

- 1 **Q. (Reference Application Schedule B, Personal Computer Infrastructure, page**  
2 **155) What is the average cost per computer replaced? Do personal computers**  
3 **typically have longer lives now than in the past?**  
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- 5 A. The average cost of a personal computer with warranty, display and dock is  
6 approximately \$2,600.<sup>1</sup>  
7
- 8 The average life for computing equipment is currently five years, which is consistent  
9 with historical estimates. This estimate was last reviewed as part of the Company's  
10 *2019 Depreciation Study* completed by Gannett Fleming which was filed as part of  
11 Newfoundland Power's *2022/2023 General Rate Application*.  
12
- 13 Newfoundland Power notes that the average life of mobile computing equipment as  
14 published by Gartner Inc., a leading advisor in global information technologies, is three  
15 years.<sup>2</sup> With the use of more mobile computing equipment to meet operational  
16 requirements, such as the use of notebooks and tablets, the Company's historical  
17 experience of an average five-year lifecycle for personal computers is expected to  
18 decrease, resulting in more frequent personal computer infrastructure replacements.<sup>3</sup>

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<sup>1</sup> Personal computers include ToughPads, desktops and laptops. Newfoundland Power purchases personal computers with four-year warranties.

<sup>2</sup> See *Use These Recommended Life Spans to Guide Mobile, PC and other Device Replacement Strategies*, Gartner Inc., September 5, 2019. In comparison, Gartner Inc. provided that the average life of a desktop computer is 4.5 years.

<sup>3</sup> Newfoundland Power's determines whether computers require replacement based on consideration of the reliability experienced by employees throughout its service territory and industry guidance on optimal technology lifecycles.