COMPARISON OF PRODUCTION FORECASTS – NUCLEAR

1.0 PURPOSE

This evidence presents period-over-period comparisons of actual and forecast nuclear production for 2020-2031, in support of the approval of OPG's nuclear facilities' production forecast for the IR term. In addition, this evidence separately sets out the production forecast for the Darlington New Nuclear Program ("DNNP") facilities, the first unit of which will enter commercial operation during the IR term.

2.0 OPG NUCLEAR FACILITIES

2.1 Overview

Variances between actual and forecast production in the 2022-2026 term are primarily the result of the successful execution of the Darlington Refurbishment Program ("DRP"), including the implementation of lessons learned and unit over unit efficiencies, and the Province of Ontario's decision to extend Pickering Units 5-8 operations from 2025 to 2026.[1] Other reasons for variances are attributed to changes in the following: station planned outage ("PO") days,[2] forced outages ("FO"), planned or forced derates and unbudgeted POs. Variances may also arise due to station consumption, grid losses and impacts on thermal performance resulting from high lake water temperature.

Period-over-period variances are presented in Ex. E2-1-2, Tables 1a and 1b, and are explained below.

2.2 Period-Over-Period Changes – IR Term

As discussed in Ex. E2-1-1, Section 3.0, Pickering will be fully offline as of September 30, 2026. While Units 1 and 4 have ended commercial operation, Units 5-8 will transition to

[1] Under *Ontario Regulation 53/*05, OPG will return to ratepayers net revenues generated between January 1, 2026, to September 30, 2026, resulting from the extended operations of Pickering Units 5-8. See Ex. H1-1-1, Section 5.28, for information regarding the Pickering B Variance Account.

[2] PO days excludes a) outage days for Darlington units out of service during refurbishment, and b) outage equivalent planned derate days.

refurbishment, with Unit 5 returning to service towards the end of the IR term in May 2031. Until such point, there is no Pickering station generation during the IR term.

Also as discussed in Ex. E2-1-1, the DRP will conclude in 2026, with all four Darlington units operating throughout the IR term for the first time since 2016. Darlington's generation is impacted during this IR term by a four-unit vacuum building outage in 2027, and major equipment replacements and rehabilitations works requiring extended outages during the IR term as discussed below.

2027 Plan versus 2026 OEB-Approved

The 2027 Plan nuclear production of 18.7 terawatt-hours ("TWh") is 3.2 TWh lower than the 2026 OEB-approved plan production of 21.9 TWh. Since both the 2027 Plan and 2026 OEB-approved do not include any Pickering generation, the lower 2027 Plan production relative to 2026 OEB-approved is attributed to Darlington:

- Higher production in 2027 Plan compared with 2026 OEB-approved due to the completion of the DRP in 2026. The 2026 OEB-approved plan assumed that the last Darlington Unit 4 refurbishment would be complete in October 2026 (288 days).
- Lower production in 2027 Plan due to higher PO days (316.5 days) required primarily to execute major equipment replacements and rehabilitation associated with the Primary Moisture Separator ("PMS") Replacement on all four Steam Generators in Darlington Unit 2 in 2027, as well as the Unit 2 Turbine Control and Auxiliary Systems Upgrade ("TG Controls") project being executed in parallel. Both projects are described in Ex. D2-1-3, Section 3.1.3.
- Lower production in 2027 Plan due to planned Vacuum Building Outage ("VBO"; 45.9 days per unit (137.7 days total)) which necessitates shutdown of Units 1, 3, and 4. OPG has strategically overlapped the VBO with the above Unit 2 planned outage to optimize the outages.
- Higher production in 2027 Plan due to 19.5 fewer FLR equivalent days in 2027 Plan when compared with 2026 OEB-approved.
- Higher production in 2027 Plan compared with 2026 OEB-approved due to Unit 3 bulkhead derates not required upon refurbishment completion (savings of 15.1 equivalent days).

2028 Plan versus 2027 Plan

The 2028 Plan nuclear production of 26.7 TWh is 8.0 TWh higher than the 2027 Plan production of 18.7 TWh. The higher production of 2028 relative to 2027 is primarily due to 371.2 fewer PO days at Darlington as summarized below:

- Higher production in 2028 Plan compared with 2027 Plan as VBO (137.7 days impact) is completed in 2027.
- Two POs in 2028 totaling 141.5 days as compared to two POs in 2027 totaling 375.0 days for the extended outage duration associated with the Unit 2 PMSR and TG Controls PO.

