**Задание для группы Э41 для урока ангийского языка 22.10.2020**

**Unit:** **Transmission Lines**

Прорабатываете все задания, 1, 3,4 - письменно (отрабатываем орфографию и запоминаем слова), фотографируете написанное и присылаете преподавателю на проверку: вконтакте или на e-mail: [tatjana.butorina2011@yandex.ru](mailto:tatjana.butorina2011@yandex.ru)

Кто не успевает в течение рабочего дня, сделать и прислать надо до следующего урока.

**Task1 Put down the Russian equivalents of these word combinations.**

1. interdependent city areas
2. interacting underground lines
3. interconnected overhead lines
4. transmitting power lines
5. transmission and distribution lines
6. overhead lines
7. step-down transformer
8. indoor lines
9. underground lines

**Task2** **Read and translate the text**

**Transmission Lines**

A power system is an interconnection of electric power stations by high voltage power transmission lines. Nowadays the electricity is transmitted over long distances and the length of transmitting power lines varies from area to area.

A wire system is termed a power line in case it has no parallel branches and a power network in case it has parallel branches.

According to their functions, power lines and networks are subdivided into transmission and distribution lines.

Transmission lines serve to deliver power from a station to distribution centres. Distribution lines deliver power from distribution centres to the loads.

Lines are also classed into: 1) overhead; 2) indoor; 3) cable (underground).

* Overhead lines include line conductors, insulators, and supports. The conductors are connected to the insulators, and these are connected to the supports. The greater the resistance, the higher are the heating losses in the conducting wires. In order to reduce the losses, a step-down transformer can be used.
* Indoor lines include conductors, cords, and buses. The conductor may include one wire or a combination of wires not insulated from one another. They deliver electric current to the consumers.
* As to underground lines, they are used in city areas. Accordingly, they are used in cities and towns, and in the areas of industrial enterprises.

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**Task3 Answer these questions: Отвечаете полными предложениями и пишите еще их перевод**

1. By what means is electric power system transmitted?

2. Which system has no parallel branches?

3. Into what groups are all the transmitting lines classed?

4. What components does an overhead line have?

5. What elements do conductors consist of?

6. In what areas are overhead (underground) lines used?

**Task4 Complete these sentences using the correct variant.**

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| --- | --- |
| 1. Electric power is transmitted | a) by electric lines.  b) by power networks. |
| 2. Lines are divided into | a) overhead and underground.  b) overhead, indoor and underground.  c) overhead and cables. |
| 3. An overhead line includes | a) conductors and supports.  b) conductors, insulators and supports.  c) conductors, cords and supports. |
| 4. The insulators are connected | a) to the buses.  b)to the cords.  c) to the supports. |
| 5. We use to prevent losses | a) step down transformers.  b) step up transformers.  c) step down and step up transformers. |
| 6. Underground lines are used | a) in cities.  b) in areas of enterprises.  c) in agricultural areas. |

Your Results

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| Name | 3/09 | 21/10 | 22/10 |  |  |
| Авхадиев Дамир | 5 | 5 |  |  |  |
| Дубровец Никита | 5 | 5 |  |  |  |
| Земцов Иван | 5 | 4 |  |  |  |
| Кожевников Данил | 4 |  |  |  |  |
| Коренной Илиан | 4 | 5 |  |  |  |
| Крестьянинов Ал. | 4 | 5 |  |  |  |
| Лебедев Руслан | 4 |  |  |  |  |
| Малинин Михаил |  |  |  |  |  |
| Михеев Антон | 3 |  |  |  |  |
| Палкин Кирилл | 5 | 5 |  |  |  |
| Русалеев Артём | 4 | 3 |  |  |  |
| Сидоренко Родион |  |  |  |  |  |
| Попов Константин |  | 4 |  |  |  |
| Сырчин Евгений | 3 |  |  |  |  |
| Якупов Динар | 5 | 5 |  |  |  |