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| **Questions** | **UNIT** | **Type\*** | **Course Outcome Mapping** | **Marks** | **Students Name** |
| Case study of voltage swell in the power quality problems | 4 | D | CO4 | 20 | R.Arun |
| Case study of capacitor switching with various methods | 2 | D | CO4 | 20 | M.Arun kumar |
| Case study of different harmonics occur in power quality | 3 | I | CO5 | 20 | M.Bala murugan |
| Case study of shunt and series compensators | 4 | D | CO4 | 20 | M.Gowdham kumar |
| Case study of voltage sag in power quality issues | 2 | I | CO5 | 20 | B.Muthuirulapan |
| Case study of Effect of harmonic distortion in the power quality issues | 5 | I | CO5 | 20 | M.Abirami |
| Case study of Locating harmonics sources | 3 | I | CO5 | 20 | V.Saranya devi |
| Case study of power quality measurement equipment devices | 5 | I | CO5 | 20 | M.Maheswari |
| Case study of power quality measurement equipment 1)harmonics analyzer 2) flicker meter | 1 | D | CO4 | 20 | M.Samuvel |
| Case study of DSTATCOM for power monitoring | 1 | D | CO4 | 20 | Muthuraman |
| Case study of Voltage compensator devices for power quality issues | 5 | D | CO4 | 20 | M.Vignesh |
| Case study of various power quality issues with one example | 4 | D | CO4 | 20 | Gokulraj |

**CASE STUDY**

**EE 8006 POWER QUALITY**