Niagara-on-the-Lake Hydro Inc. EB-2023-0041 | Exhibit 6 – Revenue Requirement Page 1 of 19 Filed: April 2023



Exhibit 6

Revenue Requirement and Revenue Deficiency or Sufficiency

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2.6.1 Calculation of Revenue Requirement

2 In this exhibit, NOTL Hydro's revenue requirement is being calculated based on the proposed 3 rate base and cost structure. At this point, no account is being taken of NOTL Hydro's proposed rate mitigation (assuming no significant alterations are made to this proposal). The rate mitigation 4 will be dealt with separately in Exhibit 8. 5 6 7 NOTL Hydro has included the following information in this Exhibit: **Determination of Net Income** 8 • Statement of Rate Base 9 • Actual Return on Rate Base 10 • Requested & Indicated Rate of Return 11 • 12 Deficiency or Sufficiency in Revenue • 13 Gross Deficiency or Sufficiency in Revenue • 14 **Determination of Net Income** 15 16

17

Table 6.1: Determination of Net Income

Particulars	Application
Operating Revenues:	
Distribution Revenue (at Proposed Rates)	\$6,725,757
Other Revenue	\$608,681
Total Operating Revenues	\$7,334,438
Operating Expenses:	
OM&A Expenses	\$3,571,884
Depreciation/Amortization	\$1,417,700
Property taxes	\$43,384
Total Operating Expenses	\$5,032,969
Deemed Interest Expense	\$830,536
Total Expenses	\$5,863,504
Utility income before income taxes	\$1,470,933
Income taxes (grossed-up)	\$140,029
Net income	\$1,330,905

1 Statement of Rate Base

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Table 6.2: Statement of Rate Base

	2019	2019	2020	2021	2022	2023	2024
Particulars	Board Appr	Actual	Actual	Actual	Actual	Bridge	Test
Net Capital Assets in Service:							
Opening Balance		26,203,305	26,084,280	29,497,401	30,732,245	30,264,127	32,905,404
Ending Balance		26,084,280	29,497,401	30,732,245	30,264,127	32,905,404	33,466,174
Average Balance	28,311,753	26,143,792	27,790,840	30,114,823	30,498,186	31,584,765	33,185,789
Working Capital Allowance	2,145,223	2,188,969	2,488,316	2,204,021	2,158,894	2,142,595	2,361,874
Total Rate Base	30,456,976	28,332,761	30,279,156	32,318,844	32,657,079	33,727,361	35,547,664

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4 Further details on the determination of rate base can be found in Exhibit 2.

5 Rate of Return

6 NOTL Hydro is requesting a rate of return on rate base of 6.08% and a rate of return on equity of

7 9.36% which is the rate or return indicated in the OEB guidelines. More detail on the requested

- 8 rate of return can be found in Exhibit 5.
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Table 6.3: Rate of Return on Rate Base 2024

Particulars	Capitaliza	ati	on Ratio	Cost Rate	Return
Debt	(%)		(\$)	(%)	(\$)
Long-term Debt	56.0%	\$	19,906,692	3.83%	\$ 762,426
Short-term Debt	4.0%	\$	1,421,907	4.79%	\$ 68,109
Total Debt	60.0%	\$	21,328,598	3.89%	\$ 830,536
Equity					
Common Equity	40.0%	\$	14,219,065	9.36%	\$ 1,330,905
Preferred Shares		\$	-		\$ -
Total Equity	40.0%	\$	14,219,065	9.36%	\$ 1,330,905
Total	100.0%	;	\$35,547,664	6.08%	\$2,161,440

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12 NOTL Hydro's indicated return on rate base for 2019-2022 as well as the forecast bridge and test

13 years are shown below. These varied above and below the approved rate of return on rate base

14 of 5.58%.

								2024 @ 2023
	2019 BA	2019	2020	2021	2022	2023	2024	rates
Operating Revenues								
Distribution Revenues	5,239,066	5,445,443	5,944,166	5,538,823	5,567,735	5,874,919	6,725,757	6,046,134
Other Revenue	482,447	319,680	32,384	836,567	1,542,595	564,121	608,681	608,681
swap MTM	-102,-117	50,364	255,112	(287,094)	(672,909)	504,121	000,001	000,001
Other adjustments		20,915	(21,746)	9,108	166			
Revised other revenue	482,447	390,959	265,750	558,581	869,852	564,121	608,681	608,681
Revised revenue	5,721,514	5,836,403	6,209,916	6,097,404	6,437,587	6,439,040	7,334,438	
OM&A Expenses	2,671,367	2,839,611	2,963,599	3,167,865	3,320,508	3,410,378	3,571,884	3,571,884
Depreciation & Amortization	1,127,484	886,207	1,283,075	1,227,391	1,276,739	1,347,691	1,417,700	1,417,700
Property and Taxes	34,955	35,495	41,701	42,226	42,743	43,384	43,384	43,384
less donations	54,955	(9,260)	(10,860)	(5,797)	(6,003)	43,304	45,504	43,304
Total Costs & Expenses	3,833,805	3,752,054	4,277,516	4,431,686	4,633,987	4,801,453	5,032,969	5,032,969
	0,000,000	0,702,004	4,211,010	4,401,000	4,000,001	4,001,400	0,002,000	0,002,000
Interest Expenses (Actual and Deemed)	697,830	452,494	382,042	407,631	521,728	744,565	830,536	830,536
Interest on deferral accounts		19,347	(105,953)	1,452	9,880			
Adj to deemed interest		158,302	257,589	338,374	236,413			
Revised interest	697,830	630,144	533,678	747,458	768,021	744,565	830,536	830,536
Total Expenses	4,531,636	4,382,197	4,811,194	5,179,145	5,402,008	5,546,018	5,863,504	5,863,504
Utility Income before Income Taxes / PILs	1,189,878	1,454,205	1,398,722	918,260	1,035,580	893,022	1,470,933	791,310
PILs / Income Taxes	95,863	137,437	(358,781)	231,088	275,901	166,231	140,029	-
Reverse PILS		(137,437)	358,781	(231,088)	(275,901)			
Revised PILS	95,863	(38,574)	236,274	34,429	(113,213)	166,231	140,029	-
Utility Income	1,094,015	1,492,779	1,162,449	883,831	1,148,793	726,791	1,330,905	791,310
Utility Income	1,094,015	1,492,779	1,162,449	883,831	1,148,793	726,791	1,330,905	791,310
Utility Rate Base	30,456,976	25,947,551	29,083,502	32,318,916	32,657,079	33,727,361	35,547,664	,
Deemed Equity Portion of Rate Base	12,182,791	10,379,020	11,633,401	12,927,566	13,062,832	13,490,944	14,219,065	
Income/(Equity Portion of Rate Base)	8.98%	14.38%	9.99%	6.84%	8.79%	5.39%	9.36%	
Indicated Rate of Return	5.88%	8.18%	5.83%	5.05%	5.87%	4.36%	6.08%	4.56%
Approved Rate of Return	5.88%	5.88%	5.88%	5.88%	5.88%	5.88%	6.08%	6.08%
Sufficiency / (Deficiency) in Return	0.00%	2.30%	(0.05%)	(0.84%)	(0.01%)	(1.52%)	0.00%	(1.52%
Net Revenue Sufficiency / (Deficiency)		596,376	(14,914)	(270,097)	(4,468)	(512,892)		(539,594

