July 30, 2001

Ontario Energy Board 2300 Yonge Street 26<sup>th</sup> Floor, PO Box 2319 Toronto, Ontario M4P 1E4

Attention: Mr. Paul B. Pudge Board Secretary

Dear Mr. Pudge:

Re: RP - 2000-0193, EB - 2000 - 0428 Halton Hills Hydro Inc. Rate Application

Thank-you for the opportunity to respond to the "Distribution Rate Application Review Report" prepared by Arthur Andersen Consulting on behalf of Board Staff. Halton Hills Hydro emphasizes and concurs fully with the last sentence in the Executive Summary "Thus, Option 1 was selected as it is the only one that will result in a positive cash flow over the 3-year phase-in period".

I am personally concerned that the Ontario Energy Board be in a position to make its rate decision respecting Halton Hills Hydro Inc. (Halton Hills Hydro, the Company) on Thursday, August 2, 2001. The Company's rate application was submitted on time in November of 2000, and included a complete set of information relative to Halton Hills Hydro's special circumstances. There were no delays in its publication of Notice in February 2001, and there were no interventions offered. No one in the community responded negatively about the rate treatment. The Company has requested that its rates be retroactive to January 1, 2001. Any further delay in obtaining approval of Option 1 will result in the collection of retroactive rate payments to January 1, 2001 being spread over an even shorter period of time. Halton Hills Hydro accepts this current situation but can see no reason not to expedite the approval of Option 1 as presented in the "Distribution Rate Application Review Report" (Report).

Although Halton Hills Hydro provided the Board with an application that was non-typical, it was non-typical only in the context of the 1999 rate normalization. Other "deviations", as noted in the Distribution Rate Application Review Report, illustrated the present or actual situation in the utility at the time of application to the Board to clarify the Company's special case. In its submissions to the Board, the Company explained its position fully and simply. The former Commission operated efficiently and responsibly, and by choice offered rate reductions to customers from 1994 to 1999 from excess capital reserves. Legislation set the 1999 rates as the basis for PBR. This resulted in an unfair

penalty to the Commission's successor Halton Hills Hydro Inc. for operating an efficient utility while under the Commission's management.

Halton Hills Hydro submitted a fair and reasonable rate application as the transitioning mechanism to move from a Public Utility to an Ontario Business Corporation. To be a viable corporation, the Company should not be penalized for decisions that were made in the past under very different operating circumstances that may seriously impact that viability.

With regard to the "Distribution Rate Application Review Report" prepared by Andersen Consulting and provided by Board Staff to Halton Hills Hydro Inc., Halton Hills Hydro has reviewed this document and is concerned with the context taken by the authors of the report. It is understood that there is a specific method by which a review report is prepared. Unfortunately, Halton Hills Hydro believes that the context presents a significant variation from the intent of the submissions made by the Company to the Board in November 2000. In effect, the context of the Report presents the position of the Company as one that I perceive suggests inadequate management and planning. On the contrary, the Board of Directors of Halton Hills Hydro Inc. rationally and deliberately reviewed all possible alternatives prior to making its business decision and submissions to the Ontario Energy Board. Nor does the Report appear to recognize that the reduction in rates from the period 1994 to 1999 was a result of efficient operation, the benefits of which were delivered to the customers in their rates during the same period.

As previously noted the legislation penalized Halton Hills Hydro for its operating efficiencies. Thus in its rate application, the Company sought relief in the form of a normalized adjustment to 1999 rates to remove the effects of lower historical rates which do not return the Company its costs of operation. In doing so, the Company is not asking the Board to remove historical benefits to the customers, but simply to allow the Company to operate in the new market on the same basis as other utilities who were unable to deliver efficiency benefits to their customers.

The apparent difficulty in interpretation of the results of the period from 1994 to 1999 occurs because of an arbitrary definition of financial distress and how that may apply to Halton Hills Hydro's application. The rate reductions offered to customers resulted in the base rates being set at below cost when the legislation established the 1999 rates as the reference point for subsequent PBR applications to the Board.

Halton Hills Hydro has specifically advised Board Staff, and reiterates here, that it is seeking special consideration in the rate application and is not seeking relief from financial distress. In fact, the criteria therefore do not apply to Halton Hills Hydro's financial position at this time, but would if the current trend was allowed to continue. The difficulty for Halton Hills Hydro and indeed the special circumstances leading up to the use of "normalized" 1999 rates were created by legislation and not by Halton Hills Hydro. In fact, the Board was advised of Halton Hills Hydro's concerns in this regard during the Board's review RP-2000-0069 when the Company's President (Mr. Guatto) and then CFO (Mr. Smelsky) appeared to point out the special nature of Halton Hills

Hydro's concerns. In that session, Mr. Guatto responded to Member Halliday that the Company was not seeking relief from financial distress. Member Halliday responded, "I think I understand what your concerns are. We will address those." (RP -2000-0069, August 16, 2000, TR 1142) The approval of Option I will fully address these concerns.

From the table provided below, the impact of the operating loss is evident in the historical cash position of the Company. Cash on hand is decreasing significantly as the table shows and reflects the arguments in the Application that there is a trend toward financial distress.

Cash On Hand

Year	Y/E	Cash
	Balance	
1995	\$5,524,053	3
1996	\$5,490,560	)
1997	\$5,772,560	)
1998	\$4,296,717	
1999	\$4,397,167	,
2000	\$1,140,181	

The Board will understand from the above cash position that the Board of Halton Hills Hydro Inc. has only one acceptable option relative to the rate application. That option is defined in the Report as Option 1. Any different decision of the Board will create financial distress by the end of PBR 1 and subsequently throughout PBR 2 and PBR 3. With respect, Halton Hills Hydro would want to meet with the Board if Option 1 is not acceptable to the Board.

The Company's rate application also addresses the need for cash to finance growth. It is inherent within the RUD model that rates are the vehicle to finance growth. Previously submitted information to Arthur Andersen, which the Company understands was submitted to the Review Panel on July 24, 2001, indicates that the Town of Halton Hills is growing at a rate of 5% per year. The approval of the rate application (Option 1) will assist Halton Hills Hydro to accommodate the capital expenditures required by this growth.

In addition, the following rate comparison may be of value for the Board in assessing the relative impact of the Option 1 scenario versus the rates in the utilities adjacent to Halton Hills Hydro's boundaries with similar growth characteristics. The Company has reviewed published rates of these utilities and determined that with Halton Hills Hydro normalized rates plus one-third MARR the Company's distribution charges are lower than Oakville's rates by 10.6%, and are lower than Guelph's rates by 31.1%. Both Milton and Brampton fall between this minimum and maximum range. This comparison also illustrates quite dramatically that Halton Hills Hydro's choice to normalize rates was indeed appropriate.

Further, and referring once again to the "RP-2000-0069" transcript of August 16, 2000 and to a discussion between Member Zerker and Mr. Guatto, the latter pointed out that "...if we came to the Board and claimed that our rate was below market and we could prove it that the Board would have the ability to bring us back up to market rates." (TR 1140 line 26 to TR 1141 line 1). Halton Hills Hydro believes that the chart below offers the Board the proof that its normalized rates are not incompatible with the distribution rates in these other adjacent and growing Utilities.

