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### Calculation of Revenue Requirement

### Ex.6/Tab 1/Sch.1 - Determination of Net Utility Income

- WNP has included the following information in this Exhibit:
- Determination of Net Utility Income
- Statement of Rate Base
  - Actual Utility Return on Rate Base
- Requested & Indicated Rate of Return
  - Gross Deficiency or Sufficiency in Revenue

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- The information in this Exhibit supports WNP's request in this Application for an increase in its
- 11 Revenue Requirement to support the proposed capital and operating budgets for 2016 to
- service debt and to return the allowed Return on Equity.
- WNP has determined that the Revenue Deficiency for the 2016 Test Year is \$258,891.
- 14 The calculations on which this determination is based are set out below. The Revenue
- Deficiency calculation does not include recovery of Deferral and Variance Accounts or other
- 16 electricity charges.

- The current rates are based on Board approved rates effective May 1, 2015 through an IRM
- proceeding (EB-2014-0121). Existing revenues based on existing Board approved rates, which
- are used in calculating utility income, are comprised of distribution revenue and exclude pass-
- 21 through charges such as LV Charges and Transmission Charges.
- Details on existing and projected distribution revenue at existing rates are presented in Exhibit 3,
- Tab 1 and replicated below. Other revenues are presented in Exhibit 3 / Tab 4 shows
- distribution revenues at 2015 Bridge Year and 2016 Test Year volumes. Table 6.1 below shows
- 25 distribution revenues resulting from existing rates being applied to 2016 Test Year volumes.

Exhibit 6 – Revenue Deficiency/Deficiency Filed: October 2015

Table 6.1: Distribution Revenues at Current Rates - 2016 Volumes

est Year Test Year Projected Revenue from Existing Variable Charges								
Customer Class Name Distribution per Rate Class Name Rate Class Name Distribution Per Rate Revenue Rate Reven								
Residential	\$0.0185	kWh	26,005,466	\$481,101.12			\$0.00	\$481,101.12
General Service < 50 kW	\$0.0168	kWh	11,855,213	\$199,167.57			\$0.00	\$199,167.57
General Service > 50 to 999 kW	\$3.6643	kW	41,588	\$152,390.66	\$0.60	12,855	\$7,713.06	\$144,677.60
General Service 1,000 to 4,999kW	\$1.8921	kW	108,301	\$204,916.39			\$0.00	\$204,916.39
Unmetered Scattered Load	\$0.0146	kWh	3,024	\$44.16			\$0.00	\$44.16
Sentinel Lighting	\$19.3776	kW	65	\$1,260.07			\$0.00	\$1,260.07
Street Lighting	\$7.9283	kW	1,995	\$15,815.97			\$0.00	\$15,815.97
Total Variable Revenue			38,015,652	\$1,054,695.94	\$0.60	12,855	\$7,713.06	\$1,046,982.88

Test Year									
	Test Year Projected Revenue from Current Fixed Charges								
Customer Class Name	Fixed	Customers	Fixed Charge	Variable	TOTAL	% Fixed	% Variable	% Total	
Customer Class Name	Rate	(Connections)	Revenue	Revenue	TOTAL	Revenue	Revenue	Revenue	
Residential	\$18.49	3,251	\$721,297	\$481,101	\$1,202,398	59.99%	40.01%	51.52%	
General Service < 50 kW	\$39.25	476	\$223,972	\$199,168	\$423,140	52.93%	47.07%	18.13%	
General Service > 50 to 999 kW	\$275.90	38	\$126,012	\$144,678	\$270,690	46.55%	53.45%	11.60%	
General Service 1,000 to 4,999kW	\$2,254.94	5	\$135,296	\$204,916	\$340,213	39.77%	60.23%	14.58%	
Unmetered Scattered Load	\$18.09	1	\$217	\$44	\$261	83.10%	16.90%	0.01%	
Sentinel Lighting	\$5.24	29	\$1,839	\$1,260	\$3,099	59.34%	40.66%	0.13%	
Street Lighting	\$7.12	914	\$78,092	\$15,816	\$93,908	83.16%	16.84%	4.02%	
Total Fixed Revenue		4,713	\$1,286,726	<b>\$1,046,983</b>	\$2,333,709				

- 2 Exhibit 6 / Tab 1 / Schedule 2 in the next section provides details and derivation of the revenue
- 3 requirement and its particulars.

4

### Ex.6/Tab 1/Sch.2 - Proposed Revenue Requirement

- 2 WNP's revenue requirement represents the amount of money that a utility must receive from its
- 3 customers to cover its costs, operating expenses, taxes, interest paid on debts owed to
- 4 investors and, if applicable, a deemed return (profit).
- 5 The proposed Base Revenue Requirement, representing the revenue to be recovered from
- 6 base distribution rates, is equal to the total Service Revenue Requirement, less Revenue
- 7 Offsets derived from other revenue sources. Table 6.2 below illustrates WNP's proposed 2016
- 8 Revenue Requirement.

