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### STATISTICAL RELEASE P4141

# Electricity generated and available for distribution (Preliminary)

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#### Electricity generated (produced) in South Africa: results for October 2025

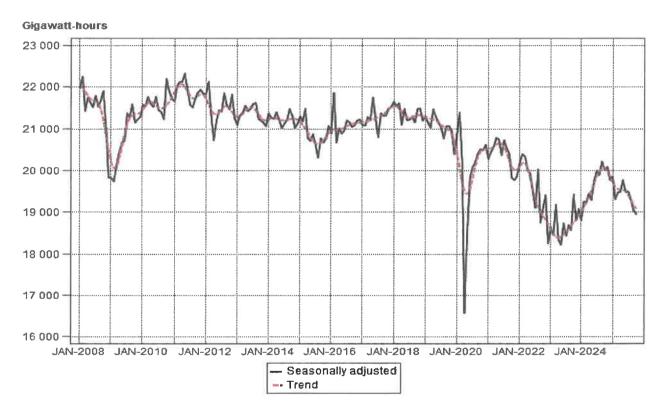
Table A - Key growth rates in the volume of electricity generated

	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25
Year-on-year % change, unadjusted	2,4	-1,3	-2,3	-3,1	-5,7	-5,2
Month-on-month % change, seasonally adjusted	1,4	-1,5	0,1	-1,1	-1,3	-0,4
3-month % change, seasonally adjusted <sup>1</sup>	-0,4	0,1	0,8	-0,8	-1,6	-2,5

<sup>&</sup>lt;sup>1</sup> Percentage change between the previous 3 months and the 3 months ending in the month indicated.

Electricity generation (production) decreased by 5,2% year-on-year in October 2025. Seasonally adjusted electricity generation decreased by 0,4% in October 2025 compared with September 2025, following month-on-month changes of -1,3% in September 2025 and -1,1% in August 2025. Seasonally adjusted electricity generation decreased by 2,5% in the three months ended October 2025 compared with the previous three months.

Figure 1 – Electricity generated in South Africa



#### Electricity distributed (consumed) in South Africa: results for October 2025

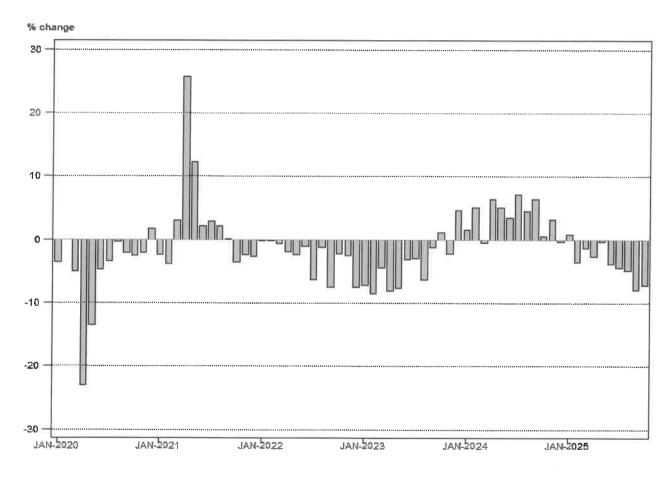
Table B - Key growth rates in the volume of electricity distributed

	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25
Year-on-year % change, unadjusted	-0,3	-3,8	-4,4	-4,9	-7,9	-7,2
Month-on-month % change, seasonally adjusted	1,4	-2,5	0,5	-1,1	-2,5	-0,4
3-month % change, seasonally adjusted 1	-0,1	0,1	0,4	-1,6	-2,3	-3,4

<sup>&</sup>lt;sup>1</sup> Percentage change between the previous 3 months and the 3 months ending in the month indicated.

Electricity distribution (consumption) decreased by 7,2% year-on-year in October 2025. Seasonally adjusted electricity distribution decreased by 0,4% month-on-month in October 2025, following month-on-month changes of -2,5% in September 2025 and -1,1% in August 2025. Seasonally adjusted electricity distribution decreased by 3,4% in the three months ended October 2025 compared with the previous three months.

