

EB-2025-0297

Ontario Power Generation Inc. and DNNP LP

**Application for payment amounts for the period from
January 1, 2027 to December 31, 2031**

AMPCO Interrogatories March 25, 2026

A1-AMPCO-1

Ref: A1-3-2

- a) Please provide a copy of the 2025 Hydroelectric Facilities Performance Scorecard.
- b) Please provide a copy of the 2025 Nuclear Facilities Performance Scorecard.

A1-AMPCO-2

Ref: A1-4-1 Attachment #4

- a) Please provide a copy of OPG-PROC-0162.
- b) Please provide a copy of the 24-16 Darlington Nuclear Refurbishment (DNR) Cost and Budget Management audit.

A1-AMPCO-3

Please provide a list and summary of all Third-Party reviews, assessments or audits undertaken over the past 5 years related to material aspects of OPG's regulated business.

A1-AMPCO-4

Ref: A1-4-2 p.2

Please add the following to Chart 1: a column to reflect 2025 Installed Capacity (MW); and a column to reflect 2025 actual generation (MW). In the response provide totals for the capacity and generation data columns.

A2-AMPCO-5

Ref: A2-1-1

Please provide OPG’s 2025 Audited Annual Consolidated Financial Statements and Management’s Discussion and Analysis.

A2-AMPCO-6

Ref: A2-2-1 p.11

OPG reflected procurement-related inflation considerations into the capital plan based on existing commercial agreements or supplier estimates, and otherwise applied standardized 4.5% escalation rate.

Please explain the basis of the 4.5% escalation rate.

D1-AMPCO-7

Ref: D1-1-1

a) Please complete the following Table:

# Projects (Allocated)	\$	2022-2026	2027-2031
Tier 1	>\$30M		40
Tier 2	\$10-\$30M		81
Tier 3	<\$10M		627

b) Please complete the following Table:

# Projects (UnAllocated)	\$	2022-2026	2027-2031
Tier 1	>\$30M		33
Tier 2	\$10-\$30M		
Tier 3	<\$10M		

D1-AMPCO-8

Ref: D1-1-1

With respect to Portfolio Projects (Allocated), please complete the following Table:

\$M	2022-2026	2027-2031
Concrete Rehab		
Electrical & Protection Control		
Cranes/Lifting Devices		
Hoist & Grate Upgrades		
Building/Infrastructure		

Other		
Total		

D1-AMPCO-9

Ref: D1-1-1 p.4

Expansion projects add generation in the form of new units to existing hydroelectric facilities. Unit additions were recently completed at Sir Adam Beck 1 GS and Ranney Falls GS. Please complete the following Table:

Hydroelectric GS	Project #	# New Unit Additions	Total Project Cost \$M	In-Service Date	Forecast Incremental Generation (MW)	Actual Incremental Generation (MW)
Sir Adam Beck 1	84185					
Ranney Falls	80581					

D1-AMPCO-10

Ref: D1-1-1 Table 2

Please add 2014 and 2015 OEB-approved and 2014 and 2015 actuals to the Table.

D1-AMPCO-11

Ref: Office of the Auditor General of Ontario (OAGO) Value for Money Audit: Ontario Power Generation: management and Maintenance of Hydro Electric Stations (November 30, 2022) With respect to Recommendation 8, the OAGO reviewed details related to a sample of five large capital projects that were completed over the last 15 years to assess OPG's performance in managing its capital projects in a cost-effective and timely manner. The OAGO found that insufficient planning by OPG has led to significant costs and delays on some of these projects.

- a) Please explain how the OAGO selected the five projects to report on.
- b) Page 29: The OAGO noted that of the five projects it reviewed, four were underbudget but as a result of work order changes, the final cost of some of these projects were higher than they would have been. For each project in Figure 20, please provide the work-order changes reviewed by the OAGO.
- c) Page 31: Besides reviewing the aforementioned capital projects that were completed over the last 15 years, the OAGO also reviewed OPG's ongoing capital projects and noted that

delays and higher-than-expected costs are also being experienced in these projects.

Please list the information OPG provided to the OAGO with respect to ongoing capital projects that the OAGO relied on to reach the above findings with respect to delays and higher-than-expected costs.

- d) Page 30 Figure 20: Please provide the Project Close Out reports and Post-Project reviews for the projects completed in 2015 and 2017.

D1-AMPCO-12

Ref: OAGO Follow-up on the 2022 Performance Audit

As of October 22, 2024, of the 24 OAGO Recommendations, 16 (67%) have been fully implemented, 5 (21%) are in the process of being implemented, 1(4%) had little or no progress and 2 (8%) will not be implemented.

- a) Page 2: Please provide the written representation provided by OPG to the OAGO on October 3, 2024.
- b) Please provide the current status of the recommendations/action items that are in the process of being implemented as per the Appendix.
- c) Page 12: Please provide copies of the sample Enterprise Project Portfolio Performance reports that OPG provided to the OAGO.
- d) Page 15: Please provide a sample of a project status report provided at a Level 1 meeting.

D1-AMPCO-13

Ref: D1-1-2 Table 1

- a) Please complete the attached excel spreadsheet.
- b) Please confirm all projects with 2025 to March 2026 completion dates were completed as planned. If not, please explain and update the final in-service date.
- c) Please file all Project Close Out Reports for completed projects in Table 1.
- d) Please file all Post Implementation Reviews (PIRs) for completed projects in Table 1.

D1-AMPCO-14

Ref: D1-1-2 Table 2a, Table 2b

Please complete the attached excel spreadsheet.

D1-AMPCO-15

Ref: D1-1-2 Table 6

- a) Please file any additional Execution Business Cases, Superseding Execution Business Cases or Project Over Variance Reports that now apply to the projects listed in Table 6 that are not already on the record.
- b) Please provide any internal or external reviews of any of the projects listed on Table 6 that are beyond OPG's standard Project Closeout Reports or Performance Implementation Review (PIR) Reports.

D1-AMPCO-16

Ref 1: D1-1-2 p.7

Ref 2: EB-2020-0290 L-D2-01-AMPCO-022 Attachment 8 pp.14-15

OPG identifies five Tier 1 projects for which total actual or forecasted project cost variances currently exceed 10% as compared to the total project cost estimate detailed in each project's first Execution business case.

- a) Please confirm the five projects by project name and number.
- b) Please provide copies of all Project Over Variance Reports or Superceding Business Cases for the five projects that are not on the record.
- a) Please provide all Change Control Forms (CCFs) that correspond to the following project change categories at reference #2: Estimate, Execution Performance, Front End Planning, Project Management and Resources.
- c) Please advise of any additional projects since December 2025 for which total actual or forecasted project cost variances currently exceed 10% as compared to the total project cost estimate detailed in each project's first Execution business case.

D1-AMPCO-17

Ref: D1-1-2 Attachment 1 Tab 1 p. 7

Please provide the LUEC (cents/kWh) for the completed project.

D1-AMPCO-18

Ref: D1-1-2 Attachment 1 Tab 10 p. 3

Please provide a copy of the Gate 3B POVA Project Over Variance Authorization Approved dated March 22, 2021.

D1-AMPCO-19

Ref: D1-1-1 Table 2

Please recast Table 2 on the basis of budget amounts for each of the years 2016 to 2024.

D1-AMPCO-20

Ref: D1-1-1 Table 4

Please provide footnote 4.

D2-AMPCO-21

Ref: D2-1-1

Please provide OPG's internal document that describes the Organizational Authority Register (OAC) requirements.

D2-AMPCO-22

Ref: D2-1-1 p.5

The Value Framework quantifies the value of each investment based on the summation of benefits and costs in the risk areas. This model is used to help select the preferred projects that provide the highest net benefit to address business needs.

The Value Framework provides a quantitative means to evaluate each investment's benefits, costs, and ability to mitigate critical risks. In alignment with OPG's business imperatives, several areas have been identified within the Value Framework:

- Safety
- Regulator

- Lost Generation
 - Social License and Reputation Impact
 - Environmental
 - Financial
 - Cyber Security
- a) Please discuss how OPG’s Value Framework is applied with respect to capital and OM&A investments regarding nuclear, hydroelectric and support services i.e. are they considered concurrently or separately. What is the scope of the Value Framework? Does it include both Allocated and Unallocated projects?
 - b) Please provide the output of the Value Framework Model that includes the value of each nuclear capital investment. In the response include the individual benefits and costs values that are summed to arrive at the value of each investment and explain how the scores for each area within the Value Framework have been calculated.
 - c) Please provide the output of the Value Framework Model that includes the value of each hydroelectric capital investment. In the response include the individual benefits and costs values that are summed to arrive at the value of each investment and explain how the scores for each area within the Value Framework have been calculated.
 - d) Please provide the output of the Value Framework Model that includes the value of each nuclear OM&A investment. In the response include the individual benefits and costs values that are summed to arrive at the value of each investment and explain how the scores for each area within the Value Framework have been calculated.
 - e) Please provide the output of the Value Framework Model that includes the value of each hydroelectric OM&A investment. In the response include the individual benefits and costs values that are summed to arrive at the value of each investment and explain how the scores for each area within the Value Framework have been calculated.

D2-AMPCO-23

Ref: D2-1-1 p.6

With respect to project selection and prioritization, the evidence states “The asset management governing bodies review the recommended investments to determine their feasibility and risk assessment conclusions. Once reviewed, the selected investments may be approved as candidate projects for inclusion in the business plan.

- a) With respect to the development of the 2025-2031 Business Plan at A2-2-1 Attachment 1, please provide the number of iterations that were undertaken.

b) Please complete the following Table for each iteration:

Capital	Iteration #	Iteration #2	etc
# Recommended Nuclear Investments			
# Selected Nuclear Investments			
# Candidate Nuclear Investments			
Nuclear Funding Constraint			
Nuclear Resource Constraint			
Nuclear Environmental Constraint			
Nuclear Schedule Constraint			
# Recommended Hydroelectric Investments			
# Selected Hydroelectric Investments			
# Candidate Hydroelectric Investments			
Hydroelectric Funding Constraint			
Hydroelectric Resource Constraint			
Hydroelectric Environmental Constraint			
Hydroelectric Schedule Constraint			

c) Please provide the same table in part (a) for OM&A.

d) Please provide the total number of prioritized nuclear Capital and OM&A investments included in the 2025-2031 Business Plan from the Value Framework.

e) Please provide the total number of prioritized hydroelectric Capital and OM&A investments included in the 2025-2031 Business Plan from the Value Framework.

D2-AMPCO-24

Ref: D2-1-1 p.8

Each time a project moves forward into a subsequent phase, a Business Case Summary (BCS) is approved.

a) Please explain OPG's Superceding Business Case framework and in the response discuss the thresholds applied and what internal authority and approvals are required.

b) Please provide the internal document that governs Superceding Business Cases and approvals.

D2-AMPCO-25

Ref: D2-1-1 p.8

Projects in the execution phase are still subject to known and unknown risks, which can result in cost and schedule variances.

- a) Please explain OPG's project variance framework and in the response discuss the thresholds applied and what internal authority and approvals are required.
- b) Please provide the internal document that governs project variances and approvals.

D2-AMPCO-26

Ref: D2-1-1 p.11

- a) Please provide more details of how OPG assesses Fit for Purpose.
- b) Of all the nuclear and hydroelectric projects completed over the 2022 to 2025 period (>\$10 M), please provide a list of projects that were deemed not Fit for Purpose and why.

D2-AMPCO-27

Ref: EB-2020-0290 D2-1-3 p.2

In EB-2020-0290 there were 79 Tier 1 projects comprising three categories: Ongoing Projects from EB-2016-0152; Completed/Deferred/Cancelled Projects from EB-2016-0152; and New Projects approved since EB-2016-0152. All of the Tier 1 projects, with 17 exceptions, have a final in-service date before or during the IR term 2022-2026.

Please confirm (with the exception of the 17 projects noted) all of the remaining Tier 1 projects were placed in service before or during the IR term 2022-2026. If not, please explain and provide the list of projects including project # that will not be placed in service.

D2-AMPCO-28

Ref: D2-1-3 Table 1a

- a) Three projects are shown as not having a First Execution BCS (Column J): Project #80078, #80148 and #80150. Please explain and if a First Execution BCS is now available, please provide.
- b) Please complete the attached excel spreadsheet.