**Table 6.2: Test Year Revenue Requirement** 

Distribution Revenue Requirement				
Particular	Test Year			
	2016			
OM&A Expenses	\$1,797,368			
Depreciation Expenses	\$361,570			
Property Taxes	\$14,000			
Total Distribution Expenses	\$2,172,938			
Regulated Return On Capital	\$570,249			
Grossed up PILs	\$0			
Service Revenue Requirement	\$2,743,188			
Less: Revenue Offsets	(\$150,588)			
Base Revenue Requirement	\$2,592,599			

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- 11 The Total Fixed Revenue from Table 6.1 subtract the Base Revenue Requirement gives WNP's
- 12 Revenue Deficiency (\$2,333,709 \$2,592,599 = \$258,890). WNP's completed Revenue
- 13 Requirement Work Form is submitted in this Exhibit as Appendix 6A.

### Ex.6/Tab 1/Sch.3 - Statement of Rate Base

- 2 Table 6.3 below illustrates WNP's Rate Base in the 2016 Test Year applying the capital
- parameters provided by the Board for 2016 rate applications (letter dated October 15, 2015
- 4 "Cost of Capital Parameters Updates for 2016 Applications").

5

1

Table 6.3: Statement of Rate Base

	Capital Structure and Cost of Capital							
		Year:	<u>2016</u>					
Line No.	Particulars	Capitalizatio	n Ratio	Cost Rate	Return			
		(%)	(\$)	(%)	(\$)			
	Debt	. ,	. ,		• •			
1	Long-term Debt	56.00%	\$5,333,347	4.01%	\$213,867			
2	Short-term Debt	4.00% (1)	\$380,953	1.65%	\$6,286			
3	Total Debt	60.0%	\$5,714,301	3.85%	\$220,153			
	Equity							
4	Common Equity	40.00%	\$3,809,534	9.19%	\$350,096			
5	Preferred Shares		\$ -		\$ -			
6	Total Equity	40.0%	\$3,809,534	9.19%	\$350,096			
7	Total	100.0%	\$9,523,835	5.99%	\$570,249			

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### Ex.6/Tab 1/Sch.4 - Actual Utility Return on Rate Base

- Table 6.4 below illustrates WNP's Return on its Rate Base in the 2016 Test Year applying the
- capital parameters provided by the Board for 2016 rate applications (letter dated October 15,
- 12 2015 "Cost of Capital Parameters Updates for 2016 Applications").

13 14

Table 6.4: Return on Rate Base

Return:	
Deemed Interest Expense	\$220,153
Return on Deemed Equity	\$350,096
Total	\$570,249

Filed: October 2015

### Ex.6/Tab 1/Sch.5 - Requested and Indicated Rate of Return

- The requested rate of return is 5.99% as per the Cost of Capital calculation in Table 6.3.
- 3 The Indicated Rate of Return is calculated as 3.27% with distribution at current rates. Once the
- 4 revenue deficiency has been accounted for, the Indicated Rate of Return becomes 5.99% as
- 5 expected. Details of the calculation can be found in Table 6.7 "Calculation of Revenue
- 6 Deficiency or Surplus" in Tab 2 of this Exhibit

### 1 Ex.6/Tab 1/Sch.6 - Utility Income at Proposed Revenue Requirement

- 2 Table 6.5 below illustrates WNP's Income at the Proposed 2016 Test Year Revenue
- 3 Requirement

4

### Table 6.5: Utility Income under proposed Revenue Requirement

Particulars	Initial Application
Operating Revenues:	
Distribution Revenue (at Proposed Rates)	\$2,592,599
Other Revenue	\$150,588
Total Operating Revenues	\$2,743,188
Operating Expenses:	
OM+A Expenses	\$1,793,368
Depreciation/Amortization	\$361,570
Property taxes	\$14,000
Capital taxes	\$0
Other expense	\$4,000
Total Operating Expenses	\$2,172,938
Deemed Interest Expense	\$220,153
Total Expenses	\$2,393,091
Utility income before income taxes	\$350,096
Income taxes (grossed-up)	\$0
Utility net income	\$350,096

### Ex.6/Tab 1/Sch.7 - Revenue Requirement Trend

- 2 Table 6.6 below presents WNP's Revenue Requirement trend starting from the 2012 Board
- 3 Approved through to the 2016 Test Year proposed Revenue Requirement.

