

Generation and consumption of electricity P4141

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INCREASE IN THE CONSUMPTION OF ELECTRICITY

The consumption of electricity in South Africa showed an increase of 0,8% after seasonal adjustment between August and September 1998. However, consumption of electricity for the three months up to September 1998 after seasonal adjustment is slightly lower than for the previous three months (-0,5% or 247 Gigawatt-hours).

The declining trend in the demand for electricity in South Africa for the first seven months of 1998 levelled off during August and September 1998.

Production of electricity for the three months up to September 1998 after seasonal adjustment was 2,2% 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.

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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SUMMARY - ELECTRICITY CONSUMED IN SOUTH AFRICA

Period	Gigawatt-hours	Percentage change
Actual		
Jul. 1998 - Sept. 1998	48 835	-0,3
Jul. 1997 - Sept. 1997	48 993	
Seasonally adjusted		
Jul. 1998 - Sept. 1998	46 521	-0,5
Apr. 1998 - Jun. 1998	46 768	

TABLE 1.1 - ELECTRICITY CONSUMED IN SOUTH AFRICA 1/
HISTORICAL TABLE

Month	Gigawatt-hours					
	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	15 551
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	14 102	14 459	15 280	15 728
F	13 058	13 569	14 158	15 082	15 482	15 874
M	13 269	13 638	14 229	14 469	15 296	15 908
A	13 307	13 459	14 123	14 787	16 079	15 724
M	13 130	13 543	14 266	14 761	15 771	15 605
J	13 285	13 780	14 146	14 475	15 603	15 439
J	13 224	13 896	14 075	15 383	15 698	15 423
A	13 238	13 931	14 063	15 168	15 327	15 487
S	13 534	13 877	14 093	14 821	15 591	15 611
O	13 292	13 864	14 162	15 235	15 879	
N	13 408	14 075	14 396	15 172	15 628	
D	13 579	14 176	14 373	15 122	15 855	

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	109,0
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	111,2	112,5
M	93,2	96,4	100,2	104,3	110,6	111,9
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	99,4	104,3	112,3	109,7
J	93,4	98,1	99,2	110,4	113,2	109,4
A	93,5	98,4	99,1	108,8	111,0	105,3
S	95,5	98,1	99,4	106,5	113,6	109,6
O	93,7	98,2	100,2	109,4	114,4	
N	94,2	99,3	102,0	109,7	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	September	August*	September	January - September	
		1998		1997	1998	1997
TOTAL - ALL PRODUCERS						
ELECTRICITY PRODUCED						
Actual figures	210 362	16 961	17 401	17 559	155 564	158 640
Seasonally adjusted figures		17 058	16 405	17 669	-	-
PURCHASED OUTSIDE SOUTH AFRICA	8	204	667	1	1 730	8
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS	16 248	1 283	1 301	1 434	12 067	12 321
SOLD OUTSIDE SOUTH AFRICA	6 615	330	350	623	3 351	4 938
ELECTRICITY CONSUMED IN SOUTH AFRICA 1/						
Actual figures	187 507	15 551	16 417	15 503	141 875	141 389
Seasonally adjusted figures		15 611	15 487	15 591	-	-

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ELECTRICITY PRODUCED						
Actual figures	198 708	15 990	16 360	16 605	146 626	149 830
Seasonally adjusted figures		16 096	15 502	16 724	-	-
PURCHASED OUTSIDE SOUTH AFRICA	8	204	667	1	1 730	8
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS	15 071	1 171	1 192	1 330	11 075	11 460
SOLD OUTSIDE SOUTH AFRICA	6 615	330	350	623	3 351	4 938
ELECTRICITY CONSUMED IN SOUTH AFRICA 1/						
Actual figures	177 030	14 692	15 485	14 653	133 929	133 440
Seasonally adjusted figures		14 750	14 678	14 738	-	-

1/ As indicated by electricity available for distribution

* Revised

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