D2-AMPCO-29

Ref: D2-1-3 Table 1a

For each of the following completed projects, please provide a copy of the Project Closeout Report:

- a) Project #31524 DN Station Roofs Replacement
- b) Project #31532 DN Powerhouse Water Air Condition Units Replacement
- c) Project #31535 DN Water Treatment Plant Interconnections
- d) Project #33621 DN Air Conditioning Unit Replacement For Secondary Control Area
- e) Project #33973 DN Standby Generator Controls Replacement
- f) Project #80126 DN Emergency Power Generator 1 And 2 Replacement
- g) Project #83530 DN Powerhouse Upper Level Service Water Piping Replacement
- h) Project #84235 DN Primary Heat Transport Liquid Relief Valve Modifications (Waterhammer)
- i) For each of the projects (a)-(h), please indicate which projects require a Post Implementation Review (PIR) Report and the associated date. In the response provide all completed PIRs and if not yet completed by the required date, please provide an explanation.
- j) Please advise of any additional completed projects beyond the list in part (a).

D2-AMPCO-30

Ref: D2-1-3 Table 1b

Please complete the attached excel spreadsheet.

D2-AMPCO-31

Ref: D2-1-3 Table 1c

Footnote 2 says Total Project Cost reflects BCS amounts at the time of preparing the 2025-2031 Business Plan, however only two projects have a First Execution BCS (Column J): Project #80078 and #80148. Further the Total Project Cost and Final In-service dates do not match the project cost and schedule information in the BCSs filed at D2-1-3 Attachment 1 Tab 36 to Tab 55.

Please provide the underlying documents to support the Total Project Cost and Final Inservice date for each project.

D2-AMPCO-32

Ref: D2-1-3 Table 1c

Please complete the attached excel spreadsheet.

D2-AMPCO-33

Ref 1: D2-2-2 Tables 1a, Table 1b

Ref 2: EB-2020-0290 L-D2-01-AMPCO-022 Attachment 8 pp.14-15

b) For all of the projects in Tables 1a and 1b with Project Variances >10% compared to Total Project Cost in EB-2020-0290, please provide all Change Control Forms (CCFs) that correspond to the following change categories at reference #2: Estimate, Execution Performance, Front End Planning, Project Management and Resources.

c) Please provide the latest version of reference #2 Attachment 8.

D2-AMPCO-34

Ref: D2-1-3 Tables 2(a)-2(g)

Please complete the attached excel spreadsheet.

D2-AMPCO-35

Ref: D2-1-3 Table 5a

Table 5a provides a list of Unallocated Projects, some with a Potential Start Date in 2025 and 2026.

Please provide a list of projects that have started in 2025 or 2026 to date.

D2-AMPCO-36

Ref: D2-1-3 Table 6a, Table 6b

a) Please file any additional Superseding Execution Business Cases or Project Over Variance Reports for the projects listed in Table 6a and Table 6b that are not already on the record.

- b) Please provide any internal or external reviews of any of the projects listed on Table 6a and Table 6b that are beyond OPG's standard Project Closeout Reports or Performance Implementation Review (PIR) Reports.

D2-AMPCO-37

Ref: D2-1-3 Table 7b

Please explain why Project #80023 was cancelled.

D2-AMPCO-38

Ref: D2-1-3 p.6

With respect to Project #83933: Darlington Breathing, Instrument and Service Air Compressor Replacement Project, the project will replace 19 compressor units and the scope will be refined as compressors are assessed to determine if all 19 units require replacement.

- a) Please confirm that the budget reflects the replacement of 19 compressor units.
- b) Please provide a summary of previous similar projects and in the response provide the forecast project and actual project cost, the forecast and actual number of compressors replaced.

D2-AMPCO-39

Ref: D2-1-3 p.7

With respect to Project# #84135: Darlington Powerhouse Elevator Replacement Project, please provide:

- a) The total number of elevators at Darlington.
- b) The number of elevators to be replaced.
- c) The age of each elevator to be replaced.
- d) Summary of historical project information regarding Elevator Replacement Projects including the forecast and cost, forecast and actual number of elevators replaced.

D2-AMPCO-40

Ref: D2-1-3 p.7

With respect to Project #84139: Darlington Powerhouse Cranes Refurbishment Project, OPG will focus on the six Powerhouse Cranes (i.e., four Reactivity Deck and two Pumphouse Gantry Cranes) please provide:

- a) The age of each crane to be replaced.
- b) Historical project information regarding Crane Replacement Projects including the forecast and actual cost, forecast and actual number of cranes replaced.

D2-AMPCO-41

Ref: D2-1-3 p.8

With respect to Project #84552: Darlington Vacuum Building Outage (VBO) Power Operated Valves Replacement Project, please provide:

- a) The total number of power operated valves at Darlington.
- b) Historical project information regarding Valve Replacement Projects including the forecast and actual cost, forecast and actual number of valves replaced.

D2-AMPCO-42

Ref: D2-1-3 p.8

With respect to Project #86795, Darlington Motor Operated Valve Replacement Innage Project, please provide:

- a) The total number of motor operated valves at Darlington.
- b) The total number of motor operated valves to be replaced.
- c) Historical project information regarding Motor Operated Valve Replacement Projects at Darlington including the forecast and actual cost, forecast and actual number of valves replaced.

D2-AMPCO-43

Ref: D2-1-3 p.9

With respect to Project #86915, Darlington Copper Upgrades Phase III Project:

- a) Please provide the quantity of copper lines to be replaced.

- a) Please confirm the copper lines will be replaced with stainless steel.
- b) With respect to Project #83049, DN Copper Piping Replacement that was completed. Please provide the forecast compared to actual units of copper piping replaced.

D2-AMPCO-44

Ref: D2-1-3 p.9

With respect to Project #87191, Darlington TRF Cryogenic Refrigeration System Turbine Replacement Project, please provide:

- a) The size of the turbine.
- b) Historical project information on the cost to replace an oil-bearing turbine with a gas-bearing turbine of similar size.

D2-AMPCO-45

Ref: D2-1-3 p.10

With respect to Project #87808, Darlington Smartops Sensor Integration Project:

- a) Please provide the total number of sensors to be installed.
- b) Please provide the total number of sensors to be installed as part of this project.
- c) Please confirm this project completes the sensor integration work with respect to remote monitoring.

D2-AMPCO-46

Ref: D2-1-3 p.10

With respect to Project #89535, Pickering 058 Boiler Room and Turbine Hall Crane Upgrade project:

- a) Please provide the life expectancy for a crane.
- b) Please provide the age of each of the 6 cranes to be replaced.
- c) Please provide the condition results of the 6 cranes to be replaced.
- d) Please explain why the cranes are to be replaced and not refurbished.

D2-AMPCO-47

Ref: D2-1-3 p.11

With respect to Project #89536, Pickering Turbine Auxiliary Building, Reactor Auxiliary Building Hoist and Crane Project:

- a) Please provide the number of cranes to be replaced and their age and condition.
- b) Please provide the number of cranes to be refurbished.
- c) Please explain why the cost of Project #89536 is less than Project #89535 yet 13 cranes are being addressed compared to 6 in Project #89535.

