

Q. DISTRIBUTION**DISTRIBUTION RELIABILITY INITIATIVE (POOLED), p. 45 of 81, \$3,114,000****PUB 14.0**

Given that the data gathered prior to 2002 for feeder BOT-01 had unusually high customer minutes which have already been partially addressed, what are the SAIFI and SAIDI statistics for the period from 2002 to 2004?

- A. Table 1 below provides the unscheduled distribution outage SAIDI and SAIFI statistics for the BOT-01 feeder for the period 2002 to 2004.

Table 1		
SAIDI and SAIFI Statistics		
Unscheduled Distribution Outages		
BOT-01		
Year	SAIDI	SAIFI
2002	4.00	1.79
2003	2.48	0.74
2004	20.17	6.56
Average	8.88	3.03
Corporate 3 Year Average	2.23	1.56

In 2000, customers served by the BOT-01 feeder experienced unusually high customer outage minutes due to a problem with the protective coordination settings on a recloser.

Protective coordination settings are based on system models and engineering calculations. The settings are applied to a recloser to limit outages due to faults on the power system to the smallest practical area.

In 2001, the protective coordination problem on BOT-01 was solved. Given that the reason for the extraordinary outages in 2000 and 2001 had been identified and remedied, it was decided that it would be appropriate to exclude the 2000 and 2001 outage data from the engineering assessment of the reliability performance of the feeder.