

## Generation and consumption of electricity P4141

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#### ELECTRICITY CONSUMED INCREASES

*Although the consumption of electricity in South Africa reflected a decrease of 0,9% after seasonal adjustment between October and November 1998, the consumption of electricity for the three months September to November 1998 increased by 1,2% after seasonal adjustment compared with the previous three months.*

Electricity imported, after seasonal adjustment, accounted for 2,1% of electricity consumed during the three months June to August 1998, while it only accounted for 1,0% during the three months September to November 1998. Therefore, the local production of electricity for the three months up to November 1998, after seasonal adjustment, was 1,5% higher than for the previous three months. Exports of electricity decreased slightly during the same period.

#### SUMMARY - ELECTRICITY CONSUMED IN SOUTH AFRICA

Period	Gigawatt-hours	Percentage change
Actual		
Sept. 1998 - Nov. 1998	46 629	-0,2
Sept. 1997 - Nov. 1997	46 743	
Seasonally adjusted		
Sept. 1998 - Nov. 1998	46 924	+1,2
Jun. 1998 - Aug. 1998	46 360	

**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:

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

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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	16 417
S	13 374	13 719	13 939	14 698	15 503	15 536
O	13 480	14 018	14 306	15 356	16 005	15 957
N	13 091	13 752	14 070	14 792	15 235	15 136
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	13 065	13 496	14 103	14 459	15 285	15 730
F	13 061	13 572	14 159	15 078	15 480	15 871
M	13 269	13 638	14 229	14 465	15 295	15 906
A	13 305	13 457	14 119	14 783	16 079	15 723
M	13 129	13 542	14 261	14 759	15 769	15 600
J	13 285	13 779	14 142	14 475	15 602	15 436
J	13 225	13 896	14 075	15 390	15 708	15 432
A	13 238	13 933	14 063	15 175	15 331	15 492
S	13 534	13 879	14 101	14 848	15 635	15 641
O	13 292	13 863	14 159	15 186	15 798	15 712
N	13 408	14 075	14 417	15 183	15 664	15 571
D	13 578	14 174	14 368	15 119	15 852	

**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	109,1
O	95,1	99,4	101,4	110,7	115,8	112,6

N	92,2	97,2	99,9	107,3	110,0	106,2
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	111,2	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	113,5	111,0
J	94,1	97,3	99,4	104,3	112,3	109,7
J	93,4	98,1	99,2	110,5	113,2	109,5
A	93,5	98,5	99,1	108,9	111,2	105,6
S	95,5	98,1	99,5	106,6	113,7	109,8
O	93,7	98,2	100,1	109,0	113,8	110,5
N	94,2	99,3	102,2	109,7	112,7	108,9
D	95,2	100,1	101,9	109,1	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	November	October	November	January - November	
		1998		1997	1998	1997
<b>TOTAL - ALL PRODUCERS</b>						
<b>ELECTRICITY PRODUCED</b>						
Actual figures	210 362	16 525	17 520	17 107	189 613	193 762
Seasonally adjusted figures		16 958	17 203	17 530	-	-
PURCHASED OUTSIDE SOUTH AFRICA	8	273	161	-	2 163	8
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS	16 248	1 197	1 325	1 308	14 595	15 005
SOLD OUTSIDE SOUTH AFRICA	6 615	465	400	564	4 229	6 136
<b>ELECTRICITY CONSUMED IN SOUTH AFRICA 1/</b>						
Actual figures	187 507	15 136	15 957	15 235	172 953	172 629
Seasonally adjusted figures		15 571	15 712	15 664	-	-

ESKOM						
ELECTRICITY PRODUCED						
Actual figures	198 708	15 624	16 510	16 163	178 764	183 027
Seasonally adjusted figures		16 035	16 208	16 567	-	-
PURCHASED OUTSIDE SOUTH AFRICA						
	8	273	161	-	2 163	8
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS						
	15 071	1 088	1 205	1 196	13 374	13 918
SOLD OUTSIDE SOUTH AFRICA						
	6 615	465	400	564	4 229	6 136
ELECTRICITY CONSUMED IN SOUTH AFRICA 1/						
Actual figures	177 030	14 344	15 066	14 403	163 324	162 981
Seasonally adjusted figures		14 765	14 824	14 820	-	-

1/ As indicated by electricity available for distribution

\* Revised

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