

Generation and consumption of electricity P4141

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ELECTRICITY CONSUMPTION INCREASES

The consumption of electricity for the three months up to November 1999 increased by 2,4% (+1 132 Gigawatt-hours) after seasonal adjustment, compared with the previous three months. Furthermore, the seasonally adjusted consumption of electricity increased by 1,4% between October 1999 and November 1999. The consumption of electricity for the first eleven months of 1999 increased by 1,1% (1 985 Gigawatt-hours) compared with the corresponding period of 1998.

Production of electricity in South Africa for the three months up to November 1999, after seasonal adjustment, increased by 2,2% (+1 115 Gigawatt-hours) compared with the previous three months. The seasonally adjusted imports of electricity during this period increased by 15,4%. The seasonally adjusted exports of electricity to neighbouring countries increased by 13,6% or 145 Gigawatt-hours during the above-mentioned period. The production of electricity for the first eleven months of 1999 decreased by 1,3% (2 534 Gigawatt-hours) compared with the corresponding period of 1998 due to decreases in production of electricity reflected by both Eskom and other producers of electricity.

SUMMARY - ELECTRICITY CONSUMED IN SOUTH AFRICA

Period		Gigawatt-hours	Percentage change
Actual			
Sept. 1999	- Nov. 1999	48 095	+3,1
Sept. 1998	- Nov. 1998	46 630	
Seasonally adjusted			
Sept. 1999	- Nov. 1999	48 309	+2,4
Jun. 1999	- Aug. 1999	47 177	

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
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ACTUAL FIGURES						
J	13 176	13 782	14 155	15 009	15 403	15 153
F	12 294	12 858	13 710	14 088	14 459	14 360
M	13 593	14 145	14 361	15 155	15 714	15 791
A	12 723	13 350	14 006	15 247	14 923	15 063
M	13 892	14 687	15 315	16 423	16 261	16 327
J	14 629	14 998	15 325	16 474	16 280	16 393
J	15 255	15 440	16 862	17 187	16 867	17 050
A	14 893	14 994	16 151	16 303	16 417	16 707
S	13 719	13 939	14 698	15 503	15 536	15 956
O	14 018	14 306	15 356	16 005	15 958	16 305
N	13 752	14 070	14 792	15 235	15 136	15 834
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	14 092	14 467	15 299	15 747	15 493
F	13 549	14 147	15 047	15 427	15 813	15 686
M	13 605	14 147	14 319	15 093	15 671	15 749
A	13 443	14 113	14 785	16 079	15 731	15 860
M	13 551	14 281	14 804	15 832	15 664	15 744
J	13 808	14 171	14 519	15 663	15 526	15 684
J	13 914	14 087	15 407	15 721	15 454	15 654
A	13 936	14 074	15 215	15 377	15 538	15 839
S	13 866	14 111	14 879	15 669	15 638	16 053
O	13 866	14 150	15 185	15 772	15 671	16 012
N	14 097	14 423	15 189	15 636	15 528	16 244
D	14 189	14 400	15 152	15 928	15 589	

**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	109,4
O	99,4	101,4	110,7	115,8	112,6	111,9
N	97,2	99,9	107,3	110,0	106,2	108,4
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	102,8	110,6	112,0	109,2
F	95,5	99,6	107,8	110,7	112,0	109,4
M	96,3	100,1	104,2	110,3	111,7	110,6
A	95,2	99,2	106,1	115,6	111,3	107,2
M	96,0	99,7	106,3	113,7	111,2	106,5
J	97,4	99,5	104,5	112,7	110,2	106,7
J	98,1	99,2	110,6	113,4	109,7	107,4
A	98,5	99,2	109,2	111,4	105,8	108,8
S	98,1	99,4	106,5	113,5	109,4	109,6
O	98,2	100,1	109,0	113,6	110,2	109,4
N	99,3	102,1	109,7	112,4	108,6	111,0
D	100,1	102,0	109,1	113,7	108,1	

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	November	October	November	January - November	
		1999		1998	1999	1998
TOTAL - ALL PRODUCERS						
ELECTRICITY PRODUCED						
Actual figures	205 374	16 859	17 404	16 523	187 077	189 611
Seasonally adjusted figures		17 282	17 034	16 920	-	-
PURCHASED OUTSIDE SOUTH AFRICA	2 375	644	688	273	5 882	2 163
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS	15 701	1 238	1 347	1 195	14 080	14 592
SOLD OUTSIDE SOUTH AFRICA	4 532	432	440	465	3 941	4 229

ELECTRICITY CONSUMED IN SOUTH AFRICA 1/ Actual figures	187 517	15 834	16 305	15 136	174 939	172 954
Seasonally adjusted figures		16 244	16 012	15 528	-	-

ESKOM						

ELECTRICITY PRODUCED						
Actual figures	193 662	15 963	16 547	15 624	177 368	178 764
Seasonally adjusted figures		16 369	16 188	16 005	-	-
PURCHASED OUTSIDE SOUTH AFRICA	2 375	644	688	273	5 882	2 163
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS	14 394	1 135	1 245	1 088	13 011	13 374
SOLD OUTSIDE SOUTH AFRICA	4 532	432	440	465	3 941	4 229
ELECTRICITY CONSUMED IN SOUTH AFRICA 1/ Actual figures	177 111	15 041	15 550	14 344	166 299	163 324
Seasonally adjusted figures		15 428	15 258	14 714	-	-

1/ As indicated by electricity available for distribution
* Revised