

WATERLOO NORTH HYDRO INC.

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February 23, 2011

Energy Probe Research Foundation 225 Brunswick Avenue Toronto, Ontario M5S 2M6

VIA E-MAIL AND RESS

Attention: Mr. David McIntosh, Case Manager

Dear Mr. McIntosh:

Re: May 1, 2011 Cost of Service Technical Conference Questions Responses/ EB-2010-0144

Pursuant to the Board's Procedural Order of January 21, 2011, Waterloo North Hydro Inc. (WNH) is enclosing its Responses to Energy Probe's Technical Conference Questions of February 11, 2011.

WNH has filed an electronic copy of this document via the Board's web portal RESS and couriered two copies of this document to the Board Office.

If there are any questions, please contact Albert Singh at 519-888-5542, asingh@wnhydro.com or myself, Rene Gatien at 519-888-5544, rgatien@wnhydro.com.

Yours truly,

Original Signed By

Rene W. Gatien, P.Eng, MBA President & C.E.O.



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February 23, 2011

Aiken & Associates 578 McNaughton Ave. W. Chatham, Ontario N7L 4J6

VIA E-MAIL AND RESS

Attention: Mr. Randy Aiken

Dear Mr. Aiken:

Re: May 1, 2011 Cost of Service Technical Conference Questions Responses/ EB-2010-0144

Pursuant to the Board's Procedural Order of January 21, 2011, Waterloo North Hydro Inc. (WNH) is enclosing its Responses to Energy Probe's Technical Conference Questions of February 11, 2011.

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If there are any questions, please contact Albert Singh at 519-888-5542, asingh@wnhydro.com or myself, Rene Gatien at 519-888-5544, rgatien@wnhydro.com.

Yours truly,

Original Signed By

Rene W. Gatien, P.Eng, MBA President & C.E.O.

ENERGY PROBE TECHNICAL CONFERENCE QUESTIONS

Question #1

Ref: Energy Probe Interrogatory #1

a) Does WNH agree that the opening balance of the 2011 rate base should exclude any forecasted PST costs included in the 2010 capital expenditures post July 1, 2010?

Pursuant to the Board's December 2010 FAQ and methodology, WNH agrees that the 2011 rate base should exclude any forecasted PST costs included in the 2010 capital expenditures post July 1, 2010, as calculated in Table TCQ # 1 (b), based on WNH's forecasted bridge year figures. If any adjustment is made during this proceeding to adjust to the actual 2010 capital expenditures, the PST savings would already be included in the actual results and this adjustment would not be required.

b) Please update the response to part (c) to reflect July through December 2010.

WNH has presented its estimate of the reduction in the level of capital expenditures due to the removal of the PST on costs incurred on and after July 1, 2010 through December 2010.

Table TCQ # 1 (b) PST Reduction of 2010 Capital Expenditures

Calculation of Reduction of 2010 Capital Expenditures due to Avoided PST				
Direct Acquisitions Inventory Trucking	192,010 174,557 11,448			
Total Avoided PST July - December 2010	378,015			
2010 Depreciation (over 25 Years)	15,121			
Net Reduction in 2010 Capital Expenditures	362,895			

c) The tables provided in response to parts (d) and (e) have titles that do not match the columns. Please provide the corrected tables.

WNH has provided the corrected tables, with the originally filed figures, below.

WNH has estimated the amount of PST paid on Capital expenses for 2007 to November 2010. Please note that the '2010 July-Nov' was the estimate of the avoided PST as a result of the introduction of the HST.

Table IR # 1(d) – PST paid on Capital –Initial Estimate of July – November 2010

Period	Capital
2007	526,178
2008	682,485
2009	864,551
2010 Jan-June	476,211
2010 July-Nov	318,653

WNH has estimated the amount of PST paid on OM&A expenses for 2007 to November 2010. Please note that the '2010 July-Nov' was the estimate of the avoided PST as a result of the introduction of the HST.

Table IR # 1(e) – PST paid on OM&A – Initial Estimate of July - December

Period	OM&A
2007	132,225
2008	130,997
2009	112,789
2010 Jan-June	63,240
2010 July-Nov	50,141

Question #2

Ref: Energy Probe Interrogatory #4 & Exhibit 2, Tables 2-9 and 2-10

a) Please provide the response requested to part (a), assuming the conversion to USoA account numbers has now occurred for 2010. If this conversion has not yet taken place, please update the response to Board Staff Interrogatory #6 (c) (i) to reflect both actual 2010 capital expenditures and 2010 CWIP figures for 2010.

WNH has provided in Table 2-1 format, a table in which 2010 has been updated with the preliminary actual 2010 data below.