Table 6.4: Historical Indicated Returns on Rate Base

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3 Revenue Sufficiency / (Deficiency)

4 NOTL Hydro's Projected revenue for 2023 at current 2023 rates is provided in the table below.

2023 Rates at 2023 Load			Bridge Year	Projected Revenue	from Existing Variat	ole Charges		
Customer Class Name	Variable Distribution Rate	per	Bridge Year Volume	Gross Variable Revenue	Transform. Allowance Rate	Transform. Allowance kW's	Transform. Allowance \$'s	Net Variable Revenue
Residential	\$0.0000	kWh	78,769,365	\$0.00	\$0.0000		\$0	\$0
General Service < 50 kW	\$0.0129	kWh	44,812,686	\$578,083.65	\$0.0000		\$0	\$578,084
General Service > 50 kW	\$2.6057	kW	218,199	\$568,561.06	(\$0.5600)	28,940	(\$16,207)	\$552,355
Large User	\$2.6057	kW	30,000	\$78,171.00	(\$0.5600)	30,000	(\$16,800)	\$61,371
Unmetered Scattered Load	\$0.0060	kWh	379,083	\$2,274.50	\$0.0000		\$0	\$2,275
Street Lighting	\$1.9144	kW	1,572	\$3,009.44	\$0.0000		\$0	\$3,009
Total Variable Revenue				\$1,230,099.65		58,940	(\$33,007)	\$1,197,093
2023 Rates at 2023 Load			Bridge Yea	r Projected Revenue	e from Existing Fixe	d Charges		
Customer Class Name	Fixed Rate	Customers (Connections)	Fixed Charge Revenue	Variable Revenue	TOTAL	% Fixed Revenue	% Variable Revenue	% Total Revenue
Residential	\$31.9700	8,282	\$3,177,450.35	\$0.00	\$3,177,450.35	100.00%		52.55%
General Service < 50 kW	\$43.5600	1,487	\$777,023.28	\$578,083.65	\$1,355,106.93	57.34%	42.66%	22.41%
General Service > 50 kW	\$311.3100	125	\$466,965.00	\$552,354.50	\$1,019,319.50	45.81%	54.19%	16.86%
Large User	\$4,080.9900	1	\$24,485.94	\$61,371.00	\$85,856.94	28.52%	71.48%	1.42%
Unmetered Scattered Load	\$23.4300	60	\$16,869.60	\$2,274.50	\$19,144.10	88.12%	11.88%	0.32%
Street Lighting	\$7.9500	2,254	\$215,031.60	\$3,009.44	\$218,041.04	98.62%	1.38%	3.61%
Total Fixed Revenue		12.208	\$4,677,825.77	\$1,197,093.09	\$5,874,918.86			

Table 6.5: Projected Bridge Year Distribution Revenue

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The following two tables show the revenue for 2024 using both current 2023 rates and proposed rates. The difference of \$679,623 is equal to the net revenue deficiency. The adjustments to

5 taxable income result in a zero-dollar amount for PILs At Current Approved Rates calculation in

6 the Revenue Requirement Workform tab 8 which shows the net deficiency as \$539,662. The

- 7 difference being the PILs amount of \$140,029.
- 8 9

Table 6.6: Projected Test Year Distribution Revenue at Current Rates

2023 Rates at 2024 Load			Test Year P	rojected Revenue fr	om Existing Variabl	e Charges		
Customer Class Name	Variable Distribution Rate	per	Test Year Volume	Gross Variable Revenue	Transform. Allowance Rate	Transform. Allowance kW's	Transform. Allowance \$'s	Net Variable Revenue
Residential	\$0.0000	kWh	79,654,824	\$0			\$0	\$0
General Service < 50 kW	\$0.0129	kWh	45,316,433	\$584,582			\$0	\$584,582
General Service > 50 kW	\$2.6057	kW	221,036	\$575,952	(\$0.5600)	28,940	(\$16,207)	\$559,746
Large User	\$2.6057	kW	60,000	\$156,342	(\$0.5600)	60,000	(\$33,600)	\$122,742
Unmetered Scattered Load	\$0.0060	kWh	379,083	\$2,275			\$0	\$2,275
Street Lighting	\$1.9144	kW	1,572	\$3,009			\$0	\$3,009
Total Variable Revenue				\$1,322,160		88,940	(\$49,807)	\$1,272,354
2023 Rates at 2024 Load	-		Test Year	Projected Revenue	from Existing Fixed	Charges		
Customer Class Name	Fixed Rate	Customers (Connections)	Fixed Charge Revenue	Variable Revenue	TOTAL	% Fixed Revenue	% Variable Revenue	% Total Revenue
Residential	\$31.97	8,404	\$3,224,030.64	\$0.00	\$3,224,030.64	100.00%	0.00%	53.32%
General Service < 50 kW	\$43.56	1,523	\$795,841.20	\$584,581.99	\$1,380,423.19	57.65%	42.35%	22.83%
General Service > 50 kW	\$311.31	127	\$473,035.55	\$559,745.80	\$1,032,781.34	45.80%	54.20%	17.08%
Large User	\$4,080.99	1	\$48,971.88	\$122,742.00	\$171,713.88	28.52%	71.48%	2.84%
Unmetered Scattered Load	\$23.43	60	\$16,869.60	\$2,274.50	\$19,144.10	88.12%	11.88%	0.32%
Street Lighting	\$7.95	2,254	\$215,031.60	\$3,009.44	\$218,041.04	98.62%	1.38%	3.61%
Total Fixed Revenue		12,368	\$4,773,780.46	\$1,272,353.72	\$6,046,134.18			

