

Energy Resource and Management

Assignment-2

1. Write the working of a hydro power plant with a neat diagram.
2. What are the different types of nuclear reactions? Define nuclear fission and fusion reactions. What is a nuclear chain reaction?
3. Explain how electricity is generated from a nuclear reactor? What are advantages and disadvantages of nuclear reactors?
4. Draw the layout of diesel power plant. Discuss the advantage and disadvantage of a diesel engine. State the applications of a diesel power plant?
5. State the advantages and disadvantages of a thermal power station as compared to hydroelectric power station and nuclear power station.
6. How power is generated in hydro power station? Explain with the help of neat & clean diagram.