Table TCQ # 2 (a) - Table 2-1 with 2010 Preliminary Data

		Actual						Forecast			
USoA	Description	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
1805	Land	-	-	17,783	-	248,399	-	-	2,038,000	12,500	5,000
1806	Land Rights	10,642	5,416	6,455	90,888	35,659	15,448	18,724	16,350	16,000	16,000
1808	Building and Fixtures	215,152	138,803	919,621	664,764	5,752	42,847	100,886	22,798,117	15,000	15,000
1815	Transformer Station Equipment	219,039	5,048	1,952,965	(12,165)	778,737	647,205	6,808,086	265,871	900,000	600,000
1820	Distribution System Equipment	46,951	-	502,762	11,114	35,856	31,527	190,141	15,171	2,000	2,000
1830	OH - Poles, Towers and Fixtures	2,159,591	1,621,188	1,280,967	4,607,640	3,373,891	4,153,368	3,954,240	4,278,501	3,904,000	3,904,000
1835	OH - Conductors and Devices	925,409	1,239,506	711,675	2,480,132	1,875,354	2,279,721	2,729,151	2,953,287	2,050,750	2,050,750
1840	UG - Conduit	448,120	382,389	581,120	812,166	210,221	485,801	1,358,153	820,062	480,000	350,000
1845	UG - Conductors and Devices	1,727,618	1,201,356	1,359,811	1,198,911	1,568,180	1,124,839	1,855,137	2,748,362	1,229,000	1,008,000
1850	Line Transformers	2,299,758	2,078,638	1,819,018	2,173,216	2,382,530	3,570,690	4,011,047	4,253,666	3,058,250	2,759,250
1855	Services	785,284	834,470	808,838	854,591	1,260,156	1,281,287	1,325,272	676,804	503,000	503,000
1860	Meters	712,830	408,278	(158,297)	448,132	367,063	240,145	278,078	315,250	500,000	500,000
1915	Office Equipment	31,822	55,241	113,142	54,173	7,050	18,821	14,927	1,710,204	7,500	7,500
1920	Computer Hardware	193,156	500,413	144,767	160,484	91,002	152,428	103,397	349,544	280,000	200,000
1925	Computer Software	435,360	515,715	405,911	333,495	231,044	579,849	420,185	647,615	875,000	680,000
1930	Transportation Equipment	389,488	422,328	260,432	716,173	316,057	799,085	620,367	570,468	607,500	562,500
1935	Stores Equipment	-	1,782	-	-	99,191	2,811	2,700	53,500	-	-
1940	Tools, Shop and Garage Equipment	60,789	41,179	-	17,337	114,754	25,417	128,161	162,037	180,000	180,000
1945	Measurement and Testing Equipment	7,317	31,867	29,230	13,367	14,066	33,434	27,451	115,278	80,000	10,000
1955	Communication Equipment	49,174	6,376	17,942	47,680	216,739	74,139	6,337	-	-	-
1960	Miscellaneous Equipment	2,122	45,143	1,167	66,374	25,550	11,983	84,593	-	-	-
1980	System Supervisory Equipment	64,304	42,456	81,576	31,721	-	434,697	222,140	1,048,432	450,000	250,000
1995	Contributed Capital	(4,452,189)	(2,442,209)	(2,156,723)	(1,682,172)	(1,993,133)	(1,779,037)	(3,319,656)	(2,142,609)	(1,825,000)	(1,825,000)
CAPITAL	EXPENDITURES	6,331,739	7,135,384	8,700,162	13,088,021	11,264,118	14,226,505	20,939,516	43,693,910	13,325,500	11,778,000
	\$ Increase / (Decrease)		803,645	1,564,777	4,387,860	(1,823,904)	2,962,387	8,170,722	21,296,682	(30,368,410)	(1,547,500)
	% Increase / (Decrease)		12.7%	21.9%	50.4%	-13.9%	26.3%	57.4%	95.1%	-69.5%	-11.6%

b) For each amount in CWIP at the end of 2010, please indicate how much is forecast to be closed to rate base in 2011.

WNH has forecast that the entire amount of \$11,647,808 CWIP at the end of 2010 will be closed to rate base in 2011.

c) Please provide updated Tables 2-9 and 2-10 reflecting actual capital expenditures in 2010, along with the change in year end 2010 WIP carried forward to 2011. Are there any changes to the 2011 forecasted capital expenditures for any projects that were advanced to 2010? If yes, please reflect the change in the 2011 additions.

WNH has provided Tables 2-9 and 2-10, based on preliminary data, below. There are no changes to the 2011 forecasted capital expenditures for any projects that were advance to 2010.

Table TCQ # 2 (c) – Table 2-9

USoA	Description	Actual	WIP	WIP	Change to Rate Base
USUA	Description	2010	Year End 2009	Year End 2010	2010
1805	Land	129,830	1,948,075	(2,077,905)	-
1806	Land Rights	19,570		(846)	18,724
1808	Building and Fixtures	7,154,360	991,502	(8,044,976)	100,886
1815	Transformer Station Equipment	5,244,780	1,571,727	(8,421)	6,808,086
1820	Distribution System Equipment	190,141		, ,	190,141
1830	OH - Poles, Towers and Fixtures	3,958,647	444,819	(449,226)	3,954,240
1835	OH - Conductors and Devices	2,723,425	242,834	(237,108)	2,729,151
1840	UG - Conduit	1,294,334	106,060	(42,242)	1,358,153
1845	UG - Conductors and Devices	1,541,905	461,113	(147,882)	1,855,137
1850	Line Transformers	4,160,763	229,998	(379,714)	4,011,047
1855	Services	1,325,272			1,325,272
1860	Meters	278,078			278,078
1915	Office Equipment	28,228	-	(13,301)	14,927
1920	Computer Hardware	105,799	-	(2,402)	103,397
1925	Computer Software	418,072	2,608	(495)	420,185
1930	Transportation Equipment	612,154	139,072	(130,859)	620,367
1935	Stores Equipment	2,700			2,700
1940	Tools, Shop and Garage Equipment	115,346	21,118	(8,303)	128,161
1945	Measurement and Testing Equipment	27,451			27,451
1955	Communication Equipment	6,337			6,337
1960	Miscellaneous Equipment	84,593			84,593
1980	System Supervisory Equipment	224,864	12,827	(15,552)	222,140
1995	Contributed Capital	(3,319,656)			(3,319,656)
CAPITAI	L EXPENDITURES	26,326,992	6,171,755	(11,559,231)	20,939,516