### Residential Rate Comparison - Monthly Consumption of 1,000 kWh

Rate Components	Halton Hills	Oakville	Milton	Guelph	Brampton
	(Normalized)	(Approved)	(Approved)	(Approved)	(Approved)
Service Charge	\$9.16	\$10.04	\$10.89	\$10.99	\$8.86
Volumetric	\$6.70	\$7.50	\$7.50	\$9.80	\$9.50
Total Distribution	\$15.86	\$17.54	\$18.39	\$20.79	\$18.36
Cost of Power	\$75.75	\$73.50	\$73.75	\$74.10	\$74.70
Total Bill	\$91.61	\$91.04	\$92.14	\$94.89	\$93.06

Halton Hills Hydro Inc. continues to operate in an efficient and effective manner. Option 1 provides revenues at an appropriate level to ensure the utility contributes positively to the growth of the community the utility serves, and to ensure benefit to the customers to whom it delivers electricity. Halton Hills Hydro Inc. submits that its rate application and approval of what has become Option 1 will provide the Company financial viability while adhering to the principles of the "Distribution Rates Handbook" under the special conditions that have been described.

I, as well as other senior managers, will be available at the pleasure of the Board Members' Review Panel for further discussion on these matters. Further, we will undertake to be in attendance at the Review session on August 2, 2001 if so required.

Yours truly,

Bryan D. Boyce Chairman Halton Hills Hydro

- c. Mr. Mark Garner
  - Ms. Paula Conboy
  - Mr. Michael Bacci, Arthur Andersen
  - Mr. Dan Guatto President Halton Hills Hydro Inc.
  - Mr. Arthur Skidmore Controller Halton Hills Hydro Inc.

#### **Question 1.1**

Please provide audited financial statements for 1999 and 2000

#### Response to Question 1.1

The requested financial statements have been attached. Since there are three sets of financial statements they have been referenced as:

Exhibit #1 (A) – December 31, 1999

Exhibit #1 (B) - October 31, 2000 (End of Commission)

Exhibit #1 (C) - December 31, 2000

#### **Question 1.2**

Referring to the determination of the utility wires-only 1999 rate base of \$25,052,968 please explain whether any contributed capital received after December 31<sup>st</sup>, 1999 has been included in the utility rate base. If so, please indicate the amount, explain the circumstances and provide a justification for the inclusion of such contributed capital in the utility rate base.

In addition, please provide information on contributed capital added through "maintenance agreements" with developers in terms of amounts and rationale for this practice.

#### **Response to Question 1.2**

No, contributed capital received after December 31, 1999 has not been added to the rate base.

No, contributed capital has not been added to the rate base through "maintenance agreements".

#### **Question 1.3**

Most municipal utilities in Ontario provided some non-wires services in 1999 such as water heater rentals and sentinel light rentals. Please verify that all non-wires assets and controllable expenses have been removed from the calculation of the Rate Base and indicate whether non-wires revenues and expenses have been included within the 1999 Return.

#### Response to Question 1.3

Yes, all non-wires assets and controllable expenses have been removed from the calculation of the Rate Base.

No, all non-wires revenues and expenses have not been included in the 1999 return.

#### **Question 1.4**

"Filing Requirements for the Rate Base" calculation have not been included within your application. Please provide this information.

#### **Response to Question 1.4**

The following tables have been attached and are referenced as Exhibit #2:

Table A.1 – Listing of all Assets prior to separation

Table A.2 – Listing of Accounts, prior to separation, relevant to the Working Capital Calculation

Table A.3 - Listing of Distribution "WIRES ONLY' Assets and Rate Base Calculation

Table A.4 - Listing of Distribution "WIRES ONLY' Accounts related to the Working Capital Calculation

These tables were completed at the time of filing and it may have been an oversight that they were excluded upon mailing the rate submission.

#### **Question 1.5**

Upon review of Halton Hills Hydro's RUD Model, it has been noted that several monthly consumption levels receive bill impacts of greater than the Board's guideline of 10 percent from unbundling, as indicated in the Rate Handbook. Specifically, within the General Service >50 kW Non-TOU customer class, three consumption levels have impacts ranging from 16.8 percent to 25.9 percent and within the General Service >50 kW TOU class, the sample customer has impacts of greater than 10 percent following unbundling in both the summer and winter periods. Please indicate how many of the 169 existing Non-TOU and 8 TOU customers will be impacted by greater than 10 percent from unbundling, and how Halton Hills Hydro will assist these customers in dealing with such an impact.

#### **Response to Question 1.5**

It is noted that some customers in the General Service >50 kW Non-TOU customer class who are at the threshold consumption (between 50kW and 75kW) have greater than 10% rate increases, and they represent approximately 35 customers. Halton Hills Hydro Inc. will ensure that these customers will be able to receive guidance and advice with regard to managing their consumption for greater efficiency. Utility customer7s consumption patterns in these classes often reflect the specific characteristics of their business operations. To the extent that the customers accept this advice, consumption patterns may then reflect greater price efficiency.

The General Service >50 kW TOU class T.O.U. customer base is now eleven and the number of customers with a greater than 10% rate increase are as follows:

Winter -2 out of eleven Summer -4 out of eleven

Halton Hills Hydro Inc. will ensure that these customers will be able to receive guidance and advice with regard to managing their consumption for greater efficiency. Utility customers consumption patterns in these classes often reflect the specifics characteristics of their business operations. To the extent that the customers accept the advice, consumption patterns may then reflect greater price efficiency.

#### **Question 1.6**

The variable portion of the monthly service/variable charge ratio was reduced from 42.9 percent to 40 percent in the mitigation step of the unbundling process (i.e. Sheet 12 – Sensitivity Analysis 1 of the RUD Model). The Rate Handbook indicates that the variable portion of the monthly service/variable charge ration should be <u>increased</u> in order to mitigate bill impacts from unbundling. Please make the necessary adjustments to conform with the Rate Handbook or provide justification for the deviation.

#### **Response to Question 1.6**

Halton Hills Hydro calculated that a 2.9% increase was necessary to 'normalize rates'. To conform to the Distribution Rate Handbook the default variable distribution revenue was used, and therefore using the calculations provided by the RUD model the fixed monthly service charge and percentages were obligatory.

Section 3.3.1 of the Rate Handbook states, "should be" and is not "required", the only requirement of the section is Class revenue neutrality. Since we have met the requirement, we feel no changes should be made to the submission.

#### Question 1.7

How does Halton Hills Hydro deal with un-metered or scattered load? Does the existing rate schedule include charges for such customers? Are the rates for scattered and unmetered loads applied on a per-site or per-connection basis? Is an estimate of monthly hours of use applied?

Please indicate the number of customers billed for un-metered load and the annual revenue received from them. How will they be charged going forward, and what is the impact of the rate proposal upon these customers?

#### **Response to Question 1.7**

Halton Hills Hydro Inc. deals with un-metered or scattered loads as a flat rate.