#### **Table 6.6: Trend in Revenue Requirement**

	NEWGAAP	NEWGAAP	NEWGAAP	MIFRS	MIFRS	MIFRS
	2012	2012	2013	2014	2015	2016
Particular	Last Board Approved	Actual	Actual	Actual	Bridge Year	Test Year
OM&A Expenses	\$1,500,000	\$1,609,746	\$1,744,085	\$1,725,946	\$1,750,000	\$1,797,368
Depreciation Expense	\$387,630	\$621,934	\$457,735	\$464,010	\$359,769	\$361,570
Property Taxes	\$12,006	\$12,495	\$12,930	\$12,915	\$13,500	\$14,000
Total Distribution Expenses	\$1,899,636	\$2,244,175	\$2,214,749	\$2,202,872	\$2,123,270	\$2,172,938
Deemed Interest	\$191,420	\$133,650	\$111,391	\$164,373	\$499,524	\$570,249
Utility Income after income tax	\$273,210	\$17,410	\$184,139	\$177,404		
Grossed up PILs	\$2,033	\$3,193	\$33,777	\$42,415	\$15,713	\$0
Service Revenue Requirement	\$2,366,299	\$2,398,428	\$2,544,056	\$2,587,064	\$2,638,507	\$2,743,188
Less: Revenue Offsets	(\$149,992)	(\$156,599)	(\$128,084)	(\$154,757)	(\$147,878)	(\$150,588)
Base Revenue Requirement	\$2,216,307	\$2,241,829	\$2,415,972	\$2,432,307	\$2,490,630	\$2,592,599

- 6 As demonstrated in the above table, the proposed revenue requirement for the 2016 Test Year
- 7 is 17% higher than the 2012 Cost of Service approved Revenue Requirement (equating to an
- 8 increase of 3.4% per year). The major contributors to the increased revenue requirements are:
- 9 a) Increases in the OM&A expenses (as discussed in Exhibit 4); and
- b) Regulated Return on Capital which has increased by \$105,619 between the 2012 Board
   Approved and 2016 Test Year ((\$570,249 \$464,630 (\$191,420 + \$273,210)) = \$105,619 ~
- an increase of 23%).
- Note that since the utility does not calculate PILs on yearly basis, the utility used the Historical,
- Bridge and Test year results from the PILs model submitted in conjunction with this application.

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### Revenue Deficiency or Surplus

### 2 Ex.6/Tab 2/Sch.1 - Calculation of Revenue Deficiency or Surplus

- WNP's 2016 Requested Rate of Return is 5.99% as presented in Table 6-3 and can be
- 4 calculated as the sum of Utility Net Income and Deemed Interest Expense divided by the Rate
- 5 Base. With this rate of return, WNP's gross revenue deficiency under the current distribution
- 6 rates is \$258,891. A detailed calculation presented in Table 6.7 provides the Revenue
- 7 Deficiency calculation for the 2016 Test Year at Proposed Rates, which balances the Revenue
- 8 Deficiency, Net Income and Total Return on Rate Base using the Applicant's current approved
- 9 distribution rates (2015 distribution rates approved in the WNP's IRM application EB-2014-
- 10 0121.)

- 11 The Revenue Deficiency sheet presented at the next page is an excerpt from the Revenue
- 12 Requirement Work Form. The drivers of the revenue deficiency are detailed in the section
- 13 following the table:

Table 6.7: Revenue Deficiency (RRWF)

	Initial Application			
Particulars	At Current Approved Rates	At Proposed Rates		
Revenue Deficiency from Below		\$258,891		
Distribution Revenue	\$2,333,709	\$2,333,709		
Other Operating Revenue	\$150,588	\$150,588		
Offsets - net Total Revenue	E0 404 007	CO 742 400		
Total Revenue	\$2,484,297	\$2,743,188		
Operating Expenses	\$2,172,938	\$2,172,938		
Deemed Interest Expense	\$220,153	\$220,153		
Total Cost and Expenses	\$2,393,091	\$2,393,091		
Utility Income Before Income Taxes	\$91,206	\$350,096		
Tax Adjustments to Accounting Income per 2013 PILs model	(\$386,767)	(\$386,767)		
Taxable Income	(\$295,561)	(\$36,670)		
Income Tax Rate	0.00%	0.00%		
Income Tax on Taxable	\$ -	\$ -		
Income	_	_		
Income Tax Credits	\$ -	\$ -		
Utility Net Income	\$91,206	\$350,096		
Utility Rate Base	\$9,523,835	\$9,523,835		
Deemed Equity Portion of Rate Base	\$3,809,534	\$3,809,534		
Income/(Equity Portion of Rate Base)	2.39%	9.19%		
Target Return - Equity on Rate Base	9.19%	9.19%		
Deficiency/Sufficiency in Return on Equity	-6.80%	0.00%		
Indicated Rate of Return	3.27%	5.99%		
Requested Rate of Return on	5.99%	5.99%		
Rate Base				
Deficiency/Sufficiency in Rate of Return	-2.72%	0.00%		
Target Return on Equity	\$350,096	\$350,096		
Revenue Deficiency/(Sufficiency)	\$258,891	\$0		
Gross Revenue Deficiency/(Sufficiency)	\$258,891 <b>(1)</b>			

### Ex.6/Tab 2/Sch.2 - Causes of Revenue Deficiency or Surplus

- 2 WNP's existing rates are based on the Board-approved rates in 2012 following a Cost of
- 3 Service rate application (EB-2011-0249) and adjustments to its base distribution rates in 2015
- 4 Bridge Year under the Board's third Generation Incentive Regulation Mechanism (EB-2014-
- 5 0121).

