AMPCO Interrogatory #154

Interrogatory

Reference: Ex A2-2-1 Attachment #1 P7

OPG states "Over 2020 and 2021, OPG expects to devote $272 million[1] in non-capital spending related to preliminary planning and preparation for grid-scale SMR development in Ontario and the renewal of the site preparation licence for the New Nuclear Darlington site, which can accommodate SMRs. Upon completion of the preliminary planning activities, OPG expects to put forth a detailed business case to the Board for approval and the Shareholder for concurrence to proceed with SMR development and construction activities. The plan does not reflect SMR expenditures or project team ramp up beyond the preliminary planning phase. This determination is expected to be made as part of next year's business plan."

a) When does OPG expect to submit a detailed business case to the OPG Board for approval?

b) Investments in the current Business Plan (2020 to 2026) do not currently include any capital expenditures for grid-scale SMR development.

Does OPG expect next year's business plan to include a project team ramp up, capital expenditures related to SMR and in increase in OM&A costs over the 2022 to 2026 period? If yes, provide details.

c) Does OPG have any current planning estimate of total capital and OM&A costs to engineer, design, build, and commission this SMR generating station. If so, please provide it. If not, why not?

d) Has OPG conducted a jurisdictional review of SMR? If yes, please provide the results.

e) What is the value for money proposition of OPG's SMR proposal?

f) Does OPG consider its SMR proposal a First-of-A-Kind?

g) Given the significant start-up costs, what is the breakeven point? How many SMRs need to be constructed for OPG's proposal to be cost effective?

[1] $66 M in 2020 & $206 M in 2021

Response

a) See Ex. L-F2-08-AMPCO-152, part b).

b) – g)

See Ex. L-F2-8-AMPCO-159.