

# CT Burden Measure Report



**Site ID:** 9S Testing

**Customer:** Powermetrix

**Test Date:** Thursday, February 09, 2017 8:48:52 AM (UTC+05:00)

**Service:** 3-Phase, 4-Wire, Wye (3V, 3C) TR

**Account No:**

**Tech 1:** RG

**Tech 2:**

**Sys ID:** 3302-430307

**Comments:**

## Transformer Information

| Phase | Manufacturer          | Catalog No | Serial No | NPR:5 | Bur. Class | Acc. Class |
|-------|-----------------------|------------|-----------|-------|------------|------------|
| A     | GEC Durham Industries | 197KBRP    | 2714064   | 100   | 0.2        | 0.3        |
| B     | GEC Durham Industries | 197KBRP    | 2714066   | 100   | 0.2        | 0.3        |
| C     | GEC Durham Industries | 197KBRP    | 2714065   | 100   | 0.2        | 0.3        |

## CT Burden Measurements

| Phase | Wire Length Feet | Wire Diameter AWG | Wire Burden (Ohms) |
|-------|------------------|-------------------|--------------------|
| A     | 10.0000          | 12.0000           | 0.0159             |
| B     | 10.0000          | 12.0000           | 0.0159             |
| C     | 10.0000          | 12.0000           | 0.0159             |

| Phase | Volts  | Amps (mA) | Burden (Ohms) | Total Burden (Ohms) |
|-------|--------|-----------|---------------|---------------------|
| A     | 0.3947 | 5.2391    | 0.0753        | 0.0912              |
| B     | 0.1203 | 5.1409    | 0.0234        | 0.0393              |
| C     | 0.6432 | 5.4467    | 0.1181        | 0.1340              |