



ILVIEF™

We understand electricity.



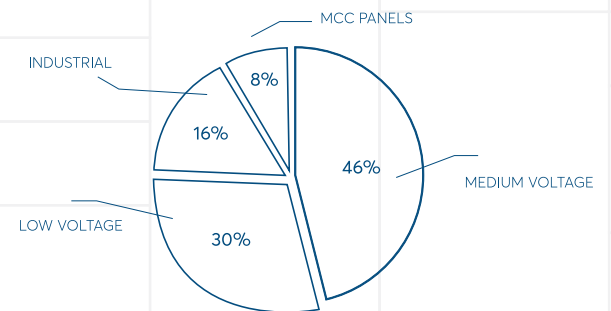
We are highly involved in large scale electrical projects, since 1979.

ILVIEF was founded in 1979 in Volos. From the beginning, the company gained the trust of the market with its customer-oriented philosophy, the immediate service and high quality product manufactured. It is considered an expert in the areas of power distribution, power plant electrical installation, industrial automation and control.

The new facility, which spans over 15.000 m², is a vertical production unit, equipped with modern equipment and processes that can manufacture all types of switchgears and substations.

Through the accumulated experience, the company provides products and solutions worldwide.

**ACTIVITY BY
SWITCHBOARD TYPES**



Part of the elite in the energy sector.

PHILOSOPHY

Focused on customer satisfaction, the company treats every project as a unique case, paying particular attention to the importance and value of interpersonal contact.

OBJECTIVE

To provide value for money excellent quality equipment and products, according to customer needs.

MEANS

Based on this, we are evolving our products and processes. We established strong partnerships with major frontline suppliers.



Ilviel 15.000 m² facilities in
A' Industrial Area, Volos - Greece

GLOBAL PRESENCE



Ilvief has a presence through branch offices in **USA, Cyprus, UAE** and through **global agencies**. We have established cooperations with major construction companies. Our efforts are focused on developing new cooperations and partnerships.

PRODUCTS

OUTDOOR ELECTRICAL PREFABRICATED SUBSTATIONS UP TO 40,5 KV

A pre-installed, cost effective, turn key solution which houses medium voltage primary or secondary distribution systems, load transformers, low voltage switchgears and scada systems.

- Completely tailor made according to the needs of the project.
- Offers fast installation and the advantage of mobility.
- High reliability ensures the safety of the personel and minimizes the maintainance cost.
- Made entirely of sheet metal and coated externally with an insulated panel or galvanized steel sheet coated with polyester paint up to C5, features high endurance levels.
- Designed to offer sufficient internal space for control and maintenance of the equipment.



ILVIEF™

SKID SOLUTION UP TO 8.8MVA

ILVIEF compact skid solution is a plug & play product designed for large-scale solar power generation realized with string inverters.

The skid includes the following equipment :

- Medium Voltage Oil Transformer including oil retention tank & oil filter, MV-LV cable box
- Medium Voltage AIS or GIS MV Switchgear
- LV Switchgear and LV protections

The above components and equipment ensure the highest quality, performance and durability standards.

The purpose of this MV skid solution is for the easy and fast connection of the PV plant to the MV electricity grid. The standardized shipping dimensions ensure reduced logistic costs.

Due to optimized cooling, filtering and high IP protection degree the skid is suitable for installations on harsh (cold, hot and humid) environmental conditions.



ILVIEF™

G.I.S. MEDIUM VOLTAGE SWITCHBOARDS

SPECIFICATIONS : Switchboards up to 40,5KV/630A/25kA

- Type-tested medium voltage Switchgear and Control gear Assembly (TTA)
- Impulse withstand Voltage 185KV
- Test voltage (50-60 Hz/ 1min) 95KV
- Rated normal current 630 A
- Rated short-time withstand current(1s) 25kA
- Peak current 62,5kA
- Rated frequency 50/60Hz



ABB

ILVIEF™

A.I.S. MEDIUM VOLTAGE SWITCHBOARDS

SPECIFICATIONS : Switchboards up to 24KV/630A/21kA

- Type-tested medium voltage Switchgear and Control gear Assembly (TTA)
- Impulse withstand Voltage 125KV
- Test voltage (50-60 Hz/ 1min) 50KV
- Rated normal current 1250 A
- Rated short-time withstand current(3s) 21kA
- Peak current 52,5kA
- Rated frequency 50/60Hz



ABB

ILVIEF™

LOW VOLTAGE SWITCHBOARDS & MCC PANELS

CONSTRUCTION OF LICENCED ELECTRICAL LOW VOLTAGE SWITCHBOARDS

CATEGORIES :

- Distribution switchboards
- Automatic reactive power compensation switchboards
- Motor control MCC switchboards
- Outdoor switchboards
- DC switchboards
- Telemetry switchboards
- Special applications switchboards



ILVIEF™

The innovative main distribution switchboard solution with rated current up to 6300A and short-circuit up to 120kA. Designed to easily fulfill all electrical installation requirements in terms of protection degree, segregation form and electrical characteristics, according to the latest international standards and in perfect synergy with all ABB's low voltage equipment.

- Flexibility is Power

The structure can be assembled according to different logic sequences. Just a few part numbers for 120 enclosure sizes. Protection classes up to IP65 can be obtained for every type of application. New busbar systems using the same components.

- Velocity is power

Simple, effective lean methodology for switchboards' assembling to save the time. Mistakes-free simple movements to fix internal equipment. New mounting plates with rapid click-in system. Internal segregation partitions created by simply adding accessories in sequence.

- Simplicity is power

Error-free assembly of the structure, which is perfectly symmetrical. Modular uprights and crosspieces together by means of a patented new system with axial screws



ILVIEF™

Main Application Fields

ILVIEF™





A' Industrial area,
Volos OT15

www.ilvief.gr