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| **Курс:\_\_\_\_\_\_I\_I\_\_\_\_, группа(ы)\_\_\_\_\_\_**ТМ 1811**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****Дисциплина:\_\_\_\_\_\_\_\_**Иностранный яз.**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** **ФИО преподавателя\_\_\_\_\_**Шафигуллина И.Ш.**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****20.03.2020****Тема : Альтернативные источники топлива.Электромобили.Инфинитивные конструкции.**Выписать термины с переводом. |

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|  | [*Силовая электроника*](http://www.consultant-e.ru/index.php?&field=%F1%E8%EB.%FD%EB.&action_type=show_list_by_fields) |  |  |  |
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|  | **self-powered** |  |
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| 1) |  | с автономным питанием; с собственным источником энергии |  |  |
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|  | [*Энергетика и качество электроэнергии*](http://www.consultant-e.ru/index.php?&field=%FD%ED%E5%F0%E3.&action_type=show_list_by_fields) |  |  |  |
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|  | **nondispatchable generation** |  |
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| 1) |  | генерирующие мощности, не участвующие в АРЧМ (напр. нетрадиционные источники электроэнергии) |  |  |
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|  | **off-grid** |  |
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| 1) |  | не подключенный к сети; автономный (об источнике электроэнергии) |  |  |
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|  | **off-grid system** |  |
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| 1) |  | не входящие в энергосистему источники энергии (например, солнечные батареи) |  |  |
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|  | **primary energy consumption** |  |
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| 1) |  | потребление энергии от первичных источников |  |  |
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|  | **single service** |  |
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| 1) |  | снабжение электроэнергией от одного источника |  |  |
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|  | [*Возобновляемые источники электроэнергии*](http://www.consultant-e.ru/index.php?&field=%E2%EE%E7.%FD%ED%E5%F0%E3.&action_type=show_list_by_fields) |  |  |  |
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|  | **alternative energy** |  |
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| 1) |  | энергия, полученная от нетрадиционных источников |  |  |
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|  | **energy harvester** |  |
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| 1) |  | устройство извлечения электроэнергии (напр. из источника ограниченной мощности) |  |  |
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|  | **green energy** |  |
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| 1) |  | энергия от экологически чистых источников, энергия от альтернативных источников энергии |  |  |
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|  | **green power** |  |
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| 1) |  | экологически чистая энергия, энергия от альтернативных источников |  |  |
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|  | **inexhaustible energy sources** |  |
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| 1) |  | возобновляемые источники энергии |  |  |
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|  |  | Синонимы: renewable energy sources |  |  |
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|  | **intermittent renewables** |  |
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| 1) |  | возобновляемые источники энергии прерывистого действия |  |  |
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|  | **nonconventional backup** |  |
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| 1) |  | резервная мощность от нетрадиционных источников энергии |  |  |
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|  | **nonconventional power sources** |  |
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| 1) |  | нетрадиционные источники энергии |  |  |
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|  | **photovoltaic energy source** |  |
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| 1) |  | фотоэлектрический источник энергии |  |  |
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|  | **pollution energy source** |  |
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| 1) |  | "грязный" источник энергии (загрязняющий окружающую среду) |  |  |
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|  | **pollution-free energy source** |  |
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| 1) |  | экологически чистый источник энергии |  |  |
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|  | **renewable energy** |  |
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| 1) |  | энергия из возобновляемых источников |  |  |
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|  |  | Синонимы: soft energy |  |  |
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|  | **renewable energy generation** |  |
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| 1) |  | выработка электроэнергии с использованием возобновляемых источников |  |  |
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|  | **renewable generation plant** |  |
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| 1) |  | электростанций на возобновляемых источниках энергии |  |  |
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|  | **solar power source** |  |
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| 1) |  | солнечный источник электроэнергии |  |  |
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|  | **traditional backup** |  |
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| 1) |  | резервная мощность от традиционных источников энергии |  |  |
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|  | **unconventional power** |  |
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| 1) |  | мощность нетрадиционных источников энергии |  |  |
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|  | [*Теоретические основы электротехники*](http://www.consultant-e.ru/index.php?&field=%D2%CE%DD&action_type=show_list_by_fields) |  |  |  |
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|  | **power source** |  |
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| 1) |  | источник электрической энергии |  | http://www.consultant-e.ru/images/arrow_1.jpg |
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|  | [*Физика и математика*](http://www.consultant-e.ru/index.php?&field=%F4%E8%E7.&action_type=show_list_by_fields) |  |  |  |
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|  | **motive power** |  |
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| 1) |  | движущая сила; источник энергии для движения |  |  |
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|  | **thermoelectric power source** |  |
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| 1) |  | термоэлектрический источник энергии |  |  |
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|  |  | Синонимы: thermoelectric source |  |  |
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|  | **thermophotovoltaic energy source** |  |
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| 1) |  | термофотоэлектрический источник энергии |  |  |
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|  |  | Синонимы: thermophotovoltaic power source |  |  |
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|  | [*Общепромышленные машины и механизмы*](http://www.consultant-e.ru/index.php?&field=%EE%E1%F9.&action_type=show_list_by_fields) |  |  |  |
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|  | **power-assisted control** |  |
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| 1) |  | регулятор с использованием вспомогательного источника энергии |  |  |
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|  | **self-powered cooling loop** |  |
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| 1) |  | охлаждающий контур с автономным источником энергии |  |  |
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|  | [*Строительство*](http://www.consultant-e.ru/index.php?&field=%F1%F2%F0.&action_type=show_list_by_fields) |  |  |  |
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|  | **bivalent heat pump system** |  |
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| 1) |  | теплонасосная система с двумя взаимодополняющими источниками тепловой энергии |  |  |
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|  | **electric power source** |  |
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| 1) |  | источник электроэнергии |  |  |
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|  | **hybrid system** |  |
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| 1) |  | теплонасосная система с двумя взаимодополняющими источниками тепловой энергии |  |  |
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|  | [*Без категории*](http://www.consultant-e.ru/index.php?&field=&action_type=show_list_by_fields) |  |  |  |
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|  | **power-assisted control** |  |
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| 1) |  | непрямое регулирование (с использованием вспомогательного источника энергии) |  |  |
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|  | **power-operated control** |  |
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| 1) |  | непрямое регулирование (с использованием вспомогательного источника энергии) |  |  |
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|  | **renewable** |  |
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| 1) |  | возобновляемый (об источниках энергии); восстановимый |