Figure 2 – Electricity distributed in South Africa: year-on-year percentage change



Risenga Maluleke Statistician-General

#### **Tables**

Table 1 – Index of the volume of electricity generated (Base: 2019=100)

Month	2019	2020	2021	2022	2023	2024	2025
Jan	99,5	97,1	93,9	93,0	85,7	86,4	91,3
Feb	91,3	92,2	88,2	87,9	79,4	82,7	82,9
Mar	99,5	95,5	97,2	96,2	90,8	91,0	92,1
Apr	98,5	76,1	95,5	91,9	84,1	89,1	89,2
May	105,0	91,1	102,2	97,9	89,4	94,6	96,9
Jun	104,3	98,3	101,4	97,4	93,8	99,0	97,7
Jul	107,2	102,4	105,7	97,7	94,3	102,5	100,1
Aug	102,2	99,7	101,7	99,5	93,1	99,3	96,2
Sep	98,7	95,7	95,7	87,9	87,0	94,7	89,3
Oct	102,5	99,7	96,2	92,5	94,1	96,8	91,8
Nov	98,2	95,7	92,3	90,5	87,8	93,9	
Dec	93,3	94,3	90,8	83,3	87,0	90,1	
Total	100,0	94,8	96,7	93,0	88,9	93,3	

Table 2 – Year-on-year percentage change in the volume of electricity generated

Month	2020	2021	2022	2023	2024	2025	2025 year-to-date
Jan	-2,4	-3,3	-1,0	-7,8	0,8	5,7	5,7
Feb	1,0	-4,3	-0,3	-9,7	4,2	0,2	3,0
Mar	-4,0	1,8	-1,0	-5,6	0,2	1,2	2,4
Apr	-22,7	25,5	-3,8	-8,5	5,9	0,1	1,8
May	-13,2	12,2	-4,2	-8,7	5,8	2,4	1,9
Jun	-5,8	3,2	-3,9	-3,7	5,5	-1,3	1,3
Jul	-4,5	3,2	-7,6	-3,5	8,7	-2,3	0,8
Aug	-2,4	2,0	-2,2	-6,4	6,7	-3,1	0,2
Sep	-3,0	0,0	-8,2	-1,0	8,9	-5,7	-0,4
Oct	-2,7	-3,5	-3,8	1,7	2,9	-5,2	-0,9
Nov	-2,5	-3,6	-2,0	-3,0	6,9		
Dec	1,1	-3,7	-8,3	4,4	3,6		
Total	-5,2	2,0	-3,8	-4,4	4,9		

Table 3 – Seasonally adjusted index of the volume of electricity generated

Bill a mala		Base: 2	019=100			Month-on-mo	nth % change	
Month	2022	2023	2024	2025	2022	2023	2024	2025
Jan	95,8	88,5	89,3	94,4	1,5	2,1	-1,4	0,5
Feb	96,9	87,6	91,4	91,7	1,1	-1,0	2,4	-2,9
Mar	96,6	91,1	91,3	92,5	-0,3	4,0	-0,1	0,9
Apr	95,0	87,1	92,4	92,6	-1,7	-4,4	1,2	0,1
May	94,7	86,5	91,6	93,9	-0,3	-0,7	-0,9	1,4
Jun	92,5	89,0	93,8	92,5	-2,3	2,9	2,4	-1,5
Jul	90,7	87,5	95,0	92,6	-1,9	-1,7	1,3	0,1
Aug	95,1	88,8	94,5	91,6	4,9	1,5	-0,5	-1,1
Sep	89,0	88,2	96,0	90,4	-6,4	-0,7	1,6	-1,3
Oct	90,7	92,3	95,0	90,0	1,9	4,6	-1,0	-0,4
Nov	92,2	89,3	95,4		1,7	-3,3	0,4	
Dec	86,7	90,6	93,9		-6,0	1,5	-1,6	

Table 4 – Volume of electricity distributed in South Africa (gigawatt-hours)

Month	2020	2021	2022	2023	2024	2025
Jan	18 449	18 007	17 978	16 673	16 932	17 069
Feb	17 496	16 830	16 821	15 370	16 138	15 559
Mar	17 982	18 527	18 416	17 600	17 506	17 257
Apr	14 384	18 083	17 719	16 280	17 323	16 848
May	17 263	19 377	18 907	17 443	18 313	18 262
Jun	18 672	19 058	18 851	18 247	18 889	18 172
Jul	19 541	20 089	18 826	18 252	19 552	18 684
Aug	19 048	19 465	19 231	17 998	18 800	17 872
Sep	18 225	18 240	16 871	16 663	17 723	16 331
Oct	18 891	18 214	17 797	17 984	18 094	16 794
Nov	18 162	17 726	17 291	16 897	17 426	
Dec	17 985	17 504	16 183	16 934	16 871	
Total	216 098	221 120	214 891	206 341	213 567	

