

# Data Point Conversion when using a Stepdown PT

*Note: This document is not intended to serve as instructions for installing the PT. Please insure that all installations are performed by a qualified electrician.*

When using a stepdown PT in conjunction with a Veris meter some of the data given by the meter will be low by the ratio that the voltage was stepped down.

To determine the multiplier that must be applied to the data divide the rated input voltage of the PT by the rated output voltage of the PT. A 4160 Volt to 240 Volt PT would give you a multiplier of 17.3.

The data points that will be affected are:

- kWh, Consumption
- kW, Real Power
- VAR, Reactive Power
- VA, Apparent Power
- Average Demand
- Minimum Demand
- Maximum Demand
- Voltage, Line-to-Line
- Voltage, Line-to-Neutral
- kW Demand, Phases A, B, and C
- Voltage, Phase-A to Phase-B
- Voltage, Phase-B to Phase-C
- Voltage, Phase-A to Phase-C
- Voltage, Phase-A to Neutral
- Voltage, Phase-B to Neutral
- Voltage, Phase-C to Neutral