Table TCQ # 2 (c) - Table 2-10

					Change to
		Forecast	WIP	WIP	Rate Base
USoA	Description	2011	Year End	Year End	2011
		2011	2010	2011	2011
1805	Land	89,925	2,077,905	-	2,167,830
1806	Land Rights	16,350	846	-	17,196
1808	Building and Fixtures	11,945,625	8,044,976	-	19,990,601
1815	Transformer Station Equipment	265,871	8,421	-	274,292
1820	Distribution System Equipment	15,171	-	-	15,171
1830	OH - Poles, Towers and Fixtures	4,594,638	449,226	(555,447)	4,488,417
1835	OH - Conductors and Devices	3,127,193	237,108	(299,942)	3,064,359
1840	UG - Conduit	743,761	42,242	-	786,003
1845	UG - Conductors and Devices	2,609,612	147,882	(7,547)	2,749,946
1850	Line Transformers	4,323,985	379,714	(256,197)	4,447,502
1855	Services	676,804	-	-	676,804
1860	Meters	315,250	-	-	315,250
1915	Office Equipment	1,710,204	13,301	-	1,723,505
1920	Computer Hardware	349,544	2,402	-	351,946
1925	Computer Software	647,615	495	-	648,110
1930	Transportation Equipment	680,468	130,859	(110,000)	701,327
1935	Stores Equipment	53,500	-	-	53,500
1940	Tools, Shop and Garage Equipment	162,037	8,303	-	170,340
1945	Measurement and Testing Equipment	115,278	-	-	115,278
1955	Communication Equipment	-	-	-	-
1960	Miscellaneous Equipment	-	-	-	-
1980	System Supervisory Equipment	961,159	15,552	-	976,711
1995	Contributed Capital	(2,142,609)			(2,142,609)
CAPITAI	_ EXPENDITURES	31,261,380	11,559,231	(1,229,133)	41,591,479

Question #3

Ref: Energy Probe Interrogatory #5 & Exhibit 2, Table 2-1 and Table 2-10

a) Please reconcile the figure of \$2,077,905 provided in part (a) of the interrogatory response with the figure in Table 2-1 for land in 2011 of \$2,038,000.

Please see the table below.

Table # 3 (a) - Land Cost

	2009 WIP	2010	Total	2011 Forecast
Land Purchase	\$ 1,929,354	\$ 2,122	\$ 1,931,476	
Legal Fees	8,675	6,398	15,073	
Survey Fees	9,943	2,873	12,815	
Demolition Costs	103	118,438	118,541	
Totals	\$ 1,948,075	\$ 129,830	\$ 2,077,905	\$ 2,038,000

b) Please reconcile both figures noted above in part (a) with the 2010 WIP number of \$1,948,075 shown in Table 2-10.

Please see Energy Probe TCQ # 3 (a).

Question #4

Ref: Energy Probe Interrogatory #7

What is the average year over year increase for the four most recent quarters of data available for the GDP-IPI? Please provide the data.

Please refer to Appendix A for the Statistics Canada Table with the requested information. The average year over year increase for the four most recent available quarter of data is 1.075%.

Question #5

Ref: Energy Probe Interrogatory #10

Part (c) of the question was not answered. Specifically, what is the basis for the figure of \$1,758,156 in accumulated depreciation? For example, is this the value at the end of 2010, or for the end of November 2011 when the move to the new facilities takes place?

The figure of \$1,758,156 in accumulated depreciation, of the building on Northfield Drive, is the value at the end of 2010.

Question #6

Ref: Energy Probe Interrogatory #14

Please update the table provided in the response to part (c) to reflect actual 2010 data, or if not available, the most recent year-to-date information for both 2010 and 2009.

WNH has assumed that the reference is to part (d) in Energy Probe IR # 14 and has provided preliminary actual 2010 data in the table below.

Table TCQ #6 - Revenues

	January to December 2009	January to December 2010
Throughtput Revenue		
Residential	13,405,234	13,491,482
GS<50	3,837,056	3,911,944
GS>50	7,368,609	7,740,865
Large User	714,805	503,945
Street Lighting	196,902	196,409
Unmettered Scattered Load	120,883	100,084
Embedded distributor		-
Transformer Ownership Allowance	(776,628)	(823,584)
Other Revenue		
Late Payment Charges	180,266	184,608
Specific Service Charges	244,566	265,716
Other Distribution Revenue	268,081	276,757
Other Income and Deductions	376,088	565,868
SSS Administration Charge	132,653	137,931
Low Voltage Charges	114,317	119,735
Total Operating Revenue	\$ 26,182,834	\$ 26,671,760

Question #7

Ref: Energy Probe Interrogatory #16

Please update the table shown in the response to part (c) to reflect actual data for 2010, including a total for the year.

WNH provides the preliminary actual (non-weather normalized) kWh Purchases for 2010, along with the forecast (predicted purchases) for the corresponding period in 2009 in the table below.

Table TCQ # 7 – Actual and Predicted Purchases

Month	2010 kWh Purchases Actual, Non-Weather Normalized	2009 kWh Predicted Purchases per Regression Model
January	133,979,177	134,066,387
February	119,946,771	119,370,647
March	123,452,454	123,528,065
April	109,614,094	113,573,610
May	117,656,799	111,443,745
June	120,954,770	114,372,705
July	135,775,256	113,234,579
August	132,798,939	118,695,094
September	116,946,781	108,425,012
October	116,794,004	116,289,812
November	121,142,765	115,301,277
December	132,686,798	128,938,768

Question #8

Ref: Energy Probe Interrogatory #18

Please update the table provided in the response to part (a) that reflects December 31, 2010 data.

WNH has provided the updated number of customers and connections at December 31, 2010 in the table below.

Table TCQ #8 - # Customer and Connections at December 31, 2010

# Customers				# Connection	ons
Residential GS<50 GS>50 Large User				Street Light	USL
45,863	5,385	665	1	12,958	539

Question #9

Ref: Energy Probe Interrogatory #19

Which of the four 2011 columns listed in Table 19(a) is WHN proposing to use as the kWh to allocate to rate classes as part of this rates proceeding?

WNH is proposing to use column "2011 Weather Normal Adjusted OPA Savings".

Question #10

Ref: Energy Probe Interrogatory #19

With respect to the CDM Milestones table provided in the response, please:

a) Confirm that the energy (MWh) figures shown for 2011 through 2014 are cumulative.