Yes, the existing rate schedule includes charges for such customers.

The rates are applied on a per-connection basis.

Yes, an estimate is used for the monthly hours of use.

We estimate that we have approximately 6 customers.

The revenue earned from these customers is immaterial, therefore no further calculation is deemed to be required.

#### Question 1.8

What is Halton Hills Hydro's proposed implementation date for unbundled rates. Please explain whether Halton Hills Hydro is able to prorate the new rates as of a specified implementation date so that energy consumption prior to the implementation date is charged at the existing rather than the new rates? If not, please explain how it intends to introduce the new rates. If new rates will be retroactively implemented, please indicate how the prorated amounts will be billed to customers.

#### Response to Question 1.8

Halton Hills Hydro Inc. requires the approved rates to be effective January 1, 2001. Because of the delay in obtaining the rate approval, Halton Hills Hydro Inc. will retroactively implement this rate beginning July 1, 2001 on a prorated basis. Halton Hills Hydro Inc. seeks the Board's approval to use our preferred method of a "rate rider" to accommodate this retroactivity. Halton Hills Hydro Inc.'s billing system can accommodate proration of the old to new rates at the time of rate implementation.

#### **Question 1.9**

As part of the rate approval process, the Board Staff generally reviews a draft copy of the customer bill stuffer/insert you will use to inform your customers of the changes to rates. Please provide a copy of the notice or bill insert that will be used to advise customers of the rate changes.

#### Response to Question 1.9

The following is a "draft" of the proposed customer bill insert for Halton Hills Hydro Inc. new rate information. The content of the "draft" may be subject to minor variations, although the context will be similar.

#### HALTON HILLS HYDRO INC. NEW RATE INFORMATION

#### **Electricity Rates have Increased**

Halton Hills Hydro Inc. applied for and the Ontario Energy Board approved new electricity rates effective July 1, 2001. The increase in rates is needed in order to continue to provide a safe, reliable and high-quality electrical distribution system. Your current bill has been calculated using the new rates for electricity consumed on or after the effective date. This bill has been pro-rated to reflect your estimated consumption prior to the implementation date of the new rates. The new rate schedules are shown on the reverse of this notice.

#### Why are Electricity Prices Increasing?

The Energy Competition Act was enacted in October 1998. As a result utilities such as Halton Hills Hydro Inc. recently became independent businesses regulated by the Ontario Energy Board. Rate increases support the increased costs required for regulatory reporting and operating in a competitive marketplace. Rate increases also support the growing infrastructure the utility needs to enable it to provide a reliable service to both existing and new customers in our community. Over the period 1994 to 1999 Halton Hills Hydro Inc. was able to return excess equity to its customers in the form of rate reductions. This is no longer possible or sustainable in a competitive operating environment.

#### Rate Unbundling

In preparation for market opening, and as part of the new regulatory requirements Halton Hills Hydro Inc. sought Ontario Energy Board approval to unbundle its rates and to include a market adjusted revenue requirement. These unbundled rates include both an

#### **Response to Question 1.9** (continued)

energy component as well as a cost of distribution component. The cost of power component is based on kilowatt-hours and kilowatts depending on usage and customer category. The cost of distribution component is based on a fixed monthly fee as well as a volumetric charge that is also based on either kilowatt-hours or kilowatts depending on usage and customer category.

#### How will this affect YOU?

A residential customer in Halton Hills using 1,000 kWh of energy per month will see a monthly increase in their bill of \$3.19 (3.9%) although this figure will vary based on your consumption pattern. Halton Hills Hydro Inc. will consider this rate change in reviewing your Budget Payment Plan (in the fall of 2001) and if necessary, an adjustment will be made to your installments.

Similarly, if you are a general service customer, the impact of this rate change will depend on how much energy you use and the rate category that applies to your usage.

The overall increase in rates averages 5.29% over all customer classes. See the rate categories on the reverse side of this notice.

#### **Question 1.10**

Halton Hills Hydro's Transitional Distribution Rate Order, issued April 1<sup>st</sup>, 1999, includes a list of approved miscellaneous charges. Several of the charges included in the present application are not approved charges from the approved rate schedule, namely Reconnection at meter, Reconnection at pole, and Reconnection after regular working hours.

Please provide cost justification for all miscellaneous charges that Halton Hills Hydro has included in the application that are not currently approved. Please include an estimate of the annual revenue impact of the new charges (i.e. number of charges in 1999 times the new rates minus number of charges in 1999 times the old rates).

#### Response to Question 1.10

In fact the Reconnection at meter, Reconnection at pole, and Reconnection after regular working hours are approved rates from the Schedule of Rates and Charges sent by Ontario Hydro (see Exhibit #3).

Halton Hills Hydro Inc. notes that our Temporary Service charges need to be adjusted in order to supply the Board with a more comprehensive list of the miscellaneous charges on or before July 15, 2001. However, the Temporary Service charges are immaterial and therefore Halton Hills Hydro Inc. expects no impact on the approval of our distribution rates.

#### Question 1.11

Please provide an electronic copy of Halton Hills Hydro's new Rate Schedule for Board Approval. Please use the same format as used in the previously approved rate schedule.

#### **Response to Question 1.11**

## HALTON HILLS HYDRO INC. SCHEDULE OF ELECTRICITY RATES

(Effective for electricity consumed after July 1, 2001)

<u>Customer Class</u>	Cost of Power		Cost of Distribu	<u>tion</u>	
	Consumption (\$/kWh)	Demand (\$/kW)	Fixed Charge (per month)	Consumption (\$/kWh)	Demand (\$/kW)
Residential	\$.0684	-	\$9.16	\$.0067	-
General Service <50 kW	\$.0673	-	\$20.04	\$.0061	-
General Service >50 kW Non Time of Use	\$.0450	\$6.7272	\$509.65	-	\$1.3270
General Service >50 kW Time of Use			\$509.65	-	\$1.3270
<ul><li>Winter On rate</li><li>Winter Off rate</li></ul>	\$.0634 \$.0349	\$9.110			
<ul><li>Summer On rate</li><li>Summer Off rate</li></ul>	\$.0523 \$.0239	\$6.9427			
Sentinel Lights	-	\$20.6131	\$1.00	-	\$3.1943

Please note that this table reflects the information in our rate submission and does not include:

- 1.) The approved \$.00735 Ontario Power Generation Inc. increase effective June 1, 2001
- 2.) Any rate changes as a result of retroactivity. As stated in the answer to question 1.8, our preference is that we use a "rate rider" to accommodate the retroactivity.
- Transformer Allowance .60/kW

A list of miscellaneous charges may be obtained upon request from Halton Hills Hydro Inc.

#### Response to Question 1.11 (continued)

#### **COST OF POWER**

<u>Commodity Charge:</u> this charge represents the cost of power generation and transmission including miscellaneous regulatory charges and debt repayment payable to Ontario Power Generation Inc. and Hydro One Networks Inc. This charge is based on kWh consumption.

