



# Tip Of The Week

**June 11, 2012**

## Using Energy Analysis

So you're forced with a situation that can have a major impact in the amount of spending at your plant. A motor is damaged and it is your responsibility to decide, or influence the decision on whether to repair or replace it. Using the PdMA MCEGold Energy Analysis module you can enter cost factors and compare a new motor versus a repaired motor in terms of total cost and payback. This analysis includes an application performance factor, which applies real data from the existing asset performance in the exact environment and location that the new motor would run in, to provide energy estimates for the new motor. Additionally, you can manipulate the replacement asset nameplate to view estimates on how a motor of a slightly different nameplate may affect costs in the application. Lastly, you can search your database for a motor of specified nameplate information right from within the Energy Analysis module which can save time and money if you find one available that can provide a solution to the problem.

For more information on the MCEGold Energy Analysis please contact your PdMA Sales Representative or our Technical Support group at 813-621-6463 ext. 251.

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).

Copyright 2012 PdMA Corporation. All rights reserved. The PdMA Tip of the Week is produced by PdMA. PdMA shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon.