

- 1 **Q. (Reference Application, 2025 – 2029 Capital Plan, pages 11 and 12) Please**
 2 **provide a table showing the number of transformer failures that have**
 3 **occurred in each year since 2020. Further, please provide a table showing the**
 4 **number of transformers that have been replaced in each year since 2000.**
 5
- 6 A. The number of major power transformer failures that have occurred in each year since
 7 2020 is shown in Table 1.¹

Year	Number of Failures
2020	1
2021	3
2022	1
2023	0

¹ A major power transformer failure requires either transformer replacement, transportation off site for repairs, or removal from service for six months or longer.

- 1 The number of power transformers that have been replaced in each year since 2000 is
2 shown in Table 2.

Table 2 Power Transformer Replacements ²			
Year	Number of Replacements	Year	Number of Replacements
2000	Unavailable	2012	0
2001	Unavailable	2013	0
2002	Unavailable	2014	5
2003	Unavailable	2015	6
2004	1	2016	4
2005	1	2017	2
2006	2	2018	2
2007	4	2019	2
2008	5	2020	4
2009	2	2021	1
2010	3	2022	2
2011	1	2023	2

² Transformer replacement statistics exclude transformers that have become obsolete due to a system conversion such as the phase out of a 33kV system. Information is based on transformer relocations recorded in Newfoundland Power's Avantis System. Avantis was implemented in 2003, therefore statistics in the year 2003 or earlier are unavailable.