# Weekly System Status Report – 2023 Week 25 (19/06/2023 – 25/06/2023)

## Introduction

This document is intended to provide a general picture of the Adequacy of the National Electricity Supply System in the medium term. The Report will be updated weekly, on Tuesdays and circulated Wednesdays, thereafter, published on the Eskom website, updated on Wednesdays. The values contained in this report are unverified and not official yet and can change at any time.

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## Historic Daily Peak System Capacity/Demand

| Date | Available Dispatchable Generation (MW) | Non-commercial Generation (MW) | Residual Load Forecast (MW) | Actual Residual Demand (MW) Incl IOS | Operating Reserve Margin (Excl Non-Commercial Units) | Operating Reserve Margin (Incl Non-Commercial Units) | Forecast vs. Actual (Residual Demand) |
|---|---|---|---|---|---|---|---|
| Mon 19/Jun/2023 | 29,996 | 0 | 29,407 | 29,452 | 1.8% | 1.8% | -0.2% |
| Tue 20/Jun/2023 | 30,783 | 0 | 30,903 | 30,697 | 0.3% | 0.3% | 0.7% |
| Wed 21/Jun/2023 | 30,503 | 0 | 31,535 | 31,245 | -2.4% | -2.4% | 0.9% |
| Thu 22/Jun/2023 | 30,642 | 0 | 30,612 | 30,202 | 1.5% | 1.5% | 1.4% |
| Fri 23/Jun/2023 | 30,324 | 0 | 29,159 | 29,091 | 4.2% | 4.2% | 0.2% |
| Sat 24/Jun/2023 | 27,550 | 0 | 29,181 | 28,944 | -4.8% | -4.8% | 0.8% |
| Sun 25/Jun/2023 | 27,992 | 0 | 28,845 | 28,859 | -3.0% | -3.0% | 0.0% |

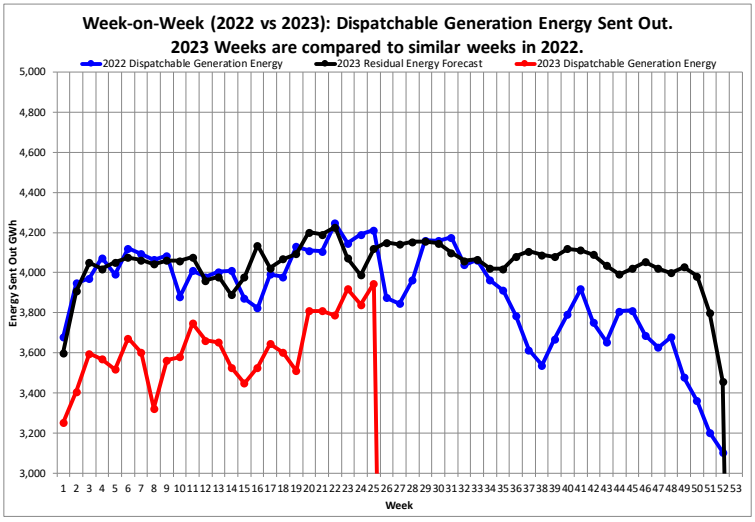
| Date | Total Available Generation Incl Renewables (MW) | Non-commercial Generation (MW) | RSA Contracted Load Forecast (MW) | Actual RSA Contracted Demand (MW) Incl IOS | Operating Reserve Margin (Excl Non-Commercial Units) | Operating Reserve Margin (Incl Non-Commercial Units) | Forecast vs. Actual (RSA Contracted Demand) |
|---|---|---|---|---|---|---|---|
| Mon 19/Jun/2023 | 32,884 | 0 | 32,211 | 32,340 | 1.7% | 1.7% | -0.4% |
| Tue 20/Jun/2023 | 32,355 | 0 | 32,444 | 32,269 | 0.3% | 0.3% | 0.5% |
| Wed 21/Jun/2023 | 31,221 | 0 | 32,507 | 31,963 | -2.3% | -2.3% | 1.7% |
| Thu 22/Jun/2023 | 32,468 | 0 | 32,166 | 32,028 | 1.4% | 1.4% | 0.4% |
| Fri 23/Jun/2023 | 32,344 | 0 | 30,802 | 31,110 | 4.0% | 4.0% | -1.0% |
| Sat 24/Jun/2023 | 28,961 | 0 | 30,427 | 30,355 | -4.6% | -4.6% | 0.2% |
| Sun 25/Jun/2023 | 29,755 | 0 | 30,546 | 30,622 | -2.8% | -2.8% | -0.2% |

**Notes:**

1. Available Dispatchable Generation means **all generation resources** that can be dispatched by Eskom and includes capacity available from all emergency generation resources.
2. RSA Contracted Load Forecast is the total official day-ahead hourly forecast. Residual Load Forecast excludes the expected generation from renewables.
3. Actual Residual Demand is the aggregated metered hourly sent-out generation and imports from dispatchable resources and includes demand reductions. The Actual RSA Contracted Demand includes renewable generation.
4. Net Maximum Dispatchable Capacity (including imports and emergency generation resources) = 49 191 MW.
5. These figures do not include any demand side products.
6. The peak hours for the residual demand can differ from that of the RSA contracted demand, depending on renewable generation.

## Week-on-Week Dispatchable Generation Energy Sent Out

[2023 weeks compared to similar 2022 weeks]




| Week 25 : Dispatchable Generation Energy Sent Out Statistics | | |
|---|---|---|
| Energy Sent Out | 3,946 | GWh |
| Week-on-Week Growth | -6.31 | % |
| Year-on-Year Growth (Year-to-Date) Annual | -10.13 | % |

**Note:**

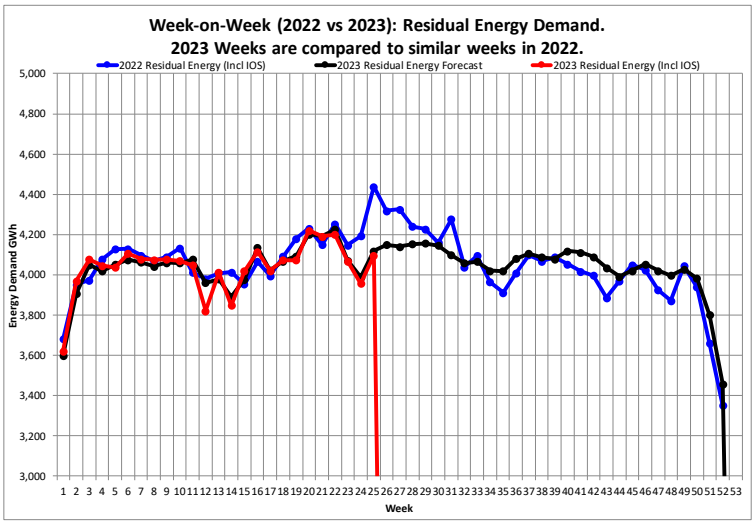
2023 Weeks are compared to similar weeks in 2022.

(2023 week 1 ~ 2022 week 1)

| Annual Dispatchable Generation Energy Sent Out Statistics | | | |
|---|---|---|---|
| Year | 01 Jan to 25 Jun Energy | Annual Energy (01 Jan to 31 Dec) | Unit |
| 2018 | 108,096 | 224,202 | GWh |
| 2019 | 106,494 | 219,575 | GWh |
| 2020 | 97,919 | 206,725 | GWh |
| 2021 | 101,876 | 210,022 | GWh |
| 2022 | 101,104 | 202,847 | GWh |
| 2023 (YTD) | 90,944 | | GWh |

## Week-on-Week Residual Energy Demand

[2023 weeks compared to similar 2022 weeks]




| Week 25 : Residual Energy Demand Statistics | | |
|---|---|---|
| Energy Demand | 4,096 | GWh |
| Week-on-Week Growth | -7.72 | % |
| Year-on-Year Growth (Year-to-Date) Annual | -1.10 | % |

**Note:**

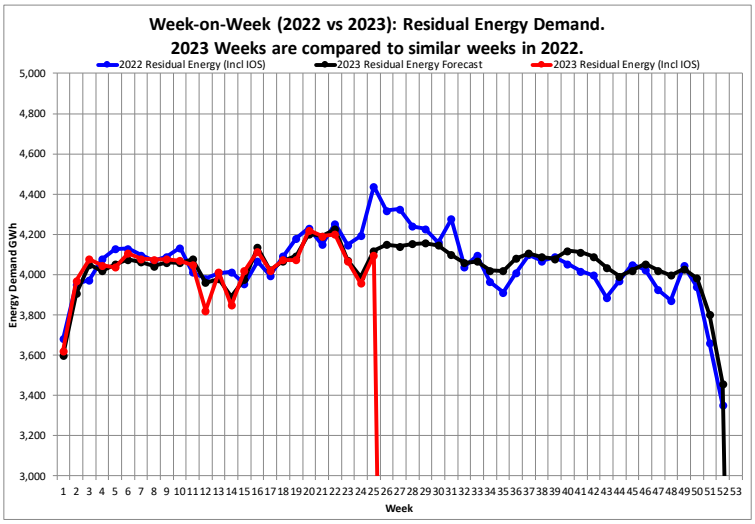
2023 Weeks are compared to similar weeks in 2022.