WNH confirms that the CDM Milestones MWh figures shown for 2011 through 2014 are cumulative, for the purpose of calculating the CDM Target kWh Savings.

b) Please confirm that the incremental energy savings are 16,042 MWh in 2012, 17,084 MWh in 2013 and 15,777 MWh in 2014.

WNH confirms that the incremental energy savings listed are correct for the purpose of the CDM Target Savings.

WNH notes that the changes in the cumulative CDM Savings, for the purpose of calculating the CDM Target Savings, may be based on incremental energy savings or, the changes in cumulative CDM Savings may be based on the persistence of a savings which occurred in previous years.

c) Does the table imply that, for example, in 2014, the energy consumption will be reduced by a total of 68,000 MWh from what it would have been otherwise?

The table may imply that in 2014 the energy consumption would be reduced by a total of 68,000 MWh compared to what would have been achieved at the beginning of the four years in which the targets are to be achieved.

WNH notes that for the purpose of the CDM Target Savings calculation, the cumulative total shown in the CDM Milestones is 68,000 MWh. WNH, however, notes that attention to detail must be applied in determining the forecasted actual reduction of energy consumption of MWh for the purpose of WNH's load forecast. A persistent savings

(savings counted for more than one year) that is calculated for the purpose of the CDM Targets does not reduce the load forecast for the purpose of this application more than in one year. WNH is proposing the reduction of its 2011 load forecast by CDM Target Savings of 17,000,000 kWh in this application, if any of these 2011 savings persist in future years they would not reduce the load forecast more than initially shown in 2011.

Question #11

Ref: Energy Probe Interrogatory #20

a) Please update Table 20(b) (Table 3-19 Revised Ratio of kW to kWh)) to reflect actual data for 2010. If actual data for all of 2010 is not available, please provide the most recent information available for 2010.

WNH has provided the 2010 Ratio of kW to kWh in the table below. WNH notes that the figures below are preliminary internal data.

Table TCQ # 11 (a) – Ratio of kW to kWh

	Rat	io of kW to k	Wh
Year	GS>50	GS>50 Large User	
2003	0.2716%	0.1840%	0.2792%
2004	0.2602%	0.2061%	0.2903%
2005	0.2565%	0.1965%	0.2756%
2006	0.2462%	0.1962%	0.2792%
2007	0.2418%	0.1910%	0.2812%
2008	0.2401%	0.1900%	0.2770%
2009	0.2413%	0.1887%	0.2792%
2010 ¹	0.2398%	0.1889%	0.2783%
2011 Trend Analysis	0.2251%	0.1890%	0.2765%

¹ Based on Unoffical Internal Data

b) Based on the results from part (a) above, please provide trend analysis for 2011 based on the data from 2003 through 2010 for each rate class shown. Please also show the average ratio for the 2003 through 2010 period in the same table.

WNH has presented the results from part (a) above, including the trend analysis for 2011 based on the unofficial data from 2003 through 2010 for each rate class shown in the table below. WNH has also presented the average ratio for 2003 through 2010 period in the same table.

Table TCQ # 11 (b) – 2011 Updated Trend and Average Analysis

		kW					
	GS	>50	Large	Large User		Streetlights	
Year	Trend	Average	Trend	Average	Trend	Average	
	Analysis	Percentage	Analysis	Percentage	Analysis	Percentage	
2003	1,578,391	1,578,391	120,391	120,391	19,111	19,111	
2004	1,578,377	1,578,377	136,143	136,143	19,526	19,526	
2005	1,609,887	1,609,887	138,634	138,634	20,183	20,183	
2006	1,625,474	1,625,474	144,512	144,512	20,478	20,478	
2007	1,650,921	1,650,921	147,258	147,258	20,688	20,688	
2008	1,665,645	1,665,645	145,766	145,766	20,906	20,906	
2009	1,682,115	1,682,115	144,355	144,355	21,063	21,063	
2010	1,653,058	1,806,670	148,840	152,080	21,257	21,485	
2011	1,637,891	1,832,957	148,593	151,406	21,547	21,835	
kW/kWh			Ra	ntio			
2003	0.2716%	0.2716%	0.1840%	0.1840%	0.2792%	0.2792%	
2004	0.2602%	0.2602%	0.2061%	0.2061%	0.2903%	0.2903%	
2005	0.2565%	0.2565%	0.1965%	0.1965%	0.2756%	0.2756%	
2006	0.2462%	0.2462%	0.1962%	0.1962%	0.2792%	0.2792%	
2007	0.2418%	0.2418%	0.1910%	0.1910%	0.2812%	0.2812%	
2008	0.2401%	0.2401%	0.1900%	0.1900%	0.2770%	0.2770%	
2009	0.2413%	0.2413%	0.1887%	0.1887%	0.2792%	0.2792%	
2010	0.2303%		0.1898%		0.2773%		
2011	0.2251%		0.1890%		0.2765%		
Average		0.2511%		0.1932%		0.2802%	

c) Please update the kW forecast for 2011 based on both the new trend figure and new average figure derived in the response to (b) above.

Please refer to the table in TCQ # 11 (b) above, the kW forecast has also been presented.

d) For each of the three rate classes please estimate a regression equation where the dependent variable is the kW/kWh ratio for the rate class from 2003 through 2010 and the independent variable is the year (i.e. 2003, 2004, etc.). Please provide the coefficients and regression statistics for each of the three equations.

WNH has provided the coefficients and regression statistics for the equation of each of the three rate classes in the table below.

Table TCQ # 11 (d) - Regression Analysis

Statistic		Value					
Statistic	> 50 kW	Large Use	St Lt				
R Square	84.1%	11.1%	12.9%				
Adjusted R Square	81.5%	-3.7%	-1.6%				
F Test	31.7	0.8	0.9				
T-stats by Coefficient							
Intercept	5.8	1.0	1.1				
Year	(5.6)	(0.9)	(0.9)				
Estimated Coefficent by Explanatory Variable							
Intercept	0.0909417	0.0204717	0.0160086				
Year	(0.0000441)	(0.0000092)	(0.000066)				

Question #12

Ref: Energy Probe Interrogatory #21

a) Does the YTD 2009 figure shown in the table in response to part (a) include interest income on regulatory asset variance accounts? If yes, please update the table to exclude this interest income from 2009.

