

Generation and consumption of electricity P4141

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CONSUMPTION OF ELECTRICITY DECREASES

The consumption of electricity for the three months up to August 1999 decreased by 0,9% (-438 Gigawatt-hours) after seasonal adjustment, compared with the previous three months. However, the seasonally adjusted consumption of electricity increased slightly between July and August 1999 by 0,9%.

The seasonally adjusted imports of electricity for the three months up to August 1999 increased by 4,2% (69 Gigawatt-hours) compared with the previous three months. This resulted in a decrease in the production of electricity in South Africa (-0,2% or -78 Gigawatt-hours) during this period, mainly due to lower production by producers other than Eskom.

Furthermore, the seasonally adjusted exports of electricity for the three months up to August 1999 increased by 41,0% (403 Gigawatt-hours) compared with the previous three months.

Although the total seasonally adjusted production of electricity for the three months up to August 1999 decreased by 0,2% compared with the previous three months, the seasonally adjusted production of electricity for June to August 1999, as reported by Eskom, increased slightly by 0,2% (97 Gigawatt-hours). Other producers reported a decrease in production of 6,7% (-175 Gigawatt-hours) during this period.

SUMMARY - ELECTRICITY CONSUMED IN SOUTH AFRICA

Period		Gigawatt-hours	Percentage change
Actual			
Jun. 1999	-	49 782	+0,4
Aug. 1999			

Jun. 1998	-	Aug. 1998	49 564	
Seasonally adjusted				
Jun. 1999	-	Aug. 1999	46 787	-0,9
Mar. 1999	-	May 1999	47 225	

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	1994	1995	1996	1997	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	16 903*
A	14 893	14 994	16 151	16 303	16 417	16 500
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	13 485	14 093	14 471	15 309	15 751	15 458
F	13 549	14 150	15 051	15 437	15 815	15 670
M	13 610	14 153	14 337	15 126	15 696	15 683
A	13 444	14 114	14 788	16 079	15 723	15 826
M	13 553	14 281	14 802	15 814	15 637	15 716
J	13 808	14 169	14 517	15 649	15 503	15 646
J	13 913	14 085	15 406	15 709	15 428	15 504
A	13 938	14 077	15 218	15 369	15 530	15 637
S	13 854	14 094	14 855	15 673	15 676	
O	13 866	14 148	15 171	15 780	15 681	
N	14 102	14 430	15 196	15 673	15 564	
D	14 187	14 394	15 144	15 916	15 585	

**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	117,4*
A	105,2	105,6	115,8	118,0	111,9	114,9
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	110,7	112,0	109,2
F	95,5	99,6	107,8	110,8	112,0	109,4
M	96,4	100,2	104,2	110,4	111,7	110,6
A	95,2	99,2	106,2	115,6	111,2	107,2
M	96,0	99,6	106,3	113,6	111,1	106,4
J	97,4	99,5	104,5	112,6	110,1	106,6
J	98,1	99,2	110,6	113,3	109,5	107,3
A	98,5	99,1	108,9	110,9	105,2	108,1
S	98,2	99,5	106,6	113,8	109,9	
O	98,2	100,1	109,0	113,9	110,6	
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	August	July*	August	January - August	
		1999	1998	1998	1999	1998
TOTAL - ALL PRODUCERS						
ELECTRICITY PRODUCED						
Actual figures	205 374	17 876	18 261	17 401	117 927	121 202
Seasonally adjusted figures		16 916	16 680	16 441	-	-
PURCHASED OUTSIDE SOUTH AFRICA	2 375	613	515	667	3 258	859
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS	15 701	1 317	1 345	1 301	8 924	9 483

SOLD OUTSIDE SOUTH AFRICA	4 532	672	528	350	2 431	2 671
ELECTRICITY CONSUMED IN SOUTH AFRICA 1/ Actual figures	187 517	16 500	16 903	16 417	109 815	109 907
Seasonally adjusted figures		15 637	15 504	15 530	-	-

ESKOM						

ELECTRICITY PRODUCED						
Actual figures	193 662	17 014	17 375	16 360	111 722	114 276
Seasonally adjusted figures		16 124	15 848	15 489	-	-
PURCHASED OUTSIDE SOUTH AFRICA	2 375	613	515	667	3 258	859
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS	14 394	1 224	1 246	1 192	8 254	8 712
SOLD OUTSIDE SOUTH AFRICA	4 532	672	528	350	2 431	2 671
ELECTRICITY CONSUMED IN SOUTH AFRICA 1/ Actual figures	177 111	15 731	16 116	15 485	104 284	103 752
Seasonally adjusted figures		14 932	14 763	14 678	-	-

1/ As indicated by electricity available for distribution

* Revised