(2023 week 1 ~ 2022 week 1)

| Annual Residual Energy Demand Statistics | | | |
|---|---|---|---|
| Year | 01 Jan to 25 Jun Energy | Annual Energy (01 Jan to 31 Dec) | Unit |
| 2018 | 108,187 | 224,594 | GWh |
| 2019 | 107,193 | 220,937 | GWh |
| 2020 | 98,792 | 208,151 | GWh |
| 2021 | 102,937 | 211,958 | GWh |
| 2022 | 102,384 | 211,134 | GWh |
| 2023 (YTD) | 101,398 | | GWh |

## Week-on-Week RSA Contracted Energy Demand

[2023 weeks compared to similar 2022 weeks]




| Week 25 : Residual Energy Demand Statistics | | |
|---|---|---|
| Energy Demand | 4,096 | GWh |
| Week-on-Week Growth | -7.72 | % |
| Year-on-Year Growth (Year-to-Date) Annual | -1.10 | % |

**Note:**

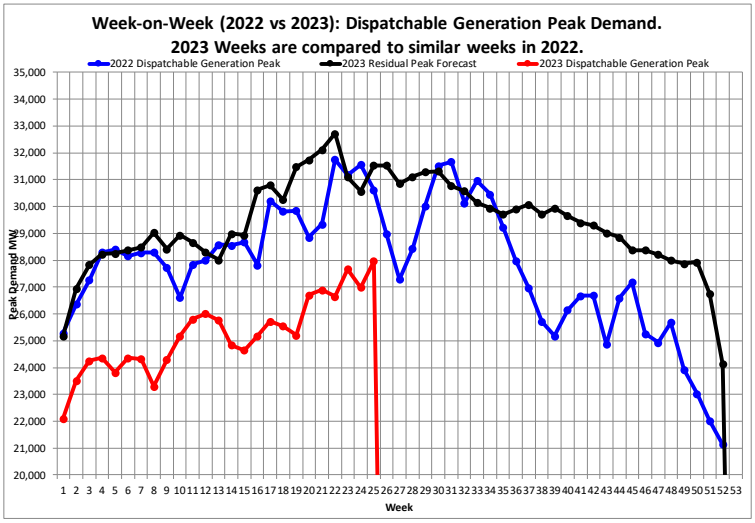
2023 Weeks are compared to similar weeks in 2022.

(2023 week 1 ~ 2022 week 1)

| Annual Residual Energy Demand Statistics | | | |
|---|---|---|---|
| Year | 01 Jan to 25 Jun Energy | Annual Energy (01 Jan to 31 Dec) | Unit |
| 2018 | 108,187 | 224,594 | GWh |
| 2019 | 107,193 | 220,937 | GWh |
| 2020 | 98,792 | 208,151 | GWh |
| 2021 | 102,937 | 211,958 | GWh |
| 2022 | 102,384 | 211,134 | GWh |
| 2023 (YTD) | 101,398 | | GWh |

## Week-on-Week Dispatchable Generation Peak Demand

[2023 weeks compared to similar 2022 weeks]




| Week 25 : Dispatchable Generation Peak Demand Statistics | | |
|---|---|---|
| Peak Demand | 27,968 | MW |
| Week-on-Week Growth | -8.66 | % |
| Year-on-Year Growth (Year-to-Date) Annual | -11.93 | % |

