

13 February 2026

Australian Energy Market Operator
Level 12, 171 Collins Street
Melbourne VIC 3000

Via email: isp@aemo.com.au

To whom it may concern,

RESPONSE TO DRAFT 2026 INTEGRATED SYSTEM PLAN (ISP) CONSULTATION PROCESS

I am writing on behalf of Magnetite Mines Ltd (**Company**) in response to the Draft 2026 ISP consultation process, with specific advice regarding inputs that must be considered and that inform the further analysis being undertaken by the Australian Energy Market Operator (**AEMO**) for ElectraNet's NTx Project in South Australia.

Magnetite Mines is an ASX-listed resources company focused on the development of large-scale iron ore reserves in South Australia's (**SA**) Braemar Iron Region. The Company's Razorback Iron Ore Project (**Razorback Project**) is being developed to supply premium-grade iron ore concentrates to global steelmakers, with the ability to underpin an Australian green iron industry.

The Razorback Project is one of the largest proposed developments in regional SA (~\$2bn capital cost), targeting production of 5 million and 10 million tonnes of concentrate per annum in two stages of development. It is planned that the Razorback Project will connect to the network via a proposed network connection at the Bunday Substation (as identified in an ElectraNet Connection Options Report).

The Stage 1 Razorback Project plan incorporates:

- a load of 150MW (equivalent to the current largest single site load in South Australia)
- over 1,000 GW/hrs of consumption annually
- anticipated energisation by June 2030.

The Stage 2 project load profile is estimated at 300 MW, with an indicative targeted commissioning in 2035. Future electrification of the mining mobile equipment fleet may add to the load profile estimate although quantification of this aspect has not yet been completed.

The Razorback Project is one of the most advanced network-connected mining proposals in South Australia.

The Company has:

1. commenced formal network connection processes via ElectraNet, with initiation of the Connection Enquiry phase currently pending;
2. completed its environmental impact assessment and submitted a Mining Lease application to the South Australian Government for assessment;
3. undertaken referral processes to the Australian Government under the *Environmental Protection and Biodiversity Conservation Act 1993*; and
4. been awarded Major Project Status by the Federal Minister for Industry and Innovation.

Significance of the ElectraNet NTx Project

Magnetite Mines' proposed network connection at Bunday Substation requires a dedicated 130 km-long high voltage transmission line, scaled only to the Company's proposed demand profile. Other resources projects within the region also require bespoke (single-user) network connections solutions.

The current preferred alignment of the NTx Project – North creates a profound opportunity to support the development of the Braemar Iron Region as a major new Australian greenfield resources province of global significance, bringing renewable energy within reach of major resources projects and converting the economic potential of the region into significant investment, job creation and shared prosperity for communities.

Magnetite Mines anticipates that the NTx Project – North would:

- significantly reduce transmission infrastructure duplication, with corresponding reductions in land disturbance and environmental impact
- substantially lower the carbon intensity of mining and processing operations via enabling network-connected solutions
- lower the Razorback Project's capital expenditure profile by an estimated \$150-200 million; equivalently reducing the Project's Stage 1 capital intensity by approximately \$40 per tonne.

The Clean Energy Finance Corporation's analysis of common user transmission infrastructure in the Pilbara's North West Interconnected System¹ precisely demonstrates the value proposition of integrated solutions that are centrally facilitated, highlighting the strong potential for significant capital savings, renewable generation efficiencies, additional electrification opportunities, expanded decarbonisation outcomes and other sustainability benefits. With over 8.0 billion tonnes of mineral resources identified² and a multi-generational operating lifespan, the production potential of the Braemar Iron Region can only be realised with the provision of key enabling infrastructure³ – and the NTx Project – North is central to that endeavour.

Recommendation

Magnetite Mines recommends that AEMO includes consideration of the tangible forecasted benefits that the NTx Project – North will provide to operators in the Braemar Iron Region in line with the National Electricity Rules clause 5.22.10(c)(1). The considerable capital and operating cost reductions, coupled with major efficiency and other indirect benefits such as reduced environmental and social impacts, are important factors for the development of a 2026 ISP that establishes the necessary infrastructure to deliver on Commonwealth and State economic development policies and initiatives.

On behalf of Magnetite Mines, I welcome the opportunity to demonstrate the Company's support for the NTx Project – North and the shared value it will create for both South Australia and the nation.

With best regards,



Tim Dobson

Managing Director
Magnetite Mines Ltd

¹ https://www.cefc.com.au/media/q4sben2m/cefc_investmentinsight_electrifyingthepilbara.pdf

² <https://www.energymining.sa.gov.au/industry/geological-survey/gssa-projects/magnetite-south-australia>

³ <https://catalog.sarig.sa.gov.au/document/mesac1524>