



Electrogrup^E
ENERGY

**MODERN GRIDS
FOR A
SUSTAINABLE
FUTURE**

Infrastructură
Energetică

With a history of over 20 years, Electrogrup provides its customers complete infrastructure solutions at a national and international level through its three divisions:

ELECTROGRUP DIVISIONS

Electrogrup TELECOM

Electrogrup is a general contractor and one of the largest telecom infrastructure builders in the country.

Electrogrup ENERGY

Electrogrup is one of the main energy infrastructure builders in Romania. Our portfolio covers all types of electric and gas pipeline works.

Electrogrup CONSTRUCTIONS

Electrogrup is a general contractor in complex construction projects, from civil to industrial, in Romania and outside the borders.

Electrogrup SMART CITY

Electrogrup is a builder and integrator for smart cities, covering all stages of implementation: infrastructure building, platform integration, solutions aggregation and deployment.



WIDE RANGE OF POWER SERVICES

The power infrastructure is an absolutely vital segment for the development of any community. The electrical networks built by Electrogrup contribute to increased safety in the power supply to residential and industrial consumers and constant modernisation ensures the needs of a power fueled future.

Turn key power infrastructure services

- » Design, authorization and implementation of 0.4-400 kV electrical networks
- » Power Stations
- » Smart Metering
- » SCADA integration for power plant clusters
- » Solutions for the development and the maintenance of photovoltaic parks, biomass power plants and wind farms

..with high quality deployments for

- » Automation circuits in power plants, renewable resources (MHC up to 2 MW, PHV power up to 6MW)
- » SMART Metering in commercial and residential facilities
- » Strong and weak power installations in buildings (incl. BMS, intercom, intelligent lighting)
- » Primary stations circuits, transformer posts and electrical networks (0.4-400 kV)

PRAM & RELATED SERVICES

Our 18 FTE dedicated engineers & electricians help us provide the full range of PRAM & PRAM related services.

Types of services:

- » implementation, testing, service, interventions
- » Implementation of secondary circuits, testing and parameterization of numerical protections
- » maintenance & service in secondary circuit plant installations

Cabinet production:

- » electrical cabinets
 - » control cabinets
 - » automation cabinets
 - » cabinets for domestic stations
-



DEPLOYED BY OUR HIGHLY SKILLED SPECIALISTS

Our team's success relies on 22 years of experience gained in top power infrastructure projects

Employees

350

Energy Team Headcount

90

Electricians

60

Engineers

10

PMs

10



TURN KEY PROJECT CAPABILITIES

POWER STATIONS MODERNIZATION

Power circuits

Refurbishment for 110kV trafo, cells
MV and LV services

Automation

Protection and Automation - SCADA

Civil Works

Civil Works construction(foundations, structure, access roads,
drainage, etc.)



TURN KEY PROJECT CAPABILITIES

SHPP AND SOLAR

Power circuits

MV and LV networks

Automation

Protection and Automation - SCADA

Civil Works

Civil Works construction(foundations, structure, access roads, drainage, etc.)

BMS

Turn-key design

Intelligent electrical installations in residential buildings (BMS MyHome)
Force and smart lighting installations in industrial halls (DALI)

Smart houses and Industrial facilities

Lighting
Electric drives
Weather station
Power circuits
Swimming pool & sauna automations



PROJECTS MAP

- Satu Mare 1 station-110/20/6 kV 2015 refurbishment- 2 mil EUR- Siemens
- Tasnad Station 110/ 20 kV –2019 refurbishment- 1.5 mil EUR- ABB

Campia Turzii Solar, 2012
Build 6 MW installed power
+4 500 solar panels
Project Value: EUR...
Equipment: Renesola

- SCADA integration preparation for 30 pcs stations from North Transilvania
- SMART buildings and industrial facilities

Teraplast substation 110/20 kV- greenfield
Unirea station 110/20 kV- refurbishment
Rodna station 110/20 kV- refurbishment

Bistra SHPP, 2013
Build 0.74 MW station
20 kV connection
Project Value: 2 mil EUR
Equipment: **Energy Technik**