**Note:**

2023 Weeks are compared to similar weeks in 2022.

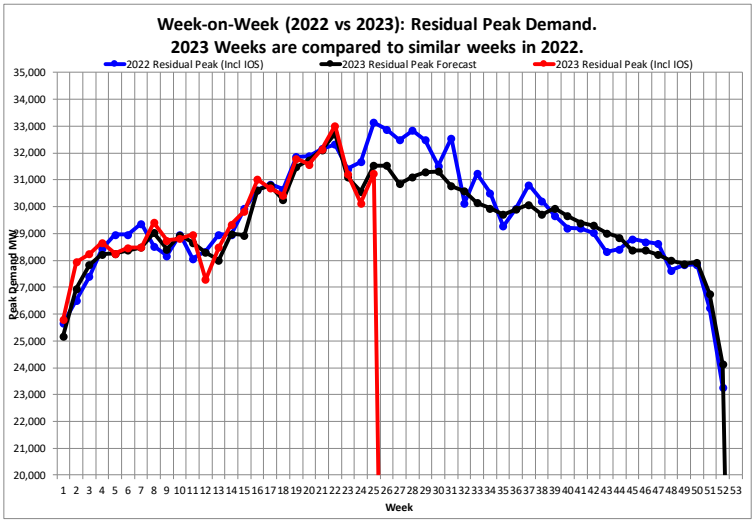
(2023 week 1 ~ 2022 week 1)

**Annual Dispatchable Generation Peak Demand Statistics**

| Year | Peak Date | Annual Peak | Unit |
|---|---|---|---|
| 2018 | Mon 16-Jul-2018 | 34,256 | MW |
| 2019 | Thu 30-May-2019 | 33,066 | MW |
| 2020 | Wed 17-Jun-2020 | 32,384 | MW |
| 2021 | Thu 15-Jul-2021 | 32,292 | MW |
| 2022 | Thu 02-Jun-2022 | 31,756 | MW |
| 2023 (YTD) | Wed 21-Jun-2023 | 27,968 | MW |

## Week-on-Week Residual Peak Demand

[2023 weeks compared to similar 2022 weeks]




| Week 25 : Residual Peak Demand Statistics | | |
|---|---|---|
| Peak Demand | 31,245 | MW |
| Week-on-Week Growth | -5.71 | % |
| Year-on-Year Growth (Year-to-Date) Annual | -0.36 | % |

**Note:**

2023 Weeks are compared to similar weeks in 2022.

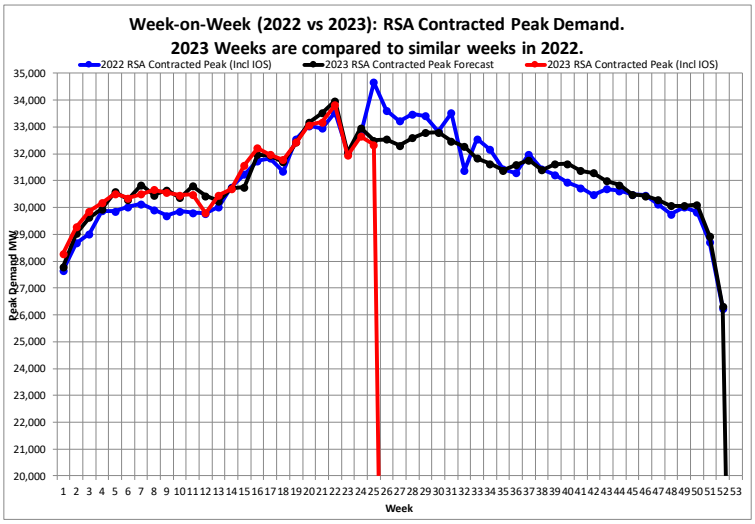
(2023 week 1 ~ 2022 week 1)

**Annual Residual Peak Demand Statistics**

| Year | Peak Date | Annual Peak | Unit |
|---|---|---|---|
| 2018 | Tue 29-May-2018 | 34,907 | MW |
| 2019 | Thu 30-May-2019 | 33,746 | MW |
| 2020 | Wed 15-Jul-2020 | 32,756 | MW |
| 2021 | Tue 08-Jun-2021 | 34,029 | MW |
| 2022 | Thu 23-Jun-2022 | 33,136 | MW |
| 2023 (YTD) | Tue 30-May-2023 | 33,016 | MW |

## Week-on-Week RSA Contracted Peak Demand

[2023 weeks compared to similar 2022 weeks]




| Week 25 : RSA Contracted Peak Demand Statistics | | |
|---|---|---|
| Peak Demand | 32,340 | MW |
| Week-on-Week Growth | -6.71 | % |
| Year-on-Year Growth (Year-to-Date) Annual | -2.45 | % |

**Note:**

2023 Weeks are compared to similar weeks in 2022.

(2023 week 1 ~ 2022 week 1)

