



LEADING **ENERGY EPC** COMPANY



About Us

We are a leading energy infrastructure company specializing in **engineering, procurement, and construction** (EPC) services.

With a focus on high-voltage **grid connections** and **renewable energy** systems, we deliver robust and reliable solutions across the energy sector.



Our team of experts is committed to powering communities and industries through **innovative** and **sustainable energy solutions**.

About Us

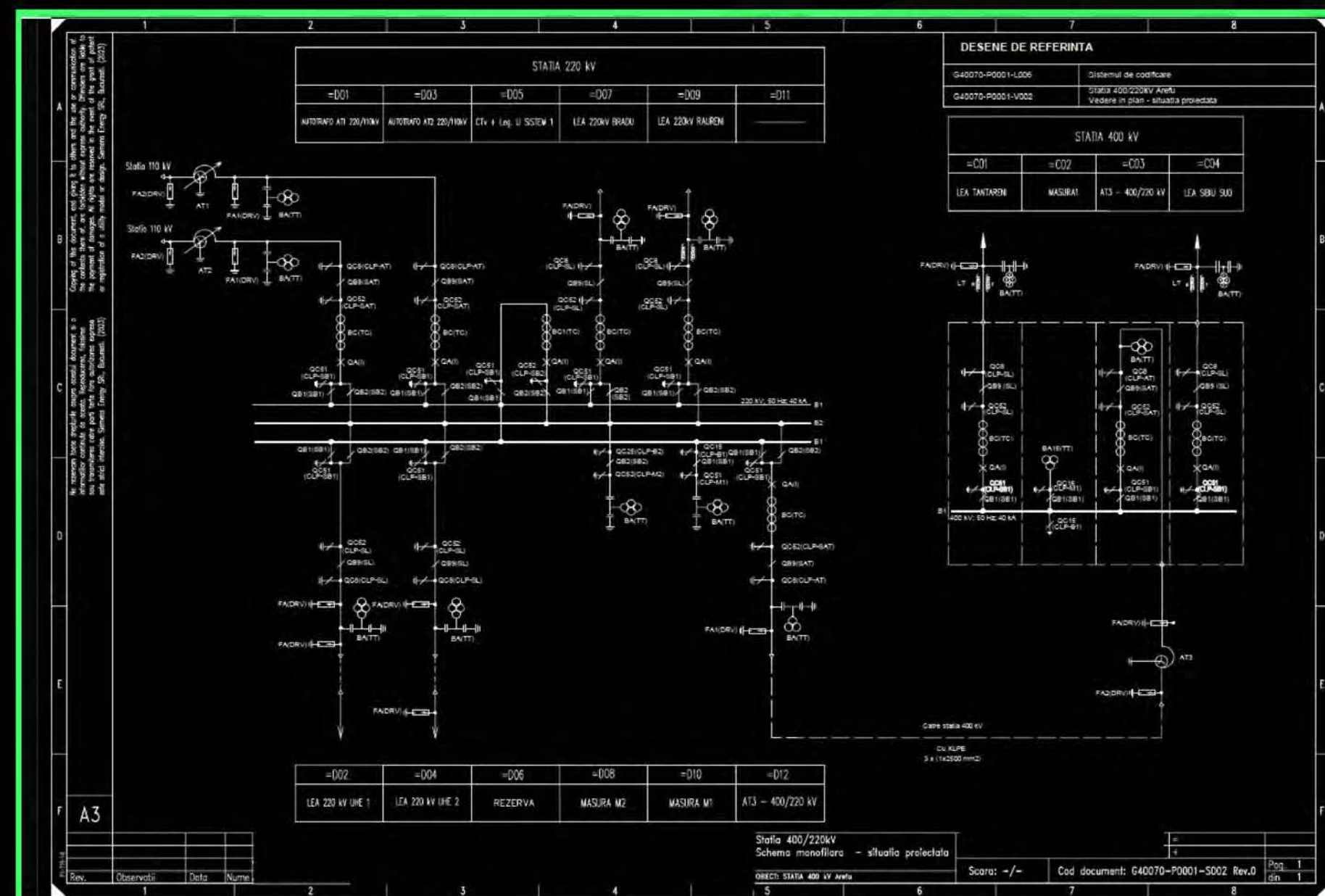
At ETHGroup, our **mission** is to engineer and construct advanced electrical infrastructure that powers and connects communities. We strive to deliver high-quality, reliable energy solutions that meet the evolving needs of our clients, from grid connections to complete power systems.

