

Generation and consumption of electricity P4141

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SUMMARY

LESS ELECTRICITY CONSUMED IN SOUTH AFRICA

Electricity consumed in South Africa showed a slight decline after seasonal adjustment for the second consecutive month. The consumption for the latest three months up to April 1998 was 0,5% lower after seasonal adjustment than for the preceding three months.

During April 1998, 15 479 seasonally adjusted gigawatt-hours of electricity were consumed, which were 204 gigawatt-hours less than for March 1998. Demand for electricity supplied by both Eskom and the group of independent producers decreased between March and April 1998, resulting in a 45 gigawatt-hour decrease for the period January to April 1998 compared with January to April 1997.

SUMMARY - ELECTRICITY CONSUMED IN SOUTH AFRICA

Period	Gigawatt-hours	Percentage change
Actual		
Feb. 1998 - Apr. 1998	44 564	+0,2
Feb. 1997 - Apr. 1997	44 490	
Seasonally adjusted		
Feb. 1998 - Apr. 1998	46 933	-0,5
Nov. 1997 - Jan. 1998	47 192	

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.

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

Gigawatt-hours						
Month	1993	1994	1995	1996	1997	1998
ACTUAL FIGURES						
J	12 762	13 176	13 782	14 155	15 007	15 451 *
F	11 802	12 294	12 858	13 711	14 088	14 426 *
M	13 232	13 593	14 145	14 361	15 155	15 483 *
A	12 578	12 723	13 350	14 006	15 247	14 655
M	13 430	13 892	14 687	15 315	16 423	
J	14 084	14 629	14 998	15 325	16 472	
J	14 519	15 255	15 440	16 862	17 185	

A	14 194	14 893	14 994	16 151	16 303	
S	13 374	13 719	13 939	14 698	15 503	
O	13 480	14 018	14 306	15 356	16 005	
N	13 091	13 752	14 070	14 791	15 235	
D	12 813	13 366	13 534	14 207	14 878	
YEAR	159 359	165 310	170 103	178 938	187 501	
SEASONALLY ADJUSTED FIGURES						
J	13 074	13 500	14 111	14 470	15 324	15 771
F	13 066	13 572	14 150	15 035	15 411	15 771
M	13 281	13 648	14 241	14 484	15 323	15 683
A	13 229	13 390	14 079	14 775	16 099	15 479
M	13 131	13 536	14 252	14 819	15 856	
J	13 310	13 804	14 143	14 471	15 562	
J	13 231	13 901	14 065	15 372	15 667	
A	13 244	13 924	14 026	15 119	15 262	
S	13 533	13 909	14 164	14 958	15 789	
O	13 282	13 859	14 157	15 195	15 827	
N	13 415	14 087	14 409	15 151	15 606	
D	13 603	14 178	14 357	15 084	15 815	

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

Base : 1995=100

Month	1993	1994	1995	1996	1997	1998
ACTUAL INDICES						
J	90,2	92,7	97,5	100,6	108,3	109,6
F	83,0	86,7	90,7	98,5	101,5	102,8
M	92,9	96,1	99,8	103,6	109,5	110,6
A	88,4	90,1	93,9	100,5	109,6	105,5
M	94,7	98,5	102,6	109,9	117,8	
J	99,7	103,2	105,2	110,1	118,3	
J	102,3	107,5	108,7	121,1	124,1	
A	100,2	105,2	105,6	115,8	118,0	
S	94,6	97,2	98,5	105,7	112,9	
O	95,1	99,4	101,4	110,7	115,8	
N	92,2	97,2	99,9	107,3	110,0	
D	89,9	94,5	96,2	102,7	106,7	
YEAR	93,6	97,4	100,0	107,2	112,7	
SEASONALLY ADJUSTED INDICES						
J	92,5	95,0	99,8	102,9	110,8	112,1
F	91,7	95,5	99,7	108,0	111,1	112,5

M	93,2	96,4	100,3	104,3	110,5	111,9
A	93,5	95,2	99,3	106,1	115,7	111,3
M	92,6	96,0	99,7	106,5	113,9	
J	94,1	97,4	99,3	104,2	112,1	
J	93,4	98,1	99,1	110,5	113,2	
A	93,5	98,4	98,9	108,6	110,7	
S	95,5	98,2	99,5	106,8	114,1	
O	93,7	98,2	100,2	109,3	114,3	
N	94,2	99,3	102,0	109,6	112,3	
D	95,2	100,1	101,9	108,9	113,3	

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 1997	April	March *	April	January -	April
		1998	1997	1998	1997	
TOTAL - ALL PRODUCERS						
ELECTRICITY PRODUCED						
Actual figures	210 362	16 410	17 208	17 053	66 663	66 708
Seasonally adjusted figures		17 312	17 389	18 000	-	-
PURCHASED OUTSIDE SOUTH AFRICA	5	3	3	3	11	3
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS	16 248	1 297	1 328	1 311	5 181	5 247
SOLD OUTSIDE SOUTH AFRICA	6 617	461	400	498	1 477	1 968
ELECTRICITY CONSUMED IN SOUTH AFRICA 1/						
Actual figures	187 501	14 655	15 483	15 247	60 015	59 497
Seasonally adjusted figures		15 479	15 683	16 099	-	-
ESKOM						
ELECTRICITY PRODUCED						
Actual figures	198 708	15 418	16 300	16 078	62 769	63 070
Seasonally adjusted figures		16 299	16 372	17 003	-	-
PURCHASED OUTSIDE SOUTH AFRICA	5	3	3	3	11	3

CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS	15 071	1 185	1 220	1 202	4 754	4 908
SOLD OUTSIDE SOUTH AFRICA	6 617	461	400	498	1 477	1 968
ELECTRICITY CONSUMED IN SOUTH AFRICA 1/						
Actual figures	177 025	13 775	14 683	14 381	56 549	56 197
Seasonally adjusted figures		14 603	14 705	15 248	-	-

1/ As indicated by electricity available for distribution

* Revised

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