**Annual RSA Contracted Peak Demand Statistics**

| Year | Peak Date | Annual Peak | Unit |
|---|---|---|---|
| 2018 | Tue 29-May-2018 | 35,345 | MW |
| 2019 | Thu 30-May-2019 | 34,510 | MW |
| 2020 | Tue 01-Sep-2020 | 34,155 | MW |
| 2021 | Thu 22-Jul-2021 | 35,005 | MW |
| 2022 | Thu 23-Jun-2022 | 34,666 | MW |
| 2023 (YTD) | Tue 30-May-2023 | 33,816 | MW |

## Weekly Generation Availability

| | Week | | | | | | | | | | | | | | Annual (Jan - Dec) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 2023 | 2022 |
| **Energy Availability Factor (Eskom EAF)** | 55.18 | 52.33 | 51.19 | 49.93 | 52.92 | 52.86 | 52.18 | 51.96 | 55.83 | 54.99 | 57.98 | 59.59 | 57.64 | 58.37 | **53.72** | **58.00** |
| **Planned Outage Factor** | 12.36 | 14.62 | 15.83 | 14.49 | 13.18 | 10.46 | 8.47 | 8.50 | 7.79 | 7.11 | 5.10 | 5.90 | 9.53 | 7.91 | **10.56** | **10.62** |
| **Unplanned Outage Factor** | 31.35 | 32.26 | 32.24 | 34.74 | 33.24 | 35.91 | 38.23 | 38.68 | 35.55 | 36.86 | 35.84 | 33.45 | 31.73 | 32.47 | **34.25** | **29.86** |
| **Other Outage Factor** | 1.11 | 0.79 | 0.74 | 0.84 | 0.66 | 0.77 | 1.12 | 0.86 | 0.83 | 1.04 | 1.08 | 1.06 | 1.10 | 1.25 | **1.47** | **1.52** |

**EAF:** Ratio of the available energy generation over a given time period to the maximum amount of energy which could be produced over the same time period.

**Outage Factors:** Ratio of energy losses over a given time period to the maximum amount of energy which could be produced over the same time period.

**YTD:** Year-to-Date (01 January of current year to current week)

## 52 Week Outlook

This is the forecast demand vs. available generating capacity for each week for 52 weeks ahead. Colour codes ranging from Green (no shortage) to Red (worst case) are used to indicate the absence or presence of a capacity constraint.