Yes, the YTD 2009 figures shown in the table in response to Energy Probe IR # 21 part (a) included interest income on regulatory asset variance accounts. WNH has presented the updated table to exclude this interest income for 2009 and 2010 in the table below.

Table TCQ # 12 (a) – Updated EP Table IR # 21 (a) – Table 3-26 Format, October YTD 2009 and 2010

USoA	Description	Janu	January to October 2009		to October 2010
4235	Specific Service Charges		204,688		214,981
4225	Late Payment Charges		153,902		155,108
4082	RSVA Retail		16,220		16,220
4210	Rent from Electric Property		188,149		203,979
4220	Other Electric Revenues		6,230		11,223
4355	Gain on disposition of Utility and Other Property		23,984		64,935
4360	Loss on disposition of Utility and Other Property		(31,914)		(22,941)
4375	Revenues from Non-Utility Operations		2,169,230		1,358,646
4380	Expenses of Non-Utility Operations		(1,924,941)		(1,229,019)
4390	Miscellaneous Non-Operating Income		76,440		60,562
4405	Interest and Dividend Income		80,312		19,193
Total		\$	962,300	\$	852,887
Specific	Service Charges		204,688		214,981
Late Pa	yment Charges		153,902		155,108
	Distribution Revenues		210,599		231,422
Other I	ncome and Expenses		393,111		251,376
Total	·	\$	962,300	\$	852,887

b) Please update the table in part (a) to show complete 2010 actual data. If this data is not yet available, please update both 2009 and 2010 to reflect the most recent actual data currently available for 2010. Please do not include interest on regulatory asset variance accounts in either 2009 or 2010.

WNH has provided the preliminary 2010 data in the table below.

Table TCQ # 12 (b) – Revenues, Table 3-26 Format

USoA	Description	January to December 2009	January to December 2010
4235	Specific Service Charges	244,566	265,716
4225	Late Payment Charges	180,266	184,608
4082	RSVA Retail	19,464	16,220
4210	Rent from Electric Property	242,420	245,486
4220	Other Electric Revenues	6,197	15,051
4355	Gain on disposition of Utility and Other Property	16,431	161,720
4360	Loss on disposition of Utility and Other Property	(52,127)	(20,307)
4375	Revenues from Non-Utility Operations	2,991,041	1,792,175
4380	Expenses of Non-Utility Operations	(2,813,266)	(1,472,367)
4390	Miscellaneous Non-Operating Income	152,306	85,127
4405	Interest and Dividend Income	81,704	19,520
Total		\$ 1,069,002	\$ 1,292,949
Specific	Service Charges	244,566	265,716
Late Pa	yment Charges	180,266	184,608
	er Distribution Revenues 268,081		276,757
Other I	ncome and Expenses	376,088	565,868
Total	•	\$ 1,069,002	\$ 1,292,949

c) How is the interest rate of 2.25% shown in the response to part (c) determined? Is it related to prime?

The interest rate of 2.25% was based on the prime rate at that time which was also 2.25%.

d) Are the assets being disposed of in account 4355 noted in the response to part (e) depreciable or non-depreciable assets?

The assets being disposed of in account 4355 are depreciable assets, with the exception of land which is non-depreciable.

Question #13

Ref: Energy Probe Interrogatory #22 & Exhibit 2, Table 2-12

The response indicates that the existing administration building and service centre, including land, have been removed from rate base at the beginning of 2011. Please confirm that since 2011 rate base is the average of the closing balance in 2010 and the closing balance in 2011 (Exhibit 2, Table 2-12), the existing facilities are included in rate base.

Yes, the existing facilities are included in the rate base.

Question #14

Ref: Energy Probe Interrogatory #23 (c) & #21 (g) & Exhibit 3, pages 38-39 & Exhibit 4, Table 4-7A

Table 3-32 has been revised to remove the profit and PILS shown in the original Table 3-32.

a) Does the revenue of \$367,733 shown for street lighting capital & maintenance revenue shown include the 15% mark-up noted on page 38 of Exhibit 3?

The \$367,733 street lighting capital and maintenance revenue shown on page 38 of Exhibit 3 does not include the 15% mark-up as it is included in USoA # 5625.

By way of notation, in doing the research to respond to this TCQ, WNH discovered an input error that overstated the revenue of \$367,733 by an amount of \$22,214. WNH intends to deal with this adjustment at the appropriate time.

b) Does the \$280,000 shown for unaffiliated transactions include a profit margin?

No, as the profit margin in included in USoA 5625.

c) Table 3-31 Revised shows an expense of \$1,884,598 in account 4380 for 2011. Of this amount \$1,235,080 has been identified as expenses related to OPA programs (Energy Probe #21 (g)), leaving an amount of \$649,518. Please show the components of this amount associated with the two amounts noted in (a) and (b) above. Please also show any other amounts allocated to other revenue sources in account 4375.

WNH has provided a breakdown of USoA # 4380 and identified the amounts that relate to revenue source in USoA # 4375 in the table below.

Table TCQ # 14 (c) – UsoA 4380 - 2011

Breakdown of USoA 4380 - Non-Utility Operation Expenses				
	USoA	Test		
	#	2011		
Street Lighting Capital & Maintenance Revenue Affiliates	4380	345,519		
Street Lighting Capital & Maintenance Revenue Unaffiliated	4380	280,000		
Ontario Power Authority Programs Revenue	4380	1,235,080		
Meter Data Services	4380	19,199		
Rental Revenue	4380	4,200		
Other	4380	600		
Total	1,884,598			

d) Is WNH now indicating there should be no return of PILS shown in Table 4-7A in Exhibit 4?