D2-AMPCO-48

Ref: D2-1-3 p.11

Project #89581, Pickering 5-8 Second Simulator and Pickering Learning Centre Extension Project will build an extension to the Learning Centre to house a second Full Scope Main Control Room simulator.

- a) Please provide the square footage of the simulator and compare to the square footage and cost of the first simulator and any other simulators built at Pickering, Darlington, Bruce A, Bruce B and other US Stations.
- b) Please provide any analysis OPG undertook to determine that \$39.7M is a reasonable cost for this project.

D2-AMPCO-49

Ref: D2-1-3 pp.12-13

With respect to Project #83664, Darlington Unit 2 Turbine Control and Auxiliary Systems Upgrade, please provide a breakdown of the project cost increases as a direct result of the outage deferral.

D2-AMPCO-50

Ref: D2-1-3 p.15

With respect to Project #89281, Darlington Unit 1 and 2 Generator Stator Rewind Project:

- a) Please provide the forecast and actual cost to undertake a full stator rewind for Darlington Units 3 and 4, as part of the DRP.
- b) Please provide the detailed cost estimate for this project.

D2-AMPCO-51

Ref: D2-1-3 p.16

With respect to Project #87807 & #87811, Darlington Turbine Rotors Replacement Project, the project replaces both the low- and high-pressure turbines in Darlington Units 1-4 (and purchase a capital spare).

Please provide the detailed cost estimate for this project.

D2-AMPCO-52

Ref: D2-1-3 p.18

Project #84764, Tritium Removal Facility Major Component Replacement Program.

- a) Please provide the detailed cost estimate for this project.
- b) Please provide an estimate of the costs that will be recovered from Bruce Power LP, through revenue earned by OPG from the provision of heavy water detritation services and when this will occur.

D2-AMPCO-53

Ref: D2-1-3

Please provide a detailed cost estimate for the following projects:

- a) Project #83664, Darlington Unit 2 Turbine Control and Auxiliary Systems Upgrade
- b) Project #86693, Darlington Steam Generator Moisture Separator Replacement
- c) Project #87151, Darlington Unit 2 and 3 Steam Generator Moisture Separator Replacement
- d) Project #89462, Darlington Steam Generator Soft Chemical Cleaning
- e) Project #84139, DN Powerhouse Cranes Refurbishment
- f) Project #84552, DN Vacuum Building Outage Power Operated Valves Replacement

D2-AMPCO-54

Ref: D2-1-3 p.20

The Pickering Water Treatment Plant is anticipated to be a Tier 1 Project with an estimated investment of more than \$30M.

Please explain where this cost is budgeted for in the application.

D2-AMPCO-55

Ref: D2-1-3 p.21

With respect to the following completed projects: (#31710, #34000, #38948, #73566, and #80144), please provide:

- a) Project Close-Out Report.
- b) Post Implementation Review (PIR) Report.

D2-AMPCO-56

Ref: D2-1-3 p.22

With respect to Project #80023, DN Steam Generator Level Control Valve Replacement which was cancelled:

- a) Please provide a breakdown and description of the costs incurred to date by year split between OM&A and Capital.
- b) Please provide the history of the project lifecycle phases and gates as per D2-1-1 p. 7 Figure 2. In the response include a summary of all BCS and funding releases.
- c) Please explain the treatment of the write-off of \$9.3 million in this application.

D2-AMPCO-57

Ref: D2-1-3

- a) Page 24: With respect to Project #31535, Darlington Water Treatment Plant Interconnections, please quantify the cost variances due to: impacts from final design, unidentified buried services and station constraints.

- b) Page 26: With respect to Project #80122, DN Main Power Output Protection System Replacement, please quantify the cost variances due to: additional scope, three-Year Project extension, and increased project and scope complexity.
- c) Page 27: With respect to Project #83664, Unit 2 Turbine Control System Upgrade Project, please quantify the cost variance due to deferral of the execution window.
- d) Page 29: With respect to Project #80150, DN Fire Resistant Fluid Pump Improvement, please quantify the cost increase due to conflicts with DRP Scope and the impacts provided. In the response, please discuss why the conflict with DRP Scope was not known.
- e) Page 30: With respect to Project #84939, please quantify the cost variance to incorporate lessons learned.
- f) Page 31: With respect to Project #82947, DN Fuel Handling Head Major Component Replacement, please quantify the cost increase due to additional engineering scope.
- g) Page 32: With respect to Project #80148, DN Fuel Handling Computer Input/Output Subsystem and Interprocessor Communication Replacement, please allocate the \$16.8 million cost variance to design, material cost increases and increased installation cost.
- h) With respect to Project #83039, Darlington Rapid Delivery Machine (RDM), please allocate the cost variance of \$44.5 million to each of the explanations provided. In the response please explain the reason and impact of the timing lag between overall project gate progression.

D2-AMPCO-58

Ref: D2-1-3

- a) Please list the projects in Table 1a, 1b and 1c that that have a planned execution window to undertake the work.
- b) Please list the projects in part (a) where the execution window was unavailable when required and quantify the impact.

D2-AMPCO-59

Ref: D2-1-3, Attachment 1, Tab 4

Please explain why the 20 additional services were not identified on as-built drawings or scans and who carries the risk for these unanticipated field challenges.

D2-AMPCO-60

Ref: D2-1-3, Attachment 1, Tab 5

- a) The total project cost in EB-2020-0290 is \$45.0 million (Table 1a) and the total project cost in EB-2025-0297 is \$65.3 million. Please provide a detailed breakdown and explanation of the full variance.
- b) Please confirm the Post Implementation Review will be completed and available by June 2026.
- c) Please provide the most recent copy of OPG-GUID-00120-0007.

D2-AMPCO-61

Ref: D2-1-3, Attachment 1, Tab 6

The total project cost in EB-2020-0290 is \$36.0 million (Table 1a) and the total project cost in EB-2025-0297 is \$47.6 million. Please provide a detailed breakdown and explanation of the variance.

D2-AMPCO-62

Ref: D2-1-3, Attachment 1, Tab 11

- a) The total project cost in EB-2020-0290 is \$77.5 million (Table 1a) and the total project cost in EB-2025-0297 is \$156.4 million. Please provide a detailed breakdown and explanation of the variance.
- b) The Target Project Completion Date in Tab 11 is March 22, 2028. Please provide a detailed explanation of the schedule variance to March 2035 (Table 1a).

