



23 July 2025

REF: WTJ23 -619

NSW Department of Planning Housing and Infrastructure
Parramatta Square,
12 Darcy Street
Parramatta NSW 2150

Attention: Jeffery Peng – Senior Assessment Officer

**Response to request for additional information
SSD-67407231 Apollo Place Data Centre**

Dear Jeff,

Reference is made to the letter issued by NSW DPHI dated 18 July 2025 in relation to SSD-67407231 for the construction and operation of the Apollo Place Data Centre. In response to the matters raised, we provide the following:

1. *Expected staff occupancy within the ancillary office areas and parking requirements of the existing and proposed data centre, with reference to the relevant information in the original, EIS, RTS and Modification Assessments for SSD-9741.*

Response: This information has previously been provided to support the Response to Submissions dated within Appendix C1, Section 4.0. As noted in this report, operations at the data centre are to be 24/7 with a maximum of 43 staff on site at peak time. The proposed consolidated development will provide 72 spaces which will be sufficient for the staff numbers. The remaining 29 spaces could be provided for staff during the night shift who will be arriving while the day shift is still in operation. The excess parking also accommodates the limited demand for visitors and maintenance workers.

It is noted the above has also been clarified in an updated assessment provided with Modification 4 to SSD-9471.

2. *Operational staff pedestrian connectivity between the existing and proposed data centre (i.e. how the operational staff will enter and exit the new data centre facility).*

Response: Lane Cove West and Apollo Place data centres will be situated on the 1 campus following the approval of the SSD-67407231 (Apollo Place DC) and MOD4 to SSD 9741 (Lane Cove West DC). Access to the campus will be via the vehicle and pedestrian access via the 1 Sirius Road driveway. Operational staff will then progress to the designated entrances for either Lane Cove West or Apollo

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Place data centre using marked pedestrian walkways through the parking area. Operational staff and visits will then sign in through security at either of the data centre entrances.

There is also a link bridge located on level 5 Lane Cove West and L2 Apollo Place data centres, which will provide all weather connectivity between the two data centres.

3. *The engineering rationale for increasing the quantity of lithium-ion batteries on site from 55,080kg to 308,000kg, including the specific quantity required for APDC.*

Response: ARUP have prepared a memo addressing the above (**Appendix 1**), which stipulates:

The quantity and location of the batteries are determined by customer requirements. The final quantity of 308,000 kg mentioned above is based on the installed battery quantity within the fittedout area (approximately 75% of LWDC) and the expected maximum quantity for the remaining area. The data used to arrive at these quantities are derived from customers' technical data and can be summarised into two main topologies:

1. Centralised batteries: In this topology, batteries are located within a centralized area, outside of the data hall. Based on technical data, we found that the centralized batteries topology requires more battery per data hall and per IT load.

2. Distributed batteries: In this topology, batteries are distributed within the data hall, among server racks. It was found that less battery mass is required within this topology. APDC has not yet got a confirmed batteries/electrical topology.

To provide accurate data, we have provided battery quantities associated with each of the two options above. Batteries are required within data centre facilities to provide an uninterrupted power supply, allowing diesel generators to start up in the event of a mains power failure and helping to condition power supply quality. This ensures reliable communication services. Lithium batteries have become a preferred solution due to their low self-discharge and longer lifespan, contributing to a more environmentally sustainable solution.

4. *An update to the list of mitigation measures identified in Appendix D of the Submissions Report to reflect any corresponding amendments to the technical reports.*

Response: Updated mitigation measures are provided at **Appendix 2** and included in word.

Based on the responses provided herein, we kindly request that DPHI proceed to finalise the assessment and issue draft conditions for review, with a final determination issued by 8 august 2025.

Should you require further information, please contact the undersigned.

Yours Sincerely,



Andrew Cowan
Director
Willowtree Planning (NSW) Pty Ltd

