

# Generation and consumption of electricity P4141

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#### ELECTRICITY CONSUMPTION AND PRODUCTION DECREASE

*The consumption of electricity in South Africa for the three months up to August 1998 after seasonal adjustment reflected a decrease of 2,1% compared with the previous three months. The average index of electricity production from June 1998 to August 1998 after seasonal adjustment was 2,9% lower than the previous three months.*

Production of electricity for the three months up to August 1998 after seasonal adjustment was 2,9% lower than for the previous three months. This was mainly due to more electricity being imported from neighbouring countries and less electricity sold to countries outside the borders of South Africa.

#### SUMMARY - ELECTRICITY CONSUMED IN SOUTH AFRICA

Period	Gigawatt-hours	Percentage change
Actual		
Jun. 1998 - Aug. 1998	49 534	-0,9
Jun. 1997 - Aug. 1997	49 964	
Seasonally adjusted		
Jun. 1998 - Aug. 1998	46 275	-2,1
Mar. 1998 - May 1998	47 249	

## 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.

Stats SA 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:

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**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	16 280*
J	14 519	15 255	15 440	16 862	17 187	16 867
A	14 194	14 893	14 994	16 151	16 303	16 387
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	13 064	13 495	14 101	14 460	15 277	15 721
F	13 061	13 572	14 161	15 086	15 481	15 870
M	13 267	13 636	14 229	14 470	15 295	15 907
A	13 305	13 457	14 122	14 785	16 078	15 725
M	13 130	13 544	14 266	14 757	15 764	15 599
J	13 284	13 778	14 141	14 463	15 584	15 421
J	13 223	13 892	14 065	15 356	15 655	15 380
A	13 238	13 932	14 066	15 171	15 331	15 461
S	13 539	13 886	14 107	14 889	15 702	
O	13 292	13 862	14 161	15 228	15 870	
N	13 408	14 075	14 396	15 169	15 622	
D	13 578	14 174	14 371	15 115	15 847	

**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	111,9
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	91,6	95,5	99,6	108,0	111,1	112,5
M	93,2	96,4	100,2	104,3	110,5	111,8
A	93,5	95,2	99,2	106,1	115,6	111,2
M	92,6	96,0	99,6	106,2	113,4	110,9
J	94,1	97,3	99,4	104,2	112,2	109,6
J	93,4	98,0	99,1	110,3	113,0	109,2
A	93,5	98,5	99,2	108,9	111,2	105,6
S	95,5	98,2	99,5	106,8	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	August	July	August	January - August	
		1998		1997	1998	1997
<b>TOTAL - ALL PRODUCERS</b>						
<b>ELECTRICITY PRODUCED</b>						
Actual figures	210 362	17 401	18 645	18 354	138 603	141 081
Seasonally adjusted figures		16 422	16 990	17 299	-	-
<b>PURCHASED OUTSIDE SOUTH AFRICA</b>						
	8	667	141*	-	1 526	7
<b>CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS</b>						
	16 248	1 330	1 447	1 424	10 813	10 887
<b>SOLD OUTSIDE SOUTH AFRICA</b>						
	6 615	351	472*	627	3 022	4 315
<b>ELECTRICITY CONSUMED IN SOUTH AFRICA 1/</b>						
Actual figures	187 507	16 387	16 867	16 303	126 294	125 886
Seasonally adjusted figures		15 461	15 380	15 331	-	-
<b>ESKOM</b>						
<b>ELECTRICITY PRODUCED</b>						
Actual figures	198 708	16 360	17 641	17 302	130 636	133 225
Seasonally adjusted figures		15 486	16 049	16 356	-	-

PURCHASED OUTSIDE SOUTH AFRICA	8	667	141*	-	1 526	7
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS	15 071	1 221	1 331	1 314	9 933	10 130
SOLD OUTSIDE SOUTH AFRICA	6 615	351	472*	627	3 022	4 315
ELECTRICITY CONSUMED IN SOUTH AFRICA 1/ Actual figures	177 030	15 455	15 979	15 361	119 207	118 787
Seasonally adjusted figures		14 619	14 542	14 482	-	-

1/ As indicated by electricity available for distribution

\* Revised

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