#### **UNDERTAKING NO. JT1.1:**

TO TAKE THE ACTUALS FOR 2009 AND 2010 AND ALSO THE 11 MONTHS OF 2011 AND, USING THE COEFFICIENTS FOR HDD AND CDD, ADJUST THE ACTUAL WEATHER NORMAL, BASED ON THOSE COEFFICIENTS AND DIFFERENCES IN WEATHER.

#### **Response:**

The following table provides the requested information.

	2009	2010	2011 to Nov
Actual Purchases	355,895,069	361,293,097	322,121,230
Actual HDD Values	3,934	3,661	3,208
Actual CDD Values	151	365	330
"Weather Normal" HDD Values	3,828	3,828	3,200
"Weather Normal" CDD Values	271	271	271
HDD coefficient fro Norfolk Power			
regression model	9,481	9,481	9,481
CDD coefficient fro Norfolk Power			
regression model	62,970	62,970	62,970
Weather Normal Adjustment based on			
the product of HDD and CDD coefficients			
and the difference between actual and			
weather normalized HDD and CDD			
values respectively	6,532,037	(4,321,366)	(3,816,962)
Estimated "weather normal purchases"			
calculated by adjusting actual purchases			
by the values derived in the row above	362,427,107	356,971,731	318,304,268

#### **UNDERTAKING NO. JT1.2:**

## RE-RUN COST ALLOCATION AS FILED USING A WEIGHTING FACTOR OF ONE FOR SERVICES FOR USL, AS OPPOSED TO ZERO, AND ADDRESS THE ISSUE OF WHETHER ONE OR ZERO IS THE APPROPRIATE NUMBER BASED ON THE CALCULATION.

#### **Response:**

The following table shows the difference in the revenue to cost ratios between the January 11, 2012 version of the cost allocation study and the same cost allocation study which has been revised to reflect a services weighting factor of one for USL.

	Revenue		
	to Cost	Revenue	
	Ratio	to Cost	
	Jan	Ratio	
Rate Class	11/2012	JT1.2	Difference
Residential	103.86%	103.87%	0.01%
GS <50	110.66%	110.67%	0.02%
GS>50-Regular	79.11%	79.12%	0.00%
Street Light	85.74%	85.74%	0.00%
Sentinel	90.94%	90.94%	0.00%
Unmetered			
Scattered Load	208.92%	194.05%	-14.87%
Embedded			
Distributor	44.69%	44.69%	0.00%

Norfolk provides the service drop to USL customers.

## **UNDERTAKING NO. JT1.3:**

### TO UPDATE TABLE AT EXHIBIT 7, TAB 1, PAGE 7

## **Response:**

The following table provides the requested information.

Class	2010 IRM Application	2012 Updated Cost Allocation Study	2012 Proposed Ratios	2013 Proposed Ratios	2014 Proposed Ratios		Targets Max
Residential	103.8%	103.9%	103.9%	103.9%	103.9%	85.0%	115.0%
GS < 50 kW	101.2%	110.7%	110.5%	110.5%	110.5%	80.0%	120.0%
General Service 50 to 4999 kW	92.4%	79.1%	79.1%	79.1%	79.1%	80.0%	120.0%
Sentinel Lights	70.0%	90.9%	90.9%	90.9%	90.9%	80.0%	120.0%
Street Lighting	70.0%	85.7%	85.7%	85.7%	85.7%	70.0%	120.0%
Unmetered Scattered Load	100.7%	208.9%	110.5%	110.5%	110.5%	80.0%	120.0%
Embedded Distributor	n/a	44.7%	100.0%	100.0%	100.0%	80.0%	120.0%

#### **UNDERTAKING NO. JT1.4:**

TO CONFIRM ASSUMPTIONS USED REGARDING 2006 CFL GIVEAWAYS IN EARLIER LRAM CLAIM; RECONCILE LIFE AND SAVINGS ASSUMPTIONS WITH THOSE IN CURRENT APPLICATION

#### **Response:**

Please see Appendix A.

#### **UNDERTAKING NO. JT1.5**

#### TO PROVIDE THE CALCULATION IN BOARD STAFF IR NO. 11.

#### **Response:**

The following table contains the same expenses listed in Norfolk's response to Board Staff Interrogatory #11e).

	2011 CGAAP	2012 IFRS
Repairs	87,903	88,513
Fuel	29,100	43,262
Depreciation	111,550	121,250
Insurance	10,573	10,864
Tools	9,000	
Property Charges	36,000	
	284,126	263,889
Under-Allocated	19,934	
Percentage Change Required	7.0%	-7.1%
Rates		
Small Vehicle	\$14.00	
Large Vehicle	\$44.00	
Required Rate for full allocation		
Small Vehicle	14.98	\$ 13.92
Large Vehicle	47.09	\$ 43.73

In 2011 the vehicle rates of \$14.00 and \$44.00 were under allocating by 7%. The actual amount to achieve full allocation would have required rates of \$14.98 and \$47.09, which Norfolk would have rounded to \$15.00 and \$47.00 in 2012. However under IFRS the removal of tools and property charges would reduce the vehicle rates to \$13.92 and \$43.73, which Norfolk would have rounded to \$14.00 and \$44.00.

In reviewing the information above Norfolk notes the fuel expense for 2012 is not in line with 2011 and submits this amount should be reduced by \$14,000, with total expenses revised to \$249,889. This results in a small vehicle rate to \$13.18, rounded to \$13.00 and \$41.43 rounded

Norfolk Power Distribution Inc. EB-2011-0272 Undertaking Responses January 17, 2012 Page 6 to \$41.00. This will result in \$14,000 less in capital spending. OM&A will also be reduced by a similar amount.

