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Javier Canon
Energy Resources and Industry Assessments
Department of Planning and Environment

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Dear Javier

CONSULTATION REGARDING WARATAH SUPER BATTERY ENERGY STORAGE SYSTEM AT MUNMORAH POWER STATION SITE – SSI-48492458

Thank you for referring the Energy Corporation of NSW proposal to develop a battery energy storage facility at the site of the former Munmorah power station (Your Ref: SSI-48492458) to Subsidence Advisory NSW for comment.

The proposed location is wholly within the Swansea North Entrance mine subsidence district. The site of the Waratah Super Battery is undermined by historic workings in the Great Northern seam. The type and depth of workings varies across the site and presents differing subsidence risks.

In the first instance, a geotechnical desktop report should be commissioned in order to characterise the risk of subsidence to proposed infrastructure. Geotechnical reports must be prepared by a consultant with demonstrated experience in mine subsidence assessments. Depending on the outcomes of the geotechnical report, future infrastructure should be designed such that serviceability of the battery system and associated transmission structures is not compromised if a subsidence event occurs.

Additionally, the site is covered by an active mining lease. The leaseholder has been consulted and advises that future mining affecting the site is unlikely.

Please contact the undersigned, at subsidedevelopment@customerservice.nsw.gov.au or call (02) 4908 4300 if you have any questions or would like to discuss this advice.

Yours sincerely



Melanie Fityus
Senior Risk Engineer, Subsidence Advisory NSW

26 September 2022