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Tom's Rubbish Clearance Warmley, Bristol

Moving Fossil Fuels to the Top of the Heap; Recycling Centre takes Extra Step to go Green

A 18.6 kW roof mounted PV system providing power to the infrastructure and office of Tom's Rubbish, an industrial site in Warmley. Using 62 Trina 300 Wp mono modules, 31 Solar Edge P600 optimisers and a 17 kW Solar Edge inverter with a Vault's trapezoidal mounting system provided a quick and efficient installation that was complete within 3 days to reduce any implications on the operating environment.

"All elements of our business were considered when installing our state-of-the-art solar PV system. While there is a perception that returns from solar are now minimal the numbers speak for themselves and present a compelling case for an excellent financial investment. With electricity costs only going one way I've really seen the benefit of future proofing our business from this already. We pride ourselves on being an environmental business so what better way than to go truly green." Tom Francis, Owner, Tom's Rubbish Collection

The system was designed to provide maximum on-site consumption to off-set high usage of electrical demand which predominantly operates during the daytime hours, coinciding well with PV generation. All is configured to allow a battery system to be coupled retrospectively.

By asset financing the system through Lombard the outlay was minimal, allowing Tom's Rubbish to secure their cost of electricity, protect themselves from the rising cost of future power, and be paid to generate excess back to the National Grid. This is smart business for an SME involved in going green. Money and carbon saved in an environmentally safe way.

System overview

Trina 300Wp all black modules with Solar Edge inverters with P600 optimisers designed for optimal energy consumption on a trapezoidal composite panel roof.

	System size:	18.6 kWp
	Generation:	16,981.8 kWh/year
	CO ₂ savings:	12,129 kg/year

Please contact the office on the details below to see how we can work with you

-  01225 667 151
-  info@yourgroupuk.com
-  www.yourgroupuk.com