



DOC22/720584-5
26 August 2022

The Planning Officer
Energy Resource Industry Assessments
Department of Planning, Industry and Environment
4 Parramatta Square
PARRAMATTA NSW 2150

Via Major Projects Planning Portal

Dear Ms Dunn

Thank you for the request for advice from Public Authority Consultation (PAE-47341734), requesting input from the NSW Environment Protection Authority (EPA) on the draft Planning Secretary's Environmental Assessment Requirements (SEARs) for the proposed Silver City Energy Storage System (SCES) located three kilometres north-west of Broken Hill (SSD-47065463).

The EPA note that the proposal consists of construction, installation, operation and maintenance of the proposed SCES Surface Facility and ancillary infrastructure, including:

- two 100 megawatt turbine/generator/compressor trains, switchyard, office/warehouse/guardhouse, utilities (fuel and water storage) and access road;
- approximately 300 megalitre above ground water reservoir;
- approximately 250,000 cubic metre underground cavern with air and water shaft; and
- approximately 16 kilometre, high voltage (220 kilovolt) transmission line.

We have reviewed the departments draft SEARs and recommend additional information is requested in the SEAR's including:

Air

Discussion around of the potential impacts of the hot air servicing the turbine and the fate of any emissions.

Noise

An assessment of the potential noise impacts from the turbine including low frequency or tonal levels.

We have no additional information requirements or further comment to provide. If you have any questions about this request, please contact Nick van Lijf on 02 6969 0704 or via email at info@epa.nsw.gov.au.

Yours sincerely

A handwritten signature in black ink, appearing to read 'Jason Price'.

JASON PRICE
Unit Head
Regulatory Operations Regional
NSW Environment Protection Authority

Phone 131 555
Phone +61 2 9995 5555
(from outside NSW)

TTY 133 677
ABN 43 692 285 758

Locked Bag 5022
Parramatta
NSW 2124 Australia

4 Parramatta Square
12 Darcy St, Parramatta
NSW 2150 Australia

info@epa.nsw.gov.au
www.epa.nsw.gov.au