<u>Demand Charge:</u> this charge represents the cost of power generation and transmission including miscellaneous regulatory charges and debt repayment payable to Ontario Power Generation Inc. and Hydro One Networks Inc. This charge is based on kW demand and is only applicable to general service customers with monthly demand greater than 50kW.

#### **COST OF DISTRIBUTION**

<u>Fixed Distribution Charge:</u> this charge captures costs required to maintain the business of Halton Hills Hydro Inc.'s distribution system such as billing systems and administration.

KW or kWh Distribution Charge (volumetric): this charge is for the maintenance of Halton Hills Hydro Inc.'s distribution system contained within the boundaries of the Town of Halton Hills and is based on your monthly consumption.

NON-CONSOLIDATED FINANCIAL STATEMENTS
DECEMBER 31, 2000

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DECEMBER 31, 2000

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## Goebelle MacAdam Alexander LLP

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#### **AUDITORS' REPORT**

## To the Shareholder of Halton Hills Hydro Inc.

We have audited the non-consolidated balance sheet of Halton Hills Hydro Inc. as at December 31, 2000 and the non-consolidated statements of income and retained earnings and cash flows for year then ended. These financial statements are the responsibility of the company's management. Our responsibility is to express an opinion on these financial statements based on our audit.

We conducted our audit in accordance with Canadian generally accepted auditing standards. Those standards require that we plan and perform an audit to obtain reasonable assurance whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation.

In our opinion, these non-consolidated financial statements present fairly, in all material respects, the financial position of the company as at December 31, 2000 and the results of its operations and its cash flows for the year then ended in accordance with Canadian generally accepted accounting principles except that they are prepared on a non-consolidated basis as explained in Note 2(a).

The comparative figures presented in the financial statements have not been subject to an audit.

Halton Hills, Ontario April 19, 2001

**CHARTERED ACCOUNTANTS** 

NON-CONSOLIDATED BALANCE SHEET AS AT DECEMBER 31, 2000

		2000		1	999
				(Unaud	ited)
ASSETS					
CURRENT			_		•
Cash	\$	1,140,181	\$	-	_
Accounts receivable (Note 3)		3,602,561			1
Unbilled revenue		3,462,392		-	
Inventory		1,040,264		• -	
Accounts receivable from parent (Note 4)		948,173		-	
Due from subsidiaries (Note 4)		250,438		-	
Debentures receivable (Note 5)		83,277			
Prepaid expenses and deposits		65,249		· -	
		10,592,535			1
LONG-TERM INVESTMENTS (Note 6)		1,033,032		-	
NOTES RECEIVABLE (Note 7)		1,010,404		-	
CAPITAL (Note 8)		22,707,246		_	
DEFERRED CHARGES (Note 9)		534,625		-	
	\$	35,877,842	\$		1
LIABILITIES					
CURRENT					
Accounts payable and accrued liabilities (Note 10)	\$	4,485,673	\$	-	
Current portion of consumer deposits		160,000		-	
Contributions in aid of construction		48,561		_	
		4,694,234			
NICTED DAVABLE TO DADENT (Nictor 11)				-	
NOTES PAYABLE TO PARENT (Note 11)		14,310,843		-	
CONSUMER DEPOSITS (Note 12)		465,573		-	
EMPLOYEE FUTURE BENEFITS (Note 14)	-	394,543			
		19,865,193			
SHAREHOLDER'S EQUITY	Y				
CAPITAL STOCK (Note 15)		14,330,536			1
CONTRIBUTED SURPLUS (Note 16)		2,162,256		_	_
RETAINED EARNINGS (DEFICIT)		(480,143)		-	
		16,012,649			1
	<b>\$</b>	35,877,842	\$	· · · · · ·	

**CONTINGENCIES (Note 21)** 

APPROVED ON BEHALF OF THE BOARD:

Director

Director

The accompanying notes are an integral part of these financial statements

NON-CONSOLIDATED STATEMENT OF INCOME AND RETAINED EARNINGS FOR THE YEAR ENDED DECEMBER 31, 2000

(WITH COMPARATIVES FOR THE NINE MONTHS ENDED DECEMBER 31, 1999)

	2000		1999
			(Unaudited)
SERVICE REVENUE	\$ 5,558,893	\$	-
OTHER INCOME	•		
Interest income	10,927		-
Late payment charges	32,353		-
Pole rentals	15,667		-
Equity income (loss) from long-term investments	(5,806)		<del>-</del> .
Gain on disposal of assets	4,000		-
Other revenue	 22,230		<del></del>
	5,638,264	**	-
OPERATING EXPENSES			
Power costs	5,419,578		-
Salaries and benefits	468,024		-
Material costs	226,468		-
Contract services	114,046		-
Property costs	53,597		-
Other expenses	39,155		-
Communication costs	33,012		
Intercompany reimbursements	(78,842)		-
Allocated to capital	 (428,587)		
	 5,846,451		
(LOSS) INCOME BEFORE INTEREST, INCOME TAXES			
AND AMORTIZATION	 (208,187)		-
AMORTIZATION	266,415		_
INTEREST EXPENSE	 5,541		-
	 271,956		
NET (LOSS) INCOME	(480,143)		-
RETAINED EARNINGS, BEGINNING OF YEAR	 -		<u></u>
(DEFICIT) RETAINED EARNINGS, END OF YEAR	\$ (480,143)	\$	-

## NON-CONSOLIDATED STATEMENT OF CASH FLOWS FOR THE YEAR ENDED DECEMBER 31, 2000

(WITH COMPARATIVES FOR THE NINE MONTHS ENDED DECEMBER 31, 1999)

		2000		<u> </u>	999
				(Unaud	ited
CASH FLOWS PROVIDED BY (USED IN):					
OPERATING ACTIVITIES			•		
Net (loss) income	\$	(480,143)	\$	_	
Items not requiring an outlay of cash:	•	(100,110)	•		
Amortization		266,415			
Loss (gain) on disposal of assets		(4,000)	*	-	
Difference between employee future benefits expense and		( - , )			
amount funded		(192)		-	
Equity loss (income) from limited partnership		5,806		-	
	· · · · · · · · · · · · · · · · · · ·	(010.11.1)			
		(212,114)		_	
Changes in non-cash working capital:					
Accounts receivable		708,735			(1)
Inventory		(95,940)		-	
Prepaid expenses and deposits		(14,726)		-	
Accounts payable and accrued liabilities		1,102,092		-	
Due from subsidiaries		(250,438)		-	
Accounts receivable from parent		(948,173)		-	
Contributions in aid of construction		48,561		-	
Unbilled revenue		(1,094,738)		**	•
		(756,741)			(1)
FINANCING ACTIVITIES					
Capital stock issued		-			1
Decrease in debenture receivable		(43,466)		-	
Consumer deposits - long term		(2,979)		-	
Cash received on decommission		2,512,490		*	
		2,466,045			1
INVESTING ACTIVITIES					
Purchase of capital assets		(496,395)		<b>-</b> -	
Proceeds on disposition of capital assets		4,000		_	
Purchase of long-term investments		(10,389)		<b>-</b> '	
Purchase of computer software	*.	(1,600)			
Restructuring costs incurred		(64,739)		<b>-</b> \	
2 cook down 15 cook in the coo		(0.1,7,5)		<del></del>	
		(569,123)		-	
NET INCREASE IN CASH AND CASH EQUIVALENTS		1,140,181		-	
CASH AND CASH EQUIVALENTS, BEGINNING OF YEAR	····	-		-	
CASH AND CASH EQUIVALENTS, END OF YEAR	\$	1,140,181	\$		

NOTES TO NON-CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED DECEMBER 31, 2000

#### 1. NATURE OF OPERATIONS

Halton Hills Hydro Inc., the "Company", a wholly-owned subsidiary of The Town of Halton Hills, was incorporated on April 13, 1999 under the Business Corporations Act of Ontario.