2029 Plan versus 2028 Plan

The 2029 Plan nuclear production of 25.1 TWh is 1.6 TWh lower than the 2028 Plan production of 26.7 TWh. The lower production in 2029 relative to 2028 is due to Darlington having 72.7 more PO days than in 2028 as summarized below:

- Three POs in 2029 totaling 214.1 days as compared to two POs totaling 141.5 days in 2028.

2030 Plan versus 2029 Plan

The 2030 Plan nuclear production of 26.8 TWh is 1.8 TWh higher than the 2029 Plan production of 25.1 TWh. The higher production in 2030 relative to 2029 is primarily due to higher production at Darlington as summarized below:

- Two POs in 2030 totaling 139.2 days as compared to three POs totaling 214.1 days in 2029.

2031 Plan versus 2030 Plan

The 2031 Plan nuclear production of 28.9 TWh is 2.1 TWh higher than the 2030 Plan production of 26.8 TWh. The higher production in 2031 relative to 2030 is primarily due to the return of Pickering Unit 5 from refurbishment and impacts of unit uprates at Darlington as summarized below:

- Higher production from Pickering Unit 5 return to service post-refurbishment in May 2031 (+1.9 TWh).

2.3 Period-Over-Period Changes – Bridge Years

2026 Budget versus 2026 OEB-Approved

The 2026 planned nuclear production of 32.5 TWh is 10.5 TWh higher than the 2026 OEB-approved production of 21.9 TWh. The higher 2026 planned production is primarily due to a combination of the following:

- Lower production at Darlington relative to OEB-approved due to Unit 3 planned outage shifted from 2027 to 2026 and extended outage duration to conduct emergent work associated with the SG PMSR (-4.8 TWh).
- Higher production at Darlington due to planned early return to service of Unit 4 resulting in 183.0 fewer refurbishment days (+3.9 TWh).
- Higher production at Pickering due to Pickering Units 5-8 extended operation from January 1, 2026 to September 30, 2026 (+11.4 TWh).

2026 Budget versus 2025 Budget

The 2026 planned nuclear production of 32.5 TWh is 4.4 TWh lower than the 2025 planned nuclear production of 36.9 TWh. The lower 2026 planned production is primarily due to:

- Lower production at Pickering due to the planned shutdown of Units 5-8 on September 30, 2026 compared with entire year of production in 2025 (-4.4 TWh).

2025 Budget versus 2025 OEB-Approved

The 2025 planned nuclear production forecast of 36.9 TWh is 5.8 TWh higher than the 2025 OEB-approved production of 31.1 TWh. The higher 2025 planned production is primarily due to:

- Higher production at Darlington due to:
  - 107 fewer refurbishment days with Unit 1 having returned to service on November 27, 2024 versus OEB-approved assumption of April 18, 2025 (+2.2 TWh).
  - 182.0 fewer PO days due to shifting the Unit 2 Turbine Controls scope from 2025 to 2027 (see Ex. E2-1-1, Section 3.0 for further discussion) (+3.8 TWh).
  - 61 fewer post-refurbishment PO days attributed to Unit 3 (removal of 31-day post-refurbishment PO) and Unit 1 (reduced post-refurbishment PO from 55 days to 25 days) (+1.3 TWh). As a result of Unit 3's early return to service from refurbishment, a Unit 3

planned outage was shifted from 2027 into 2026, which eliminated the need for the Unit 3 post-refurbishment PO. Unit 1's reduced forecast for its post-refurbishment outage reflects operating experience from successful operation of Darlington Units 2, 3, and 1 post-refurbishments to-date.

- Lower planned production at Pickering primarily due to 80.0 additional planned PO days required to address Unit 6 equipment inspection and maintenance issues associated with life extension to September 31, 2026, partially offset by 5.0 fewer Equipment Aging Outage days (-0.8 TWh).
- Production Settlement adjustment (-0.9 TWh)

2025 Budget versus 2024 Actual

The 2025 planned nuclear production of 36.9 TWh is 3.9 TWh higher than the 2024 production of 33.0 TWh. The higher 2025 planned production is primarily due to:

- Higher planned production at Darlington (+9.4 TWh) due to:
  - 333 fewer refurbishment days (365 days in 2025 for Unit 4 compared to 698 days in 2024 for Units 1 and 4 combined);
  - 74 fewer PO days (25 days in 2025 planned production compared to 99 days in 2024); and
  - 41.2 fewer FLR equivalent days (38.6 days in 2025 planned production compared to 79.8 days in 2024).
- Lower planned production at Pickering (-5.5 TWh) primarily due to Units 1 and 4 end of commercial operations in 2024, with only Units 5-8 operating through 2025, partially offset by 172.7 fewer PO days in 2025 (110.3 PO days in the 2025 planned production compared to 283 PO days in 2024).