- 6 As shown in Table 6.7 "Revenue Deficiency" in Exhibit 6 / Tab 2 / Schedule 1, the Revenue
- 7 Deficiency is determined to be \$258,891. The deficiency is due to the increase in the rate base
- 8 and OM&A.
- 9 The proposed rate base for 2016 Test Year is \$2,034,517 higher than the 2012 Board-approved
- amount, an increase of 27.2%. Based on a 5.99% overall cost of capital, the increase in the rate
- base drives an increase to the revenue requirement. The factors contributing to the change in
- the rate base are discussed in detail at Exhibit 2 but for the most part, are primarily due to
- investments in the distribution system and from the increase in asset useful lives that resulted in
- 14 a decrease in the annual asset depreciation.
- 15 The increased expense for Operations, Maintenance and Administration (OM&A) is another
- reason for the revenue deficiency. Projected OM&A for the 2016 Test Year is \$297,368 higher
- than the 2012 Board-approved amount, which represents an increase of 19.82% (equating to an
- increase of \$59,474 per year or 3.96% per year). The cost drivers underlying this increase are
- 19 explained in Exhibit 4.
- 20 When comparing the revenue deficiency between the 2012 Board Approved to the 2016 Test
- Year, the major contributors include:
- Increase in OM&A of \$297,368 from \$1,500,00 in 2012 Board Approved to \$1,797,368 in the
- 23 2016 Test Year.
- An increase in Average Net Fixed Assets of \$2,541,239 from \$5,862,899 in 2012 Board
- 25 Approved to \$8,404,138 in the 2016 Test Year.
- A decrease in Working Capital of \$506,723 from \$1,626,419 in 2012 Board Approved to
- \$1,119,697 in the 2016 Test Year. This is as a consequence of applying a Working Capital
- Allowance default rate of 7.5% for the 2016 Test Year as per Board's letter "Allowance for
- 29 Working Capital for Electricity Distributors Rate Applications (issued June 3, 2015).

- A decrease of 0.21% for Regulated Rate of Return from 6.20% in 2012 Board Approved to 5.99% in the 2016 Test Year.
- A decrease in Depreciation Expenses of \$26,060 from \$387,630 in 2012 Board Approved to
   \$361,570 in the 2016 Test Year.
- Table 6.8 below compares the specifics from the 2012 Board Approved to the 2016 Test Year:

### Table 6.8: Comparison of Revenue Deficiency (RRWF)

Change in Revenue Rec	uirement an	d Pate Race	since last CO	2
Change in Revenue Rec	CGAAP	MIFRS		
	2012	2016	Differe	
	<b>Board Approved</b>	Test Year	Dillere	ence
Particular				
Long Term Debt	4.42%	4.01%	-0.4	
Short Term Debt	2.08%	1.65%	-0.43	
Return on Equity	9.12%	9.19%	0.07	
Weighted Debt Rate	4.26%	3.85%	-0.4	
Regulated Rate of Return	6.20%	5.99%	-0.2	2%
Controllable Expenses	\$1,512,006	\$1,811,368	\$299,362	19.8
Power Supply Expense	\$10,105,275	\$13,117,919	\$3,012,644	29.8
Total Eligible Distribution Expenses	\$11,617,281	\$14,929,287	\$3,312,007	28.5
Working Capital Allowance Rate	14.00%	7.50%	-6.50	)%
Total Working Capital Allowance ("WCA")	\$1,626,419	\$1,119,697	(\$506,723)	-31.2
Fixed Asset Opening Bal Bridge Year	\$5,812,772	\$7,653,193	\$1,840,421	31.7
Fixed Asset Opening Bal Test Year	\$5,913,026	\$9,155,083	\$3,242,058	54.8
Average Fixed Asset	\$5,862,899	\$8,404,138	\$2,541,239	43.3
Working Capital Allowance	\$1,626,419	\$1,119,697	(\$506,723)	-31.2
Rate Base	\$7,489,318	\$9,523,835	\$2,034,517	27.2
Regulated Rate of Return	6.20%	5.99%	-0.22	2%
Regulated Return on Capital	\$464,631	\$570,249	\$105,618	22.7
Deemed Interest Expense	\$191,420	\$220,153	\$28,733	15.0
Deemed Return on Equity	\$273,210	\$350,096	\$76,886	28.1
OM&A	\$1,500,000	\$1,797,368	\$297,368	19.8
Property Tax	\$12,006	\$14,000	\$1,994	16.6
Depreciation Expense	\$387,630	\$361,570	(\$26,060)	-6.7
PILs	\$2,033	\$0	(\$2,033)	-100.
Service Revenue Requirement	\$2,366,299	\$2,743,188	\$376,889	15.9
Revenue Offset	(\$149,992)	(\$150,588)	(\$596)	0.4
Revenue Requirement	\$2,216,307	\$2,592,599	\$376,293	17.0

