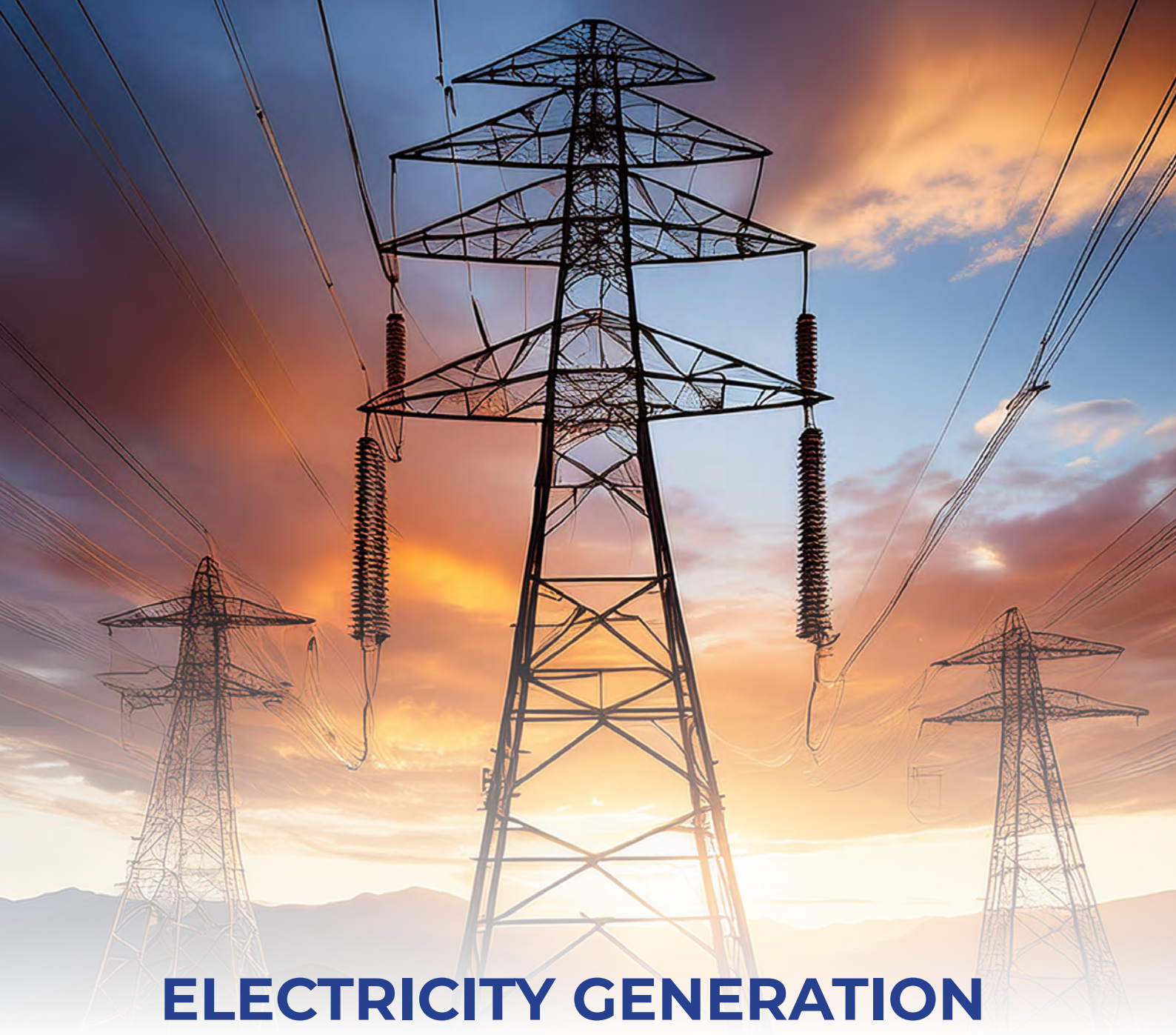

ELECTRICITY GENERATION AND DISTRIBUTION

STATS BRIEF, SECOND QUARTER 2025

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PREFACE

Statistics Botswana compiles data on industrial production in Botswana, hence electricity indices in this report are only confined to electricity generated locally. However, importation and distribution volumes, and their percentage changes are included as well. This indicates Botswana's progress over time, towards generating adequate electricity to meet her demand. The data used in this brief is sourced from the Botswana Power Corporation.

This statistical brief is intended to apprise on Electricity Generation, Importation and Distribution by presenting Monthly, Quarterly and Yearly Volumes as well as Indices for Electricity Generation in Botswana. Also included are Year-on-Year and Quarter-on-Quarter percentage changes in Indices of Electricity Generation from 2014 to the second quarter of 2025. In subsequent sections of this report, emphasis is on the Year-on-Year and Quarter-on-Quarter percentage changes in the physical volume of electricity generation, importation and distribution. The base year for the indices is 2013.

During the second quarter of 2025, the Index of Electricity Generation (IEG) stood at 151.1, representing a year-on-year decrease of 20.6 percent from 190.2 recorded in the same quarter of 2024. On a quarterly basis, the index increased by 21.7 percent, from 124.2 during the first quarter of 2025 to 151.1 during the current quarter.

For more information, contact the Directorate of Stakeholder Relations at 3671300. All Statistics Botswana outputs/publications are available on the website at www.statsbots.org.bw and also at Statistics Botswana Information Resource Centre (Head-Office, Gaborone).

I sincerely thank all stakeholders involved in the formulation of this brief for their continued support, as we strive to better serve users of our products and services.

.....

