

14 November 2024

TfNSW Reference: SYD24/01837/01
DPHI Reference: SSD-77443244



Ms Kiersten Fishburn
Secretary
Department of Planning, Housing, and Infrastructure
Locked Bag 5022
Parramatta NSW 2124

Attention: Pragya Mathema

**REQUEST FOR SECRETARY'S ENVIRONMENTAL ASSESSMENT REQUIREMENTS (SEARS)
HOMEBUSH BATTERY ENERGY STORAGE SYSTEM (BESS)
10 HOMEBUSH BAY DRIVE, HOMEBUSH**

Dear Ms Fishburn,

Thank you for providing Transport for NSW (**TfNSW**) an opportunity to provide input to the Secretary's Environmental Assessment Requirements (**SEARs**) for the Homebush Battery Energy Storage System at 10 Homebush Bay Drive Homebush.

TfNSW has reviewed the submitted information and requests that the following requirements in **TAB A** to be addressed as part of the future Environmental Impact Statement (**EIS**) transport and traffic impact assessment component.

In addition to the above, TfNSW advises that as the subject site is located adjacent to the WestConnex M4 (**Western Motorway**) and vehicle access is proposed via the slip road off the eastbound on-ramp to M4. As such, the Applicant should engage with WestConnex via info@westconnex.com.au directly prior to preparing any EIS.

Should you have any questions regarding the above, please contact Annelly Ketheson, Land Use Planner, on phone 9983 2731 or via email at development.sydney@transport.nsw.gov.au.

Yours sincerely,

A handwritten signature in black ink that reads "B. Pegg".

Brendan Pegg
Senior Manager Land Use Assessment Central and Western
Transport Planning, Planning, Integration and Passenger Division

TAB A – TfNSW requirements

- Details of all traffic types and volumes likely to be generated during construction and operation, including a description of haul routes and vehicle types. Traffic flows are to be shown diagrammatically to a level of detail sufficient for easy interpretation.
- An analysis of the existing traffic network, including the road hierarchy, current and future daily peak hour (light and heavy) vehicle movements and existing performance levels of nearby intersections.

Specifically, TfNSW requests further assessment of the following signalised intersections:

- Homebush Bay Drive/ slip road off eastbound on-ramp to Western Motorway (M4)
- Centenary Drive/ Homebush Bay Drive/ Western Motorway
- Plans demonstrating how all vehicles likely to be generated and will access the site during construction and operation and awaiting loading, unloading, or servicing can be accommodated on the site to avoid queuing in the street network.
- A forecast of additional daily and peak hour vehicle movements because of the proposal and identification of potential traffic impacts on road capacity, intersection performance and road safety (including pedestrian and cycle conflict).
- Undertake traffic and network modelling to understand the impacts of the development site and intersections (using SIDRA modelling or similar at 5-year intervals), plus any traffic changes as a result any planned or committed road projects.
- Proposals to mitigate any traffic impacts, including intersection upgrades to achieve acceptable performance.
- Detailed plans of the site access and proposed layout of the internal road and pedestrian network and parking on site in accordance with the relevant Australian Standards and Council's DCP.
- Swept path diagrams depicting vehicles entering, exiting and manoeuvring throughout the site.
- Details of road upgrades, infrastructure works, or new roads or access points required for the development.