WNH advises that there should be no return of PILs as this is reflected in the 15% markup revenue in USoA 5625.

Question #15

Ref: Energy Probe Interrogatory #25

Please update the table to reflect 2010 actual data. If complete 2010 actual data is not yet available, please update the 2010 and 2009 figures to provide the most recent year-to-date information available.

WNH has assumed that Energy Probe is referring to Energy Probe IR # 26. WNH has provided the table below.

Table TCQ # 15 - 2010 OM&A Expenses

OM&A Expenses					
Operations	3,574,100				
Maintenance	1,419,295				
Billing and collecting	2,198,657				
Community relations	195,227				
Administrative and General Expenses	2,343,115				
Total OM&A Expenses	9,730,393				

Question #16

Ref: Energy Probe Interrogatory #27 (d)

a) Please confirm that WNH has included a full year of meter reading expense despite the fact that it intends to start using the smart meter day in June 2011.

WNH confirms that it has included a full year of meter reading expense in its application.

b) Please explain why WNH has not made an adjustment for this change.

At the time of the preparation of this application, WNH did not have definitive information as to when the meter reading expense would cease. The application reflects WNH's assumption that the meter reading expense would exist for the full year of 2011.

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Supplementary Questions for Technical Conference - Energy Probe

Question #17

Ref: Energy Probe Interrogatory #31 & Exhibit 4, page 51

The response indicates that 8 of the positions shown on Exhibit 4, page 51 are eligible for the federal or provincial apprenticeship training tax credits. Please identify which of the positions are eligible and please explain why any of the additions shown in 2009, 2010 or 2011 are not eligible.

In reviewing the evidence WNH identified an error in its response to Energy Probe IR # 31; WNH should have responded 11 of the positions are eligible for the Provincial Apprenticeship Training Tax Credits.

Two of the linesperson apprentices hired in 2009 are not eligible for tax credits in 2011 as each has reached the maximum time limit. The Protection and Control Technician and Engineering Technologist positions are not eligible for the tax credits.

Question #18

Ref: Energy Probe Interrogatory #34

a) The responses provided are not clear. If the depreciation expense in column (h) is calculated as column (e)/column (f) and column (e) is as defined in the response to part (b), please explain why, as an example, the depreciation expense for account 1830 is shown as \$1,763,277 when column (e) divided by column (f) for this account would result in an amount of \$1,848,847.

WNH is correcting the equation in the heading of Table 4-25 of its application, the calculation should read: (h) = (c) x (g) + $\underline{((d) x (g)]}$.

The calculation of account 1830, is thus, $$41,942,663 \times 4\% + [$4,278,501 \times 4\%]/2 = $1,763,277$.

b) Please confirm that the depreciation expense has been calculated based on the half year rule, i.e. the total for depreciation actually used (in place of the figures shown in column (e)) reflect the use of the half year additions shown in the formula in column (e).

Please refer to (a) above.

Question #19

Ref: Energy Probe Interrogatory #35

a) It is not clear why two of the entries in the table provided in the response to part (a) show negative values (accounts 1808 and 1845). In both cases, the number of years used for depreciation declines, which would imply that the depreciation expense should be higher, not lower. Please explain.

WNH is not able to provide this information prior to the beginning of the Technical Conference; it will be filed prior to the Settlement Conference.

b) Please explain why the adjustment for account 1820 is positive instead of negative since the number of years has increased, implying that the depreciation expense was higher than that using the Board years.

WNH is not able to provide this information prior to the beginning of the Technical Conference; it will be filed prior to the Settlement Conference.

c) When did WNH make the changes in the number of years used for depreciation?

WNH is not able to provide this information prior to the beginning of the Technical Conference; it will be filed prior to the Settlement Conference.

d) When rates were set for 2006, which set of depreciation years were used?

WNH is not able to provide this information prior to the beginning of the Technical Conference; it will be filed prior to the Settlement Conference.

Question #20

Ref: Energy Probe Interrogatory #39

a) Please confirm that the Federal Apprenticeship Job Creation Tax Credit of \$80,000 described in part (d) of the response is actually the Ontario Apprenticeship Training Tax Credit (ATTC).

WNH confirms.

b) Please confirm that the 8 eligible positions for the provincial ATTC are also eligible for the Federal Job Creation Tax Credit, at an amount of \$2,000 per position for a total of \$16,000 in 2011.

9 of the 11 positions in # 17 above are eligible for the Federal Job Creation Tax Credit; two positions have reached the maximum time allowed for eligibility and, thus, are ineligible.

Question #21

Ref: Energy Probe Interrogatory #40 & #41

a) What is the impact on the CCA calculation if the \$349,544 for computer hardware is removed from Class 10 in 2011, with one-twelfth (\$29,129) placed in Class 52 and the remainder placed in Class 50?

Please see the table below.

Table TCQ # 21 (a) – Computer Hardware CCA Calculation

	\$	(# Months	
Computer Hardware Additions 1/2 Year	349,544 2 174,772			
Included in August 27, 2010 Submission				
Class 10	52,432	30%		
Re-calculation under TCQ EP # 21 (a)				
Class 52	29,129	100%	On Full Amount	1
Class 50	88,114	55%	1/2 Year Rule Applies	11
Total	117,243			
Increased 2011 CCA	64,811			

b) What is the impact on the CCA for 2011 of the CCA on land rights that was inadvertently omitted?

Please see the table below.