Dr. Lucky Mokgatlhe
Acting Statistician General
September 2025

1.0 Summary of Findings of the Index of Electricity Generation (IEG)

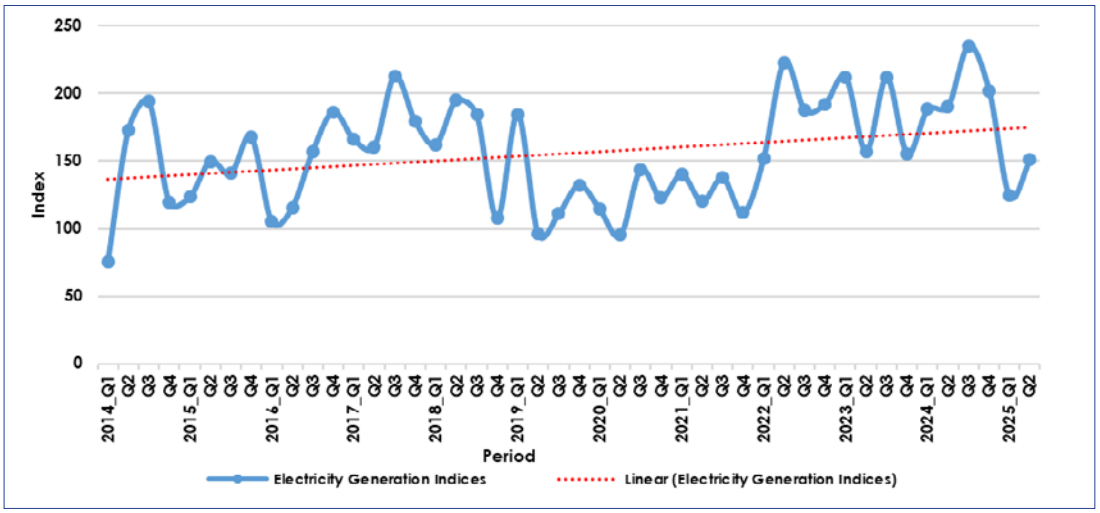
All figures in this report are not seasonally adjusted.

The Index of Electricity Generation (IEG) stood at **151.1** in the second quarter of 2025 marking a decline of 20.6 percent compared to **190.2** recorded during the same quarter of 2024. A quarter-on-quarter analysis shows an increase of **21.7** percent, from the index of **124.2** during the first quarter of 2025.

A comprehensive overview of key electricity generation indicators covering the period from the first quarter of 2014 to the second quarter of 2025 is presented in **Table 1**.

Figure 1 presents the trend of the Index of Electricity Generation from the first quarter of 2014 to the second quarter of 2025. This trend indicates that despite fluctuations, local generation capacity is steadily increasing and continues to underpin Botswana's electricity supply.

Figure 1: Index of Electricity Generation (MWH): 2014 First Quarter to 2025 Second Quarter



1.1 Electricity Generation

This Sub-Section discusses the sources of electricity generation as presented in **Table 2**. The physical volume of electricity generated locally is presented in **Table 3**, which forms the basis for the computation of indices of electricity generation in **Table 4**. The Year-on-Year and Quarter-on-Quarter percentage changes in the physical volume of electricity generated are presented in **Table 5** and **Table 6**, covering 2014 to the second quarter of 2025.

The physical volume of generated electricity decreased by **20.6 percent** (164,328 MWH), from 799,523 MWH during the second quarter of 2024 to 635,194 MWH during the quarter under review.

From a quarter-on-quarter perspective, local electricity generation increased by 21.7 percent (113,163 MWH), from 522,031 MWH during the first quarter of 2025 to 635,194 MWH during the period under review. This increase was primarily due to improved efficiency at the Morupule A and B power stations.

During the quarter under review, the Morupule A and B power stations accounted for a substantial 94.2 percent (598,417 MWH) of the total electricity generated, showcasing their vital role in meeting the country's energy needs (**Table 2**). Additionally, the Orapa and Matshelagabedi emergency power plants provided a modest contribution of 1.0 percent (6,632 MWH) to the national grid. Solar power stations contributed 4.7% (30,145 MWH) of local electricity generation, reflecting the country's growing emphasis on renewable energy. The connection of the Bobonong, Phakalane, Shakawe, and Mmadinare solar plants to the national grid underscores the commitment to diversifying electricity sources.

1.2 Imported Electricity

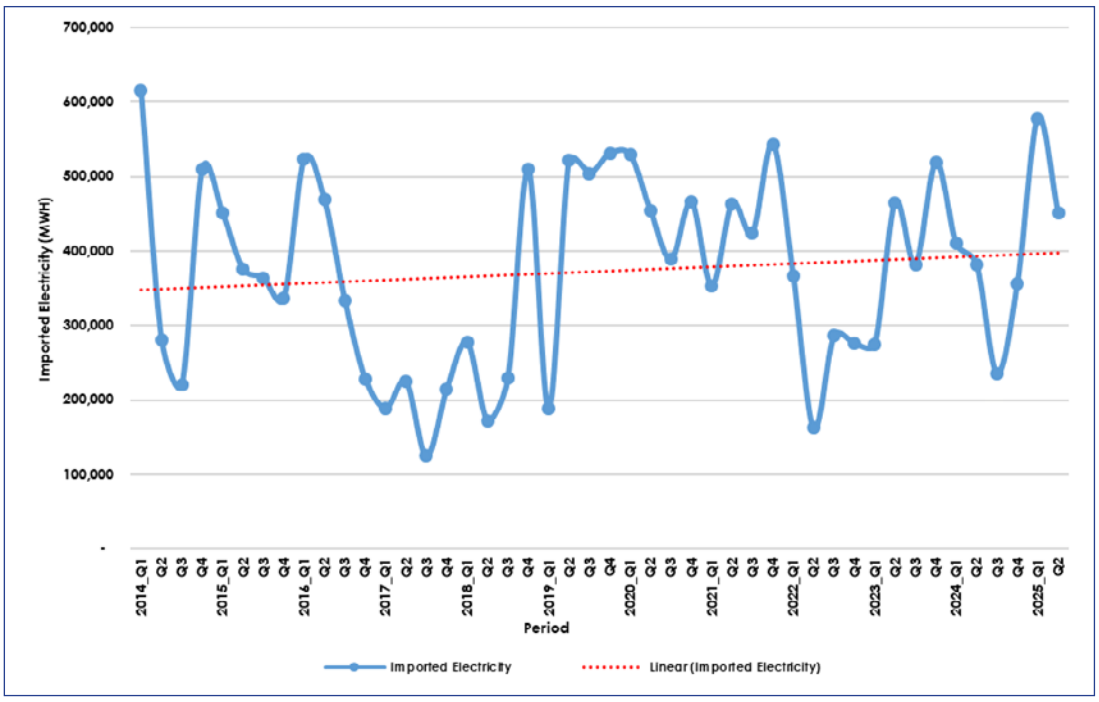
The discussions in this section are based on **Table 7**, **8**, **9** and **10** as well as **Figures 2** and **3**.

