

Table 6. S.1766 Proposed Efficiency Levels for Low Voltage Dry-type Transformers

Single-phase		Three-phase	
Size (kVA) ^a	Efficiency (%) ^b	Size (kVA) ^a	Efficiency (%) ^b
15	97.7	15	97.0
25	98.0	30	97.5
37.5	98.2	45	97.7
50	98.3	75	98.0
75	98.5	112.5	98.2
100	98.6	150	98.3
167	98.7	225	98.5
250	98.8	300	98.6
333	98.9	500	98.7
		750	98.8
		1000	98.9

^a Nameplate capacity of the transformer in kilovolt-amperes

^b Transformer efficiency is the amount of usable electricity obtained as a percent of the electricity that enters the transformer.

Source: Oak Ridge National Laboratory, *Supplement to the "Determination Analysis" (ORNL-6847) and Analysis of the NEMA Efficiency Standard for Distribution Transformers*, ORNL-6925 (Oak Ridge, TN, September 1997).