South Africa

Production (2021): 228,533 metric tons; Global ranking: 7
Consumption (2021): 177,290 metric tons; Global ranking: 6
Exports (2021): 66,116 metric tons; Global ranking: 5
Imports (2021): 2,874 metric tons; Global ranking: 35
(Source: EIA)

Coal power generation (2021): 192.7 TWh, 86.3% of total electricity (Source: Ember)
Coal power installed capacity (2023): 43.6 GW; Global ranking: 5 (Source: Global Energy Monitor)
Coal power plants (2023): 18 plants in operation, of which 43 plants (10.8 GW) have announced retirement by 2030; 1 plant (1.6 GW) under construction, 2 plants (1.6 GW) at early development stages, (Source: Global Energy Monitor)

Coal power capacity by vintage group:

<table>
<thead>
<tr>
<th>Age group</th>
<th>&gt; 40 years</th>
<th>30~40 Years</th>
<th>20~30 Years</th>
<th>10~20 Years</th>
<th>&lt; 10 years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity (% of total)</td>
<td>14.2 GW</td>
<td>16.7 GW</td>
<td>4.8 GW</td>
<td>0.0 GW</td>
<td>8 GW</td>
</tr>
<tr>
<td></td>
<td>32.5 %</td>
<td>38.2 %</td>
<td>11.1 %</td>
<td>0.0 %</td>
<td>18.3 %</td>
</tr>
</tbody>
</table>

(2010-2023) (Source: Global Energy Monitor)

POLICY SUMMARY

- "No new coal" pledge: n/a
- Coal power phaseout target: n/a (decommissioning plans would reduce coal use to less than 30% of electricity generation by 2040, 20% by 2050) (Source: South Africa Department of Energy)
- Just Energy Transition Partnership: Western countries awarded US$ 8.5 billion to South Africa to support coal power plants decommissioning, energy efficiency initiatives and community development. (Source: European Commission)
- Net-zero target: 2050 (Source: UNFCCC)

(Policy summary)