

WASTEWATER TREATMENT PLANT, WESTERN AUSTRALIA

/ Fronius Agilo a perfect match for harsh outback conditions



/ This 150kW PV installation in Western Australia provides power to the City of Kalgoorlie-Boulder's wastewater treatment plant. With a yearly energy production of approximately 273.5 MWh the system is estimated to provide cost savings of over \$60,000 per annum.

/ The vast majority of PV installations over 30kVA in Western Australia do not have permission to export their excess power into electricity provider Western Power's network. The reverse power protection system is capable of ramping down the power output of the inverters to match the site's electrical loads. The Fronius Agilo Outdoor is a robust inverter and a perfect match for the harsh climate conditions of the Australian outback.

/ "We are proud to have installed this iconic 150kWp system for the City of Kalgoorlie-Boulder. Our suppliers Schletter, Suntech and Fronius have provided fantastic products and support to aid in making this project a success. We particularly appreciate the cost effectiveness, ruggedness, and straightforward data connectivity of the Fronius Agilo inverter on this and many of our other projects." Craig Savill, Commercial Projects Manager, Solargain PV



| INSTALLATION DATA | |
|-----------------------------|---|
| Size of installation | 150 kW |
| Purpose, system type | Waste water treatment plant operation |
| Module type | 500 x Suntech modules |
| Inverter | 2 x Fronius Agilo 75.0-3 Outdoor |
| Additional equipment | Fronius Datamanager, Fronius String Control 250/30 DCD/DF |
| Commissioned | September 2014 |
| Annual yield | Approx. 273.5 MWh |
| CO ₂ saved/ year | Approx. 229 t/year |