

1 **Q. Pages 18-22, Rebuild Distribution Lines Program. In response to**
2 **PUB-NP-006 filed during the 2015 Capital Budget Application, Newfoundland**
3 **Power notes that the SAIFI, SAIDI, CHIKM and CIKM indices are used to identify**
4 **feeders requiring reliability assessment. Please explain how these indices, the**
5 **associated reliability assessments, and the list of worst performing feeders are**
6 **considered by Newfoundland Power when identifying the feeders that require**
7 **inspection and annual preventative maintenance as part of a Capital Budget**
8 **Application.**

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10 **A.** Feeder reliability is not considered in determining the feeders requiring inspection and
11 maintenance under the Rebuild Distribution Lines program. Under Newfoundland Power's
12 distribution asset management practices, all distribution lines are inspected on a 7-year
13 cycle regardless of historical reliability performance. During the inspection, deficiencies
14 are identified and repaired on a prioritized basis. The inclusion of a feeder under the
15 Rebuild Distribution Lines program does not imply that work will necessarily be
16 completed on each feeder listed, but merely that an inspection will be completed.

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18 The purpose of the Rebuild Distribution Lines program is to have a reasonable and
19 consistent inspection cycle to identify and repair deficiencies on feeder infrastructure,
20 prior to outages that might otherwise occur as a result of such deficiencies.

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22 Reliability indices such as SAIDI, SAIFI, CHIKM and CIKM, are used by the Company for a
23 different purpose: they serve as a screening tool to identify the worst performing feeders
24 under those metrics so that a detailed reliability assessment in the form of an
25 engineering review can be performed. The reliability assessment will determine if any
26 work, capital or otherwise, is required in order to address reliability issues that might be
27 verified by the reliability assessment.¹ Capital work identified through this engineering
28 review process is typically proposed and completed in a project under the *Distribution*
29 *Reliability Initiative*.

¹ See the response to Request for Information PUB-NP-006, page 2, lines 7-17 in relation to the Company's *2015 Capital Budget Application*.