

Energy Policy Act Information — Part I

Energy Star requirements start in 2007

Now is the time to start planning for the new federal requirements regarding distribution transformers that will be in effect as of January 1, 2007.

The Energy Policy Act of 2005 mandates that effective January 1, 2007 all “Low voltage, dry-type distribution transformers” must meet the Energy Star (NEMA TP-1) energy efficiency standard. The intent of this legislation is to save energy, reduce building owner’s and occupant’s monthly energy bills while reducing greenhouse gas emissions.

What transformers are affected by this requirement?

General purpose ‘distribution transformers’ (ventilated) 60 Hertz transformers with an input voltage of 34.5 kilovolts or less and an output of 600 volts or less, this includes non-linear (K-factor) transformers.

It does not include 50 Hz transformers or special purpose transformers including drive isolation transformers (DIT), auto-transformers, and machine tool transformers.

What about my existing stock of transformers?

You can still sell the transformers that you have in stock.

It will still be legal to sell transformers that do not meet the new requirements if they were manufactured before January 1, 2007 as shown on nameplate date code, except in those states that have existing laws, including California, Massachusetts, Connecticut, Maryland, Minnesota, New York, Oregon and the city of Burlington, Vermont.

Jefferson Electric will replace the existing models of transformers with redesigned units that meet the Energy Star requirements by the end of 2006.

How can I learn more?

Contact your Jefferson Electric representative for details on Jefferson’s PowerSaver line of Energy Star transformers or contact our headquarters at the numbers listed below.

For more information see our website www.jeffersonelectric.com

Go to Resources>Technical Documents and look at the documents under the “Energy Bill Information” section including: Energy Bill Q&A, TP-1 Whitepaper, and Energy Policy Act Information Parts I, II & III

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