5

Filed: October 2015

### Ex.6/Tab 2/Sch.3 - Impact of implementation of MIFRS on Revenue Deficiency or

### 2 Surplus

- 3 In WNP's 2012 Cost of Service Rate application (EB-2011-0249), the Applicant received
- 4 approval from the Board for the change in accounting policy for an update in the LDC's useful
- 5 lives. In its application, WNP filed its 2012 Test Year Fixed Asset information using mid-life
- 6 typical useful lives as derived from the Kinectrics Study commissioned by the Board and
- 7 adopted these depreciation rates from January 1<sup>st</sup> 2012. No further changes have occurred that
- 8 would result in a change in revenue deficiency or sufficiency.
- 9 WNP adopted IFRS (International Financial Reporting Standards) on January 1st 2015 with a
- transition date of January 1<sup>st</sup> 2014. WNP's OM&A has not been impacted by the policy which
- states that burdens which are longer eligible for capitalization have been removed from rate
- 12 base and included as an operating expense because the utility has never capitalized
- 13 administrative burdens on capital projects.

## **Appendix**

### 2 List of Appendices

Appendix 6A	WNP's Revenue Requirement

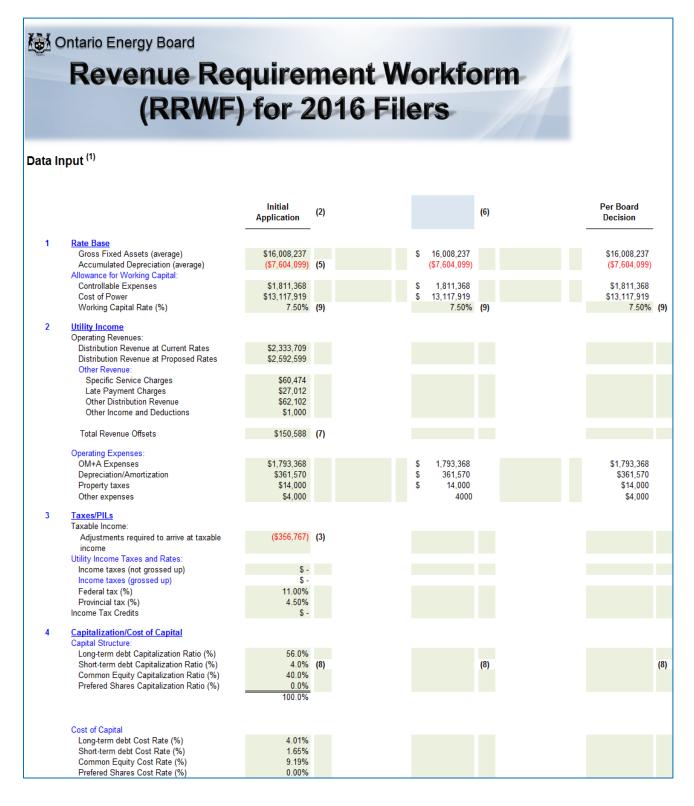
4

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## Appendix 6A – WNP's Revenue Requirement

	quirement Workform for 2016 Filers	Version 6.00
Utility Name	Wellington North Power Inc.	
Service Territory		
Assigned EB Number	EB-2015-0110	
Name and Title	Richard Bucknall, CAO	
Phone Number	1-519-323-1710	
Email Address	rbucknall@wellingtonnorthpower.com	
for that purpose, and provide a copy of this model to any p publication, sale, adaptation, translation, modification, reve Ontario Energy Board is prohibited. If you provide a copy or rate order, you must ensure that the person understands as	g made available to you solely for the purpose of filing your application. erson that is advising or assisting you in that regard. Except as indicate rsse engineering or other use or dissemination of this model without the of this model to a person that is advising or assisting you in preparing that agrees to the restrictions noted above.  required to be filed with the applications, the onus remains on the applications.	ed above, any copying, reproduction, express written consent of the ne application or reviewing your draft

