Q. Reference: "2027 Capital Budget Application," Newfoundland Power Inc., May 29, 2026, Supporting Materials, Substations: 2.2, Substation Power Transformer Strategy, Appendices C and D.

Newfoundland Power states that the HAR-T1 Power Transformer Replacement project is planned to coordinate with a future Harmon Substation Refurbishment and Modernization project, and that the existing fused protection at HAR will be upgraded in 2028 and 2029 as part of that planned project. Newfoundland Power also states that RRD Substation is included in the Five-Year Capital Plan for a refurbishment and modernization project beginning in 2028, and that this work is planned to coordinate with the RRD-T3 Power Transformer Replacement project.

a) For each power transformer proposed for replacement in the 2027 Capital Budget Application, please identify any additional substation, protection and control, bus, switchgear, spill containment, civil, or related infrastructure work required to facilitate or complete the transformer replacement that is planned for a future capital budget application.

b) For any such work, please explain why it was not included within the scope and budget of the applicable transformer replacement proposal in the 2027 Capital Budget Application.

A. a) Table 1 outlines whether there are future planned capital projects in the site of each transformer replacement and work required to facilitate each transformer replacement.

Table 1
Transformer Replacement Projects

Transformer	Future Capital Project Planned	Required Work to Facilitate Transformer Replacement
LAU-T1	None Identified	• Installation of new concrete spill containment • Install attachments to existing ground grid for transformer tank, lightning arrestors and neutral bushing • Wiring new transformer to existing control building and protections devices • Transformer connections to existing bus

Table 1
Transformer Replacement Projects
(continued)

Transformer	Future Capital Project Planned	Required Work to Facilitate Transformer Replacement
LBK-T1	None Identified	• Installation of new concrete spill containment • Install attachments to existing ground grid for transformer tank, lightning arrestors and neutral bushing • Wiring new transformer to existing control building and protections devices • Transformer connections to existing bus
HAR-T1	2028 – 2029 Refurbishment and Modernization Project to address deteriorated equipment in HAR Substation	• Installation of new concrete spill containment • Ground grid attachments to transformer tank, lightning arrestors and neutral bushing • Wiring new transformer to control building and protections devices • Transformer connections to bus
RRD-T3	2028 – 2029 Refurbishment and Modernization Project to address deteriorated equipment in RRD Substation	• Installation of new concrete spill containment • Ground grid attachments to transformer tank, lightning arrestors and neutral bushing • Wiring new transformer to control building and protections devices • Bus work to transformer connections • Transformer connections to bus

b) Work required to facilitate the replacement of each transformer is identified in Table 1 above and is included within the scope and budget of the applicable power transformer replacement project. Power transformer installation-related activities include spill containment, grounding, wiring, bus connections, testing, and commissioning.

Refurbishment and modernization work in substations address assets and infrastructure other than what is required to facilitate the power transformer replacement. Therefore, it has not been included in the scope and budget of the applicable power transformer replacement project. For more information on why transformer replacements and associated substation refurbishments are not treated as a cluster of related projects, see the response to Request for Information PUB-NP-007.