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2024 Rates at 2024 Load			Test Year Pr	ojected Revenue fro	om Proposed Variab	le Charges		
Customer Class Name	Variable Distribution Rate	per	Test Year Volume	Gross Variable Revenue	Transform. Allowance Rate	Transform. Allowance kW's	Transform. Allowance \$'s	Net Variable Revenue
Residential	\$0.0000	kWh	79,654,824	\$0.00			\$0	\$0
General Service < 50 kW	\$0.0144	kWh	45,316,433	\$650,292.62			\$0	\$650,293
General Service > 50 kW	\$2.8904	kW	221,036	\$638,871.24	(\$0.5600)	28,940	(\$16,207)	\$622,665
Large User	\$2.8356	kW	60,000	\$170,138.96	(\$0.5600)	60,000	(\$33,600)	\$136,539
Unmetered Scattered Load	\$0.0067	kWh	379,083	\$2,530.17			\$0	\$2,530
Street Lighting	\$2.1296	kW	1,572	\$3,347.72			\$0	\$3,348
Total Variable Revenue				\$1,465,180.71		88,940	(\$49,807)	\$1,415,374
2024 Rates at 2024 Load			Test Year I	Projected Revenue	from Proposed Fixe	d Charges		
Customer Class Name	Fixed Rate	Customers (Connections)	Fixed Charge Revenue	Variable Revenue	TOTAL	% Fixed Revenue	% Variable Revenue	% Total Revenue
Residential	\$35.56	8,404	\$3,586,431.62	\$0.00	\$3,586,431.62	100.00%	0.00%	53.32%
General Service < 50 kW	\$48.46	1,523	\$885,298.67	\$650,292.62	\$1,535,591.30	57.65%	42.35%	22.83%
General Service > 50 kW	\$346.30	127	\$526,207.67	\$622,664.69	\$1,148,872.35	45.80%	54.20%	17.08%
Large User	\$4,539.72	1	\$54,476.62	\$136,538.96	\$191,015.58	28.52%	71.48%	2.84%
Unmetered Scattered Load	\$26.06	60	\$18,765.85	\$2,530.17	\$21,296.02	88.12%	11.88%	0.32%
Street Lighting	\$8.84	2,254	\$239,202.48	\$3,347.72	\$242,550.20	98.62%	1.38%	3.61%
Total Fixed Revenue		12,368	\$5,310,382.91	\$1,415,374.15	\$6,725,757.07			

Table 6.7: Projected Test Year Distribution Revenue at Proposed Rates

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4 Based on these revenue projections above, the proposed net income and the net income if rates

5 were left at current levels can be compared.

6

Dertieulere	Test Year at	Test Year at
Particulars	Proposed Rates	Current Rates
Operating Revenues:		
Distribution Revenue (at Proposed Rates)	\$6,725,757	\$6,046,134
Other Revenue	\$608,681	\$608,681
Total Operating Revenues	\$7,334,438	\$6,654,815
Operating Expenses:		
OM&A Expenses	\$3,571,884	\$3,571,884
Depreciation/Amortization	\$1,417,700	\$1,417,700
Property taxes	\$43,384	\$43,384
Total Operating Expenses	\$5,032,969	\$5,032,969
Deemed Interest Expense	\$830,536	\$830,536
Total Expenses	\$5,863,504	\$5,863,504
Utility income before income taxes	\$1,470,933	\$791,310
Income taxes (grossed-up)	\$140,029	\$0
Net income	\$1,330,905	\$791,310
Net Revenue Deficiency (RRWF)	\$539,594	
Net Revenue Deficiency (remove PILs difference of \$140,029)	\$679,623	

Table 6.8: Net Income at Current and Proposed Rates

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The drivers of the revenue deficiency are set out below. NOTL Hydro compared the revenue requirement, based on actual expenditures, with actual distribution revenue. As NOTL Hydro has had only IRM adjustments to its rates the actual distribution revenue would have only increased with inflationary rate increases and growth from 2019-2023.

Driver	Explanation	Impact
Inflation	The deficiency is determined by comparing the 2024 load at current (2023) and projected rates. In an IRM year the current rates would be increased by the rate of inflation less NOTL Hydro's productivity factor. A rate of 4.85% has been used as the estimate for 2024 inflation using the OEB methodology.	\$293,238
Return on Capital	The weighted average rate of return is proposed to increase from 5.88% to 6.08%	71,339
PILs	PILs has increased above the rate of inflation.	24,083
Newly required costs These are costs that have increased to meet regulatory and legrequirements. These include smart MIST meters and relative reporting, locates, cyber security, customer billing, control room and station maintenance. More detailed explanations are provided Exhibit 6.		227,920
Other expenses less growth	Costs have also increased for a number of other reasons. Some costs have had increases well above the rate of inflation (insurance, benefits, billing supplies), others have been due to choices by NOTL Hydro to provide better service (GIS analyst, underground services) and some have been due to the loss of cost offsets (CDM, AFT). Offsetting all of these increased costs has been the benefit of growth.	63,043
Gross Deficiency		\$679,623

Table 6.9: Revenue Deficiency Drivers

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3 There were no changes in methodologies or accounting policies having an impact on the 4 determination of the revenue deficiency.

