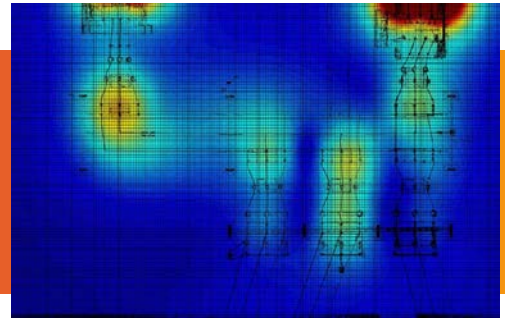
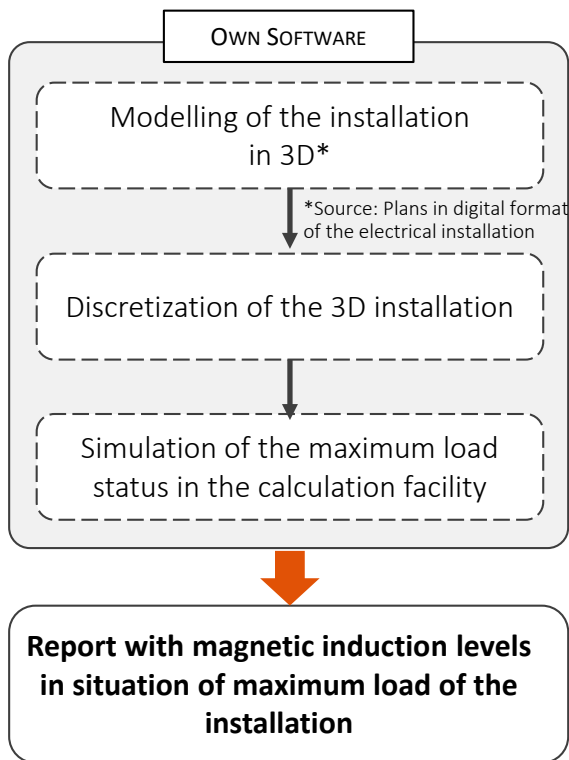


ELECTROMAGNETIC COMPUTATION FIELDS IN ELECTRICAL INSTALLATIONS



CIRCE provides, through its own validated software, 3D simulation and the counting of magnetic fields in electrical installations of High, Medium and Low Voltage.

COUNTING METHOD



According to *IEC 62110*

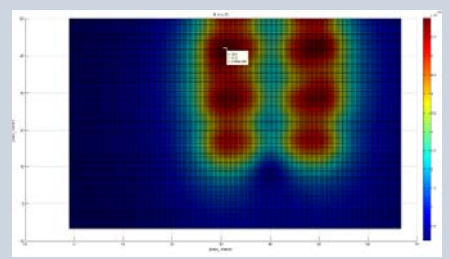
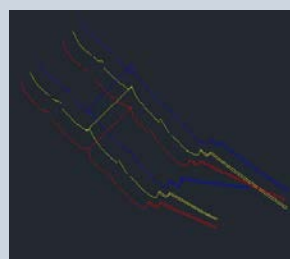
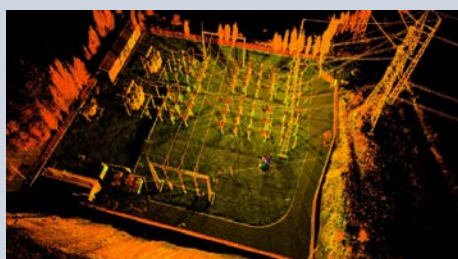
WHY IS IMPORTANT THIS COMPUTATION?

Any project of new installation or modification of existing ones needs to provide a magnetic field study according to regulation RD337 / 2014, specifically in its technical instructions ITC-RAT 14, ITC-RAT 15 and ITC-RAT 20.

Service focused on

System operators, electrical companies, engineering.

Key Figures in Electrical Substations



Work done with own software for the calculation of magnetic fields

APPLICATIONS

The procedure, computing and regulations are applicable for both outdoor and underground installations

ELECTRICAL SUBSTATIONS



TRANSFORMATION CENTERS

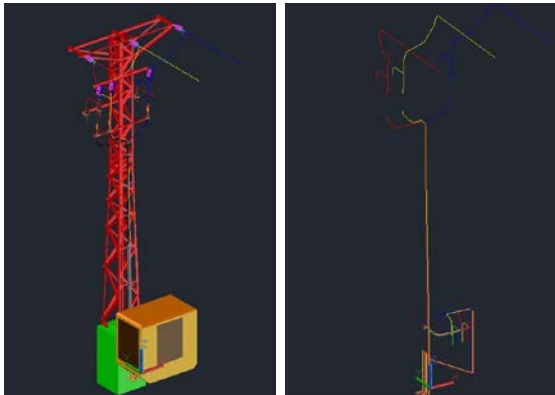


ELECTRICAL NETWORKS



BENEFITS

- 1 Compliance with current regulations
- 2 Possibility of realized studies on substations and standard transformation centers that serve to all type projects in the same company.
- 3 Studies in 3 dimensions that allow to evaluate fully and univocally the measurements of electromagnetic fields according to the IEC 62110 standard.
- 4 Use of own and validated software for correct compliance with current regulations



Modelling of 3D tower with Transformation Center

WORK REFERENCES

CIRCE has experience in the execution of counting works of electromagnetic fields, having collaborated with companies such as



Projects carried out in this field:

- Substations standardized by Endesa Distribución Eléctrica. Studies for conventional weather, hybrid and GIS substations.
- Processing centers standardized by Endesa Distribución Eléctrica. Studies for transformation centers in building and prefabricated
- Standardized substations of Red Eléctrica de España.

CONTACT

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