D2-AMPCO-63

Ref 1: D2-1-3, Attachment 1, Tab 12

The total project cost in EB-2020-0290 is \$65.0 million (Table 1a) and the total project cost in EB-2025-0297 is \$124.9.0 million.

Please provide a detailed breakdown and explanation of this variance.

D2-AMPCO-64

Ref 1: D2-1-3, Attachment 1, Tab 16

The total project cost in EB-2025-0297 is \$40.2 million (Table 1a). Tab 16 reflects a total project cost of \$29.706 million. Please reconcile.

D2-AMPCO-65

Ref 1: D2-1-3, Attachment 1, Tab 17

The Business Case Summary filed indicates the estimated total project cost is in the range of \$30M to \$40M. Please provide the latest Business Case Summary for the project that aligns with the project cost of \$55.0 million in Table 1a.

D2-AMPCO-66

Ref 1: D2-1-3, Attachment 1, Tab 18

The total project cost in EB-2020-0290 is \$98.0 million (Table 1a) and the total project cost in EB-2025-0297 is \$120.1 million.

Please provide a detailed breakdown and explanation of the variance.

D2-AMPCO-67

Ref 1: D2-1-3, Attachment 1, Tab 19 Project #83039

The total project cost in EB-2020-0290 is \$162.2 million (Table 1a) and the total project cost in EB-2025-0297 is \$206.7 million.

Please provide a detailed breakdown and explanation of the variance.

D2-AMPCO-68

Ref 1: D2-1-3, Attachment 1, Tab 43 Project #86693 p.5

The Available for Service Date is February 28, 2025.

Please provide the final in-service date and cost for the project and explain any schedule and cost variances greater than 10%.

D2-AMPCO-69

Ref: D2-3-9

Please provide a copy of the following documents referenced in the evidence:

- a) OPG-MAN-00120-0019, Project Phase-Gate Management
- b) OPG-MAN-00120-0011, Project Scope Management
- c) OPG-MAN-00120-0014, Project Schedule Management
- d) OPG-MAN-00120-0013, Project Cost Management
- e) OPG-MAN-00120-0012, Project Estimating Manual
- f) OPG-MAN-00120-0016, Project Integrated Change Control
- g) NK30-TOR-09701-00002 PRP RCCB Terms of Reference
- h) OPG-MAN-00120-0015, Project Risk Management
- i) OPG-GUID-00120-10054 Lessons Learned Guide
- j) NK30-PLAN-00120-00015 Resource Management/Staffing PgMP
- k) NK30-CHAR-09701-00001 Pickering Refurbishment Charter

D2-AMPCO-70

Ref: D2-4-1 p.4

None of the remaining three SMR units have been presently approved for construction by the Canadian Nuclear Safety Commission (CNSC) or OPG's Board of Directors.

- a) Please discuss where each of the remaining Units (2,3 and 4) are with respect to the project life cycle phases and gates process shown at D2-1-1 p. 7 Figure 2 and provide the funding released at each gate to date.
- b) Please discuss the plan and forecast timelines for the CNSC and OPG's Board of Directors to approve the remaining SMR units.

D2-AMPCO-71

Ref: D2-4-1 p.6

During the Initiation phase, the contractual framework for the DNNP was selected, including the main program partners.

Please confirm the main program partners and when they were selected as part of the Initiation Phase.

D2-AMPCO-72

Ref: D2-4-1 p.7

In May 2025, a planned amendment to the IPA (the “Validation Amendment”) was executed, reflecting the improved definition and maturity of the project. This amendment finalized the Target Cost, pricing and compensation details, and the incentive / disincentive mechanisms to drive “best for project” behaviours by the parties. This amendment also added Kiewit Nuclear Canada Corp. (“Kiewit”) to the IPA to assist with the construction of the facility. The addition of Kiewit allows them to fully participate in the construction of Unit 1.

- a) Please provide the finalized Target Cost, pricing and compensation details, and the incentive /disincentive mechanisms to drive “best for project” behaviours by the parties and explain any variances to the Release Quality Estimate components approved by OPG’s Board of Directors which was approved on March 6, 2025.
- b) Please provide the need and rationale to explain why Kiewit Nuclear Canada Corp. was added to the IPA to assist with the construction of the facility.
- c) Please discuss if the addition of Kiewit Nuclear Canada Corp. was approved by the Province.
- d) Please provide a copy of the Validation Amendment.

D2-AMPCO-73

Ref: D2-4-1 p.8 footnote 7

- a) Please provide the materials provided to OPG’s Board of Directors that resulted in the November 2021 OPG Board of Directors’ decision to proceed with the capital project.
- b) Please provide any documentation provided by OPG’s Board of Directors regarding its approval of the project.

D2-AMPCO-74

Ref: D2-4-2 p.15

Please provide the latest schedule and cost dashboards for the DNNP project.

D2-AMPCO-75

Ref: D2-4-4 p.4

On April 24, 2024, the CNSC determined that the existing environmental assessment for the DNNP was applicable to the GE-Hitachi BWRX.300 reactor. In making this determination, the CNSC concluded that the proposed SMR technology was bounded by the existing environmental assessment and that OPG's commitments remained appropriate.

Please provide a copy of the existing Environmental Assessment referred to above.

D2-AMPCO-76

Ref: D2-4-4 p.8

- a) Please provide the Lessons Learned document from DRP.
- b) Please provide the project Close Out Report from DRP.
- c) Is a Post Implementation Review (PIR) of DRP a requirement. If yes, please indicate when the PIR will be ready.
- d) Please summarize the common pitfalls to be avoided that associated with direct benchmarking with international mega projects (Windsor-Detroit Bridge, Hinkley Point C, Vogtle, Kajima Corporation, etc.)

D2-AMPCO-77

Ref: D2-4-4

- a) Please provide the key milestones achieved within the Definition Phase for Units 2-4.
- b) Please advise of the status of the Release Quality Estimates for Units 2-4.
- c) Please provide Figure 1 as of March 31, 2026.

D2-AMPCO-78

Ref: D2-4-6 Attachment 1

Please provide the latest Unit 1 Project Working Schedule Diagram.

D2-AMPCO-79

Ref: D2-4-8

Seventy-three percent of the estimated costs in the RQE meet or exceed the level of estimate accuracy corresponding to a Class 3, with the remaining 27% at Class 4.

Please provide details of cost components at Class 4.

