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1 December 2021

EPA Advice on Environmental Impact Statement for SSD-24299707

Dear Patrick,

Thank you for the request for advice from Public Authority Consultation (PAE-31833657), requesting review by the NSW Environment Protection Authority (EPA) of the Environmental Impact Statement (EIS) provided in support of the proposed Talavera Road Data Centre Campus Expansion (SSD-24299707) at 17 – 23 Talavera Road, Macquarie Park NSW.

The EPA has reviewed the following documents:

- *Environmental Impact Statement: Talavera Road Data Centre Campus Expansion (IC3 Super West)* (Version 1.1) – Willowtree Planning Pty Ltd – 8 November 2021.
- *Air Quality Impact Assessment: Macquarie Data Centre, 17-23 Talavera Road, North Ryde* (Version v2.2) – SLR Consulting Australia Pty Ltd – 22 October 2021
- *Noise and Vibration Report for SSDA: Macquarie Data Centres Super West* (Version 7) – Renzo Tonin and Associates – 4 November 2021
- *Detailed Site Investigation Addendum: Macquarie Park Data Centre IC3, 17-23 Talavera Road, Macquarie Park* (Version 1.1) – ERM Services Australia Pty Ltd – 14 October 2021

From review of the above documents, the EPA understand that the proposal is for the expansion of the existing data centre at 17 – 23 Talavera Road, Macquarie Park, and will comprise:

- Construction of a five-storey building extension, with:
 - Increase in total data centre capacity by an additional 33 MW (total 61MW);
 - An additional 14 data halls;
 - An additional 18 back-up generators (total 34);
 - Increase in the diesel storage capacity by an additional 418,000 L (total 638,400 L); and
 - 24 hour/7-day per week operation.

Based on the information provided, the proposal does not appear to require an environment protection licence under the *Protection of the Environment Operations Act 1997*. Furthermore, the EPA understands that the proposal is not being undertaken by, or on behalf of, a NSW Public Authority, and none of the proposed activities are activities for which the EPA is the appropriate regulatory authority (ARA). The EPA recommends that City of Ryde Council is consulted in relation to the proposal, as the relevant ARA.

The EPA has the following comments and recommendations:

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1. Matters to be addressed with conditions

a. Testing of Back-up Generators

The EPA recommends that a condition of consent be included stating that the applicant must ensure the on-site generation of electricity for emergency operations (including operation and testing) does not exceed 200 hours per annum. It is the responsibility of the applicant to apply for an environment protection licence (EPL) if they determine that the total testing time of the generators is expected to exceed 200 hours.

The EPA requests to be consulted if any aspect of the proposal is altered in a way that will result in an environment protection licence being required under the *Protection of the Environment Operations Act 1997*.

If you have any questions about this request, please contact Claire McQueeney, Operations Officer on 02 8837 6393 or via email at claire.mcqueeney@epa.nsw.gov.au.

Yours sincerely



JACQUELINE INGHAM
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