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6 The Revenue Requirement Work Form (RRWF) has been included as Appendix A.

2.6.2 Payment in Lieu of Taxes and Property Taxes

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3 2.6.2.1 Income Taxes of PILS

5 The table below provides the tax rates used in the determination of PILs.

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	2019	2019	2020	2021	2022	2023	2024
Tax Rates	Board Appr	Actual	Actual	Actual	Actual	Bridge	Test
Effective Date	2019-01-01	2019-01-01	2020-01-01	2020-01-01	2020-01-02	2020-01-02	2020-01-03
Federal income tax							
General corporate rate	38.00%	38.00%	38.00%	38.00%	38.00%	38.00%	38.00%
Federal tax abatement	(10.00%)	(10.00%)	(10.00%)	(10.00%)	(10.00%)	(10.00%)	(10.00%)
Adjusted federal rate	28.00%	28.00%	28.00%	28.00%	28.00%	28.00%	28.00%
Rate reduction	(13.00%)	(13.00%)	(13.00%)	(13.00%)	(13.00%)	(13.00%)	(13.00%)
	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%
Ontario income tax	11.50%	11.50%	11.50%	11.50%	11.50%	11.50%	11.50%
Combined federal and Ontario	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%
Effective tax rate	26.50%	26.50%	26.50%	26.50%	26.50%	24.16%	24.33%
Federal & Ontario Small Business							
Federal small business threshold	500,000	500,000	500,000	500,000	500,000	500,000	500,000
Ontario Small Business Threshold	500,000	500,000	500,000	500,000	500,000	500,000	500,000
Federal small business rate	10.00%	10.00%	9.00%	9.00%	9.00%	9.00%	9.00%
Ontario small business rate	3.50%	3.50%	3.20%	3.20%	3.20%	3.20%	3.20%

Table 6.10: Corporate tax Rates

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10 The table below provides the calculation of taxable income. NOTL Hydro pays an annual

11 dividend to Niagara-on-the-Lake Energy. The dividend is paid on an after-tax basis and

12 therefore has no tax impact.

13

14 NOTL Hydro's 2022 tax returns are required to be filed by June 30, 2023. As such they have

15 not been finalized by NOTL Hydro tax advisors as of the date of filing of this Cost of Service

16 application. When the finalized tax returns have been received and filed with the Ministry of

17 Finance they will also be filed as an addendum to this application.

	T2 S1 line #	2019BA	2019	2020	2021	2022	2023	2024
Amount calculated on line 9999 from Schedule 125		1,094,015	1,413,879	1,664,912	1,299,187	1,672,713	1,262,752	1,330,905
Provison for income taxes - current	101	-	388,116	268,399	437,662	511.395		
Provision for income taxes - deferred	102	-	-		,	(235,495)		
Income/(Loss) before PILs/Taxes (Accounting) ¹		1,094,015	1,801,995	1,933,311	1,736,849	1,948,613	1,262,752	1,330,905
Additions:								
Interest and penalties on taxes	103		3	3,778	-	-	-	-
Amortization of tangible assets	104	1.240.733	1.029.633	1.043.226	1.227.391	1.276.739	1.347.691	1.417.700
Gain on sale of eligible capital property from Schedule 10	108	, , , , ,				27,515		, , ,
Loss on disposal of assets	111		46,711	39,080	21,432	24,457	84,457	24,457
Charitable donations	112		6,500	10,860	4,797	5,003	-	-
Non-deductible club dues and fees	120				1,000			
Non-deductible meals and entertainment expense	121	1,789	1,347	704	918	852	852	852
Reserves from financial statements- balance at end of year	126	630,204	568,809	616,613	653,973	526,482	533,449	547,943
Other Additions:								
Customer Deposits 12(1)(a)		377,590	654,371	655.826	595,987	-	-	
Tax included in net movement in reg balances		-	-	1,096,047	000,001			
Capital Contibutions Received 12(1)(x)		787,136	1,539,628	293,079	656,519	609,776	1,250,028	575,000
Amoritization of ICM asset		101,100	1,000,020	53,565	000,010	-	1,200,020	
Miscellaneous other additions	296	1,164,726	2,193,999	2,098,517	1,252,506	609,776	1,250,028	575,000
Total Additions	200	3,037,452	3,847,002	3,812,778	3,162,017	2,470,824	3,216,477	2,565,952
Deductions:								
Gain on disposal of assets per financial statements	401			7,796	13,136	66,082	-	-
Capital cost allowance from Schedule 8	403	1,983,602	1.768.061	1.840.568	1,983,194	1,962,922	2.008.708	2.161.523
Reserves from financial statements - balance at			1	1			1	1 - 1
beginning of year	414	601,740	530,608	568,809	616,613	653,973	526,482	533,449
Unrealized gain on deriviatives (4340)			7,223			-	-	-
Customer Deposits 20(1)(m)		377,590	654,371	655,826	595,987	-	-	-
Amortization of deferred capital contributions		115,513	100,645	123,958	139,925	154,856	172,243	191,425
Adjustment for regulatory assets			366,075		377,602	1,400,352		
Capital contributions received		787,136	1,539,628	293,079	656,519	609,776	1,250,028	575,000
Tax inlcuded in regulatory balances			250,679	627,180	206,574	-	-	-
Remeasurement of post-employment benefits			-	14,669		-	-	-
ICM Proceeds in P&L				729,258		-	-	-
Miscellaneous other deductions	396	1,280,239	2,918,621	2,443,970	1,976,607	2,164,984	1,422,271	766,425
Total Deductions		3,865,581	5,217,290	4,861,143	4,589,550	4,847,961	3,957,461	3,461,397
NET INCOME (LOSS) FOR TAX PURPOSES		265,885	431,707	884,946	309,316	(428,524)	521,768	435,460
Charitable donations from Schedule 2	311		11,754	10,860	4,797	_	_	-
TAXABLE INCOME (LOSS)	1 1	265.885	419.953	874,086	304,519	(428,524)	521.768	435,460