In recognition of the requirements in Bill 35 (the Energy Competition Act, 1998), the Town of Halton Hills passed a transfer By-law that transferred all of the assets and liabilities of the Halton Hills Hydro-Electric Commission, effective November 1, 2000, to four newly created corporations. These four corporations, Halton Hills Fibre Optics Inc., Halton Hills Energy Inc., Halton Hills Energy Services Inc. and Halton Hills Hydro Inc. will carry on the former businesses of the Commission with all its rights, duties, obligations and responsibilities from the date of transfer. As a result, these financial statements reflect two months of operations as a Company.

The principal activity of the Company is to provide electrical power distribution throughout the Town of Halton Hills.

Net assets transferred to the Company, from the Town of Halton Hills, may be summarized as follows:

Assets		
Cash	\$	2,512,490
Other current assets		7,691,845
Capital, at book value		22,458,963
Deferred charges		486,591
Investment in subsidiaries		1,010,405
Notes from subsidiaries		1,010,404
Debenture receivable		83,277
	Louis Balling Block College	35,253,975
Liabilities		
Current liabilities		3,587,053
Long-term portion of consumer deposits		468,552
Employee future benefits		394,735
		4,450,340
Net assets	<u> </u>	30,803,635
Financed by:		
Note payable to parent	\$	14,310,843
Share capital issued		14,330,536
Contributed surplus		2,162,256
	. \$	30,803,635

The above items, except for cash, represent non-cash transactions and have been excluded from the cash flow statement.

#### 2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

#### (a) Non-Consolidated Financial Statements

Halton Hills Fibre Optics Inc., Halton Hills Energy Services Inc. and Halton Hills Energy Inc. are subsidiaries of the Company and according to generally accepted accounting principles, these investments should be accounted for on a consolidated basis, but because consolidated financial statements have also been issued, this has not been done. As a result, the investment in the subsidiary companies are recorded at cost and income from these investments is included in income for the year only to the extent of dividends received. These non-consolidated financial statements have been prepared for general purposes only and users should be cautioned that they may require additional information. These non-consolidated financial statements are in accordance with generally accepted accounting principles except that they are prepared on a non-consolidated basis.

#### (b) Use of Estimates

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

#### (c) Revenue Recognition

Revenue is recorded on the basis of regular meter readings. Estimates of customer usage since the last meter reading date to the end of the year are recorded as unbilled revenue.

#### (d) Cash Flow Statement

Cash and cash equivalents consist of cash on hand and balances with banks and investments in money market instruments, with a term to maturity of 90 days or less at acquisition. Investing and financing activities that do not require the use of cash or cash equivalents are excluded from the Cash Flow Statement and disclosed separately.

#### (e) Marketable Securities

Halton Hills Hydro Inc. owns 1,661 shares of Sun Life Financial Services of Canada Inc. which is recorded at the lower of cost and market value. As at December 31, 2000 the market value of these shares was \$66,440 and cost was \$Nil as a result of the shares being received upon demutualization.

#### (f) Inventories

Inventories are valued at the lower of average cost and net realizable value.

#### (g) Long-term Investments

The Company follows the equity method of accounting for its investment in a limited partnership. Under this method, the investment is initially recorded at cost and is adjusted for the Company's proportionate share of any post acquisition earnings (losses) and distributions.

#### (h) Capital Assets

Capital assets are recorded at cost. Amortization is provided on a straight-line balance basis so as to amortize the cost of depreciable assets over their estimated useful lives.

Distribution system	25 years
Plant	25-60 years
Fleet	5-8 years
Other equipment	10-15 years
Computers	5 years
General office	10 years
Stores equipment	10 years

The cost and related accumulated amortization of transmission and distribution facilities are removed from the accounts at the end of their estimated average service life. When other capital assets are disposed of, their original cost and accumulated amortization are removed from the accounts and the related gain or loss is included in the determination of income.

#### (i) Contributions in Aid of Construction

Non-refundable contributions in aid of construction are required to be received from developers for certain capital assets acquired by the Company. These amounts are normally included in the equity of the Company and are amortized over the same period as the capital asset they relate to. As the Company may have to repay a portion of this amount to the developers, they have been classified as current liabilities.

#### (i) Deferred Charges

Computer software including licensing and training costs relating to the new customer information system, is being amortized on a straight-line basis over a period of five years. Amortization of restructuring and incorporation costs are being amortized on a straight-line basis over a period of ten years.

#### (k) Pension Plan

The Company provides a pension plan for its employees through the Ontario Municipal Employees Retirement System (OMERS). OMERS is a multi-employer pension plan which operates as the Ontario Municipal Employees Retirement Fund ("the Fund"), and provides pensions for employees of Ontario municipalities, local boards, public utilities, and school boards. The fund is a contributory defined benefit pension plan which is financed by equal contributions from participating employers and employees, and by the investment of earnings of the Fund (see Note 13).

#### (l) Employee Future Benefits

The Company pays certain medical and life insurance benefits, under unfunded defined benefit plans, on behalf of its retired employees and recognizes these post-retirement costs in the period in which the employees rendered the services (see Note 14).

#### (m) Consumer Deposits

Estimated consumer deposits to be refunded in the current year are classified as a current liability.

#### (n) Payment in Lieu of Income Taxes

Until such time as the opening of the competitive electricity market, payments in lieu of income taxes are not applicable to the Company, pursuant to Part VI section 89(1) of the Electricity Act, 1998.

#### 3. ACCOUNTS RECEIVABLE

		2000	 19	999
Electrical service revenue	\$	2,576,261	\$ -	
Miscellaneous		1,080,714		1
GST input tax credits		82,060	-	
Less: Allowance for doubtful accounts	,	(136,474)	-	
	\$	3,602,561	\$	1

#### 4. DUE FROM PARENT AND SUBSIDIARIES

The accounts receivable from parent arose from trade receivables. The amount due from subsidiaries arose from the Company paying for items on behalf of the subsidiaries. These receivables are unsecured and have no specific interest or repayment terms.

#### 5. DEBENTURES RECEIVABLE

Principal and interest payments of the debenture debt issued by the Region of Halton and the Town of Halton Hills on behalf of the Company, and interest paid in the period are summarized as follows:

Interest paid during the period on By-law 182-90 was \$5,157.

