



ABOUT US

Founded in 1997, the General Energy Institute is a prominent subdivision of the National Academy of Sciences of Ukraine, dedicated to the advancement of energy research, innovation, and education. The institute's overarching goal is to stimulate innovation and uphold excellence within the energy sector through comprehensive research, collaborative partnerships, and the cultivation of future energy leaders.

With a prime location in **Kyiv**, the institute spans an impressive 3000 m² and boasts a diverse team comprised of **80 employees**. This includes **42 scientific staff members**, 8 of whom form the scientific management personnel. The remaining 34 are made up of leading and senior scientific staff, scientific associates, junior scientific staff, engineers, and other key roles. Among these professionals, there are 8 holders of Doctor of Sciences degrees and 28 PhDs.

The institute's cutting-edge facilities include **four specialized laboratories**. These are dedicated to **monitoring chemical, radiation, and biological air pollution, 3D printing, ultrasonic control** via magnetostrictive sensors, **and observing the thermal characteristics of materials and structures**.

Our graduates are employed at various institutions, including the Ministry of Energy, Public Joint Stock Company (PJSC) "National Power Company UKRENERGO," the National Commission for State Regulation in Energy and Utilities, State-owned company Ukrigasvydobuvannya, the State Scientific and Technical Center for Nuclear and Radiation Safety, as well as other state and private companies specializing in the energy sector.

KEY FOCUS AREAS

GEI is committed to continuing its proud tradition of service to innovators, researchers, educators, and the public. GEI staff and PhD students are available to collaborate in partnerships, fellowships, R&D, theoretical, and applied sciences to support the following areas:

Research

- System analysis and forecasting of energy development and consumption.
- Transformation of the fuel and energy complex structure, energy, environmental, and economic efficiency of its objects and systems.
- Monitoring and diagnostics of the technical condition and environment of energy systems and objects.

Education (Postgraduate Courses):

- Electric Power Engineering, Electrical Engineering, and Electromechanics.
- Information and Measurement Technologies.




SELECTED PROJECTS

- The Least-Cost Optimization of PV-Station DC/AC Equipment Using Battery Energy Storage System 2022. Please visit [here](#) for more information.
- Improving the Model of Long-term Technological Update of Power System

SELECTED PATENTS

- Device for Measuring Thermal Resistance of Enclosure Structures (2020). Please visit [here](#) for more information.
- Modular Sensor Platform (2021). Please visit [here](#) for more information.

<p>Components 2023-2024 (Please visit here for more information)</p> <ul style="list-style-type: none"> Methodological Support of Air Pollution Monitoring System 2023-2027. Please visit here for more information. 	<ul style="list-style-type: none"> Calorimetric Device for Determining the Specific Heat of Evaporation of Liquid from Materials (2018). Please visit here for more information. Long-Term Combustion Portable Heating and Cooking Furnace (2023). Please visit here for more information.
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LOCAL PARTNERS		
Public Sector	Universities	Private Sector
		

INTERNATIONAL PARTNERS			
			

CONTACT INFORMATION	KEY CONTACT
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