Table 6.11: Taxable Income Calculation

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4 The following is the source of the data in the taxable income calculation for the bridge and test

5 years:

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- Net Income As calculated for NOTL Hydro's capital structure in Exhibit 5
- **Amortization of Tangible assets** From the fixed asset continuity schedule in Exhibit 2
 - Loss on Disposal of Assets From the fixed asset continuity schedule in Exhibit 2
- Charitable Donations excluded from OM&A so not needed to deduct
- **Meals and Entertainment** estimated based on historical deductions
- Reserves from Financial Statements NOTL Hydro has only two reserves as shown
 below; the reserve for bad debts and the reserve for post-employment benefits.
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	201	2019BA		2019		2020		2021		22	20	23	20)24
	Changes	Year end	Changes	Year end	Changes	Year end	Changes	Year end						
	(+/-)	balance	(+/-)	balance	(+/-)	balance	(+/-)	balance	(+/-)	balance	(+/-)	balance	(+/-)	balance
Accounting Reserves not deducted for tax														
purposes:														
General reserve for bad debts		95,418	9,737	34,023	4,702	38,725	325	39,050	950	40,000	-	40,000	-	40,000
Other Post-Employment Benefits		534,786	28,464	534,786	43,102	577,888	37,035	614,923	(128,441)	486,482	6,967	493,449	14,494	507,943
TOTAL	-	630,204	38,201	568,809	47,804	616,613	37,360	653,973	(127,491)	526,482	6,967	533,449	14,494	547,943
TOTAL RESERVES	-	630.204	38,201	568,809	47.804	616.613	37,360	653,973	(127,491)	526,482	6.967	533,449	14.494	547,943

Table 6.12: Financial Statement Reserves

• Capital Contributions – these are both added and subtracted

- Amortization of Deferred Capital Contributions From the fixed asset continuity
- schedule in Exhibit 2
 - Capital Cost Allowance As per the calculations below:

Table 6.13: 2023 CCA Calculation

		2023													
Class	Class Description	UCC Beginning of Year	Additions	Proceeds of Disposition	-	C Before 1/2 Adjustment	1	1/2 Year Rule {1/2 Additions Less Disposals}	F	Reduced UCC	Rate %	Br	idge Year CCA		ICC End of ridge Year
1	Distribution System - post 1987	6,672,580	0.00	0.00	\$	6,672,580	\$	-	\$	6,672,580	4%	\$	266,903	\$	6,405,677
1b	Non-residential Buildings Reg. 1100(1)(a.1) election	447,884	500,000.00	0.00	\$	947,884	\$	250,000	\$	697,884	6%	\$	41,873	\$	906,011
2	Distribution System - pre 1988	1,804,344	0.00	0.00	\$	1,804,344	\$	-	\$	1,804,344	6%	\$	108,261	\$	1,696,083
6	Fencing	1,279	0.00	0.00	\$	1,279	\$	-	\$	1,279	10%	\$	128	\$	1,151
8	General Office/Stores Equip/Smart Grid	402,456	12,000.00	0.00	\$	414,456	\$	6,000	\$	408,456	20%	\$	81,691	\$	332,765
10	Vehicles	203,197	463,000.00	0.00	\$	666,197	\$	231,500	\$	434,697	30%	\$	130,409	\$	535,788
10.1	Certain Automobiles	51,721	0.00	0.00	\$	51,721	\$	-	\$	51,721	30%	\$	15,516	\$	36,205
17	New Electrical Generating Equipment Acq'd after Feb 27/00 Other Than Bldgs	10,981	0.00	0.00	\$	10,981	\$	-	\$	10,981	8%	\$	878	\$	10,103
45	Computers & Systems Software acq'd post Mar 22/04	41	0.00	0.00	\$	41	\$	-	\$	41	45%	\$	18	\$	22
47	Distribution System - post February 2005	15,031,491	3,029,499.79	0.00	\$	18,060,991	\$	1,514,750	\$	16,546,241	8%	\$	1,323,699	\$	16,737,292
50	Computer Hardware	60,323	21,497.00	0.00	\$	81,820	\$	10,749	\$	71,071	55%	\$	39,089	\$	42,731
14.1	Goodwill	4,835	0.00	0.00	\$	4,835	\$		\$	4,835	5%	\$	242	\$	4,593
	SUB-TOTAL - UCC	\$ 24,691,132	\$ 4,025,997	\$-	\$	28,717,129	\$	2,012,998	\$:	26,704,130		\$	2,008,708	\$	26,708,420

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Table 6.14: 2024 CCA Calculation

							2024							
Class	Class Description	UCC Beginning of Year	Additions	Disposals (Negative)	CC Before 1/2 Yr djustment	R	I/2 Year Rule {1/2 Idditions Less isposals}	Re	duced UCC	Rate %	1	Fest Year CCA	-	CC End of Test Year
1	Distribution System - post 1987	6,405,677	0.00	0.00	\$ 6,405,677	\$	-	\$	6,405,677	4%	\$	256,227	\$	6,149,450
1b	Non-residential Buildings Reg. 1100(1)(a.1) election	906,011	13,441.00	0.00	\$ 919,452	\$	6,721	\$	912,731	6%	\$	54,764	\$	864,688
2	Distribution System - pre 1988	1,696,083	0.00	0.00	\$ 1,696,083	Ş	-	\$	1,696,083	6%	\$	101,765	\$	1,594,318
6	Fencing	1,151	0.00	0.00	\$ 1,151	\$	-	\$	1,151	10%	\$	115	\$	1,036
8	General Office/Stores Equip/Smart Grid	332,765	12,000.00	0.00	\$ 344,765	Ş	6,000	\$	338,765	20%	\$	67,753	\$	277,012
10	Vehicles	535,788	455,000.00	0.00	\$ 990,788	\$	227,500	\$	763,288	30%	\$	228,986	\$	761,801
10.1	Certain Automobiles	36,205	0.00	0.00	\$ 36,205	Ş	-	\$	36,205	30%	\$	10,861	\$	25,343
17	New Electrical Generating Equipment Acq'd after Feb 27/00 Other Than Bldgs	10,103	0.00	0.00	\$ 10,103	\$	-	\$	10,103	8%	\$	808	\$	9,294
45	Computers & Systems Software acq'd post Mar 22/04	22	0.00	0.00	\$ 22	\$	-	\$	22	45%	\$	10	\$	12
47	Distribution System - post February 2005	16,737,292		0.00	18,157,292			\$	17,447,292	8%			\$	16,761,509
50	Computer Hardware	42,731	75,337.00	0.00	118,068		37,669	\$	80,399	55%	\$	44,220	\$	73,848
14.1	Goodwill	4,593	0.00	0.00	\$ 4,593	\$	-	\$	4,593	5%	\$	230	\$	4,364
	SUB-TOTAL - UCC	\$ 26,708,420	\$ 1,975,778	\$-	\$ 28,684,198	\$	987,889	\$	27,696,309		\$	2,161,523	\$	26,522,676