During the second quarter of 2025, the physical volume of imported electricity increased by 18.3 percent (69,990 MWH), from 381,764 MWH during the second quarter of 2024 to 451,754 MWH.

Imported electricity decreased by 21.8 percent (125,712 MWH) during the second quarter of 2025 compared to the previous quarter, from 577,466 MWH to 451,754 MWH.

Figure 2 shows the trend in the physical volume of imported electricity from the first quarter of 2014 to the second quarter of 2025. Notwithstanding the fluctuations, the upward trend indicates a continued reliance on imported electricity to augment local shortfalls.

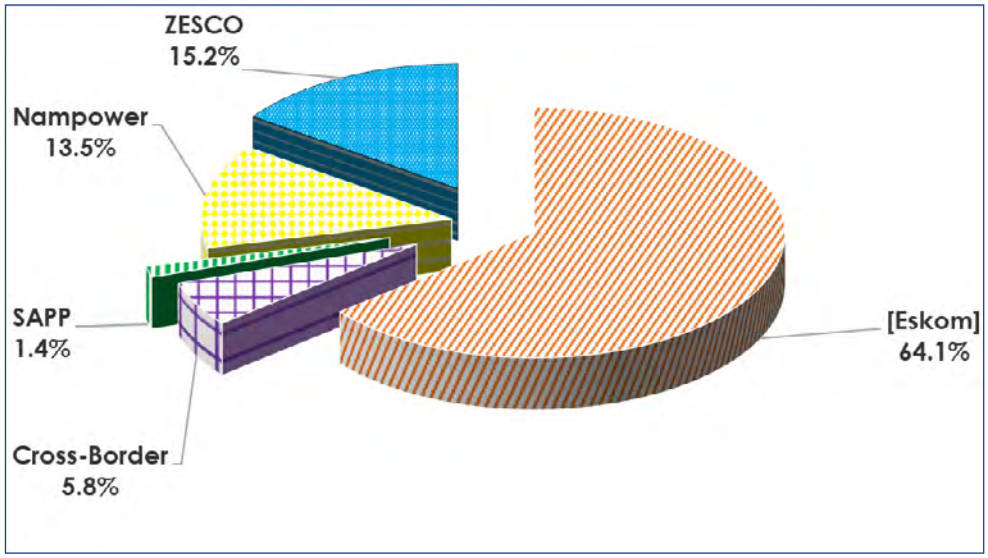
Figure 2: Physical Volume of Imported Electricity (MWH): 2014 First Quarter to 2025 Second Quarter



As illustrated in **Figure 3**, Eskom was the principal source of imported electricity, accounting for 64.1 percent (289,475 MWH) of total imports. The Zambia Electricity Supply Corporation contributed 15.2 percent (68,763 MWH), while Nampower and Cross-border electricity markets supplied 13.5 percent (60,665 MWH) and 5.8 percent (26,321 MWH) respectively. The Southern African Power Pool accounted for a marginal 1.4 percent (6,531 MWH). Cross-border electricity markets refer to an arrangement whereby towns and villages situated along the national borders receive electricity directly from neighbouring countries such as Namibia and Zambia.

This pattern underscores Botswana's ongoing reliance on a few major regional suppliers, highlighting the need to strengthen domestic generation capacity and diversify supply sources to enhance national energy security and resilience.

Figure 3: Imported Electricity by Source: Second Quarter 2025



1.3 Distribution of Electricity

This section combines the local generation and imported electricity to come up with electricity that is available for distribution in Botswana. This does not take into account electricity used for auxiliary services, pumping, network losses as well as the production of electricity through incineration of waste. The computation of electricity distribution is guided by the International Recommendations for Industrial Statistics (**IRIS**) **2008**. Tables **11**, **12**, **13** and **14** form the basis for discussion under this subsection.

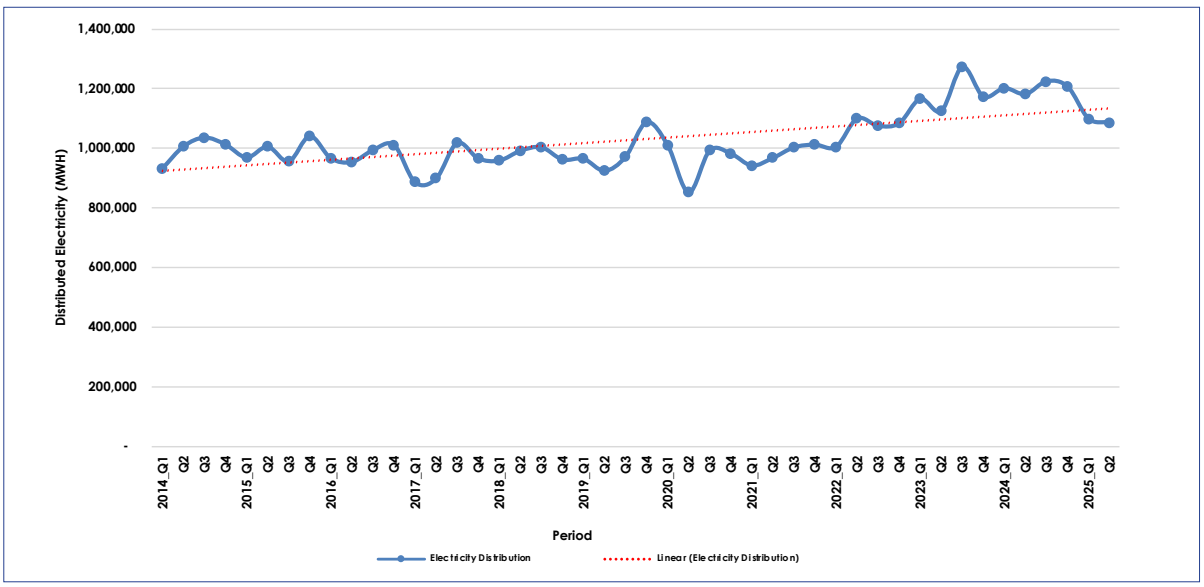
Table 11 shows the physical volume of electricity distributed from 2014 to the second quarter of 2025, while annual percentage changes and quarter-on-quarter percentage changes for the same period are presented in **Table 12** and **13** respectively. These tables can also be used as guidance as to whether electricity distributed is improving over time.