Our **vision** is to be the most trusted partner in the energy sector, recognized for our commitment to excellence, safety, and sustainability. We aim to lead the way in delivering energy infrastructure that supports a cleaner, more efficient future.

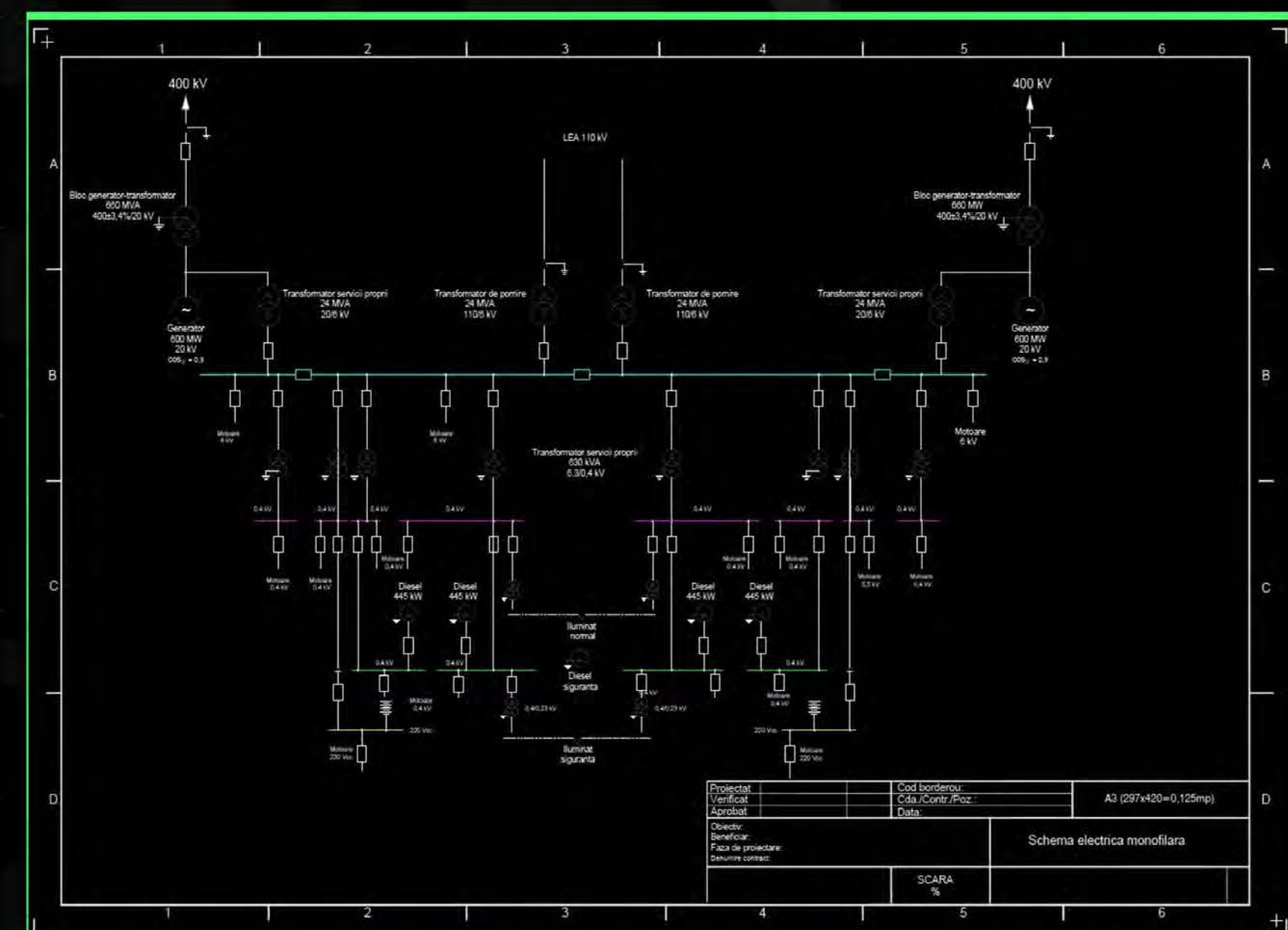


Founded with the goal of transforming the energy landscape, ETHGroup has grown into a key player in the energy infrastructure sector. **Over the years**, we have expanded our services and expertise, completing numerous high-profile projects across both **public and private sectors**. Our history is marked by a series of milestones that reflect our commitment to quality and innovation in every project we undertake.

