



THE LARGEST COMMERCIAL PV PROJECT IN AUSTRALIA

Canadian Solar (Australia) is constructing 7 commercial rooftop PV systems, total 3.6 MW for IKEA in 3 states of Australia.

The Australian largest commercial PV project is owned by IKEA Australia Pty Ltd and developed by Canadian Solar Australia. The rooftop installations are constructed by using 12,122 Canadian Solar PV modules. The 3.6 MW project will span across seven IKEA sites located in Victoria, New South Wales and Queensland, and will generate enough clean energy around 4,658 MWh to offset approximately 4,700 metric tonnes of carbon dioxide annually. They are grid connected, so that any excess energy can be fed back into the National Electricity Market (NEM) for use where it is needed.

This is Canadian Solar's largest commercial PV project roll-out to date globally and emphasizes our unique position to provide our customers with total turn-key solar solutions that reduce the complexities and costs of solar system installation. Our extensive experience with large-scale rooftop installations across the globe and our capabilities in obtaining the required permits provides optimized and cost-effective engineering, procurement and construction, and operation & maintenance services, also contributed to IKEA's decision in choosing their PV partner.

»We have a long-term approach to sustainability, globally our ambition is to switch to renewable energy to become energy independent by 2020, and we're well on the way. For an installation of this size, installing solar systems on to the roofs of our stores and warehouses here in Australia is a considerable undertaking and each of our sites' has had its challenges. It's important to us and our business to ensure we have efficient, reliable high quality product together with a competitive offer, expert knowledge and experience.«

Richard Wilson
Sustainability Manager
IKEA Australia



Canadian Solar (Australia) P/L

Canadian Solar (Australia) P/L was established in Sydney in 2011 and is part of the global footprint of Canadian Solar Inc. (CSI). We offer PV panels, services in EPC and O&M and can consider ownership participation in larger-scale PV applications. Our staff was responsible for over 200 MW PV capacity developed in Australia and we have an excellent understanding of the requirements and challenges of the development and deployment of commercial and medium to larger-scale ground-based PV power plants.



PV Project

3.6 MW Roof-Top PV Projects
for IKEA Australia

City, State, Country

Logan (QLD), Rhodes (NSW),
Marsden Park (NSW), Springvale (VIC)
and Richmond (VIC), Australia

Application Type

Solar Power Generation Systems,
multi-states nation-wide deployment

Installation Type

Large Commercial Rooftop PV

Total System Size

7 projects, total 3.6 MW

Annual System Output

4,658 MWh/year

CO₂ Emission

4,742 metric Tons

System Activated

August 2014

Module Type

CS6X-P and CS6P-P

Owned By

IKEA Australia Pty Ltd

Developed By

Canadian Solar (Australia) Pty Ltd

Constructed By

Canadian Solar (Australia) in conjunction with Lamco Solutions, Smart Commercial Solar and CSA Services