



ELECTRICAL ENGINEERING SERVICES

ABOUT US

We are a company that develops analysis and protection services for industrial electrical systems and solar and wind energy generation plants, with a focus on the safety of people, the protection of electrical equipment and the continuity of operations.

FOR INDUSTRIAL AND RENEWABLE SYSTEMS

Short circuit.

Protective relay coordination.

Arc flash.

DC arc flash.

Load flow and power factor.

Power quality.

High voltage substations and transmission lines.

RELATED SERVICES

Updating of one-line diagrams.



ETAP Solution Provider distinction (as an expert engineering firm in the use of ETAP analysis software).



ELECTRICAL PROTECTION SERVICES.

Testing and commissioning of distribution boards and power switches.

Testing and commissioning of protection relays.

Update of protection relays and energy meters.

Maintenance tests on potential transformers and current transformers.



EVALUATION STUDIES

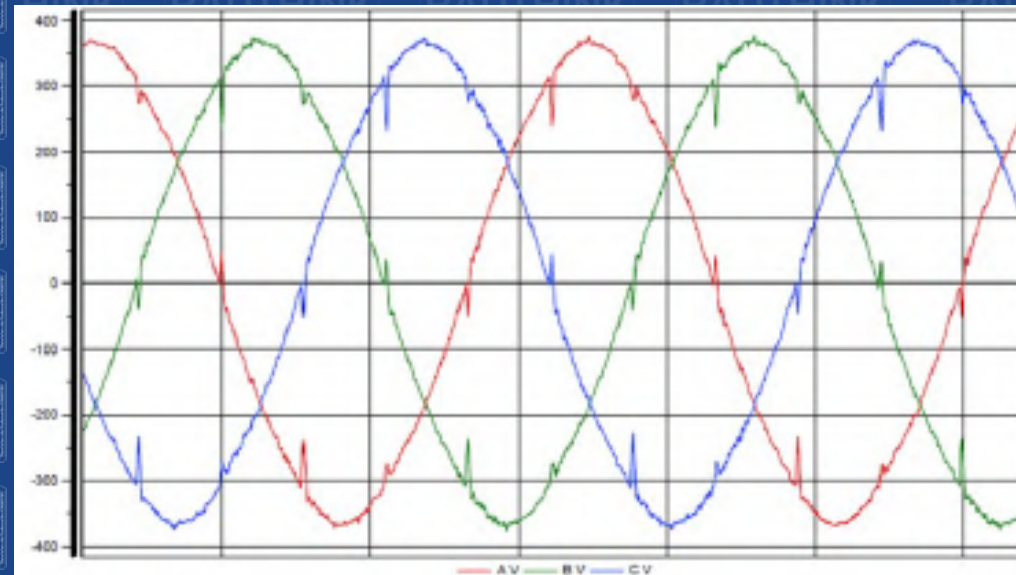
Measurements of energy, power factor and power quality with class A meters.

Evaluation reports.

Proposed Solution.

PROJECTS

Development of turnkey projects (studies, engineering, supply, installation and commissioning of capacitor banks and harmonic filters).



EVALUATION STUDIES

Technical studies (protections, power factor and power quality).

Evaluation and solution proposals.

Work plan to deliver to the corresponding authority.

COMPLIANCE PROJECTS

Development of turnkey projects (studies, engineering, supply, installation and commissioning of the required equipment).



COMMITMENT IN DELIVERY TIME

1. Project management.

Track work with project management tools.

2. Standardized procedures.

Standardized and documented execution procedures.

3. Automated tools.

Automated calculation formats and memories for the preparation of reports and studies.

RELIABILITY IN THE SERVICE

1. Experience of more than 25 in the market.

Proven experience in analysis and protection of industrial electrical systems and related field services.

2. Customer satisfaction.

Proven and manifest satisfaction of our customers (Ternium, GE, ABB, Air Liquide).

3. Premium tools.

Premium tools for the analysis and protection of industrial systems and world-class test equipment for field services.

WARRANTY AND COMPLIANCE WITH INTERNATIONAL STANDARDS

1. Guaranteed work.

Zero guarantees applied in electrical studies in the last 4 years.

2. Compliance with national and international standards.

Regulatory compliance and IEEE/ANSI and IEC standards, as well as national standards NOM-001 and Network Code 2.0

3. Curriculum – electrical studies for projects:

- a) Hot rolling (Nuevo Leon, Mx).
- b) Expansion of Peña Colorada Mine (Colima, Mx).
- c) Panama City Subway.



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