| Week Start | Week | MW RSA Contracted Forecast | MW Residual Forecast | MW Available Dispatchable Capacity | MW Available Capacity (Less OR and UA) | MW Planned Maintenance | MW Unplanned Outage Assumption (UA) | MW Planned Risk Level (-17200 MW) | MW Likely Risk Senario (-19200 MW) |
|---|---|---|---|---|---|---|---|---|---|
| 26-Jun-23 | 26 | 32540 | 31540 | 46415 | 29215 | 2776 | 15000 | | |
| 03-Jul-23 | 27 | 32315 | 30851 | 46355 | 29155 | 2836 | 15000 | | |
| 10-Jul-23 | 28 | 32599 | 31108 | 46457 | 29257 | 2734 | 15000 | | |
| 17-Jul-23 | 29 | 32782 | 31291 | 47630 | 30430 | 1561 | 15000 | | |
| 24-Jul-23 | 30 | 32808 | 31317 | 46949 | 29749 | 2242 | 15000 | | |
| 31-Jul-23 | 31 | 32471 | 30778 | 46949 | 29749 | 2242 | 15000 | | |
| 07-Aug-23 | 32 | 32269 | 30576 | 46040 | 28840 | 3151 | 15000 | | |
| 14-Aug-23 | 33 | 31835 | 30141 | 45425 | 28225 | 3766 | 15000 | | |
| 21-Aug-23 | 34 | 31624 | 29945 | 45664 | 28464 | 3527 | 15000 | | |
| 28-Aug-23 | 35 | 31392 | 29713 | 45597 | 28397 | 3594 | 15000 | | |
| 04-Sep-23 | 36 | 31586 | 29899 | 45701 | 28501 | 3490 | 15000 | | |
| 11-Sep-23 | 37 | 31764 | 30077 | 45769 | 28569 | 3422 | 15000 | | |
| 18-Sep-23 | 38 | 31398 | 29711 | 45826 | 28626 | 3365 | 15000 | | |
| 25-Sep-23 | 39 | 31623 | 29936 | 44887 | 27687 | 4304 | 15000 | | |
| 02-Oct-23 | 40 | 31635 | 29659 | 44862 | 27662 | 4329 | 15000 | | |
| 09-Oct-23 | 41 | 31372 | 29395 | 44913 | 27713 | 4278 | 15000 | | |
| 16-Oct-23 | 42 | 31286 | 29309 | 45581 | 28381 | 3610 | 15000 | | |
| 23-Oct-23 | 43 | 30991 | 29015 | 45406 | 28206 | 3785 | 15000 | | |
| 30-Oct-23 | 44 | 30837 | 28860 | 44133 | 26933 | 5058 | 15000 | | |
| 06-Nov-23 | 45 | 30480 | 28381 | 44140 | 28940 | 5051 | 13000 | | |
| 13-Nov-23 | 46 | 30439 | 28371 | 43992 | 28792 | 5199 | 13000 | | |
| 20-Nov-23 | 47 | 30288 | 28220 | 43774 | 26574 | 5417 | 15000 | | |
| 27-Nov-23 | 48 | 30059 | 27991 | 42837 | 25637 | 6354 | 15000 | | |
| 04-Dec-23 | 49 | 30063 | 27880 | 42692 | 27492 | 6499 | 13000 | | |
| 11-Dec-23 | 50 | 30109 | 27927 | 42297 | 27097 | 6894 | 13000 | | |
| 18-Dec-23 | 51 | 28935 | 26752 | 42668 | 27468 | 6523 | 13000 | | |
| 25-Dec-23 | 52 | 26312 | 24130 | 39608 | 24408 | 9583 | 13000 | | |
| 01-Jan-24 | 1 | 27780 | 25636 | 39958 | 24758 | 9233 | 13000 | | |
| 08-Jan-24 | 2 | 29422 | 27278 | 41857 | 26657 | 7334 | 13000 | | |
| 15-Jan-24 | 3 | 29883 | 27739 | 42580 | 27380 | 6611 | 13000 | | |
| 22-Jan-24 | 4 | 30203 | 28059 | 42432 | 27232 | 6759 | 13000 | | |
| 29-Jan-24 | 5 | 30358 | 28214 | 43152 | 27952 | 6039 | 13000 | | |
| 05-Feb-24 | 6 | 30700 | 28610 | 43998 | 28798 | 5193 | 13000 | | |
| 12-Feb-24 | 7 | 30793 | 28704 | 44145 | 28945 | 5046 | 13000 | | |
| 19-Feb-24 | 8 | 30724 | 28635 | 43030 | 27830 | 6161 | 13000 | | |
| 26-Feb-24 | 9 | 30567 | 28477 | 43030 | 27830 | 6161 | 13000 | | |
| 04-Mar-24 | 10 | 30918 | 28958 | 43693 | 28493 | 5498 | 13000 | | |
| 11-Mar-24 | 11 | 30966 | 29006 | 43913 | 28713 | 5278 | 13000 | | |
| 18-Mar-24 | 12 | 30790 | 28807 | 44008 | 28808 | 5183 | 13000 | | |
| 25-Mar-24 | 13 | 30764 | 28719 | 43592 | 28392 | 5599 | 13000 | | |
| 01-Apr-24 | 14 | 31151 | 29620 | 45047 | 29847 | 4144 | 13000 | | |
| 08-Apr-24 | 15 | 31666 | 30135 | 44327 | 29127 | 4864 | 13000 | | |
| 15-Apr-24 | 16 | 32015 | 30483 | 45136 | 29936 | 4055 | 13000 | | |
| 22-Apr-24 | 17 | 32400 | 30869 | 44961 | 29761 | 4230 | 13000 | | |
| 29-Apr-24 | 18 | 32215 | 30877 | 45723 | 30523 | 3468 | 13000 | | |
| 06-May-24 | 19 | 33020 | 31695 | 46316 | 31116 | 2875 | 13000 | | |
| 13-May-24 | 20 | 33663 | 32338 | 46491 | 31291 | 2700 | 13000 | | |
| 20-May-24 | 21 | 33932 | 32607 | 47211 | 32011 | 1980 | 13000 | | |
| 27-May-24 | 22 | 34457 | 33131 | 47179 | 31979 | 2012 | 13000 | | |
| 03-Jun-24 | 23 | 33782 | 32501 | 47179 | 31979 | 2012 | 13000 | | |
| 10-Jun-24 | 24 | 33891 | 32610 | 47179 | 31979 | 2012 | 13000 | | |
| 17-Jun-24 | 25 | 33785 | 32504 | 47754 | 32554 | 1437 | 13000 | | |
| 24-Jun-24 | 26 | 33998 | 32717 | 47607 | 32407 | 1584 | 13000 | | |
| 01-Jul-24 | 27 | 33790 | 32299 | 47267 | 32067 | 1924 | 13000 | | |

