

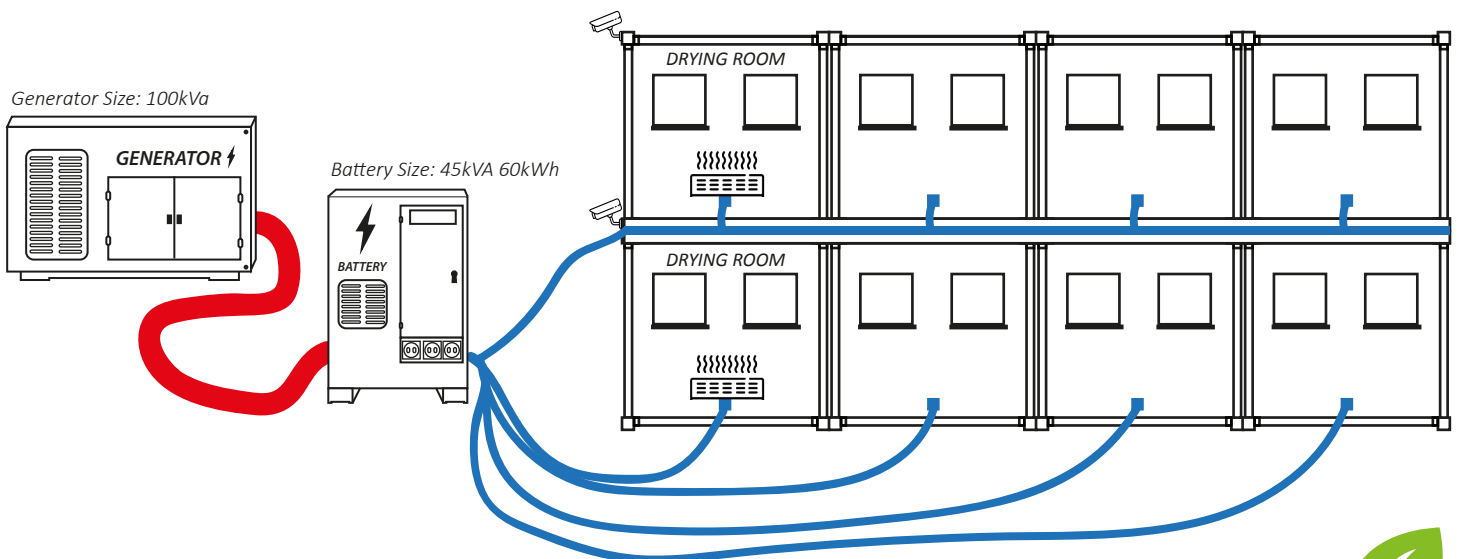


GreenPowerHire

Day/Night Hybrid Power Solution

Below is an example of a hybrid power solution combining a 100kVa diesel generator with one of our 45kVa 60kWh battery storage systems. In this example we are using the generator to power the site between 7am -7pm Monday - Friday and 8am - 4pm on Saturday with the generator being off all day Sunday. The battery takes over from the generator outside of these times delivering a 59.5% reduction in generator run time but maintaining a reliable, constant and silent power supply to site.

As you can see the battery system is connected to each of the on site cabins, we can control the power supply to each of these cabins, automatically turning them off when not in use. Overnight we use the battery to keep power on the drying rooms and CCTV cameras whilst turning off the power to the other cabins. This automated control allows a much smaller battery to be used and still deliver a large reduction in generator run time.



*Figures base on a 28 day period

28 Day Savings

Fuel Consumption reduced by **6627.6L**

Total CO2e emissions cut over by **20.92T**

Total percentage of silent hours **59.9%**

GREEN POWER HIRE

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