Table TCQ # 21 (b) - Land Rights CCA Calculation

	2010	2011	Total	Rate
2010 Additions	15,805			
2011 Additions		16,350		
1/2 Year Rule	7,903			
Class 1b CCA	474			6%
UCC, End of 2010	15,331			
Class 1b CCA	920			6%
UCC, End of 2011	14,411			
1/2 Year Rule		8,175		
Class 1b CCA		491		6%
UCC, End of 2011		15,860		
CCA in 2011	920	491	1,410	

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Supplementary Questions for Technical Conference - Energy Probe

Question #22

Ref: VECC IR #19 &

Exhibit 2, Table 2-1

a) Please provide a table that shows for the years 2004 through 2010 the total net approved capital budget, the actual net capital additions and the

difference between the two.

WNH received a number of technical conference questions regarding net approved capital budgets and net approved capital additions. It is difficult to compare between capital expenditures approved in the capital budget and capital additions recognized in rate base. These are two separate concepts for separate purposes. Capital budgets are viewed from a financial planning perspective, while capital additions for rate base are from a regulatory perspective and WNH submits that they do not directly correlate. WNH believes that incorrect conclusions may be reached by trying to directly compare net

WNH provides below a table showing the years 2004 through 2010 with Smart Meters and the New Service Centre removed and highlighting the differences:

the actual net capital addition per rate base

approved capital budget and actual net capital additions.

 reconciliation for major approved capital budget items that were deferred, had payment delayed over a calendar year, came in under budget, or required

reconciliation over more than a calendar year

• removes the changes in WIP from one year to the next to arrive at an

adjustment of net capital additions per the calendar year budget.

The second part of the table shows the Net Approved Capital Budget excluding Smart Meters and the New Service Center. The last line of the table compares the adjusted net capital additions vs. the net approved capital budget excluding smart meters and the new service center.

Table TCQ # 22 (a) – 2004 through 2010 Net Capital Additions and Net Approved Capital Budget

	Actual						
	2004 2005 2006 2007 2008 2009 2						2010
Net Capital Additions	6,331,739	7,135,384	8,700,162	13,088,021	11,264,118	14,226,505	20,939,516
Approved Capital Budget	9,635,300	10,155,976	13,478,274	15,914,924	17,839,746	26,633,264	34,233,214
Difference Net Capital Additions vs. Net Approved Budget	(3,303,561)	(3,020,592)	(4,778,112)	(2,826,903)	(6,575,628)	(12,406,759)	(13,293,698)

b) Please explain the significant differences between the approved capital budgets and the actual capital additions in 2004 through 2010. Please separate out the impact of smart meters and the new service center spending and show the residual difference.

Please see the table below.

Table TCQ # 22 (b) – 2004 through 2010 Adjusted Net Capital Additions vs. Net Approved Capital Budget

		Actual					
	2004	2005	2006	2007	2008	2009	2010
Net Capital Additions per Rate Base	6,331,739	7,135,384	8,700,162	13,088,021	11,264,118	14,226,505	20,939,516
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Reconciling Items - adjust deferred work and other							
Development delays on the west side of Waterloo and slower than expected growth in new residential development		1,268,790		1,280,865			793,287
Budgeted Road Relocation work deferred by municipality				646,879			557,390
Deferred TS HS A duct bank construction due to rescheduling of Conestoga Road Rebuild						922,431	
Contributed Capital in Excess of Budget	766,764	(814,899)	280,866				1,520,082
WIP incorrectly capitalized and reversed			2,983,947	(2,983,947)			
Budgeted for MTS #4 land purchase. Deferred due to market price		360,446	395,035				
Budgeted for MTS #4 land purchase. Did not close until 2008 due to extended Class EA				360,621			
TS Tenders came in under budget				268,641			
Transformer repair failed at factory, payment delayed until 2008				656,856			
SCADA project spending under budget			243,148				
Station Rebuild work deferred		1,091,237					
Net Capital Additions plus (less) reconciling items	7,098,503	9,040,958	12,603,157	13,317,937	11,264,118	15,148,936	23,810,275
Remove the change in WIP, excluding New Service Centre Costs					1,216,890	2,085,783	(1,790,977)
Adjusted Net Capital Additions, Excluding New Service Centre, for Comparison to Budget	7,098,503	9,040,958	12,603,157	13,317,937	12,481,008	17,234,719	22,019,299
Net Approved Capital Budget	9,635,300	10,155,976	13,478,274	15,914,924	17,839,746	26,633,264	34,233,214
Remove Smart Meters Budgeted				(2,637,300)	(5,026,193)	(7,021,968)	(3,344,398)
Remove New Service Centre Costs Budgeted - in WIP until 2011					(522,492)	(2,200,000)	(9,800,000)
Net Approved Capital Budget excluding Smart Meters & New Service Centre	9,635,300	10,155,976	13,478,274	13,277,624	12,291,061	17,411,296	21,088,816
Difference in Adjusted Net Capital Additions vs. Net Approved Budget, excluding Smart Meters and New Service Centre	(2,536,797)	(1,115,018)	(875,117)	40,313	189,947	(176,577)	930,483

c) Please provide a copy of the approved capital budget for 2011 from the December 16, 2010 Board of Directors meeting.

Please refer to VECC TCQ # 9.

Question #23

Ref: VECC Interrogatory #21

Has the land that was purchased in 2008 been included in rate base even though the TS is not scheduled to be constructed until 2015?

Yes.

Question #24

Ref: VECC Interrogatory #22

a) Please provide a table that shows for the years 2006 through 2010 the approved total controllable costs, the actual controllable costs and the difference between the two.

Please see the table below.

Table TCQ # 24 (a) – Controllable Cost Comparison

	Actual						
	2006	2007	2008	2009	2010		
Actual Controllable Costs	8,524,692	8,693,608	8,941,699	8,803,306	9,730,393		
Approved Controllable Costs Budgeted	10,197,000	10,460,000	10,576,000	10,902,000	10,704,000		
Less Capital Tax	(310,000)	(335,000)	(340,000)	(309,000)	(93,000)		
Net Approved Controllable Costs	9,887,000	10,125,000	10,236,000	10,593,000	10,611,000		
Difference Net Actual and Net Approved Controllable Costs	(1,362,308)	(1,431,392)	(1,294,301)	(1,789,694)	(880,607)		

b) Please explain the differences between the approved total controllable cost budgets and the actual total controllable costs in 2006 through 2010. Please separate out the impact of smart meters and show the residual difference.

