

## **Generation and Consumption of Electricity P4141**

August 1996

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### **INCREASED DEMAND FOR ELECTRICITY IN 1996**

Electricity consumed in South Africa during the first eight months of 1996, (120 811 gigawatt-hours) exceeded the consumption during the same period a year ago by 5% (5 776 gigawatt-hours).

Since September 1995 the consumption of electricity in South Africa is showing an upward trend. Industrial and bulk users (municipalities) are mainly responsible for the increased consumption. The consumption of electricity during August 1996 for each of these categories of users was approximately 500 gigawatt-hours more than in August 1995. Sales of electricity to neighbouring countries show the same upward trend.

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**Head: Central Statistical Service**

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SUMMARY - ELECTRICITY CONSUMED IN SOUTH AFRICA

Period	Gigawatt-hours	Percentage change
Actual		
Jun. 1996 - Aug. 1996	48 746	+6,3
Jun. 1995 - Aug. 1995	45 841	
Seasonally adjusted		
Jun. 1996 - Aug. 1996	45 317	+1,8
Mar. 1996 - May 1996	44 497	

**NOTE**

This statistical release contains estimates of the total number of units of electricity consumed in the Republic of South Africa (including the former TBVC states). Information on the number of units of electricity produced, the number of units consumed in power stations, electricity purchased and sold outside South Africa are also shown.

TABLE 1 - ELECTRICITY CONSUMED IN SOUTH AFRICA HISTORICAL TABLE

Gigawatt hours

Month	1991	1992	1993	1994	1995 *	1996
ACTUAL FIGURES						
J	12 435	12 354	12 753	13 211	13 849	14 252
F	11 475	11 881	11 798	12 329	12 924	13 799

M	12 702	12 605	13 231	13 633	14 197	14 466
A	12 532	12 085	12 583	12 767	13 428	14 096
M	13 128	12 985	13 435	13 946	14 796	15 452
J	13 511	13 451	14 093	14 689	15 105	15 448
J	14 164	14 029	14 535	15 318	15 590	17 003
A	13 914	13 748	14 212	14 961	15 146	16 295
S	12 695	12 806	13 395	13 781	14 080	
O	13 079	13 245	13 506	14 091	14 443	
N	12 344	12 615	13 119	13 821	14 201	
D	11 797	12 279	12 845	13 438	13 642	
YEAR	153 776	154 083	159 505	165 985	171 401	
SEASONALLY ADJUSTED FIGURES						
J	12 724	12 651	13 064	13 538	14 193	14 604
F	12 734	13 180	13 065	13 628	14 267	15 223
M	12 811	12 672	13 268	13 646	14 201	14 470
A	13 156	12 699	13 246	13 453	14 174	14 894
M	12 893	12 746	13 179	13 667	14 488	15 133
J	12 850	12 751	13 324	13 850	14 229	14 554
J	12 918	12 788	13 252	13 955	14 206	15 499
A	12 973	12 816	13 269	13 988	14 178	15 264
S	12 755	12 893	13 507	13 916	14 222	
O	12 773	12 997	13 309	13 954	14 332	
N	12 665	12 936	13 430	14 138	14 515	
D	12 517	13 033	13 613	14 218	14 415	

\* Revised

TABLE 2 ELECTRICITY - PRODUCED, CONSUMED IN POWER STATIONS, PURCHASED AND SOLD OUTSIDE SOUTH AFRICA AND CONSUMED IN SOUTH AFRICA

Gigawatt hours

DESCRIPTION	Year 1995 *	August	July	August	January - August	
		1996		1995 *	1996	1995
TOTAL - ALL PRODUCERS						
ELECTRICITY PRODUCED						
Actual figures	188 138	18 176	18 993	16 603	134 858	125 951
Seasonally adjusted figures		17 043	17 337	15 552	-	-
PURCHASED OUTSIDE SOUTH AFRICA	149	-	-	-	4	149
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS	13 886	1 372	1 429	1 173	10 587	9 327
SOLD OUTSIDE SOUTH AFRICA	3 000	510	561	284	3 451	1 738

ELECTRICITY CONSUMED IN SOUTH AFRICA						
Actual figures	171 401	16 295	17 003	15 146	120 811	115 035
Seasonally adjusted figures		15 264	15 499	14 178	-	-
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ELECTRICITY PRODUCED						
Actual figures	174 647	16 922	17 779	15 346	126 554	116 886
Seasonally adjusted figures		15 926	16 231	14 422	-	-
PURCHASED OUTSIDE SOUTH AFRICA	149	-	-	-	4	149
CONSUMED IN POWER STATIONS AND AUXILIARY SYSTEMS	12 310	1 226	1 286	1 025	9 587	8 287
SOLD OUTSIDE SOUTH AFRICA	3 000	510	561	284	3 451	1 738
ELECTRICITY CONSUMED IN SOUTH AFRICA						
Actual figures	159 486	15 186	15 933	14 037	113 521	107 010
Seasonally adjusted figures		14 277	14 518	13 181	-	-

\* Revised

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