



small wind · hybrid systems



Wind Solar Photovoltaic
Hybrid System
for off-grid locations with high energy consumptions

in 3 months · reliable · clean

The Energy Solution for companies not connected to the power grid

Conventional energy systems are becoming less sustainable and fuel prices are constantly rising. Kliux's Hybrid System is the ideal solution for isolated locations where the power grid is inaccessible or too costly.

At Kliux Energies we design tailor-made energy solutions in order to fully cover the electricity consumption requirements of companies and commercial establishments without access to the power grid. Our solutions will provide savings in the utility bill and energy independence 365 days a year.

What does the Kliux System offer? Recommended Applications

Our Project Management Office will study your case in order to offer you:

- Energy Self-sufficiency .
- Savings in your consumption and energy bills.
- A robust system which is guaranteed for optimal performance.
- A commitment to the environment; reduced CO₂ emissions.
- Tax benefits and possible aid.

- Warehouses
- Cellars
- Resorts
- Lighting for Industrial Plants
- Fish Farms
- Farms and Livestock Facilities
- Yacht Clubs and Lighthouses
- Sports Facilities
- Golf Courses
- Water Treatment Plants
- Hunting Ranges



The Hybrid Solution from Kliux Energies: cost effective, noiseless and reliable



Case Study

A medium-sized cellar, isolated from the power grid, with a consumption of 63,000 kWh/year by means of generators. The aim is to save on fuel bills and to reduce maintenance costs.

Kliux Energies suggests a configuration including the following components:

- 1 Kliux Zebra wind turbine
- 50 kWp installed power in photovoltaic modules
- All wind and solar regulators required
- Communication module
- 48 V / 5000 Ah battery set
- Stand-alone inverter for battery management
- Backup Generator

- 100% coverage of energy needs
- Savings of approximately € 200,000 in the first 10 years*
- 5 year payback period
- 37.500 kg of CO₂ avoided = 1.250 trees planted

Design, assembly and electrical installation are included.
Any aid and subsidies would result in reduced investment and payback period.

* Lifetime of the wind turbine and photovoltaic modules: 25 years