12 13

- Based on the corporate federal and provincial tax rates and the taxable income, the income tax
- 15 expense is calculated

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		2019		20	40	20	20	20	24	~)22	20	22	20	24
		2015	DA	20	19	20	20	20	21	21	22	20.	23	20	24
Regulatory Taxable Incor	ne		265,885		419,953		874.086		304.519		(428, 524)		521.768		435,460
Regulatory raxable mooi					,						(,)				
Ontario Income Taxes		1													
Income tax payable	Ontario Income Tax	11.50%	30,577	11.50%	48,295	11.50%	100,520	11.50%	35,020	11.50%	0	11.50%	60,003	11.50%	50,078
	-														
Small business credit															
	Ontario Small Business Threshold														í
	Rate reduction	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0
Ontario Income tax					48,295		100,520		35,020		0		60,003		50,078
Combined Tax Rate and	PILs														
	Effective Ontario Tax Rate	11.50%		11.50%		11.50%		11.50%		11.50%					
	Federal tax rate	15.00%		15.00%		15.00%		15.00%		15.00%					
	Combined tax rate	26.50%		26.50%		26.50%		26.50%		26.50%		24.16%		24.33%	
Total Income Taxes			70,460		111,288		231,633		80,698		(113,559)		126,064		105,957
Investment Tax Credits			0		0		0		0		0		0		C C
Miscellaneous Tax Cred	dits														í
Total Tax Credits			0		0		0		0		0		0		0
Corporate PILs/Income Ta	ax Provision		70,460		111,288		231,633		80,698		0		126,064		105,957
Corporate PILs/Income Tax	Provision Gross Up	73.50%	25,404	73.50%	40,124	73.50%	83,514	73.50%	29,095	73.50%	0	75.84%	40,162	75.67%	34,072
															1
Income Tax (grossed-up)			95,863		151,412		315,147		109,793		0		166,226		140,029

Table 6.15: Income Tax Expense

2 3

4 Accelerated CCA

As the filing guidelines note, in June 2019 the federal government introduced the Accelerated
Investment Incentive Program (AIIP) which is an optional program that provides for higher CCA
deductions on new capital investments.

8

9 NOTL Hydro reviewed this program with its Board of Directors and decided not to opt into the program. The reason for this was one of fairness to ratepayers. NOTL Hydro is allowed to include expected current taxes or amounts estimated to be payable in its rates. Current ratepayers therefore benefit from any actions that defer taxes such as this program. However, NOTL Hydro makes its investments not just for ratepayers today but for ratepayers many decades in the future. To the extent that accelerated tax deferrals are achieved today, at some point these taxes will still have to be paid and that obligation will fall on future ratepayers.

NOTL Hydro realizes that there is a degree of arbitrariness about this. Most CCA rates are faster than the depreciation rates used by LDCs so that this deferral is happening anyway. Also, as long as LDCs continue to invest in their infrastructure the tax deferral from the new spending will offset the reversals of the previous deferrals. Given that this particular deferral was optional and that we cannot forecast what the expenditure demands of LDCs will be decades from now, NOTL Hydro felt that not utilizing this program was fairer to future rate payers.

1 **2.6.2.2 Other Taxes**

2 NOTL Hydro owns the property at its office, the property at its two transformation stations and the

property of one former distribution station. The increase in property taxes of 24% is summarized
below.

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- 5
- 6

Table 6.16: Property Tax Expense

		2019BA	2019	2020	2021	2022	2023	2024
7	Property Taxes	\$34,955	\$35,495	\$41,701	\$42,226	\$42,743	\$43,384	\$43,384
'								

8

9 NOTL Hydro is not subject to any other taxes other than property taxes for the purpose of this10 application.

11

12 2.6.2.3 Non-recoverable and Disallowed Expenses

NOTL Hydro does not make political donations but does contribute to the United Way by matching
 the contributions of employees. These donations have not been included in OM&A and so are
 therefore also excluded from the calculation of regulatory tax.

17 2.6.3 Other Revenue

18 Total Other Revenue

19 Other Distribution Revenues are revenues that are distribution related but are sourced from 20 means other than distribution rates.

21

22 Other Distribution Revenues is broken down into the following categories:

- Specific Service Charges
- Late Payment Charges
- Other Distribution Revenues
- Other Income and Expenses
- 27
- 28

Table 6.17: Other Revenue Summary

Reporting Basis	MIFRS	MIFRS	MIFRS	MIFRS	MIFRS	MIFRS	MIFRS
	2019	2019	2020	2021	2022	2023	2024
USoA Description	Board Appr	Actual	Actual	Actual	Actual	Bridge	Test
Specific Service Charges	63,854.49	113,058.94	89,160.94	85,565.01	151,167.80	97,099.40	97,654.40
Late Payment Charges	54,283.84	49,816.77	16,564.08	34,255.46	33,156.04	33,156.04	33,156.04
Other Distribution/Operating Revenues	313,375.16	266,673.92	312,799.98	344,945.16	370,105.92	410,861.12	394,865.98
Other Income or Deductions	50,934.01	(145,294.9)	(253,263.6)	365,092.97	988,165.49	23,004.09	83,004.09
Total	482,447.50	284,254.69	165,261.42	829,858.60	1,542,595.25	564,120.65	608,680.5

