



Wheatstone LNG Plant Greenhouse Gas Management Plan: Summary Plan

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This Wheatstone LNG Plant Greenhouse Gas Management Plan (GHGMP) Summary Plan is to satisfy the requirements if condition 19 – 9 of Ministerial Statement 873, as amended by Ministerial Statement 1201.

Proposal name	Wheatstone Development – Gas Processing, Export Facilities and Infrastructure
Proponent name	Chevron Australia Pty Ltd (CAPL)
Proposal description and scope	The construction of a multi-train liquefied natural gas (LNG) plant and a domestic gas (Domgas) plant near Onslow on the Pilbara coast, Western Australia (WA). The Wheatstone Development Gas Processing, Export Facilities and Infrastructure (Wheatstone Development) processes gas from various offshore fields in the West Carnarvon Basin.
Compliance Period	11 November 2022 – 30 June 2025
Emissions estimates	<p>Scope 1 emissions estimates for the Wheatstone LNG Plant include:</p> <ul style="list-style-type: none"> • average annual emissions of 4.15 Mtpa CO₂-e • life of proposal emissions of 52.57 Mt CO₂-e <p>There are currently no Scope 2 emissions associated with the Wheatstone LNG Plant.</p>
Trajectory of emissions reductions	<p>CAPL will take measures to reduce Net GHG Emissions from the Wheatstone LNG Plant in accordance with condition 19 of MS 873 (as amended by MS 1201) and illustrated below:</p> <p>Condition 19-3 The proponent must take measures to ensure that Net GHG Emissions do not exceed:</p> <ol style="list-style-type: none"> (1) 14.95 million tonnes of CO₂-e for the period until 30 June 2025; (2) 14.55 million tonnes of CO₂-e for the period between 1 July 2025 and 30 June 2030; (3) 12.75 million tonnes of CO₂-e for the period between 1 July 2030 and 30 June 2035; (4) 11.00 million tonnes of CO₂-e for the period between 1 July 2035 and 30 June 2040; (5) 7.25 million tonnes of CO₂-e for the period between 1 July 2040 and 30 June 2045; (6) 3.75 million tonnes of CO₂-e for the period between 1 July 2045 and 30 June 2050; (7) zero tonnes of CO₂-e for every five year period from 1 July 2050 onwards.

	<table border="1"> <caption>Wheatstone project emissions reduction</caption> <thead> <tr> <th>Year</th> <th>Annual Net Emissions (Mt CO₂e)</th> <th>Reduction from Baseline (%)</th> <th>Reduction (Mt CO₂e/yr)</th> </tr> </thead> <tbody> <tr> <td>from 2023</td> <td>4.15</td> <td>0%</td> <td>0</td> </tr> <tr> <td>from 2025</td> <td>2.99</td> <td>28%</td> <td>-1.16</td> </tr> <tr> <td>from 2030</td> <td>2.91</td> <td>30%</td> <td>-1.24</td> </tr> <tr> <td>from 2035</td> <td>2.55</td> <td>38%</td> <td>-1.6</td> </tr> <tr> <td>from 2040</td> <td>2.20</td> <td>47%</td> <td>-1.95</td> </tr> <tr> <td>from 2045</td> <td>1.45</td> <td>65%</td> <td>-2.70</td> </tr> <tr> <td>from 2050</td> <td>0</td> <td>100%</td> <td>-4.15</td> </tr> </tbody> </table>	Year	Annual Net Emissions (Mt CO ₂ e)	Reduction from Baseline (%)	Reduction (Mt CO ₂ e/yr)	from 2023	4.15	0%	0	from 2025	2.99	28%	-1.16	from 2030	2.91	30%	-1.24	from 2035	2.55	38%	-1.6	from 2040	2.20	47%	-1.95	from 2045	1.45	65%	-2.70	from 2050	0	100%	-4.15
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<p>Key components in the GHGMP</p>	<p>GHG mitigation actions in design</p> <p>GHG emissions management was integrated into the design basis of the Wheatstone Foundation Project and a range of facilities and practices were adopted to avoid emissions through best practice design.</p> <p>GHG mitigation actions in operation (to 2035)</p> <p>CAPL recognises the importance of innovation and continuing to apply mitigations through the subsequent steps of the mitigation hierarchy as critical to the success of achieving its emissions reduction limits. This includes continuous improvement to reduce emissions over the life of the project through Chevron Corporation’s (Chevron) GHG optimisation process and by offsetting emissions through the implementation of a GHG emissions offset package in accordance with MS 873 (as amended by MS 1201).</p> <p>GHG mitigation actions in operation (beyond 2035)</p> <p>Beyond 2035 there is greater uncertainty on the level of emissions reductions that may be achieved owing to a number of factors such as outcomes of GHG optimisation projects, realisation of technological advancements and availability of offsets. Information on the potential mitigation actions proposed for the post-2035 period will be outlined in future updates of the Wheatstone LNG Plant GHGMP and will reflect strategies and measures reasonably practicable at the time, noting the expectation that potential mitigations will develop over time and more effective mitigation alternatives may become available.</p>																																
<p>GHGMP reviews and reporting</p>	<p>Monitoring, auditing, and public reporting of GHG emissions from the Wheatstone LNG Plant will be carried out in accordance with MS873 (as amended by MS 1201), including:</p> <ul style="list-style-type: none"> • annual reporting per condition 19-11; and • five-yearly reporting per condition 19-12. <p>This GHGMP will be reviewed and updated based on the results of adaptive management reviews and, as a minimum, every five years as required by condition 19-13 of MS 873 (as amended by MS 1201).</p>																																