Records Found for given criteria Yes

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Filing Due Year 2017	Filing Form Name 2.1.5.6	RRR Filing No 14,386	Reporting Period and Horizon Utilities Corpo	Company Name
<b>Licence Type</b> Distributor	Status Submitted	Report Version	Extension Granted	Extension Deadline
Filing Due Date	Reporting From	Reporting To	Report Version	- V1
May 01, 2017 Submitted On	January 1, 2016 Submitter Name	December 31, 2016 Expiry Date		
April 25, 2017	Sallly Blackwell	May 02, 2017		

## Checklist

Checkbox Overview	No.	Questions
Υ	1.	Have you read the ROE filing guide for completing the RRR 2.1.5.6 ROE filing?
Υ	2.	Have you reviewed and confirmed the accuracy of the RRR 2.1.7 trial balance?
Υ	3.	Have you reviewed and confirmed all auto-populated/linked cells on the form for accuracy?
Υ	4.	Have you resolved (i.e. re-filing the RRR 2.1.7 trial balance or contact the IRE) any issues that you may
Υ	5	ve noted with the auto-populated/linked cells?  Regarding the input cells, have you ensured that the signs of the numbers entered align with the RRR  .7 trial balance?
Input Append	dices	tab
Ϋ	1.	Have you completed and reviewed Appendix 1 if you have non-rate regulated business that is recorded in RRR 2.1.7 trial balance?
Υ	2.	Have you included all other adjustment(s) in Appendix 1?
Υ	3.	Have you identified and included in Appendix 1 all adjustments for non-rate regulated activities?
Υ	4. the f	Have you completed and reviewed Appendix 2 if you have non-recoverable donations that are recorded i RRR 2.1.7 trial balance?
Υ	5.	Have you completed and reviewed Appendix 3 regarding net interest/carrying charge from DVAs?
Υ	6. only	Have you included in Appendix 4 all adjustments so that the interest expense in cell dc is related to debt?
Υ	7.	Have you completed and reviewed Appendix 4 on deemed debt?

- - 8. Have you included all adjustments regarding regulated PP&E in Appendix 5?
- Y 9. Have you completed and reviewed Appendix 5 regarding regulated PP&E?
  - 10. Have you completed and reviewed Appendix 6 regarding current tax for regulatory purposes?
    - 11. Have you included in Appendix 6 the tax effects of all non-regulatory items?
- 12. Have you reviewed the RRR Filing Guide and determined the accurate tax treatment regarding the activit in regulatory accounts in Appendix 6?

## **ROE Summary tab**

- Y 1. Have you entered the input cells for the Unrealized (gains)/losses on interest rate swaps (cell c) and identified the USoA(s), if applicable?
- Y 2. Have you entered the input cells for the Actuarial (gains)/losses on OPEB and/or Pensions not approved the OEB (cell d) and identified the USoA(s), if applicable?

#### Over and Under-earning driver tabs

- 1. Have you entered the input cells for the Unrealized (gains)/losses on interest rate swaps (cell c) and identified the USoA(s), if applicable?
- Y 2. Have you completed and reviewed Appendices 9 and 10 if the ROE status for the year (cell z2) shows "Under-earning"?
- Y 3. Have you submitted the Q4 RRR 2.1.2 customers if you are required to complete over/under-earning driver tabs?
- Y 4. Have you submitted the RRR 2.1.5.4 annual billings if you are required to complete over/under-earning dri tabs?

#### Submitting the form

- Y 1. Have you clicked the Save button to update all the calculations on the form?
- 2 Have you validated the accuracy of the Achieved ROE% as calculated in cell y on the ROE Summary tab?
- Y 3. Have you retained the necessary supporting documents for the ROE filing?

