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- Point of wave, where the fault occurs
- System Impedance Ratio (SIR)
- CVT burden















Conclusion

- High-C CVTs reduce distance relay overreach
- Resistive burden causes less CVT transient

Classification of CVTs

- Accuracy class
 - Protection 3P & 6P (typical)
 - Metering 0.3 & 0.6
- VA rating
- Voltage factor
 - ♦ 1.2 V_{nom} continuous
 - ◆ 1.5 / 30 sec (effectively earthed)
 - ◆ 1.9 / 8 hrs (unearthed, insulated neutral etc.)