WNH provides a table below which separates out the impact in four areas of: Smart Meters OM&A, Capital Tax, Items with Differing Regulatory and Accounting Treatment and Billings to the Holding Company.

Table TCQ # 24 (b) – Controllable Cost Comparison, including Reconciling Factors

	Actual					
	2006	2007	2008	2009	2010	
Actual Controllable Costs	8,524,692	8,693,608	8,941,699	8,803,306	9,730,393	
Approved Controllable Costs Budgeted	10,197,000	10,460,000	10,576,000	10,902,000	10,704,000	
Less Capital Tax	(310,000)	(335,000)	(340,000)	(309,000)	(93,000)	
Items with Differing Revenue vs Expense Treatment - Regulatory vs. Accounting						
Less USoA 5625 - cost offset for Actual, in Approved shown as revenue	(507,832)	(349,783)	(463,386)	(376,582)	(622,196)	
Less Water & Sewer Billing Costs - Actual to Non-Distribution Expenses USoA 4380	(640,503)	(681,515)	(720,602)	(690,371)	-	
Less Cost of Service Filing Cost Budgeted for Accounting, in Test Year for Regulatory				(40,000)	(80,000)	
Less USoA 5330 Collection Charges Regulatory Against Controllable Costs, Accounting as Revenue	(92,320)	(87,180)	(66,917)	(74,948)	(77,500)	
Other Reconciling Items						
Less Billings to Holding Company Not Budgeted				(102,405)	(148,118)	
Less Smart Meter O&M Budgeted					(34,967)	
Net Approved Controllable Costs	8,646,345	9,006,522	8,985,094	9,308,695	9,648,219	
Difference Net Actual and Net Approved Controllable Costs for Explanation	(121,654)	(312,914)	(43,395)	(505,389)	82,174	

c) Please provide a copy of the approved total controllable costs for 2011 from the December 16, 2010 Board of Directors meeting.

WNH has provided a copy of the approved total controllable costs for 2011 from the December 16, 2010 Board of Directors meeting below.

Table TCQ # 24 (c) – Approved 2011 Controllable Costs

Approved December 16, 2010	2011	Budget (\$000,s)
Controllable Costs		
Distribution	\$	5,243
Billing & Collection		2,454
Community Relations		259
General Administration		3,038
Provincial Capital Taxes		-
Total Controllable Costs	\$	10,994

Question #25

Ref: Board Staff Interrogatory #21

a) Please confirm that WNH is proposing to increase the OMERS increase in costs from \$85,000 to \$211,250 in the 2011 test year.

WNH confirms.

b) Please confirm that the forecasted increases are \$85,000 in 2011, \$99,000 in 2012 and \$104,000 in 2012. If these figures are not correct, please provide the forecasted increases.

WNH confirms.

c) Are the forecasted increases incremental each year? For example, is the \$99,000 forecast increase for 2012 on top of the \$85,000 for 2011 or in place of it?

The forecasted increases are incremental each year.

d) Please confirm that with the revised proposed OMERS costs in the 2011 test year, that WNH would recover \$845,000 over the 2011 through 2014 period.

WNH confirms.

e) Would WNH accept a variance account around whatever amount is included in the 2011 revenue requirement related to the OMERS increase?

It is not WNH's preference to accept a variance account. WNH does not believe the nature of this expense or the amounts involved to justify the establishment of a variance account.

Question #26

Ref: Board Staff Interrogatory #25

Please provide the weighted average cost of long-term debt in the 2011 test year assuming that the Infrastructure Ontario loan is included for one-half of 2011 at 4.95%.

WNH has recalculated the weighted average cost of long-term debt in the 2011 test year, assuming that the Infrastructure Ontario loan is included for one-half of 2011 at 4.95%, as 5.61%.

Question #27

Ref: All Interrogatory Responses

a) Please update the Revenue Requirement Work Form to reflect any changes proposed by WNH as a result of the interrogatory responses provided, including any changes resulting from corrections to the original filing, updates, or adoption of changes resulting from the interrogatory responses.

WNH is not able to provide this information prior to the beginning of the Technical Conference; it will be filed prior to the Settlement Conference.

b) Please provide a tracking sheet that shows the impact of each change proposed by WNH.

WNH is not able to provide this information prior to the beginning of the Technical Conference; it will be filed prior to the Settlement Conference.

APPENDIX A

STATISTICS CANADA TABLE 6 GROSS DOMESTIC PRODUCT, IMPLICIT CHAIN PRICE INDEXES, YEAR-OVER-YEAR CHANGE



Statistics Canada Statistique Canada



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(Note: Content area on this page may be wider than usual.)

Table 6 Gross domestic product, implicit chain price indexes, year-over-year change

Gross domestic product, implicit chain price indexes,						
year-over-year	Second quarter 2009	Third quarter 2009	Fourth quarter 2009	First quarter 2010	Second quarter 2010	Third quarter 2010
	Using seasonally adjusted data (2002=100) year-over-year % change					
Personal expenditure on consumer goods and services	0.3	-0.5	1.2	1.4	1.2	1.5
Business gross fixed capital formation	3.4	1.2	-1.7	-1.7	0.1	1.4
Exports of goods and services	-11.6	-15.3	-8.8	0.1	2.4	3.5
Imports of goods and services	3.9	-4.3	-10.4	-8.5	-5.2	-1.0
Gross domestic product at market prices	-3.8	-3.8	0.7	3.3	3.3	2.8
Final domestic demand	1.6	0.4	0.6	0.9	1.1	1.7

Date Modified: 2010-11-30