## Input Appendices (1 to 6)

### Appendix 1

## Non-rate regulated items and other adjustments

CDM revenues (recorded in Account 4375) - aa -440,900.64

CDM expenses (recorded in Account 4380) - ab

- ac=aa+ab -440,900.64 CDM - Net revenues/expenses

Renewable generation revenues (recorded in Account 4375) - ad Renewable generation expenses (recorded in Account 4380)

- af=ad+ae 0.00 Renewable generation - Net revenues/expenses

- ag Water services revenues (recorded in Account 4375) Water services expenses (recorded in Account 4380) - ah

Water services - Net revenues/expenses - ai=ag+ah 0.00 - ai=ag+ah

Non-rate regulated utility rental income/investment income (recorded ir Account 4385) -ai

Depreciation expense on non-rate regulated assets - ak Please provide USoAs

Other adjustments:

Please list the other revenue items that were not approved by the OEB (Please specify):

- am

Please list the other expense items that were not approved by the OEB (Please specify):

Merger Costs - an 2,331,216.54 5665

> - ao - ap

- aq =ac+af+ai+aj+ak+al+am+an+ao+ap 1,890,315.90

Total non-rate regulated items and other adjustments

#### Appendix 2

Non-Recoverable Donations	Data Source
---------------------------	-------------

All donations - ba 176,909.90 RRR 2.1.7 - Control account Recoverable donations:

USoA 6205 **LEAP Funding** 

- bb 143,034.19 RRR 2.1.7 - Sub-account LEAP

Funding USoA 6205

reference only)

CoS Decision and Order (for

- bb1 143,034.19 Calculated LEAP Funding approved in the distributor's last CoS

Other recoverable donations approved, please specify:

- bc

- bd

- be=ba-bb-bc-bd **Non-Recoverable Donations** 33,875.71

#### Appendix 3

#### Net interest/carrying charges on Deferral and Variance Accounts (DVAs)

Interest expense on DVAs (recorded in Account 6035) 190.628.00 -195.670.00 Interest income on DVAs (recorded in Account 4405) - cb

- cc=ca+cb-5,042.00 Net interest/carrying charges from DVAs

## Appendix 4

Interest Adjustment for Deemed Debt **Data Source** 

Interest expense as per RRR 2.1.7 - da 7,552,136.31 RRR 2.1.7 - Sum of USoA 6005-6045 inclusive -db = ca

190,628.00 Interest expense on DVAs (recorded in Account 6035) Appendix 3 cell (ca)

Unrealized (gains)/losses on interest rate swaps if - db1

recorded in Account 6035

Other adjustments, please specify:

Interest expense after adjustments

- db2 - db3

- dc=da-db-db1-db2-db3

7,361,508.31

Regulated deemed debt, as per ROE Summary tab - dd 303,879,330.09 **ROE** Summary tab

cell (v1) + (w1)

Weighted average debt rate (%) - %de 3.35

- df=dd\*de 10,179,957.56 CoS Decision and Order Deemed interest

- dg=dc-df

Interest adjustment for deemed debt -2,818,449.25

# Appendix 5

Appendix o	
Property Plant & Equipment (PP&E) Prior year "Closing balance - regulated PP&E (NBV)" Adjustments if required, please explain the nature	Data Source - ea 415,903,516.30 Prior year "Closing balance - regulated PP&E (NBV)" data in RRR 2.1.5.6
	- eb
Opening balance - regulated PP&E (NBV)	- ec=ea+eb5,903,516.30
Total PP&E (NBV) - Closing Balance	- ed 459,969,380.49 RRR 2.1.7 - Sum of USoA 1605-2075, 2440 , and 2105-2180 inclusive
Construction Work-in-Progress (CWIP)	- ee 4,862,702.92 RRR 2.1.7 - USoA 2055
Non-distribution assets (NBV)	- ef 0.00 RRR 2.1.7 - USoA 2075 + USoA
Less other adjustments, please specify:	2180
Electrical Plant Acquisition Adjustment	- eg 8,922,838.78
	- eh
	- ei
	- ej
	- ek
	- el=ed-ee-ef-eg-eh-ei-ej-ek
Adjusted closing balance - regulated PP&E (NBV)	436,183,838.79

