

Energy Independence & Security Act 2007

Presented by:





What is EISA?

- Energy Independence & Security Act 2007
- Signed December 19, 2007
- Purpose is to design and improve the nation's energy policies



What does the law state?

- Effective December 19, 2010, newly built motors must be PREMIUM EFFICIENCY.
- Motors that were not covered by EPACT previously, will be required to meet standards in 2010.



Exemptions/Not covered

- Single phase motors
- Special shafts
- TENV, TEAO, DPFV, TEBC enclosures
- V/Hz Inverter motors
- Design D
- 50Hz
- Frames that are 2 digits (48, 56)
- Non-continuous motors
- Multi-speed motors



EPACT motors

- Motors which must meet EPACT in 2010:
 - Close coupled pump
 - Vertical solid shaft
 - Round body
 - Non-standard voltages @ 60 Hz
 - 200-500 HP
 - Firepump motors
 - U-Frame



What does this mean to me?

- Do you have part numbers of compliant motors for your drawings?
- Performance testing with EISA products?
- Do purchasing agents have correct part numbers?
- Is the manufacturer making a Premium Efficiency replacement?



Proposed Legislation

- NEMA and motor manufacturers are working together on incentives to encourage switching to Premium Efficiency motors early.
- Previous attempts have failed
- New attempts with advocacy groups are in the works



Conclusion

- Does your motor provider understand this new law?
- Don't wait until December 19, 2010 to start the process.
- Contact Bennett Electric today for your conversions and a quote!



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