

LOGOS Property
LOGOS Kemps Creek Logistics Project
Mamre Road & Bakers Lane, Kemps Creek



ELECTRICAL SUSTAINABILITY REPORT

Report by
JDG Consulting
23 June 2011

Sydney

Suite 106, Building B, 20B Lexington Drive, Bella Vista NSW 2153
PO Box 8114, Baulkham Hills BC NSW 2153 Australia
Ph: 02 9836 5288 Fax: 02 9836 5222

www.jdgconsulting.com.au



ELECTRICAL SUSTAINABILITY

The proposed **LOGOS** Kemps Creek Logistics Project, to be located on the south-eastern side of the Mamre Road and Bakers Lane intersection at Kemps Creek, will incorporate the following energy efficiency initiatives to establish an eco-friendly industrial estate:

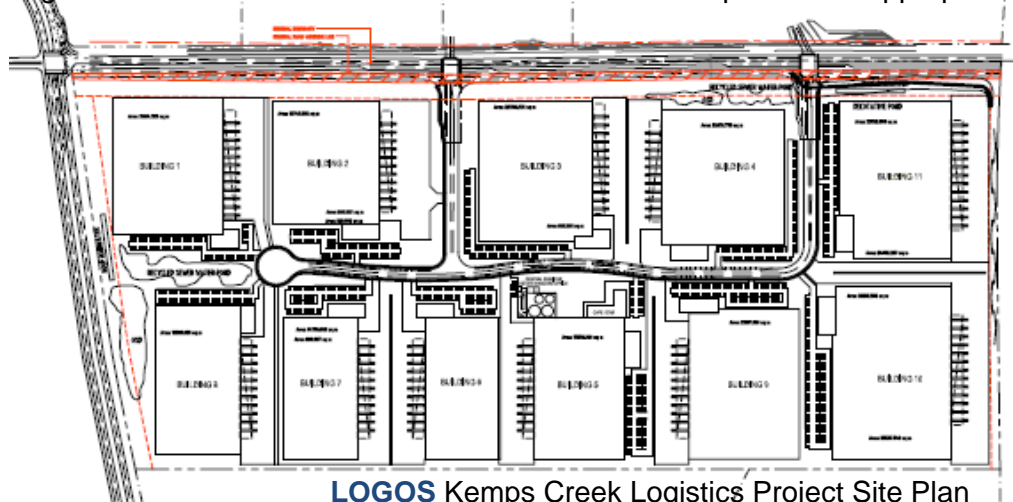
- ❖ Nominal 30kW Solar Panel Generation System to be wall mounted and located centrally within the estate to supply the following estate house services via invertors and storage batteries:

- Allowance of up to 15kW of solar panel generated supply to provide for sewer, stormwater and irrigation pumping systems that will not draw upon Supply Network (Endeavour Energy) capacity.



- Allowance of 15kW of solar panel generated battery supply to provide for road, security and access lighting using LED light sources mounted both on masts and buildings as appropriate again to not draw upon Supply Network (Endeavour Energy) capacity.

- ❖ External LED light fittings to provide AS1158.1 and AS4282 compliant illumination to the estate while minimising the estate's greenhouse impact. It is also proposed that LED light fittings will be installed within the individual estate developments as appropriate to use.



LOGOS Kemps Creek Logistics Project Site Plan