

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Assignment Questions

SEM : 8

Subject Name/Code: Electrical Power Quality /18EE825

DATE: 17/04/2023

Total Marks: 10

Faculty Name: Dr. G Sreeramulu Mahesh

Assignment 1

1. Explain equipment sensitivity on voltage sags with 3 case studies.
2. Explain the concept of utility and customer solutions in voltage sag problems.

Assignment 2

1. Explain with the waveform
 - a) A.Impulsive transients
 - b) B.Oscillatory transients
 - c) C.Multiple transients
2. Explain the concept of estimating probability of a voltage sag problem.

Assignment 3

1. Explain (a). CVT techniques
(b).Setting advices
2. Explain the cause of voltage sags in industrial systems with proper waveforms.