

CAPITAL PROJECTS – SUPPORT SERVICES

1.0 PURPOSE

This evidence provides descriptions and listings of capital projects, as well as business case summaries, for OPG's support services projects that support the regulated facilities. It also provides information on in-service additions for corporate groups. These capital projects form part of the test period capital budgets for the corporate groups presented in Ex. D3-1-1.

2.0 CAPITAL PROJECTS LISTING

OPG has used a tiered structure for reporting on all capital projects. Information is presented for projects which have budgeted expenditures during the 2014 and 2015 test period or in-service amounts during 2013, 2014 or 2015.

The following information is provided for capital projects being undertaken by OPG's corporate groups:

- Tier 1: For projects with a total cost of \$20M or greater, summary level information is provided in Ex. D3-1-2 Table 1.
- Tier 2: For projects with a total cost of \$5M to \$20M, summary level information is provided in Ex. D3-1-2 Table 2.
- Tier 3: For projects with a total cost of less than \$5M, aggregated information is provided in Ex. D3-1-2 Table 3.

Supporting documentation, in the form of business case summaries, is provided for projects greater than \$20M in Attachment 1.

Exhibit D3-1-2 Table 1 presents one Tier 1 project that is being undertaken by the IT group. The Enterprise System Consolidation project is new and was not reported in the previous application (EB-2010-0008). This project has an approved preliminary project estimate of \$48.6M.

1 The Enterprise Systems Consolidation project will allow OPG to realize savings by moving to
2 one major resource planning/asset management system, Passport. Passport will be adopted
3 as the standard for supporting Plant Operations across OPG, while SAP, OPG's other
4 system, will be scaled down to support Finance and People & Culture. The project will also
5 develop a single IT solution across OPG for both financial and time reporting by
6 consolidating time entry for all employees and consolidating financial data into one reporting
7 platform. OPG has been operating with two major Enterprise Resource Planning and
8 Enterprise Asset Management systems. Streamlining work management and material
9 management related activities within Passport on a single instance is expected to deliver
10 cost savings to OPG.

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12 Exhibit D3-1-2 Table 2 presents one new Tier 2 project that is being undertaken by the IT
13 group: the Windows 7 Network and Desktop Upgrade estimated at \$6.3 M.

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15 The Windows 7 Network and Desktop Upgrade is required to sustain desktop operating
16 system ("O/S") OPG is moving from Windows XP to the next version of the Microsoft desktop
17 O/S. IT plans to upgrade in 2014 to mitigate potential cost and risk exposure associated with
18 operating on unsupported system software.

19
20 Exhibit D3-1-2 Table 3 provides aggregated information for Tier 3 projects with a cost less
21 than \$5M. The initiatives include IT projects for common assets that are charged to regulated
22 operations through an asset service fee such as:

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- 24 • The Mainframe Replatforming project will convert Passport from an NHSS supplied
25 mainframe service to a Unix platform that OPG owns and NHSS supports. The
26 project has an estimated cost of \$4.0M
 - 27 • The Online Wiring IMT Rationalization project will re-platform the electrical wiring
28 system within the nuclear plants with the current state programming technology. The
29 project has an approved estimate of \$3.7M.
 - 30 • The Business Planning project will allow OPG to upgrade the current un-supported
31 SAP business planning system implemented in 2002. This system is primarily used

1 by Finance for establishing annual departmental, divisional and BU budgets. The
2 project has an estimated cost of \$3.3M

- 3 • Under the People and Culture Common Services project OPG will develop a single IT
4 solution that will allow employees to easily access information through a self-serve
5 model. The approved budget estimate is \$3.0M
- 6 • IT system application upgrades such as Passport Performance Improvements project,
7 Energy Markets Financial Reporting and Analytics project, Nuclear Training upgrade
8 project, Tibco replacement, and Exchange Server Life Cycle Upgrade.

9
10 Real Estate projects such as washroom and roof replacements, security systems, parking
11 garage enhancements, cooling system and roofing replacement, and energy saving activities
12 are included in the Tier 3 listing.

LIST OF ATTACHMENTS

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Attachment 1: Enterprise Systems Consolidation Project – Recommendation for
Submission to Board of Directors, May 16, 2013.