### **UNDERTAKING NO. JT1.6**

## TO PROVIDE THE CALCULATION OF WEIGHTED AVERAGES FOR LIFE FOR BOTH 30.42 and 35.42.

#### **Response:**

#### 35 Year Useful Life

	2002	2003	2004	2005	2006	2007	2008	2009	2010	
Gross Fixed Assets - Opening	0	481,681	629,080	846,215	1,124,219	1,548,550	2,110,067	2,616,766	2,708,789	
Additions	481,681	147,399	217,135	278,004	424,331	561,517	506,699	92,023	374,605	
Gross Fixed Assets - Closing	481,681	629,080	846,215	1,124,219	1,548,550	2,110,067	2,616,766	2,708,789	3,083,394	
Accumulated Depreciation - Opening	0	19,267	44,430	78,279	123,248	185,190	258,363	352,900	459,411	
Depreciation Expense - Current Yr Purch	19,267	5,896	8,685	11,120	16,973	11,230	10,134	1,840	7,492	
Depreciation Expense - Prior Years' Purch	0	19,267	25,163	33,849	44,969	61,942	84,403	104,671	108,352	
Accumulated Depreciation - Closing	19,267	44,430	78,279	123,248	185,190	258,363	352,900	459,411	575,255	
NET BOOK VALUE (TOTAL)	462,413	584,649	767,936	1,000,971	1,363,359	1,851,704	2,263,866	2,249,378	2,508,140	
Net Book Value, Current Year's Purchases - Upon IFRS Adoption (Jan 1, 2011)	308,276	100,232	156,337	211,283	339,465	482,905	456,029	86,502	367,113	
IFRS Useful Life	35	35	35	35	35	35	35	35	35	
Age of Asset on Dec 31/10	9	8	7	6	5	4	3	2	1	
Remaining Useful Life on transition to IFRS	26	27	28	29	30	31	32	33	34	
WEIGHTED AVERAGE REMAINING USEFUL LIFE UNDER MIFRS (NBV Current Years' Purch/Total NBV X Remaining Useful Life)	3.20	1.08	1.75	2.44	4.06	5.97	5.82	1.14	4.98	30.42

### 40 Year Useful Life

	2002	2003	2004	2005	2006	2007	2008	2009	2010	
Gross Fixed Assets - Opening	0	481,681	629,080	846,215	1,124,219	1,548,550	2,110,067	2,616,766	2,708,789	
Additions	481,681	147,399	217,135	278,004	424,331	561,517	506,699	92,023	374,605	
Gross Fixed Assets - Closing	481,681	629,080	846,215	1,124,219	1,548,550	2,110,067	2,616,766	2,708,789	3,083,394	
Accumulated Depreciation - Opening	0	19,267	44,430	78,279	123,248	185,190	258,363	352,900	459,411	
Depreciation Expense - Current Yr Purch	19,267	5,896	8,685	11,120	16,973	11,230	10,134	1,840	7,492	
Depreciation Expense - Prior Years' Purch	0	19,267	25,163	33,849	44,969	61,942	84,403	104,671	108,352	
Accumulated Depreciation - Closing	19,267	44,430	78,279	123,248	185,190	258,363	352,900	459,411	575,255	
NET BOOK VALUE (TOTAL)	462,413	584,649	767,936	1,000,971	1,363,359	1,851,704	2,263,866	2,249,378	2,508,140	
Net Book Value, Current Year's Purchases - Upon IFRS Adoption (Jan 1, 2011)	308,276	100,232	156,337	211,283	339,465	482,905	456,029	86,502	367,113	
IFRS Useful Life	40	40	40	40	40	40	40	40	40	
Age of Asset on Dec 31/10	9	8	7	6	5	4	3	2	1	
Remaining Useful Life on transition to IFRS	31	32	33	34	35	36	37	38	39	
WEIGHTED AVERAGE REMAINING USEFUL LIFE UNDER MIFRS (NBV Current Years' Purch/Total NBV X Remaining Useful Life)	3.81	1.28	2.06	2.86	4.74	6.93	6.73	1.31	5.71	3

#### **UNDERTAKING NO. JT1.7:**

#### TO PROVIDE CALCULATION FOR IN-HOUSE COSTS FOR THE COUNTY.

#### **Response:**

Please note Norfolk has the following estimate for in-house costs for the county. For clarity, this estimate was prepared by Norfolk alone, and not with county staff.

Estimate of Cost to County to do In-house water & sewer bill	ing
2 Customer Service Staff - billing and answering enquiries.	\$126,214
Postage and Stock, 76 cents per bill	128,592
Electronic Meter Reading, 10 cents per bill	16,920
TGB Sites (2 sites x \$2,000 per month)	48,000
IT Expenses , Software Maintenance and Miscellaneous	25,000
Total Costs	\$344,726
Cost per bill, per month (based on 14,100 bills)	\$2.04

The actual price agreed upon is \$2.34/bill. At an estimated 14,247 bills for 2012, for a total of \$400,056.

#### **UNDERTAKING NO. JT1.8:**

TO PROVIDE UPDATED TABLE IN RESPONSE TO BOARD STAFF TECHNICAL CONFERENCE QUESTION NO. 9

#### **Response:**

	With April 28 <sup>th</sup> Wind storm	Without April 28 <sup>th</sup> Wind storm
Including Hydro One		
Loss of Supply		
SAIDI	10.032	2.760
SAIFI	3.907	3.429
Excluding Hydro One		
Loss of Supply		
SAIDI	5.744	2.597
SAIFI	2.777	2.370

#### UNDERTAKING NO. JT1.9:

## TO PROVIDE AN EXPLANATION OF HOW THE AVERAGE NET FIXED ASSETS FOR IFRS OF 53.13-MILLION WAS DERIVED.

#### Response

	2011 Bridge IFRS - Closing Net Fixed Assets	2012 Test IFRS - Add Smart Meter Net Fixed Assets to Opening 2012 Net Fixed Assets	Stranded Meters from Opening 2012	2012 Test IFRS - Revised Opening Balance	2012 Test IFRS
Gross Fixed Assets	77,871,181	3,620,386	(914,164)	80,577,403	84,814,529
Accumulated Depreciation	(27,801,750)	(606,551)	53,493	(28,354,808)	(30,764,728)
Net Book Value	50,069,431	3,013,835	(860,671)	52,222,595	54,049,800
Average Net Book Value (Opening 2012+Closing 2012 / 2)					53,136,198

#### **UNDERTAKING NO. JT1.10:**

TO PROVIDE THE DEFERRAL ACCOUNT BALANCE DIVIDED BY FOUR YEARS, PLUS THE RETURN.

**Response:** 

	2011 CGAAP	2011 MIFRS	Difference - PP&E Deferral Amount
Gross Fixed Assets	78,511,837	77,871,181	
Accumulated Depreciation	(28,782,376)	(27,801,750)	
Net Book Value	49,729,461	50,069,431	339,970

Annual Amortization of PP&E Amount (25% of \$339,970 for 2012, 2013, 2014 & 2015)	84,992
Add: Return on Rate Base (7.06%)	6,000
Reduction in Annual Depreciation Expense	90,993

#### **UNDERTAKING NO. JT1.11**

TO PROVIDE THE FIXED ASSET CONTINUITY SCHEDULES FOR 2011 AND 2012 UNDER MIFRS AND CGAAP, ASSUMING THAT THE HALF–YEAR RULE ONLY TAKES EFFECT IN 2012, AND ALSO WITH THE MODIFICATION TO THE PP&E AMOUNT AMORTIZED TO DEPRECIATION EXPENSE.