Appendix 6					
Current Tax for Regulatory Pu	ırposes				Tax Provision/ (Recovery)
Current Tax Provision/(Recover	y) as per the Audited			- fa	5,679,265.00
Financial Statments (AFS) Reassessment of taxes from pr tax provision as per AFS (add T	ax Payable/(Recover	ry))			
Loss carry forward from prior ye provision as per AFS	ears included in curre	nt tax - fa2			
Actual Tax rate (%) Current Tax Adjustment require	d to reconcile to RRR	- %xy 3 2.1.7	26.50	- fb	-716,905.87
trial balance					
Current Tax Provision/(Recov Check balance - Does fa+fb=fc		.7 USoA 6110		- fc - fa+fb = fc?	4,962,358.67 CORRECT
Adjustment items		(Income)/E	Expense		
Non-rate regulated items (Appe Non-recoverable donations (Ap		- gd=aq - ge=be	1,890,315.90 33,875.71	- fd=gd*xy - fe=ge*xy	500,933.71 8,977.06
Activity in Regulatory Accounts taxable income on Schedule 1,		- gf		- ff=gf*xy	0.00
Net carrying charges on DVAs ( Add back Actual interest expensional Deduct Deemed Interest Expensional CCA on Non-rate regulated ass	se (Appendix 4) se (Appendix 4)	- gg=cc - gh=dc - gi=-df - gj	-5,042.00 7,361,508.31 -10,179,957.56	- fg=gg*xy - fh=gh*xy - fi=gi*xy - fj=gj*xy	-1,336.13 1,950,799.70 -2,697,688.75 0.00
CEC adjustment on Goodwill from intangible assets that were not a last CoS				- fk=gk*xy	0.00
CCA adjustment on PP&E from approved in the distributor's las		e no - gl		- fl=gl*xy	0.00
Other adjustments (Please spe	cify)				
Merger Costs - adjust calculated Record Current Tax on Strande		- gm - gn - go	-2,331,216.54 2,552,863.09	0 ,	-617,772.38 676,508.72 0.00
Total Adjustment Items	gp=gd+ge+gf+gg+ k+gl+gm+gn+go	gh+gi+gj+g	-677,653.09	fp=fd+fe+ff+fç +fh+fi+fj+fk+fl +fm+fn+fo	-179,578.07
Current Tax Provision/(Recov	very) for the purpose	es of - fq=fc+fp			4,782,780.60

# **ROE Summary**

#### Instructions

A distributor shall report, in the form and manner determined by the OEB, the Regulated Return on Equity (ROE) earned in reporting year.

The reported ROE is to be calculated on the same basis as was used in the distributor's last Cost of Service (CoS).

The sign of the input cells are to be aligned with the sign of the accounts reported in RRR 2.1.7. Generally, revenue/gain ite are to be entered as negative numbers and expense/loss items are to be entered as positive numbers. Please read the RRR Filing Guide for the detailed guidance on the inputs of the form and appendices. Click here for tips and examples (from RRR Filing Guide)

Information from the distributor's last CoS Decision and Order and the successfully submitted RRR 2.1.7 trial balance have been pre-populated in this form.

Please review each input for accuracy and contact Industry Relations Enquiry if you have any questions

CoS Decision and Order Info			Data Source
The CoS Decision and Order EB number for the ROE	- XX	EB-2015-0075	CoS Decision and Order (last CoS establishing the current reporting year's base rates)
Accounting standard used in CoS Decision and Order	- yy	MIFRS	CoS Decision and Order
Regulated Net Income			Data Source
Regulated net income (loss), as per RRR 2.1.7	- a	18,802,627.70	RRR 2.1.7 - USoA 3046 * (-1)
Non-rate regulated items and other adjustments (Appendix 1)	- b	1,890,315.90	Appendix 1 cell (aq) Please provide USoAs
Unrealized (gains)/losses on interest rate swaps (Not applicable if recorded in Other Comprehensive Income)	- C		
Actuarial (gains)/losses on OPEB and/or Pensions not approved by the OEB	- d		
Non-recoverable donations (Appendix 2)	- e	33,875.71	Appendix 2 cell (be)
Net interest/carrying charges from DVAs (Appendix 3)	- f	-5,042.00	Appendix 3 cell (cc)
Interest adjustment for deemed debt (Appendix 4)	- g	-2,818,449.25	Appendix 4 cell (dg)
Adjusted regulated net income before tax adjustments			
Add back: - h=a+b+c+d+c	e+f+g	17,903,328.06	
Future/deferred taxes expense	- i	1,864,967.82	RRR 2.1.7 - USoA 6115
Current income tax expense (Does not include future income	ne ta: - j	4,962,358.67	RRR 2.1.7 - USoA 6110
Deduct: Current income tax expense for regulated ROE purposes	- k	4,782,780.60	Appendix 6 cell (fq)
(Appendix 6) Adjusted regulated net income	:h+i+j-k	19,947,873.95	

