

1 **Q. Re: 2015 Distribution Reliability Review**

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3 **Chart 6 shows the SAIDI for Newfoundland Power vs the Canadian average and**
4 **Chart 7 shows the SAIFI for Newfoundland Power vs. the Canadian average. What**
5 **is Newfoundland Power's assessment as to why it has performed better than average**
6 **on SAIDI and consistent with the average on SAIFI?**
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8 A Since 1998, programs have been introduced to address reliability issues and the response
9 time to outages. These include the *Rebuild Distribution Lines* capital project, the
10 *Distribution Reliability Initiative* capital project and the establishment of formal
11 inspection guidelines. These programs have been largely based on maintaining pole line
12 infrastructure. As a result, these programs have been very effective in substantially
13 reducing both SAIDI and SAIFI and have contributed to improvements in Newfoundland
14 Power's performance relative to other Canadian utilities for both SAIDI and SAIFI. The
15 impact on SAIFI has been significant but less than the impact on SAIDI.
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17 SAIFI is improved by reducing the frequency of customer outages or by reducing the
18 number of customers interrupted when outages do occur (for example, by adding
19 equipment to distribution feeders such as downline reclosers). To date, Newfoundland
20 Powers efforts have focused primarily on replacing deteriorated infrastructure and
21 improving maintenance practices. These initiatives tend to have a greater impact on
22 SAIDI than SAIFI.