

Generation and consumption of electricity P4141

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DEMAND FOR ELECTRICITY IS DECREASING

The demand for electricity in South Africa continues to show a declining trend since March 1998. The index of electricity production for the three months, May 1998 to July 1998, is 1,6 percentage points lower than for the previous three months (110,1 compared with 111,8).

The consumption of electricity in South Africa reached high levels in 1997 but for the three months up to July 1998 decreased by 1,7% (-824 gigawatt hours) compared with the previous three months. Decreases were reported by both Eskom and other producers.

SUMMARY - ELECTRICITY CONSUMED IN SOUTH AFRICA

Period		Gigawatt-hours	Percentage change
Actual			
May 1998	- Jul. 1998	49 448	-1,3
May 1997	- Jul. 1997	50 084	
Seasonally adjusted			
May 1998	- Jul. 1998	46 489	-1,7
Feb. 1998	- Apr. 1998	47 313	

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.

The CSS has adopted the confidential pre-release policy in respect of selected economic indicators and specific government departments. The policy accords with practice among leading statistical agencies. The statistical integrity of the indices and strict observance of the release time has been assured by the following procedure:

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

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	15 009	15 403
F	11 802	12 294	12 858	13 710	14 088	14 459
M	13 232	13 593	14 145	14 361	15 155	15 714
A	12 578	12 723	13 350	14 006	15 247	14 923
M	13 430	13 892	14 687	15 315	16 423	16 261
J	14 084	14 629	14 998	15 325	16 474	16 320
J	14 519	15 255	15 440	16 862	17 187	16 867
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	14 792	15 235	
D	12 813	13 366	13 534	14 207	14 878	
YEAR	159 359	165 310	170 103	178 938	187 507	
SEASONALLY ADJUSTED FIGURES						
J	13 075	13 504	14 122	14 499	15 371	15 771
F	13 067	13 577	14 158	15 060	15 445	15 843
M	13 269	13 615	14 172	14 392	15 201	15 771
A	13 227	13 387	14 059	14 745	16 044	15 699
M	13 130	13 530	14 243	14 768	15 782	15 604
J	13 309	13 805	14 165	14 485	15 596	15 471
J	13 231	13 903	14 085	15 382	15 689	15 414
A	13 244	13 926	14 027	15 133	15 279	
S	13 538	13 917	14 171	14 976	15 810	
O	13 288	13 869	14 167	15 217	15 852	
N	13 420	14 097	14 423	15 179	15 636	
D	13 609	14 189	14 375	15 112	15 845	

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	115,4
J	99,7	103,2	105,2	110,1	118,3	115,4
J	102,3	107,5	108,7	121,1	124,1	119,9
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	110,9	112,2
F	91,7	95,5	99,7	108,0	111,1	112,5
M	93,2	96,4	100,3	104,3	110,5	111,8
A	93,5	95,2	99,2	106,1	115,6	111,2
M	92,6	96,0	99,7	106,2	113,5	111,0
J	94,1	97,4	99,5	104,3	112,3	109,7
J	93,4	98,1	99,2	110,5	113,2	109,5
A	93,5	98,4	98,9	108,6	110,7	
S	95,5	98,2	99,5	106,9	114,1	
O	93,7	98,2	100,2	109,4	114,3	
N	94,2	99,3	102,0	109,6	112,4	
D	95,2	100,1	102,0	109,0	113,4	

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	July	June	July	January -	July
		1998	1998	1997	1998	1997
TOTAL - ALL PRODUCERS						
ELECTRICITY PRODUCED						
Actual figures	210 362	18 645	17 945	19 301	121 202	122 727
Seasonally adjusted figures		17 031	17 071	17 616	-	-
PURCHASED OUTSIDE SOUTH AFRICA						
	8	185	227	-	943	7
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS						
	16 248	1 447	1 423	1 474	9 483	9 463
SOLD OUTSIDE SOUTH AFRICA						
	6 615	515	429	640	2 714	3 688
ELECTRICITY CONSUMED IN SOUTH AFRICA 1/						
Actual figures	187 507	16 867	16 320	17 187	109 947	109 583
Seasonally adjusted figures		15 414	15 471	15 689	-	-

ESKOM						

ELECTRICITY PRODUCED						
Actual figures	198 708	17 641	16 920	18 292	114 276	115 923
Seasonally adjusted figures		16 092	16 142	16 671	-	-
PURCHASED OUTSIDE SOUTH AFRICA	8	185	227	-	943	7
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS	15 071	1 331	1 310	1 373	8 712	8 816
SOLD OUTSIDE SOUTH AFRICA	6 615	515	429	640	2 714	3 688
ELECTRICITY CONSUMED IN SOUTH AFRICA 1/						
Actual figures	177 030	15 979	15 408	16 279	103 792	103 426
Seasonally adjusted figures		14 591	14 662	14 844	-	-

1/ As indicated by electricity available for distribution
* Revised

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