

30 November 2022

Joint Announcement to ASX

Cliff Head Joint Venture

Effectively held by the following group entities:

ASX: TEG Triangle Energy (Global) Limited - 78.75%

ASX: PGY Pilot Energy Limited - 21.25%

CLIFF HEAD JOINT VENTURE

Significant Upgrade to WA 31-L CO₂ Storage Contingent Resource and Submission to NOPTA for Initial CCS Regulatory Approval

Highlights:

- **Significant upgrade to Cliff Head CO₂ storage resource:** 2C contingent CO₂ storage resource increased ~50% to 9.7 million tonnes (100%). This is sufficient to facilitate CO₂ injection over ~15 years at a rate of 665,000 tonnes per annum
- **Potential CO₂ storage estimated at up to 50 million tonnes:** Technical analysis indicates substantial additional storage capacity before CO₂ plume reaches a tenement boundary
- **Lodgement of initial Cliff Head CCS regulatory application with NOPTA** to “Declare an identified Greenhouse Gas storage formation” (**Declaration**) across WA-31-L
- **Preparing to commence Project FEED** - Following the declaration, the Cliff Head Joint Venture (**CHJV**) will complete all steps to enable final investment decision on the Cliff Head CCS Project, including all regulatory submissions and FEED.

Overview

The CHJV is pleased to announce that there has been material progress on the Cliff Head CCS Project, after the successful lodgement of its application to the National Offshore Petroleum Titles Authority (NOPTA) for a Declaration of an identified Greenhouse Gas storage formation (Declaration). The Declaration is the initial regulatory approval for an offshore CCS project and facilitates the CHJV progressing to apply for a CO₂ injection licence.

In addition, the CHJV is pleased to announce that CO2Tech (CHJV CO₂ storage subsurface adviser) has revised the contingent storage resource estimate, resulting in a **50% increase in the CHJV 2C contingent CO₂ storage resource for the WA-31-L tenement area from 6.4 million tonnes to 9.7 million tonnes (100% basis)**. This increased storage resource is sufficient to facilitate CO₂ injection over approximately 15 years at a rate of 665,000 tonnes per annum.

Cliff Head CO₂ Storage Resource Upgrade

Over the past six months, the CHJV technical teams, along with CO2Tech, have undertaken a full technical assessment of the CO₂ storage potential across the WA-31-L tenement area. This work stream expanded key technical models to cover the entire WA-31-L and adjacent area (expanding into Pilot's 100% held WA-481-P exploration licence).

The expanded technical data set has supported the CHJV's submission to NOPTA for the Declaration of an identified greenhouse gas storage formation and has resulted in a 50% increase in the CCS Project 2C contingent resources to 9.7 million tonnes (prepared in accordance with the SPE SRMS).

The upgraded resource also involves a revised approach to the CCS development with a new CO₂ injection well to be drilled downdip from the field instead of converting 5 existing wells, with the existing wells being retained for pressure maintenance and monitoring. The capital cost of the simplified development plan is under review however, it is expected to fall within the previous guidance of \$110 million for 665,000 tonnes per annum injection capacity with up to a further \$60 million to expand injection capacity to 1.1 million tonnes per annum.

The CHJV's application is one of the first applications to be made under the *Offshore Petroleum and Greenhouse Gas Storage Act 2006* (OPGGS Act) and the *Offshore Petroleum and Greenhouse Gas Storage (Greenhouse Gas Injection and Storage) Regulations 2011* (the Regulations). **As such, a key principle underpinning this technical work was to present a conservative assessment of the CO₂ storage potential across the tenement area.**

Figure 1 below is a series images taken from the new reservoir model which demonstrate the migration of the injected CO₂ plume as it progresses from the new injection well in the southern area of the tenement. It is important to note that the location of the stabilised plume (after 15 years and 100 years) is well within the red outline that illustrates the WA-31-L tenement boundary.