The debt discount relating to the debentures is being amortized over the ten year term of the debentures.

The debentures under By-law 68-89 and a portion of 182-90 are sinking fund debentures. The details of these debentures are as follows:

	 68-89		182-90
Sinking fund deposits contributed by Utility	\$ 612,982	\$	217,332
Transfer of Surplus from Debenture 83-88	44,235		20 172
Accumulated earnings of sinking fund	 313,555		38,173
Sinking fund on deposit with trustee	\$ 970,772	\$	255,505
Debenture principal	\$ 888,000	\$	255,000
Sinking fund deposit	 970,772		255,505
Principal outstanding (surplus)	\$ (82,772)	\$_	(505)

#### 6. LONG-TERM INVESTMENTS

	 2000		1999
Halton Hills Energy Inc., a wholly-owned subsidiary company Halton Hills Energy Services Inc., a wholly-owned subsidiary	\$ 1	\$,	-
company	284,904		-
Halton Hills Fibre Optics Inc., a wholly-owned subsidiary company	725,500		-
EnerConnect Inc., a limited partnership of which 40,689 units are held	22,627		-
	\$ 1.033.032	\$	

#### 7. NOTES RECEIVABLE

	 2000	····	1999
Halton Hills Energy Services Inc., unsecured, non-interest			
bearing, no fixed terms of repayment, due November 1, 2005	\$ 284,904	\$	-
Halton Hills Fibre Optics Inc., unsecured, non-interest bearing,			
no fixed terms of repayment, due November 1, 2005			
(effective January 1, 2001 this note was replaced with an			
unsecured note bearing floating interest of prime less 1%, no			
fixed principal repayment terms, due November 1, 2005)	 725,500		-
	\$ 1,010,404	\$	-

#### 8. CAPITAL ASSETS

	 Cost	umulated ortization	Net 2000		Net 1999
Distribution system	\$ 14,422,474	\$ 142,910	\$ 14,279,564	\$	- -
Plant	6,949,297	49,922	6,899,375		-
Fleet	794,177	30,135	764,042		-
Other equipment	299,871	8,583	291,288		
Computers	314,411	12,613	301,798		
General office	124,122	3,764	120,358		-
Stores equipment	51,006	 185	 50,821	`	-
	\$ 22,955,358	\$ 248,112	\$ 22,707,246	\$	-

#### 9. DEFERRED CHARGES

	turing and soration costs \$ 409,080 \$ 6,		Accumulated Cost Amortization		Net 2000		Net 1999 - -	
Restructuring and incorporation costs Computer software			6,818 11,487	•				
	\$	552,930	\$	18,305	\$_	534,625	\$	_

#### 10. ACCOUNTS PAYABLE AND ACCRUED LIABILITIES

 2000		1999
\$ 3,308,407	\$	-
622,599		-
554,667		-
\$ 4,485,673	\$	<u>.</u>
\$	\$ 3,308,407 622,599 554,667	\$ 3,308,407 \$ 622,599 554,667

#### 11. NOTES PAYABLE TO PARENT

These notes are unsecured, have no specific interest or repayment terms and are due November 1, 2005. Upon the opening of the competitive electricity market, the note will be re-issued in order to bear interest at a rate then prescribed by the Treasurer of the Town of Halton Hills.

#### 12. CONSUMER DEPOSITS

	 2000	 1999
Hydro deposits	\$ 580,925	\$ -
Accrued interest on deposits	44,648	-
Less: Current portion of consumer deposits	 (160,000)	 
	\$ 465,573	\$ 

#### 13. PENSION PLAN

The Company did not incur current service pension costs for the year ended December 31, 2000. Effective August 1, 1998, OMERS provided the former Halton Hills Hydro-Electric Commission a temporary contribution holiday, with no company or employee pension contributions required until December 31, 2001, as long as there is sufficient plan surplus. There will be a review of the OMERS plan surplus each year to determine whether the contribution holiday will continue.

#### 14. EMPLOYEE FUTURE BENEFITS

The Company pays certain medical and life insurance benefits on behalf of its retired employees. Effective January 1, 2000, the company adopted the Canadian Institute of Chartered Accountants new accounting standards for employee future benefits. The Company recognizes these post-retirement costs in the period in which the employees rendered the services. The change in accounting policy was applied retroactively, without restatement, and resulted in an employee future benefits liability of \$395,693 at January 1, 2000. The accrued benefit liability at December 31, 2000 of \$394,543 and the expense for the two months ended December 31, 2000, was determined by actuarial valuation using a discount rate of 6%.

Accrued benefit liability recognized in the balance sheet	\$ 394,543
Expense for the period	\$ 5,764
Benefits paid for the period	\$ 5,956
Projected accrued benefit obligation at December 31, 2000, as determined by	
actuarial valuation using a 6% discount rate	\$ 394,543

The main actuarial assumptions employed for the valuations are as follows:

General Inflation: Future general inflation levels, as measured by changes in the Consumer Price Index (CPI), were assumed at 3.5% in 2000 and thereafter.

Interest (Discount) Rate: The obligation as at January 1, 2000, of the present value of future liabilities, and the expense for the two months ended December 31, 2000, were determined using a discount rate of 6%. This corresponds to the assumed CPI rate plus an assumed real rate of return of 2.5%. The projected liability at December 31, 2000 was determined using a discount rate of 6%.

Salary Levels: Future general salary and wage levels were assumed to increase at the CPI rate plus productivity gains of 2% per annum.

Medical Costs: Medical costs were assumed to increase at the CPI rate plus a further increase of 5% in 2000 graded down by 1% annual decrements to 1% in 2004 and thereafter.

Dental Costs: Dental costs were assumed to increase at the CPI rate plus 1%.

#### 15. CAPITAL STOCK

		2000	1999
	ed preference shares ed common shares		
Issued 1,0	21 common shares (1999 - 1)	\$ 14,330,536	\$ 1

#### 16. CONTRIBUTED SURPLUS

Contributed surplus represents the difference between the value of the net assets transferred on November 1, 2000 and the value of the net assets on August 31, 2000, the preliminary date used for determining the amounts transferred. As at December 31, 2000 this amount has yet to be distributed between Notes Payable to Parent and Share Capital. The final determination of the allocation of this difference will be determined by the Corporation and the Treasurer of the Town of Halton Hills during the 2001 fiscal year.

#### 17. FINANCIAL INSTRUMENTS

The Company's financial instruments are substantially all cash, marketable securities, accounts receivable, notes receivable, unbilled revenue, accounts payable and accrued liabilities, notes payable to parent and amounts due to/from related parties, the book value of which approximates their fair value. The Company does not have significant credit risk from any individual customers. The Company minimizes its credit risk through the use of credit policies, regularly reviewing credit limits of customers and monitoring and following up on overdue accounts receivable.