## Response: 2011 CGAAP

#### REVISED TABLE 2.5 Fixed Asset Continuity Schedule

#### Year CGAAP 2011 Bridge - No Half Year

						Cos	st			Accumulated Depreciation - REVISED							
CCA			Depreciation		pening				Closing		Opening						
Class		Description	Rate		alance	Additions	Disposals		Balance	_	Balance	_	dditions	Disposals	Closing Balance		Net Book Value
N/A		Land	N/A	\$	391,259	Ş -		\$	391,259	\$	-	\$	-		\$ -	-	\$ 391,259
	1806	Land Rights		\$	302,784	Ş -		\$	302,784	\$	-	\$	-		\$ -	_	\$ 302,784
47		Buildings	2.00%	- ·	1,620,078	\$ -		\$	1,620,078	-\$	182,267	-\$	32,402		-\$ 214,66	_	•
13	1810	Leasehold Improvements	N/A	\$	-	\$ -		\$	-	\$	-	\$	-		\$ -	_	\$-
47	1815	Transformer Station Equipment >50 kV	2.00%		8,912,383	Ş -		\$	8,912,383	-\$	600,773	-\$	222,846		-\$ 823,63	-	\$ 8,088,764
47	1820	Distribution Station Equipment <50 kV	3.30%		2,767,848	\$ 116,000		\$	2,883,848	-\$	392,772	-\$	91,731		-\$ 484,50	)3	\$ 2,399,345
47	1825	Storage Battery Equipment	N/A	\$		\$ -		\$	-	\$	-	\$	-		\$-	-	\$-
47	1830	Poles, Towers & Fixtures	4.00%	\$ 20	0,857,358	\$ 1,061,723		\$	21,919,081	-\$	7,277,109	-\$	907,668		-\$ 8,184,7	77 :	\$ 13,734,304
47	1835	Overhead Conductors & Devices	4.00%	\$ 11	1,716,783	\$ 943,323		\$	12,660,106	-\$	3,123,676	-\$	506,404		-\$ 3,630,08	30	\$ 9,030,026
47	1840	Underground Conduit	4.00%	\$ 4	4,005,396	\$ 55,610		\$	4,061,006	-\$	1,516,620	-\$	145,048		-\$ 1,661,66	58	\$ 2,399,338
47	1845	Underground Conductors & Devices	4.00%	\$ E	6,686,432	\$ 237,218		\$	6,923,650	-\$	1,792,174	-\$	276,946		-\$ 2,069,12	20	\$ 4,854,530
47	1850	Line Transformers	4.00%	\$ 11	1,982,442	\$ 978,827		\$	12,961,268	-\$	6,769,499	-\$	373,358		-\$ 7,142,8	57	\$ 5,818,412
47	1855	Services (Overhead & Underground)	4.00%	\$ 2	2,778,385	\$ 140,599		\$	2,918,984	-\$	543,696	-\$	116,759		-\$ 660,45	55	\$ 2,258,528
47	1860	Meters	4.00%	\$ 4	4,157,133	\$ 77,000		\$	4,234,133	-\$	2,387,956	-\$	161,415		-\$ 2,549,3	71	\$ 1,684,762
47	1860	Meters (Smart Meters)	N/A	\$		\$ -		\$	-	\$	-	\$	-		\$ -	:	\$-
N/A	1905	Land	N/A	\$	243,636	\$ -		\$	243,636	\$	-	\$	-		Ş -	:	\$ 243,636
CEC	1906	Land Rights	N/A	\$		\$ -		\$	-	\$	-	\$	-		\$ -	:	ş -
47	1908	Buildings & Fixtures	2.00%	\$ 2	2,307,288	\$ 10,000		\$	2,317,288	-\$	844,337	-\$	34,332		-\$ 878,66	59	\$ 1,438,618
13	1910	Leasehold Improvements	10.00%	\$	6,177	\$ -		\$	6,177	-\$	3,863	-\$	640		-\$ 4,50	)3	\$ 1,674
8	1915	Office Furniture & Equipment (10 years)	10.00%	\$	152,930	\$ 15,000		\$	167,930	-\$	96,582	-\$	15,267		-\$ 111,84	19	\$ 56,080
8	1915	Office Furniture & Equipment (5 years)	N/A	\$	-	\$ -		\$	-	\$	-	\$	-		\$ -	:	\$-
10	1920	Computer Equipment - Hardware	20.00%	\$	714,926	\$ 40,000		\$	754,926	-\$	587,546	-\$	71,552		-\$ 659,09	8	\$ 95,828
45	1920	Computer EquipHardware(Post Mar. 22/04)	20.00%	Ş	-	\$ -		\$	-	\$	-	\$	-		\$ -	:	s -
45.1	1920	Computer EquipHardware(Post Mar. 19/07)	20.00%	\$	-	\$ -		\$	-	\$	-	\$	-		\$ -	:	\$-
50	1920	Computer Hardware (Smart Meters)	20.00%	Ş	-	\$ -		\$	-	\$	-	\$	-		\$ -	:	\$-
12	1925	Computer Software	20.00%	\$	295,773	\$ 10,000		\$	305,773	-\$	185,728	-\$	38,447		-\$ 224,1	75 :	\$ 81,598
12	1925	Computer Software (Smart Meters)	20.00%	\$	-	Ś -		\$	-	\$	-	\$	-		\$ -	:	s -
10	1930	Transportation Equipment	10% to 25%	\$ 1	1,538,637	\$ 350,000		\$	1,888,637	-\$	1,020,867	-\$	218,408		-\$ 1,239,2	75 :	\$ 649,362
8	1935	Stores Equipment	10.00%	\$	39,562	\$ 1,000		\$	40,562	-\$	25,339	-\$	4,056		-\$ 29,39	96	\$ 11,166
8	1940	Tools, Shop & Garage Equipment	10.00%	\$	317,724	\$ 12,000		\$	329,724	-\$	,	-\$	32,067		-\$ 220,09	_	
8	1945	Measurement & Testing Equipment	10.00%	Ś	180,868	\$ 6,000		Ś	186,868	-Ś	112,081	-Ś	18,687		-\$ 130,76	_	
8		Power Operated Equipment	N/A	\$	-	\$ -		Ś		Ś		Ś	-		\$ -		
8	1955	Communications Equipment	10.00%	Ś	107,927	\$ 8,000		Ś	115,927	-\$	58,705	-\$	11,593		-\$ 70,29	_	\$ 45,629
8	1955	Communication Equipment (Smart Meters)	N/A	Ś	-	\$ -		Ś	-	Ś	-	Ş	-		\$ -		
8		Miscellaneous Equipment	10.00%	Ś	428,220	\$ 5,000		\$	433,220	-\$	143,462	-\$	43,322		-\$ 186,78	_	
8		Miscellaneous Equipment (Smart Meters)	10.00%	Ś	-	\$ <u>5,000</u>		Ś	-	Ś	-	Ś	43,322		- <del>5</del> 100,70	_	\$ <u>240,450</u> \$-
47	1975	Load Management Controls Utility Premises	N/A	Ś		Ś.		Ś	-	Ś		Ş	-		\$ -		
47	1975	System Supervisor Equipment	6.70%		- 1,154,641	\$ 231,000		\$	1,385,641	-\$	- 343,685	ې -\$	92,376		-\$ 436,06	_	\$
47	1980	System Supervisor Equipment - Hardware	20.00%	\$ I	22,132	÷ 231,000		Ş	22,132	-\$	8,948	-ş -\$	4,426		-\$ 430,00	_	
45.1	1980	Miscellaneous Fixed Assets	20.00% N/A	\$ \$	22,152	Ś.		ş	22,132		0,540	-> \$	4,420		-\$ 15,5.	/4	
47	1965	Contributions & Grants	4.00%	· ·	- 8.473.522	-\$ 1.011.700		-\$	- 9.485.222	ş Ş	- 1.977.374	ş Ş	379.409		\$ 2,356,78	_	ŧ.
47			4.00%	· ·	8,473,522 10,039	\$ 1,011,700		-> \$	9,485,222	\$ -\$	6,023	\$ -\$	379,409		-\$ 2,356,78	_	\$ 7,128,439 \$ 3,012
8 N/A	2005	Property Under Capital Lease	10.00% N/A	\$ \$	10,059	ş - \$ -		Ş	10,039	-\$ \$	0,023	-> \$	1,004		-\$ 7,0, \$ -	2/ 3	
N/A	2055	Work In Progress	N/A		- 5,225,237	\$ - \$ 3,286,600	\$ .	τ	- 78,511,837	\$ -\$	- 26,234,356	\$ -\$	- 3,041,345	\$ -	-\$ 29,275,7		Ŧ
		10(d)		φ /t	0,220,237	φ 3,200,0UU	φ -	¢	10,011,03/	-¢	20,234,350	-9	3,041,345	φ -	-φ 29,2/5,/		a 49,∠30,130

