

Drones: an essential tool in the electricity sector

UAVs have become an invaluable tool for electricity companies. The following shows how they can be used across different facilities:



Power plants

What drones can do:

Detect overheating, corrosion, or leaks in nuclear, thermal, hydroelectric or solar plants.

Transformer stations and substations

What drones can do:

Visually or thermally inspect switches, transformers and substation lines.

Wind farms and solar plants

What drones can do:

Inspect wind turbines for potential faults, identify damaged solar cells, and measure vegetation around panels to anticipate possible interference with the installation.

Transmission and distribution lines

What drones can do:

Visually inspect kilometres of power lines in hard-to-reach areas at a far lower cost than alternatives such as helicopters.

Source: extreme.eu