#### 18. COMMITMENTS

The Company has minimum annual lease commitments for computer equipment, office equipment and software support in the following approximate amounts:

	The state of the s	
2001	\$	55,934
		42,928
2002		40,000
2003		•
2004		40,000
2005		40,000

#### 19. RELATED PARTY TRANSACTIONS

·	 2000	 1999
Revenue		
Energy charges to parent	\$ 47,934	\$ -

These transactions are in the normal course of operations and are measured at the exchange amount, which is the amount of consideration established by the standard approved rates.

### 20. SUBSEQUENT EVENTS

According to Bylaw 00-100 passed on August 8, 2000, the assets transferred from the Town of Halton Hills will be revalued to their fair market value as at November 2, 2000. The fair market value of the assets will be determined based on the following three criteria: the permitted rate of return on equity and the rates that the Ontario Energy Board will allow the Company to charge for the distribution of electricity; the initial Ontario Energy Board rate order for the year of Market Opening and subsequent years and; any valuation of the assets by an independent valuator subsequent to the enactment of the by-law. This revaluation is expected to occur during the 2001 fiscal year. Any change in value of net assets transferred as a result of this adjustment will be allocated between Notes Payable to Parent and share capital as determined by the Corporation and the Treasurer of the Town of Halton Hills.

#### 21. CONTINGENT LIABILITIES

A class action claiming \$500,000,000 in restitutionary payments plus interest was served on a representative utility on November 18, 1998. The action was initiated against that utility as the representative of the Defendant Class consisting of all municipal electric utilities in Ontario which have charged late charges on overdue utility bills at any time after April 1, 1981.

The claim is that late payment penalties result in the municipal electric utilities receiving interest at effective rates in excess of 60% per year, which is illegal under Section 347(1)(b) of the Criminal Code.

The Municipal Electric Association is undertaking the defence of the class action. At this time it is not possible to quantify the effect, if any, on the financial statements of the Company

The Company has been named defendant in a legal action alleging wrongful dismissal of a former employee. The action seeks \$125,000 in damages. Legal counsel to the Company is unable to assess the Company's potential liability, if any, resulting from this action. Any settlement will be reflected as a charge to income in the year incurred. No provision for possible loss has been included in these financial statements.

### HALTON HILLS HYDRO-ELECTRIC COMMISSION

**Financial Statements** 

October 31, 2000

## Goebelle MacAdam Alexander LLP

37 Main Street South Georgetown, Ontario L7G 3G2

Tel.: (905) 877-5155 Tor.: (905) 846-5117 Fax: (905) 877-5905

### **Auditors' Report**

To the Commissioners of the Halton Hills Hydro-Electric Commission, Members of Council, Inhabitants and Ratepayers of the Corporation of the Town of Halton Hills

We have audited the balance sheet of Halton Hills Hydro-Electric Commission as at October 31, 2000 and the statements of equity, operations, and cash flow for the ten months then ended. These financial statements are the responsibility of the Commission's management. Our responsibility is to express an opinion on these financial statements based on our audit.

We conducted our audit in accordance with generally accepted auditing standards. Those standards require that we plan and perform an audit to obtain reasonable assurance whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation.

In our opinion, these financial statements present fairly, in all material respects, the financial position of the Halton Hills Hydro-Electric Commission at October 31, 2000 and the results of its operations and the changes in its financial position for the ten months then ended in accordance with generally accepted accounting principles disclosed in Note 1 to the financial statements.

Halton Hills, Ontario November 24, 2000

**Chartered Accountants** 

Goelelle Nag Sdam Alexander Wi

Graeme Goebelle, B.A., F.C.A.

A. Brian MacAdam, B.Sc., C.A., C.F.P.
David Alexander, B.Math., C.A.

Melanie McCracken, B.Sc., C.A.

### HALTON HILLS HYDRO-EIJECTRIC COMMISSION

#### **Balance Sheet**

### As at October 31, 2000

(with comparatives as at December 31)

		2000	1999		1998
	sets				
Current Cash	\$	2,773,005 \$	4,397,167	S	4,296,717
Accounts receivable (Note 2)	Ψ	5,051,176	2,245,819	•	3,429,192
Unbilled revenue		2,367,654	3,192,794		2,184,490
Inventory		950,777	1,149,665		1,018,227
Prepaid expenses		54,523	68,787		92,312
repute expenses	_	11,197,135	11,054,232	_	11,020,938
Capital (Note 3)		24,368,088	22,325,398		20,675,761
Deferred charges (Note 4)		486,592	298,076	_	281,209
Development charges receivable (Note 5)	_	-	442,607	_	181,746
	<b>S</b> _	36,051,815 \$	34,120,313	<b>\$</b> _	32,159,654
Lial	oiliti	es			
Current					
Accounts payable and accrued liabilities (Note 6)	\$	3,865,963 \$	4,374,482	\$	3,695,438
Accrued interest		25,500	1,949		12,066
Customer credit balances		705,332	831,874		422,076
Current portion of long-term debt		43,467	43,467		104,765
Current portion of consumer deposits	_	160,000	160,000		160,000
		4,800,262	5,411,772		4,394,345
Long-term debt		(50.570)	(21, 404)		165.005
Debenture debt (Note 7)		(52,579)	(21,404)		165,005
Current portion of long-term debt (Note 7)	-	(43,467) (96,046)	(43,467)		(104,765)
Other	-	(30,010)	(0 ,,0.1,		3 3,2 7 2
Development charge fund (Note 5)		-	442,607		181,746
Consumer deposits (Note 8)		674,210	689,901		677,172
Current portion of consumer deposits		(160,000)	(160,000)	)	(160,000
		514,210	972,508	-	698,918
E	quit	y			
Equity	-	30,833,389	27,800,904	_	27,006,151
	\$	36,051,815 \$	34,120,313	<b>\$</b>	32,159,654
Approved on behalf of the Commission:	-				

The accompanying notes are an integral part of these financial statements

### HALTON HILLS HYDRO-ELECTRIC COMMISSION

### **Statement of Equity**

## For Ten Month Period Ended October 31, 2000 (with comparatives for the year ended December 31)

		2000	1999	1998
Contributions in aid of construction			•	
Balance, beginning of period	\$	6,676,847 \$	5,895,018 \$	5,023,623
Current year additions		2,298,595	781,829	871,395
Balance, end of period	· -	8,975,442	6,676,847	5,895,018
Accumulated net income				
Balance, beginning of period		21,124,057	21,111,133	21,453,711
Net income (loss)		733,890	12,924	(342,578)

21,857,947

30,833,389 \$

21,124,057

27,800,904 \$

21,111,133

27,006,151

Balance, end of period

# Statement of Operations

For Ten Month Period Ended October 31, 2000 (with comparatives for the year ended December 31)

