### **Energy Division**

# A year of consolidation in our role as an active agent in the energy transition

Magtel is a company committed to developing innovative and sustainable energy solutions

We specialize in providing effective responses to the energy needs of businesses and communities, optimizing consumption and efficiency through renewable energy projects, contributing our experience and commitment to quality and innovation.

Our proposal covers a wide range of services, such as:

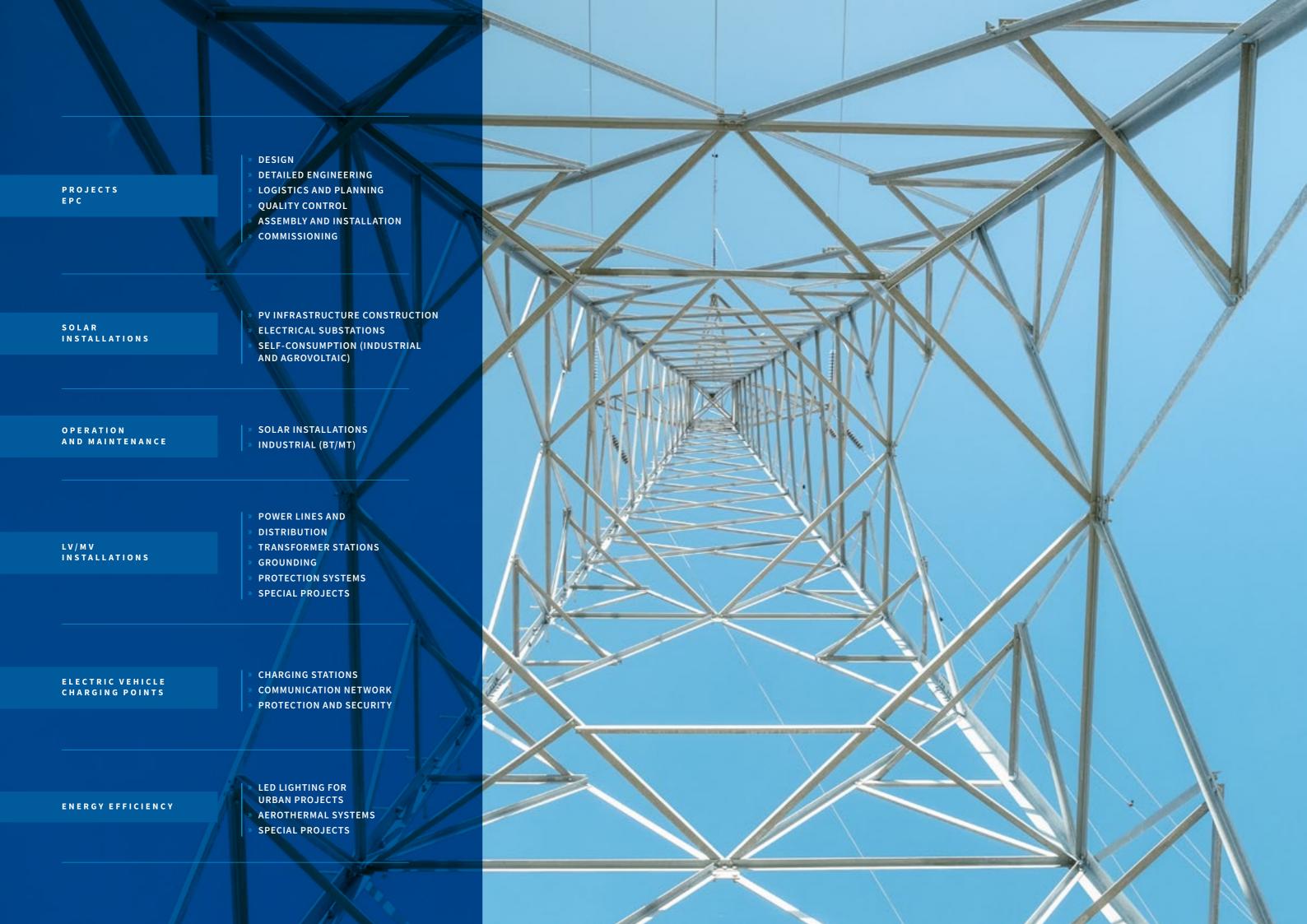
- ▶ Ground-mounted, floating, and agrivoltaic photovoltaics
- ▶ Battery energy storage systems (BESS)
- ▶ Electric vehicle charging points (PDR)
- ▶ LV and MV installations
- Photovoltaic and electrical maintenance

