

SOLAR CASE STUDIES

Rooftop Solar Solution for Cache Logistics Trust

Cache Logistics Trust is committed to ensuring their businesses are conducted in a responsible and sustainable manner. As Cache's sustainability partner, Sembcorp customised a solar solution to suit Cache's business needs and built a 8.0 megawatt-peak rooftop solar farm atop Cache's three logistic warehouses.

The solar farm can help Cache to reduce brown energy consumption and achieve immediate energy cost savings. One of the solar facilities located at Commodity Hub, 24 Penjuru Road is also Singapore's largest rooftop solar facility in operation to date.



Grid energy consumption reduced by up to

52%*



Solar energy generated can power up to

2,050

4-room HDB flats per year**



CO₂ emissions avoided equivalent to taking

837

cars off the road per year



CO₂ emissions avoided equivalent to planting

46,443

trees per year



CO₂ emissions avoided by

3,848

tonnes per year

* Estimate is based on first year of solar PV electricity generation
** Based on EMA data

Sembcorp's Solar PV System is backed by a centralised digital platform that remotely monitors data of Sembcorp's fleet of solar systems in Southeast Asia in real-time, enabling the operations and maintenance team to have enhanced visibility for swift deployment to specific sites when needed. With the introduction of the Solar PV System, Cache is now able to reduce its grid energy consumption by up to 52%*.

INSTALLATION SPECIFICATIONS			
Company Name	Cache Logistics Trust		
Location	5 Changi South Lane	49 Pandan Road	24 Penjuru Road
System Size	887.2 kWp	825 kWp	6,310 kWp
No. of Modules	21,392		
Module Watt Class	370 Wp		
No. of Inverters	111		
Roof Type	Metal Kliplok and Reinforced Concrete Roof	Metal Kliplok	Metal Kliplok
Completion Date	1 July 2019		

Background

Listed on the Singapore Exchange on 12 April 2010, Cache Logistics Trust is a real estate investment trust ("REIT") that invests in quality income-producing industrial real estate used for logistics purposes, as well as real estate-related assets, in Asia Pacific. Cache is managed by ARA Trust Management (Cache) Limited. As at 30 June 2019, Cache's portfolio comprised 27 high quality logistics warehouse properties strategically located in established logistics clusters in Singapore and Australia.