

References Electricity Transmission and Distribution Division

EcoIntegral Ingeniería



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ELECTRICITY TRANSMISSION

Lines

- 30 preliminary plans for overhead and/or underground transmission lines, 220 kV or 400 kV.
- 21 overhead line implementation projects, using specialised software to optimise this type of installation.
- 30 procedures for the processing and legal certification of high voltage overhead and/or underground lines.

Substations

- A capacity of 1,100 MVA in preliminary projects for transformer substations.
- A capacity of 1,025 MVA in projects for the execution of transformer substations, including the control and automation side.
- 94 projects for the renovation, extension, refurbishment and upgrade of substations, together with the monitoring of execution.
- Preparation of 38 as-built, electromechanical, protection, inspection and civil engineering drawings.
- Preparation of 20 construction drawings for the renovation and/or extension of substation protection systems.

ELECTRIC POWER DISTRIBUTION

- 26,000 technical studies into new supplies and service variants.
- 4,100 projects for low/high voltage power lines.
- 400 technical design reports, as established by regulations in force.
- 150 Technical Design Memories, as established in the regulations in force.
- 3,300 procedures for the processing and legal certification of high voltage overhead and/or underground lines, as established by regulations in force.
- 750 procedures for the processing and legal certification of transformer substations, as established by electricity regulations in force.
- 1,200 procedures to obtain permits by mutual agreement.
- 750 procedures for obtaining path permits by mutual agreement.
- 650 monitoring services of third-party facilities and preparation of transfer agreements for presentation to the competent energy authorities.
- Regulatory inspections of 5,722 km of high voltage overhead lines and 3,487 transformer substations, according to current legislation.
- 100 rearrangements of low voltage loads.
- 80 fraud detection warnings, with their corresponding adaptation and correction.
- 50 technical support services for low and high voltage projects.

- 27,000 regularisations and legal certifications of existing installations, as established in R.D. 437/2014.
- 60,000 contracting points (PCR) identified to map the low voltage grid.
- 200 coordinations of works