Прочитать текст и ответить на следующие вопросы:

a.What elements does the electric gear change control system consist of?

b.Where is the system used?

c.What does the control system provide the driver?

**TEXT**

**Electric Gear Change Control System**

This electric gear change control system is for large vehicles. It consists of three basic elements: a controller located near the driver, an

electric cable to the transmission, and a solenoid actuated valve on the transmission that receives the signal from the driver to change gear selection.

The system is used in large trucks where the transmission is mounted far from the engine. The control system provides the driver a high degree of operation flexibility. The system also incorporates an inhibitor which prevents accidental down changing at high vehicle speed.

Изучить грамматический материал по теме : « Инфинитивные конструкции»

 К инфинитивным конструкциям относятся следующие:

* Инфинитив со значением цели (на русский язык чаще переводятся со «чтобы»):

*They will book a trip to London to meet the investors.*

* Инфинитив после относительных местоимений в придаточных предложениях:

*Jane advised her friend on what to wear at the charity ball.*

* Инфинитив после прилагательных (в том числе с конструкцией *It's (for)…*):
	+ *It is so hard to find a reliable assistant.*
	+ *It's so hard for me to find a reliable assistant.*
	+ *The game seemed boring to be continued.*
* Инфинитив после конструкций с прилагательное + *enough*или *too*:
	+ *You are mature enough to make reasonable decisions.*
	+ *They were too tired to participate in another conference.*
* Инфинитив после [пассивных конструкций](https://www.learnathome.ru/grammar/passive.html):
	+ *The children were made to clean the room.*
	+ *The employees were ordered to hand the financial reports in.*
* Инфинитив после конструкций *[there is/ there are](https://www.learnathome.ru/grammar/there-is-there-are-there-was-there-were-etc.html%22%20%5Ct%20%22_blank)*:

*There is nothing on TV to watch. = There is nothing to watch on TV.*

* Инфинитив после конструкций*Sb. is sure/ likely/ unlikely/ certain to do*:
	+ *We are likely to arrive on time.*
	+ *We are unlikely to arrive on time.*
	+ *We are sure/certain to arrive on time.*
* Инфинитив после конструкции *to be to do*:
	+ *All the students are to attend the conference.*
	+ *These works are to be proofread by Friday.*
* Инфинитив в составе сложного дополнения:
	+ *The boss wants you to go on business trip.*
	+ *He told George to leave him alone.*

Домашнее задание: Учить новую лексику, повторить грамматический материал.

Литература :

1. В.А. Шляхова. Английский язык для студентов автомобилестроительных специальностей. Учебное пособие. – М.: «Высшая школа», 2014. - 120 с.

2. Англо-русский словарь основных транспортных терминов [Электронный ресурс] / Под. общ. ред. В.В.Космина. – М.: РИОР: ИНФРА-М, 2013. – 544 с. – (Б-ка малых словарей ИНФРА-М)

3. Маньковская З.В. Английский язык : учеб. пособие / З.В.Маньковская. – М.: ИНФРА-М, 2018. – 200 с. – (Среднее профессиональное образование)

Домашнее задание надо оправить на электронную **почту ilsiyar.shafigullina@mail.ru** до 26.03.2020