

Generation and consumption of electricity P4141

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Dr F M Orkin

Head: Central Statistical Service

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CONSUMPTION OF ELECTRICITY UNCHANGED

The consumption of electricity in South Africa was 15 786 gigawatt hours in February 1998 and showed an increase of 0,3% after seasonal adjustment between January 1998 and February 1998. Consumption of electricity during the three months up to February 1998 showed an increase of 0,2% after seasonal adjustment compared with the previous three months. However, the electricity consumption in February 1998 was lower than the peak of 16 081 gigawatt hours after seasonal adjustment recorded during April 1997.

SUMMARY - ELECTRICITY CONSUMED IN SOUTH AFRICA

Period		Gigawatt-hours	Percentage change
Actual			
Dec. 1997	- Feb. 1998	44 680	+3,2
Dec. 1996	- Feb. 1997	43 302	
Seasonally adjusted			
Dec. 1997	- Feb. 1998	47 352	+0,2
Sept. 1997	- Nov. 1997	47 269	

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.

According to international practice, production indices were 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 better information is 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	15 393
F	11 802	12 294	12 858	13 711	14 088	14 409
M	13 232	13 593	14 145	14 361	15 155	
A	12 578	12 723	13 350	14 006	15 247	
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	13 073	13 501	14 120	14 483	15 347	15 742
F	13 065	13 573	14 160	15 051	15 437	15 786
M	13 276	13 633	14 198	14 447	15 262	
A	13 230	13 391	14 059	14 768	16 081	
M	13 135	13 534	14 247	14 802	15 834	
J	13 307	13 801	14 144	14 470	15 562	
J	13 229	13 900	14 068	15 373	15 671	
A	13 243	13 924	14 029	15 121	15 267	
S	13 536	13 916	14 173	14 967	15 802	
O	13 289	13 871	14 169	15 209	15 845	
N	13 416	14 094	14 416	15 162	15 622	
D	13 605	14 185	14 361	15 089	15 824	

**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	
A	88,4	90,1	93,9	100,5	109,6	
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	99,9	102,9	110,8	112,2
F	91,7	95,5	99,7	108,0	111,1	112,5
M	93,1	96,3	100,1	104,1	110,1	
A	93,5	95,2	99,2	106,2	115,8	
M	92,5	96,0	99,6	106,4	113,8	
J	94,1	97,3	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	95,6	98,3	99,8	107,1	114,5	
O	93,7	98,2	100,2	109,4	114,4	
N	94,2	99,3	102,1	109,6	112,4	

| D | 95,2 100,1 102,0 108,9 113,3 |

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	February	January	February	January - February	
		1998	1997	1998	1997	
TOTAL - ALL PRODUCERS						
ELECTRICITY PRODUCED						
Actual figures	210 362	15 994	17 051	15 791	33 045	32 629
Seasonally adjusted figures		17 505	17 460	17 284	-	-
PURCHASED OUTSIDE SOUTH AFRICA	5	3	2	-	5	-
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS	16 248	1 227	1 329	1 246	2 556	2 570
SOLD OUTSIDE SOUTH AFRICA	6 617	360	330	457	690	965
ELECTRICITY CONSUMED IN SOUTH AFRICA 1/						
Actual figures	187 501	14 409	15 393	14 088	29 802	29 095
Seasonally adjusted figures		15 786	15 742	15 437	-	-
ESKOM						
ELECTRICITY PRODUCED						
Actual figures	198 708	14 981	16 070	14 938	31 051	30 827
Seasonally adjusted figures		16 349	16 385	16 305	-	-
PURCHASED OUTSIDE SOUTH AFRICA	5	3	2	-	5	-
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS	15 071	1 119	1 230	1 174	2 349	2 417
SOLD OUTSIDE SOUTH AFRICA	6 617	360	330	457	690	965
ELECTRICITY CONSUMED IN SOUTH AFRICA 1/						
Actual figures	177 025	13 504	14 512	13 307	28 016	27 445
Seasonally adjusted figures		14 768	14 794	14 553	-	-

1/ As indicated by electricity available for distribution
* Revised

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