

From: dan potts [mailto:danpotts@shaw.ca]  
Sent: Monday, December 15, 2008 下午 02:45  
To: Ciccateri, Jim EMPR:EX  
Subject: FW: FOR COMMENT - Regulatory Summary Proposal, 1-500hp electric motor efficiency standards under Energy Efficiency Act

Jim - I received the comment below from Carlo Dal Monte of Catalyst.  
Could you please verify that his understanding that existing motors are grandfathered is correct? Dan

Dan

A couple of comments,

Generally on new installations the high efficiency motors make sense, however for existing infrastructure it can be challenging since the high efficiency motors (especially the big ones) tend to be significantly longer - even with the same motor base and therefore may require significant expense to install. Therefore the NPV of upgrading is often significantly lower - also this analysis assumes an incremental rate increase of 2%/year, we know that it will be higher than that for the next few years at least. So as long as this policy grandfathers existing motors, which I believe it does, I have no issues with it.

Ensuring that the rewinding of existing motors is done to maximize the efficiency is a noble goal. However, the greater opportunity is around motor control rather than the efficiency of the motors themselves.

Finally, this seems like a lot of work for a 1/3 MW.

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