

PHOTON ENERGY NEWS RELEASE

PHOTON ENERGY DELIVERS SOLAR POWER FOR WATER TREATMENT PLANT IN AUSTRALIA

Photon Energy has started construction of a 99 kWp solar power plant to provide a large proportion of the power for a sewerage treatment plant in Leeton, Australia. The power plant utilises Photon Energy Command smart control and demand response technology to supply around 162 MWh of clean energy per year for sewerage treatment helping Leeton Shire Council reduce their carbon footprint and energy bills.

The power plant is expected to be commissioned by the end of November 2016. The power plant is equipped with "Photon Energy Command", the company's proprietary system to maximise energy usage from the solar power system during the day with the possibility of switching on additional loads and ensuring maximum energy usage on site. Leeton Shire Council ran a competitive bid in July 2016 which saw Photon Energy selected as the preferred bidder.

Leeton Mayor Paul Maytom, a long-term advocate of renewable energy, is delighted to see this project come to fruition. *"The solar power plant makes good sense for our ratepayers, both economically and environmentally. Leeton Shire has appreciated the professional and productive way Photon Energy has delivered the scheme, which showcases to our community that solar energy is a very real option to traditional power supply. It really is the way of the future. Leeton Shire Council is looking to reduce its costs where possible and this project is also helping to reduce Council's carbon footprint"*, says **Mayor Paul Maytom**.

"This project is more proof that combined with smart technology solar power is in many cases the most viable energy source and an increasingly important part of the energy mix, not only for households, but for larger commercial customers and the public sector", says **Michael Gartner, Managing Director of Photon Energy Australia**. *"We are installing an increasing number of smart energy solutions for on-site energy generation, from off-grid solar storage systems to large-scale rooftop solar plants, illustrating our leading technological capabilities and the reliability and cost-effectiveness of solar energy in Australia"*.

Technical details

PV Modules: 342x Trina Honey plus TSM-DD05A(II) 290 Wp

Inverters: 3x ABB TRIO-27.6

Control system: Photon Energy Command with export power limiter and demand response manager (DRED)

Expected energy yield: 162 MWh/year

Expected CO2 emissions savings: 145 ton/year

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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 180 MWp worldwide. Photon Energy is headquartered in Amsterdam and has offices in Europe and Australia. For more information please visit www.photonenergy.com

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