The year-on-year comparison shows that distributed electricity decreased by 8.0 percent (94,338 MHW), from 1,181,287 MWH during the second quarter of 2024 to 1,086,949 MWH during the current quarter.

From a quarter-on-quarter perspective, distributed electricity shows a decrease of 1.1 percent (12,548 MWH), from 1,099,497 MWH during the first quarter of 2025 to 1,086,949 MWH during the quarter under review.

Figure 4 shows that there has been a gradual increase of distributed electricity from the first quarter of 2014 to the second quarter of 2025, in spite of the fluctuations.

Figure 4: Physical Volume of Distributed Electricity (MWH): 2014 First Quarter to 2025 Second Quarter



1.3.1 Contribution of Electricity Generation to Distribution

The percentage of electricity generated relative to electricity distributed is crucial for determining if local generation is gradually decreasing reliance on imported electricity. This information is displayed in **Table 14**.

It can be observed from **Table 14** that electricity generated locally contributed 58.4 percent to electricity distributed during the second quarter of 2025, compared to a contribution of 67.7 percent during the same quarter in 2024. This gives a decrease of 9.2 percentage points.

The quarter-on-quarter comparison shows that the contribution of electricity generated to electricity distributed increased by 11.0 percentage points, from 47.5 percent during the first quarter of 2025 to 58.4 percent during the quarter under review.

2.0 Technical Notes

2.1 Background

The generation of electricity in Botswana started in 1985 with a coal fired thermal power station at Morupule operating at a capacity of 132 MWH. Prior to this period, most of Botswana's electricity was imported from South Africa's power utility, Eskom. In 2008 South Africa's electricity demand started to exceed its supply, resulting in the South African government restricting power exports. As a result, Botswana and the entire Southern African region experienced massive power shortages because of the reduced electricity imports from South Africa (http://en.wikipedia.org/wiki/Energy_in_Botswana).

To avert the situation, Botswana Government opted for alternative ways of sourcing electricity for the country; hence the plan to increase local generation of electricity at Morupule Power Station. The Morupule Power A plant of capacity 132 MWH was augmented with the construction of Morupule Power B plant having production capacity of 600 MWH (BPC Annual Report, 2010).

2.2 Concepts and formula of the Index of Electricity Generation, Importation and Distribution

The Index of Electricity Generation is a Laspeyres index. The weighted average for electricity generation equals one because there are no various electricity products. The index is thus calculated using the formula;

$$I = \frac{\sum R_i * W_i}{\sum W_i}$$

Where;

I is the index
R is the electricity generation relative
W is the weight

The electricity generation relative for the quarter has been calculated by using the formula:

$$R_i = \frac{P_{ic}}{P_{i0}} * 100$$

Where P_c is the electricity generation of the current quarter and P_o is the generation of electricity of the base year.

The calculation of the monthly generation indices is based on the volume of electricity units produced.

2.3 Base Year

The base year, also referred to as **reference period** used in this brief is 2013, which is set at 100. The selection of the reference period was informed by the availability of relevant data and synchronization of data with other sectors within the industry.

Appendix

Appendix 1

Table 1: Selected Key Indicators of Electricity Generation (2014 Q1 to 2025 Q2)

Period	Index of the Physical Volume of Electricity Generation	Year-on-Year Percentage Change	Quarter-on-Quarter Percentage Change
2014_Q1	75.5	13.4	(26.2)
Q2	172.6	95.1	128.6
Q3	194.2	36.1	12.6
Q4	119.6	16.9	(38.4)
2015_Q1	123.4	63.5	3.2
Q2	149.9	(13.2)	21.4
Q3	140.8	(27.5)	(6.0)
Q4	167.8	40.2	19.1
2016_Q1	105.5	(14.5)	(37.1)
Q2	115.7	(22.8)	9.6
Q3	157.3	11.7	36.0
Q4	186.3	11.0	18.4
2017_Q1	166.1	57.4	(10.8)
Q2	160.6	38.8	(3.4)
Q3	212.6	35.2	32.4
Q4	179.1	(3.9)	(15.8)
2018_Q1	162.3	(2.3)	(9.4)
Q2	195.0	21.4	20.1
Q3	184.3	13.3	(5.5)
Q4	107.7	(39.8)	(41.5)
2019_Q1	184.8	13.8	71.5
Q2	96.0	(50.8)	(48.0)
Q3	111.3	(39.6)	16.0
Q4	132.4	22.9	18.9
2020_Q1	114.7	(37.9)	(13.4)
Q2	95.1	(0.9)	(17.1)
Q3	143.8	29.2	51.2
Q4	123.1	(7.0)	(14.4)
2021_Q1	140.3	22.4	14.0
Q2	120.2	26.4	(14.3)
Q3	137.7	(4.2)	14.6
Q4	111.7	(9.3)	(18.9)
2022_Q1	151.9	8.2	36.0
Q2	223.0	85.5	46.8
Q3	187.8	36.3	(15.8)
Q4	192.2	72.1	2.4
2023_Q1	211.9	39.5	10.2
Q2	157.1	(29.6)	(25.9)
Q3	211.6	12.7	34.7
Q4	155.6	(19.0)	(26.4)
2024_Q1	188.2	(11.2)	20.9
Q2	190.2	21.1	1.0
Q3	235.1	11.1	23.6
Q4	202.2	29.9	(14.0)
2025_Q1	124.2	(34.0)	(38.6)
Q2	151.1	(20.6)	21.7