Deemed Equity			Data Source
Rate base:	- m	610,882,333.37	RRR 2.1.7 - Sum of USoA 4705-4751 inclusive
Cost of power	- n1	61,631,154.85	RRR 2.1.7 - Sum of USoA 4505-4640, 4805-5695, 6105 6205, 6210, and 6225, then subtract ROE Summary cell (d) and subtract ROE Summary cell (e)
Operating expenses before any applicable adjustmen	nts		
Other Adjustments:			
Merger Costs	- n2	2,331,216.54	5665
Adjusted operating expenses Total Cost of Power and Operating Expenses Working capital allowance % as approved in the las CoS Decision and Order	- n=n1-n2 - o=m+n - % p	59,299,938.31 670,182,271.68 12.00	CoS Decision and Order
Total working capital allowance (\$)	- q=o*p	80,421,872.60	
PP&E			
Opening balance - regulated PP&E (NBV) (Appendix	5) - r	415,903,516.30	Appendix 5 cell (ec)
Adjusted closing balance - regulated PP&E (NBV) (Appendix 5)	- S	436,183,838.79	Appendix 5 cell (el)
Average regulated PP&E	- t=(r+s)/2	426,043,677.55	
Total rate base	- u=q+t	506,465,550.15	
Regulated deemed short-term debt % and \$	- % v 4.00	- v1=v*u 20,258,622.01	Cell (v) from CoS Decision and Order
Regulated deemed long-term debt % and \$	- % w 56.00	- w1=w*u 283,620,708.08	Cell (w) from CoS Decision and Order
Regulated deemed equity % and \$	- % x 40.00	- x1=x*u 202,586,220.06	Cell (x) from CoS Decision and order
Regulated Rate of Return on Deemed Equity (ROE)			Data Source
Achieved ROE %	- % y=l/x1	9.85	
Deemed ROE % from the distributor's last CoS Decision and Order	- % Z	9.19	CoS Decision and Order
Difference - maximum deadband 3%	- % z1=y-z	0.66	
ROE status for the year (Over-earning/Under-earning/Within 300 basis points deadband)	- z2		If the distributor is in an over-earning position as indicate in cell (z2), please complete Appendices 7 & 8. If the distributor is in an under-earning position as indicated in cell (z2), please complete Appendices 9 & 10.

## **Over Earning Drivers**

#### Over-earning Drivers - Appendices 7 & 8

Instructions If the distributor's achieved ROE % is 300 basis points above the deemed ROE %, please complete Appendice 7 and 8.

Table 7.2 Regulated Net Income Variances: The revenue/gain variances are to be calculated as the achieved revenue/gair amounts for the reporting year minus the approved amounts in the last CoS. The cost/expense variances are to be calculated as the approved cost/expense amounts in the last CoS minus the achieved amounts for the reporting year.

Table 7.3 Regulated Deemed Equity Variances: The variances are to be calculated as the achieved working capital allowance/average regulated PP&E for the reporting year minus the approved amounts in the last CoS.

#### Appendix 7

#### **Drivers for Over-earners**

Table 7.1: Breakdown of the ROE difference into Regulated Net Income and Regulated Deemed Equity

#### Components of the

**Nature of the Variances** 

ROE calculation	Deemed last CoS	Achieved	Variance \$	Variance %*
ROE Amount (\$)	8,223,661.96	19,947,873.95	1,724,211.99	9.46
Regulated Deemed Equity (\$)	18,298,824.34	202,586,220.06	4,287,395.72	2.16
ROE (%)	9.19	9.85		0.66

<sup>\*</sup> Variance % for ROE Amount and Regulated Deemed Equity are calculated using the following equation: Variance % = Variance \$ / Deemed last CoS \* 100

Overall comment on variance between approved and achieved ROE

#### Table 7.2: Regulated Net Income Variances

Nature of the Variances		Variance \$	Detailed Explanation	
Change in Distribution revenues	- ha	·	·	
Rate riders that are recorded in distribution revenues collected for the year	- hb=ii		0.00	
Change in Other revenues	- hc			
Cost Variances:				
Change in OM&A expenses	- hd			
Change in Amortization expense	- he			
Change in Other expenses	- hf			
Change in Current tax expense	- hg			
Other variances for revenues, costs, e specify the nature of the other variance				
	- hh			
	- hi			
	- hj			
	- hk			
	- hl			
Total variance explained for regulated net income in Table	-	hm=ha+hb+h	c+hd+he+hf+hg+hh+hi+hj+hk 0.00	+hl

