

Our Ref: ID 3882
Your Ref: SSD-77238990

18 June 2026

Rachael Helsham
Department of Planning, Housing and Infrastructure
Locked Bag 5022
Parramatta NSW 2124

Via Major Portal

email: rachael.helsham@dpie.nsw.gov.au
CC: joshua.stanbury@ses.nsw.gov.au

Dear Rachael,

**State Significant Development Application for South Coree Battery Energy Storage System
(Response to Submissions)**

Thank you for considering and responding to our advice on the State Significant Development Application for South Coree Battery Energy Storage System at 384 Broockmanns Road, Finley. It is understood that the Project would involve the development, construction, operation, and decommissioning of a BESS with a capacity of up to 100MW / 400MWh and is expected to create up to 60 Project related jobs during construction and employ 2 operational staff.¹

We have reviewed the following documents provided as part of the preparation of our advice.

- NGH Consulting, 2026. Submissions Report South Coree Battery Energy Storage System
- NGH Consulting, 2026. Amendment Report South Coree Battery Energy Storage System
- NGH Consulting, 2026. Preliminary Hazard Analysis South Coree Battery Energy Storage System
- Cumulus Engineering Flood Risk Specialists, 2026. South Coree BESS Flood Impact Assessment

We refer to our previous correspondence dated 8 December 2025 (with NSW SES reference ID3532) and 17 July 2025 (with NSW SES reference ID3156). The NSW State Emergency Service (NSW SES) is the agency responsible for dealing with floods, storms and tsunamis in NSW. This role includes planning for, responding to and coordinating the initial recovery from floods. As such, the NSW SES has an interest in the public safety aspects of the development of flood

¹ NGH. 2024. Scoping Report – South Coree BESS, page 20 & 22

prone land, particularly the potential for changes to land use to either exacerbate existing flood risk or create new flood risk for communities in NSW.

In summary, NSW SES's previous advice has been addressed in the updated Flood Impact Assessment^{2 3}, and **no further comments are provided**. Specifically, we:

- **Note** the adoption of our previous advice to locate critical infrastructure being elevated approximately 200 mm above the modelled PMF level (108.04 m AHD). The project site, specifically the batteries and electrical equipment will be elevated above the 1% AEP flood level with a 500mm freeboard requirement.⁴
- **Note** that mitigation measure FH01 has been amended, and FH11 has been included to address the NSW SES advice. The measure is to increase levels to maintain adequate freeboard of BESS infrastructure to ensure the site is constructed **above the 1% AEP and PMF** event to reduce risk from flooding.⁵
- **Note** that a new mitigation measure (F11) has been included, to commit to the updated hydraulic model and Flood Impact Assessment (FIA). Detailed design will be incorporated into the hydraulic model to investigate flood behaviour. The outcomes of the modelling will be documented in an updated Flood Impact Assessment, in consultation with Council and relevant emergency services and is not expected to increase or significantly change as a result of the detailed design.⁶

Please feel free to contact Gillian Webber via email at rra@ses.nsw.gov.au should you wish to discuss any of the matters raised in this correspondence. The NSW SES would also be interested in receiving future correspondence regarding the outcome of this referral via this email address.

Yours sincerely,



Elspeth O'Shannessy
Manager, Emergency Risk Assessment
NSW State Emergency Service

² NGH Consulting, 2026. Submissions Report South Coree Battery Energy Storage System pages 48-50

³ Cumulus Engineering Flood Risk Specialists, 2026. South Coree BESS Flood Impact Assessment pages 27 - 29

⁴ Cumulus Engineering Flood Risk Specialists, 2026. South Coree BESS Flood Impact Assessment page 17

⁵ NGH Consulting, 2026. Amendment Report South Coree Battery Energy Storage System C-VIII page 57

⁶ NGH Consulting, 2026. Amendment Report South Coree Battery Energy Storage System C-VIII page 57