

**Q. (Reference Report 1.1 Distribution Reliability Initiative)**

- a) Please provide a table showing annual expenditures on the Distribution Reliability Initiative since its inception in 1998 as well as the annual expenditures on the Reconstruction program and the Rebuild Distribution Lines program for the same years.**
- b) How has the Distribution Reliability Initiative affected corrective and preventative maintenance expenditure on feeders?**

- A. a)** Table 1 provides the annual expenditures under the *Distribution Reliability Initiative*, the *Reconstruction* and the *Rebuild Distribution Lines* programs.

| Table 1<br>Annual Expenditures for Selected Programs<br>(\$000s) |       |                |                               |
|------------------------------------------------------------------|-------|----------------|-------------------------------|
| Year                                                             | DRI   | Reconstruction | Rebuild<br>Distribution Lines |
| 1998                                                             | 613   | -              | -                             |
| 1999                                                             | 2,870 | -              | -                             |
| 2000                                                             | 1,092 | 1,888          | 755                           |
| 2001                                                             | 1,776 | 2,547          | 2,223                         |
| 2002                                                             | 1,092 | 2,878          | 3,120                         |
| 2003                                                             | 1,546 | 2,846          | 3,351                         |
| 2004                                                             | 763   | 2,420          | 3,305                         |
| 2005                                                             | 1,260 | 2,898          | 3,405                         |
| 2006                                                             | 3,365 | 2,989          | 2,811                         |
| 2007                                                             | -     | 3,563          | 3,249                         |
| 2008                                                             | 1,411 | 3,193          | 3,566                         |
| 2009                                                             | 455   | 4,123          | 1,608                         |
| 2010                                                             | 334   | 3,039          | 1,268                         |
| 2011                                                             | 380   | 3,967          | 2,413                         |
| 2012                                                             | -     | 3,463          | 3,723                         |
| 2013                                                             | -     | 4,643          | 2,958                         |
| 2014                                                             | -     | 5,041          | 4,338                         |
| 2015                                                             | 1,030 | 5,059          | 4,137                         |
| 2016                                                             | 359   | 4,876          | 2,846                         |
| 2017                                                             | 1,516 | 4,576          | 3,269                         |
| 2018                                                             | 2,713 | 5,903          | 4,429                         |
| 2019                                                             | 1,636 | 5,579          | 4,371                         |
| 2020                                                             | 2,139 | 6,275          | 4,477                         |

| Table 1<br>Annual Expenditures for Selected Programs<br>(\$000s)<br>(continued) |       |                |                               |
|---------------------------------------------------------------------------------|-------|----------------|-------------------------------|
| Year                                                                            | DRI   | Reconstruction | Rebuild<br>Distribution Lines |
| 2021                                                                            | 817   | 5,959          | 4,143                         |
| 2022                                                                            | 350   | 6,179          | 3,956                         |
| 2023                                                                            | 957   | 7,622          | 5,085                         |
| 2024                                                                            | 1,613 | 8,633          | 5,253                         |
| 2025                                                                            | 321   | 8,488          | 5,270                         |
| 2026F                                                                           | -     | 7,674          | 5,263                         |

Newfoundland Power is unable to provide actual annual expenditures for the *Reconstruction* and *Rebuild Distribution Lines* capital programs for the years 1998 and 1999. Differences in the reporting of capital expenditures prior to 2000 resulted in actual expenditures not being available at the program level.

- b) The *Distribution Reliability Initiative* targets Newfoundland Power's worst performing distribution feeders to improve reliability for customers experiencing reliability well below the corporate average. The project is unrelated to preventative and corrective maintenance completed by Newfoundland Power each year.<sup>1</sup>

Targeted upgrades completed under the *Distribution Reliability Initiative* reduce deficiencies on the feeders addressed; however, in the context of Newfoundland Power's approximately 300 distribution feeders, the overall impact on maintenance expenditures is minimal.

<sup>1</sup> See the response to Request for Information PUB-NP-004 for further discussion of Newfoundland Power's distribution maintenance programs, including their relationship to discrete capital projects including the *Distribution Reliability Initiative*.