

# ENERGY SECURITY TRAINING COURSES

*Virtual Centre for the Protection of Critical Energy Infrastructure*



## BACKGROUND

**Global energy security risks are increasing** due to extreme weather conditions and natural disasters, such as hurricanes, floods, droughts, and forest fires, fuelled by **climate change**. Moreover, manmade hazards such as **sabotage, terrorism, and cyber-attacks** are a constant threat to critical energy infrastructure security. The urgent need to increase the share of modern renewable energy sources presents an additional challenge. Considering these risks and challenges, **guaranteeing the uninterrupted and proper functioning of critical energy infrastructure is a vital concern**.

The necessity to identify and address these threats to critical energy infrastructure through robust and effective **risk-management policies**, technical training, **capacity building**, and education has never been greater. In this regard, the Organization for Security and Co-operation in Europe (OSCE) Virtual Centre for the Protection of Critical Energy Infrastructure

offers a series of learning modules to support energy security stakeholders from the public and private sector, academia, and civil society in improving the resilience of critical energy infrastructure from natural and manmade disasters. The OSCE partnered with the U.S. Department of Energy's Argonne National Laboratory to develop the courses.

Through these courses, participants will learn the following:

- The basic and advanced risks to energy systems;
- Information security and cyber risk management;
- Risk analysis and risk management approaches, techniques, and tools and how to apply them; and
- The fundamentals of critical energy system resilience.

## STRUCTURE

Each e-Learning module is **self-paced** and lasts approximately 2 hours. All modules include introductory videos,

exercises, and reading material, and all require successful completion of a test for further advancement.

**The course is available in English and Russian languages.**

## ENROLLMENT/PARTICIPATION

The course is open to anyone who is interested in the topics of energy security and critical energy infrastructure protection. **No prior training, criteria or conditions** are needed to take the course.

## CERTIFICATES

In order to successfully complete the course, students must score an average of **80% or higher** on the graded components of the course.

## CONTACT

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