D2-AMPCO-80

Ref: D2-4-8 p.7

Benchmarking of staffing levels against other OPG major projects and external benchmarks (as available) was also completed.

Please provide a summary of these benchmarking results or if a document exists, please provide the document.

D2-AMPCO-81

Ref: D2-4-8

Please complete the following Table:

Costs	DNNP Forecast	DRP Forecast	DRP Actual	PRP Forecast
OPG Reg Labour (\$)				
Temp Staff (\$)				
Augmented Staff (\$)				
Overtime (\$)				
Non-Labour (\$)				
Contingency (\$)				
Interest (\$)				
Other (\$)				
Total (\$)				
Total Labour Hours (Reg, Temp, Augmented)				

D2-AMPC-82

Ref: D2-4-8 Attachment 1

Please provide the latest version of the 4-Unit Program Schedule.

D2-AMPCO-83

Ref: D2-4-8 Attachment 1 p.8

Please provide the cost for Unit 1 in the same format as Appendix 1, excluding the cost of Common Scope Facilities.

D2-AMPCO-84

Ref: D2-4-8 Attachment 1 p.10

Please explain how the overall \$2.7B cost exposure was derived.

D2-AMPCO-85

Ref: D2-4-9 pp.6-8

Please complete the following Table:

Metrics	September 30, 2025	March 31, 2025
Earned Value (EV)		
Planned Value (PV)		
Actual Cost (AC)		
Estimate to Complete		
Budget at Completion		
SPI = EV/PV		
CPI= EV/AC		
Cost Variance (CV) = EV-AC		
Schedule Variance (SV) = PV-EV		
Estimate at Completion (EAC) = AC - Estimate to Complete		
Variance at Completion (VAC) = Budget at Completion – Estimate at Completion		
Planned Hours		
Earned Hours		

D2-AMPCO-86

Ref: D2-4-9 pp.20-21

- a) As September 30, 2025, the overall Unit 1 work was 35% complete, against a planned target of 37% and construction work was 12% complete, against the planned Working Schedule baseline target of 15%.

Please provide this information as of the current date and in the response explain any variances.

- b) The DNNP's critical path is 81 days behind the Working Schedule baseline plan. Overall engineering progress is 78% complete, compared to a planned Working Schedule baseline completion of 81%. A recovery plan to return engineering progress to plan is in place to deliver the project's Baseline 3 Milestone by December 30, 2025.

- i. Please confirm the plan to deliver the project's Baseline 3 Milestone by December 30, 2025 was achieved. If not, please explain.
- ii. Please provide the current status of the critical path in the same format as above and in the response include a description of any recovery plans.

D2-AMPCO-87

Ref: D2-4-9 p.22

Please update Chart 2 to reflect the current date.

D2-AMPCO-88

Ref: D2-4

Please provide a copy of the following documents referenced in the evidence:

- a) OPG-PROG-0039, Project Management Program
- b) DA1-IPD-NN-NN-TPLN-PM-0004, Darlington New Nuclear Project (DNNP) Project Controls Plan

- c) DA1-IPD-NN-NN-TPLN-PM-0003, Darlington Small Modular Reactor – Project Execution Plan (PEP)
- d) NK054-PLAN-01210-000100, DNNP Contract Program Management Plan
- e) NK054-REP-01210-00119, DNNP Contracting Strategy
- f) DA1-IPD-ZZ-TPRO-PG-0001 DNNP Lessons Learned Guide
- g) NK054-PMP-01210-00004, DNNP – Grid Connection Project Management Plan
- h) DA1-IPD-NN-NN-TPLN-CE-0001 DNNP Estimate Plan (R01)
- i) DNNP RQE-SMR Request for Approval Memo, (6 March 2025)
- j) Earned Value Management (SCH-DTG-001) (June 2025)
- k) OPG Unit 1 Execution Phase Funding Release and Units 2-4 Definition Phase Funding Release. p.3 (06 Mar 2025)
- l) DNNP Project Execution Plan (PEP), DA1-IPD-NN-NN-TPVS-PM-0001. (14 Jan 2025)
- m) OPG Standard Contract Management, OPG-STD-0153
- n) DNNP Monthly Program Performance Meeting Power Point Deck (30 Oct 2025)
- o) DNNP Scope Change Management Instruction, DA1-IPD-NN-NN-TPRO-PM-0004. (18 Jun 2025)
- p) OPG Project Phase-Gate Management, OPG-MAN-00120-0019. (11 Apr 2024)

D2-AMPCO-89

Ref: D2-4-10 Attachment 1 p.69

Please provide the latest Bundle Performance Report for the DNNP.

F1-AMPCO-90

Ref: F1-1-1 p.4

During 2022, the Office of the Auditor General of Ontario (OAGO) conducted a Value for Money audit of OPG's Management and Maintenance of Hydroelectric Generating Stations. In December 2024, the OAGO released a Follow-Up Report on its 2022 Value for Money Audit.

- a) Please provide a copy of the OAGO's 2022 Value for Money audit of OPG's Management and Maintenance of Hydroelectric Generating Stations.
- b) Please provide a copy of the OAGO's December 2024 Follow-Up Report on its 2022 Value for Money Audit.

F1-AMPCO-91

Ref: F1-1-1 p.5

Overall, for the 53 regulated hydroelectric refurbishment projects that are expected to come into service during the 2027-2031 forecast period, OPG expects to sustain approximately 1,500 MW of the existing regulated hydroelectric fleet capacity and add an estimated incremental capacity of approximately 50 MW.

- a) For each of the 53 regulated hydroelectric refurbishment projects, please complete the following Table.

2027-2031 Hydroelectric Refurb Projects (capital)	Project #	Capacity Sustained (MW)	Planned MW Capacity Added (MW)	LCOE* \$/MWh	Total Project Cost (\$M)	Inservice \$ 2027-2031
Total		1,500	50			

*Levelized Cost of Electricity (LCOE)

F1-AMPCO-92

Ref: F1-1-1 pp.5-6

With respect to the overhaul projects planned over the 2027-2031 period, please complete the following Table:

2027-2031 Hydroelectric Overhaul Projects (OM&A)	Project #	Capacity Sustained (MW)	Planned MW Capacity Added (MW)	LCOE \$/MWh	OM&A \$ 2027-2031
Total					

F1-AMPCO-93

Ref: F1-1-1 p.8

With respect to the redevelopment projects planned over the 2027-2031 period, please complete the following Table:

2027-2031 Hydroelectric Redevelopment Projects (capital)	Project #	Capacity Sustained (MW)	Planned MW Capacity Added (MW)	LCOE \$/MWh	Total Project Cost (\$M)	In-service \$ 2027-2031
Total						

F1-AMPCO-94

Ref: F1-1-1 p.15

With respect to the expansion opportunities planned over the 2027-2031 period, please complete the following Table:

2027-2031 Expansion Projects (capital)	Project #	# New Units	Capacity Sustained (MW)	Planned MW Capacity Added (MW)	LCOE \$/MWh	Total Project Cost (\$M)	In- service \$ 2027- 2031
Total							

F1-AMPCO-95

Ref: F1-1-1 pp.17-29

For each of the measures under the Performance Metrics of Safety, Environment, Reliability, and Cost Effectiveness, please provide 2025 Actuals.