#### Table 7.3: Regulated Deemed Equity Variances

Total variance for regulated

net income per Table 7.1 (\$)

**Total variance explained (%)** 

Nature of the Variances		Variance \$ Detailed Explanation	
Change in Working capital allowance (\$)	- hp		
Change in Average regulated PP&E (NB	V) - hq		
Total variance explained for rate	- hr=hp+hq		
base (A) (\$)		0.00	
Total variance for regulated deemed	- hs=hr*40%		
equity per Table 7.1 (\$)		0.00	
Total variance for regulated deemed	- ht	4,287,395.72	
equity per Table 7.1 (\$)			
Total variance explained (%)	- % hv=hs/ht	0.00	

- % ho=hm/hn

1,724,211.99

0.00

## Earning above the 300 Basis Points per Customer/Connection per Month by main rate classes

## Table 8.1: Rate riders that are recorded in distribution revenues

Rate riders (Note 1)		Revenue collected (+) / refunded (-) in the year (\$)	Effective date	Sunset date
Foregone revenue rate rider Smart meters disposition rate rider Lost revenue adjustment mechanism (LRAM) rate rider Other rate riders (please specify as below):	- ia - ib - ic - id - ie - if - ig - ih			

Total ii=ia+ib+ic+id+ie+if+ig+ih 0.00

Note 1: Please do not include the revenues collected from SMIRR. For the rate rider revenues, please show the calculation by each of the rate rider.

Table 8.2: Net \$ for ROE over the 300 basis points excluding rate rider revenues

Total Annual Billing Distribution 0.00

Regulated Deemed Equity approved in th distributor's last CoS	e 300 Basis points	ROE \$ above the 300 Basis points deadband	Rate rider revenues collected in the year (Table 8.1) (\$)	Net \$ for ROE over the 300 basis points excluding rate rider revenues
ij	% ik=z1-3	il=ij*ik	im=ii	in=il-im
198,298,824.34	0.00	0.00	0.00	0.00

Table 8.3: Estimated customer impact (per month) for ROE over the 300 basis points

Rate Class	<u>Distribution</u>	Prior Year Customer Connections	Current Year Customer Connections	Average number of customers /	Allocated Net \$ for ROE over the 300 basis points per customer/connection
Residential	,238,545.00	223,311	223,311	222,291.50	0.00
General Service < 50 kW	,807,095.00	18,774	18,774	18,717.50	0.00
General Service >= 50 kW	,590,207.00	2,017	2,017	2,029.50	0.00
Large User	,233,692.00	12	12	11.50	0.00
Sub Transmission Customers	0.00	0	0	0.00	0.00
Embedded Distributor(s)	0.00	0	0	0.00	0.00
Street Lighting Connections	,997,191.00	53,042	53,042	52,987.00	0.00
Sentinel Lighting Connections	44,109.00	384	384	389.00	0.00
Unmetered Scattered Load Connection	s 459,741.00	3,019	3,019	3,033.50	0.00

## **Under Earning Drivers**

## Under-earning Drivers - Appendices 9 & 10

#### Instructions

If your achieved ROE% is 300 basis points **below** the deemed ROE%, please complete Appendices 9 and 10.

**Table 9.2 Regulated Net Income Variances:** The revenue/gain variances are to be calculated as the achieved revenue/ga amounts for the reporting year minus the approved amounts in the last CoS. The cost/expense variances are to be calculate as the approved cost/expense amounts in the last CoS minus the achieved amounts for the reporting year.