Anies SHPP, 2014, 2.2 MW, 3 mil EUR
Livezile Solar, 2013, 1.5 mW,

- Biharia station 110/20 kV – 2013 greenfield- 2.7 mil EUR- Siemens
- Velenta station 110/20 kV- 2017 refurbishment- 0.7 mil EUR- ABB
- Tileagd station 110/20 kV – 2018 refurbishment- 1 mil EUR - ABB

- SCADA integration preparation for 30 pcs stations
- Campului station 110/20/10 kV- refurbishment
- Clujana station 110/20/10 kV- refurbishment
- Turda station 110/20/6 kV- refurbishment
- Mihai Viteazu station 110/20 kV- refurbishment
- Jucu station 110/20 kV- refurbishment

- Blaj station 110/20/6 kV – 2013 refurbishment- 3 mil EUR- Siemens
- Ocna Mures station 110/20/6 kV- 2019 refurbishment – 3.5 mil EUR

- Sanpaul station 110/20 kV – 2015 greenfield- 2.8 mil EUR- Siemens

- CFR Caransebes 110 kV – 2016 refurbishment- 0.7 mil EUR- Enel

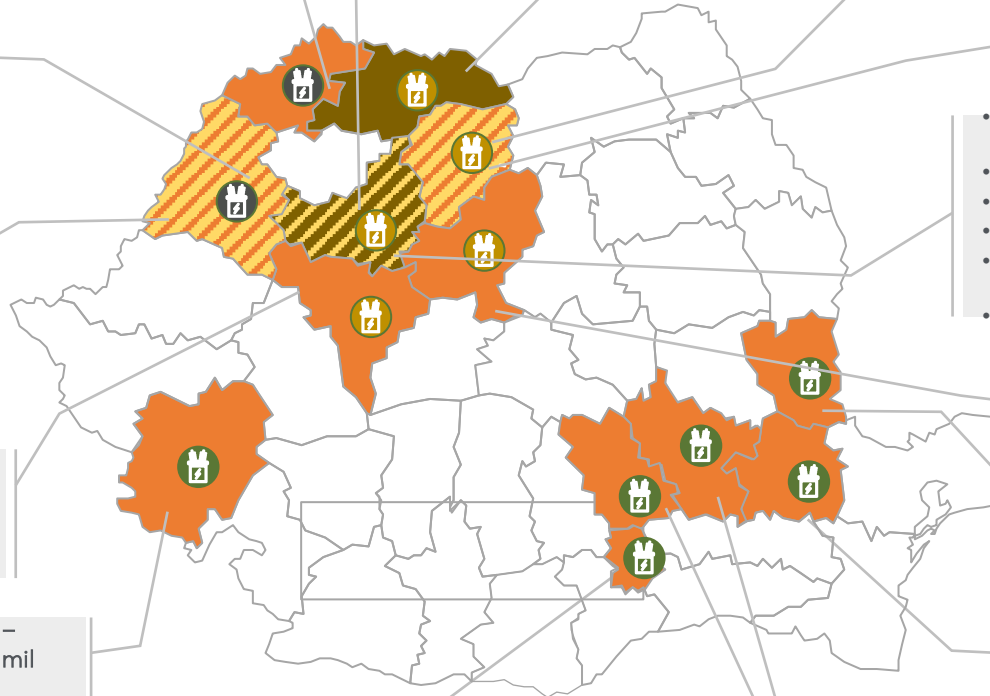
Liesti station 110/20 kV- 2016 refurbishment, 2 mil EUR, Siemens

Vulcan station 110/20/10 kV, 2011
Refurbishment, 1.5 mil EUR, **ABB**
Drumul Morarilor station 110/20 kV, 2012
refurbishment, 0.7 mil EUR, ABB

