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Published on: 15 August 2023

Statement No. 1208

**STATEMENT TO CHANGE THE IMPLEMENTATION CONDITIONS
APPLYING TO A PROPOSAL
(Section 46 of the *Environmental Protection Act 1986*)**

PLUTO LIQUIFIED NATURAL GAS DEVELOPMENT (SITE B OPTION) BURRUP
PENINSULA, SHIRE OF ROEBOURNE

Proposal: The construction of facilities for the development of the gas fields and the processing and export of the gas at a liquefied natural gas plant to be constructed on the Burrup Peninsula. Extensive dredging will be undertaken adjacent to the export facility.

Proponent: Woodside Energy Ltd.
Australian Company Number 005 482 986

Proponent Address: 11 Mount Street, 240 St Georges Terrace,
PERTH WA 6000

Report of the Environmental Protection Authority: 1734

Preceding Statement/s Relating to this Proposal: 757 and 850

Pursuant to section 45 of the *Environmental Protection Act 1986*, as applied by section 46(8), it has been agreed that the implementation conditions set out in Ministerial Statement No. 757, be changed as specified in this Statement.

Condition 12 of Ministerial Statement 757 is deleted and replaced with:

12 Greenhouse Gas Abatement

12-1 The proponent must take measures to ensure that the **Net GHG Emissions** do not exceed:

- (1) 7,350,000 tonnes of **CO₂-e** for the period between 1 January 2021 and 31 December 2025 or such higher amount (not exceeding an additional 500,000 tonnes **CO₂-e**) that the **CEO** considers is otherwise accounted for and regulated under a condition of an implementation agreement (if any) applying to the Karratha Gas Plant;

- (2) 13,560,000 tonnes of **CO₂-e** for the period between 1 January 2026 and 31 December 2029;
 - (3) 14,350,000 tonnes of **CO₂-e** for the period between 1 January 2030 and 31 December 2034;
 - (4) 13,325,000 tonnes of **CO₂-e** for the period between 1 January 2035 and 31 December 2039; and
 - (5) 5,728,767 tonnes of **CO₂-e** for the period between 1 January 2040 and 30 April 2042.
- 12-2 Subject to, and to the extent that it is not inconsistent with, condition 12-1, the proponent must implement the Pluto LNG Facility Greenhouse Gas Abatement Program (Rev 3a) dated June 2021 (**Rev 3a GHG Abatement Program**) until the **CEO** confirms in writing that a revision of that plan meets the requirements of conditions 12-3(1) to 12-3(5).
- 12-3 Prior to 31 December 2024, or such greater time approved in writing by the **CEO**, the proponent must revise in consultation with the **Murujuga Key Stakeholders**, and submit to the **CEO** a revision of the **Rev 3a GHG Abatement Program** that:
- (1) is consistent with the achievement of the **Net GHG Emissions** limits in condition 12-1 (or the achievement of **Net GHG Emissions** reductions beyond those required by those limits);
 - (2) specifies the estimated **Proposal GHG Emissions, Reservoir Emissions, Non-Reservoir Emissions, Total Emissions Intensity, Reservoir Emissions Intensity, Non-Reservoir Emissions Intensity** for the life of the proposal;
 - (3) include a comparison of the estimated **Proposal GHG Emissions, Reservoir Emissions, Non-Reservoir Emissions, Total Emissions Intensity, Reservoir Emissions Intensity** and **Non-Reservoir Emissions Intensity** for the life of the proposal against other comparable facilities;
 - (4) identifies and describes any measures that the proponent will implement to avoid, reduce and/or offset (including offsets developed in consultation with **Murujuga Key Stakeholders**) **Proposal GHG Emissions, Reservoir Emissions** and/or **Non Reservoir Emissions** and/or reduce the **Reservoir Emissions Intensity, Non-Reservoir Emissions Intensity** and/or **Total Emissions Intensity** of the proposal; and
 - (5) provides for the future review of the program to:

- (a) assess the effectiveness of measures referred to in condition 12-3(4); and
 - (b) identify and describe options for future measures that the proponent may or could implement to avoid, reduce and/or offset **Proposal GHG Emissions, Reservoir Emissions** and/or **Non-Reservoir Emissions** and/or reduce the **Reservoir Emissions Intensity, Non-Reservoir Emissions Intensity** and/or **Total Emissions Intensity** of the proposal.
- 12-4 The proponent shall submit with the revised **GHG Abatement Program** required by condition 12-3, the dates and estimated **Net GHG Emissions** for the **Environmental Commissioning** of the **Pluto LNG Train 2**.
- 12-5 The proponent must not commence **Environmental Commissioning** of the **Pluto LNG Development Train 2** until the **CEO** has confirmed in writing that the revision of the **Rev 3a GHG Abatement Program** required by condition 12-3 satisfies the requirements of condition 12-3(1) to 12-3(5) and 12-4.
- 12-6 The proponent:
 - (1) may submit to the **CEO** a revision of the **Confirmed** Pluto LNG Facility Greenhouse Gas Abatement Program (GHG Abatement Program) prepared in consultation with the **Murujuga Key Stakeholders** at any time;
 - (2) must submit to the **CEO** a revision of the **Confirmed** GHG Abatement Program, prepared in consultation with the **Murujuga Key Stakeholders**:
 - (a) if there is a material risk that condition 12-1 will not be complied, including but not limited to as a result of a change to the proposal;
 - (b) with each consolidated report required under condition 12-10(1); and
 - (c) as and when directed by the **CEO**.
- 12-7 Any revision of the **Confirmed** GHG Abatement Program referred to condition 12-6 must meet the requirements of condition 12-3(1) to 12-3(5).
- 12-8 Within one (1) month of receiving confirmation in writing from the **CEO** that a GHG Abatement Program submitted to the **CEO** under condition 12-3 or 12-6 satisfies conditions 12-3(1) to 12-3(5), the proponent must submit a separate summary of the relevant **Confirmed** GHG Abatement Program to the **CEO**, which must:
 - (1) include a summary of the matters specified in conditions 12-3(1) to 12-3(5); and

- (2) be published as required by condition 12-13(2).
- 12-9 The proponent must implement the most recent version of the **Confirmed** GHG Abatement Program until the **CEO** has confirmed by notice in writing that it has been demonstrated that the **Net GHG Emissions** limits in condition 12-1 have been met.
- 12-10 The proponent must submit an annual report to the **CEO** and the **Murujuga Key Stakeholders** each year by 31 March, or such other date within that calendar year as is agreed in writing by the **CEO** to align with other reporting requirements for **GHG**, specifying for the previous calendar year:
- (1) the quantity of **Proposal GHG Emissions**;
 - (2) the quantity of **Reservoir Emissions**;
 - (3) the quantity of **Non-Reservoir Emissions**;
 - (4) the **Total Emissions Intensity, Reservoir Emissions Intensity** and **Non-Reservoir Emissions Intensity**, including calculations and calculation methodology for each; and
 - (5) the tonnes of **LNG** produced (loaded onto ships).
- 12-11 The proponent must submit to the **CEO** and the **Murujuga Key Stakeholders** by 31 March 2026 or such other date within that calendar year as is agreed by the **CEO** in writing to align with other reporting requirements for **GHG**, and every five (5) years thereafter:
- (1) a consolidated report specifying:
 - (a) for each of the periods specified in condition 12-1 that have lapsed, the matters referred to in condition 12-10(1) to 12-10(5);
 - (b) for the period specified in condition 12-1 that ended on 31 December of the year before the report is due:
 - i. the quantity of **Proposal GHG Emissions, Reservoir Emissions** and **Non-Reservoir Emissions**;
 - ii. the **Net GHG Emissions**;
 - iii. the type, quantity, identification or serial number, and date of retirement or cancellation of any **Authorised Offsets** which have been retired or cancelled and which have been used to offset **Proposal GHG Emissions** for the purposes of complying with condition 12-1, including written evidence of such retirement or cancellation; and

- iv. any measures that have been implemented to avoid or reduce **Proposal GHG Emissions**; and
- (2) an audit and peer review report of the consolidated report required by condition 12-11(1), carried out by an independent person or independent persons with suitable technical expertise dealing with the suitability of the methodology used to determine the matters set out in the consolidated report, whether the consolidated report is accurate and whether the consolidated report is supported by credible evidence.

12-12 A consolidated report referred to in condition 12-10(1) must be accompanied by:

- (1) a revision of the **Confirmed** GHG Gas Abatement Program under condition 12-6(2)(b); and
- (2) a separate summary report, covering each of the periods specified in condition 12-1, and which includes:
 - (a) a graphical comparison of **Net GHG Emissions** with the **Net GHG Emissions** limits detailed in condition 12-1;
 - (b) proposal **Total Emissions Intensity** compared to comparable facilities;
 - (c) a summary of any measures to avoid or reduce the **Proposal GHG Emissions** undertaken by the proponent; and
 - (d) a clear statement as to whether limits for **Net GHG Emissions** set out in condition 12-1 have been met, and whether future **Net GHG Emissions** limits are likely to be met, including a description of any reasons why those limits have not been, and/or are unlikely to be met.

12-13 The proponent must make the **Confirmed** GHG Abatement Program, the summary of that program required by condition 12-8, and all reports required by condition 12 publicly available on the proponent's website within the timeframes specified below for the life of the proposal, or in any other manner and for any other timeframe specified in writing by the **CEO**:

- (1) any **Confirmed** GHG Abatement Program, within two weeks of receiving written confirmation from the **CEO** that it satisfies the requirements of conditions 12-3(1) to 12-3(5);
- (2) the summary of any **Confirmed** Pluto LNG Facility Greenhouse Gas Abatement Program referred to in condition 12-8 and the reports referred to in conditions 12-10, 12-11 and 12-12 within two weeks of submitting the document to the **CEO**.