Table 5 – Year-on-year percentage change in electricity distributed in South Africa

Month	2021	2022	2023	2024	2025	2025 year-to-date
Jan	-2,4	-0,2	-7,3	1,6	8,0	0,8
Feb	-3,8	-0,1	-8,6	5,0	-3,6	-1,3
Mar	3,0	-0,6	-4,4	-0,5	-1,4	-1,4
Apr	25,7	-2,0	-8,1	6,4	-2,7	-1,7
May	12,2	-2,4	-7,7	5,0	-0,3	-1,4
Jun	2,1	-1,1	-3,2	3,5	-3,8	-1,8
Jul	2,8	-6,3	-3,0	7,1	-4,4	-2,2
Aug	2,2	-1,2	-6,4	4,5	-4,9	-2,6
Sep	0,1	-7,5	-1,2	6,4	-7,9	-3,2
Oct	-3,6	-2,3	1,1	0,6	-7,2	-3,6
Nov	-2,4	-2,5	-2,3	3,1		
Dec	-2,7	-7,5	4,6	-0,4		
Total	2,3	-2,8	-4,0	3,5		

Table 6 – Seasonally adjusted volume of electricity distributed in South Africa

Month		Gigawa	tt-hours			Month-on-mo	onth % change	
MOULL	2022	2023	2024	2025	2022	2023	2024	2025
Jan	18 511	17 194	17 466	17 635	1,7	2,2	-0,9	0,2
Feb	18 453	16 824	17 695	17 124	-0,3	-2,2	1,3	-2,9
Mar	18 475	17 646	17 558	17 325	0,1	4,9	-0,8	1,2
Apr	18 227	16 744	17 832	17 374	-1,3	-5,1	1,6	0,3
May	18 218	16 832	17 674	17 616	0,0	0,5	-0,9	1,4
Jun	17 888	17 297	17 872	17 171	-1,8	2,8	1,1	-2,5
Jul	17 523	16 974	18 118	17 261	-2,0	-1,9	1,4	0,5
Aug	18 450	17 238	17 958	17 069	5,3	1,6	-0,9	-1,1
Sep	17 141	16 950	18 048	16 637	-7,1	-1,7	0,5	-2,5
Oct	17 564	17 754	17 858	16 573	2,5	4,7	-1,1	-0,4
Nov	17 673	17 246	17 777		0,6	-2,9	-0,5	
Dec	16 827	17 628	17 605		-4,8	2,2	-1,0	

Table 7 – Volume of electricity by category (gigawatt-hours)

	Jun-25	Ju!-25	Aug-25	Sep-25	Oct-25	Oct-25 year-on- year % change
Total - all producers						
Generated	20 571	21 076	20 253	18 796	19 323	-5,2
Inflow into South Africa	524	543	529	333	302	-54,2
Consumed in power stations and auxiliary systems	1 680	1 597	1 585	1 512	1 497	-4,2
Outflow from South Africa	1 244	1 339	1 324	1 286	1 334	-3,9
Distributed in South Africa	18 172	18 684	17 872	16 331	16 794	-7,2
National electricity supplier				'//		
Generated	17 962	18 260	17 517	16 262	16 345	-7,9
Inflow into South Africa	524	543	529	333	302	-54,2
Consumed in power stations and auxiliary systems	1 594	1 492	1 489	1 437	1 415	-5,1
Outflow from South Africa	1 244	1 339	1 324	1 286	1 334	-3,9
Distributed in South Africa	15 649	15 973	15 234	13 872	13 898	-10,5

Table 8 – Year-to-date volume of electricity by category: year-on-year percentage change and difference

	Jan – Oct 2024 (GWh)	Jan – Oct 2025 (GWh)	% change between Jan – Oct 2024 and Jan – Oct 2025	Difference between Jan – Oct 2024 and Jan – Oct 2025 (GWh)
Total - all producers				
Generated	197 096	195 264	-0,9	-1 832
Inflow into South Africa	8 377	5 218	-37,7	-3 159
Consumed in power stations and auxiliary systems	15 653	15 289	-2,3	-364
Outflow from South Africa	10 551	12 345	17,0	1 794
Distributed in South Africa	179 270	172 848	-3,6	-6 422
National electricity supplier	,			
Generated	171 141	170 050	-0,6	-1 091
Inflow into South Africa	8 377	5 218	-37,7	-3 159
Consumed in power stations and auxiliary systems	14 713	14 469	-1,7	-244
Outflow from South Africa	10 551	12 345	17,0	1 794
Distributed in South Africa	154 254	148 456	-3,8	-5 798