10	Transportation
8	Stores Equipment & Garage Tools
12/45	Computer Hardware & Software

Less: Fully Allocated Depreciation									
Transportation	-\$	218,408							
Stores & Garage Equipment	-\$	34,077							
Computer HW & SW	-\$	110,000							
Net Depreciation to Inc. Stmt	-\$	2,678,861							

#### **2012 CGAAP**

#### **REVISED TABLE 2.6** Fixed Asset Continuity Schedule

#### Year CGAAP Revised 2012 Test - Full Year Up to 2012

				Cost					Accumulated Depreciation					
CCA			Depreciation	Opening				Opening Closing					-	
Class	-	Description	Rate	Balance	Additions	Disposals	Closing Balance	4	Balance	Additions	Disposals	Balance	-	Book Value
N/A	1805	Land	N/A	\$ 391,259	\$ -		\$ 391,259	11	\$ -	\$ -		\$ -	\$	391,259
CEC	1806	Land Rights	N/A	\$ 302,784	\$-		\$ 302,784	JL	\$ -	\$-		\$-	\$	302,784
47	1808	Buildings	2.00%	\$ 1,620,078	\$-		\$ 1,620,078	16	-\$ 214,669	-\$ 32,402		\$ 247,071	\$	1,373,008
13	1810	Leasehold Improvements	N/A	\$ -	\$-		\$-	11	\$ -	\$ -		\$-	\$	-
47	1815	Transformer Station Equipment >50 kV	2.00%	\$ 8,912,383	\$ -		\$ 8,912,383	1 [	-\$ 823,619	-\$ 222,846		\$ 1,046,465	\$	7,865,918
47	1820	Distribution Station Equipment <50 kV	3.30%	\$ 2,883,848	\$ 275,000		\$ 3,158,848	11	-\$ 484,503	-\$ 100,898		\$ 585,400	\$	2,573,447
47	1825	Storage Battery Equipment	N/A	Ś -	Ś -		Ś -	11	Ś -	Ś -		Ś -	\$	
47		Poles, Towers & Fixtures	4.00%	\$ 21,919,081	\$ 1,488,000		\$ 23,407,081	11	-\$ 8,184,777	-\$ 967,188		\$ 9,151,965	\$	14,255,116
47		Overhead Conductors & Devices	4.00%	\$ 12,660,106	\$ 945,000		\$ 13,605,106	11	-\$ 3,630,080	-\$ 544,204		\$ 4,174,284	\$	9,430,822
47		Underground Conduit	4.00%	\$ 4,061,006	\$ 220,000		\$ 4,281,006	11	-\$ 1,661,668	-\$ 153,848	1	\$ 1,815,516	ŝ	2,465,490
47		Underground Conductors & Devices	4.00%	\$ 6,923,650	\$ 303,000		\$ 7,226,650	11	-\$ 2,069,120	-\$ 289,066		\$ 2,358,186	\$	4,868,464
47		Line Transformers	4.00%	\$ 12,961,268	\$ 976,000		\$ 13,937,268	11	-\$ 7,142,857	-\$ 340,440		\$ 7,483,297	\$	6,453,972
47		Services (Overhead & Underground)	4.00%	\$ 2,918,984	\$ 375,000		\$ 3,293,984	11	-\$ 660,455	-\$ 131,759		\$ 792,215	\$	2,501,769
47		Meters	4.00%	\$ 2,101,524	\$ 348,000		\$ 2,449,524	11	-\$ 1,330,926	-\$ 106,811	1	\$ 1,437,737	ş S	1,011,786
47		Meters Meters (Smart Meters)		\$ 3,048,404	\$ 546,000		\$ 2,449,524 \$ 3,048,404	4 6	-\$ 1,330,926	-\$ 106,811		\$ 1,437,737 \$ 641,552	۵ ۶	2,406,852
			6.67%	. , ,	Ş -		÷ 0,0.0,.0	41	-\$ 438,325	-\$ 203,227		1 . /	\$	
N/A	1905	Land	N/A	\$ 243,636	<u>\$</u> -		\$ 243,636	4	<u>Ş</u> -	Ş -		<u>\$</u> -	\$	243,636
CEC	1906	Land Rights	N/A	\$ -	<u>Ş</u> -		Ş -	41	\$ -	\$ -		\$ -	\$	-
47		Buildings & Fixtures	2.00%	\$ 2,317,288	Ş -		\$ 2,317,288	41	-\$ 878,669	-\$ 34,332		\$ 913,001	\$	1,404,286
13		Leasehold Improvements	10.00%	\$ 6,177	Ş -		\$ 6,177	41	-\$ 4,503	-\$ 640		\$ 5,142	\$	1,035
8		Office Furniture & Equipment (10 years)	10.00%	\$ 167,930	\$ 15,500		\$ 183,430	41	-\$ 111,849	-\$ 14,265	•	\$ 126,114	\$	57,316
8	1915	Office Furniture & Equipment (5 years)	N/A	\$ -	\$ -		\$ -	11	\$ -	\$ -		\$ -	\$	
