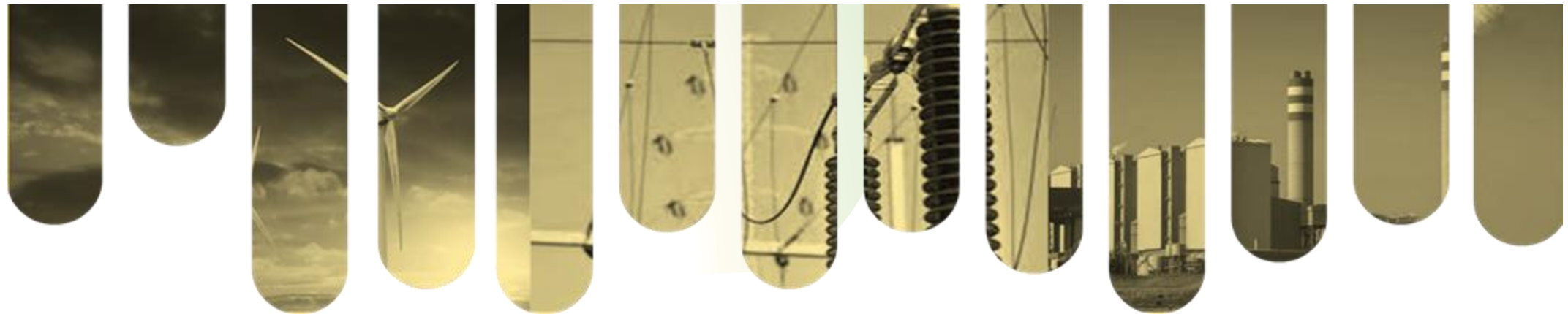




## MINISTRY IN THE PRESIDENCY FOR ELECTRICITY



## MINISTERIAL ENERGY ACTION PLAN BRIEFING

**DR KGOSIENTSHO RAMOKGOPA**

Minister in the Presidency for Electricity

11 February 2024



# GENERATION PERFORMANCE

Generation performance: Month to Date (01-09 February 2024)

Date (08:00 daily)	Capacity Available (MW)	Planned outages (MW)	UCLF, Partial Losses & outage delays (MW)	Partial Load Losses (MW)	p.m. peak forecasted (MW)	Units at Risk (MW)	Outage Slip (MW)	Load Shedding Stages (range)
01-Feb-24	25638	7869	14300	5854	26698	4465	2795	Stage 3
02-Feb-24	25830	7869	14258	6206	25998	4465	2030	Stage 3
05-Feb-24	27148	7277	13564	5603	26831	2670	3872	Stage 2/3
06-Feb-24	27028	7274	13693	5993	26429	5022	2670	Stage 2/3
07-Feb-24	26491	6853	14031	5803	26485	5022	3263	Stage 2
08-Feb-24	26124	6771	15089	6861	26667	6278	3262	Stage 2
09-Feb-24	23597	6771	17636	6237	25360	5685	3263	Stage 4/6
<b>Average</b>	<b>26075</b>	<b>7827</b>	<b>14106</b>	<b>6869</b>	<b>25029</b>	<b>3605</b>	<b>2178</b>	



