Summery

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. Electric power can be generated from renewable source – e.g. Hydro or Wind.

A typical generation system would consist of 6 stages:

1. The power generation station
2. Step up transformers to high voltage for long distance transmission
3. Transmission lines (National grid)
4. Step down transformers at substations to lower the voltage for local transmission
5. Transmission lines (Local grid)
6. Local substation to supply the consumer network

Rotating magnets inside a series of field coils generates electricity. Most of the world power is generated by steam derived from coal, oil, gas or nuclear power source. A complete delivery system includes protection circuits against overload or short circuits and form factor correction

Ex 4

1 will attend 2 goes 3 was 4 will not wait 5 did not require 6 do you know 7 were 8 will grow 9 wants 10 did not realize 11 passes 12 Are your 13 will be 14 were, introduced 15 come

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 determined 2 have been produced 3 will meet tomorrow 4 5 have never visited 6 has already left 7 had been tell 8 looked 9 had never read 10 visited