

PHOTON ENERGY NEWS RELEASE

ACT PROJECT SHOWS WHY SOLAR SHOULD PLAY A PART IN ALL PROPERTY REFURBISHMENTS

With the recent commissioning of two rooftop solar power plants totalling 347 kW as part of a general building reconstruction in the ACT, Photon Energy have again demonstrated how integrating solar power into commercial space can transform buildings and make them ready for the future. The power plants increase the overall value of the buildings. By integrating solar power into new commercial buildings, investors can achieve highest possible NABERS ratings, making their projects attractive to a wider range of tenants. As with the 1THD building in Sydney last year, this project was installed during a general renovation of an older property.

Canberra / Sydney, 02 February 2016 – The refurbishment of commercial premises in the ACT underlines how important achieving high energy efficiency is in today's property management and real estate businesses. By adding a solar power plant, the property developers effectively complemented other sustainable features such as the efficient use of natural light.

The two solar power plants in question, with a combined capacity of 347 kWp, were designed and installed by Photon Energy Australia, a subsidiary of global solar power solutions provider Photon Energy NV. In total, 1,311 solar panels cover an area of 2,850 m².

*„When buildings are refurbished or built, it is an ideal time to integrate solar power, smart demand management and energy storage. Incorporating solar power is an extremely cost effective way of adding NABERS stars“, says **Managing Director Michael Gartner**. “When Australia Post undertook to renovate their headquarters in Sydney, the solar power plant delivered by Photon Energy played an integral role in raising the building's NABERS rating“, Gartner adds.*

Last year Photon Energy delivered a unique 99 kW rooftop solar power plant for the reconstruction of Sydney's 1THD building. There the engineers were tasked with achieving a high energy output target while leaving rooftop space for other uses, such as storage. As a result, the solar power plant is mounted onto raised steel structures, giving the possibility to walk under the structure and allowing for the use of space underneath the solar arrays for other purposes. All in all, the 384 solar panels cover an area of 635 m², creating a total of approximately 1000 m³ of space.

“The ACT is leading the way in terms of renewable energy, having announced their goal of 100 percent renewables by 2025 and we are glad that we can be part of this energy revolution“, Michael Gartner added.

Photon Energy's monitoring and PLC controls system integrates seamlessly into the building management system and allows the grid operator to monitor and control the power plant simultaneously.

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ABOUT PHOTON ENERGY

Photon Energy NV is a global solar power solutions and services company covering the entire lifecycle of solar power systems. Since its foundation in 2008 Photon Energy has built and commissioned more than 50 MWp of solar power plants across two continents and supplied the technology for many more projects. Photon Energy's O&M division provides operations and maintenance services for over 150 MWp worldwide. Photon Energy is headquartered in Amsterdam and has offices across Australia and Europe. www.photonenergy.com

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