

1 Q. For the budget item identified below, answer the following question.

<i>Budget Item</i>	<i>Amount</i>	<i>Description</i>
B-32	\$51,000	Purchase and Install Remote Communications Equipment – Buchans & Stony Brook

2

3 Further to PUB-23.1, document each instance (time, duration and cause of  
4 the outage) over the past two years where data was retrieved for fault  
5 analysis, and where such remote access would have improved restoration  
6 time. For each instance, indicate improvement in restoration time that would  
7 have been expected had this equipment been in place.

8

9 A. Of the outages in Buchans and Stony Brook during the past two years, the  
10 proposed equipment could not have been used to reduce the outage times  
11 on these particular outages. However, similar remote communication  
12 systems have been installed and operating for over ten years in other  
13 stations. These are St. Anthony Airport, Bottom Brook, Doyles, Bay d'Espoir  
14 and Sunnyside. Information has been collected from these sites which has  
15 been used to reduce outage times.

16

17 For example: remote communication was installed on TL 214 out of Bottom  
18 Brook in 1991. This has been used to instruct line crews where the fault  
19 was on the line. The crew traveled directly to this area and took measures to  
20 correct the problem. If the fault location was not known, the crew would start  
21 at the beginning of the line and could take hours to find the damage.

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23 Advances in technology, such as this, when available to utilities does assist  
24 in providing faster restoration to customers.