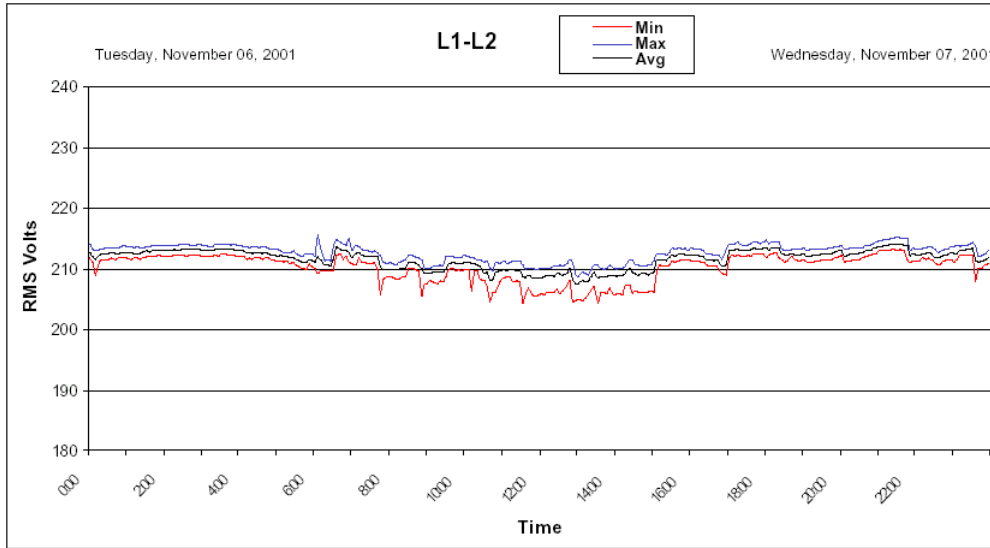


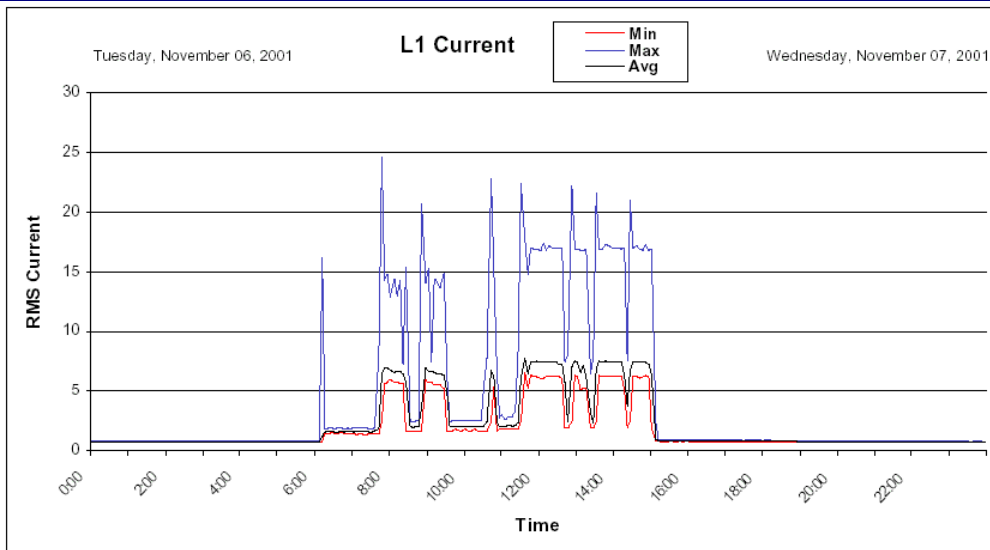


Understanding and using the RMS Voltage and Current Logs as supplied by Rx Monitoring Services.



### RMS Voltage Measurements

An RMS voltage log chart appears at first look to be a coarse diagnostic tool. However, it contains valuable information. MIN and MAX measurements are based on one-cycle RMS measurements, so voltage sags and swells are accurate and can be clearly identified. In addition, the range between MIN / AVG / MAX readings provides a quick overview of voltage stability or flicker level. Look for daily trends as well as isolated events.



### RMS Current Measurements

RMS Current measurements are similarly valuable. AVG readings provide information about loading and thermal requirements; MAX readings show one-cycle surges or inrushes. Comparing the RMS voltage and current log charts will show coincidence. Here, RMS current surges caused by the load being monitored (below) clearly cause a small drop in RMS voltage (above).