2.4 Period-Over-Period Changes – Historical Years

2024 Actual versus 2024 OEB-Approved

The 2024 actual nuclear production of 33.0 TWh is 1.1 TWh lower than the 2024 OEB-approved production of 34.1 TWh. The lower 2024 production is primarily due to a combination of the following:

- Lower production at Darlington due to 31.4 additional PO days in 2024 (86.4 days actual compared to 55 days in OEB-approved) reflecting a Unit 2 PO that was shifted from 2023 to 2024 to support grid reliability and manage resource constraints during concurrent nuclear outages (-0.7 TWh).
- Lower production at Darlington due to higher actual FLR of 12.1% compared to 6.0% OEB-approved (-0.9 TWh), primarily due to the following forced outages
    - 26.3 days to repair boiler tube leak in Unit 3;
    - 4.4 days to address circulating cooling water pump issues on Unit 3;
    - 32.7 days to address loss of excitation related issues on Unit 2; and
    - 11.1 days to repair boiler feed water suction pipe leaks on Unit 1.
- Higher production at Darlington due to 35 fewer refurbishment days with Unit 1 available for commercial operations on November 27, 2024 (698 days actual for Units 1 and 4 combined compared to 733 days in OEB-approved). This was driven by improvements in refurbishment schedules based on implementing prior unit lessons learned (+0.7 TWh),
- Higher production at Darlington as no derates were required during installation of the Bulkhead to isolate Unit 4 for refurbishment from the operating units as well as during the removal of the Bulkhead while bringing Unit 1 from refurbishment (+0.8 TWh).
- Production Settlement adjustment (-0.7 TWh).

2024 Actual versus 2023 Actual

The 2024 nuclear production of 33.0 TWh is 3.1 TWh lower than the 2023 production of 36.1 TWh. The lower 2024 production is primarily due to lower production at Darlington (-3.0 TWh):

- 99 higher PO days (99 days in 2024 and no PO days in 2023);
- 69.3 higher FLR equivalent days (79.8 days in 2024 compared to 10.5 days in 2023); and
- 32 fewer refurbishment days (698 days in 2024 for Unit 1 and 4 combined compared to 730 days in 2023 for Units 1, 3, and 4 combined).

2023 Actual versus 2023 OEB-Approved

The 2023 actual nuclear production of 36.1 TWh is 4.9 TWh higher than the 2023 OEB-approved production of 31.2 TWh. The higher 2023 production is primarily due to higher production at Darlington:

- Higher production at Darlington due to 108 fewer days required for refurbishment of Darlington units. Darlington Unit 3 was returned to service 166 days earlier than the OEB-approved plan as a result of the incorporation of significant operating experience and lessons learned from Unit 2 (+3.5 TWh). This was partially offset by the refurbishment of Darlington Unit 4 being advanced by 58 days to start immediately after Unit 3's return to service (-1.2 TWh).
- Higher production at Darlington due to fewer PO equivalent days, including a regular planned outage (82.2 days) that was shifted from 2023 to 2024 to support grid reliability and manage resource constraints during concurrent nuclear outages (+1.8 TWh).

2023 Actual versus 2022 Actual

The 2023 nuclear production of 36.1 TWh is 0.8 TWh higher than the 2022 production of 35.3 TWh. The higher 2023 production is primarily due to higher production at Darlington:

- Higher production at Darlington due to 45 fewer PO days in 2023 compared to 2022 (+0.9 TWh).
- Higher production at Darlington due to better FLR in 2023 compared to 2022 (+0.8 TWh).
- Lower production at Darlington due to 45 more refurbishment days at Darlington in 2023. There were 730.0 refurbishment days in 2023 with Unit 1 under refurbishment throughout the year (365 days) and Unit 4 refurbishment starting after Unit 3 returned to service. In comparison, there were 685.0 refurbishment days in 2022 as Unit 1 refurbishment began in February 2022 while Unit 3 refurbishment was already in progress (-0.9) TWh.

