,0	

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	September	August	September	January - September	
		1997		1996	1997	1996
TOTAL - ALL PRODUCERS						
ELECTRICITY PRODUCED						
Actual figures	200 092	17 548	18 343	16 435	158 581	150 218
Seasonally adjusted figures		17 780	17 235	16 641	-	-
PURCHASED OUTSIDE SOUTH AFRICA	29	1	-	-	5	29
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS	15 604	1 434	1 424	1 240	12 342	11 698
SOLD OUTSIDE SOUTH AFRICA	5 579	623	627	497	4 940	3 965
ELECTRICITY CONSUMED IN SOUTH AFRICA 1/						
Actual figures	178 938	15 492	16 292	14 698	141 305	134 584
Seasonally adjusted figures		15 760	15 272	14 932	-	-
ESKOM						
ELECTRICITY PRODUCED						
Actual figures	189 187	16 605	17 302	15 535	149 830	142 090
Seasonally adjusted figures		16 858	16 317	15 749	-	-
PURCHASED OUTSIDE SOUTH AFRICA	29	1	-	-	5	29
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS	14 309	1 330	1 314	1 128	11 460	10 716
SOLD OUTSIDE SOUTH AFRICA	5 579	623	627	497	4 940	3 965

ELECTRICITY CONSUMED IN SOUTH AFRICA 1/						
Actual figures	169 326	14 653	15 361	13 909	133 435	127 436
Seasonally adjusted figures		14 947	14 452	14 163	-	-

1/ As indicated by electricity available for distribution

* Revised

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