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## **STATISTICAL RELEASE**

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# Electricity generated and available for distribution (Preliminary)

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

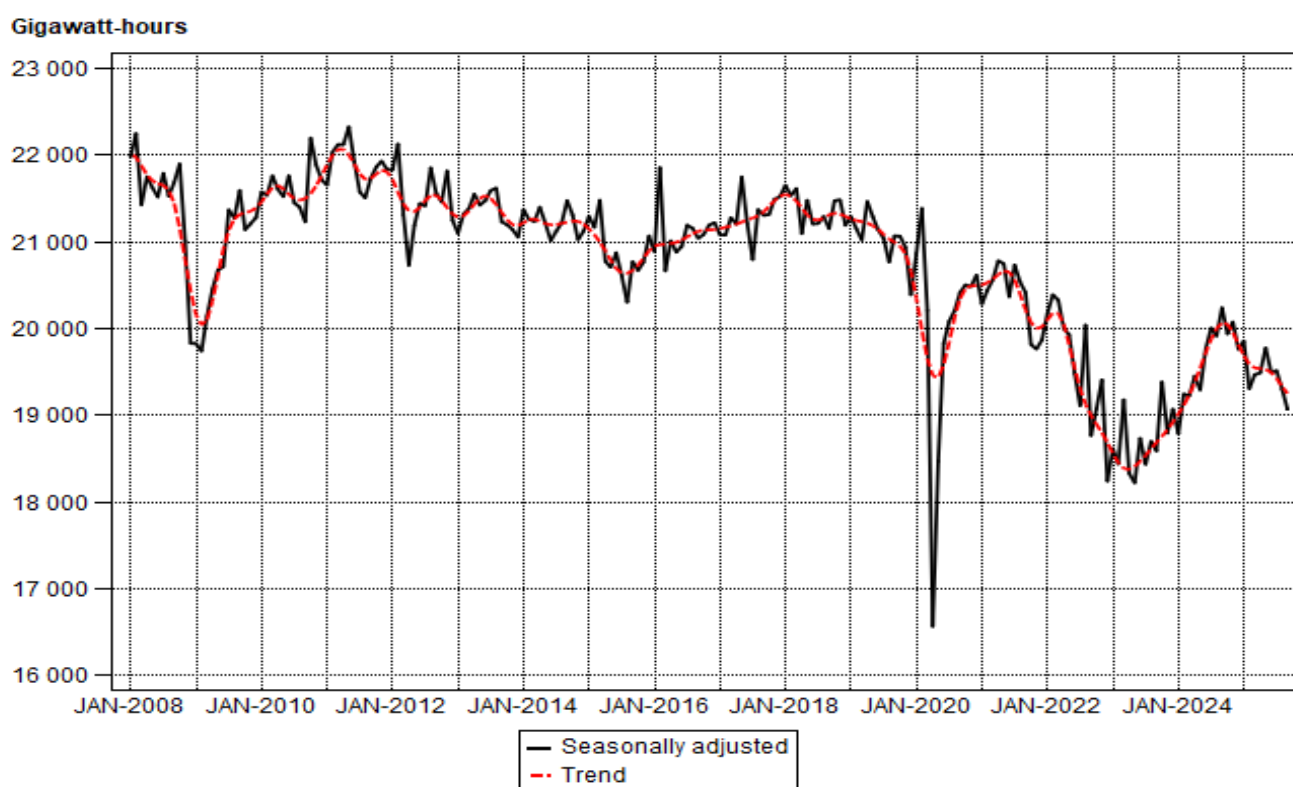
**Table A – Key growth rates in the volume of electricity generated**

	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25
Year-on-year % change, unadjusted	0,1	2,4	-1,3	-2,3	-3,1	-5,7
Month-on-month % change, seasonally adjusted	0,1	1,4	-1,4	0,1	-1,1	-1,2
3-month % change, seasonally adjusted <sup>1</sup>	-2,4	-0,3	0,2	0,9	-0,7	-1,5

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

Electricity generation (production) decreased by 5,7% year-on-year in September 2025. Seasonally adjusted electricity generation decreased by 1,2% in September 2025 compared with August 2025, following month-on-month changes of -1,1% in August 2025 and 0,1% in July 2025. Seasonally adjusted electricity generation decreased by 1,5% in the third quarter of 2025 compared with the second quarter of 2025.

