



February 2, 2010

Ms. Kirstin Walli
Board Secretary
Ontario Energy Board
P.O. Box 2319
2300 Yonge Street, 27th Floor
Toronto, ON M4P 1E4

Re: Chatham-Kent Hydro Inc. 2010 Cost of Service Application EB-2009-0261

Dear Ms. Walli:

Please find enclosed Chatham-Kent Hydro Inc. responses to the Technical Conference Undertakings from the Technical Conference TCU 2 and TCU 3.

These documents have been filed through RESS

If you have further questions please do not hesitate to call.

Yours truly,

Cheryl Decaire
Co-ordinator of Regulatory and Rates
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Email: cheryldecaire@ckenergy.com

CC: Dave Kenney, President of Chatham Kent Hydro
Chris Cowell, Chief Financial and Regulatory Officer

Chatham-Kent Hydro Inc.

EB-2009-0261

Response to Technical Conference Undertaking #2

TCU-2

To provide a complete response to Energy Probe Question #33 c) including regression statistics, coefficients, and T stats for the equation estimated.

Answer:

Please see below:

SUMMARY OUTPUT

<i>Regression Statistics</i>	
Multiple R	95.49%
R Square	91.18%
Adjusted R Square	90.11%
Standard Error	1763825.336
Observations	84

<i>ANOVA</i>					
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	9	2.38111E+15	2.64568E+14	85.04056722	2.24547E-35
Residual	74	2.3022E+14	3.11108E+12		
Total	83	2.61133E+15			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>
Intercept	(285,567,549)	150,806,062	(1.89)	0.06	(586,055,183)	14,920,086
Heating Degree Days	18,858	1,794	10.51	0.00	15,283	22,432
Cooling Degree Days	111,056	6,238	17.80	0.00	98,626	123,486
Peakhours	30,685	12,481	2.46	0.02	5,816	55,554
Seasonal Weighting Factor	3,497,493	461,410	7.58	0.00	2,578,113	4,416,874
Industrial Production Weighting Factor	721,554	263,636	2.74	0.01	196,248	1,246,859
Population	3,437	1,538	2.24	0.03	373	6,502
Unemployment Rate	(590,255)	265,162	(2.23)	0.03	(1,118,602)	(61,908)
GDP	(189,680)	375,140	(0.51)	0.61	(937,162)	557,802
Median Age	(265,695)	748,402	(0.36)	0.72	(1,756,918)	1,225,528

Chatham-Kent Hydro Inc.

EB-2009-0261

Response to Technical Conference Undertaking #3

TCU-3

Provide an update or correction to the table in Energy Probe question #33 d) so that the actual values reflect the data used in the regression analysis.

Answer:

The table below includes the actual values used in the regression.

Year	Actual	17 Customers	Adjusted Actual	Predicted	Difference	% Difference
2002	938,289,237	100,478,934	837,810,303	831,803,331	(6,006,972)	-0.64%
2003	893,794,600	96,550,407	797,244,193	810,975,878	13,731,685	1.54%
2004	904,175,458	107,156,293	797,019,165	791,993,559	(5,025,606)	-0.56%
2005	946,838,236	111,402,125	835,436,111	824,543,235	(10,892,876)	-1.15%
2006	899,106,310	111,832,748	787,273,562	791,041,101	3,767,539	0.42%
2007	881,809,112	105,992,097	775,817,015	791,322,591	15,505,576	1.76%
2008	852,818,080	74,008,189	778,809,891	767,730,545	(11,079,346)	-1.30%
2009 (WN)	-			745,375,058		
2010 (WN)	-			731,138,316		