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## Ontario Energy Board

# Revenue Requirement Workform (RRWF) for 2016 Filers

### **Rate Base and Working Capital**

No.	Particulars	-	Initial Application				Per Board Decision
1 2 3	Gross Fixed Assets (average) Accumulated Depreciation (average) Net Fixed Assets (average)	(3) _(3) (3)	\$16,008,237 (\$7,604,099) \$8,404,138	\$ - \$ - \$ -	\$16,008,237 (\$7,604,099) \$8,404,138	\$ - \$ - \$ -	\$16,008,237 (\$7,604,099) \$8,404,138
4	Allowance for Working Capital	(1)	\$1,116,235	<u> </u>	\$1,116,235	<u> </u>	\$1,116,235
5	Total Rate Base		\$9,520,373	\$ -	\$9,520,373	\$ -	\$9,520,373

#### (1) Allowance for Working Capital - Derivation

6	Controllable Expenses		\$1,811,368	<b>\$</b> -	\$1,811,368	\$ -	\$1,811,368
7	Cost of Power		\$13,071,760	\$ -	\$13,071,760	\$ -	\$13,071,760
8	Working Capital Base		\$14,883,128	\$ -	\$14,883,128	\$ -	\$14,883,128
9	Working Capital Rate %	(2)	7.50%	0.00%	7.50%	0.00%	7.50%
10	Working Capital Allowance		\$1,116,235	\$ -	\$1,116,235	\$ -	\$1,116,235

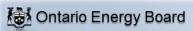
Notes (2)

(3)

Some Applicants may have a unique rate as a result of a lead-lag study. The default rate for 2016 cost of service applications is 7.5%, per the letter issued by the Board on June 3, 2015. Alternatively, a utility could conduct and file its own lead-lag study.

Average of opening and closing balances for the year.

2



### **Utility Income**

Line No.	Particulars	Initial Application				Per Board Decision
1	Operating Revenues: Distribution Revenue (at Proposed Rates)	\$2,592,599	(\$2,592,599)	\$ -	\$ -	\$ -
2		<b>(1)</b> \$150,588_	(\$150,588)	\$-	\$-	\$ -
3	Total Operating Revenues	\$2,743,188	(\$2,743,188)	<u> </u>	\$-	<u> </u>
	Operating Expenses:					
4	OM+A Expenses	\$1,793,368	\$ -	\$1,793,368	\$ -	\$1,793,368
5	Depreciation/Amortization	\$361,570	\$ -	\$361,570	\$ -	\$361,570
6	Property taxes	\$14,000	\$ -	\$14,000	\$ -	\$14,000
7	Capital taxes	\$ -	\$ -	\$ -	\$ -	\$ -
8	Other expense	\$4,000	\$ -	\$4,000	<u> </u>	\$4,000
9	Subtotal (lines 4 to 8)	\$2,172,938	\$ -	\$2,172,938	\$ -	\$2,172,938
10	Deemed Interest Expense	\$220,153	(\$220,153)	\$-	\$-	<u> </u>
11	Total Expenses (lines 9 to 10)	\$2,393,091	(\$220,153)	\$2,172,938	\$-	\$2,172,938
12	Utility income before income taxes	#350 00C	(#0.500.005)	(60.470.000)		(50.470.000)
	income taxes	\$350,096	(\$2,523,035)	(\$2,172,938)	<u> </u>	(\$2,172,938)
13	Income taxes (grossed-up)	\$-	\$-	\$-	\$-	\$-
14	Utility net income	\$350,096	(\$2,523,035)	(\$2,172,938)	<u> </u>	(\$2,172,938)
Notes	Other Revenues / Revenues	nue Offsets				
(1)	Specific Service Charges Late Payment Charges Other Distribution Revenue Other Income and Deductions	\$60,474 \$27,012 \$62,102 \$1,000		\$ - \$ - \$ - \$ -		\$ - \$ - \$ - \$ -
	Total Revenue Offsets	\$150,588	<u>\$ -</u>	<u> </u>	<u> </u>	<u> </u>

2

## Ontario Energy Board

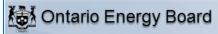
# Revenue Requirement Workform (RRWF) for 2016 Filers

#### Taxes/PILs

Line No.	Particulars	Application		Per Board Decision
	<u>Determination of Taxable Income</u>			
1	Utility net income before taxes	\$350,096	\$ -	\$ -
2	Adjustments required to arrive at taxable utility income	(\$356,767)	\$ -	(\$356,767)
3	Taxable income	(\$6,670)	<u> </u>	(\$356,767)
	Calculation of Utility income Taxes			
4	Income taxes	\$ -	<b>\$</b> -	<u> </u>
6	Total taxes	<u>\$ -</u>	<u> </u>	<u> </u>
7	Gross-up of Income Taxes	<u> </u>	<u> </u>	<u> </u>
8	Grossed-up Income Taxes	\$ -	<u> </u>	<u> </u>
9	PILs / tax Allowance (Grossed-up Income taxes + Capital taxes)	<u> </u>	<u> </u>	<u> </u>
10	Other tax Credits	\$ -	\$ -	\$ -
	Tax Rates			
11 12 13	Federal tax (%) Provincial tax (%) Total tax rate (%)	11.00% 4.50% 15.50%	11.00% 4.50% 15.50%	11.00% 4.50% 15.50%

