

## Central Moloney's D.O.E. Final Rule Implementation Plan

Equipment Evaluation Complete	April 2008
Equipment Installation Start	August 2008
Equipment Installation Complete	December 2008
Design Parameters Review Start	January 2008
Design Parameters Complete	September 2008
Critical Material Supply Finalized	March 2008

### D.O.E. COMPLIANT JANUARY 1, 2009

*Central Moloney is committed to providing transformers that best meet your requirements. With more than 59 years experience manufacturing transformers for our valued customers, we stand ready to work with you every step of the way, making sure that you get exactly what you need. D.O.E. compliant transformers are in your future. Rest easy, knowing they're from Central Moloney, Inc.*



#### Customer Service

Call us at 870.534.5332 or Fax us at 870.543.6560  
E-Mail us at [info@centralmoloneyinc.com](mailto:info@centralmoloneyinc.com)



**Central Moloney, Inc.**

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It's in Your Future...  
**We're Ready.**  
**Are You?**



**Central Moloney, Inc.**  
An ISO 9001 Certified Company

The U.S. Department of Energy has spoken ...

**“Manufacturers of liquid filled distribution transformers must meet or exceed minimum efficiencies by January 1, 2010. Transformers manufactured on that date or later cannot be shipped within the United States of America without meeting the efficiency Final Rule.”**

**D.O.E. efficiency levels for liquid filled distribution transformers manufactured January 1, 2010 and beyond.**

Single Phase (referenced to NEMA TP-1)			Three-Phase (referenced to NEMA TP-1)		
KVA	TP-1	DOE Rule	KVA	TP-1	DOE Rule
10	98.4	98.62	15	98.1	98.36
15	98.6	98.76	30	98.4	98.62
25	98.7	98.91	45	98.6	98.76
37.5	98.8	99.01	75	98.7	98.91
50	98.9	99.08	112.5	98.8	99.01
75	99.0	99.17	150	98.9	99.08
100	99.0	99.23	225	99.0	99.17
167	99.1	99.25	300	99.0	99.23
250	99.2	99.32	500	99.1	99.25
333	99.2	99.36	750	99.2	99.32
500	99.3	99.42	1000	99.2	99.36
667	99.4	99.46	1500	99.3	99.42
833	99.4	99.49	2000	99.4	99.46
			2500	99.4	99.49

**WE'RE HELPING YOU TRANSFORM THE EARTH INTO A GREENER, HEALTHIER PLACE.**



**What will be the impact on your utility or business?**

Some will be affected more than others. The **greatest impact** on size and cost will occur for the utilities that bought on First Cost only. Utilities that have purchased on Total Owning Cost (T.O.C.), depending on the No-Load and Load-Loss factors, will experience less impact.

**Central Moloney, Inc. continues to improve core quality.**

We have invested in new monitoring equipment such as computer-controlled annealing, dew-point monitoring and temperature profile auditing. Every step of the core manufacturing and stacking process has been analyzed and improved to ensure our cores perform at D.O.E. efficiency levels.



**Central Moloney, Inc. is ready to be your supplier.**

Many of our single-phase and three-phase liquid filled transformer designs are already D.O.E. compliant. We can start production of your D.O.E. compliant transformers immediately for rapid delivery!

Additionally, thanks to our strong relationships with key suppliers, we are finalizing negotiations to secure adequate supplies of raw materials – core steel, copper, aluminum and oil – in order to fully implement the D.O.E. Final Rule.

We are confident we can continue to fulfill your liquid filled transformer needs without delays or interruptions.