**Notes - Assumptions critical:**
The maintenance plan included in these assumptions includes a base scenario of outages (planned risk level). As there is opportunity for further outages, these will be included. This "likely risk scenario" includes an additional 1500 MW of outages on the base plan.
The expected imports at Apollo is included.
Avon and Dedisa is also included.
The forecast used is the latest operational weekly residual peak forecast, which excludes the expected renewable generation.
**Operating Reserve (OR) from Generation: 2 200 MW**
**Unplanned Outage Assumption (UA): 15 000 MW** until end November 2023 then 13000 MW onward
**Reserves: OR + UA = 17 200 MW**
**Eskom Installed Capacity: 48 186 MW.**
**Installed Dispatchable Capacity: 49 191 MW (Incl. Avon and Dedisa).**
**Key:**

| Risk Level | Description |
|---|---|
| Green | Adequate Generation to meet Demand and Reserves. |
| Yellow | < 1 000MW Possibly short to meet Reserves |
| Orange | 1 001MW – 2 000MW Definitively short to meet Reserves and possibly Demand |
| Red | > 2 001MW Short to meet Demand and Reserves |
| | |

## Medium Term Peak Demand/Capacity Forecast

Please go to the link below for the Medium-term System Adequacy Outlook - 2023 to 2027. (Published 30 October 2022).

https://www.eskom.co.za/wp-content/uploads/2022/10/Medium-Term-System-Adequacy-Outlook-2023-2027.pdf

or Download the medium-term system adequacy outlook 2023 – 2027 from

https://www.eskom.co.za/eskom-divisions/tx/system-adequacy-reports/

## Renewable Energy Statistics

Note: Times are expressed as hour beginning

| Current Installed Capacity (MW) | |
|---|---|
| CSP | 500.0 |
| PV | 2,287.1 |
| Wind (Eskom+IPP) | 3,442.6 |
| Total (Incl other REs) | 6,280.2 |

| Maximum Contribution (MW) - based on System Operator data (subject to metering verification) | | | | | |
|---|---|---|---|---|---|
| Cal Year | Indicator | CSP | PV | Wind (Eskom+IPP) | Total (Incl other REs) |
| All Time | Maximum | 506.2 | 2,099.5 | 3,034.0 | 5,126.1 |
| | Max Date | 15-Mar-2022 15:00 | 24-Oct-2021 12:00 | 19-Jun-2023 13:00 | 05-Sep-2022 12:00 |
| 2016 | Maximum | 200.9 | 1,350.5 | 1,229.8 | 2,576.3 |
| | Max Date | 11-Aug-2016 14:00 | 16-Dec-2016 12:00 | 23-Dec-2016 13:00 | 23-Dec-2016 13:00 |
| 2017 | Maximum | 302.0 | 1,432.5 | 1,708.2 | 3,142.7 |
| | Max Date | 07-Nov-2017 10:00 | 27-Oct-2017 12:00 | 25-Dec-2017 18:00 | 13-Dec-2017 13:00 |
| 2018 | Maximum | 399.7 | 1,392.1 | 1,902.3 | 3,298.9 |
| | Max Date | 04-Dec-2018 16:00 | 03-Oct-2018 12:00 | 02-Oct-2018 16:00 | 28-Sep-2018 11:00 |
| 2019 | Maximum | 502.1 | 1,375.6 | 1,872.0 | 3,530.6 |
| | Max Date | 24-Sep-2019 11:00 | 19-Jan-2019 12:00 | 14-Dec-2019 15:00 | 27-Oct-2019 13:00 |
| 2020 | Maximum | 504.5 | 1,929.2 | 2,113.9 | 4,050.0 |
| | Max Date | 25-Nov-2020 12:00 | 25-Nov-2020 12:00 | 01-Dec-2020 19:00 | 24-Nov-2020 13:00 |
| 2021 | Maximum | 504.9 | 2,099.5 | 2,639.3 | 4,784.7 |
| | Max Date | 30-Nov-2021 16:00 | 24-Oct-2021 12:00 | 15-Dec-2021 17:00 | 01-Nov-2021 13:00 |
| 2022 | Maximum | 506.2 | 2,048.8 | 3,028.1 | 5,126.1 |
| | Max Date | 15-Mar-2022 15:00 | 20-Nov-2022 11:00 | 02-Dec-2022 16:00 | 05-Sep-2022 12:00 |
| 2023 | Maximum | 505.8 | 2,044.1 | 3,034.0 | 4,877.8 |
| | Max Date | 21-Feb-2023 13:00 | 21-Feb-2023 12:00 | 19-Jun-2023 13:00 | 20-Feb-2023 15:00 |