1 Specific Service Charges

- 2 A detailed breakdown of Specific Service Charges is shown in the table below.
- 3

Specific Service Charges	2019 BA	2019	2020	2021	2022	2023	2024
Misc Revenue - microFIT service charge	17,160.00	14,601.60	17,349.41	17,726.34	17,301.97	17,520.00	17,520.00
Misc Revenue Stale Dated Cheques	0.00	396.06	0.00	222.42	4,535.83	0.00	0.00
Misc Rev Suppliers Dicounts	148.51	1,294.55	983.70	482.68	1,171.20	1,171.20	1,171.20
FIT charge	3,310.44	5,280.94	5,214.86	5,359.03	5,500.52	5,749.92	5,749.92
Arrears Certificate	685.39	600.00	926.54	564.81	255.00	255.00	255.00
Easement Letter	67.50	15.00	90.00	135.00	135.00	135.00	135.00
Account history	260.00	270.00	240.00	105.00	105.00	105.00	105.00
Credit reference/credit check (plus credit agency costs)	896.03	375.00	510.00	360.00	330.00	330.00	330.00
Returned Cheque charge (plus bank charges)	1,158.09	1,035.00	1,080.00	795.00	615.00	615.00	615.00
Account set up charge / change of occupancy charge	31,522.50	24,510.00	30,840.00	35,130.00	29,040.00	29,040.00	29,040.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	0.00	30.00	0.00	0.00	0.00	0.00	0.00
Reconnection at meter - during regular hours	3,472.98	1,960.00	2,250.00	1,425.00	1,615.00	1,615.00	1,955.00
Reconnection at pole - after regular hours	555.00	555.00	185.00	0.00	555.00	555.00	675.00
Miscellaneous Revenue Customer Premises		61,472.49	28,537.07	22,280.54	88,697.68	38,697.68	38,697.68
Markup	4,603.06	663.30	954.36	979.19	990.60	990.60	990.60
Total Specific Service Charges	63,854.49	113,058.94	89,160.94	85,565.01	151,167.80	97,099.40	97,654.4

5 Most specific service charges are driven by customer activity so NOTL Hydro has little control 6 over service volumes. Nevertheless, volumes of most charges are consistent from year to year

7 and that is reflected in the forecast revenues for 2023 and 2024.

8

4

One exception is miscellaneous revenue customer premises. This varies considerably from year to year as includes larger non-capital jobs for other utility businesses. For instance, in 2022, NOTL Hydro performed \$10k of underground services for Bell with their broadband expansion and \$40k for CNP to assist them in recovering from their ice storm in Fort Erie and Port Colborne just after Christmas. Neither of these projects is likely to repeat and that has been reflected in the projected revenue.

17 the generic OEB charge for this service and was approved in the 2019 Cost of Service application

18 EB-2018-0056. NOTL Hydro is maintaining the approved \$10 charge in its service charge rates

- 19 for approval.
- 20

21 Late Payment Charges

22

Table 6.19: Late Payment Charges

		2019 BA	2019	2020	2021	2022	2023	2024
23	Total Late Payment Charges	\$54,283.84	\$49,816.77	\$16,564.08	\$34,255.46	\$33,156.04	\$33,156.04	\$33,156.04

Late payment charge revenue is relatively stable and has been forecast to remain at 2022 levels.

1 Other Distribution Revenue

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Table 6.20: Other Distribution Revenue

	2019 BA	2019	2020	2021	2022	2023	2024
Retailer Service Agreement monthly fixed charge (per retailer)	\$14,199.20	9,852.00	10,641.84	11,111.72	12,082.48	12,082.48	12,082.48
Service Transaction Request	\$78.50	103.75	133.87	104.52	42.41	42.41	42.41
Standard Supply Service Administrative Charge - Residential	\$24,457.13	24,124.39	24,450.11	24,503.65	24,770.90	25,181.38	25,181.38
Standard Supply Service Administrative Charge - USL	\$78.00	80.19	80.87	83.33	160.38	154.50	154.50
Standard Supply Service Administrative Charge - Streetlights	\$15.00	15.25	15.30	15.25	15.25	15.00	15.00
Standard Supply Service Administrative Charge - GS<50	\$4,025.00	3,874.28	3,976.34	4,133.67	4,136.16	4,396.50	4,396.50
Standard Supply Service Administrative Charge - GS>50	\$393.00	311.92	310.03	307.30	319.65	381.00	381.00
Standard Supply Service Administrative Charge - Large User	\$3.00	2.05	3.06	3.05	1.51	0.00	0.00
Specific Charge for Access to the Power Poles – per pole/year	\$147,578.31	120,479.66	145,888.51	154,349.29	162,580.17	185,253.50	150,076.15
ROOM RENTAL P.O.P. SITE	\$4,234.75	4,385.27	541.87	4,208.13	4,911.50	4,911.50	4,911.50
ROOF RENTAL FIT	\$2,800.00	2,800.00	2,800.00	2,800.00	2,800.00	2,800.00	2,800.00
RENT FROM SMALL CELL ANTENNAS	\$0.00	0.00	0.00	3,400.00	3,400.00	3,400.00	3,400.00
Deferred Revenue Recognized (IFRS)	\$115,513.28	100,645.16	123,958.18	139,925.25	154,885.51	172,242.85	191,425.06
Total Other Distribution Revenues excluding 4080	313,375.16	266,673.92	312,799.98	344,945.16	370,105.92	410,861.12	394,865.98

4 5

6 Other distribution revenues are stable on a year-to-year basis with two exceptions.

7

Pole rental revenue is forecast to drop in 2024 by \$30k. This reflects the reduction in the OEB approved pole rental rate to \$34.76 in 2022 from \$44.50. Though NOTL Hydro reduced the rate it charged its telecom pole attachment customers, NOTL Hydro was allowed to continue to book the full revenue through the use of a variance account until the next rebasing. In 2024, the use

12 of that variance account will cease.