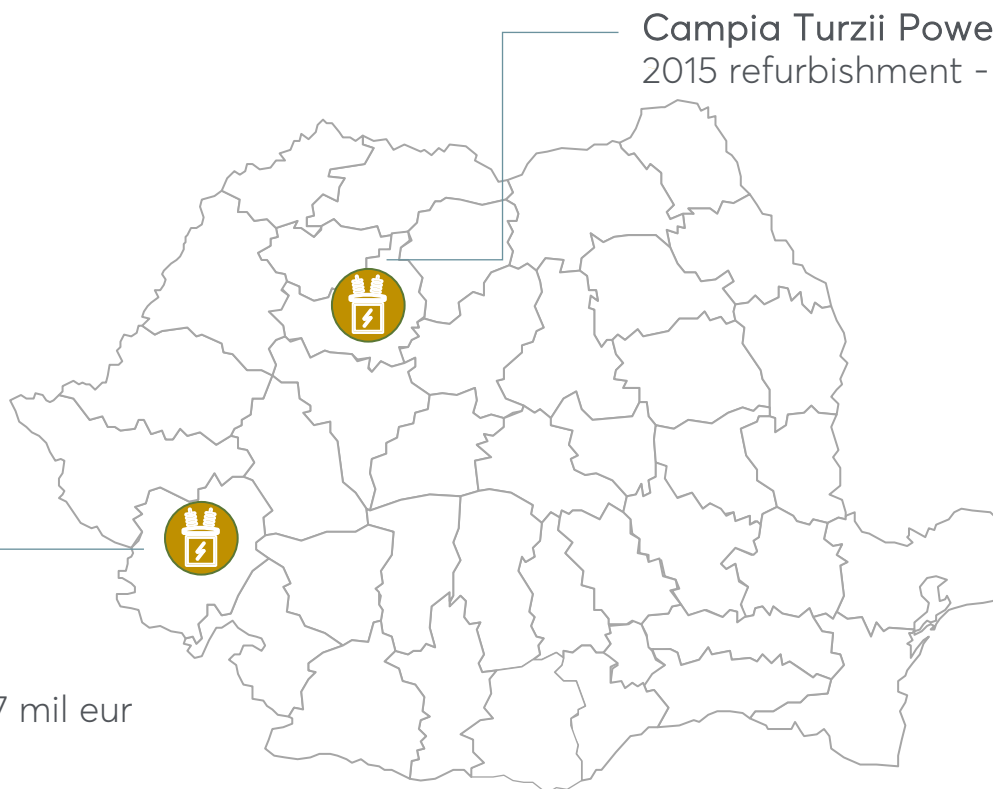
Pastarnacu station 110/20 kV- 2017
refurbishment, 1 mil EUR, Siemens

Insuratei station 110/20 kV- 2019
refurbishment, 1.9 mil EUR, Siemens

Buzau Crang station 110/20- 2011
refurbishment, 1.7 mil EUR, Schneider
Vernesti station 110/20 kV- 2018
refurbishment, 1.1 mil EUR, Siemens
Sahateni station 110/20 kV- 2017
refurbishment, 1 mil EUR, Siemens



TRANSELECTRICA PROJECTS



Campia Turzii Power Station

2015 refurbishment - 1.8 mil eur - Energobit

IAZ Power Station

2019 refurbishment - 11.7 mil eur

- Siemens

CAMPIA TURZII POWER STATION (220/ 110 KV)

Client: Transelectrica.

Location: Campia Turzii

Project description: Refurbishment and construction of an existing live power substation. The works took place around a live 220 kV, 110 kV substation with existing cells and live transmission.

Successfully completed:

- » Project Management
- » Civil construction

Civil constructions:

- » Refurbishment of the control and connection building
- » Replacing the existing foundations
- » Replacing the concrete old structure with steel structure
- » 110/20 kV Power Transformer
- » Site works: yard, access roads, alleys, drainage



IAZ POWER STATION (220/110 KV)

Client: Transelectrica.

Location: IAZ, Caras Severin

Project description: Refurbishment and construction of an existing live power substation. The works take place around a live 220 kV substation, 110 kV substation with existing cells and live transmission, relay room, MV switchgear room, LV services and electrical equipment.

