UNDERTAKING JT2.5

Undertaking

TO PROVIDE A BREAKDOWN OF FORECAST AND HISTORICAL SPENDING FROM '16 TO 2026 FOR EACH THE FOUR TYPES OF OUTAGES, REGULAR PLANNED OUTAGES, NON-REFURBISHMENT OUTAGES, WHICH IS ALSO CALLED CYCLICAL OUTAGE, POST-REFURBISHMENT OUTAGE AND VACUUM BUILDING OUTAGE.

Response

The requested breakdowns for each station are provided in Chart 1 below. Non-refurbishment outages, or cyclical outages, reflect costs for various inspection and maintenance activities associated with a planned outage in accordance with OPG's aging and life cycle management programs undertaken during a unit's refurbishment that are in addition to and separate from the refurbishment of the units.

Chart 1

Outage OM&A - Nuclear ($M)

Outage Type	2016 Actual	2017 Actual	2018 Actual	2019 Actual	2020 Actual	2021 Budget	2022 Plan	2023 Plan	2024 Plan	2025 Plan	2026 Plan
Darlington Outages											
Planned Outages	107.8	95.9	105.9	73.6	20.8	184.4	18.4	107.5	3.0	123.2	7.5
Cyclical Outages	7.3	40.2	43.6	32.4	29.1	50.8	66.9	79.5	80.2	52.0	32.5
Post-Refurbishment Outages	0.0	0.0	0.0	0.0	0.0	10.2	4.1	0.1	11.4	16.5	4.6
Vacuum Building Outages[1]	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	16.8
Total Darlington Outages	115.4	136.2	149.5	106.0	49.9	245.4	89.4	187.2	94.7	192.6	61.3
Pickering Outages											
Planned Outages	191.3	146.5	172.8	106.0	173.1	124.6	129.5	157.1	104.0	0.0	0.0
Vacuum Building Outages[2]	0.0	0.0	0.5	5.3	3.3	2.2	27.8	0.3	0.0	0.0	0.0
Total Pickering Outages	191.3	146.5	173.3	111.4	176.4	126.8	157.3	157.4	104.0	0.0	0.0
CRVA Eligible Costs											
Fuel Channel Life Extension Ongoing	0.0	31.6	12.8	22.3	20.3	25.2	29.8	14.5	0.3	0.0	0.0
Pickering Extended Operations Enabling	0.0	3.2	9.3	24.7	47.3	32.5	0.0	0.0	0.0	0.0	0.0
Optimization of Pickering Shutdown Enabling	0.0	0.0	0.0	0.0	0.1	1.2	2.6	2.2	13.5	0.0	0.0
Total CRVA Eligible Costs	0.0	34.8	22.1	46.9	67.6	59.0	32.4	16.7	13.8	0.0	0.0
Total Outage OM&A	306.7	317.4	344.9	264.3	293.9	431.2	279.1	361.2	212.4	192.6	61.3

Notes:
1 Darlington VBO expenditures in 2025-2026 are preplanning activities for the 2027 VBO.
2 Pickering VBO expenditures in 2018-2021 are preplanning and inspection activities for the 2022 VBO.