12-14 From the date of issue of Ministerial Statement 757 up to the 31 December 2020, the proponent must provide a greenhouse gas offset package which, as a minimum, offsets the reservoir carbon dioxide released to the atmosphere during that period, to the requirements of the **CEO**.

[signed on 15 August 2023]

Hon Reece Whitby MLA
MINISTER FOR ENVIRONMENT; CLIMATE ACTION

Affected decision-making authorities consulted under section 46(8A):

Minister for Aboriginal Affairs Minister for Lands Minister for Mines and Petroleum

Table 3: Abbreviations and Definitions

Acronym or Abbreviation	Definition or Term
Authorised Offsets	<p>Units representing GHG Emissions issued under one of the following schemes and cancelled or retired in accordance with any rules applicable at the relevant time governing the cancellation or retiring of units of that kind:</p> <ul style="list-style-type: none"> (a) Australian Carbon Credit Units issued under the <i>Carbon Credits (Carbon Farming Initiative) Act 2011</i> (Cth); (b) Verified Emission Reductions issued under the Gold Standard program; (c) Verified Carbon Units issued under the Verified Carbon Standard program; or (d) other offset units that the Minister has notified the proponent in writing meet integrity principles and are based on clear, enforceable and accountable methods.
CEO	The Chief Executive Officer of the Department of the Public Service of the State responsible for the administration of section 48 of the <i>Environmental Protection Act 1986</i> , or his delegate.
Confirmed	Means, at the relevant time, in relation to a plan required to be made and submitted to the CEO , the plan that the CEO confirmed, by notice in writing, meets the requirements of the relevant condition.
GHG Emissions or CO₂-e	Greenhouse gas emissions expressed in tonnes of carbon dioxide equivalent (CO ₂ -e) as calculated in accordance with the definition of 'carbon dioxide equivalence' in Section 7 of the <i>National Greenhouse and Energy Reporting Act 2007</i> (Cth), or, if that definition is amended or repealed, the meaning set out in an Act, regulation or instrument concerning greenhouse gases as specified by the Minister.
Environmental Commissioning	The activities undertaken after construction to verify that the equipment does not create adverse impacts and performs to the required specifications.
Greenhouse gas or GHG	Has the meaning given by Section 7A of the <i>National Greenhouse and Energy Reporting Act 2007</i> (Cth) or, if that definition is amended or repealed, the meaning set out in an Act, regulation or instrument concerning greenhouse gases as specified by the Minister.
LNG	Liquefied natural gas
Mtpa	Million tonnes per annum

Acronym or Abbreviation	Definition or Term
Murujuga Key Stakeholders	Means the following: <ul style="list-style-type: none"> • Murujuga Aboriginal Corporation as representative of the following five traditional Aboriginal language groups: <ul style="list-style-type: none"> ○ Ngarluma People ○ Yaburara People ○ Yindjibarndi People ○ Mardudhunera People ○ Wong-Goo-Tt-Oo People.
Net GHG Emissions	Proposal GHG Emissions for a period less any reduction in GHG Emissions represented by the cancellation or retirement of Authorised Offsets which comply with the Timing and Reporting Requirements .
Non-reservoir Emissions	Proposal GHG Emission other than Reservoir Emissions .
Non-Reservoir Emissions Intensity	Non-Reservoir Emissions per tonne of LNG produced from the proposal.
Proposal GHG Emissions	GHG Emissions (including Reservoir Emissions) released to the atmosphere as a direct result of an activity or series of activities that comprise/s or form/s part of the proposal.
Reservoir Emissions	Proposal GHG Emissions that were separated (from the natural gas) in an acid gas removal unit and released unused and unprocessed.
Reservoir Emissions Intensity	Reservoir GHG Emissions per tonne of LNG produced from the proposal.
Timing and Reporting Requirements	The Timing and Reporting Requirements are that the Authorised Offsets: <ol style="list-style-type: none"> (a) were cancelled or retired between 1 January of the relevant period until 31 March in the year after the period ends (or such other date within that calendar year as agreed in writing by the CEO); (b) have been identified as cancelled or retired in the relevant report as required by condition 12-11(1)(b)(iii); (c) have not been identified as cancelled or retired in any prior report as required by condition 12-11(1)(b)(iii); and (d) have not been used to offset any GHG Emissions other than Proposal GHG Emissions; and (e) were not generated by avoiding Proposal GHG Emissions.
Total Emissions Intensity	Proposal GHG Emission per t of LNG produced from the proposal facility.
t	Tonnes