# GENERATION PERFORMANCE

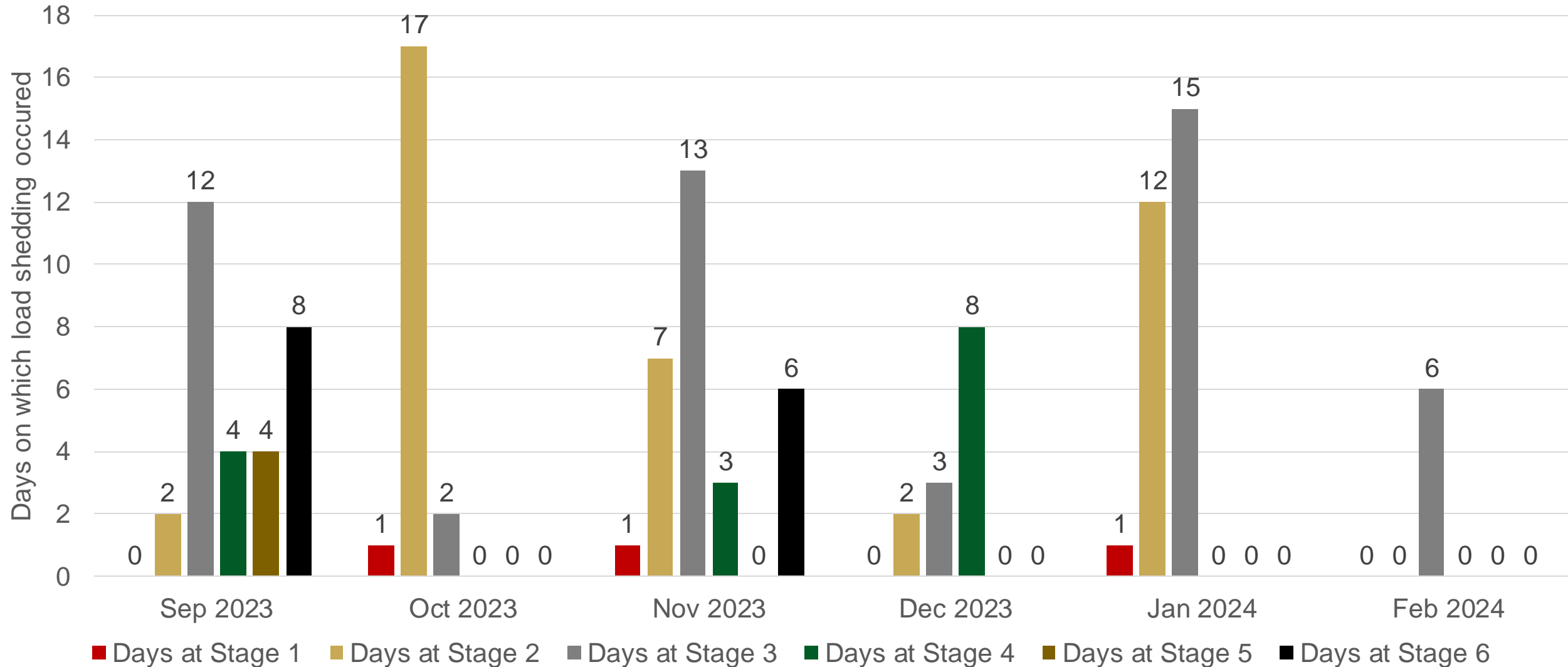
Generation performance: Trend Analysis against May 2023 Baseline – January 2024

period (08:00 daily)	Capacity Available (MW)	Planned outages (MW)	UCLF, Partial Losses & outage delays (MW)	Partial Load Losses (MW)	p.m. peak forecasted (MW)	Units at Risk (MW)	Outage Slip (MW)
<b>May-23 Baseline</b>	<b>27410</b>	<b>3120</b>	<b>17369</b>	<b>6793</b>	<b>31135</b>	<b>6579</b>	<b>3478</b>
Jun-23	29241	3131	15540	7171	30197	6383	1743
Jul-23	28579	3493	15787	6636	30510	7745	1843
Aug-23	29277	2888	15871	6467	30633	8414	2045
Sep-23	27491	4573	15522	8285	28770	4156	1137
Oct-23	28430	4810	14523	6494	27527	4336	1783
Nov-23	27168	4884	15616	7259	27509	3749	1958
Dec-23	26671	7769	13473	6621	25016	2499	1246
Jan-24	25563	8054	14302	6454	25271	3045	2289
<b>Jun 2023 - Jan 2024: Average</b>	<b>27759</b>	<b>4747</b>	<b>15334</b>	<b>6909</b>	<b>28507</b>	<b>5212</b>	<b>1947</b>



# GENERATION PERFORMANCE

Load Shedding Day per Stage (Sep 2023 – Jan 2024) (based on highest stage on a day)





# GENERATION PERFORMANCE

**EVENTS LEADING TO STAGE 6 LOADSHEDDING ON FRI 09 FEB 2024**

## UCLF

**Boiler Tube Leaks – major contributor**

**4400 MW**

**Arnot at risk with BTL (400 MW)**

**2 Units Returned to Service 1000 MW**

- Lethabo 5 600MW
- Kriel 2 400 MW

**UCLF (Unit Slips) – 1400 MW**

- Matimba 2
- Camden 4
- Kendal 3

**7 Units still on outage 32000 MW**

**Expected RTS Date**

- Grootvlei 2 200 MW **Wed 14-Feb (p.m. peak)**
- Camden 7 200 MW **Tue 13-Feb (a.m. peak)**
- Lethabo 1 600 MW **Wed 14-Feb (a.m. peak)**
- Matimba 1 600 MW **Tue 13-Feb (p.m. peak)**
- Duvha 6 600 MW **Mon 12-Feb (a.m. peak)**
- Lethabo 4 600 MW **Tue 13-Feb (a.m. peak)**
- Majuba 5 600 MW **Wed 14-Feb (p.m. peak)**