Table 9 – Volume of electricity delivered to provinces (gigawatt-hours)

					,	
Province	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Oct-25 year-on-yea % change
Western Cape	1 728	1 780	1 704	1 530	1 546	-3,3
Eastern Cape	767	817	784	717	737	-3,8
Northern Cape	495	508	486	452	471	-6,9
Free State	929	923	933	807	839	-9,8
KwaZulu-Natal	3 222	3 376	3 260	3 125	3 189	-3,2
North West	1 511	1 479	1 437	1 358	1 394	-21,6
Gauteng	5 109	5 331	4 917	4 270	4 404	-0,7
Mpumalanga	2 535	2 583	2 499	2 306	2 439	-6,5
Limpopo	1 526	1 506	1 458	1 383	1 404	-20,5
Total	17 823	18 301	17 481	15 949	16 422	-7,1

#### **Explanatory notes**

#### Introduction

- 1 Statistics South Africa (Stats SA) conducts a monthly survey covering enterprises in the electricity industry. This statistical release contains monthly information regarding the volume of electricity units:
  - generated and distributed in South Africa;
  - flowing into and out from South Africa as measured by the metering systems at the South African borders; and
  - delivered to provinces.

Both unadjusted and seasonally adjusted figures are published.

In accordance with international practice, the indices are usually re-based every five years to a new base year. The current base period of the index is 2019.

#### Purpose of the survey

3 The results of the monthly electricity survey are used to compile estimates of the gross domestic product (GDP) and its components, which are used in monitoring the state of the economy and formulation of economic policy.

#### Scope of the survey

This survey covers enterprises conducting activities concerned with the generation and/or distribution of electricity (excluding the distribution of purchased electric energy). It includes electrical power installations, which, as subsidiary divisions of enterprises, produce electricity for regular use by these enterprises.

#### Classification

The 1993 edition of the Standard Industrial Classification of All Economic Activities (SIC), Fifth Edition, Report No. 09-90-02, was used to classify the statistical units in the survey. The SIC is based on the 1990 International Standard Industrial Classification of All Economic Activities (ISIC) with suitable adaptations for local conditions. Each enterprise is classified to an industry which reflects the predominant activity. Statistics in this publication are presented at SIC group (five-digit) level.

#### Collection rate

The preliminary collection rate for the survey on electricity generated and available for distribution for October 2025 was 88,5%. The collection rate for September 2025 was 92,3%.

#### Statistical unit

7 The statistical unit for the collection of information is an enterprise, defined as a legal unit or a combination of legal units that includes and directly controls all functions necessary to carry out its production activities.

#### **Revised figures**

Revised figures are mainly due to late submission of data to Stats SA, or respondents reporting revisions or corrections to their figures. The reasons for routine revisions are outlined in the following schedule. Any unscheduled revisions will be promptly indicated in relevant tables to maintain transparency and accuracy. It is important to note that seasonally adjusted figures are revised monthly.

Statistical release	Reason for revision	Period subject to revision
Oct-25	Additional information from respondents	Sep-25
Nov-25	Additional information from respondents	Oct-25
Dec-25	Additional information from respondents	Nov-25
Jan-26	Additional information from respondents	Dec-25
Feb-26	Additional information from respondents	Jan-26
Mar-26	Additional information from respondents	Feb-26
Apr-26	Additional information from respondents	Mar-26
May-26	Additional information from respondents	Apr-26
Jun-26	Additional information from respondents	May-26
Jul-26	Additional information from respondents	Jun-26
Aug-26	Additional information from respondents	Jul-26
Sep-26	Additional information from respondents	Aug-26
New base year in 202	27/28 - periodic, approximately four- to five-y	vear intervals

#### Rounding-off of figures

Where figures have been rounded off, discrepancies may occur between sums of the component items and the totals.

#### Historical data

10 Historical electricity data are available on the Stats SA webpage. Click on the following link (Time series data) to access the data electronically.

#### Past publications

11 Past electricity releases are available on the Stats SA webpage. Click on the following link (Past publications) to access the releases electronically.