2022 Actual versus 2022 OEB-Approved

The nuclear production of 35.3 TWh in 2022 was 1.7 TWh higher than the 2022 OEB-approved production of 33.6 TWh. The higher 2022 production is primarily due to a combination of the following:

- Higher production at Darlington due primarily to:
  - 27.9 fewer PO days in 2022 compared to OEB-approved (+0.6 TWh);
  - Savings of 22.3 days as no derates were required during the installation of the Bulkhead to isolate Unit 1 for refurbishment from the operating units. This was the result

of implementation of Enriched Boric Acid project,[3] coupled with refurbishment schedule optimization based on lessons learned changes in operating unit fueling strategy (+0.5 TWh).

- Lower production at Darlington due to 40.6 more FLR equivalent days. Darlington's actual FLR was 7.5% versus 2022 OEB-approved of 2.1% (-0.8 TWh).
- Higher production at Pickering primarily due to 93.4 fewer PO days where regular PO were completed ahead of schedule with more efficient outage execution. One PO started later and was completed in early 2023 to mitigate execution overlap challenges of parallel execution of VBO (+1.2 TWh).

2022 Actual versus 2021 Actual

The 2022 nuclear production of 35.3 TWh is 4.3 TWh lower than the 2021 production of 39.6 TWh. The lower 2022 production is primarily due to a combination of the following:

- Lower production at Darlington due to 320.0 more refurbishment days in 2022. There were 365.0 refurbishment days in 2021 for Unit 3 compared with 685.0 refurbishment days in 2022 for Unit 3 during the entire year and Unit 1 refurbishment beginning in February (-6.7 TWh).
- Higher production at Darlington primarily due to 110.4 fewer PO days required in 2022 compared with 2021 (+2.3 TWh).

2021 Actual versus 2021 OEB-Approved

The 2021 nuclear production of 39.6 TWh was 4.2 TWh higher than the 2021 OEB-approved production of 35.4 TWh. The higher 2021 production is primarily due to a combination of the following:

- Higher production at Darlington due to 200.0 fewer refurbishment days. The OEB-approved production forecast reflected a six-month period when two units would be refurbished in parallel. Following revisions to the DRP schedule, this overlap began February 15, 2022 when Unit 1 began its refurbishment as opposed to June 15, 2021 (+4.2 TWh).

[3] The implementation of the Enriched Boric Acid project improves fueling reliability, allowing OPG to do longer maintenance windows on the fueling machine while a unit is operating.

- Lower production at Darlington due to 104.3 higher PO days. The OEB-approved production forecast reflected a post-refurbishment outage and a primary heat transport pump motor replacement mini outage, and no regular POs. In comparison, the 2021 Actual had two regular POs with 155.5 days. As a result of the revised DRP schedule, OPG had to move a Darlington Unit 1 outage from 2020 to 2021 and also add a PO in 2021 to support Unit 4 operation until its start of refurbishment (-2.2 TWh).
- Higher production at Pickering due to 227.3 fewer PO days. The Pickering VBO was moved to 2022 following Canadian Nuclear Safety Commission approval, accounting for 120.0 fewer PO days required at Pickering (+1.5 TWh).
- Higher production at Pickering due to the number of POs at Pickering being reduced from three to two due to the transition from a 24-month to a 30-month outage cycle (+1.3 TWh).

2021 Actual versus 2020 Actual

The 2021 nuclear production of 39.6 TWh is 4.3 TWh lower than the 2020 production of 43.9 TWh. The lower 2021 production is primarily due to a combination of the following:

- Lower production at Darlington primarily due to:
  - 122.5 higher PO days for 2021 (155.5 PO days) compared to 2020 (33 PO days) (-2.6 TWh).
  - 90 higher Darlington refurbishment days for 2021. Unit 3 was undergoing refurbishment for the entire 2021 compared with 275 refurbishment days in 2020 as Unit 2 completed refurbishment on June 4, 2020 and Unit 3 commenced refurbishment on September 3, 2020 (-1.9 TWh).
- Higher production at Pickering due to 114.6 fewer PO days for 2021 (335.5 PO days) compared with 2020 (450 PO days) (+1.4 TWh). This was partly offset by lower production at Pickering due to higher actual FLR for 2021 at 6.2% compared with 2020 FLR of 2.7% (-0.9 TWh).

