NCES 2nd Assignment

1. Explain the parameters that affect the performance of liquid flat plate collector.
2. Explain briefly thermal analysis of liquid flat plate collector.
3. Explain briefly transmissivity – absorptivity product.
4. Explain Briefly Top, Bottom and Side loss coefficient.
5. Explain with neat sketch photo voltaic cell.
6. Explain the working principle of horizontal axis wind turbine.
7. With neat sketch explain the working principle of Savonious and Darrius wind mill.
8. What are the advantages and disadvantages of wind mill?
9. Describe the consideration of selecting a site for wind generator.
10. Explain with neat sketch single and double basin tidal power plant.
11. Explain the principle of tide formation