

## Summary of MYMP Plan: Russell Vale Colliery

### Introduction

This summary has been prepared to accompany a plan being submitted under section 65(3)(e) of the *National Greenhouse and Energy Reporting (Safeguard Mechanism) Rule 2015 (SM Rule)*, which itself is part of an application for the Clean Energy Regulator (**CER**) to declare the period from the financial year 2024-2025 to the financial year 2027-2028 as a declared multi-year monitoring period (**MYMP**) for the coal mine facility Russell Vale Colliery (**RVC**).

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#### **1. A description of the activity(s) and how they will reduce the facility's net emissions**

RVC's covered emissions are near entirely a result of coal mine waste gas (**CMWG**) being ventilated from underground via three 'portals' (ie the entry points to the mine), with a small portion coming from an already-decommissioned part of RVC. It is expected that sealing these three 'portals' will significantly reduce RVC's covered emissions.

A mining services provider has been engaged to design, engineer and implement a secure, long-lasting sealing system. The sealing process has two stages: (i) 'initial' or 're-entry' sealing; and (ii) 'final' sealing. Whilst the seals required for both (i) and (ii) will be inserted at the same time, the 'final' seals will "remain open until the decision is made to finally seal the mine".

Once the 'initial' seals are in place, the portals will be sealed to a 20psi explosion rating and will have "U tube water traps installed within them" (making them effectively airtight). This is the case for both the 'initial' seals and the 'final' seals, meaning that RVC's covered emissions should be significantly reduced as soon as the 'initial' seals are installed in late November 2025.

#### **2. Financial year(s) the activity(s) is expected to start**

The 'sealing' activities are expected to be completed (such that the portals are sealed and airtight) by the end of November 2025.

#### **3. The expected net emissions amount for the MYMP, if the activity(s) proceed as planned, including the financial year in which the amount of the facility's covered emissions is expected to be below the baseline emissions number**

The expected net emissions amount for RVC for the MYMP is 244,996 tCO<sub>2</sub>-e.

The first financial year in which RVC's covered emissions are expected to be below its baseline emissions number is 2025-2026.