**Figure 1 – Electricity generated in South Africa**



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

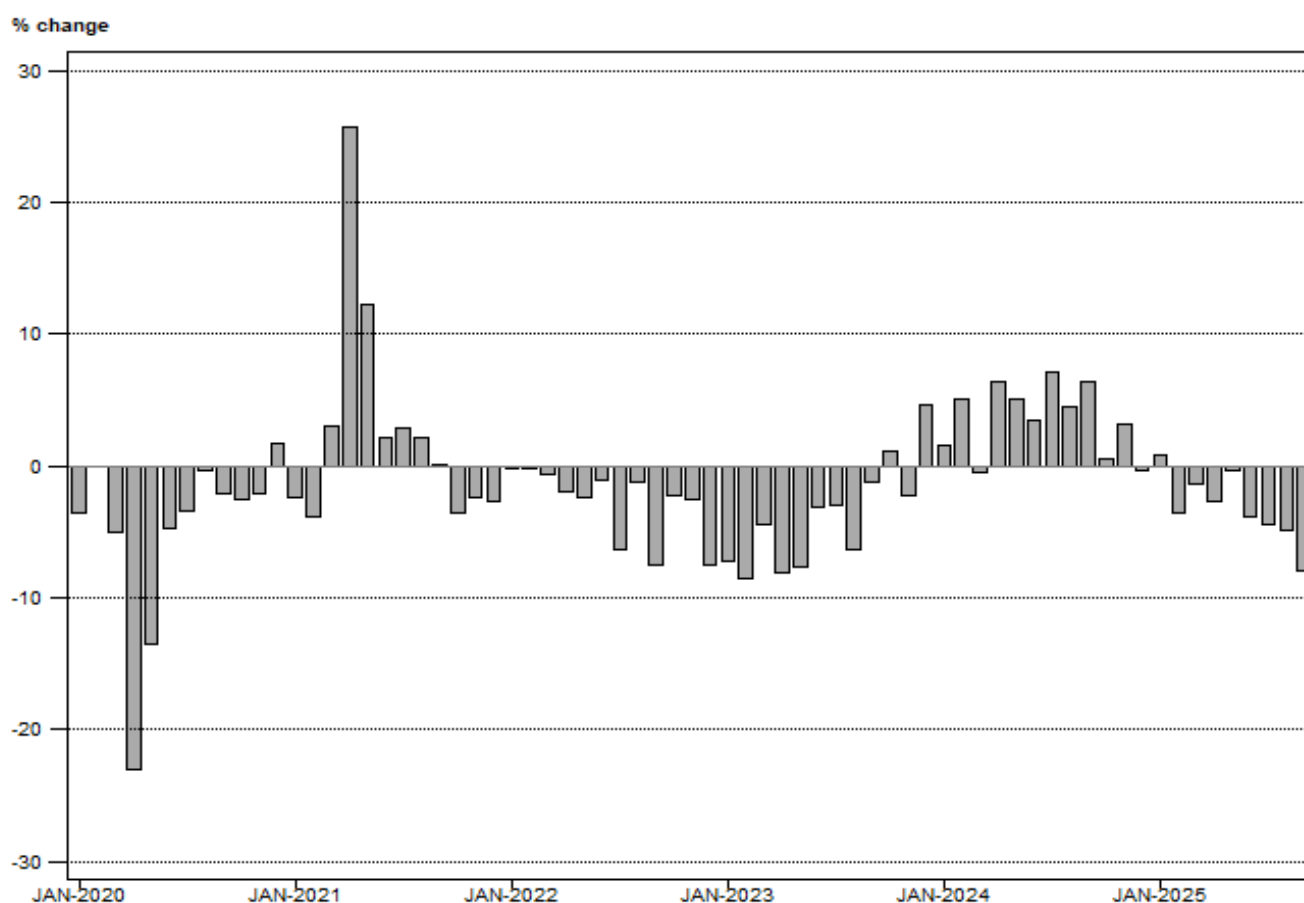
**Table B – Key growth rates in the volume of electricity distributed**