Note: 1. () Indicates negative figures

Table 2: Electricity Generation by Source in MWH: Second Quarter 2025

Source	MWH	%
Coal	598,417	94.2
Diesel	6,632	1.0
Solar	30,145	4.7
Total	635,194	100.0

Table 3: Physical Volume of Electricity Generation MWH (January 2014 – June 2025)

Period	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025*
January	137,802	158,907	206,381	245,598	209,333	272,140	148,376	199,148	184,143	367,804	266,405	221,339
February	77,067	180,520	127,975	216,264	227,955	235,908	187,925	186,121	211,054	259,631	260,028	144,013
March	102,377	179,400	109,272	236,589	245,092	268,605	145,683	204,630	243,304	263,219	264,834	156,679
April	151,675	195,568	112,765	195,703	210,965	163,206	102,898	118,600	288,019	207,830	231,730	181,671
May	252,235	206,905	179,837	205,705	310,500	125,266	98,692	185,311	289,714	246,940	364,108	252,276
June	321,453	227,503	193,586	273,639	298,291	115,104	198,314	201,403	359,864	205,579	203,684	201,247
July	318,627	240,314	213,841	311,655	293,739	125,091	217,448	186,631	287,915	269,847	339,700	-
August	296,036	177,052	219,402	315,552	289,885	152,822	199,437	196,681	215,433	306,626	346,905	-
September	201,802	174,617	228,002	266,623	191,199	190,061	187,763	195,723	286,006	313,061	301,698	-
October	71,243	301,913	299,945	234,090	73,018	195,637	158,411	189,669	283,971	246,071	375,327	-
November	244,723	213,798	213,303	296,547	121,910	208,940	176,030	129,005	220,271	158,903	249,849	-
December	186,915	189,490	269,893	222,240	258,009	151,998	183,186	150,676	303,701	249,337	224,670	-
Q1	317,245	518,828	443,628	698,451	682,380	776,653	481,984	589,899	638,501	890,655	791,267	522,031
Q2	725,363	629,976	486,188	675,047	819,755	403,576	399,903	505,313	937,597	660,349	799,523	635,194
Q3	816,465	591,983	661,245	893,831	774,822	467,974	604,647	579,036	789,354	889,535	988,303	-
Q4	502,881	705,201	783,141	752,877	452,938	556,576	517,627	469,349	807,943	654,312	849,846	-
TOTAL	2,361,954	2,445,988	2,374,202	3,020,206	2,729,895	2,204,779	2,004,162	2,143,597	3,173,396	3,094,850	3,428,939	1,157,225

Note:

1. – Indicates data is not available

2. 2025 Data is up to the second quarter only*

Table 4: Indices of Physical Volume of Electricity Generation (January 2014 – June 2025)

Period	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025*
Jan	98.3	113.4	147.3	175.3	149.4	194.2	105.9	142.1	131.4	262.5	190.1	158.0
Feb	55.0	128.8	91.3	154.3	162.7	168.4	134.1	132.8	150.6	185.3	185.6	102.8
March	73.1	128.0	78.0	168.8	174.9	191.7	104.0	146.0	173.6	187.8	189.0	111.8
April	108.2	139.6	80.5	139.7	150.6	116.5	73.4	84.6	205.5	148.3	165.4	129.6
May	180.0	147.7	128.3	146.8	221.6	89.4	70.4	132.2	206.8	176.2	259.8	180.0
June	229.4	162.4	138.2	195.3	212.9	82.1	141.5	143.7	256.8	146.7	145.4	143.6
July	227.4	171.5	152.6	222.4	209.6	89.3	155.2	133.2	205.5	192.6	242.4	-
August	211.3	126.4	156.6	225.2	206.9	109.1	142.3	140.4	153.7	218.8	247.6	-
September	144.0	124.6	162.7	190.3	136.4	135.6	134.0	139.7	204.1	223.4	215.3	-
October	50.8	215.5	214.1	167.1	52.1	139.6	113.1	135.4	202.7	175.6	267.9	-
November	174.6	152.6	152.2	211.6	87.0	149.1	125.6	92.1	157.2	113.4	178.3	-
December	133.4	135.2	192.6	158.6	184.1	108.5	130.7	107.5	216.7	177.9	160.3	-
Q1	75.5	123.4	105.5	166.1	162.3	184.8	114.7	140.3	151.9	211.9	188.2	124.2
Q2	172.6	149.9	115.7	160.6	195.0	96.0	95.1	120.2	223.0	157.1	190.2	151.1
Q3	194.2	140.8	157.3	212.6	184.3	111.3	143.8	137.7	187.8	211.6	235.1	-
Q4	119.6	167.8	186.3	179.1	107.7	132.4	123.1	111.7	192.2	155.6	202.2	-
TOTAL	140.5	145.5	141.2	179.6	162.3	131.1	119.2	111.7	188.7	184.1	203.9	68.8

Note:

1. – Indicates data is not available

2. 2025 Data is up to the second quarter only*

Table 5: Annual Percentage Changes in the Indices of the Physical Volume of Electricity Generation (January 2014 – June 2025)