**Table 9.3 Regulated Deemed Equity Variances:** The variances are to be calculated as the achieved working capital allowance/average regulated PP&E for the reporting year minus the approved amounts in the last CoS

#### Appendix 9

**Variances** 

(NBV)

**Nature of the Variances** 

Change in Working capital allowance

Change in Average regulated PP&E

**Drivers for Under-earners** 

Table 9.1: Breakdown of the ROE difference into Regulated Net Income and Regulated Deemed Equity

Components of the ROE calculation	Deemed last CoS	Achieved	Variance \$	Variance %*
ROE Amount (\$)	8,223,661.96	19,947,873.95	1,724,211.99	9.46
Regulated Deemed Equity (\$)	18,298,824.34	202,586,220.06	4,287,395.72	2.16
ROE (%)	9.19	9.85		0.66

<sup>\*</sup> Variance % for ROE Amount and Regulated Deemed Equity are calculated using the following equation:

Variance % = Variance \$ / Deemed last CoS \* 100

Overall comment on variance between approved and achieved ROE

Table 9.2: Regulated Net Income Varia	ances		
Nature of the Variances Revenue Variances:		Variance \$	<b>Detailed Explanation</b>
Change in Distribution revenues Rate riders that are recorded in	- ja		
distribution revenues collected for the	- jb=k	i	
year		0.00	
Change in Other revenues	- jc		
Cost Variances:			
Change in OM&A expenses	- jd		
Change in Amortization expense	- je		
Change in Other expenses Change in Current tax expense	- jf - jg		
Other variances for revenues, costs, etc., if any (Please specify the nature of the other variances provided below):	f		
	- jh		
	- ji - jj		
	- jk		
	- jl		
Total variance explained for regulated net income in Table 9.2 (\$)	- jm=	ia+ib+ic+id+ie+if 0.00	f+ig+jh+ji+ji+jk+jl
Total variance for regulated net income per Table 9.1 (\$)	- jn	1,724,211.99	
	- % jc	=jm/jn	
Total variance explained (%)		0.00	
Table 9.3: Regulated Deemed Equity			

Variance \$

- jp

- jq

**Detailed Explanation** 

Page 8 of 10

Total variance explained for rate base (A) (\$)	- jr=jp+jq	0.00
Total variance explained for regulated deemed equity (A X 40%) (\$)	- js=jr*40%	0.00
Total variance for regulated deemed equity per Table 9.1 (\$)	- jt	4,287,395.72

#### Appendix 10

**Total** 

## Earning below the 300 basis points per Customer/Connection per month by main rate classes

Rate riders (Note 1)		Revenue collected (+) / refunded (-) in the year (\$)	Effective date	Sunset date
Foregone revenue rate rider Smart meters disposition rate rider Lost revenue adjustment mechanism (LRAM) rate rider	- ka - kb - kc			
Other rate riders (Please specify as below):	- kd - ke - kf - kg - kh			

0.00

Note 1: Please do not include the revenues collected from SMIRR. For the rate rider revenues, please show the calculation each of the rate rider.

Table 10.2: Net \$ for ROE under the 300 basis points excluding rate rider revenues

- ki=ka+kb+kc+kd+ke+kf+kg+kh

Equity approved in the	ROE % below the 300 Basis points deadband % kk=z1+3	ROE \$ below the 300 Basis points deadband kl=kj*kk	Rate rider revenues collected in the year (Table 10.1) km=ki	Net \$ for ROE under the 300 basis points excluding rate rider revenues kn=kl+km
198,298,8	0.00	0.00	0.00	0.00

Table 10.3: Estimated customer impact (per month) for ROE under the 300 basis points

Rate Classes	Annual Billings Distribution Revenue Account 4080 (RRR	Prior Year number of Customer Connections (RRR 2.1.2Q4)	Current Year number of Customer Connections (RRR 2.1.2Q4)	Average of customers/ connections	Allocated Net \$ for ROE
Residential	,238,545.00	223,311	223,311	222,291.50	0.00
General Service < 50 kW	,807,095.00	18,774	18,774	18,717.50	0.00
General Service >= 50 kW	,590,207.00	2,017	2,017	2,029.50	0.00
Large User	,233,692.00	12	12	11.50	0.00
Sub Transmission Customers	0.00	0	0	0.00	0.00
Unmetered Scattered Load	459,741.00	3,019	3,019	3,033.50	0.00
Connections					
Embedded Distributor(s)	0.00	0	0	0.00	0.00
Sentinel Lighting Connections	44,109.00	384	384	389.00	0.00
Street Lighting Connections	,997,191.00	53,042	53,042	52,987.00	0.00
Total Approal Dilling Distribution	0.00				