

Volume III, Distribution Lightning Arrestors, Appendix 2, Attachment B

Q. For 1993 to 2002, please indicate total number of distribution transformers in-service (with and without lightning arrestors). As well, please indicate the number of transformer failures due to lightning strikes, each year.

A. Currently, Newfoundland Power has approximately 43,400 pole-mounted transformers in service. Table 1 below summarizes the number of arrestors installed and transformer failures due to lightning each year since 1992.

Table 1 Arrestors Installed and Transformer Failures Due to Lighting		
Year	Arrestors Installed	Transformer Failures
1993	0	108
1994	0	90
1995	541	103
1996	508	92
1997	661	138
1998	693	254
1999	1,215	44
2000	1,289	22
2001	1,224	50
2002	1,938	323
Total	8,069	1,224