

4 September 2024

Regional Growth NSW Development  
[activationprecincts@regional.nsw.gov.au](mailto:activationprecincts@regional.nsw.gov.au)

Dear Sir/Madam,

**Subject: 230246 Moree BESS utilities demand**

Our client, AE BESS 2 Pty Ltd as Trustee for AE BESS 2 Unit Trust, intends to construct and operate a Battery Energy Storage System (BESS) at Bullus Drive, within the Moree Special Activation Precinct (SAP).

The Activation Precinct Certificate (APC) is required to be supported by details of the proposal's demand for utilities. According to the APC checklist, information is required on the proposed utilities demand and consumption for the proposed development, including the percentage proposed to be delivered via renewable energy (onsite and/or offsite) in respect of water, sewer, gas, stormwater, and electricity.

The required details are indicated below. These may be refined through more detailed design prior to the commencement of works.

Infrastructure	Operational requirements for proposed Moree BESS
Potable water total annually (KL/pa)	50kL annually for the proposed Operations and Maintenance building.
Non-Potable water total annually (KL/pa)	<p>Non-potable water could be used for landscaping and static firefighting supply. Required supply of water would be trucked into the site. The development does not propose any groundwater extraction on site.</p> <p>The estimated quantities are a minimum of 20kL (20,000L) as a static (retained) firefighting supply on-site.</p> <p>Landscaping establishment in the initial period of BESS operations would require 30kL to cover several watering cycles. Once established, it is expected plantings would generally not require water application.</p>
Waste/Sewage (lpd) (KL/day)	The discharge of wastewater and sewerage is not proposed. The Operations and Maintenance building would be connected to a suitably sized tank, which would be pumped out periodically and disposed of off-site by a licensed contractor.
Stormwater discharge	The proposed development has been designed to comply with the stormwater detention requirements of the Delivery Plan. Refer to accompanying Stormwater Drainage Plan and supporting report prepared by WSP.
Energy Peak Demand	Estimated peak load of 2MW for the auxiliary supply required by the BESS. This supply will be via the same underground transmission

Infrastructure	Operational requirements for proposed Moree BESS
	cable connecting the proposed BESS to the neighbouring TransGrid Moree Bulk Supply Point substation.
Gas Peak Demand	Nil.
Hydrogen Peak Demand	Nil.
Heat or steam requirements	Nil.
Digital connectivity (Fibre, NBN, Satellite) and speciality telecommunications	A dedicated NBN connection to site would be required. The BESS would likely be equipped with cellular and satellite communications. Fibre optic and internet connection to the neighbouring TransGrid Moree Bulk Supply Point substation.

Please do not hesitate to contact me on 0401 931 355 or David Canterbury on 0403 709 813. We would be pleased to discuss further or provide further information if required.

Yours sincerely,



**Stephanie Kurta**

Technical Lead – Town Planning  
0401 931 355