



solutions
for the oil, gas & petrochemical
(OGP) market





solutions for the oil, gas & petrochemical (OGP) market

PROTASIS provides technical engineering services and support to Operation and Maintenance staff in the Oil, Gas & Petrochemical Industry regarding any electrical power system challenge they may face in their day to day activities.

With extensive experience in the fields of electrical engineering, consulting, field testing, systems upgrades, maintenance and operation of electrical networks, we ensure the integrity, reliability, safe and cost-effective electrical power systems operation.

Our electrical power systems engineers use cutting edge modelling and analysis software as well as advanced testing equipment to provide a range of high-end engineering services:

- ⦿ **Power Systems Analysis & Studies**
- ⦿ **Consulting & Support**
- ⦿ **EPC-Based Project Development for:**
 - Substation Automation Systems (SAS)
 - Power Management Systems (PMS)
 - SCADA Systems & Control Schemes
- ⦿ **Equipment Testing & Commissioning in HV/MV Networks**
- ⦿ **Switchgear Retrofits (Electrical Protection, Metering & Control Upgrades)**
- ⦿ **HV/MV Engineering & Design**
- ⦿ **Applied Training on Power Systems – Protection & Control**

with power, we perform

EPSA

For our Oil, Gas & Petrochemical customers, we have designed a structured and customizable **Electrical Power System Audit (EPSA)** that thoroughly examines all the problem areas in the electrical power system on an ad-hoc basis, identifying where hidden weaknesses exist that could lead to production loss, quality degradation, equipment damage or safety threats.

Concurrently, we fine-tune the electrical power system by optimizing the philosophy of protection, the various protection schemes, and the selectivity of protection to respond to every possible operational scenario and maintenance plan.

FSSA

Our **Full-Service Support Agreement (FSSA)**, which is implemented on a framework basis with our customers, is an ideal solution that adds significant value and benefits in terms of saving time and cost, reduces risk, improves process effectiveness and increases predictability. With such an agreement, **PROTASIS** retains a constantly updated system simulation and provides the necessary readiness for emergency conditions, maintenance shut-downs, fault analysis, post mortem investigations, personnel skill-development and more. This type of service agreement, which can be effective for the entire plant's useful life, creates a proactive service approach that fosters a collaborative partner relationship with our customers.

Expert engineers from our **PSS&C** and **PSA** Departments, supported by our **QA & HSE** Team, combine their technical expertise to provide optimal solutions for our OGP clients.

- 🎯 **Power Systems Applications Department (PSA-D)**
- 🎯 **Power Systems Studies & Consulting Department (PSS&C-D)**
- 🎯 **QA & HSE Team**

Our uncompromising commitment, dedication and determination to serve and support our clients makes PROTASIS your reliable partner for electrical engineering & consulting needs.





Headquarters

59B Apostolopoulou st
15231 Chalandri, Athens, Greece
+30 210 9561 154
www.protasis.net.gr