Period	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025*
Jan	24.2	15.3	29.9	19.0	(14.8)	30.0	(45.5)	34.2	(7.5)	99.7	(27.6)	(16.9)
Feb	(4.2)	134.2	(29.1)	69.0	5.4	3.5	(20.3)	(1.0)	13.4	23.0	0.2	(44.6)
March	15.9	75.2	(39.1)	116.5	3.6	9.6	(45.8)	40.5	18.9	8.2	0.6	(40.8)
April	61.3	28.9	(42.3)	73.5	7.8	(22.6)	(37.0)	15.3	142.8	(27.8)	11.5	(21.6)
May	79.6	(18.0)	(13.1)	14.4	50.9	(59.7)	(21.2)	87.8	56.3	(14.8)	47.4	(30.7)
June	133.9	(29.2)	(14.9)	41.4	9.0	(61.4)	72.3	1.6	78.7	(42.9)	(0.9)	(1.2)
July	101.5	(24.6)	(11.0)	45.7	(5.7)	(57.4)	73.8	(14.2)	54.3	(6.3)	25.9	-
August	32.5	(40.2)	23.9	43.8	(8.1)	(47.3)	30.5	(1.4)	9.5	42.3	13.1	-
September	(7.5)	(13.5)	30.6	16.9	(28.3)	(0.6)	(1.2)	4.2	46.1	9.5	(3.6)	-
October	121.4	323.8	(0.7)	(22.0)	(68.8)	167.9	(19.0)	19.7	49.7	(13.3)	52.5	-
November	20.4	(12.6)	(0.2)	39.0	(58.9)	71.4	(15.8)	(26.7)	70.7	(27.9)	57.2	-
December	(4.0)	1.4	42.4	(17.7)	16.1	(41.1)	20.5	(17.7)	101.6	(17.9)	(9.9)	-
Q1	13.4	63.5	(14.5)	57.4	(2.3)	13.8	(37.9)	22.4	8.2	39.5	(11.2)	(34.0)
Q2	95.1	(13.2)	(22.8)	38.8	21.4	(50.8)	(0.9)	26.4	85.5	(29.6)	21.1	(20.6)
Q3	36.1	(27.5)	11.7	35.2	(13.3)	(39.6)	29.2	(4.2)	36.3	12.7	11.1	-
Q4	16.9	40.2	11.1	(3.9)	(39.8)	22.9	(7.0)	(9.3)	72.1	(19.0)	29.9	-
TOTAL	40.5	3.6	(2.9)	27.2	(9.6)	(19.2)	(9.1)	7.0	48.0	(2.5)	10.8	(66.3)

Note:

1. ( ) Denotes negative numbers
2. – Indicates data is not available
3. 2025 Data is up to the second quarter only*

Table 6: Quarter-on-Quarter Percentage Changes in the Physical Volume of Electricity Generation (2014 Q1– 2025 Q2)

Period	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025*
Q1	(26.2)	3.2	(37.1)	(10.8)	(9.4)	71.5	(13.4)	14.0	36.0	10.2	20.9	(38.6)
Q2	128.6	21.4	9.6	(3.4)	20.1	(48.0)	(17.1)	(14.3)	46.8	(25.9)	1.0	21.7
Q3	12.6	(6.0)	36.0	32.4	(5.5)	16.0	51.2	14.6	(15.8)	34.7	23.6	-
Q4	(38.4)	19.1	18.4	(15.8)	(41.5)	18.9	(14.4)	(18.9)	2.4	(26.4)	(14.0)	-

Note:

1. ( ) Denotes negative numbers
2. – Indicates data is not available
3. 2025 Data is up to the second quarter only*

Table 7: Physical Volume of Imported Electricity in MWH (January 2014 – June 2025)

Period	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025*
Jan	192,251	184,564	140,172	57,679	124,148	54,922	196,457	126,434	152,485	76,432	124,511	152,601
Feb	216,031	113,430	166,303	56,951	77,257	66,228	138,489	102,376	108,678	80,478	136,622	208,211
March	207,923	153,098	217,261	74,422	75,865	67,915	194,406	124,438	105,838	118,068	148,887	216,654
April	162,767	129,605	196,075	88,783	94,226	139,549	156,520	191,548	58,052	144,748	135,694	159,573
May	85,246	129,487	138,677	92,379	39,052	188,760	174,404	140,355	64,953	133,729	73,046	115,372
June	33,474	117,155	134,100	43,156	39,179	193,713	122,808	131,268	39,335	186,126	173,024	176,809
July	39,365	99,695	110,932	34,746	55,772	196,021	123,768	141,798	77,504	190,170	85,150	-
August	48,497	132,541	119,340	35,332	45,131	187,294	132,273	148,437	142,420	103,433	72,407	-
September	132,060	132,191	103,083	54,534	128,524	120,800	132,864	134,468	66,247	88,823	78,518	-
October	266,785	59,516	57,653	83,734	249,015	174,433	172,022	141,936	75,549	171,947	56,623	-
November	96,415	115,763	116,517	36,094	200,025	159,650	146,901	216,497	119,504	207,469	141,422	-
December	147,112	160,652	54,373	94,307	61,258	196,953	146,777	184,984	81,205	139,253	158,636	-
Q1	616,206	451,092	523,736	189,052	277,270	189,065	529,352	353,248	367,001	274,978	410,020	577,466
Q2	281,487	376,248	468,852	224,318	172,457	522,021	453,733	463,171	162,340	464,603	381,764	451,754
Q3	219,922	364,427	333,355	124,612	229,427	504,115	388,905	424,703	286,171	382,426	236,075	-
Q4	510,311	335,931	228,543	214,135	510,298	531,036	465,701	543,417	276,257	518,669	356,682	-
TOTAL	1,627,926	1,527,697	1,554,486	752,117	1,189,452	1,746,238	1,837,690	1,784,538	1,091,768	1,640,677	1,384,541	1,029,220

Note:

1. – Indicates data is not available
2. 2025 Data is up to the second quarter only*

Table 8: Annual Percentage Changes in the Physical Volume of Imported Electricity (January 2014 – June 2025)