10	1920	Computer Equipment - Hardware	20.00%	\$ 754,926	\$ 40,000		\$ 794,926	11	-\$ 659,098	-\$ 65,582		\$ 724,681	\$	70,245
45	1920	Computer EquipHardware(Post Mar. 22/04)	20.00%	\$-	\$-		\$ -	JL	\$ -	\$-		\$-	\$	
45.1	1920	Computer EquipHardware(Post Mar. 19/07)	20.00%	\$-	\$-		\$ -	11	\$ -	\$-		\$-	\$	
50	1920	Computer Hardware (Smart Meters)	20.00%	\$ 33,340			\$ 33,340		-\$ 16,670	-\$ 6,668		\$ 23,338	\$	10,002
12	1925	Computer Software	20.00%	\$ 305,773	\$ 142,500		\$ 448,273	] [	-\$ 224,175	-\$ 55,759		\$ 279,933	\$	168,339
12	1925	Computer Software (Smart Meters)	20.00%	\$ 242,625			\$ 242,625	1 [	-\$ 78,266	-\$ 48,525		\$ 126,791	\$	115,834
10	1930	Transportation Equipment	10% to 25%	\$ 1,888,637	\$ 130,000		\$ 2,018,637	11	-\$ 1,239,275	-\$ 208,351		\$ 1,447,626	\$	571,011
8	1935	Stores Equipment	10.00%	\$ 40,562	\$ 1,000		\$ 41,562	11	-\$ 29,396	-\$ 3,273		\$ 32,669	\$	8,893
8		Tools, Shop & Garage Equipment	10.00%	\$ 329,724	\$ 20,000		\$ 349,724	11	-\$ 220,090	-\$ 29,607		\$ 249,697	\$	100,027
8		Measurement & Testing Equipment	10.00%	\$ 186,868	\$ 2,000		\$ 188,868	11	-\$ 130,767	-\$ 13,971		\$ 144,738	\$	44,130
8		Power Operated Equipment	N/A	\$ -	\$ -		\$ -	11	\$ -	\$ -		<u>\$</u> -	ŝ	-
8		Communications Equipment	10.00%	\$ 115,927	\$ 53,000		\$ 168,927	11	-\$ 70,298	-\$ 14,847		\$ 85,145	\$	83,782
8		Communication Equipment (Smart Meters)	N/A	\$ -	\$ <u>-</u>		\$ 100,527 \$ -	11	- <u>\$ 70,250</u> \$ -	\$ -		\$ - \$ -	ş	
8		Miscellaneous Equipment	10.00%	\$ 433,220	\$ 5,000		\$ 438,220	11	-\$ 186,784	-\$ 43.822		\$ 230,606	ş	207.614
8		Miscellaneous Equipment (Smart Meters)	10.00%	\$ 296,017	ç 3,000		\$ 296,017	11	-\$ 130,784	-\$ 43,822		\$ 230,000 \$ 102,892	ş	193,125
0 47	1960		N/A	\$ 290,017 \$ -	ć		\$ 296,017	ſŀ	<u>-\$ 73,290</u> \$ -	-\$ 29,002 \$ -	i	<u>\$ 102,892</u> \$ -	۵ ۶	193,125
47		Load Management Controls Utility Premises	N/A 6.70%	\$ 1,385,641	\$ 100.000		\$ - \$ 1.485.641	┨┠	-\$ 436.061	\$ - -\$ 99.043		<u>\$</u> - \$535.104	ծ Տ	950.537
		System Supervisor Equipment		/ //-	\$ 100,000		÷ _,,	┨┠	1			+ + + + + + + + + + + + + + + + + + + +	·	
45.1		System Supervisor Equipment - Hardware	20.00%	\$ 22,132	Ş -		\$ 22,132	11	-\$ 13,374	-\$ 4,426		\$ 17,801	\$	4,331
47		Miscellaneous Fixed Assets	N/A	\$ -	\$ -		\$ -	41	Ş -	Ş -		\$ -	\$	-
47		Contributions & Grants	4.00%	-\$ 9,485,222	-\$ 749,600		-\$ 10,234,822	41	\$ 2,356,783	\$ 409,393		\$ 2,766,176	-\$	7,468,646
8		Property Under Capital Lease		\$ 10,039	Ş -		\$ 10,039		-\$ 7,027	-\$ 1,004		\$ 8,031	\$	2,008
N/A		Work In Progress	N/A	\$ -	\$ -		\$ -	11	\$ -	\$ -		\$ -	\$	-
		Total		\$ 79,999,614	\$ 4,689,400	\$-	\$ 84,689,014	1 L	-\$ 28,663,808	-\$ 3,357,013	\$	\$ 32,020,820	\$	52,668,194

10	Transportation	
8	Stores Equipment & Garage Tools	
12/45	Computer Hardware & Software	

Subtract: SM Gross Fixed Assets Add Back: Stranded Meters Removed Reconciles to 2011 Closing (3,620,386) 2,132,609 78,511,837 Subtract: SM Accum Deprec 606,551 Add Back: Stranded Meters Removed (1,218,445) Reconciles to 2011 Closing (29,275,702)