2020 Actual versus 2020 OEB-Approved

The 2020 nuclear production of 43.9 TWh is 6.6 TWh higher than the 2020 OEB-approved production of 37.4 TWh. The higher 2020 production is primarily due to higher production at Darlington:

- Higher production at Darlington due to 91.1 fewer refurbishment days. In the 2020 OEB-approved production forecast, there was no gap between Unit 2 and Unit 3 refurbishments. Following revisions to the DRP schedule in response to the COVID-19 pandemic, there was a two-month gap between the return to service of Unit 2 and the start of the refurbishment of Unit 3 (+1.9 TWh).
- Higher production at Darlington due to the primary heat transport pump motor replacement mini outage included in EB-2016-0152 was cancelled as the work was completed in a prior year (+0.8 TWh).
- Higher production at Darlington from 150.2 fewer PO days due to a combination of the following:
    - The later return to service date for Unit 2 necessitated revisions to the outage schedule, which resulted in the rescheduling of the first Unit 2 post-refurbishment outage from 2020 to 2021 (+1.3 TWh); and
    - The shifting of the Unit 1 PO from September 2020 to February 2021 (+1.9 TWh);
    - Partly offset by a regulatory requirement to perform a single fuel channel replacement outage in advance of the Unit 3 refurbishment (-0.7 TWh).

3.0 DNNP FACILITIES

3.1 Overview

The first of four DNNP facilities' units is planned to be commercially available and generating starting in October 2030. Prior to this, there is no planned generation for the DNNP facilities. As such, there are no period-over-period comparison available for the historical or bridge years.

3.2 Period-Over-Period Changes – IR Term

2027 Plan versus 2026 OEB-Approved

There is no planned production from the DNNP facilities during this timeframe.

2028 Plan versus 2027 Plan

There is no planned production from the DNNP facilities during this timeframe.

2029 Plan versus 2028 Plan

There is no planned production from the DNNP facilities during this timeframe.

2030 Plan versus 2029 Plan

The 2030 DNNP facilities production forecast includes 0.5 TWh as DNNP facilities Unit 1 is planned to enter commercial operations in October 2030. There is no planned production during 2029 for the DNNP facilities.

2031 Plan versus 2030 Plan

The 2031 DNNP facilities production of 1.9 TWh is 1.4 TWh higher than 2030 Plan production of 0.5 TWh.

- There is higher production forecasted in 2031 with DNNP facilities' Unit 1 operating for a full year. This production increase is partly offset by the first PO at the DNNP facilities' Unit 1 as well as the warranty outage, both scheduled in 2031.

Numbers may not add due to rounding.

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Exhibit E2
Tab 1
Schedule 2
Table 1a

Table 1a
Comparison of Production Forecast - Combined Nuclear

Line No.	Business Unit	2020 OEB Approved[3]	(c)-(a) Change	2020 Actual	(g)-(c) Change	2021 OEB Approved[3]	(g)-(e) Change	2021 Actual	(k)-(g) Change	2022 OEB Approved	(k)-(i) Change	2022 Actual
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
	Darlington NGS											
1	**TWh**	17.7	5.7	23.4	(4.9)	16.6	1.9	18.5	(4.6)	13.4	0.5	13.9
2	**Unit Capability Factor (%)**	79.4	13.7	93.1	(10.4)	90.9	(8.3)	82.7	4.3	85.8	1.2	87.0
3	**PO Days[1,2]**	183.2	(150.2)	33.0	122.5	51.2	104.3	155.5	(110.4)	73.0	(27.9)	45.1
4	**Refurb PO Days**	366.0	(91.1)	274.9	90.1	565.0	(200.0)	365.0	320.0	685.0	0.0	685.0
5	**FEPO Days**	0.0	1.3	1.3	(1.3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	**FLR (%)**	4.2	(2.6)	1.5	2.0	3.0	0.5	3.5	4.0	2.1	5.4	7.5
7	**FLR Days Equivalent**	38.1	(20.4)	17.7	15.3	25.0	8.1	33.0	22.0	14.4	40.6	55.0
	Pickering NGS											
8	**TWh**	19.6	0.9	20.5	0.6	18.8	2.3	21.1	0.3	19.8	1.6	21.4
9	**Unit Capability Factor (%)**	73.4	2.8	76.3	2.7	70.6	8.3	78.9	1.1	74.1	5.9	80.0
10	**PO Days[2]**	498.9	(48.9)	450.0	(114.6)	562.8	(227.3)	335.5	58.3	487.2	(93.4)	393.8
11	**Refurb PO Days**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	**FEPO Days**	0.0	13.0	13.0	(13.0)	0.0	0.0	0.0	1.1	0.0	1.1	1.1
13	**FLR (%)**	5.0	(2.3)	2.7	3.6	5.0	1.2	6.2	(4.4)	3.5	(1.7)	1.8
14	**FLR Days Equivalent**	84.9	(39.2)	45.6	69.1	81.4	33.4	114.7	(82.4)	58.9	(26.5)	32.3
	OPG Nuclear Facilities Totals											
15	**Unit Capability Factor (%)**	76.2	8.3	84.5	(3.8)	79.0	1.6	80.7	2.0	78.5	4.2	82.7
16	**PO Days[1,2]**	682.1	(199.1)	483.0	7.9	614.0	(123.1)	491.0	(52.1)	560.2	(121.3)	438.9
17	**FEPO Days**	0.0	14.3	14.3	(14.3)	0.0	0.0	0.0	1.1	0.0	1.1	1.1
18	**FLR (%)**	4.6	(2.5)	2.1	2.9	4.0	0.9	5.0	(0.8)	2.9	1.3	4.2
19	**FLR Days Equivalent**	122.9	(59.6)	63.3	84.4	106.3	41.4	147.7	(60.4)	73.2	14.1	87.3
20	**TWh before Adjustments**	37.4	6.6	43.9	(4.3)	35.4	4.2	39.6	(4.3)	33.2	2.1	35.3
21	**OEB/Settlement Adjustments[4]**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	(0.4)	0.0
22	**TWh including Adjustments**	37.4	6.6	43.9	(4.3)	35.4	4.2	39.6	(4.3)	33.6	1.7	35.3
	DNNP Facilities											
23	**TWh**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	**Unit Capability Factor (%)**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	**PO Days[2]**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	**FEPO Days**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	**FLR (%)**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	**FLR Days Equivalent**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	**Total TWh Including Adjustments**	37.4	6.6	43.9	(4.3)	35.4	4.2	39.6	(4.3)	33.6	1.7	35.3

