



# NEXTDC M1 DATA CENTRE AUSTRALIA

## ROOFTOP INSTALLATION

- Self-consumption installation for commercial use
- All electricity produced is directly used by data center
- Australia's largest privately funded rooftop installation

402 550,000

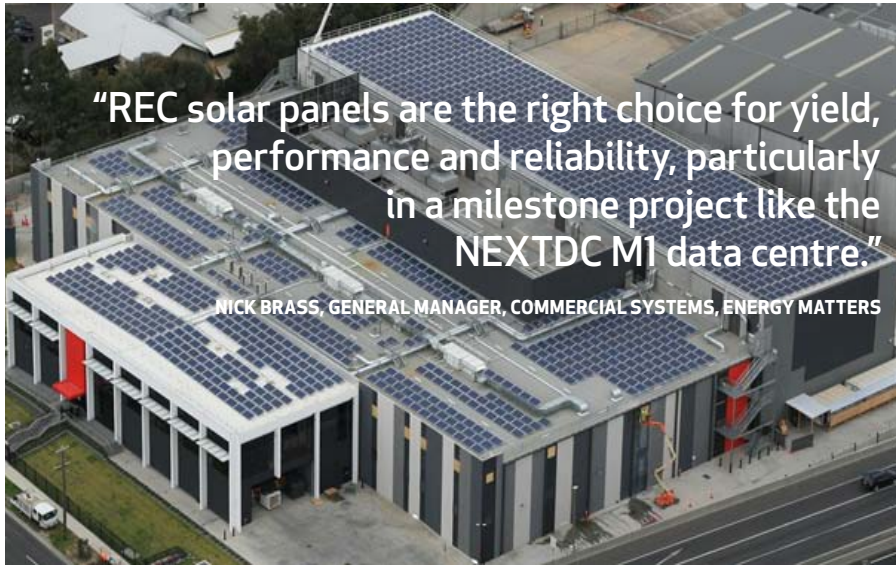
**kW**  
REC SYSTEM SIZE

**kWh**  
ANNUAL CAPACITY



**COMMERCIAL**  
INSTALLATION

Almost 3,000 m<sup>2</sup> of rooftop real estate atop NEXTDC's "M1" facility has been put to profitable use, with 1,575 REC Peak Energy Series solar panels installed. The self-consumption installation produces 5% of the site's electricity needs.



"REC solar panels are the right choice for yield, performance and reliability, particularly in a milestone project like the NEXTDC M1 data centre."

NICK BRASS, GENERAL MANAGER, COMMERCIAL SYSTEMS, ENERGY MATTERS

**THE DRIVE ACROSS MELBOURNE'S FAMOUS** Bolte Bridge is known for its unobstructed view of the city's skyline. And now, the approximately 50,000 drivers that cross the bridge each day also have an unobstructed view of 1,575 solar panels from REC.

These REC solar panels power Australia's largest privately funded rooftop solar installation, as Australian data center company NEXTDC has gone solar at "M1", its facility in Port Melbourne. By doing so, NEXTDC has turned almost 3,000 m<sup>2</sup> of rooftop real estate to profitable use.

Built by REC Platinum Partner Energy Matters, the M1 installation makes NEXTDC the first data center in Australia to use solar directly for their electricity needs and is part of the company's drive to greater self-sufficiency in power generation - a business decision that enables NEXTDC to lock down the costs of this key operational resource. The new solar system produces 5 percent of



REC is a leading global provider of solar energy solutions. With more than 15 years of experience, we offer sustainable, high performing products, services and investments for the solar industry. Together with our partners, we create value by providing solutions that better meet the world's growing energy needs. REC is headquartered in Norway and listed on the Oslo Stock Exchange (ticker: RECSOL). Our 1,600 employees worldwide generated revenues of USD 647 million in 2013.

the electricity which NEXTDC uses at this site, delivering large annual cost savings on the company's electricity bills from conventional sources.

"At Energy Matters, we believe in a world powered by solar energy. For this to take place, renewable energy equipment must be affordable, of the highest quality and easily accessible to homeowners, schools, community groups and businesses. REC solar panels are the right choice for yield, performance and reliability, particularly in a milestone project like the M1 data centre of NEXTDC," says Nick Brass, General Manager of Commercial Systems at Australian solar energy company Energy Matters.

The electricity generated by the installation would be sufficient to power 88 Australian households every day, and the system will also reduce CO<sub>2</sub> emissions by 670 tons each year, equivalent to taking approximately 200 cars off the road.

## PROJECT OVERVIEW

# NEXTDC M1 DATA CENTRE

### ROOFTOP SELF-CONSUMPTION INSTALLATION

**Owner:**

NEXTDC Limited

**Location:**

Port Melbourne, Australia

**Type of Installation:**

Rooftop, commercial, self consumption

**REC System Size:**

402 kW

**REC Solar Panel Type:**

REC 255 PE

**Number of REC Solar Panels Installed:**

1,575

**Annual Capacity:**

550,000 kWh

**Completion Date:**

December 2013

**EPC:**

Energy Matters



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