

Learning Blocks Child Care – 6.6kW Rooftop PV



GENERAL INFORMATION

Site Address: 242 New Line Road, Dural

Building Type: Commercial - Child Care/Early Learning

Daily Usage: 80kWh

EXISTING SITE

- Learning Blocks Child Care Centre are a family owned Early Learning Center
- Heavy daytime energy usage and increasing energy prices made solar an attractive investment, providing an immediate reduction in OPEX during COVID-19.

OUR SOLUTION

- A Rooftop 6.6 kW solar PV is installed (consists of 24 x Risen 275W and Huawei 5kW inverter). The system is expected to reduce the Child Cares energy usage by 32%
- The building owners was impressed by the use of non-penetrative Klip-Lok mounting and neat cable run and was happy to approve the project resulting in a great outcome for both owner and tenant.



RESULTS



Estimated
Annual Savings

\$2,805



Annual CO₂e
Reduction

23 Tonnes



Payback

1.4 Years



Annual Electricity
Consumption
Reduction

25.6 kWh