



Honeymoon Uranium Project, South Australia

Strong construction progress puts Boss on track for production in December quarter

Honeymoon running on time and budget; Committed expenditure now totals 62% of budget

Boss Energy Limited (ASX: BOE; OTCQX: BQSSF) is pleased to announce that it is well on track to be Australia's next uranium producer, with strong progress on all fronts at its Honeymoon project.

Boss also advises that it remains fully-funded through to production, with cash on hand of A\$103M¹ and a strategic uranium stockpile valued at A\$96M² (US\$63.13M) based on current spot prices. The Company has no long-term debt.

Boss Managing Director Duncan Craib said: "All aspects of the construction are proceeding to plan, including delivery of critical equipment, wellfield development and the evaporation pond.

"Committed expenditure now totals A\$65 million, representing 62 per cent of the total capital cost budget, meaning we are currently scheduled to be on track for first production as planned in the December quarter of this year.

"This timetable was designed to ensure we are in production at the start of the next forecast uranium bull market, not half-way through it.

"With the outlook for the uranium price continuing to strengthen amid growing use of nuclear power and a shift away from Russian uranium, we are perfectly positioned as we prepare to move into the final stages of construction ahead of commissioning".

Key progress items:

- Committed expenditure under the Honeymoon re-development program totals A\$65M (or 62%) of the budgeted ~A\$105.4M CAPEX, excluding a A\$7.6M contingency, with incurred costs amounting to A\$28M.
- All critical path items remain on track for delivery in line with the project schedule. More than 123 procurement packages have been issued. The packages awarded to date are in line with the front-end engineering design (FEED) released to the ASX on 31 March 2022.

¹ As at 31 March 2023 (excluding 100% cash backed environmental bond of approximately A\$9M).

² Strategic uranium stockpile valued at A\$96M based on a spot price of US\$51.63 and US\$:A\$ exchange rate of \$0.69.

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- This includes the most significant piece of equipment, being the Ion Exchange columns, which remain on track to be fabricated and delivered on time. This order consists of approximately 500 tonnes of fibreglass custom-designed for the Honeymoon processing plant.



Image 1: First Ion Exchange cylinder winding complete.

- Boss has cash on hand of A\$103M³ and a strategic uranium stockpile valued at A\$96M⁴ (US\$63.13M) based on current spot prices, ensuring it is fully-funded through to production. The Company has no long-term debt.
- The recruitment program for a highly experienced operational and project team continues to progress to plan. All senior positions have now been filled, with the exception of those relating to the processing plant, which are yet to be advertised. In total, Boss Energy has grown its full-time employees to 62.
- Mobilisation of construction personnel continues. Contractors are assisting with specific activities under the management of the Boss Energy employees, including drillers, earth moving, and specialised SMP technicians for electrical works.

³ As at 31 March 2023 (excluding 100% cash backed environmental bond of approximately A\$9M).

⁴ Strategic uranium stockpile valued at A\$96M based on a spot price of US\$51.63 and US\$:A\$ exchange rate of \$0.69.

Recent construction milestones include:

(i) Wellfield

Construction of the three start-up wellfields is now ahead of schedule. All significant procurement items have been delivered and installed, with cold commissioning on target for June 2023. Raw water supply and liquid disposal lines (180mm poly pipe of approximately 5,800 metres) have been welded, completed and ready for use.



Image 2: Construction of the three start-up wellfields is now ahead of schedule.

(ii) Gypsum Pond

The 60,000 cubic metres excavation earthworks for the 25,000 ton gypsum pond is now complete, shaped ready for lining to be installed. The lining material has been delivered to site and the responsible contractor is mobilising to site after Anzac Day, 26 April 2023. Once finalised the gypsum pond has an expected operational life of 5 years.



Image 3: 60,000 cubic metres excavation earthworks for the 25,000 ton gypsum pond now complete.

This ASX announcement was approved and authorised by the Board of Boss Energy Limited.

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Reference to previous ASX announcements

In relation to the results of the Enhanced Feasibility Study announced on 21 June 2021, the Company confirms that all material assumptions underpinning the production target and forecast financial information included in that announcement continue to apply and have not materially changed.

Forward-Looking Statements

This announcement includes forward-looking statements. These forward-looking statements are based on the Company's expectations and beliefs concerning future events. Forward-looking statements are necessarily subject to risks, uncertainties, and other factors, many of which are outside the control of Boss Energy, which could cause actual results to differ materially from such statements. Boss Energy makes no undertaking to subsequently update or revise the forward-looking statements made in this announcement, to reflect the circumstances or events after the date of this announcement.