

Electrical Energy Distribution

Watch the following videos to help you answer the questions:

<http://youtu.be/38EEemWHI0C8>

<http://youtu.be/pXasvq1ivnw>

<http://youtu.be/2eU3BgrmzkY>

http://www.youtube.com/watch?v=WTIQ_xcp0sU&feature=related

In your engineering notebooks answer following questions in complete sentences.

1. List and explain the 3 main elements of an electric grid.
2. Why is it called a grid?
3. What are the different types of power plants that produce electricity for the grid?
4. What does a substation do?
5. Explain the difference between transmission and distribution.