

# Generation and consumption of electricity P4141

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Dr F M Orkin  
Head: Central Statistical Service

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DEMAND FOR ELECTRICITY HIGH

*Although electricity consumed in South Africa decreased slightly (-1,4%) in May 1997 after an exceptionally high consumption in April 1997, it is still reflecting an upward trend.*

The consumption of electricity during the three months ended May 1997, exceeded that for the previous three months by 2,8% (1 271 gigawatt hours) after seasonal adjustment.

The seasonally adjusted average index of electricity produced for February to May 1997 (127,7) was 2,6% higher than the previous three months. Eskom was responsible for the increased production over this period, while the other producers maintained their production levels. No electricity is currently imported.

**SUMMARY - ELECTRICITY CONSUMED IN SOUTH AFRICA**

Period		Gigawatt-hours	Percentage change
Actual			
Mar. 1997	- May 1997	46 783	+7,1
Mar. 1996	- May 1996	43 682	
Seasonally adjusted			
Mar. 1997	- May 1997	47 176	+2,8
Dec. 1996	- Feb. 1997	45 905	

**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
<b>ACTUAL FIGURES</b>						
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	15 238
M	12 985	13 430	13 892	14 687	15 315	16 413
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	
<b>SEASONALLY ADJUSTED FIGURES</b>						
J	12 649	13 073	13 502	14 111	14 484	15 352
F	13 179	13 065	13 579	14 161	15 075	15 477
M	12 667	13 264	13 613	14 157	14 384	15 171
A	12 706	13 246	13 419	14 092	14 799	16 116
M	12 729	13 139	13 558	14 280	14 846	15 889
J	12 747	13 305	13 785	14 130	14 436	
J	12 787	13 231	13 898	14 081	15 379	
A	12 816	13 246	13 925	14 041	15 130	
S	12 915	13 530	13 904	14 164	14 956	
O	13 000	13 289	13 876	14 191	15 251	

N	12 939	13 414	14 075	14 389	15 116
D	13 036	13 602	14 175	14 356	15 076

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

Base : 1990=100

Month	1992	1993	1994	1995	1996	1997
<b>ACTUAL INDICES</b>						
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	132,9
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	
<b>SEASONALLY ADJUSTED INDICES</b>						
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	108,5	112,6	116,9	123,4
A	100,7	105,5	107,6	112,0	120,1	130,9
M	100,9	104,5	108,5	112,7	120,5	128,9
J	101,1	106,2	109,6	111,9	117,2	
J	100,9	105,4	110,7	112,1	124,9	
A	101,3	105,5	111,0	111,8	122,6	
S	102,0	107,9	111,0	112,6	120,9	
O	102,7	105,8	110,9	113,3	123,8	
N	102,7	106,3	112,0	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	May	April	May	January -	May
		1997		1996	1997	1996
TOTAL - ALL PRODUCERS						
ELECTRICITY PRODUCED						
Actual figures	200 092	18 310	17 044	17 101	84 984	79 807
Seasonally adjusted figures		17 766	18 043	16 608	-	-
PURCHASED OUTSIDE SOUTH AFRICA						
	29	-	3	2	3	29
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS						
	15 604	1 419	1 311	1 348	6 664	6 386
SOLD OUTSIDE SOUTH AFRICA						
	5 579	478	498	440	2 446	1 902
ELECTRICITY CONSUMED IN SOUTH AFRICA 1/						
Actual figures	178 938	16 413	15 238	15 315	75 878	71 548
Seasonally adjusted figures		15 889	16 116	14 846	-	-
<b>ESKOM</b>						
ELECTRICITY PRODUCED						
Actual figures	189 187	17 286	16 078	16 149	80 356	75 765
Seasonally adjusted figures		16 808	17 078	15 707	-	-
PURCHASED OUTSIDE SOUTH AFRICA						
	29	-	3	2	3	29
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS						
	14 309	1 307	1 200	1 232	6 213	5 884
SOLD OUTSIDE SOUTH AFRICA						
	5 579	478	498	440	2 446	1 902
ELECTRICITY CONSUMED IN SOUTH AFRICA 1/						
Actual figures	169 326	15 501	14 383	14 479	71 700	68 007
Seasonally adjusted figures		15 036	15 293	14 057	-	-

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1/ As indicated by electricity available for distribution  
\* Revised

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