Костылев НВ КЭФ-1-19

Summary.

Electric power systems are used for the transformation of other types of energy into electrical energy and the transmission of this energy to the point of consumption. Electric power systems transform mechanical energy into electrical energy and supply this to the end user. Electric as power is a very cheap way of transferring power.

A typical generation system would consist of 6 stages:

The power generation station

Step up transformers to high voltage for long distance transmission Transmission lines

Step down transformers at substations to lower the voltage for local transmission

Transmission lines

Local substation to supply the consumer network

Most of the world power is generated by steam derived from coal, oil, gas or nuclear power source. The power source heats the water into steam at high pressure, which turns the turbine of the generator. Little power is generated from Hydro, Wind or internal combustion engines.

EX.1

1. Where will be my cooler?
2. Alex has a new plan.
3. They were the greatest explorers of the 19th century.
4. Your mother will be at home at 5 o’clock tomorrow?
5. Yesterday our group has nothing to do.
6. You weren't a top Manager?
7. In an hour we will have the latest news.
8. I was surprised to see you at this time.
9. She doesn't have any possibility to complete this work.
10. He was our scientific leader when we studied at the University.
11. We will have an important discussion.
12. I’m afraid, she won't be a good specialist when she graduates from the University.

Ex 4

1. We (will attend) that conference in St. Louis next month. 2. He ( goes) in for sports once a week. 3. He (was) at the meeting yesterday. 4. I (will not wait) for you next time. 5. They (did not require) our help last Tuesday. 6. Do you ( know) the name of this girl? 7. There (were) thousands of people outside during the last festival. 8. The scientists say that the world (will grow) cold in 200 years. 9. She ( wants) to graduate from the University and to become a well-paid lawyer. 10. They (did not realize) their mistake even when the accident happened. 11. My friend always ( passes) his examinations well. 12. Are your parents proud of you when you show good results? 13. There (will be) an important meeting here next Thursday evening. 14. When they (were) young they (introduced) different methods of teaching foreign languages. 15. Why didn't you (come) to see us last weekend?

EX.7

1 was getting

2 watched

3 was installed

4 will complete

5 was working

6 is organized

7 is saying  
8 were having lunch

9 is done

10 were discussed

EX.8

1. Specialists determined the main properties of the substance this month.

2. These machines have been produced by our plant since last year.

3. The delegation will meet by 3 o’clock tomorrow.

4. We just carried out the test successfully.

5. I have never visited this museum.

6. The plane already leaves Kazan for Moscow.

7. When I came they told all the important information.

8. My sister looks through the morning newspapers for 30 minutes.

9. He never read the books by Agatha Christie.

10. John have visited by his group mates by yesterday evening.