

- 1 **Q. (Reference CA-NP-098) In Table 1 of Attachment A, the NPV for the three**
 2 **alternatives regarding Transmission Line 55L are given.**
 3 **a) Please provide the Excel spreadsheet calculations of those NPVs.**
 4 **b) Please estimate the NPVs based on a discount rate of 6.5%, of 7.5% and**
 5 **of 8.5% and provide Excel spreadsheets showing the calculations.**
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- 7 A. a) Attachment A to this response provides the Excel document for the *Present*
 8 *Worth Analysis of 55L Rebuild Alternative 1* associated with the *Transmission*
 9 *Line 55L Rebuild* project.
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 11 Attachment B to this response provides the Excel document for the *Present*
 12 *Worth Analysis of 55L Rebuild Alternative 2* associated with the *Transmission*
 13 *Line 55L Rebuild* project.
- 14
 15 Attachment C to this response provides the Excel document for the *Present*
 16 *Worth Analysis of 55L Rebuild Alternative 3* associated with the *Transmission*
 17 *Line 55L Rebuild* project.
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 19 The Excel files for Attachments A through C can be found on Newfoundland
 20 Power’s stranded website at: <https://ftp.nfpower.nf.ca/>.
 21
- 22 b) Table 1 summarizes the NPV results of the alternatives based on the requested
 23 scenarios.

Table 1 Net Present Value Analysis (\$000s)			
Discount Rate	Alternative 1	Alternative 2	Alternative 3
Base Case (5.81%)	\$16,497	\$15,091	\$12,044
6.50%	\$15,803	\$14,927	\$11,899
7.50%	\$14,956	\$14,748	\$11,743
8.50%	\$14,266	\$14,627	\$11,640

- 24 Alternative 3, which involves rebuilding Transmission Line 55L in a new right of
 25 way, remains least cost for customers under all requested scenarios.
 26
 27 Attachments D through L provide the Excel documents for the requested
 28 scenarios. The Excel files can be found on Newfoundland Power’s stranded
 29 website at: <https://ftp.nfpower.nf.ca/>.