

Vampire power

by Alessio Perboni





A Milan apartment, Italy, lit by LEDs on various devices: a power strip, PS4, NAS, TV and a sign. The light filtering in through the window comes from the headlights of cars outside.



THE ENERGY CONSUMPTION WE DON'T SEE

Europe is in the grip of a serious energy crisis. The increase in energy prices has seen domestic energy bills double and has caused problems for the manufacturing sector.

According to specific energy studies, around ten per cent of energy consumed in western households can be traced to electronic devices left on standby. The phenomenon, which is also known as vampire power or vampire load, is said to make up one per cent of total CO2 emissions. In order to illustrate what is almost imperceptible to the naked eye, the photographer has immortalized night-time images of private homes and offices using a long exposure to capture the LED light from devices on standby. This technique created images with colours and intensities that would otherwise be almost invisible, demonstrating how the problem only appears to be negligible.



A Milan apartment, Italy, lit by LEDs from various devices: a USB battery charger, a power strip, TV, Xbox and Hi-Fi.



A Milan bar, Italy, lit by LEDs on various devices: a TV, a power strip, battery charger and dishwasher. The yellow light on the left comes from a nearby street lamp.



An office in the province of Lecco (Italy) lit by the display of a printer, a USB battery charger, and a computer on standby. The yellow light comes from a nearby street lamp.



A Turin apartment, Italy, lit by LEDs on a USB power bank, a charging computer and an air conditioning unit.



A Milan apartment, Italy, lit by LEDs on various devices: a modem, USB battery charger, a power strip, electronic keyboards, a mixer, and a charging computer.



An apartment in Brianza (Lombardy, Italy) lit by LEDs on various devices: a modem, a power strip, USB charger and TV.



An apartment in Como, Italy, lit by LEDs on various devices: a modem, Hi-Fi, battery charger and children's toys.



A utility room in a private home in the province of Lecco, Italy. The light comes from LEDs on the freezer, washing machines and a power strip.



An apartment, in the province of Milan, Italy, lit by LEDs on various devices: a USB battery charger, a robot vacuum cleaner, displays, power strips and a microserver system.



A business in the province of Lecco, Italy, lit by the screen of a PC on standby, battery chargers, a TV, company devices and light from nearby streetlamps.



A hotel room in Calabria, Italy, lit by LEDs on various devices: a TV, battery chargers, a USB charger, a computer charging and a power strip.



A child's bedroom, in a home in the province of Lecco, Italy, lit by LEDs on various devices: a baby monitor, a power strip and a modem.



An industrial facility in the province of Milan, Italy, lit by the lights on machines and battery chargers.

A Milan apartment, Italy, lit by the LEDs on various devices: a microwave, electric scooter charger, a power strip, TV and a charging computer.



