

Generation and consumption of electricity P4141

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CONSUMPTION OF ELECTRICITY DECREASES

Electricity consumption in South Africa showed a decrease of 1,3% after seasonal adjustment for the second quarter of 1998 compared with the first quarter.

However, the demand for electricity in the first six months of 1998 remained almost unchanged compared with the preceding six months after seasonal adjustment (94 195 gigawatt-hours compared with 94 087 gigawatt-hours). The production of electricity in South Africa in the first six months of 1998 was 1,4% (1 502 gigawatt-hours) lower after seasonal adjustment than for the last six months of 1997. This was due to the fact that as from January 1998 more electricity (+758 units) was imported from neighbouring countries and less electricity (-857 units) was sold to countries outside the borders of South Africa.

SUMMARY - ELECTRICITY CONSUMED IN SOUTH AFRICA

Period		Gigawatt-hours	Percentage change
Actual			
Apr. 1998	- Jun. 1998	47 504	-1,3
Apr. 1997	- Jun. 1997	48 144	
Seasonally adjusted			
Apr. 1998	- Jun. 1998	46 797	-1,3
Jan. 1998	- Mar. 1998	47 399	

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	15 009	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	
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	13 073	13 502	14 120	14 497	15 368	15 770
F	13 065	13 574	14 156	15 055	15 440	15 840
M	13 271	13 620	14 182	14 402	15 213	15 789
A	13 231	13 392	14 065	14 749	16 047	15 703
M	13 135	13 534	14 250	14 773	15 788	15 611
J	13 308	13 804	14 167	14 488	15 604	15 483
J	13 229	13 901	14 065	15 382	15 683	
A	13 242	13 924	14 025	15 128	15 274	
S	13 536	13 914	14 169	14 971	15 805	
O	13 290	13 871	14 170	15 217	15 851	
N	13 418	14 095	14 423	15 177	15 634	
D	13 607	14 186	14 375	15 109	15 842	

**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	
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	112,2
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	93,4	95,2	99,2	106,0	115,6	111,2
M	92,6	96,0	99,7	106,2	113,5	111,1
J	94,1	97,4	99,5	104,3	112,4	109,8
J	93,4	98,1	99,1	110,5	113,3	
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	113,3	

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	June	May*	June	January -	June
		1998	1997	1998	1997	
TOTAL - ALL PRODUCERS						
ELECTRICITY PRODUCED						
Actual figures	210 362	17 945	17 948	18 398	102 557	103 426
Seasonally adjusted figures		17 084	17 279	17 487	-	-
PURCHASED OUTSIDE SOUTH AFRICA	8	227	133	1	758	7
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS	16 248	1 423	1 432	1 323	8 036	7 989
SOLD OUTSIDE SOUTH AFRICA	6 615	429	388	602	2 199	3 048
ELECTRICITY CONSUMED IN SOUTH AFRICA 1/						
Actual figures	187 507	16 320	16 261	16 474	93 080	92 396
Seasonally adjusted figures		15 483	15 611	15 604	-	-
ESKOM						
ELECTRICITY PRODUCED						
Actual figures	198 708	16 920	16 946	17 275	96 635	97 631
Seasonally adjusted figures		16 160	16 327	16 466	-	-
PURCHASED OUTSIDE SOUTH AFRICA	8	227	133	1	758	7
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS	15 071	1 310	1 317	1 228	7 381	7 443
SOLD OUTSIDE SOUTH AFRICA	6 615	429	388	602	2 199	3 048
ELECTRICITY CONSUMED IN SOUTH AFRICA 1/						
Actual figures	177 030	15 408	15 374	15 446	87 813	87 147
Seasonally adjusted figures		14 678	14 783	14 683	-	-

1/ As indicated by electricity available for distribution

* Revised

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