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

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

Electricity distribution (consumption) decreased by 7,9% year-on-year in September 2025. Seasonally adjusted electricity distribution decreased by 2,5% month-on-month in September 2025, following month-on-month changes of -1,1% in August 2025 and 0,6% in July 2025. Seasonally adjusted electricity distribution decreased by 2,2% in the third quarter of 2025 compared with the second quarter of 2025.

**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	
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	
<b>Total</b>	<b>100,0</b>	<b>94,8</b>	<b>96,7</b>	<b>93,0</b>	<b>88,9</b>	<b>93,3</b>	

**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		
Nov	-2,5	-3,6	-2,0	-3,0	6,9		
Dec	1,1	-3,7	-8,3	4,4	3,6		
<b>Total</b>	<b>-5,2</b>	<b>2,0</b>	<b>-3,8</b>	<b>-4,4</b>	<b>4,9</b>		

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

Month	Base: 2019=100				Month-on-month % change			
	2022	2023	2024	2025	2022	2023	2024	2025
Jan	95,8	88,4	89,2	94,3	1,5	2,1	-1,5	0,4
Feb	96,9	87,6	91,4	91,7	1,1	-0,9	2,5	-2,8
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	93,9	92,6	-2,3	2,9	2,5	-1,4
Jul	90,8	87,6	95,0	92,7	-1,8	-1,6	1,2	0,1
Aug	95,2	88,8	94,6	91,7	4,8	1,4	-0,4	-1,1
Sep	89,1	88,3	96,1	90,6	-6,4	-0,6	1,6	-1,2
Oct	90,6	92,1	94,7		1,7	4,3	-1,5	
Nov	92,2	89,3	95,4		1,8	-3,0	0,7	
Dec	86,6	90,6	93,9		-6,1	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	
Nov	18 162	17 726	17 291	16 897	17 426	
Dec	17 985	17 504	16 183	16 934	16 871	
<b>Total</b>	<b>216 098</b>	<b>221 120</b>	<b>214 891</b>	<b>206 341</b>	<b>213 567</b>	

**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	0,8	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		
Nov	-2,4	-2,5	-2,3	3,1		
Dec	-2,7	-7,5	4,6	-0,4		
<b>Total</b>	<b>2,3</b>	<b>-2,8</b>	<b>-4,0</b>	<b>3,5</b>		

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

Month	Gigawatt-hours				Month-on-month % change			
	2022	2023	2024	2025	2022	2023	2024	2025
Jan	18 506	17 189	17 460	17 630	1,7	2,2	-0,9	0,2
Feb	18 451	16 823	17 693	17 124	-0,3	-2,1	1,3	-2,9
Mar	18 471	17 641	17 553	17 319	0,1	4,9	-0,8	1,1
Apr	18 224	16 742	17 830	17 373	-1,3	-5,1	1,6	0,3
May	18 220	16 835	17 678	17 621	0,0	0,6	-0,9	1,4
Jun	17 891	17 302	17 878	17 180	-1,8	2,8	1,1	-2,5
Jul	17 528	16 982	18 132	17 277	-2,0	-1,8	1,4	0,6
Aug	18 460	17 248	17 973	17 082	5,3	1,6	-0,9	-1,1
Sep	17 159	16 971	18 074	16 658	-7,0	-1,6	0,6	-2,5
Oct	17 540	17 719	17 808		2,2	4,4	-1,5	
Nov	17 670	17 244	17 773		0,7	-2,7	-0,2	
Dec	16 823	17 625	17 602		-4,8	2,2	-1,0	