Net Depreciation to Inc. Stmt \_\$ 2,996,487

Stores & Garage Equipment

Less: Fully Allocated Depreciation

208,351

30,834

121,341

-\$ -\$ -\$

Computer HW & SW

Transportation

#### **2011 IFRS**

#### REVISED TABLE 5.1 Fixed Asset Continuity Schedule

Year 2011 Bridge IFRS - No Half-Yr Rule

				Cost				Accumulated Depreciation								
CCA			Depreciation	Opening Closing					Closing	Opening Closing						Net Book
Class	OEB	Description	Rate	Balance	Additio	ns	Disposals		Balance		Balance	Additions	Disposals	Balance		Value
N/A	1805	Land	N/A	\$ 391,25	9 \$	-		\$	391,259	\$	s -	\$-		\$-	\$	391,259
	1806	Land Rights	N/A	\$ 302,78	4 \$	-		\$	302,784	\$	÷ -	\$-		\$-	\$	302,784
47	1808	Buildings	2.00%	\$ 1,620,07	в\$	•		\$	1,620,078	-\$	5 182,267	-\$ 33,076	i	-\$ 215,34	4 \$	1,404,735
13	1810	Leasehold Improvements	N/A	\$-	\$	-		\$	-	\$	<u>-</u>	\$-		\$-	\$	-
47	1815	Transformer Station Equipment >50 kV	2.5% to 5%	\$ 8,912,38				\$	8,912,383	-\$	600,773	-\$ 230,363		-\$ 831,13	5\$	8,081,248
47		Distribution Station Equipment <50 kV	5.00%	\$ 2,767,84	8 \$ 9	9,356		\$	2,867,204	-\$	392,772	-\$ 161,013		-\$ 553,78	5 \$	2,313,420
47	1825	Storage Battery Equipment	N/A	\$-	\$	-		\$	-	\$	; -	\$-		\$-	\$	-
47	1830	Poles, Towers & Fixtures	2.20%	\$ 20,857,35		9,385		\$	21,766,744	-\$	5 7,277,109	-\$ 402,043	1	-\$ 7,679,15	2 \$	14,087,592
47		Overhead Conductors & Devices		\$ 11,716,78		7,975		\$	12,524,758	-\$	3,123,676			-\$ 3,322,26		9,202,495
47		Underground Conduit	2.00%	\$ 4,005,39	6\$4	7,631		\$	4,053,027	-\$	1,516,620	-\$ 58,942		-\$ 1,575,56	3 \$	2,477,464
47	1845	Underground Conductors & Devices	3.33%	\$ 6,686,43	2 \$ 20	3,182		\$	6,889,614	-\$	1,792,174	-\$ 219,249		-\$ 2,011,42	3 \$	4,878,190
47	1850	Line Transformers	2.5% to 2.8%	\$ 11,982,44	2 \$ 83	38,384		\$	12,820,826	-\$		-\$ 185,449		-\$ 6,954,94	B \$	5,865,878
47	1855	Services (Overhead & Underground)	2.50%	\$ 2,778,38	5 \$ 12	20,426		\$	2,898,811	-\$	543,696	-\$ 66,435	i.	-\$ 610,13	1\$	2,288,680
47	1860	Meters	3.33% to 4%	\$ 4,157,13	3 \$ 6	5,952		\$	4,223,085	-\$	2,387,956	-\$ 98,402		-\$ 2,486,35		1,736,726
47	1860	Meters (Smart Meters)		\$-	\$	-		\$	-	\$	<u> </u>	\$-		\$ -	\$	-
N/A	1905	Land		\$ 243,63	6\$	-		\$	243,636	\$	<u> </u>	\$-		\$-	\$	243,636
CEC	1906	Land Rights		\$ -	\$	-		\$	-	\$	<u> </u>	\$-		\$-	\$	-
47		Buildings & Fixtures		\$ 2,307,28		0,000		\$	2,317,288	-\$		-\$ 54,993		-\$ 899,32		1,417,958
13		Leasehold Improvements		\$ 6,17		-		\$	6,177	-\$		-\$ 654		-\$ 4,51		1,660
8		Office Furniture & Equipment (10 years)		\$ 152,93	D \$ 1	5,000		\$	167,930	-\$		-\$ 15,267	·	-\$ 111,84	9 \$	56,080
8		Office Furniture & Equipment (5 years)		\$-	\$	-		\$		\$	<i>,</i>	\$-		\$-	\$	-
10		Computer Equipment - Hardware		\$ 714,92	6 \$ 4	10,000		\$	754,926	-\$	587,546	-\$ 57,188	i	-\$ 644,73		110,192
45		Computer EquipHardware(Post Mar. 22/04)		\$ -	\$	-		\$	-	\$	<u>-</u>	\$-		\$ -	\$	-
45.1		Computer EquipHardware(Post Mar. 19/07)		\$-	\$	-		\$	-	\$	<u>-</u>	\$-		\$-	\$	-
50		Computer Hardware (Smart Meters)		\$-	\$	-		\$	-	\$	; -	\$-		\$-	\$	-
12		Computer Software		\$ 295,77		0,000		\$	305,773	-\$	5 185,728	-\$ 34,946	i	-\$ 220,67		85,099
12		Computer Software (Smart Meters)		\$-	\$	-		\$	-	\$		\$-		\$-	\$	-
10		Transportation Equipment		\$ 1,538,63		50,000		\$	1,888,637	-\$		-\$ 89,680		-\$ 1,110,54		778,090
8		Stores Equipment		\$ 39,56		1,000		\$	40,562	-\$		-\$ 4,056		-\$ 29,39		11,167
8		Tools, Shop & Garage Equipment		\$ 317,72		2,000		\$	,	-\$		-\$ 31,196		-\$ 219,21		110,505
8		Measurement & Testing Equipment		\$ 180,86		5,000	-\$ 42,514		143,354	-\$		-\$ 12,923		-\$ 125,00		18,351
8		Power Operated Equipment		\$-	\$	-		\$	-	\$	/	\$-		\$-	\$	-
8		Communications Equipment		\$ 107,92		8,000	-\$ 13,133		102,794	-\$	58,705	-\$ 23,051		-\$ 81,75		21,039
8		Communication Equipment (Smart Meters)		\$ -	\$	-		\$	-	\$	· -	\$ -		\$ -	\$	-
8		Miscellaneous Equipment		\$ 428,22		6,000	-\$ 33,857	\$	400,363	-\$		-\$ 95,500		-\$ 238,96		161,400
8		Miscellaneous Equipment (Smart Meters)		\$ -	\$	-		\$	-	\$	<u> </u>	\$ -		\$ -	\$	-
47	1975	Load Management Controls Utility Premises		\$ -	\$	-		\$	-	\$	; -	\$ -		\$ -	\$	-
47		System Supervisor Equipment		\$ 1,154,64		97,856		\$	1,352,497	-\$		-\$ 61,579		-\$ 405,26		947,233
45.1		System Supervisor Equipment - Hardware		\$ 22,13		-		\$	22,132	-\$	8,948	\$ -		-\$ 8,94		13,184
47		Miscellaneous Fixed Assets		\$ -	\$	-		\$	-	\$	-	\$ -		\$ -	\$	-
47		Contributions & Grants		-\$ 8,473,52		1,700		-\$	9,485,222	\$	1,977,374			\$ 2,171,49		7,313,730
8		Property Under Capital Lease		\$ 10,03	9 \$	-		\$	10,039	-\$	6,023	-\$ 1,004	•	-\$ 7,02		3,012
N/A	2055	Work In Progress	N/A	\$-	\$	-		\$	-	\$	; -			\$-	\$	-
		Total		\$ 75,225,23	7 \$ 2,73	85,448	-\$ 89,504	\$	77,871,181	-\$	26,234,356	-\$ 1,941,479	\$-	-\$ 28,175,83	6\$	49,695,346

