



A Leader in Electric Motor Testing

Tip Of The Week

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Repair or Replace?

After 2010 the new Energy Independence and Security ACT (EISA) changed the efficiency requirements of many manufactured electric motors. Newer higher efficiency motors can save facilities many thousands of dollars in electrical costs over the life of the motor. However, the payback period and capital recovery for electrical savings along with a little push from accounting still has many motor owners making the decision to repair motors vs. replace. Make sure that you have all the facts before presenting the repair vs. replace options to accounting for their help in the final decision.

If you're a MCEGold customer you have access to the Energy Analysis Module which delivers a Repair vs. Replace report. The big advantage is having real data on the motor being considered for repair or replacement. With existing and historical power and operational data available the accuracy of the energy costs for the new higher efficiency motor being considered are greatly improved. Sometimes this works in the favor of replacement and sometimes this works in the favor of repair. Either way it is a vast improvement over just plugging in nameplate data from the new motor and calculating savings without any real operational data.

To see an example of a repair vs. replace exercise visit the PdMA Website at:

http://www.pdma.com/webinars/Energy_Green/Energy.mp4

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. 166 or lou@pdma.com.

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