

1 **Q. Explain in detail how asset management personnel monitor, in general, the**
2 **completions by field maintenance and construction operations of various**
3 **inspections, PMs, and CMs, and reliability enhancement work.**
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5 A. The Company's Distribution, Transmission and Substation inspection and maintenance
6 practices are explained in detail in the responses to requests for information PUB-NP-
7 067, PUB-NP-060 and PUB-NP-064 respectively. All inspection and maintenance
8 activity is recorded and tracked in the asset management system called Avantis.
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10 **Inspections & Preventative Maintenance**

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12 Substations are inspected monthly, transmission lines are inspected annually and
13 distribution lines are inspected on a seven year cycle. The inspection and resulting
14 preventative maintenance requirements are recorded in Avantis. When a required
15 inspection or preventative maintenance activity is completed the completion status is
16 updated in Avantis.
17

18 Substation inspection and preventative maintenance status is monitored by an Asset
19 Maintenance Coordinator. The coordinator holds a weekly scheduling meeting with
20 maintenance supervisors and superintendents. The status and scheduling of inspections is
21 discussed and adjusted as required at that meeting. Overall accountability for substation
22 inspections and preventative maintenance is the responsibility of Superintendent System
23 Control and Electrical Maintenance.
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25 Distribution and transmission inspections and preventative maintenance activities are
26 monitored by the Superintendents of Operations. On a monthly basis, the
27 Superintendents are required to review, assess and if necessary prioritize the activities
28 recorded in Avantis, and report to the Regional Manager.
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30 **Corrective Maintenance**

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32 The status of corrective maintenance is normally monitored by the System Control Center
33 using the Company's Outage Management System, with the appropriate staff being
34 notified as required to make repairs on a timely basis. After regular working hours an on
35 call managerial employee would be notified as required.
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37 For outages at the substation or transmission levels the Manager of System Operations
38 and the appropriate Regional Manager are notified. The Vice President of Customer
39 Operations and Engineering are also notified of all outages at the substation or
40 transmission level. Outages of excessive duration are also reported to the President and
41 CEO.

1 **Reliability Enhancement**

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3 Reliability Enhancement work is budgeted in the Capital Budget and filed annually with
4 the Board of Commissioners of Public Utilities (the “Board”). The status of all capital
5 projects is monitored regularly at the Superintendent level. The status of capital projects,
6 at a summary level, is reported internally to senior management on a monthly basis
7 through a monthly capital report.

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9 Newfoundland Power reports on the status of the current year’s capital projects to the
10 Board on an annual basis through its Capital Expenditure Status Report which is included
11 in the Company’s Capital Budget Application filing.¹

¹ Newfoundland Power files its annual capital budget application in June or July of each year.