**UCLF - Other**

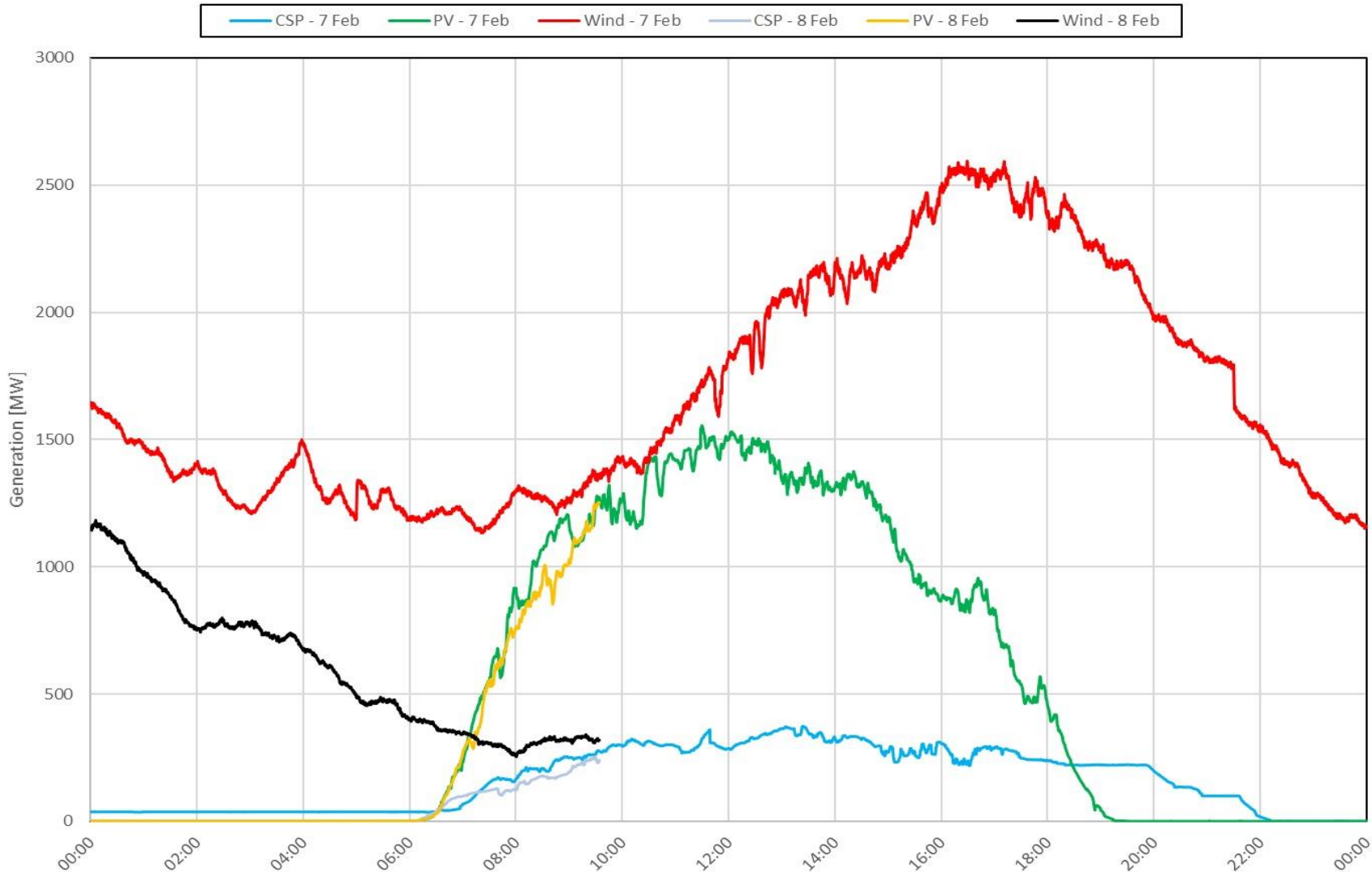
- Duvha 2
- Medupi 2, 3
- Kendal 6
- Camden 6, 7



# GENERATION PERFORMANCE

## RENEWABLE CONTRIBUTION TO SUPPLY

Grid Connected Renewable Comparison



**Renewables were lower than forecast, but the total load was also higher**

**Forecasters adjusted upwards, partially as a result of the lower-than-predicted behind the meter PV**

**All forecasts predicted cloudy conditions only in the afternoon, but cloud conditions persisted throughout the day.**



**THANK YOU**