10	Transportation	Tr
8	Stores Equipment & Garage Tools	St
12/45	Computer Hardware & Software	Co

#### Less: Fully Allocated Depreciation

Net Depreciation to Inc. Stmt	-\$ 1	,817,722	
Computer HW & SW	\$	-	
Stores & Garage Equipment	-\$	34,077	
Transportation	-\$	89,680	

#### 2012 IFRS

#### REVISED TABLE 5.2 Fixed Asset Continuity Schedule

#### Year 2012 Test MIFRS - Adopt Half Year Rule in 2012

					Cost	Cost			1 [	Accumulated Depreciation						
CCA			Depreciation	Opening				Closing						Closing	Ν	Net Book
Class	OEB	Description	Rate	Balance	Additions	Disposals		Balance	llo	Opening Balance	Additions	Disposals		Balance		Value
N/A	1805	Land	N/A	\$ 391,259	\$-		\$	391,259	\$	- 3	\$-		\$	-	\$	391,259
CEC	1806	Land Rights	N/A	\$ 302,784	\$-		\$	302,784	\$	· -	\$-		\$	-	\$	302,784
47	1808	Buildings	2.00%	\$ 1,620,078	\$-		\$	1,620,078	-\$	215,344	-\$ 33,076		-\$	248,420	\$	1,371,658
13	1810	Leasehold Improvements	N/A	\$-	\$-		\$	-	\$	; -	\$-		\$	-	\$	-
47	1815	Transformer Station Equipment >50 kV	2.5% to 5%	\$ 8,912,383	\$-		\$	8,912,383	-\$	831,135	-\$ 230,363		-\$	1,061,498	\$	7,850,885
47	1820	Distribution Station Equipment <50 kV	5.00%	\$ 2,867,204	\$ 246,970		\$	3,114,174	-\$	553,785	-\$ 167,187		-\$	720,971	\$	2,393,203
47	1825	Storage Battery Equipment	N/A	\$-	\$-		\$	-	\$	; -	\$-		\$	-	\$	-
47	1830	Poles, Towers & Fixtures	2.20%	\$ 21,766,744	\$ 1,336,333		\$	23,103,077	-\$	7,679,152	-\$ 437,100		-\$	8,116,252	\$	14,986,825
47	1835	Overhead Conductors & Devices	1.6% to 2.5%	\$ 12,524,758	\$ 848,679		\$	13,373,437	-\$	3,322,263	-\$ 214,318		-\$	3,536,580	\$	9,836,857
47	1840	Underground Conduit	2.00%	\$ 4,053,027	\$ 197,576		\$	4,250,603	-\$	1,575,563	-\$ 61,871		-\$	1,637,433	\$	2,613,169
47	1845	Underground Conductors & Devices	3.33%	\$ 6,889,614	\$ 272,116		\$	7,161,730	-\$	2,011,423	-\$ 230,557		-\$	2,241,980	\$	4,919,749
47	1850	Line Transformers	2.5% to 2.8%	\$ 12,820,826	\$ 876,519		\$	13,697,345	-\$	6,954,948	-\$ 219,189		-\$	7,174,137	\$	6,523,209
47	1855	Services (Overhead & Underground)	2.50%	\$ 2,898,811	\$ 336,777		\$	3,235,588	-\$	610,131	-\$ 73,655		-\$	683,786	\$	2,551,802
47	1860	Meters	3.33% to 4%	\$ 2,090,476	\$ 312,529		\$	2,403,005	-\$	5 1,208,140	-\$ 53,137		-\$	1,261,276	\$	1,141,729
47	1860	Meters (Smart Meters)	10.00%	\$ 3,048,404	\$-		\$	3,048,404	-\$	438,325	-\$ 203,227		-\$	641,552	\$	2,406,852
N/A	1905	Land	N/A	\$ 243,636	\$-		\$	243,636	\$	; -	\$-		\$	-	\$	243,636
CEC	1906	Land Rights	N/A	\$-	\$-		\$	-	\$	· ·	\$-		\$	-	\$	-
47	1908	Buildings & Fixtures	2.00%	\$ 2,317,288	\$-		\$	2,317,288	-\$	899,329	-\$ 55,159		-\$	954,489	\$	1,362,799
13	1910	Leasehold Improvements	10.00%	\$ 6,177	\$-		\$	6,177	-\$	4,517	-\$ 654		-\$	5,171	\$	1,006
8	1915	Office Furniture & Equipment (10 years)	10.00%	\$ 167,930	\$ 15,500		\$	183,430	-\$	5 111,849	-\$ 13,490		-\$	125,339	\$	58,091
8	1915	Office Furniture & Equipment (5 years)	N/A	\$-	\$-		\$	-	\$	· ·	\$-		\$	-	\$	-
10	1920	Computer Equipment - Hardware	25.00%	\$ 754,926	\$ 40,000		\$	794,926	-\$	644,734	-\$ 72,188		-\$	716,923	\$	78,003
45	1920	Computer EquipHardware(Post Mar. 22/04)	N/A	\$-	\$-		\$	-	\$	· ·	\$-		\$	-	\$	-
45.1	1920	Computer EquipHardware(Post Mar. 19/07)	N/A	\$-	\$-		\$	-	\$	· ·	\$-		\$	-	\$	-
50	1920	Computer Hardware (Smart Meters)	20.00%	\$ 33,340	\$-		\$	33,340	-\$	6 16,670	-\$ 6,668		-\$	23,338	\$	10,002
12	1925	Computer Software	20.00%	\$ 305,773	\$ 142,500		\$	448,273	-\$	220,674	-\$ 47,196		-\$	267,870	\$	180,402
12	1925	Computer Software (Smart Meters)	20.00%	\$ 242,625	\$-		\$	242,625	-\$	5 78,266	-\$ 48,525		-\$	126,791	\$	115,834
10	1930	Transportation Equipment	6.6% to 14.3%	\$ 1,888,637	\$ 130,000		\$	2,018,637	-\$	5 1,110,548	-\$ 122,680		-\$	1,233,228	\$	785,409
8	1935	Stores Equipment	10.00%	\$ 40,562	\$ 1,000		\$	41,562	-\$	29,396	-\$ 3,323		-\$	32,719	\$	8,843
8	1940	Tools, Shop & Garage Equipment	10.00%	\$ 329,724	\$ 12,000		\$	341,724	-\$	219,218	-\$ 28,535		-\$	247,754	\$	93,970
8	1945	Measurement & Testing Equipment	20.00%	\$ 143,354	\$ 5,000		\$	148,354	-\$	125,003	-\$ 11,663		-\$	136,666	\$	11,688
8	1950	Power Operated Equipment	N/A	\$-	\$-		\$	-	\$	· ·	\$-		\$	-	\$	-
8	1955	Communications Equipment	20.00%	\$ 102,794	\$ 53,000		\$	155,794	-\$	81,756	-\$ 21,079		-\$	102,835	\$	52,959
8	1955	Communication Equipment (Smart Meters)	N/A	\$-	\$ -		\$	-	\$	<u>-</u>	\$-		\$	-	\$	-
8	1960	Miscellaneous Equipment	10.00%	\$ 400,363	\$ 10,000		\$	410,363	-\$	238,962	-\$ 87,713		-\$	326,675	\$	83,688
8	1960	Miscellaneous Equipment (Smart Meters)	10.00%	\$ 296,017	\$ -		\$	296,017	-\$	5 73,290	-\$ 29,602		-\$	102,892	\$	193,125
47	1975	Load Management Controls Utility Premises	N/A	\$ -	\$ -		\$	-	\$	· ·	\$ -		\$		\$	-
47	1980	System Supervisor Equipment	5.00%	\$ 1,352,497	\$ 89,807		\$	1,442,304	-\$	405,264	-\$ 73,717		-\$	478,981	\$	963,323
45.1	1980	System Supervisor Equipment - Hardware	N/A	\$ 22,132	\$ -		\$	22,132	-\$		\$ -		-\$		\$	13,184
47		Miscellaneous Fixed Assets	N/A	\$ -	\$ -		\$	-	\$	-	\$ -		\$	-	\$	-
47	1995	Contributions & Grants	various	-\$ 9,485,222	-\$ 689,183		-\$	10,174,405	\$	2,171,491	\$ 206,486		\$	2,377,977	-\$	7,796,427
8	2005	Property Under Capital Lease	10.00%	\$ 10,039	\$ -		\$	10,039	-\$		-\$ 1,004		-\$	8,031	\$	2,008
N/A		Work In Progress	N/A	\$ -	\$ -		\$	-	\$		\$ -		\$	-	\$	-
		Total		\$ 79.358.958	\$ 4.237.125	s -	\$	83.596.084	-\$	27.504.168	-\$ 2.340.389	s -	-\$	29.844.557	\$	53.751.526
L		10101		ψ 13,330,330	• •,251,125	¥ -	Ψ	00,000,004	<u>م</u> ت ا	, 21,007,100	ψ 2,370,303	v.	ĻΨ	23,044,007	Ψ	33,731,320

