

1 Q. Further to the response to PUB-NLH-016, how does the replacement of a major powertrain
2 component such as an engine, transmission, axles, differentials and undercarriage components
3 affect the replacement criteria (9 years and 200,000 kms) for that particular heavy-duty vehicle?

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6 A. Failures of such major components can occur prior to a vehicle or piece of equipment reaching
7 the unit replacement criteria identified by Newfoundland and Labrador Hydro (“Hydro”), and
8 while unrelated components are still in good condition. Replacing the failed major component
9 will allow the asset to reach the age and odometer readings identified as criteria for unit
10 replacement. However, a review of asset condition and the criticality of the unit to operations is
11 also considered in determining whether to replace a vehicle in the scheduled year. Future
12 condition assessments and forecasting may suggest the vehicle’s usage could be extended
13 beyond standard replacement criteria on occasion.