F1-AMPCO-96

Ref: F1-1-1 p.23

- a) With respect to planned outages over the 2016-2024 period, please provide the forecast percentage allocated to the Eastern Region, Niagara Region and Western Region.
- b) With respect to planned outages over the 2025-2031 period, please provide the forecast percentage allocated to the Eastern Region, Niagara Region and Western Region.

F1-AMPCO-97

Ref: F1-1-1 p.28

With respect to Chart 10 and Chart 11, please provide the data that underpins the Regulated Hydroelectric Unit Energy Cost Forecast (\$/MWh) calculation for each of the years 2016 to 2027 including 2025 actuals and in the response provide 2014 and 2015 actuals.

F1-AMPCO-98

Ref: F1-1-1 p.29

- a) With respect to Chart 12, please provide the data that underpins the Regulated Hydroelectric Total Generation Cost Performance (\$/MWh) calculation for each of the years 2016-2024 and in the response include 2014 and 2015 actuals.
- b) With respect to Chart 12, please provide the calculation of the forecast Regulated Hydroelectric Total Generation Cost Performance (\$/MWh) for each of the years 2025 to 2027 including 2025 actuals.
- c) Please confirm why redevelopment projects are excluded from TGC calculation.

F1-AMPCO-99

Ref: F1-1-1 Table 1

Please add 2014 and 2015 OEB-approved and Actuals to Table 1 split between Previously Regulated Hydroelectric and Newly Regulated Hydroelectric.

F1-AMPCO-100

Ref: F1-1-1 Table 2b

Please split Regulated Hydroelectric OM&A FTEs (Regular, Non-Regular, Temporary) between Base OM&A and Project OM&A.

F1-AMPCO-101

Ref: F1-3-3 Table 1

With respect to Project #82328 Otto Holden GS Concrete Mitigation Phase 2, please provide the following:

- a) Project Close Out Report.
- b) Post Implementation Review (PIR) Report.
- c) CPI and SPI results.

F1-AMPCO-102

Ref: F1-3-3 Table 2

- a) Please add the following column to Table 2:
 - i. Total Project Cost at time of EB-2020-0290
 - ii. Final Completion Date at time of EB-2020-0290.
- b) Please confirm all OM&A projects with 2025 to March 2026 completion dates were completed as planned.

F1-AMPCO-103

Ref: F1-3-3 Table 4b

For the two projects with a 2025 Potential Start Date, please indicate if the projects have started.

F2-AMPCO-104

Ref: F2-1-1 Table 2a

Please split Table 2a into two tables and provide excel versions of each table. In the response breakdown Nuclear Facilities OM&A FTEs between Base OM&A, Project OM&A, and Outage OM&A.

- a) Darlington Staff Summary.
- b) Pickering Staff Summary.

F3-AMPCO-105

Ref: F2-3-3 Table 1

- a) Please provide the total project cost in EB-2020-0290 for: DN Primary Heat Transport Pump Motor Oil Leak Repair (Project #84415), Fuel Channel Life Extension Project (Project #80014) DN Irradiated Fuel Bay Stack Frames Project (Project #80067).
- b) Please provide the final completion date in EB-2020-0290 for: DN Primary Heat Transport Pump Motor Oil Leak Repair (Project #84415), Fuel Channel Life Extension Project (Project #80014), DN Irradiated Fuel Bay Stack Frames Project (Project #80067), and DN U0 Switchgear Refurbishment (Project #84484).
- c) Please confirm the Fuel Channel Life Extension Project (Project #80014) was completed in December 2025 at a cost of \$63.6 million.
- d) Please provide the actual completion date for PN U8 Boiler Secondary Side Advanced Scale Conditioning Project (Project #87117) and the original baseline total cost estimate. In the response, please indicate why a BCS is shown as n/a.
- e) Please confirm DN U1 Steam Generator Primary Side Clean Project (Project #87908) was completed in December 2025 at a cost of \$20.6 million.
- f) Please provide the Project Over Variance Report for Project #84484.

F3-AMPCO-106

Ref: F2-3-3 Table 2a, Table 2b, Table 2c

- a) Please confirm all of the projects with a final completion date of 2025 to March 2026 have been completed.
- b) Please provide the baseline approved cost and final completion date for each of the OM&A projects in Table 2a, Table 2b and Table 2c.

F3-AMPCO-107

Ref: F2-3-3 Table 4

- a) Please confirm all of the projects with a potential 2025 start date have started.
- b) With respect to the DN U2 Primary Heat Transport Pump Motors Oil Leak Repairs Project (Project #89223), please provide:
 - i. the potential expenditures in 2027
 - ii. Please provide the forecast total cost of the project
- c) With respect to the AIM End of Life Fuel Channel Component Retrieval Project (Project #89282), please provide:
 - i. the potential expenditures in 2027
 - ii. Please provide the forecast total cost of the project

F4-AMPCO-108

F4-1-1 Table 1

Please provide the OEB-approved depreciation and amortization amounts for each of the years 2016 to 2024.

F4-AMPCO-109

F4-1-1 Table 2

Please provide the OEB-approved depreciation and amortization amounts for the Nuclear Facilities for each of the years 2020 to 2024.

F4-AMPCO-

Ref: F4-3-1 Attachment 1

For the purposes of Attachment 1, please define FTE and confirm at what point in the year the FTEs numbers are based on.

F4-AMPCO-110

Ref: F4-3-1 Attachment 1 p.1

- a) Please define EPSCA and PECO.
- b) Please breakdown the Management category in Appendix 2-K into Executive, Senior management, Managers/Supervisors and Individual Contributors.
- c) Please breakdown the Society category in Appendix 2-K into Managers, Supervisors and Individual Contributors.
- d) Please separate Salary and Incentive Pay costs.
- e) Please explain and quantify "Fiscal Adjustment".
- f) Please provide an excel version of Attachment #1 that reflects part (b) to (d) and in the excel include the allocation of compensation between OM&A and Capital.

