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«Полтавська політехніка імені Юрія Кондратюка»

# Тези

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«Полтавська політехніка імені Юрія Кондратюка»**

**Том 1**

**21 квітня – 15 травня 2020 р.**

Полтава 2020

## **IMPLEMENTATION OF EUROPEAN ENERGY SAVING STANDARDS IN UKRAINIAN LEGISLATION**

In the construction sphere of Ukraine, legal relations are governed by the laws and by-laws, energy strategy of Ukraine for the period until 2030. New standards and DBN have also been developed and adopted, which are in line with EU approaches to promoting energy efficiency in buildings, energy auditing and energy management.

It can be stated that Ukraine is making successful steps in the field of energy efficiency. In particular, Directive 2010/31 / EC "On the energy performance of buildings" has been implemented; since 2011 our country has acceded to the Energy Community Treaty and other European initiatives; in 2015, laws were adopted to attract large-scale investments for budgetary institutions and create a market for energy services; in 2017, a law was adopted on building energy efficiency regarding the requirement for energy efficiency certification for new, state and municipal buildings and for obtaining state support.

At the same time, new legislative acts are being developed that will regulate the state policy in the field of energy efficiency of buildings. In particular, the procedure for certification of persons who will conduct energy audits, methods of conducting inspections, determining the level of energy efficiency of buildings and issuing energy certificates, exchange of information, its monitoring and storage is being developed.

The system of standards and requirements is aimed at encouraging the implementation of energy-saving technologies in construction practice. In Ukraine, a number of standards have been developed that regulate the requirements for the assessment of technical solutions for fencing structures, requirements for thermal performance, energy efficiency indicators, energy certification and certification of buildings.

A large number of state standards have been developed and adopted in different directions (energy labeling, energy assessment, thermal modernization and energy audit in the construction sector, construction of municipal energy management system, requirements for indoor microclimate, etc.).

An urgent requirement today is the adaptation of national standards for energy conservation and energy efficiency to international and European standards. The Association Agreement between Ukraine and the European Union provides for the establishment of a national standardization body with a delegated right of national membership in the relevant international and regional standardization organizations.

### *References:*

1. *Within the framework of a project EU Erasmus +: "The challenges of energy efficiency: cooperation of Ukraine with the EU", № 599740-EPP-1-2018-1-UA-EPPJMO-MODULE*