10	Transportation
8	Stores Equipment & Garage Tools
12/45	Computer Hardware & Software

Less: Fully Allocated Depreciation		
Transportation	-\$	122,680
Stores & Garage Equipment	-\$	30,384
Computer HW & SW	\$	-
PP&E Deferral Amount Amortization	-\$	122,908
Net Depreciation to Inc. Stmt	-\$	2,064,418

Subtract: SM Gross Fixed Assets (3,620,386) Add Back: Stranded Meters Removed 2,132,609 Reconciles to 2011 Closing 77,871,181

Subtract: SM Acc Deprec Add Back: Stranded Meters Removed Reconciles to 2011 Closing 606,551 (1,278,219) (28,175,836)

## UNDERTAKING NO. JT1.12:

## TO PROVIDE FINAL RRWF WITH ALL CHANGES IN THE RESPONSE TO ENERGY PROBE QUESTION 11, LAYERING ON THE REQUEST FROM UNDERTAKING JT1.11.

#### **Response:**

Norfolk has submitted a revised RRWF to reflect the IFRS continuity statements requested in JT1.11.

Norfolk Power Distribution Inc EB-2011-0272 Undertakings January 17, 2012

## **APPENDIX A – UNDERTAKINGS**

**Undertaking JT1.4** 

## Briefing



## RE:

# *Response to undertaking JT1.4 in technical conference for EB-2011-0272*

Date:	January 13, 2012
Project:	Norfolk Power Distribution Ltd LRAM claim

Undertaking JT1.4 in technical conference EB-2011-0272 refers to input assumptions used regarding 2006 CFL giveaways in Norfolk Power's earlier LRAM claim. A request was made to reconcile life and savings assumptions with those in current application.

The assumptions used to calculate the LRAM claim in EB-2011-0272 for CFLs given away as part of the 2006 CFL Education and Giveaway program were the best available at the time of the LRAM review. These assumptions are those from the 2011 Measures and Assumptions list. The assumptions are as follows:

Measure	Energy savings	Measure life	Free rider rate
15 W CFL	44.35 kWh/a	8 years	30%

The assumptions used to calculate the LRAM claim in EB-2011-0049 for CFLs given away as part of the 2006 CFL Education and Giveaway program were the best available at the time of the LRAM review. These assumptions are those from the 2010 Measures and Assumptions list, which are the same assumptions as those in the 2011 Measures and Assumptions list:

Measure	Energy savings	Measure life	Free rider rate	
15 W CFL	44.35 kWh/a	8 years	30%	

Norfolk Power did not use energy savings of 104 kWh to calculate LRAM claims related to the 2006 CFL Education and Giveaway program CFLs in either LRAM claim.

The total LRAM claim amount for these CFLs is as follows:

	Units	LRAM claimed in EB-2011-0049				LRAM claimed in EB-2011-0272		
		2006	2007	2008	2009	2010	2011	2012
2006 Education and Giveaway program 15 W CFLs	918	\$269	\$527	\$590	\$577	\$547	\$549	\$390
Total LRAM claimed		\$2,510				\$939		



The LRAM amount claimed and LRAM assumptions used in EB-2011-0049 is indicated in Appendix A Table 12 page 27 of IndEco's third party report filed as part of EB-2011-0049.

The LRAM amount claimed and LRAM assumptions used in EB-2011-0272 is indicated in Appendix A Table 7 page 15 of IndEco's third party report filed as part of EB-2011-0272.

Norfolk Power also confirms that it did not claim any LRAM for CFLs belonging to the 2006 EKC program in its LRAM claim filed in EB-2011-0272. The measures included in this LRAM claim from the 2006 EKC program can be found in Appendix A Table 7 pg 17 of IndEco's third party report; CFLs are not listed.