REPORT

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2025 GREENHOUSE GAS EMISSIONS ANNUAL REPORT

ALBEMARLE KEMERTON PLANT

MINISTERIAL STATEMENTS 1085 & 1187

REVISON HISTORY

Revision No.	Revision Date	Prepared By	Reviewed By	Approved By
0	27 Feb 2026	Darren Coulson	Bronwyn Bell	Tom Baddeley

AMENDMENT HISTORY FOR LATEST REVISION

Clause(s)	Details of Change:

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1 INTRODUCTION

This report is the 2025 greenhouse gas emissions annual report for the Albemarle Kemerton Plant (**Proposal**) and has been prepared by Albemarle Lithium Pty Ltd to fulfil the requirements of Ministerial Statement (**MS**) 1187, Condition 9-8:

> *"The proponent shall submit an annual report to the CEO each year by 31 March, commencing on the first 31 March after the Commencement of Operations, or such other date within that financial year as is agreed by the CEO to align with other reporting requirements for GHG, specifying for the previous calendar year:*
>
> *(1) the quantity of Proposal GHG Emissions and lithium hydroxide produced; and*
>
> *(2) the Emissions Intensity for the proposal."*

The scope of this report is the 2025 calendar year and all greenhouse gas emissions have been determined using the appropriate methods required by the National Greenhouse and Energy Reporting (Measurement) Determination 2008 (NGER Determination) as amended and applicable for the relevant reporting year.

It should be noted that the annual period for the Commonwealth's NGER reporting scheme is on a financial year (**FY**) basis. Ministerial Statement 1187 requires reporting on a calendar year (**CY**) basis and the 2025 FY NGER Report therefore represents a different time period to that presented in this report.

For the reporting period applicable to this report – 1 January 2025 to 31 December 2025 – Kemerton's emissions limits fall under clauses 9-1(2) and 9-2(2) of MS 1187, being part of the 1 January 2025 to 31 December 2029 period. Additionally, as operations commenced prior to 31 December 2024, clause 9-3 no longer applies to the facility and is not required to be utilised.

This is the fourth annual report (CY). Previous reports are available on the Albemarle public website[1] and this report will be published to the website following submission to the Western Australian Government's Department of Water and Environmental Regulation (DWER).

2 DEFINITIONS AND ABBREVIATIONS

Term	Definition
CO_2^{-e}	Carbon dioxide equivalence, the amount of the gas multiplied by a value specified in the regulations in relation to that kind of greenhouse gas.
CY	Calendar Year
DWER	Department of Water and Environmental Regulation
Facility	Is a single enterprise that undertakes an activity, or a series of activities that involve greenhouse gas emissions, the production of energy or the consumption of energy. The facility for this annual report is the Albemarle Kemerton Plant (Proposal).
FY	Financial Year
GHG	Greenhouse Gas, all greenhouse gases mentioned in the NGER Act

[1] Annual Reports for greenhouse gas emissions available at https://www.albemarle.com/au/en/australia-regulatory-index

Term	Definition
LHM	Lithium Hydroxide Monohydrate, the primary product for the Albemarle Kemerton Plant
NGER	National Greenhouse and Energy Reporting
NGER Determination	The NGER Determination 2008 as it applies to the current reporting year
Proposal	Albemarle Kemerton Plant, as defined by Ministerial Statements 1085 and 1187
PS	Power Station
Scope 1	Emission of greenhouse gas, in relation to a facility, means the release of greenhouse gas into the atmosphere as a direct result of an activity or series of activities (including ancillary activities) that constitute the facility.
Scope 2	Emission of greenhouse gas, in relation to a facility, means the release of greenhouse gas into the atmosphere as a direct result of one or more activities that generate electricity, heating, cooling or steam that is consumed by the facility but that do not form part of the facility.
SWIS	South West Interconnected System
t CO_2^{-e}	Tonnes of carbon dioxide equivalent

3 PROPOSAL GHG EMISSIONS

During 2025 CY, operational activities occurred at the Albemarle Kemerton Plant. The main Scope 1 emissions relate to consumption of pipeline natural gas and input materials such as limestone in processing. Scope 2 emissions are calculated from electricity usage from the South West Interconnected System (**SWIS**). The Albemarle Kemerton Plant does not generate its own electricity and therefore on-site electricity generation is not now nor historically relevant for Scope 1 emissions. There are therefore no data to report for the **Net PS GHG Emissions** or against the authorised **Net PS GHG Emission** limit in MS 1187. Emissions remain well below the projected and authorised limits approved for the facility.

Table 1 Kemerton Annual and Cumulative GHG Emissions and Authorised Limits 2021 - 2025

Period	Scope 1 Emissions	MS 1187, 9-1 Scope 1 Limit	Scope 2 Emissions	Scope 1 + 2 Total Emissions
	(t CO2-e)			
1 Jan 2021 - 31 Dec 2024	54,560	956,000 *(*930,000)*	71,493	126,053
1 Jan 2025 - 31Dec. 2029	12,761 *(2025 CY)*	1,195,000	24,180	36,941

** Kemerton Plant was not operational for 2021. The pro-rata limit (**Reduced Net GHG Emissions**), taking into account the reduced operational period (ie: **Commencement of Operations** and **Commencement Date**), is 930,000 tCO_2^{-e}.*

4 LITHIUM HYDROXIDE PRODUCED

The primary product produced at the Albemarle Kemerton Plant is lithium hydroxide monohydrate (**LHM**).

Table 2 Kemerton Annual and Cumulative Lithium Hydroxide Production 2022-2025

Years	Units	2022 CY	2023 CY	2024 CY	2025 CY
Lithium Hydroxide Monohydrate Produced	tonnes	126	3,196	6,718	6,204
Cumulative Total	tonnes	126	3,322	10,040	16,244

5 EMISSIONS INTENSITY

The Albemarle Kemerton Plant's emissions intensity for Scope 1 emissions is provided below. A comparison to previous reporting periods is also provided. The emissions intensity has decreased year on year due to more efficient plant and processing operations and economies of scale.

Table 3 Kemerton Annual Emissions Intensity for 2022 -2025

	Lithium hydroxide produced	Net Plant GHG Emission (Scope 1)	Emissions Intensity (Scope 1)	Net Plant GHG Emission (Scope 1 & 2)	Emissions Intensity (Scope 1 & 2)
Units	tonne product	tCO_2^{-e}	tCO_2^{-e} / tonne product	tCO_2^{-e}	tCO_2^{-e} / tonne product
2022 CY	126	9,500	75	23,048	182.92
2023 CY	3,196	18,088	5.7	43,023	13.46
2024 CY	6,718	26,972	4	59,982	8.93
2025 CY	6,204	12,721	2.05	36,941	5.95

The emissions intensity has been calculated using the Net Plant GHG Emissions and production as shown below.

$$Emission\ intensity = \frac{Net\ Plant\ GHG\ emissions}{Lithium\ hydroxide\ produced}$$