2

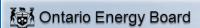
3



### Capitalization/Cost of Capital

ne o.	Particulars	Capitalization Ratio		Cost Rate	Return		
		Initial					
	5.1.	(%)	(\$)	(%)	(\$)		
1	Debt Long-term Debt	56.00%	\$5,333,347	4.01%	¢242.067		
2	Short-term Debt	4.00%		1.65%	\$213,867		
3	Total Debt	60.00%	\$380,953 \$5,714,301	3.85%	\$6,286 \$220,153		
3	Total Debt	60.00%	φ <sub>0,7</sub> 14,301	3.05%	\$220,153		
	Equity						
4	Common Equity	40.00%	\$3,809,534	9.19%	\$350,096		
5	Preferred Shares	0.00%	\$ -	0.00%	\$ -		
6	Total Equity	40.00%	\$3,809,534	9.19%	\$350,096		
7	Total	100.00%	\$9,523,835	5.99%	\$570,249		
	Dobt	(%)	(\$)	(%)	(\$)		
1	Debt Long-term Debt	0.00%	\$ -	0.00%	\$ -		
2	Short-term Debt	0.00%	\$ -	0.00%	\$ -		
3	Total Debt	0.00%	<u> </u>	0.00%			
3	Total Debt	0.0070		0.0070	<u> </u>		
	Equity						
4	Common Equity	0.00%	\$ -	0.00%	\$ -		
5	Preferred Shares	0.00%	<u> </u>	0.00%	\$ -		
6	Total Equity	0.00%	\$ -	0.00%	<u> </u>		
7	Total	0.00%	\$9,523,835	0.00%	\$ -		
		Per Bo	ard Decision				
		(%)	(\$)	(%)	(\$)		
0	Debt Debt	0.009/	e e	4.049/	c c		
8 9	Long-term Debt Short-term Debt	0.00%	\$ - c	4.01%	\$ - \$ -		
9 10	Total Debt	0.00%	<u> </u>	1.65% 0.00%	\$ - \$ -		
U	rotar Debt	0.0076	<u> </u>	0.0076	<u></u>		
	Equity						
11	Common Equity	0.00%	\$ -	9.19%	\$ -		
12	Preferred Shares	0.00%	<u> </u>	0.00%	\$-		
13	Total Equity	0.00%	<u> </u>	0.00%	<u> </u>		
14	Total	0.00%	\$9,523,835	0.00%	<b>\$</b> -		
		5.5576	\$0,020,000	0.0070			

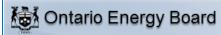
Wellington North Power Inc. EB-2015-0110 Exhibit 6 – Revenue Deficiency/Deficiency Filed: October 2015



