

PROGRESS TRENDS OF WIND ENERGY IN UKRAINE

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Modern powergenerative technologies are oriented mainly on insineration of the fossil fuel accumulated by nature for a long period of time. Many shientistsare counted, that such way bring humanity over to the catastrophic consequences, shown above all things in formation of invironment useless for life. Very big interest appears to the untraditional sources of receipt of energy, including to wind energy.

For the modern technical level of wind energetic options we can use districts with average annual speeds of wind 5 m/s. Therefore the priliminary estimate of wind descriptions of territory of Ukraine is given with use of this criterion. 214 weather-stations for a long period of time testify the analysis of these long-term supervisions that in Ukraine winds prevail from 0-5 m/s. But experience showed that data was given about averege annual speed of wind, got the weather-stations of Ukraine, useless for production of electric power by windy power-stations, because their error very often makes 40-70%/ General power of perspective wind power station. Ukraine is estimateб in 16000 megawatt with the possible annual making of electric power about 30 billion kilowatt-hour/

As for a legal base, on June, 15, 1994 Cabinet of Minister of Ukraine adopted the decision. 415 "About building of wind power-stations in Ukraine", and on March, 2, 1996 Decree of President of Ukraine was accepted 159/96 with the same name, which formed the soesial fund of building of wind power stations, due to the increase of tariff on electric power in a size 0.75% from the volume of commodity products of production of electric power. Development of wind energetics of Ukraine supports Law of Ukraine "About of electroenergy", Law of Ukraine "About energy supply", Law of Ukraine "About alternative energy sources".

After average speeds of wind - 5 m/s, it is possible to select 6 districts (Carpathians, Prichernomorsky, Donbassky, Western-crimean, Estern-crimean) and 2 areas (Poltava, Kharkov). There are

such wind power stations in Ukraine: Donuzlavska, Myrnovska, Vorobiyovska, Truskavetska, Askanivska, and also of the stage of planning — Western-Syvashska, Sdanese, Black sea, Djankoyska and other.

Special researches with the purpose of estimation of public thought in behalf of introduction of wind energetics in Ukraine were not conducted. But events of negative plan for all active period, beginning with 1989, place does not take. And judging on the publications in mass medias, it is possible to do a conclusion about positive perception of this direction. Positive argumentation is based on: receipt of electric power; improvement of ecological situation; creation of alternative to the nuclearepower plants; creation of new workplases. However, there are three fundamental problems in relation to development of wind energetic crisis of economy; unfavorable character of influencing of lagislative base; imperfect organizational structure.

INNOVATIONAL POTENTIAL OF THE ENTERPRISE

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The basic features of modern economy are increase of an openness national economy, growth of a competition, the further differentiation of inquires of consumers, amplification of a role scientifically technical progress, often changes of a economical vector development.

In such conditions the enterprise obtain if it can quickly achieve will adapt to changes a situation in the market, if it timely reveal market opportunities which open before them to satisfy inquiries of consumers more effective way than competitors. Those enterprises are going by innovational way of development.

It is necessary for enterprise which develops in the innovational way to improve the industrial base, system financially — technical security. It optimizes structure of a network of distribution and system of barter, making its more comprehensible for a situation in the market. Thus there is a reorganization of its