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COMPARATIVE ANALYSIS OF THE STRATEGIC GUIDELINES OF THE POWER SECTOR DEVELOPMENT IN UKRAINE AND IN THE WORLD

The universalization of the electricity using is a recognized world trend, and therefore different international energy institutions developed their own foresight-projections of electricity markets in the world. And although these foresight projections identify common qualitative changes about the future energy picture in the world, but differ significantly in absolute terms. So, this factor is necessitating the development of analytical provision for forecasting the development of the global energy market, which would be a reflection of general market future expectations (i.e. a consensus projection).

In the article, the long-term trends of conjuncture-forming electricity market factors such as its consumption and generation are investigated. Data consolidation of different foresight-projections allowed establishing a consensus projection of power sector development in the world until 2040 and identifying the following key trends: an increasing importance of electricity in the structure of final energy consumption; slowdown electricity demand compared to the rates of economic development under the action carried out by energy efficiency policy; widening gap between the growth rates of consumption and generation of electricity; shift of emphasis in the structure of global power generation from fossil to non-fossil fuels and energy, etc.

A comparison of global and national trends in the development of power markets has allowed defining mismatch of Ukrainian and global long-term development trends of the power sector. Now the Ukrainian power sector is oriented to the ossified structure of final energy consumption and power generation, with predominance in both of these structures of fossil energy resources. The questions of a technical upgrade of power generating complex are secondary in national documents, while the key problem is an entry of Ukrainian power grids to the European electricity market. However, to ensure the competitiveness and sustainability of the national electricity sector in the EU-Ukraine space is impossible without the introduction of innovative and technological priorities of the corresponding long-term trends of its development in the world, which makes it necessary to revise them in order to ensure energy security of the national economy on the principles of structural rationality and energy self-sufficiency.

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