Period	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025*
Jan	(0.8)	(4.0)	(24.1)	(58.9)	115.2	(55.8)	257.7	(35.6)	20.6	(49.9)	62.9	22.6
Feb	16.8	(47.5)	46.6	(65.8)	35.7	(14.3)	109.1	(26.1)	6.2	(25.9)	69.8	52.4
March	(4.0)	(26.4)	41.9	(65.7)	1.9	(10.5)	186.2	(36.0)	(14.9)	11.6	26.1	45.5
April	(21.4)	(20.4)	51.3	(54.7)	6.1	48.1	12.2	22.4	(69.7)	149.3	(6.3)	17.6
May	(49.6)	51.9	7.1	(33.4)	(57.7)	383.4	(7.6)	(19.5)	(53.7)	105.9	(45.4)	57.9
June	(77.9)	250.0	14.5	(67.8)	(9.2)	394.4	(36.6)	6.9	(70.0)	373.2	(7.0)	2.2
July	(75.7)	153.3	11.3	(68.7)	60.5	251.5	(36.9)	14.6	(45.3)	145.4	(55.2)	-
August	(40.9)	173.3	(10.0)	(70.4)	27.7	315.0	(29.4)	12.2	(4.1)	(27.4)	(30.0)	-
September	68.5	0.1	(22.0)	(47.1)	135.7	(6.0)	10.0	1.2	(50.7)	34.1	(11.6)	-
October	115.5	(77.7)	(3.1)	45.2	197.4	(30.0)	(1.4)	(17.5)	(46.8)	127.6	(67.1)	-
November	(22.1)	20.1	0.7	(69.0)	454.2	(20.2)	(8.0)	47.4	(44.8)	73.6	(31.8)	-
December	14.9	9.2	(66.2)	73.4	(35.0)	221.5	(25.5)	26.0	(56.1)	71.5	13.9	-
Q1	3.5	(26.8)	16.1	(63.9)	46.7	(31.8)	180.0	(33.3)	3.9	(25.1)	49.1	40.8
Q2	(46.6)	33.7	24.6	(52.2)	(23.1)	202.7	(13.1)	2.1	(65.0)	186.2	(17.8)	18.3
Q3	(31.8)	65.7	(8.5)	(62.6)	84.1	119.7	(22.9)	9.2	(32.6)	33.6	(38.3)	-
Q4	35.9	(34.2)	(32.0)	(6.3)	138.3	4.1	(12.3)	16.7	(49.2)	87.7	(31.2)	-
TOTAL	(10.6)	(6.2)	1.8	(51.6)	58.1	46.8	5.2	(2.9)	(38.8)	50.3	(15.6)	(25.7)

Note:

1. ( ) Denotes negative numbers
2. – Indicates data is not available
3. 2025 Data is up to the second quarter only*

Table 9: Quarter-on-Quarter Percentage Changes in the Physical Volume of Imported Electricity (2014 Q1 – 2025 Q2)

Period	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025*
Q1	64.0	(11.6)	55.9	(17.3)	29.5	(63.0)	(0.3)	(24.1)	(32.5)	(0.5)	(20.9)	61.9
Q2	(54.3)	(16.6)	(10.5)	18.7	(37.8)	176.1	(14.3)	31.1	(55.8)	69.0	6.9	(21.8)
Q3	(21.9)	(3.1)	(28.9)	(44.4)	33.0	(3.4)	(14.3)	(8.3)	76.3	(17.7)	38.2	-
Q4	132.0	(7.8)	(31.4)	71.8	122.4	5.3	19.7	28.0	3.5	35.6	51.1	-

1. ( ) Denotes negative numbers
2. – Indicates data is not available
3. 2025 Data is up to the second quarter only*

Table 10: Imported Electricity by Source in MWH: Second Quarter 2025

Source	MWH	%
Eskom	289,475	64.1
Cross-Border	26,321	5.8
SAPP	6,531	1.4
ZESCO	68,763	15.2
Nampower	60,665	13.5
Total	451,754	100.0

Table 11: Physical Volume of Electricity Distribution in MWH (January 2014 – June 2025)

Period	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025*
January	330,053	343,471	346,553	303,277	333,481	327,062	344,833	325,582	336,627	444,236	390,916	373,940
February	293,098	293,950	294,278	273,215	305,212	302,136	326,413	288,497	319,732	340,110	396,650	352,225
March	310,300	332,498	326,533	311,011	320,957	336,520	340,090	329,067	349,142	381,287	413,721	373,332
April	314,442	325,173	308,840	284,486	305,191	302,755	259,418	310,147	346,070	352,578	367,425	341,244
May	337,481	336,392	318,514	298,084	349,552	314,026	273,096	325,666	354,668	380,669	437,155	367,649
June	354,927	344,658	327,686	316,795	337,470	308,817	321,122	332,671	399,199	391,705	376,708	378,056
July	357,992	340,009	324,773	346,401	349,511	321,112	341,216	328,429	365,420	460,018	424,850	-
August	344,533	309,593	338,742	350,884	335,016	340,116	331,710	345,119	357,853	410,059	419,312	-
September	333,861	306,808	331,085	321,157	319,722	310,861	320,627	330,191	352,252	401,884	380,216	-
October	338,027	361,429	357,598	317,824	322,033	370,071	330,434	331,605	359,520	418,018	431,951	-
November	341,138	329,561	329,820	332,641	321,935	368,591	322,931	345,502	339,775	366,373	391,270	-
December	334,027	350,142	324,266	316,547	319,267	348,951	329,963	335,659	384,906	388,590	383,306	-
Q1	933,451	969,920	967,364	887,503	959,650	965,718	1,011,335	943,147	1,005,502	1,165,633	1,201,287	1,099,497
Q2	1,006,850	1,006,224	955,040	899,365	992,212	925,597	853,636	968,484	1,099,937	1,124,952	1,181,287	1,086,949
Q3	1,036,387	956,410	994,600	1,018,442	1,004,249	972,090	993,552	1,003,738	1,075,525	1,271,961	1,224,378	-
Q4	1,013,192	1,041,132	1,011,684	967,012	963,235	1,087,612	983,328	1,012,766	1,084,200	1,172,981	1,206,527	-
Year	3,989,880	3,973,685	3,928,688	3,772,322	3,919,347	3,951,017	3,841,852	3,928,135	4,265,164	4,735,526	4,813,479	2,186,446

Note:
1. – Indicates data is not available
2. 2025 Data is up to the second quarter only*

Table 12: Annual Percentage Changes for the Physical Volume of Electricity Distribution (January 2014 – June 2025)

