



3 June 2024

Department of Planning, Housing and Infrastructure
Locked Bag 5022
Parramatta, NSW, 2124

Attention: Stephen O'Donoghue (Director Resource Assessments)

Dear Stephen

PROJECT APPROVAL 07_0084 – LONG TERM ASH MANAGEMENT STRATEGY (CONDITION 4A.1) GOAL EXTENSION

In accordance with Schedule 2 Condition 4A.1 of Project Approval 07_0084 (the approval), Origin Energy Eraring Pty Ltd (Origin) are required to prepare and implement a Long-Term Ash Management Strategy (LTAMS) for the site. The condition requires the achievement of a mandatory goal of 80% reuse or recycling of ash from the Eraring Power Station (EPS).

On 26 May 2023, Origin submitted an extension request to the Department of Planning, Housing and Infrastructure (DPHI) (formerly the Department of Planning and Environment) to achieve the mandatory 80% reuse or recycling goal until the FY 23/24 reporting period. On 23 June 2023, the DPHI formally approved the extension request.

On 26 October 2023, in accordance with Schedule 2, Condition 4A.2 of the approval, Origin submitted the FY 22/23 LTAMS report to the DPHI which reported Origin had achieved a reuse or recycling amount of ~49% of all produced during the reporting period. The report detailed commercial and customer supply issues which persisted during the reporting period reducing the amount of ash that was able to be reused or recycled.

The amount of ash Origin is able to recycle is partially dependent on the removal of regulatory barriers which currently limit the ash market's expansion. These regulatory limitations include:

- Misalignment of coal ash quality standards between the Australian Standards and the Transport for NSW (TfNSW) standards;
- Limitations set by TfNSW standards governing the maximum amount of coal ash used in roads; and
- Uncertainty regarding application of resource recovery legislation to coal ash reuse.

During the FY 23/24 reporting period Origin has continued to work towards increasing ash reuse and recycling in accordance with the approval and LTAMS, however has faced ongoing restraints which inhibit increasing the levels of ash recycling.

Table 1 below summarises Origin's ash recycling data up until the end of April 2024. As shown, it is forecast that an ~45% reuse or recycling value will be achieved during the FY 23/24 reporting period.

As such, Origin is unlikely to achieve the mandatory 80% reuse or recycling goal during the FY 23/24 reporting period and formally requests under Schedule 2, 4A.1 (a) of the approval an extension to achieve the requirement until the FY 24/25 reporting period.

Table 1: Ash Production and Recycling

Month	Ash Production (t)	Ash Recycled (t)	Recycled (%)
Jul-23	139,642	49,154	35
Aug-23	116,818	52,066	44
Sep-23	104,953	57,047	54
Oct-23	113,746	85,078	74
Nov-23	94,115	68,078	72
Dec-23	126,664	39,305	31
Jan-24	144,029	32,613	22
Feb-24	146,662	50,305	34
Mar-24	131,142	56,489	43
Apr-24	123,295	48,247	39
May-24	120,000*	62,700*	52*
Jun-24	120,000*	64,100*	53*
TOTAL	1,481,066**	665,182**	45%**

* Forecast totals

** Calculated including forecast totals

Origin is continuing to undertake projects into the next reporting period to facilitate an uplift in ash recycling potential:

- Continued construction of additional ash recycling silos within the EPS footprint (modification area 1) in accordance with the Modification 2 of the approval. A stage of the construction work is expected to be operational with increased capacity by the end of June 2024;
- Approval to construct further ash recycling infrastructure in the modification area 2 as part of Modification 2 of the approval;
- Reestablishment of supply of ash to a primary customer undertaking mine rehabilitation which was temporarily ceased during June 2022; and
- Origin is currently undertaking an assessment to construct an improved access route via the Newstan-Eraring Private Coal Road to Awaba Road. This will provide an additional transport route for ash haulage and manage an increase in ash trucks on Wangi Road. The proposed project is progressing and is expected to allow for increased recycling into FY 24/25.

Additionally, in accordance with Schedule 2, Condition 4A.2 of the approval, Origin will prepare and submit an annual report to demonstrate annual progress of reuse and recycling of ash by the end of October 2024.

Should you require any further information please contact James Epstein (Senior Environment & Community Business Partner) on 0473 246 249 or email James.Epstein@originenergy.com.au

Regards



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LTAMS Goal Extension Request - May 2024 (Condition 4A.1)

Final Audit Report

2024-06-03

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