Design of Substations and Electro-Energetic Systems up to 400kV

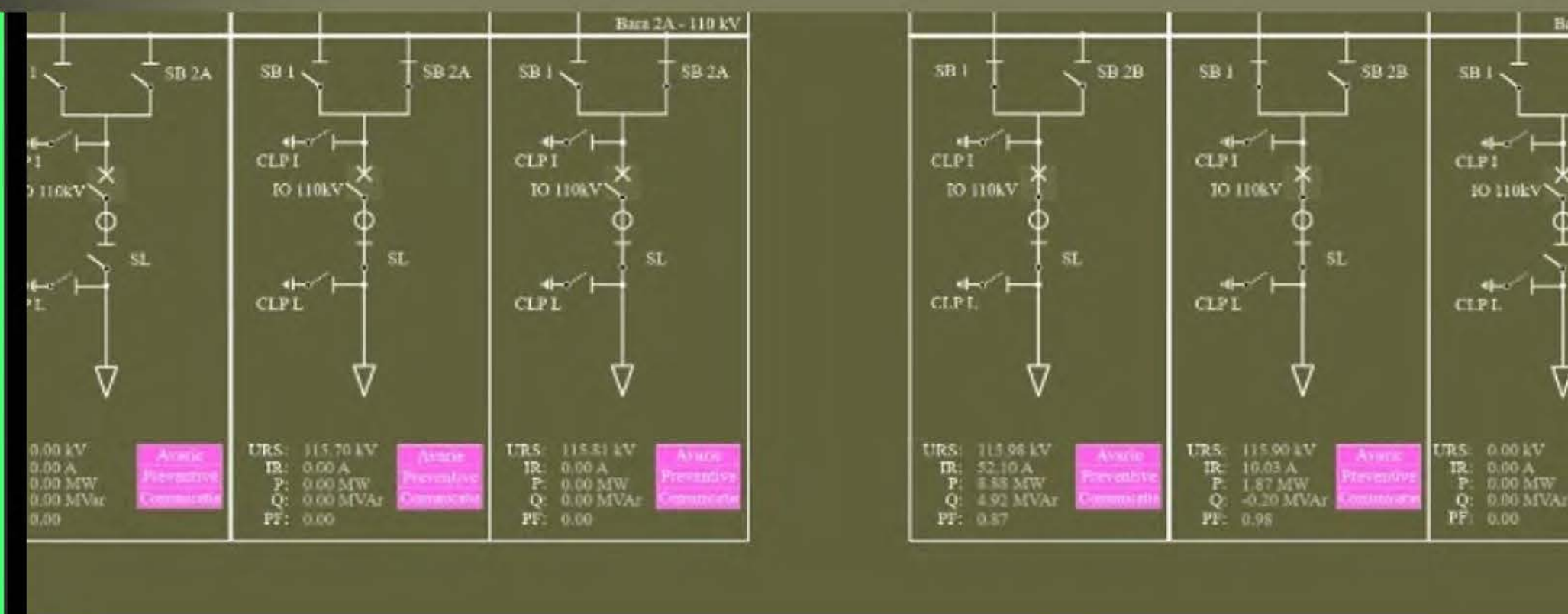


Engineering and design of the 400/220 kV Arefu substation



Engineering and design of 220/33kV Calugareni power collecting substation for photovoltaic park Calugareni 2

COS Targoviste, RO



Engineering, design and execution of SCADA and protection systems

Donalam - AFV Beltrame Group SC1 110kV S/S
- protections upgrade and SCADA
implementation



Protections upgrade

Complete engineering, design and
implementation of a SCADA system.

