Board Staff Interrogatory #223

Interrogatory

Reference:
Exhibit F2 / Tab 1 / Schedule 1 / Attachment 6 / p. 42

Preamble:

The full scaling factor to adjust from a two-unit plant to a four-unit plant appears to have been applied to Darlington NGS.

OEB staff understands that Darlington NGS Unit 2 was offline for all of 2019 (and OPG personnel that are working on the DRP are not included in the benchmarking analysis).

Question(s):

a) Please explain why Darlington NGS has been applied the full scaling factor to reflect the adjustment from a two-unit plant to four-unit plant.

b) Please provide the benchmark results if Darlington NGS was scaled to a three-unit plant (instead of a four-unit plant).

Response

The following responses have been provided by Goodnight Consulting:

a) Although Darlington was in refurbishment in 2019, the benchmarks were developed for a 4-unit steady-state condition. Specifically, all of the steady-state Darlington personnel remained present at the site, albeit with some operations and maintenance staff loaned to the Refurbishment organization. Consequently, it was appropriate to include all of them in the OPG headcounts, and to have a 4-unit benchmark comparison. These steady-state operational staff at Darlington were included in the study, and were used for comparison with the fully scaled benchmarks. However, the personnel performing refurbishment capital work were excluded in the benchmarking analysis.

b) We did not develop a 3-unit model for Darlington NGS. This would not have counted all of the OPG personnel at the site, nor compared the OPG personnel described above. Additionally, DNGS will be a 4-unit operational site after the refurbishment project is complete, and benchmarks for the full 4-unit configuration were needed for planning purposes.