

FIMER

**FIMER'S PVS-100 HELPS TO
MAKE THE FUTURE
BRIGHTER**



AUSTRALIAN CRAFT BREWERY RELIES ON FIMER TO POWER ITS SITE.

Moon Dog Brewing is an independent Australian owned craft brewery based out of Melbourne, Australia. Since 2010, they have been brewing delicious beers that are fun and a little different.

Environmental sustainability is a core business value to the Moon Dog team, so when opening Moon Dog World, their new brewery/pub or “adult theme-park”, in October 2019, they wanted to look at ways to reduce their carbon footprint.

They selected Energis, a leading residential and commercial energy solutions company, to design a solar system that would reduce their reliance on using energy from the grid and lower their energy costs. In early 2020, Energis designed, installed and commissioned a 99.85 kW rooftop mounted solar system utilising 317 solar panels with just one of FIMER’s PVS-100 inverters.

Raman Chhabra, Director of Energis, said about FIMER’s technology: “We chose FIMER for this installation because their inverters have a good track record in terms of reliability, technical support, and energy production, in both commercial and residential projects for us. The specific inverter, the PVS-100, was also especially suited for the string sizing and other site-specific requirements for this project.”

The FIMER PVS-100 high-powered string inverter offers dual-stage topology enabling greater energy production and saving businesses more money over the lifetime of the system, thus enabling a faster ROI. The solution is easy to install and commission with plug and play componentry, enabling considerably faster installation times to meet project deadlines.

Aurora Vision, FIMER’s monitoring solution allows Karl Van Buuren, Moon Dog Co-Founder and the rest of the team to monitor the breweries entire solar plant remotely. He said: “Our site, like many other food and beverage sites, is power-hungry, we have boilers, chill units and big packaging lines. Using FIMER’s monitoring solution allows us to see how much our solar is producing, which helps offset the large energy-using equipment on site. We can see what time of day we are getting generating the most solar energy, plus see reporting on how much we are producing and consuming on a month to month basis.”

Since its installation and commissioning, Moon Dog Brewing has generated over 110MWh, saving approximately 20 tonnes of CO² emissions each month. Moon Dog's solar system inspired them to release a limited-edition solar beer in 2020, named "the future is bright", a solar-powered IPA (India Pale Ale), a favourite of the Australian FIMER team while it was in stock.

Thinking about your next installation project?

With our large portfolio of solar solutions, integrated digital services, and a reliable support network, you can count on us. To find out how FIMER can help you achieve even more with your installations, visit www.fimer.com to find your local sales representative.