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

	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Sep-25 year-on- year % change
<b>Total - all producers</b>						
Generated	20 394	20 571	21 076	20 253	18 796	-5,7
Inflow into South Africa	630	524	543	529	333	-47,0
Consumed in power stations and auxiliary systems	1 581	1 680	1 597	1 585	1 512	-1,8
Outflow from South Africa	1 181	1 244	1 339	1 324	1 286	-1,6
Distributed in South Africa	18 262	18 172	18 684	17 872	16 331	-7,9
<b>National electricity supplier</b>						
Generated	17 829	17 962	18 260	17 517	16 262	-5,9
Inflow into South Africa	630	524	543	529	333	-47,0
Consumed in power stations and auxiliary systems	1 497	1 594	1 492	1 489	1 437	-1,2
Outflow from South Africa	1 181	1 244	1 339	1 324	1 286	-1,6
Distributed in South Africa	15 781	15 649	15 973	15 234	13 872	-8,4

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

	Jan – Sep 2024 (GWh)	Jan – Sep 2025 (GWh)	% change between Jan – Sep 2024 and Jan – Sep 2025	Difference between Jan – Sep 2024 and Jan – Sep 2025 (GWh)
<b>Total - all producers</b>				
Generated	176 711	175 941	-0,4	-770
Inflow into South Africa	7 717	4 916	-36,3	-2 801
Consumed in power stations and auxiliary systems	14 091	13 792	-2,1	-299
Outflow from South Africa	9 163	11 011	20,2	1 848
Distributed in South Africa	161 176	156 054	-3,2	-5 122
<b>National electricity supplier</b>				
Generated	153 386	153 705	0,2	319
Inflow into South Africa	7 717	4 916	-36,3	-2 801
Consumed in power stations and auxiliary systems	13 222	13 054	-1,3	-168
Outflow from South Africa	9 163	11 011	20,2	1 848
Distributed in South Africa	138 718	134 558	-3,0	-4 160

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

Province	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Sep-25 year-on- year % change
Western Cape	1 693	1 728	1 780	1 704	1 530	-3,8
Eastern Cape	750	767	817	784	717	-6,3
Northern Cape	469	495	508	486	452	-8,9
Free State	926	929	923	933	807	-5,5
KwaZulu-Natal	3 324	3 222	3 376	3 260	3 125	-3,4
North West	1 654	1 511	1 479	1 437	1 358	-23,7
Gauteng	4 846	5 109	5 331	4 917	4 270	-4,4
Mpumalanga	2 595	2 535	2 583	2 499	2 306	-6,9
Limpopo	1 643	1 526	1 506	1 458	1 383	-19,8
<b>Total</b>	<b>17 901</b>	<b>17 823</b>	<b>18 301</b>	<b>17 481</b>	<b>15 949</b>	<b>-8,3</b>

## 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.
  - 2 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**
- 4 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**
- 5 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**
- 6 The preliminary collection rate for the survey on electricity generated and available for distribution for September 2025 was 92,3%. The revised collection rate for August 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**
- 8 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
Sep-25	Additional information from respondents	Aug-25
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
New base year in 2027/28 - periodic, approximately four- to five-year intervals		

- Rounding-off of figures**
- 9 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** 1 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.
- 2 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** 4 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** 5 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** 6 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** 8 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

<b>Electricity wheeling</b>	Electricity wheeling refers to the process of transporting electricity from a generator to an end-user (customer) using an existing transmission or distribution network.	
<b>Enterprise</b>	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.	
<b>Independent power producer</b>	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).	
<b>Index of the volume of electricity generated</b>	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.	
<b>Industry</b>	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 <i>Standard Industrial Classification of All Economic Activities</i> (SIC), Fifth Edition, Report No. 09-90-02 of January 1993.	
<b>Inflow into SA</b>	Electricity flowing into South Africa as measured by the metering systems at the South African borders.	
<b>Outflow from SA</b>	Electricity flowing from South Africa as measured by the metering systems at the South African borders.	
<b>Unit of electricity</b>	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.	
<b>Symbols and abbreviations</b>	GDP	Gross domestic product
	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

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