

Q. **Reference: Program 6: Renew Diesel Units (2027)**

Over the past 10 years, provide a summary of diesel genset overhauls where the failure of parts shortly after return to service caused an extended outage. Confirm who provided the parts and labour and if warranty coverage was provided.

A. The requested information is provided in Table 1.

It is noted that the failure rate is trending downwards as Newfoundland and Labrador Hydro (“Hydro”) started buying new engines to facilitate replacement instead of overhaul in 2019 and the number of engines being overhauled is less each year. However, Hydro continues to experience failures of engines for which replacement is not possible, as new engines of these types are no longer available from the original equipment manufacturer.

Table 1: Diesel Engine Failure History 2016–2026

Unit	Engine	Year	Operating Hours at time of failure ¹	Parts	Labor	Warranty
RIG 2051	CAT 3412	2017	4,807	Toromont CAT	Hydro	No
RIG 2051	CAT 3412	2018	2,851	Toromont CAT	Hydro	No
NAT 2076	CAT 3412	2020	14,882	Toromont CAT	Hydro	No
RIG 2065	CAT 3406	2021	12,479	Toromont CAT	Hydro	No
MCC 2063	CAT 3306	2021	37	Toromont CAT	Hydro	Yes
RAM 2047	CAT 3512	2021	10,974	Toromont CAT	Hydro	No
SBN 2075	CAT 3306	2023	100	Toromont CAT	Hydro	No
RIG 2065	CAT 3406	2025	3,992	Toromont CAT	Toromont CAT	No
SBN 2055	CAT 3406	2025	251	Toromont CAT	Hydro	No
BKT 2066	CAT 3456	2026	2,121	Toromont CAT	Toromont CAT	No

¹ Operating hours since last overhaul.