13

The Recognition of Deferred Revenue is also increasing each year. Customer contributions to capital projects are booked to the Deferred Revenue account and amortized at the same rate as

16 the corresponding asset. This balance is expected to grow with continued customer activity.

17

18 Other Income and Expenses

19

Table 6.21: Other Income and Expenses

	Total	Total	Total	Total	Total	Total	Total
	2019 BA	2019	2020	2021	2022	2023	2024
Other Income and Expenses							
REGULATORY DEBIT	\$0.00	(\$29,603.89)	(\$50,387.66)	(\$13,692.15)	(\$7,213.03)	\$0.00	\$0.00
REGULATORY CREDIT	\$0.00	\$0.00	\$0.00	\$0.00	\$130,925.93	\$0.00	\$0.00
4305 CGAAP Accounting Changes	\$0.00	(\$89,992.58)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
SPECIAL PURPOSE RECOVERY CHARGE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
REVENUE FROM JOBS	\$37,213.35	\$62,360.46	\$48,450.08	\$98,761.36	\$111,199.59	\$82,705.10	\$82,705.10
PROFIT/LOSS ON INVESTMENT	\$0.00	(\$50,364.00)	(\$255,112.00)	\$287,094.00	\$672,909.00	\$0.00	\$0.00
GAIN ON DISP OF PROPERTY	\$0.00	\$15,000.00	\$950.00	\$2,000.00	\$60,690.13	\$0.00	\$0.00
LOSS ON DISPOSAL OF PROPERTY	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
LOSS FROM RETIREMENT OF PROPERTY	\$0.00	(\$61,710.78)	(\$39,079.76)	(\$21,432.19)	(\$24,456.91)	(\$84,456.91)	(\$24,456.91)
REVENUES NON-UTILITY OPERATIO	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
EXPENSES NON-UTILITY OPERATIO	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CDM REV	\$300,000.00	\$171,642.60	\$230,499.17	\$17,964.45	\$3,075.37	\$0.00	\$0.00
CDM EXP	(\$300,000.00)	(\$192,557.45)	(\$208,753.52)	(\$27,072.53)	(\$3,241.64)	\$0.00	\$0.00
MISC INCOME SALE OF SCRAP	\$3,507.03	\$13,941.11	\$6,846.29	\$11,135.63	\$5,391.82	\$5,391.82	\$5,391.82
MISC INCOME ADMIN EXP RECOVER	\$5,924.21	\$10,031.76	\$9,544.56	\$9,791.16	\$9,906.24	\$9,906.24	\$9,906.24
INT & DIV INCOME MISCELLANEOUS (Values for Variance Accounts removed)	\$0.00	\$0.00	\$0.00	\$0.00	\$2,892.63	\$0.00	\$0.00
INT & DIV INCOME CIBC T-BILLS	\$1,170.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
INT & DIV INCOME CIBC 69-0211	\$3,119.19	\$5,957.83	\$3,779.26	\$543.24	\$9,457.84	\$9,457.84	\$9,457.84
RSVA CARRYING CHARGE INT REV (Values for Varaince Accounts removed)	\$0.00	\$0.00	\$0.00		\$16,628.52	\$0.00	\$0.00
Total Other Income and Expenses	\$50.934.01	(\$145.294.94)	(\$253.263.58)	\$365.092.97	\$988.165.49	\$23.004.09	\$83,004.09

20 Total Other Inco

21 Notable other income and expense accounts included the following:

Regulatory Debit and Credit – These are used to record the variances in the large use customer
 demand above and below 5,000 kW. These are not real income to NOTL Hydro as they are
 returned to customers.

4

Revenue from Jobs – This will vary from year-to-year based on customer requirements. It
 contains the markups on customer jobs and services charged to cover overhead costs on top of
 the direct labour and materials costs. 2022 was higher than normal due to work on behalf of Bell
 Canada.

9

Gain or Loss on Disposal of Property – NOTL Hydro periodically has property that it no longer needs and can sell. In 2019 some revenue was realized on the sale of a bucket truck that was replaced and in 2022 an excess piece of property that was previously used for a substation was sold for \$60k. These are non-recurring events so no revenue has been forecast for 2023 and 2024.

15

Loss from Retirement of Property – Assets that are damaged and need replacing (transformers with leaks, storm damage, etc.) are not usually fully depreciated. Likewise, assets replaced during system renewal projects are not always fully depreciated. The write-offs of the unamortized balances are booked to this account. The balances are usually fairly consistent though in 2023 the write-offs are forecast to be higher due to the Virgil underground project.

21

Profit/loss on Investment – This account contains the gain/loss on the mark-to-market of the
swaps used to lock in long-term rates on borrowings from CIBC. The MTM is required by IFRS.
Over the course of the loan the MTM will net to zero. As a non-cash and timing item this has
been shown as zero in 2023 and 2024.

26

CDM – Revenues and expenses related to the previous CDM programs are booked to these
 accounts. NOTL Hydro does not currently have any CDM programs so no activity has been
 forecast for 2023 and 2024.

- 30
- 31

32 **Proposed Changes to Specific Service Charges**

33 NOTL Hydro has reviewed the impact of the proposed changes to specific service charges and

34 assessed the impact to be less than \$600. There is little or no demand for most of these services.

1 There are no discrete customer groups that will be materially affected by the changes to the 2 charges.

3

4 **Revenue from Affiliates**

5 Revenue from affiliates is provided in detail in Section 4.3.2 of Exhibit 4. Most of the revenue has 6 been booked to offset costs so reduces OM&A and has not been booked to other revenue. The 7 one exception is the mark-up on services to cover overhead costs which is included in Revenue 8 from Jobs as described above. Transfer pricing and allocation of cost methods do not result in 9 cross-subsidization between regulated and non-regulated lines of business and are in compliance 10 with Article 340 of APH.

² Appendix

3 List of Appendices

Appendix 6A	notlh_2024_rev_reqt_workform_ (oeb_2023_model) – Filed in Excel
Appendix 6B	notlh_2024_test-year_income_tax_pils _(2023_oeb_model) – Filed in Excel

4

1