



# Tip Of The Week

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**September 3, 2012**

## PT Configuration And Power Analysis Results

When installing *MTAP2*'s on three-phase systems that utilize three PT's, make sure that the PT's are configured either in a Delta or Wye. We recently experienced a situation in which three PT's separately fed a PLC system. Upon further investigation, it was found the PT's were not connected together by any means (i.e., both wires went directly to the PLC) and were not connected in either a Delta or Wye. Although this works for the PLC system which only monitors voltage as a value, it does not provide proper phase configuration references when used with the *MTAP2*'s. Without these phase configuration references, the power analysis will not provide the proper results.

You are invited to submit an Electric Motor Testing Tip of your own and receive a free PdMA mug or hat if we publish it! Contact Lou at 813-621-6463 ext. 126 or [lou@pdma.com](mailto:lou@pdma.com).

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