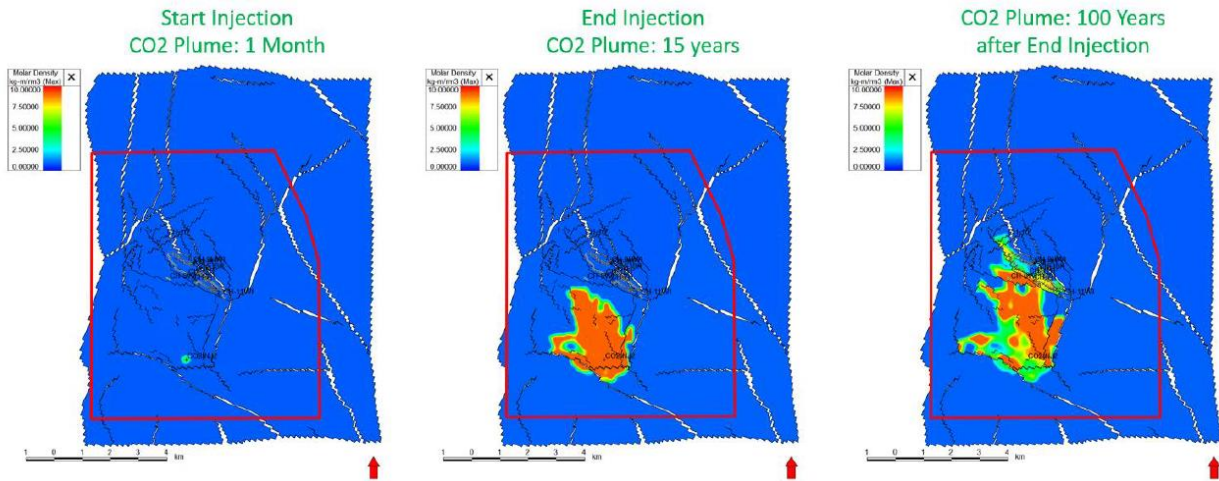


Figure 1. CO₂ plume migration 2C case

The regulatory submission to NOPTA also considered a maximum CO₂ injection scenario which highlights the conservative nature of the current contingent resource assessment. This scenario indicates that approximately 50 million tonnes of CO₂ can be injected into the southern region of the WA-31-L area without the plume reaching the western tenement boundary (Figure 2).

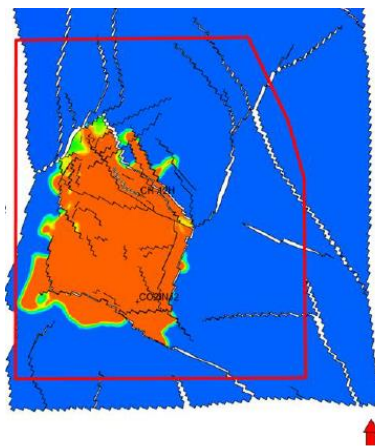


Figure 2. Southern region maximum 50 MT CO₂ plume migration

Cliff Head CCS Project status

Regulatory approval for the Declaration over the WA-31-L tenement area as an identified greenhouse gas storage resource by NOPTA will trigger the restructure of the CHJV (subject to regulatory approval) which will result in Pilot holding a 60% direct operated participating interest in both the CHJV (oil project) and the Cliff Head CCS Project, and Triangle holding a 40% direct participating interest in both projects.

Key steps to enable FID on the Cliff Head CCS Project include the following:

- Permitting – Continued engagement with regulators to secure the necessary regulatory approvals;
- Commercial Offtake – Engaging with prospective parties for carbon management services;
- EPCM Contractor – Commence engagement with potential EPC contractors;
- Detailed Front-End Engineering & Design (FEED) and costings for the CCS project; and
- Capital – Continued engagement for potential partnership arrangements for the CCS project.

ENDS

Approved for release by:

Mr Conrad Todd
Managing Director
Triangle Energy (Global) Limited

Mr Tony Strasser
Managing Director
Pilot Energy Limited

For more information:

E: ctodd@triangleenergy.com.au

E: tstrasser@pilotenergy.com.au

About Triangle Energy (Global) Limited

Triangle Energy (Global) Ltd (**ASX:TEG**) is an ASX listed oil producer and explorer based in Perth, Western Australia. The Company has a 78.75% interest in, and is Operator of, the producing Cliff Head Oil Field, which includes the Arrowsmith Stabilisation Plant. Triangle also has a 100% interest in the L7 production licence and the adjacent EP 437 permit, both located in the Perth Basin. Triangle also has a substantial equity interest in State Gas Ltd (**ASX:GAS**), which has an interest in four permits in Queensland. The Company continues to assess acquisition prospects to expand its portfolio of assets.

Enquiries

Henko Vos, Company Secretary | info@triangleenergy.com.au | www.triangleenergy.com.au

About Pilot Energy Limited

Pilot is currently a junior oil and gas exploration and production company that is pursuing the diversification and transition to the development of carbon management projects, hydrogen and integrated renewable energy by leveraging its existing oil and gas tenements and infrastructure to cornerstone these developments.

Pilot holds a 21.25% interest in the Cliff Head Oil field and Cliff Head Infrastructure, material working interests in WA-481-P and EP416/480 exploration permits, located offshore and onshore Western Australia, which form foundation assets for the potential development of clean energy projects in Western Australia.

Competent Person Statement

This announcement contains information on CO₂ storage resources which is based on and fairly represents information and supporting documentation reviewed by Dr Xingjin Wang, Pilot Energy Limited's Competent Person, a Petroleum Engineer with over 30 years' experience and a Master in Petroleum Engineering from the University of New South Wales and a PhD in applied Geology from the University of New South Wales. Dr Wang is an active member of the SPE and PESA and is qualified in accordance with ASX listing rule 5.1. He is a former Director of Pilot Energy Limited and has consented to the inclusion of this information in the form and context to which it appears.

Enquiries

Cate Friedlander, Company Secretary | cfriedlander@pilotenergy.com.au | www.pilotenergy.com.au