F4-AMPCO-111

Ref: F4-3-1 Attachment 1 p.2

- a) Please breakdown the Management category into Executive, Senior management, Managers/Supervisors and Individual Contributors.
- b) Please breakdown the Society category in Appendix 2-K into Managers, Supervisors and Individual Contributors.
- c) Please separate Salary and Incentive Pay costs.
- d) Please provide an excel version of Attachment #1 that reflects part (a) to (c) and in the excel include the allocation of compensation between OM&A and Capital.

F4-AMPCO-112

Ref: F4-3-1 Attachment 1 p.1

Please provide Appendix 2-K on a Plan basis (EB-2020-0290) for each of the years 2020 -2031 and include the adjustments requested in F4-AMPCO-110 part (b) to part (d).

F4-AMPCO-113

Ref: F4-3-1 Attachment 1 p.3

Please provide Appendix 2-K on a Plan basis for each of the years 2020 -2031 and include the adjustments in F4-AMPCO-110 part (b) to part (d).

F4-AMPCO-114

Ref: F4-3-1 Attachment 1 p.1

a) Please complete the following table:

Overtime Hours	2020 A	2021 A	2023 A	2024 A	2025 A	2026 Plan	2027 Plan	2028 Plan	2029 Plan	2030 Plan	2031 Plan
Society											
PWU											
Term/ETE/PECO/ Temporary											
EPSCA											

b) Please provide the variance in overtime costs (\$) for each of the years 2027 to 2031 if the overtime rate applied is 1.5 times the wage rate instead of 2.

F4-AMPCO-115

Ref: F4-3-1 Attachment 1 p.3

a) Please breakdown the Management category into Executive, Senior management, Managers/Supervisors and Individual Contributors.

b) Please breakdown the Society category in Appendix 2-K into Managers/Supervisors and Individual Contributors.

c) Please separate Salary and Incentive Pay costs.

d) Please quantify "Fiscal Adjustment".

e) Please provide an excel version of Attachment #1 that reflects part (a) to part (c) and in the excel version please include the allocation of compensation costs between OM&A and Capital.

F4-AMPCO-116

Ref: F4-3-1 Attachment 1 p.3

a) Please complete the following table:

Overtime Hours	2020 A	2021 A	2023 A	2024 A	2025 A	2026 Plan	2027 Plan	2028 Plan	2029 Plan	2030 Plan	2031 Plan
Society											
PWU											

b) Please provide the variance in overtime costs (\$) for each of the years 2027 to 2031 if the overtime rate applied is 1.5 times the wage rate instead of 2.

F4-AMPCO-117

Ref: F4-3-1 Attachment 1

a) Please provide Appendix 2-K for Darlington NGS that includes the adjustments in F4-AMPCO-110 part (b) to part (d) and provide an excel version of the response.

b) Please provide Appendix 2-k for Pickering NGS that includes the adjustments in F4-AMPCO-110 parts (b) to part (d) and provide an excel version of the response.

F4-AMPCO-118

Ref: F4-3-1

Please provide the incremental compensations costs due to hiring a Term Employee as a Regular Employee and show the calculation.

F4-AMPCO-119

Ref: F4-3-1

a) Please provide the number of forecast and actual layoffs and the associated forecast and actual severance costs for the period 2022-2026 period.

- b) Please provide the assumption with respect to severance costs for 2027-2031.
- c) Please provide the employee turnover rate for each of the years 2020 to 2025.
- d) Please quantify (\$) the assumptions in the 2027-2031 budget with respect to total annual merit increases to be paid out.
- e) Please provide the merit increases paid in total over the 2020 to 2025 period.
- f) Please provide the reduction (\$) because of the actual vacancy rate for each of the years 2022 to 2025.
- g) Please provide OPG's assumptions with respect to the vacancy rate for each of the years 2027 to 2031.

F4-AMPCO-120

Ref: F4-3-1 p.25

Chart 1 provides the 2021-2026 Collective Agreement Wage Increases for PWU and Society for the years 2021 to 2026.

- a) Please provide the wage increase assumptions built into the plan for the years 2027 to 2031 for PWU and Society.
- b) Please provide the average wage increase for management for each of the years 2021 to 2031.

F4-AMPCO-121

Ref: F4-3-1 p.27

With respect to Figures 5, 6, 7, 8 please provide the underlying data.

F4-AMPCO-122

Ref: F4-3-1

Please compare the percentage of pension and benefit costs allocated to total compensation costs for a Regular FTE compared to a Term/ETE/PECO Temporary FTE and show the calculation.

F4-AMPCO-123

Ref: F4-04-1 Table 3

- a) Please explain the increase in Performance Incentive costs in 2025.
- b) Please provide the derivation of the Performance Incentive amounts (\$M) for each of the years 2027 to 2031.

F4-AMPCO-124

Ref: F4-04-1

The budget for the program is set using a financial results model based on a percentage applied to forecast corporate earnings before tax. Between 2021-2024, 2% was applied on average to forecast EBT and OPG's corporate score ranged from 0.97 to 1.28.

- a) Please provide the percentage applied to forecast corporate earnings before tax in 2025 and 2026.
- b) Please provide the corporate score in 2025 and show how it was calculated.
- c) Please provide the assumptions in the Plan with respect to the percentage applied to forecast corporate earnings before tax for the years 2027 to 2031 for Nuclear. Please confirm the percentages apply to both Nuclear and Hydroelectric. If not please provide separately.

I1-AMPCO-125

Ref: I1-1-1

Please provide the following Tables on the basis of the following assumptions: current capital structure remains, current Stretch Factor for nuclear remains: Table 1, Table 2, Table 3a, Table 3b, Table 4 and Table 5.

I1-AMPCO-126

Ref: I1-1-2

- a) Please provide the bill impacts (and show the calculation) for a typical Class A customers (10 MW) associated with:

- i. Nuclear revenue requirements
 - ii. Hydroelectric revenue requirements
 - iii. Clearance of deferral and variance accounts
- b) Please provide the bill impacts for the following customer classes (Residential, GS<50 kW, GS >50 kW, Large User (1,000-4,999 kw) associated with:
- iv. Nuclear revenue requirements
 - v. Hydroelectric revenue requirements
 - vi. Clearance of deferral and variance accounts