Line No.	Business Unit	2022 Actual	(e)-(a) Change	2023 OEB Approved	(e)-(c) Change	2023 Actual	(i)-(e) Change	2024 OEB Approved	(i)-(g) Change	2024 Actual	(k)-(i) Change	2025 Budget
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
	Darlington NGS											
30	**TWh**	13.9	0.7	9.6	5.0	14.6	(3.0)	12.0	(0.3)	11.7	9.4	21.1
31	**Unit Capability Factor (%)**	87.0	10.0	78.1	18.9	97.0	(22.4)	81.8	(7.2)	74.6	19.6	94.2
32	**PO Days[1,2]**	45.1	(45.1)	112.2	(112.2)	0.0	99.0	55.0	44.0	99.0	(74.0)	25.0
33	**Refurb PO Days**	685.0	45.0	838.0	(108.0)	730.0	(32.0)	733.0	(35.0)	698.0	(333.0)	365.0
34	**FEPO Days**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35	**FLR (%)**	7.5	(6.1)	1.2	0.2	1.4	10.6	6.0	6.1	12.1	(8.5)	3.6
36	**FLR Days Equivalent**	55.0	(44.5)	5.9	4.6	10.5	69.3	38.0	41.8	79.8	(41.2)	38.6
	Pickering NGS											
37	**TWh**	21.4	0.1	21.2	0.3	21.5	(0.2)	21.4	(0.1)	21.3	(5.5)	15.8
38	**Unit Capability Factor (%)**	80.0	0.6	79.4	1.3	80.7	2.6	83.3	(0.0)	83.3	5.8	89.1
39	**PO Days[2]**	393.8	(38.2)	371.1	(15.5)	355.6	(72.6)	270.2	12.8	283.0	(172.7)	110.3
40	**Refurb PO Days**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41	**FEPO Days**	1.1	0.9	0.0	2.0	2.0	(2.0)	0.0	0.0	0.0	0.0	0.0
42	**FLR (%)**	1.8	1.0	3.5	(0.7)	2.8	(0.2)	3.5	(0.9)	2.6	0.9	3.5
43	**FLR Days Equivalent**	32.3	18.1	63.1	(12.6)	50.5	(4.4)	66.8	(20.7)	46.1	1.1	47.2
	OPG Nuclear Facilities Totals											
44	**Unit Capability Factor (%)**	82.7	4.0	79.0	7.7	86.7	(6.8)	82.8	(2.9)	79.9	12.1	92.0
45	**PO Days[1,2]**	438.9	(83.3)	483.3	(127.7)	355.6	26.4	325.2	56.8	382.0	(246.7)	135.3
46	**FEPO Days**	1.1	0.9	0.0	2.0	2.0	(2.0)	0.0	0.0	0.0	0.0	0.0
47	**FLR (%)**	4.2	(1.9)	2.8	(0.6)	2.2	4.0	4.4	1.8	6.3	(2.7)	3.6
48	**FLR Days Equivalent**	87.3	(26.4)	69.0	(8.0)	61.0	64.9	104.8	21.1	125.9	(40.1)	85.8
49	**TWh before Adjustments**	35.3	0.8	30.8	5.3	36.1	(3.1)	33.4	(0.4)	33.0	3.9	36.9
50	**OEB/Settlement Adjustment[4]**	0.0	0.0	0.4	(0.4)	0.0	0.0	0.7	(0.7)	0.0	0.0	0.0
51	**TWh including Adjustments**	35.3	0.8	31.2	4.9	36.1	(3.1)	34.1	(1.1)	33.0	3.9	36.9
	DNNP Facilities											
52	**TWh**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53	**Unit Capability Factor (%)**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54	**PO Days[2]**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55	**FEPO Days**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56	**FLR (%)**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57	**FLR Days Equivalent**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58	**Total TWh Including Adjustments**	35.3	0.8	31.2	4.9	36.1	(3.1)	34.0	(1.1)	33.0	3.9	36.9

