

Generation and consumption of electricity

P4141

June 1999

Embargo: 13:00

Date: 5 August 1999

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and consumed in South Africa

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SLIGHT INCREASE IN THE CONSUMPTION OF ELECTRICITY

Although the seasonally adjusted consumption of electricity in South Africa decreased slightly for the second consecutive month, consumption in the second quarter of 1999, after seasonal adjustment, increased by 0,6% (179 Gigawatt-hours) compared with the first quarter of 1999. During the same period, the production of electricity in South Africa decreased by 2,8% (1 434 Gigawatt-hours) while the imports of electricity increased by 174,0% (1 270 Gigawatt-hours).

From April 1999 production of electricity is decreasing slightly. The imports of electricity from neighbouring countries are increasingly being used to fulfil the demand for electricity in South Africa.

SUMMARY - ELECTRICITY CONSUMED IN SOUTH AFRICA

Period		Gigawatt-hours	Percentage change
Actual			
Apr. 1999	- Jun. 1999	47 744	+0,6
Apr. 1998	- Jun. 1998	47 464	

Seasonally adjusted			
Apr. 1999 - Jun. 1999	47 126		+0,4
Jan. 1999 - Mar. 1999	46 947		

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 regarding the number of units of electricity produced, the number of units consumed in power stations, electricity purchased and sold outside South Africa are also published in this statistical release.

According to international practice, production indices are arithmetically converted to base 1995=100.

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 new information becomes available.

Pre-release policy

New estimates of economic indicators are kept strictly confidential by Stats SA prior to the date and time of release. To enable selected government departments to prepare their public responses, the following pre-release policy is applied. It accords with practice in leading statistical agencies.

In respect of this statistical release, an official representative from the Office of the President, the Deputy President, the Department of Finance, the South African Reserve Bank and the Department of Trade and Industry will receive a copy of the release on a strictly confidential basis two hours in advance of the public issue.

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

Gigawatt-hours

Month	94	95	96	97	1998	1999
ACTUAL FIGURES						
J	13 176	13 782	14 155	15 009	15 403	15 121
F	12 294	12 858	13 710	14 088	14 459	14 333
M	13 593	14 145	14 361	15 155	15 714	15 714
A	12 723	13 350	14 006	15 247	14 923	15 040
M	13 892	14 687	15 315	16 423	16 261	16 325
J	14 629	14 998	15 325	16 474	16 280	16 379
J	15 255	15 440	16 862	17 187	16 867	
A	14 893	14 994	16 151	16 303	16 417	
S	13 719	13 939	14 698	15 503	15 536	
O	14 018	14 306	15 356	16 005	15 958	
N	13 752	14 070	14 792	15 235	15 136	
D	13 366	13 534	14 207	14 878	14 563	
YEAR	165 310	170 103	178 938	187 507	187 517	
SEASONALLY ADJUSTED FIGURES						
J	13 501	14 113	14 486	15 325	15 763	15 469
F	13 561	14 145	15 045	15 407	15 777	15 633
M	13 629	14 211	14 437	15 241	15 835	15 845
A	13 456	14 115	14 785	16 067	15 715	15 818
M	13 542	14 264	14 777	15 783	15 610	15 697
J	13 783	14 149	14 500	15 625	15 470	15 611
J	13 893	14 069	15 381	15 714	15 434	
A	13 940	14 073	15 193	15 362	15 520	
S	13 893	14 109	14 859	15 654	15 652	
O	13 862	14 152	15 183	15 801	15 706	
N	14 074	14 400	15 163	15 636	15 530	
D	14 173	14 390	15 145	15 911	15 577	

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

Base : 1995=100

Month	1994	1995	1996	1997	1998	1999
ACTUAL INDICES						
J	92,7	97,5	100,6	108,3	109,6	106,9

F	86,7	90,7	98,5	101,5	102,8	100,5
M	96,1	99,8	103,6	109,5	110,6	109,4
A	90,1	93,9	100,5	109,6	105,5	101,7
M	98,5	102,6	109,9	117,8	115,4	110,6
J	103,2	105,2	110,1	118,3	115,4	111,6
J	107,5	108,7	121,1	124,1	119,9	
A	105,2	105,6	115,8	118,0	111,9	
S	97,2	98,5	105,7	112,9	109,1	
O	99,4	101,4	110,7	115,8	112,6	
N	97,2	99,9	107,3	110,0	106,2	
D	94,5	96,2	102,7	106,7	101,3	
YEAR	97,4	100,0	107,2	112,7	110,0	
SEASONALLY ADJUSTED INDICES						
J	95,0	99,8	102,9	110,8	112,1	109,3
F	95,5	99,6	107,9	110,9	112,1	109,5
M	96,3	100,2	104,2	110,2	111,5	110,4
A	95,2	99,2	106,2	115,6	111,2	107,2
M	96,0	99,6	106,3	113,5	111,0	106,3
J	97,4	99,4	104,4	112,4	109,8	106,4
J	98,1	99,1	110,4	113,3	109,5	
A	98,5	99,2	109,1	111,5	105,9	
S	98,2	99,4	106,5	113,7	109,8	
O	98,2	100,1	109,0	113,8	110,5	
N	99,3	102,1	109,7	112,6	108,8	
D	100,1	102,1	109,2	113,8	108,2	

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 1998	June	May	June	January - June	
		1999		1998	1999	1998
TOTAL - ALL PRODUCERS						
ELECTRICITY PRODUCED						
Actual figures	205 374	17 360	17 208	17 945	65 098	66 664
Seasonally adjusted figures		16 555	16 549	17 089	-	-
PURCHASED OUTSIDE SOUTH AFRICA	2 375	654	719	187	1 370	398
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS	15 701	1 274	1 282	1 423	5 023	5 181

SOLD OUTSIDE SOUTH AFRICA	4 532	361	319	429	1 223	1 382
ELECTRICITY CONSUMED IN SOUTH AFRICA 1/ Actual figures	187 517	16 379	16 325	16 280	60 208	60 499
Seasonally adjusted figures		15 611	15 697	15 470	-	-

ESKOM						

ELECTRICITY PRODUCED						
Actual figures	193 662	16 460	16 301	16 920	61 586	62 769
Seasonally adjusted figures		15 741	15 682	16 155	-	-
PURCHASED OUTSIDE SOUTH AFRICA	2 375	654	719	187	1 370	398
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS	14 394	1 180	1 180	1 310	4 648	4 754
SOLD OUTSIDE SOUTH AFRICA	4 532	361	319	429	1 223	1 382
ELECTRICITY CONSUMED IN SOUTH AFRICA 1/ Actual figures	177 111	15 572	15 521	15 368	57 075	57 031
Seasonally adjusted figures		14 887	14 926	14 644	-	-

1/ As indicated by electricity available for distribution

* Revised