

In reference to Schedule “B”, page 33 of 82 and the transmission system engineering study at a project cost of \$500,000:

**Q. Please provide proof that “customers served by radial transmission line systems have in general experienced more frequent and longer power interruptions than other customers”. Please use the system average interruption frequency index (SAIFI) and the system average interruption duration index (SAIDI) for comparative purposes in these areas.**

**A.** Table 1 below provides a comparison of the interruption statistics (SAIDI and SAIFI) for customers served by radial transmission lines versus customers served by a non-radial transmission system. The interruption statistics represent an average for the years 1997 to 2001 inclusive.

<b>Table 1 Comparison of Interruption Statistics</b>		
	<b>Radial Transmission System</b>	<b>Non-Radial Transmission System</b>
SAIDI (hours/year)	10.61	4.64
SAIFI (interruptions/year)	6.99	4.23