

За умов зосередження ВДЕ у регіонах України, в яких пріоритетним джерелом отримання енергії є кам'яне вугілля, що збільшить еколого-економічний ефект в регіонах які мають підприємства енергетичного сектору, що використовують кам'яне вугілля.

Література

1. Global Energy Statistical Yearbook 2017 [Електронний ресурс]. – Режим доступу: yearbook.enerdata.net
2. Sawin J. L. et al. Renewables 2017 Global Status Report. – 2017.
3. Використання енергетичних матеріалів та продуктів перероблення нафти України за 2013-2016 роки // Веб сайт Державної служби статистики України [Електронний ресурс]. – Режим доступу: [:ukrstat.gov.ua](http://ukrstat.gov.ua)
4. Звіт про результати діяльності Національної комісії, що здійснює державне регулювання у сферах енергетики та комунальних послуг [Електронний ресурс]. – Режим доступу: nerc.gov.ua/data/filearch/Catalog3/Richnyi_zvit_NKREKP_2016.pdf
5. Розпорядження кабінету міністрів України №902-р «Про Національний план дій з відновлюваної енергетики на період до 2020 року» [Електронний ресурс]. – Режим доступу: zakon5.rada.gov.ua/laws/show/902-2014-%D1%80
6. Щодо розрахунку обсягів викидів забруднюючих речовин в атмосферне повітря від стаціонарних джерел забруднення [Електронний ресурс]. – Режим доступу: ukrstat.gov.ua/druk/coment/answer/19_16.htm

УДК 332.1

Pandas A. V.,

Odessa State Academy of Civil Engineering and Architecture

URBAN DEVELOPMENT TRENDS

Cities are a peculiar phenomenon of human civilization and a «generator» of social change in society. For modern urbanized countries, the city can be considered as the primary, carcass-forming element of a higher level of social organization – the state. Therefore, the study of the peculiarities of its status, the influence of regularities and trends of functioning is important for a person, a territorial community, organization of power directly in a modern city, state and global development processes.

Now cities is a multi-vector space of human, natural, functional and temporal characteristics, in which the life cycle of urban systems is realized. 2 % territories of the Earth occupy the city, 53% total population of Earth lives in cities. That's why the problem of rational development of territories of the city becomes the most actual.

And the most important urban trends:

I. Globalization. The most recent trends in the development of world society are the process of globalization, which transforms the world space into an extremely

difficult and dynamic system. Today, large cities take leading positions in the globalization process, their political, economic, social significance and role in the world economy and international intensifying relations.

II. Urbanization. The next trend is urbanization. This is a global phenomenon, which is associated with the process sustained urban growth, the rapid growth of large cities, the formation of gigantic megapolises, the transfer of urban lifestyle at rural areas.

III. Mega cities. Mega cities Are key employment markets, endowed with financial, managerial, information, and political functions. Concentrate in their system the head offices of most transnational corporations, leading media centers, information systems and technologies, turning cities into large information and logistics centers, such cities absorb growing migration processes. Mega cities serve as reference points for the circulation of human flows, providing a platform for official, business, scientific, representative and other contacts of all kinds, come here for work, education, recreation

IV. Agglomeration. Urban agglomeration is a compact and relatively developed set of complementary urban and rural settlements, which are grouped around one or more urban kernel and combined by industrial, social, labor and cultural – household connections.

V. Problems of the urban system. Lack of territories; denseness of central areas; imbalance in the location of workplaces and residential areas; increased density of people in places of residence and activities; environmental degradation.

These processes provide an understanding that the transformation of approaches to the development of urban areas and systems is indispensable. It should be borne in mind that each city has its own specifics and unique features, and therefore there are no universal solutions. In this sense, it is very important to have a clear strategy for transforming the urban space, which will be comprehensive and cover all key urban processes.

Modern large city should:

1. Base on the principles of autonomy on the world stage of economic relations;
2. Overlook in direct communication with the participants in the global market;
3. Promote cooperation, stable partnerships and relations outside the national economy;
4. Involve central and regional offices of international organizations, companies, headquarters;
5. Pay attention to business reputation, image, improving competitiveness and investment attractiveness.

Smart City is one of the key urban trends of our time, it is a future of the city. Smart Cities can become a link between the creation of an environmentally friendly future and further economic growth, as well as employment growth.