

More Efficient Than a Generator Alone

# Tier 1 Construction Site Reduces Costs & Emissions by 61%



Connect to your existing generator & reduce costs & emissions by up to 61%

Our hybrid power systems offer the ideal solution for clients that are looking to immediately reduce their emissions, noise levels and costs on site. SiteGrid and EasyGrid units utilise existing generator power, and renewables if available, storing energy in a sophisticated battery bank which then delivers silent, emission-free power when site loads are low. The generator only then has to run for peak loads or when the batteries need recharging.

## More Efficient Than a Generator Alone

The example below shows a construction site operating 5 site cabins, including office and welfare units, with no access to a grid connection and originally delivering power via a diesel generator 24/7.

An EasyGrid 10000 was connected to the generator and results recorded for 7 days. Looking at the table you can see the significant value of savings that were achieved across fuel, servicing and carbon emissions.

	Power Source For Site Over 7 Day Test Period		Savings
	Generator Only	EasyGrid 10000 and Genset	
Generator Run Time	168 Hours	66 Hours	102 Hours
Fuel Burnt	840 Litres	330 Litres	510 Litres
Cost of Fuel @ 60p/Litre	£504.00	£198.00	£306.00
Cost of Servicing @ 40p/Hour	£67.20	£26.40	£40.80
Total Running Cost	£571.20	£224.40	£346.80
Carbon Emissions	2.20 Tonnes	0.86 Tonnes	1.34 Tonnes
		Overall saving	61%

## See the Saving Directly - Request a Trial

Our hybrid power units offer a simple to implement solution for clients. Click below to request details for a free trial so you can see directly how hybrid units can help your clients achieve savings on site.

[www.hybridpower.co.uk](http://www.hybridpower.co.uk)

Tel: 01634 290772

Email: [hybrid@energy-solutions.co.uk](mailto:hybrid@energy-solutions.co.uk)

June2019



### Made in the UK

Designed and built in the UK by Energy Solutions – with over 20 years of electrical power experience, each unit is manufactured to the exacting standards required for standalone power sources.

### Warranty and Service

The unit is covered by our own one year warranty, and the Victron power electronics are covered with a 5 year limited warranty.

Images are for illustrative purposes only and actual products and examples may differ from those shown. All details correct at time of going to press but subject to change. E & EO."