#### **Technical notes**

### Survey methodology and design

- All statistical units are stratified by type of economic activity according to the Standard Industrial Classification of All Economic Activities (SIC) and measure of size, where measure of size is the volume of electricity generated by the enterprise. All large enterprises (size group one) are completely enumerated. A sample is drawn from medium and small size enterprises by systematically selecting enterprises within each size category. An enterprise with a total generating capacity of less than 500 kilowatts is excluded from the sample.
- The survey is conducted by email and telephone. Information is collected from a sample of 24 enterprises. As from September 2013, the national electricity supplier provided additional data for independent power producers (IPPs) that were not in the original sample of 24 enterprises. As from January 2015, the national electricity supplier provided additional data from IPPs involved in electricity wheeling.

## Monthly index of electricity generated

3 The calculation of the monthly index of electricity generated is based on the volume of electricity units produced.

#### Benchmarking

The index of the volume of electricity generated should provide an accurate reflection of the trend of activities of the relevant industry. The level of activities, as measured by the monthly electricity survey, is based on information received from a sample of enterprises conducting activities concerned with the generation and/or distribution of electricity (excluding the distribution of purchased electric energy). These levels are weighted according to the original sample and designed to represent the population of enterprises conducting activities concerned with the generation and/or distribution of electricity.

#### Seasonal adjustment

Seasonally adjusted estimates are generated each month using the X-12 Seasonal Adjustment Program developed by the United States Census Bureau. Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effects of other influences on the series can be more clearly recognised. Seasonal adjustment does not aim to remove irregular or non-seasonal influences, which may be present in any particular month. Influences that are volatile or unsystematic can still make it difficult to interpret the movement of the series even after adjustment for seasonal variations. This means the month-to-month movements of seasonally adjusted estimates may not be reliable indicators of trend behaviour. The X12-ARIMA procedure for electricity generated and available for distribution is described in more detail on the Stats SA website:

Click to download Electricity seasonal adjustment February 2022.

#### Trend cycle

The trend is the long-term pattern or movement of a time series. The X-12-ARIMA Seasonal Adjustment Program is used for smoothing seasonally adjusted estimates to estimate the underlying trend cycle.

## Month-on-month percentage change

7 The month-on-month percentage change in a variable for any given month is the change between that month and the previous month, expressed as a percentage of the latter.

# Year-on-year percentage change

The year-on-year percentage change in a variable for any given period is the change between that period and the corresponding period of the previous year, expressed as a percentage of the latter.

Glossary

Electricity wheeling Electricity wheeling refers to the process of transporting electricity from a

generator to an end-user (customer) using an existing transmission or

distribution network.

Enterprise The enterprise is a legal entity or a combination of legal units that includes and

directly controls all functions necessary to carry out its production activities.

Independent power

producer

Industry

An independent power producer (IPP) is a private enterprise that generates electricity and sells it to the national electricity supplier or an end-user

(customer).

Index of the volume of electricity generated

A statistical measure of the change in the volume of electricity generated in a given period and the volume of electricity generated in the base period. The base period is 2019. The production in the base period is set at 100.

period is 2019. The production in the base period is set at 100.

An industry is made up of enterprises engaged in the same or similar kinds of economic activity. Industries are defined in the System of National Accounts (SNA) in the same way as in the Standard Industrial Classification of All Economic Activities (SIC), Fifth Edition, Report No. 09-90-02 of January 1993.

Inflow into SA Electricity flowing into South Africa as measured by the metering systems at the

South African borders.

Outflow from SA Electricity flowing from South Africa as measured by the metering systems at the

South African borders.

Unit of electricity

One gigawatt-hour of electricity is equal to one million kilowatt-hours. A kilowatt-

hour is the basic unit of electrical energy equal to one kilowatt of power supplied to or taken from an electric circuit steadily for one hour. One kilowatt-hour equals

one thousand watt-hours.

Symbols and GDP Gross domestic product

abbreviations GWh Gigawatt-hour

IPPs Independent Power Producers

ISIC International Standard Industrial Classification of All Economic

**Activities** 

SIC Standard Industrial Classification of All Economic Activities

SA South Africa

Stats SA Statistics South Africa

Revised figures

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#### General information

Stats SA publishes approximately 300 different statistical releases each year. It is not economically viable to produce them in more than one of South Africa's 12 official languages. Since the releases are used extensively locally and by international economic and social-scientific communities, Stats SA releases are published in English.

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Natal Society Library, Pietermaritzburg
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Stats SA also provides a subscription service.

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