

- Such kinds of fuel as peat, firewood in modern energy balances compose small per cent.
- In some countries energetic in whole is based on hydro energy. In fact energetic resources of wind are used very seldom.
- As for the solar energy today it is not used in full. It happens because we don't have necessary technical solution of the problem of reforming of this kind of energy to electricity.
- Nowadays the nuclear energy plays a huge role in energetic.
- The facts about energetic resources of the world change all the time.
- Energetic resources are natural sources of energy which are reformed further to such forms of energy what can be used in industrial processes, in transport and in everyday conditions.
- The passing century was the century of oil and natural gas. Production and consumption of these resources that replaced wood and coal in the beginning of the century, increases every year.
- Russia owns approximately 1/7 of the explored world oil stocks (about 27.5 billion ton) and about 1/3 of the world natural gas stocks (about 48 trillion m³ as of 1996).
- Oil and natural gas are not only effective energy sources, but also valuable primary chemical products.
- Traditionally, the problems of oil and natural gas export in the USSR and in Russia were more political than economic.
- The possible increase of prices for natural gas, exported from Uzbekistan, was discussed on the governmental conference.

ENERGY SAVING AND ALTERNATIVE SOURCES OF ENERGY

Доп. – Лепетюха Л.В., ЕМ-41

- Energy as money: "...it can be lack of them, it can be enough, but it can't be much of them..."

- The electric power industry in 20 century developed rather quickly: the thermal power stations, the hydroelectric power stations, the atomic power stations grew "as mushrooms after rain".
- In the modern world it is difficult to imagine our life without an electricity.
- All enterprises, hospitals, houses and other establishments need an electricity.
- Growth of quantity of household appliances causes the increasing of using of an electricity.
- Influence of power on an environment and its inhabitants depends on a kind of used energy fuel.
- An increasing level of environmental pollution, damage of thermal balance of an atmosphere gradually lead to global changes of a climate.
- Deficiency of energy and limitation of fuel resources show the necessity of transition to non-traditional, alternative energy sources.
- Alternative energy sources - are harmless, renewed, because their basis is energy of the Sun and the Earth.
- The principal reasons specifying importance of the rapid transition to alternative energy sources are: globally-ecological, political, economic, social and historical.
- Nowadays coal becomes less popular.
- Known reserves of fuel resources will be exhausted by 2100.