Notes:

1 PO days excludes planned outage days for units out of service during refurbishment.

2 PO days excludes planned outage equivalent days for planned derating of units or staggered unit shutdown.

3 OEB Approved amounts are per EB-2016-0152, Ex. E2-1-2, Table 1, and approved in the Decision and Order, pp. 11-13.

4 Production Settlement Adjustment Amounts per OPG Settlement Proposal, Filed 20210716, Table 17 - 2022-2026 Settled Production Forecast (TWh), p. 25.

Numbers may not add due to rounding.

Updated: 2026-03-10
EB-2025-0297
Exhibit E2
Tab 1
Schedule 2
Table 1b

Table 1b
Comparison of Production Forecast - Combined Nuclear

Line No.	Business Unit	2025 OEB Approved	(c)-(a) Change	2025 Budget	(g)-(c) Change	2026 OEB Approved	(g)-(e) Change	2026 Budget	(i)-(g) Change	2027 Plan	(k)-(i) Change	2028 Plan
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
	Darlington NGS											
1	**TWh**	13.5	7.5	21.1	(0.0)	21.5	(0.4)	21.1	(2.4)	18.7	8.0	26.7
2	**Unit Capability Factor (%)**	68.2	26.0	94.2	(18.2)	89.4	(13.4)	76.0	(13.1)	62.9	25.7	88.6
3	**PO Days**[1]	268.0	(243.0)	25.0	261.7	59.1	227.6	286.7	226.0	512.7	(371.2)	141.5
4	**Refurb PO Days**	472.0	(107.0)	365.0	(260.0)	288.0	(183.0)	105.0	(105.0)	0.0	0.0	0.0
5	**FEPO Days**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	**FLR (%)**	6.4	(2.8)	3.6	(0.1)	4.3	(0.7)	3.5	(0.6)	2.9	(0.7)	2.2
7	**FLR Days Equivalent**	46.2	(7.6)	38.6	(0.9)	46.8	(9.1)	37.7	(10.4)	27.3	1.5	28.9
	Pickering NGS											
8	**TWh**	16.6	(0.8)	15.8	(4.4)	0.0	11.4	11.4	(11.4)	0.0	0.0	0.0
9	**Unit Capability Factor (%)**	93.2	(4.1)	89.1	(2.1)	0.0	87.1	87.1	(87.1)	0.0	0.0	0.0
10	**PO Days**[2]	35.0	75.3	110.3	0.5	0.0	110.8	110.8	(110.8)	0.0	0.0	0.0
11	**Refurb PO Days**	0.0	0.0	0.0	368.0	0.0	368.0	368.0	1,092.0	1,460.0	4.0	1,464.0
12	**FEPO Days**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	**FLR (%)**	3.5	0.0	3.5	(0.0)	0.0	3.5	3.5	(3.5)	0.0	0.0	0.0
14	**FLR Days Equivalent**	49.4	(2.1)	47.2	(12.9)	0.0	34.3	34.3	(34.3)	0.0	0.0	0.0
	OPG Nuclear Facilities Totals											
15	**Unit Capability Factor (%)**	79.7	12.3	92.0	(12.5)	89.4	(9.9)	79.5	(16.6)	62.9	25.7	88.6
16	**PO Days**[1,2]	303.0	(167.7)	135.3	262.2	59.1	338.4	397.5	115.2	512.7	(371.2)	141.5
17	**FEPO Days**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	**FLR (%)**	5.0	(1.4)	3.6	(0.0)	4.3	(0.8)	3.5	(0.6)	2.9	(0.7)	2.2
19	**FLR Days Equivalent**	95.6	(9.8)	85.8	(13.8)	46.8	25.2	72.0	(44.7)	27.3	1.5	28.9
20	**TWh before Adjustments**	30.2	6.7	36.9	(4.4)	21.5	10.9	32.5	(13.8)	18.7	8.0	26.7
21	**OEB/Settlement Adjustments**[3]	0.9	(0.9)	0.0	0.0	0.4	(0.4)	0.0	0.0	0.0	0.0	0.0
22	**TWh including Adjustments**	31.1	5.8	36.9	(4.4)	21.9	10.5	32.5	(13.8)	18.7	8.0	26.7
	DNNP Facilities											
23	**TWh**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	**Unit Capability Factor (%)**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	**PO Days**[2]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	**FEPO Days**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	**FLR (%)**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	**FLR Days Equivalent**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	**Total TWh Including Adjustments**	31.1	5.8	36.9	(4.4)	21.9	10.5	32.5	(13.8)	18.7	8.0	26.7

