

1 **Q. Tab 4.1 Distribution Reliability Initiative – Appendix C – Kingsbridge KBR-10 Feeder**
2 **Study**

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4 **What was the cause of the aerial cable failing twice in the last three years?**

5
6 **A.** The aerial cable failed twice in the last 3 years due to failure of the cable insulation.

7
8 The KBR-10 cable was installed in 1980. Since that time, there have been 10 recorded
9 faults on the cable.¹ The factors contributing to the most recent faults on the cable are the
10 age of the cable, ingress of water into the cable's PVC insulation jacket and the
11 cumulative effects of previous failures.

¹ This is an unusually high number of recorded faults for a cable that is only 700 metres in length.