

Project: Aspect Industrial Estate Warehouse 6 & 7

Project Number: 301351424

To: Alexandra Chung, Mirvac

Date: 30/01/2025

From: Madhu Muthumalai, Stantec

Subject: Solar PV Capacity for Warehouse 6 & 7, Aspect Industrial Estate

Abstract: *This memorandum provides a clarification on the proposed solar PV capacity for Warehouse 6 and 7 in Aspect Industrial Estate.*

According to Mirvac's "Planet Positive: Mirvac's Plan to Reach Net Positive Carbon by 2030", the Group expects to achieve and exceed net zero emissions with Mirvac taking steps to reduce carbon emissions by continuing to maximise energy efficiency and developing all-electric buildings powered by 100% renewable energy.

As part of Aspect Industrial Estate located in 788-882 Mamre Road, Kemps Creek NSW 2178, Mirvac is seeking approval for the staged development of Warehouses 6 and 7. Stantec prepared an Ecologically Sustainable Development (ESD) Report to support the DA application in which a solar PV capacity of 200kW each was proposed as an aspirational solar PV array size for warehouses 6 and 7.

Mirvac conducted a feasibility exercise regarding the ideal system configuration, sizing, annual energy generation and energy consumption of the proposed warehouse footprint. This exercise determined that the effective size to accommodate the required energy outputs of the warehouses is only 100kW of solar PV each for warehouses 6 and 7.

Providing the minimum proposed 100kW solar PV capacity each for warehouse 6 and 7, rather than the aspirational 200kW solar PV capacity for each, still meets the sustainability targets presented in the ESD Report for the Aspect Industrial Estate Warehouse 6 and 7 project. It is therefore Stantec's professional opinion that the proposed 100kW solar PV array per warehouse is still aligned with the ESD Report provided for the DA.

Regards,

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