

1 **Q. (Reference 2.2 - Substation Power Transformer Strategy) On page 11 it is**  
2 **stated "Of the 10 failures experienced over the last five years, three power**  
3 **transformers failed in service and the remaining seven were identified as**  
4 **being at imminent risk of failure through condition monitoring. Four of the 10**  
5 **power transformers required replacement, while the remaining six were**  
6 **repaired and returned to service."**

7 **a) How does NP define a power transformer "failure"?**

8 **b) How many transformers with ages less than 50 years have been replaced**  
9 **in the past 10 years?**

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11 **A.** a) Newfoundland Power defines a power transformer failure as the point at which a  
12 transformer can no longer perform its intended function safely, reliably, or in an  
13 environmentally responsible manner within the electrical system.  
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15 b) Of the 13 failures experienced over the last 10 years, six of the 13 power  
16 transformers required replacement.<sup>1</sup> Five of the six power transformers that required  
17 replacement were less than 50 years old at the time of replacement.<sup>2</sup>

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<sup>1</sup> See Newfoundland Power's 2026 Capital Budget Application, report 2.2 Substation Power Transformer Strategy, Appendix B, for the list of substation power transformer failures experienced from 2015 to 2024.

<sup>2</sup> PUL-T2, one of the five power transformers less than 50 years old and requiring replacement, was transported to an external repair facility, repaired, and subsequently installed as SLA-T4's replacement in 2021.