SEC Interrogatory #14

Interrogatory

Reference: A2-2-1, p.21

OPG notes that based on its customer engagement activities, "[c]ustomers were supportive of investments in new and innovative technologies that would lead to guaranteed savings, but did not support further investing in pilot projects." In response, OPG notes that it is implementing a Monitoring and Diagnostic Centre and other digital solutions where it "is confident that there is a high likelihood that these investments will lead to cost savings, with many of the investments in technological solutions included in the plan supported by experience at other organizations.":

a. Please provide details regarding these "other digital solutions", including quantified cost and expected cost savings.
b. Please provide the business case and any other relevant information regarding the Monitoring and Diagnostic Centre which quantifies the costs and expected cost savings.
c. Have the expected cost savings been included in the budgets underlying the application? If they have, please provide details of where and how they have been included.

Response

a) Please see Ex. L-A2-02-CME-013.

b) See Ex. D2-1-3, Attachment 1, Tab 72 for the Business Case for the Monitoring and Diagnostic Centre, which quantifies the cost. A value-enhancing project related to IT common M&D infrastructure for both nuclear and renewable generation facilities (Project #83696) has been included in Ex. D3-1-2, page 6, lines 28-31, and Table 2b, line 23. The Business Case Summary quantifying costs and expected cost savings is provided as Attachment 1 to this response.

c) Expected cost savings are discussed in Ex. L-F2-01-SEC-119. The savings include avoided costs associated with early detection of equipment failures and improvements in the nuclear plant heat rates and reduced thermal performance losses.