

19 February 2026

### Lance Uranium Project, Wyoming, USA

## Operational Progress and Central Process Plant Commissioning Update

#### KEY POINTS

- Peninsula remains on track to meet forecast uranium production guidance for **CY2026 of 0.4 to 0.5Mlbs**, underpinned by the installed CPP production capacity of 2.0Mlbs per annum and the accelerated development of MU-4 currently underway.
- Dual precipitation circuits at the Lance Central Processing Plant (CPP), which are used in the final stages of dried yellowcake production, are temporarily offline following the identification of installation-related issues with the agitator assemblies. Replacement agitator assembly units have been ordered for both circuits and are expected to be on site within 5-7 weeks.
- Wellfield operation and fluid circulation continue uninterrupted, preserving wellfield integrity and supporting the ongoing ramp-up activities.
- MU-4 represents **~60% of the Company's forecast uranium production for CY2026 and 2027** and remains central to Peninsula's Production Reset Plan.
  - Header House 14 (HH-14) acidification is progressing well ahead of schedule, with pH levels already reduced to an average of 2.46 S.U. and uranium rich solution expected to be turned to the CPP in late February allowing first uranium to be captured on resin from MU-4. Very encouraging uranium grades are already being reported, with the highest daily grade of uranium from one production well of **352mg/L** reported this week.
  - HH-16 acidification is also advancing ahead of plan, with average pH levels declining to 4.53 S.U. after only three weeks of the acidification process commencing.
  - HH-15 is expected to commence acidification in early March, in line with the planned MU-4 development sequence.

Further to its announcement of 22 January 2026, Peninsula Energy Limited and its wholly-owned subsidiary, Strata Energy Inc. (together **“Peninsula”** or the **“Company”**) (ASX: **PEN**, OTCID: **PENMF**) provides the following operational update on the commissioning and ramp-up of the Lance Uranium Project in Wyoming, USA.

#### Processing Plant Commissioning Progress and Precipitation Circuit Update

During routine commissioning and ramp-up activities at the Lance CPP, installation-related deficiencies were identified in the agitator assemblies in both precipitation tanks. As a result of incorrect installation by the EPC contractor, both agitators have failed and require replacement.

Both agitator units have been removed from service and replacement kits ordered directly from the manufacturer. Delivery is expected within 5-7 weeks, followed by approximately one week for installation and re-commissioning. The rectification costs (~\$0.23m) are a warranty claim under the EPC contract and the EPC contractor is working with the Company to resolve the issue as expeditiously as possible.

Before this mechanical issue was identified at a point in time that is relatively early in the ramp-up process, the precipitation circuit had achieved an average efficiency of 99% since operations commenced in September 2025.

During the rectification period:

- Wellfield operations will continue uninterrupted, maintaining optimal aquifer conditions and supporting future production.
- Available resin storage capacity (~8,000 pounds) at the front end of the CPP provides the flexibility to continue uranium recovery activities.
- Process fluids will be recirculated as required until full precipitation functionality is restored.

Due to the Lance CPP's significant installed capacity of 2.0Mlbs per annum, this minor mechanical disruption will not impact the Company's production guidance for CY2026 of **400,000 to 500,000lbs of uranium**.

While the precipitation tanks are offline, re-coating of the yet to be commissioned ion exchange (IX) and elution tanks in Phase 2 will also be finalised, providing full capacity for the IX and elution circuits by the end of March.

In addition, a Reverse Osmosis (RO) plant has been ordered to improve the water quality for the wash cycle on the plate and frame filter presses. The current site water used has elevated sodium and chlorides, which leads to above-specification levels of these elements in the final dried yellow cake product. The installation of a small RO plant for process water represents a simple, low-cost solution to resolve this issue and achieve the required product specification. The RO plant is expected to be operational within the next four to six weeks.

#### **Wellfield Optimisation and MU-4 Development**

The acidification process at HH-14, which commenced in late December 2025, is expected to be completed by the end of February, well ahead of schedule, after which uranium-bearing solution from this header house will be redirected to the Lance CPP for processing. The current average pH level is 2.46 S.U., which is nearing the targeted mining pH level of 2.0 S.U.

Very encouraging uranium grades are already being reported, with the highest daily grade of uranium from one production well of 352mg/L reported this week – already a record of peak uranium head grade for the project (including during previous periods of operation). Five other recovery wells have also achieved a daily uranium grade of >50mg/L, which represents 16% of all wells and within the first 1.7 pore volumes, noting that the August 2025 Reset Plan was prepared on the basis that 3 pore volumes would be required for the acidification process and no material uranium would be extracted until after acidification was completed.

For reference, during the prior mining period at Lance using alkaline chemistry (December 2015 through to 2019), average uranium grades from Mine Units 1 and 2 were well below 40mg/L. While still in the very early stages of uranium recovery operations in HH-14, the encouraging wellfield uranium grades being reported provide the Company with confidence that the use of commercial scale low pH chemistry will be significantly more effective than the prior alkaline chemistry.

HH-16, which commenced acidification on the 22<sup>nd</sup> of January, is also progressing ahead of schedule with a current average pH level of 4.53 S.U.

Wellfield flowrates from production wells in HH-14 and HH-16 continue to perform better than planned. The average production well flowrate across these two header houses is 12.4 GPM, exceeding the average of 12.0 GPM used when developing the Reset Plan production forecast in mid-2025.

Construction of HH-15 will be completed by the end of the month, with acidification expected to commence once uranium-rich solution from HH-14 has been turned into the plant in the coming weeks. This is in line with expectations, as noted in the operational update released to the ASX on 22 January 2026.

Once acidification is complete, the start of the leaching phase will provide the Company with a better understanding of the grade recovery curves in MU-4, which will be instrumental in defining the medium- and longer-term development and cost profile for the Lance Project.

**Peninsula Energy's Managing Director and Chief Executive Officer, Mr George Bauk, commented:**  
"Mine Unit 4 is progressing very well, with the acidification of both HH-14 and 16 tracking ahead of schedule and initial analysis indicating strong uranium grades. We expect to turn uranium rich solution from HH-14 into the processing plant by the end of the month, delivering our first uranium production from MU- 4 by early next month.

"While installation-related issues have been identified within the precipitation circuit during commissioning, the team has responded quickly to identify the cause and implement a clear rectification plan. Importantly, this work is occurring during the early ramp-up phase and does not alter our production outlook for CY2026.

"I would like to commend the Peninsula team for their hard work throughout this commissioning phase as we continue our ramp-up to become a key domestic supplier of uranium within the United States."

**- ENDS -**

This release has been approved by Peninsula's Board of Directors.

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## **ABOUT PENINSULA ENERGY LIMITED**

*Peninsula Energy Limited (ASX: PEN) is an ASX-listed uranium company which is developing a long-term uranium production business centred on its 100%-owned Lance Uranium Operation located in Wyoming, USA. The Lance Project successfully re-commenced production of dried yellowcake in September 2025 and is continuing to ramp up production under a revised production and operational plan announced in August encompassing the progressive deployment of low-pH operations, revised wellfield design and optimised production sequencing.*

*Lance is one of the largest, independent uranium projects in the US and, once back in full production, will establish Peninsula as a fully independent end-to-end producer of yellowcake. Strategically positioned within a supportive US jurisdiction, Peninsula is well-placed to become a key domestic supplier of uranium and play an important role in a clean energy future.*

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