Line No.	Business Unit	2028 Plan	(c)-(a) Change	2029 Plan	(e)-(c) Change	2030 Plan	(g)-(e) Change	2031 Plan
		(a)	(b)	(c)	(d)	(e)	(f)	(g)
	Darlington NGS							
30	**TWh**	26.7	(1.6)	25.1	1.8	26.8	0.3	27.1
31	**Unit Capability Factor (%)**	88.6	(5.1)	83.5	5.1	88.6	0.1	88.7
32	**PO Days**[1]	141.5	72.7	214.1	(74.9)	139.2	0.0	139.2
33	**Refurb PO Days**	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34	**FEPO Days**	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35	**FLR (%)**	2.2	(0.2)	2.0	(0.0)	2.0	0.0	2.0
36	**FLR Days Equivalent**	28.9	(4.0)	24.9	1.5	26.4	0.0	26.4
	Pickering NGS							
37	**TWh**	0.0	0.0	0.0	0.0	0.0	1.9	1.9
38	**Unit Capability Factor (%)**	0.0	0.0	0.0	0.0	0.0	67.0	67.0
39	**PO Days**[2]	0.0	0.0	0.0	0.0	0.0	55.0	55.0
40	**Refurb PO Days**	1,464.0	(4.0)	1,460.0	0.0	1,460.0	(230.0)	1,230.0
41	**FEPO Days**	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42	**FLR (%)**	0.0	0.0	0.0	0.0	0.0	12.0	12.0
43	**FLR Days Equivalent**	0.0	0.0	0.0	0.0	0.0	21.0	21.0
	OPG Nuclear Facilities Totals							
44	**Unit Capability Factor (%)**	88.6	(5.1)	83.5	5.1	88.6	(2.8)	85.8
45	**PO Days**[1,2]	141.5	72.7	214.1	(74.9)	139.2	55.0	194.2
46	**FEPO Days**	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47	**FLR (%)**	2.2	(0.2)	2.0	0.2	2.2	1.2	3.4
48	**FLR Days Equivalent**	28.9	(4.0)	24.9	1.5	26.4	21.0	47.4
49	**TWh**	26.7	(1.6)	25.1	1.8	26.8	2.1	28.9
	DNNP Facilities							
50	**TWh**	0.0	0.0	0.0	0.5	0.5	1.4	1.9
51	**Unit Capability Factor (%)**	0.0	0.0	0.0	88.0	88.0	(15.3)	72.7
52	**PO Days**	0.0	0.0	0.0	0.0	0.0	64.9	64.9
53	**FEPO Days**	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54	**FLR (%)**	0.0	0.0	0.0	12.0	12.0	(0.6)	11.4
55	**FLR Days Equivalent**	0.0	0.0	0.0	9.1	9.1	25.2	34.3
56	**Total TWh Including Adjustments**	26.7	(1.6)	25.1	2.3	27.3	3.6	30.9

Notes:
1 PO days excludes planned outage days for units out of service during refurbishment.
2 PO days includes staggered shutdown days in 2026.
3 Production Settlement Adjustment Amounts per OPG Settlement Proposal, Filed 20210716, Table 17 - 2022-2026 Settled Production Forecast (TWh), p. 25.