Panels rehabilitation

Monitoring, Diagnosis and Maintenance for HV equipment



HV Substations Complete Rehabilitation and Modernization (110kV – 400kV)



Design, detailed engineering and as built

Civil, construction and assembly works

Installation, tests and commissioning of equipment

Training for client's personnel

Construction of Power Collection and Interconnection Substations for 60MW Wind Power Plant



@Ruginoasa,RO



Design &
Engineering

Procurement &
Delivery

Construction &
Installation

SCADA
implementation

Testing and
commissioning.

Floating photovoltaic Solar Power Plant

@Grebla,RO

Design &
Engineering

Procurement &
Delivery

Construction &
Installation

SCADA
implementation

Testing and
commissioning.

PV Solar Power Plants



@Bals, RO

@Barbatesti, RO



Design &
Engineering

Procurement &
Delivery

Construction &
Installation

SCADA
implementation

Testing and
commissioning.

Substation Modernization - Grid interface upgrade at hydro power hub

@Portile de Fier II, RO

EPC works for 110 kV autotransformer bays at a major hydro facility

Primary & secondary equipment integration (Hitachi Energy)

HV cable and overhead connection to 220/110 kV grid

Civil works: foundations, steel structures, cable trenches

Testing, protection tuning & SCADA adaptation for hydro integration

Hybrid Gas Power Plant & BESS System

20MW Gas + 2×6 MWh
Battery Storage

@Racari, RO

Complete 110 kV
grid interconnection

Medium voltage
infrastructure (20 kV)

Integration of protection,
metering & automation

System adaptation,
testing & commissioning

Hybrid-ready SCADA
for BESS operation

110/20 kV Substation Modernization

Strategic rebuild for one of Romania's largest 110 kV substations

@Roman, RO

Full EPC modernization of 110/20 kV substation commissioned in 1958

Replacement of HV (20× 110kV bays) & MV (32× 20kV bays) equipment and busbar systems

New control center, SCADA integration and remote operation

MV section fully rebuilt in containerized format with reactive power compensation

Enhanced protection, automation & ground fault neutralization

Rehabilitation of auxiliary power supply systems for Substations

@Zimnicea, RO

@Scaeni, RO

Engineering and design

Civil, construction and assembly works

Installation, tests and commissioning of equipment

Client's personnel training

Capacitor Banks



Engineering and
design

Civil, construction and
assembly works

Installation, tests and
commissioning of equipment

Client's personnel
training

Approvals and Permits

Authority

ISO Standard	State Approval	ANCEX Ministry of Foreign Affairs Department for Control of Exports	NATO - OTAN	MApN, SRI, MoD National Intelligence Service	ANRE National Authority for Energy Regulation
ISO 9001 ISO 14001 ISO 45001 ISO 27001	Commercial, logistics and production activities of military products	Military equipment and dual use goods	AQAP 2110: Quality Assurance in Design, Development and Manufacturing Certification	Authorized to access and work with classified information	Design, Supply, Execution and Testing 0.4kV to 400kV

Authority

INSEMEX GANEx	IGSU Romanian General Inspectorate for Emergency Situations	CNCAN National Council for Control of Nuclear Activity	ANPM National Agency for Environmental Protection
Services in technical installations in areas with danger of explosion, according to NEx Standard 01-06 / 2007	Design and installation of systems, signaling, alarming and alerting installations in case of fire Design and installation of fire extinguishing systems, except for those containing certain fluorinated greenhouse gases	<ul style="list-style-type: none"> NMC-05: Design services for nuclear installations NMC-07: Product manufacturing and providing services for nuclear facilities NMC-08: Construction and installation of electrical systems in nuclear field Services for the design of physical protection systems in the nuclear field Works and Services intended for physical protection in the nuclear field	Collection, Transport, Storage, Treatment and Disposal of hazardous and non - hazardous waste



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