

Q. In addition to inspections by internal personnel, does Newfoundland Power regularly employ outside expertise to inspect its hydro plant infrastructure and are these inspections carried out on a regular basis?

A. Newfoundland Power regularly employs outside expertise to inspect the dams and control structures associated with its hydro developments. Dam Safety Inspections using outside expertise are completed on the Company's 23 hydro developments on an 8 year cycle with 3 inspections typically completed each year.¹

Newfoundland Power also employs outside expertise to inspect its hydro plant infrastructure on an as needed basis to supplement its in-house expertise. There are 4 examples of this in the 2015 Capital Budget Application. These examples are outlined in Table 1.

Table 1
External Expertise

NP 2015 CBA Project	External Expertise	Report Title
Pierre's Brook Hydro Plant Penstock Replacement and Surge Tank Refurbishment	AMEC	Pierre's Brook Penstock Inspection
Pierre's Brook Hydro Plant Penstock Replacement and Surge Tank Refurbishment	AMEC	Pierre's Brook Surge Tank Inspection
Pierre's Brook Hydro Plant Penstock Replacement and Surge Tank Refurbishment	Remote Access Technology	Surge Tank Inspection – Pierre's Brook Hydroelectric Power Station.
Tors Cove Hydro Plant Refurbishment	Bridger Design Associates	Structural Assessment Report – Bridges and Penstock Truss, Tors Cove Hydro Plant, Tors Cove, NL

¹ Dam Safety Inspections using internal personnel are completed on a 2 year cycle. Further information relating to Newfoundland Power's approach to inspecting hydro electric dams can be found in Tab 1.5 *Public Safety Around Dams*.