### Revenue Deficiency/Sufficiency

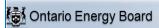
Initial Application Per Board Decision
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Initial Application						Per Board Decision			
Line No.	Particulars	At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates		
1 2 3	Revenue Deficiency from Below Distribution Revenue Other Operating Revenue Offsets - net	\$2,333,709 \$150,588	\$258,891 \$2,333,709 \$150,588	\$2,333,709 \$ -	(\$160,771) \$2,753,370 \$ -	\$ - \$ -	\$2,172,938 (\$2,172,938) \$ -		
4	Total Revenue	\$2,484,297	\$2,743,188	\$2,333,709	\$2,592,599	\$ -	\$ -		
5 6 8	Operating Expenses Deemed Interest Expense Total Cost and Expenses	\$2,172,938 \$220,153 \$2,393,091	\$2,172,938 \$220,153 \$2,393,091	\$2,172,938 \$- \$2,172,938	\$2,172,938 \$ - \$2,172,938	\$2,172,938 \$- \$2,172,938	\$2,172,938 \$ - \$2,172,938		
9	Utility Income Before Income Taxes	\$91,206	\$350,096	\$160,771	\$419,661	(\$2,172,938)	(\$2,172,938)		
10	Tax Adjustments to Accounting Income per 2013 PILs model	(\$356,767)	(\$356,767)	(\$356,767)	(\$356,767)	\$ -	\$ -		
11	Taxable Income	(\$265,561)	(\$6,670)	(\$195,996)	\$62,895	(\$2,172,938)	(\$2,172,938)		
12 13	Income Tax Rate Income Tax on Taxable Income	0.00% \$ -	0.00% \$ -	0.00% \$ -	0.00% \$ -	0.00% \$ -	0.00% \$ -		
14	Income Tax Credits	<u>\$ -</u>	\$ -	\$ -	\$ -	<u>\$ -</u>	\$ -		
15	Utility Net Income	\$91,206	\$350,096	\$160,771	(\$2,172,938)	(\$2,172,938)	(\$2,172,938)		
16	Utility Rate Base	\$9,523,835	\$9,523,835	\$9,523,835	\$9,523,835	\$9,523,835	\$9,523,835		
17	Deemed Equity Portion of Rate Base	\$3,809,534	\$3,809,534	\$ -	\$ -	\$ -	\$ -		
18	Income/(Equity Portion of Rate Base)	2.39%	9.19%	0.00%	0.00%	0.00%	0.00%		
19	Target Return - Equity on Rate Base	9.19%	9.19%	0.00%	0.00%	0.00%	0.00%		
20	Deficiency/Sufficiency in Return on Equity	-6.80%	0.00%	0.00%	0.00%	0.00%	0.00%		
21 22	Indicated Rate of Return Requested Rate of Return on Rate Base	3.27% 5.99%	5.99% 5.99%	1.69% 0.00%	0.00% 0.00%	-22.82% 0.00%	0.00% 0.00%		
23	Deficiency/Sufficiency in Rate of Return	-2.72%	0.00%	1.69%	0.00%	-22.82%	0.00%		
24 25 26	Target Return on Equity Revenue Deficiency/(Sufficiency) Gross Revenue Deficiency/(Sufficiency)	\$350,096 \$258,891 \$258,891 <b>(1)</b>	\$350,096 \$0	\$ - (\$160,771) (\$160,771) <b>(1)</b>	\$ - \$ -	\$ - \$2,172,938 \$2,172,938 <b>(1)</b>	\$ - \$ -		



### **Revenue Requirement**

Line No.	Particulars	Application				Per Board Decision
1	OM&A Expenses	\$1,793,368		\$1,793,368		\$1,793,368
2	Amortization/Depreciation	\$361.570		\$361.570		\$361.570
3	•	\$14,000		\$14,000		\$14,000
_	Property Taxes					
5	Income Taxes (Grossed up)	\$ -		\$ -		\$ -
6	Other Expenses	\$4,000		\$4,000		\$4,000
7	Return					
	Deemed Interest Expense	\$220,153		\$ -		\$ -
	Return on Deemed Equity	\$350,096		<u> </u>		<u> </u>
8	Service Revenue Requirement					
	(before Revenues)	\$2,743,188		\$2,172,938		\$2,172,938
9	Revenue Offsets	\$150,588		\$ -		\$ -
10	Base Revenue Requirement	\$2,592,599		\$2,172,938		\$2,172,938
	(excluding Tranformer Owership					
	Allowance credit adjustment)					
	<b>,,</b>					
11	Distribution revenue	\$2,592,599		\$ -		\$ -
12	Other revenue	\$150,588		\$ -		\$ -
	outer foreign	<b>\$100,000</b>				
13	Total revenue	\$2,743,188		<b>S</b> -		<b>S</b> -
		\$2,140,100				
14	Difference (Total Revenue Less					
	Distribution Revenue					
	Requirement before Revenues)	\$0	(1)	(\$2,172,938)	(1)	(\$2,172,938) <b>(1)</b>
	requirement before revenues/		(1)	(42,112,930)	('')	<u>(42,112,330)</u> (1)



#### **Tracking Form**

The last row shown is the most current estimate of the cost of service data reflecting the original application and any updates provided by the applicant distributor (for updated evidence, responses to interrogatories, undertakings, etc.)
Please ensure a Reference (Column B) and/or Item Description (Column C) is entered. Please note that unused rows will automatically be hidden and the PRINT AREA set when the PRINT BUTTON on Sheet 1 is activated.

(1) Short reference to evidence material (interrogatory response, undertaking, exhibit number, Board Decision, Code, Guideline, Report of the Board, etc.)

(2) Short description of change, issue, etc.

60 Tracking Rows have been provided below. If you require more, please contact Industry Relations @ IndustryRelations@ontarioenergyboard.ca.

### Summary of Proposed Changes

		Cost of	Capital	Rate Base and Capital Expenditures			Operating Expenses			Revenue Requirement			
Reference (1)	Item / Description <sup>(2)</sup>	Regulated Return on Capital	Regulated Rate of Return	Rate Base	Working Capital	Working Capital Allowance (\$)	Amortization / Depreciation	Taxes/PILs	OM&A	Service Revenue Requirement	Revenues		
	Original Application	\$ 570,249	5.99%	\$ 9,523,835	\$ 14,929,287	\$ 1,119,697	\$ 361,570	\$ -	\$ 1,793,368	\$ 2,743,188	\$ 150,588	\$ 2,592,599	\$ 258,891