Period	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025*
Jan	8.3	4.1	0.9	(12.5)	10.0	(1.9)	5.4	(5.6)	3.4	32.0	(12.0)	(4.3)
Feb	10.4	0.3	0.1	(7.2)	11.7	(1.0)	8.0	(11.6)	10.8	6.4	16.6	(11.2)
Mar	1.7	7.2	(1.8)	(4.8)	3.2	4.8	1.1	(3.2)	6.1	9.2	8.5	(9.8)
Apr	4.5	3.4	(5.0)	(7.9)	7.3	(0.8)	(14.3)	19.6	11.6	1.9	4.2	(7.1)
May	9.0	(0.3)	(5.3)	(6.4)	17.3	(10.2)	(13.0)	19.2	8.9	7.3	14.8	(15.9)
Jun	22.9	(2.9)	(4.9)	(3.3)	6.5	(8.5)	4.0	3.6	20.0	(1.9)	(3.8)	0.4
Jul	11.9	(5.0)	(4.5)	6.7	0.9	(8.1)	6.3	(3.7)	11.3	25.9	(7.6)	-
Aug	12.8	(10.1)	9.4	3.6	(4.5)	1.5	(2.5)	4.0	3.7	14.6	2.3	-
Sep	12.6	(8.1)	7.9	(3.0)	(0.4)	(2.8)	3.1	3.0	6.7	14.1	(5.4)	-
Oct	116.7	6.9	(1.1)	(11.1)	1.3	14.9	(10.7)	0.4	8.4	16.3	3.3	-
Nov	4.3	(3.4)	0.1	0.9	(3.2)	14.5	(12.4)	7.0	(1.7)	7.8	6.8	-
Dec	3.5	4.8	(7.4)	(2.4)	0.9	9.3	(5.4)	1.7	14.7	1.0	(1.4)	-
Q1	6.7	3.9	(0.3)	(8.3)	8.1	0.6	4.7	(6.7)	6.6	15.9	3.1	(8.5)
Q2	11.9	(0.1)	(5.1)	(5.8)	10.3	(6.7)	(7.8)	13.5	13.6	2.3	5.0	(8.0)
Q3	12.4	(7.7)	4.0	2.4	(1.4)	(3.2)	2.2	1.0	7.2	18.3	(3.7)	-
Q4	25.7	2.8	(2.8)	(4.4)	(0.4)	12.9	(9.6)	3.0	7.1	8.2	2.9	-
Year	13.9	(0.4)	(1.1)	(4.0)	3.9	0.8	(2.8)	2.2	8.6	11.0	1.6	(54.6)

Note:
1. ( ) Denotes negative numbers
2. – Indicates data is not available
3. 2025 Data is up to the second quarter only*

Table 13: Quarter-on-Quarter Percentage Changes in the Physical Volume of Electricity Distribution: 2014– June 2025)

Period	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025*
Q1	15.8	(4.3)	(7.1)	(12.3)	(0.8)	0.3	(7.0)	(4.1)	(0.7)	7.5	2.4	(8.9)
Q2	7.9	3.7	(1.3)	1.3	3.4	(4.2)	(15.6)	2.7	9.4	(3.5)	(1.7)	(1.1)
Q3	2.9	(5.0)	4.1	13.2	1.2	5.0	16.4	3.6	(2.2)	13.1	3.6	-
Q4	(2.2)	8.9	1.7	(5.0)	(4.1)	11.9	(1.0)	0.9	0.8	(7.8)	(1.5)	-

Note:
1. ( ) Denotes negative numbers
2. – Indicates data is not available
3. 2025 Data is up to the second quarter only*

Table 14: Generation of Electricity (MWH) as a Percentage of Distribution: January 2014 - June 2025

Year\ Utility	Electricity Generation	Imported Electricity	Electricity Distribution	% Contribution of Generated Electricity to Distributed
2014_Q1	317,245	616,206	933,451	34.0
Q2	725,363	281,487	1,006,850	72.0
Q3	816,465	219,922	1,036,387	78.8
Q4	502,881	510,311	1,013,192	49.6
2015_Q1	518,828	451,092	969,920	53.5
Q2	629,976	376,248	1,006,224	62.6
Q3	591,983	364,427	956,410	61.9
Q4	705,201	335,931	1,041,132	67.7
2016_Q1	443,628	523,736	967,364	45.9
Q2	486,188	468,852	955,040	50.9
Q3	661,245	333,355	994,600	66.5
Q4	783,141	228,543	1,011,684	77.4
2017_Q1	698,451	189,052	887,503	78.7
Q2	675,047	224,318	899,365	75.1
Q3	893,831	124,612	1,018,442	87.8
Q4	752,877	214,135	967,012	77.9
2018_Q1	682,380	277,270	959,650	71.1
Q2	819,755	172,457	992,212	82.6
Q3	774,882	229,427	1,004,249	77.2
Q4	452,938	510,298	963,235	47.0
2019_Q1	776,653	189,065	965,718	80.4
Q2	403,576	522,021	925,597	43.6
Q3	467,974	504,115	972,090	48.1
Q4	556,576	531,036	1,087,612	51.2
2020_Q1	481,984	529,352	1,011,335	47.7
Q2	399,903	453,733	853,636	46.8
Q3	604,647	388,905	993,552	60.9
Q4	517,627	465,701	983,328	52.6
2021_Q1	589,899	353,248	943,147	62.5
Q2	505,313	463,171	968,484	52.2
Q3	579,036	424,703	1,003,738	57.7
Q4	469,349	543,417	1,012,766	46.3
2022_Q1	638,501	367,001	1,005,502	63.5
Q2	937,597	162,340	1,099,937	85.2
Q3	789,354	286,171	1,075,525	73.4
Q4	807,943	276,257	1,084,200	74.5
2023_Q1	890,655	274,978	1,165,633	76.4
Q2	660,349	464,603	1,124,952	58.7
Q3	889,535	382,426	1,271,961	69.9
Q4	654,312	518,669	1,172,981	55.8
2024_Q1	791,267	410,020	1,201,287	65.9
Q2	799,523	381,764	1,181,287	67.7
Q3	988,303	236,075	1,224,378	80.7
Q4	849,846	356,682	1,206,527	70.4
2025_Q1	522,031	577,466	1,099,497	47.5
Q2	635,194	451,754	1,086,949	58.4

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