



POWER SYSTEM ENGINEERING

Capability Statement

Electrical network design, grid connection studies and technical documentation for projects in Romania and the Republic of Moldova.

ANRE D1 attested company
ISO 9001 · ISO 14001 · ISO 45001



Power system engineering with documented credentials

PowerGrid Solution is a Romanian engineering company focused on electrical network design and grid connection documentation. Our work covers connection studies, coexistence and risk studies, technical projects and support through commissioning.

ANRE D1	3	5	12
Company attestation no. 22387 / 23.09.2024	ISO management certifications	Confirmed engineering software platforms	Documented reference projects

Company credential

ANRE D1 attestation — design of overhead and underground electrical lines at standard nominal voltages. This company attestation is distinct from the personal ANRE IV A–IV B certificate held by individual specialists.

Management systems

ISO 9001 Quality management · ISO 14001 Environmental management · ISO 45001 Occupational health and safety management.

Confirmed engineering software

NEPLAN · EPLAN · CALMECO · GstarCAD · WindevRO

Official references: anre.ro · iso.org

This statement contains only credentials and services supported by the company's supplied documentation.



Engineering services

01**Connection and impact studies**

Technical studies for new loads, generation and storage projects seeking grid connection.

02**Coexistence and risk studies**

Assessment of projects located near existing electrical networks, including site-clearance conditions.

03**Technical projects**

Technical documentation, equipment specifications, electrical diagrams, calculations and quantities.

04**Overhead and underground lines**

Design documentation for electrical lines within the scope of the company's ANRE D1 attestation.

05**Commissioning support**

Technical assistance for clarification, implementation and commissioning stages.

06**Republic of Moldova**

A dedicated contact path for electrical network design enquiries originating from the Republic of Moldova.

Documented project references

Projects 1–3 of 12



CONNECTION STUDY

Photovoltaic plant connection to the distribution grid

Beneficiary SC Iatcu Speed SRL

Location Breaza, Suceava County

Connection study for a photovoltaic power plant located in Breaza, Suceava County.



CONNECTION STUDY

Warehouse connection to the electrical grid

Beneficiary SC GP Profile SRL

Location Țuțora, Iași County

Connection study for a materials warehouse located in Țuțora, Iași County.



CONNECTION STUDY

2 MW photovoltaic park with 9 MWh storage

Beneficiary SC Seband Energy SRL

Location Ciprian Porumbescu, Suceava County

Grid connection study for a 2 MW photovoltaic park and a 9 MWh energy storage installation.

Images are selected from the approved PowerGrid Solution project archive and are presented as portfolio imagery; they are not asserted as a one-to-one record of each listed engagement.

Documented project references

Projects 4–6 of 12



CONNECTION STUDY

22.5 MWh energy storage connection

Beneficiary SC Harvest Energy SRL

Location Miroslava, Iași County

Connection study for a 22.5 MWh energy storage installation in Miroslava.



CONNECTION AND IMPACT STUDIES

3 MW photovoltaic park with storage

Beneficiary Startgreen SRL / A.R.M. Terra Energy SRL

Location Pașcani, Iași County

Connection and impact studies for a 3 MW photovoltaic park with energy storage.



CONNECTION AND IMPACT STUDIES

Photovoltaic plant with storage

Beneficiary Startgreen SRL / Warehouses de Pauw România SRL

Location Roman, Neamț County

Connection and impact studies for a 3,496.24 kWh photovoltaic plant with energy storage.

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Documented project references

Projects 7–9 of 12



COEXISTENCE STUDY

School development and electrical network coexistence

Beneficiary Total Electric Serv SRL / UAT Miroslava

Location Valea Adâncă, Iași County

Coexistence and site-clearance study for Delgaz Grid electrical networks affected by a school development.



COEXISTENCE STUDY

Day centre and electrical network coexistence

Beneficiary Total Electric Serv SRL / UAT Codăiești

Location Codăiești, Vaslui County

Coexistence study for Delgaz Grid electrical networks and a day centre for counselling and family support.



COEXISTENCE AND RISK ANALYSIS

Residential development near electrical networks

Beneficiary SC Machi Distribution SRL

Location Horpaz, Iași County

Risk analysis for the coexistence of Delgaz Grid networks with a residential development and its utility connections.

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Documented project references

Projects 10–12 of 12



COEXISTENCE AND RISK ANALYSIS

Production facility near electrical networks

Beneficiary SC Rodotex SRL

Location Iași

Coexistence study and technological risk analysis for Delgaz Grid networks affected by a production facility investment.



TECHNICAL PROJECT

Renewable self-consumption capacity connection

Beneficiary Redsocket SRL / UAT Matca

Location Matca, Galați County

Technical project for connecting renewable energy generation capacity intended for self-consumption.



TECHNICAL PROJECT

20 kV overhead line reinforcement and coexistence works

Beneficiary Elmond SRL / Asicons SRL

Location Mogoșești, Botoșani County

Technical project for 20 kV overhead line reinforcement and coexistence works required by a commercial development.

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Start a technical conversation

For a useful first assessment, please send the project location, connection or design objective, available network documents, expected timing and the responsible contact person.

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Prepared from the company documentation supplied for the July 2026 website review. No project, certification or market claim has been added without an identified source.