In addition, we carry out self-consumption, energy efficiency, and industrial photovoltaic projects. We stand out for our experience in the comprehensive management of solar photovoltaic plants, both in EPC (Engineering, Procurement, and Construction) and BOS (Balance of Systems) or Turnkey modes. We also offer O&M (Operation and Maintenance) for photovoltaic, low voltage (LV), and medium voltage (MV) installations.

With each project, we seek to improve energy efficiency and productivity, ensuring that our customers obtain customized and cost-effective solutions that contribute to sustainability and the optimization of their resources.









### PSFV Larral y La Peñaza 3 (70,73 MWp)

EPC project, in BOS mode, for a photovoltaic solar plant, electrical substation, and evacuation line located in Zaragoza and executed for OPDEnergy.

#### The actions have included:

- ▶ Engineering design and execution
- Civil works execution:
  - » Earthworks
  - »Trenches and drainage
- Structure execution:
- » Profile driving
- »Structure installation
- » Panel assembly
- ▶ Electrical installation:
  - »Central inverters
  - »Concentrator boxes
  - »Cabling
  - »Connections
- Control and monitoring installations:
  - Weather stations
  - »CCTV
  - »SCADA

#### > PV installation: project La Alcaidesa

122.63 kWp photovoltaic installation in the La Alcaidesa residential development (San Roque, Cádiz) for EDP Clientes S.A.

#### The work included:

- Installation of two 5Vx23 and 5Vx22 canopies
- Installation of photovoltaic modules and inverters
- Monitoring equipment
- Ducting, protective covers, and electrical wiring

## > High and low voltage electrical installation maintenance contract for Giahsa (Huelva)

Preventive maintenance, scheduled corrective maintenance, urgent corrective maintenance, and electrical improvements to 400 water supply and sanitation installations in the province of Huelva for the company Gestión Integral de Aguas de Huelva (Giahsa).

#### The work included:

- ▶ High and low voltage electrical work
- Work on high voltage lines
- Opening of switch for preventive maintenance of the CT and BT in the Sierra area

#### > PV installations for the San Juan de Dios Hospital in Córdoba

283 kW photovoltaic installation for the San Juan de Dios Hospital in Córdoba

#### The work included:

- ▶ 125 kW coplanar and triangular structure on the flat roof of the church
- ▶ 158 kW on car park canopies
- Installation of bifacial photovoltaic modules
- ▶ 3 inverters
- ▶ REBT electrical protection and wiring
- Coplanar, triangular, and aluminum canopy structure
  - » 190 modules on flat and sloped roofs
  - » 306 modules on 2V canopy



#### Operation and maintenance of the Elvisa PSFV

Maintenance work to ensure the performance of the facility in Alcalá de Guadaira (Seville) for Zelestra Ingeniería S.L.

#### The work included:

- Preventive maintenance:
  - »Cleaning of modules
  - »Visual inspection of all components
  - »Checking electrical connections
  - »Checking inverters
  - »Structure control
  - »Monitoring
  - »Pest and vegetation control
- Predictive maintenance:
  - »Thermography
  - »IV curves
- Corrective maintenance:
  - »Attention to possible breakdowns
- ▶ Monitoring of solar hours
- Monthly reports to the client
- Stock control
- ▶ Equipment warranties

# > MV installations for the Virgen Del Águila residential development in Alcalá de Guadaíra (Seville)

Installation and renovation of three transformer stations in this residential development to transfer them to the supply company and provide service to the development.

One of them is being refurbished and the other is being adapted to replace the previous ones. Project carried out for the Virgen del Águila residential development in Alcalá de Guadaira.

The work has included:

- ▶ Installation of CTs to replace the previous ones
  - »Installation of MV power lines for the CTs
- Prefabricated buildings
- MV electrical switchgear