Works

- » Project Management
- » Turn-key design
- » Primary and secondary 220,110, 20, 0.4 kV equipment installation
- » SCADA system and commissioning

Modernization for:

- » 2 line 220 kV cells
- » 14 line 110 kV cells
- » 2 autotrafo 220kV cells
- » 2 autotrafo 220/ 110kV – 200 MVA



Civil constructions:

- » Refurbishment of the control and connection building
- » Replacing the existing foundations
- » Replacing the concrete old structure with steel structure
- » 220/110 kV Power Autotransformer
- » Site works: yard, access roads, alleys, drainage

TECHNICAL PORTOFOLIO TO COVER COMPLEX ENERGETIC PROJECTS

We work with trusted suppliers to
ensure flawless technical solutions for
our customers.

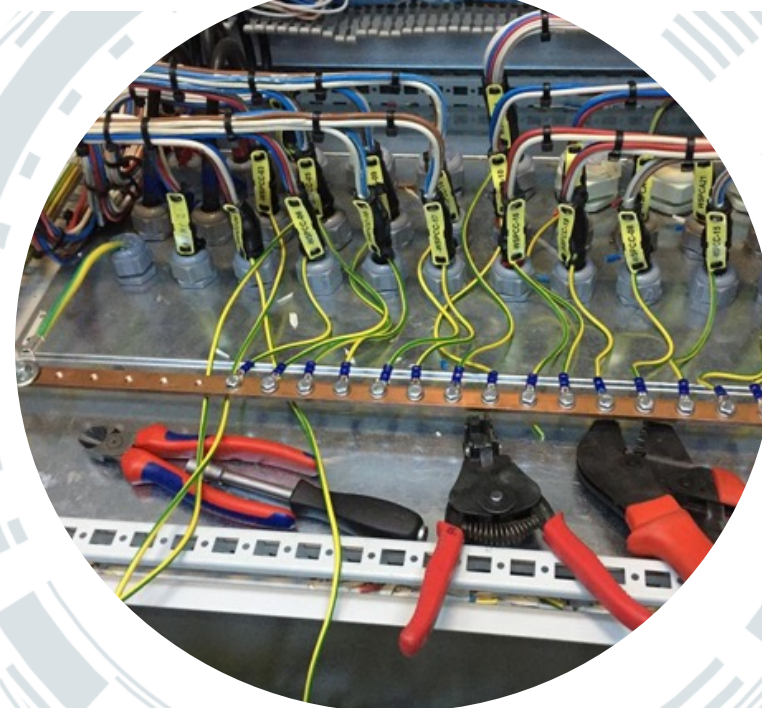


ABB **SIEMENS**

Schneider
Electric

IET 



ReneSola **ALSTOM**

Our top differentiator: a unique integrated services offer covering essential areas in infrastructure: constructions – energy – telecom

WHY WORK WITH US

- » We offer **fully integrated services** through the expertise of the five companies in the group that help **reduce costs**, implementation time and environment impact
- » We believe in **simple solutions** and we follow them even in the most complex challenges
- » We embrace the **culture of well-done** and never compromise on quality
- » We are constantly investing in **training our people** and specialize them multi-sector for an integrated vision of the projects
- » Our **international experience** allows us to follow our customers with operations outside the country anywhere in the world!
- » We focus on our customer's needs and **offer smart and flexible solutions** for the most specific projects
- » We have **logistical and financial capabilities** for the execution of large-scale construction works as general constructors
- » We comply with the highest ABAC*, health & safety and labour standards, FCPA** to follow

*anti-bribery, anti-corruption,

**Foreign Corrupt Practices Act

Electrogrup 

member of E-INFRA

ELECTROGRUP PORTFOLIO

We are partners of the biggest telecom operators, DSOs, industrial parks or renewable energy production units developers. The basis of long - term partnerships consists of our team's expertise, our innovative solutions, dynamic approach and the quality of our work.

Energy Infrastructure



Telecom Infrastructure



Constructions



CERTIFICATIONS & AFFILIATIONS

Electrogrup is certified by the relevant authorities in all of its sectors of operation.

We are also members of local and international commerce chambers and industry associations.



Deutsch-Rumänische
Industrie- und Handelskammer
Camera de Comerț și Industrie
Româno-Germană





THANK YOU

OUR OFFICES

Bucharest

Soseaua Chitilei, nr. 417 – 419,

Cluj Napoca

Calea Turzii, nr. 217, Romania

office@electrogrup.ro

www.electrogrup.ro