| Annual Energy Contribution (MWh) - based on System Operator data (subject to metering verification) | | | | | |
|---|---|---|---|---|---|
| Cal Year | Indicator | CSP | PV | Wind (Eskom+IPP) | Total (Incl other REs) |
| All Time Maximum | Annual Energy | 1,656,017 | 5,069,146 | 9,692,373 | 16,202,974 |
| 2016 | Total Energy | 529,522 | 2,630,141 | 3,730,771 | 6,951,261 |
| 2017 | Total Energy | 687,703 | 3,324,857 | 5,081,023 | 9,198,632 |
| 2018 | Total Energy | 1,031,288 | 3,282,124 | 6,467,095 | 10,887,902 |
| 2019 | Total Energy | 1,557,151 | 3,324,989 | 6,624,642 | 11,586,945 |
| 2020 | Total Energy | 1,626,049 | 4,140,212 | 6,625,830 | 12,478,704 |
| 2021 | Total Energy | 1,656,017 | 5,069,146 | 8,359,224 | 15,208,327 |
| 2022 | Total Energy | 1,448,276 | 4,844,736 | 9,692,373 | 16,202,974 |
| 2023 | Total Energy | 720,758 | 2,397,851 | 5,377,898 | 8,637,240 |

| Maximum Difference between Consecutive Evening Peaks (MW) - based on System Operator data (subject to metering verification) | | |
|---|---|---|
| Cal Year | Indicator | Total (Incl other REs) |
| All Time | Maximum | 2,149 |
| | Max Date | 20-Apr-2023 to 21-Apr-2023 |
| 2016 | Maximum | 828 |
| | Max Date | 30-Aug-2016 to 31-Aug-2016 |
| 2017 | Maximum | 1,038 |
| | Max Date | 19-Jun-2017 to 20-Jun-2017 |
| 2018 | Maximum | 1,336 |
| | Max Date | 01-Sep-2018 to 02-Sep-2018 |
| 2019 | Maximum | 1,464 |
| | Max Date | 05-Jul-2019 to 06-Jul-2019 |
| 2020 | Maximum | 1,488 |
| | Max Date | 31-Aug-2020 to 01-Sep-2020 |
| 2021 | Maximum | 1,744 |
| | Max Date | 07-Aug-2021 to 08-Aug-2021 |
| 2022 | Maximum | 1,523 |
| | Max Date | 07-Aug-2022 to 08-Aug-2022 |
| 2023 | Maximum | 2,149 |
| | Max Date | 20-Apr-2023 to 21-Apr-2023 |

| Maximum proportion that Renewables contributed towards actual hourly energy supplied (%) - based on System Operator data (subject to metering verification) | | |
|---|---|---|
| Cal Year | Indicator | Total (Incl other REs) |
| All Time | Maximum | 21.8% |
| | Max Date | 20-Feb-2023 15:00 |
| 2016 | Maximum | 9.8% |
| | Max Date | 23-Dec-2016 13:00 |
| 2017 | Maximum | 12.7% |
| | Max Date | 25-Dec-2017 15:00 |
| 2018 | Maximum | 13.1% |
| | Max Date | 01-Jan-2018 14:00 |
| 2019 | Maximum | 13.9% |
| | Max Date | 14-Dec-2019 14:00 |
| 2020 | Maximum | 16.1% |
| | Max Date | 27-Dec-2020 15:00 |
| 2021 | Maximum | 19.1% |
| | Max Date | 01-Nov-2021 13:00 |
| 2022 | Maximum | 19.3% |
| | Max Date | 05-Sep-2022 12:00 |
| 2023 | Maximum | 21.8% |
| | Max Date | 20-Feb-2023 15:00 |