



# IVY GRID

# SUMMARY



Who we are

Our vision

Portfolio of services and solutions

- **Dispatcher** for electricity production / consumption
- Solutions for **SMART** City & Home
- **Maintenance for MV & LV** equipment's and accumulators
- Integrated systems for **security and firefighting**
- **Energetic audit**

CONTACT



# ivygrid

# WHO WE ARE



Ivy Grid is a company **dedicated to** services, both for consumers and producers of electricity, as well as for integrated services in the following fields: **energy, power electronics, dispatching, automation, security system, fire detection and extinguishing system, batteries maintenance, energy audit, smart home / city and LED lighting solutions.**

The main goal of Ivy Grid is to identify the **needs** of our customers and to provide customized solutions, which include a full range **of services.**

**Ivy Grid** the reliable partner that facilitates the relationship between the energy producer or consumer and regulatory authorities, the intervention teams and, at the same time, ensures **efficiency in the operation**

**Our team** of professionals combines the experience and dedication of senior staff with the enthusiasm and passion of young **specialists**



*We want to be the number 1 partner of energy producers or consumers, to actively contribute to increasing efficiency, developing energy infrastructure, promoting and using energy from renewable sources.*



**Green** technologies **solar** Sustainable  
electricity hydroelectric  
Wind

GLOBAL **grid** Geothermal  
efficiency

**Renewable**

MINQ

RENEWABLE



## Dispatch services

- 150 MW in photovoltaic renewable energy
- 600 MW in wind renewable energy
- 25 MW industrial consumers

**Dispatching** represents the **Ivy Grid** solution to the need of our customers related to the monitoring and control of energy **production or consumption**. In essence, this service means the monitoring and operative management, non-stop, of the installations for production or consumption of electricity, by integrating them in its own SCADA system. Through operational management, the Ivy Grid dispatcher ensures **optimal operation**, by efficiently managing all damage in accordance with the instructions of the regulatory authorities, maintaining contact with them.



## SMART City & Home

- Supply and installation of lighting solutions
- Intelligent surveillance systems
- SMART City & Home solutions



**Ivy Grid's team** offers the complete solution for public and residential lighting, from the analysis of the existing system to the implementation of the LED lighting system on the existing or new infrastructure, its **implementation and integration** in the dispatcher



**LED** –The new high-quality LED technologies have already significantly surpassed all other available technologies, in terms of all technical parameters. Due to its many **advantages**, the high initial cost recovers quickly due to the low costs of electricity consumed and maintenance.



**Smart City** - Success factors for the progress of smart cities and the implementation of solutions are linked to a clear vision of the involvement of citizens, government and local businesses, as well as effective processes of conceptual and executive integration of actions to implement ICT-based Smart City solutions that generate significant effects in improving the quality of life



## Complete services for electrical infrastructure

- ✓ **Maintenance**, repairs and modernization of electrical power distribution networks, 0.4-20kV power supply installations and electrical installations for use (power and lighting)
  - ✓ **Preventive maintenance**
  - ✓ **Corrective maintenance** - Dispatch 24/24 h
- ✓ **Defectoscopy** and high voltage tests for power cables (LES) 0.4-20 kV
- ✓ **Electrical** measurements and issuance of bulletins (PRAM checks) for the condition of the earthing and lightning protection
- ✓ **Control** and verification
- ✓ Consulting, sale and repair of electrical equipment





## Battery maintenance services

- Over 2000 batteries tested
- Over 800 batteries regenerated
- BMS solution for batteries

- **TESTING AND REGENERATING ACCUMULATORS.** We have dedicated mechanisms for testing and reporting the technical condition of batteries, being a transparent process with emphasis on the main parameters pursued in the testing process, so **Ivy Grid** offers partners a collaboration designed to reduce costs related to the battery sector.





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