

CAPS EE-7003

ASSIGNMENT 1

Q1 Explain Models of power system components. ?

Q2 Explain formation of Z bus.?

Q3. Write transmission line models. ?

Q.4 Define regulating transformer & line load ability ?

ASSIGNMENT 2

Q1. Classify Control of load bus voltage?

Q2 Write SVC & SVS.?

Q3. Define Regulated shunt compensation?

Q4. Write series and shunt compensation?

ASSIGNMENT 3

Q1 Classify General sensitivity relations?

Q2V Define line outage distribution factors?

Q3 Classify compensated shift factors ?

Q4 Define current Source inverters and Cycloconverters ?