(With Compared		2000	1999	1998
Service revenue (Note 9)	\$	25,493,686 \$	29,880,212 \$	28,822,171
Cost of power	: :	21,727,948	26,441,767	25,594,187
Gross margin		3,765,738	3,438,445	3,227,984
Operating expenses				
Administration	*	957,257	1,106,803	1,071,617
Billing and collection		838,648	872,165	951,784
Lines and feeders	4	577,748	695,549	718,426
Transformers and meters		250,344	222,592	208,387
Substations		146,920	120,904	53,010
Customer service		137,378	117,350	169,483
Fibre optics		63,115	<u>.</u>	<u>.</u>
Interest expense		27,612	58,612	168,008
Amortization (Note 10)		1,170,938	1,440,409	1,488,891
,		4,169,960	4,634,384	4,829,606
Operating revenue (Note 11)		654,076	633,221	638,029
Net operating expenses		3,515,884	4,001,163	4,191,577
Operating income (loss)		249,854	(562,718)	(963,593)
Other income (Note 12)		484,036	575,642	621,015
Net income (loss)	\$	733,890 \$	12,924 \$	(342,578)

The accompanying notes are an integral part of these financial statements

## **Statement of Cash Flow**

# For Ten Month Period Ended October 31, 2000

(with comparatives for the year ended December 31)

		2000	1999	1998
Cash provided by (used for):	÷			
Operations				
Net income (loss)	\$	733,890 \$	12,924 \$	(342,578)
Amortization of capital assets (Note 10)		1,338,698	1,610,562	1,680,977
Gain on disposal of capital assets		(22,480)	(4,131)	(1,878)
Amortization of debt discount		•	472	2,344
	·	2,050,108	1,619,827	1,338,865
Net change in non-cash working capital balances				
related to operations (Note 13)		(2,378,575)	1,145,881	(1,052,817)
	_	(328,467)	2,765,708	286,048
Financing				•
Repayment of debenture debt		(31,175)	(186,881)	(248,924)
Increase (decrease) in consumer deposits		(15,691)	12,729	(13,112)
Increase in contributions in aid of construction		2,298,595	781,829	871,395
	_	2,251,729	607,677	609,359
Investing				
Decrease (increase) in deferred charges		(188,516)	(16,867)	18,156
Purchase of capital assets		(3,381,388)	(3,260,199)	(2,391,700)
Proceeds on disposal of capital assets		22,480	4,131	1,878
•	-	(3,547,424)	(3,272,935)	(2,371,666)
Net change in cash		(1,624,162)	100,450	(1,476,259)
Cash and cash equivalents, beginning of period	_	4,397,167	4,296,717	5,772,976
Cash and cash equivalents, end of period	\$ _	2,773,005 \$	4,397,167 \$	4,296,717

The accompanying notes are an integral part of these financial statements

#### Notes to Financial Statements October 31, 2000

#### 1. Significant Accounting Policies

The financial statements have been prepared in accordance with accounting principles for municipal electrical utilities in Ontario as required by Ontario Hydro under the authority of section 115 of the Power Corporation Act and reflect the following policies as set forth in the manual "Accounting for Municipal Electric Utilities in Ontario".

#### (a) Inventory

Inventory is valued at the lower of average cost and net realizable value.

#### (b) Capital Assets

Capital assets are recorded at cost. Amortization is provided on a straight-line basis over the estimated service lives of the assets.

The cost and related accumulated amortization of transmission and distribution facilities are removed from the accounts at the end of their estimated average service life. When other capital assets are disposed of, their original cost and accumulated amortization are removed from the accounts and the related gain or loss is included in the determination of income.

#### (c) Contributions in Aid of Construction

Non-refundable contributions in aid of construction are required for certain capital assets acquired by the Commission. These amounts are included in the equity of the utility and are not amortized.

#### (d) Consumer Deposits

Estimated consumer deposits to be refunded in the upcoming year are classified as a current liability.

#### (e) Revenue Recognition

Revenue is recorded in the accounts to various dates on the basis of monthly or bi-monthly meter readings. Unbilled revenue at the end of the year is included in revenue for the year.

#### (f) Burden Allocation

Burdens have been allocated for the year in a method consistent with the procedures of Ontario Hydro.

#### (g) Use of Estimates

The preparation of financial statements in accordance with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amount of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amount of revenues and expenses during the reported period. These estimates are reviewed periodically, and, as adjustments become necessary, they are reported in earnings in the period in which they become known.

# 2. Accounts Receivable

Accounts receivable consist of the following:		Oct. 31 2000	Dec. 31 1999	Dec. 31 1998
Electric service revenue	\$	2,448,404 \$	1,026,620 \$	1,924,640
Water/sewage service revenue		436,174	178,738	370,392
Municipal owned streetlighting		•	-	57,705
Sundry		2,286,414	1,140,755	1,136,455
GST input tax credits		_	19,384	-
Allowance for doubtful accounts		(119,816)	(119,678)	(60,000)
	<b>\$</b> _	5,051,176 \$	2,245,819 \$	3,429,192

# 3. Capital Assets

Capital assets consist of the following:

		Oct. 31 2000		Dec. 31 1999	Dec. 31 1998
-	Cost	Accumulated Amortization	Net	Net	Net
Plant \$	40,510,376	\$ 18,182,742 <b>\$</b>	22,327,634	\$ 20,433,624	\$ 18,803,128
General office	323,991	200,838	123,153	128,794	138,414
Computers	521,052	304,979	216,073	229,141	139,233
Water heaters	1,952,036	1,316,912	635,124	655,208	707,566
Sentinel lights	40,425	35,318	5,107	5,856	6,340
Store equipment	49,607	41,260	8,347	10,972	14,123
Rolling stock	1,673,589	920,809	752,780	567,788	572,728
Other equipment	732,412	432,542	299,870	294,015	294,229
\$	45,803,488	\$ <u>21,435,400</u> \$	24,368,088	\$ <u>22,325,398</u>	\$ <u>20,675,761</u>

#### 4. Deferred Charges

Deferred charges consist of the following:	Oct. 31 2000		Dec. 31 1999		Dec. 31 1998
Unamortized debt discount	\$ 57	\$	57	<b>\$</b>	529
Restructuring and incorporation costs	344,285		90,343		-
Computer software	142,250		207,676	_	280,680
	\$ 486,592	\$ <u></u>	298,076	<b>.</b> \$ =	281,209

Amortization of the debt discount is provided on a straight-line basis over the term of the debenture. Computer software including licensing and training costs relating to the new customer information system, is being amortized on a straight-line basis over a period of five years. Amortization of restructuring and incorporation costs will commence in the year restructuring processes are completed.

#### 5. Development Charges Receivable

Development charges receivable are due from the Town of Halton Hills for future development commitments. The development commitments are recorded in the accounts as a Development Charge Fund, which consists of the following:

		Oct. 31 2000	Dec. 31 1999	Dec. 31 1998
Balance, beginning of period	\$	442,607 \$	181,746 \$	230,176
Interest earned on fund		20,000	21,351	19,005
Additions to fund		331,750	463,672	318,597
Amounts transferred to equity		(794,357)	(224,162)	(386,032)
Balance, end of period	<b>s</b>	\$ _	442,607 \$	181,746

#### 6. Accounts Payable and Accrued Liabilities

Accounts payable and accrued liabilities consist of the following:

		Oct. 31 2000		Dec. 31 1999		Dec. 31 1998
Ontario Hydro	\$	2,313,016	\$	3,021,969	\$	2,684,002
Region of Halton		712,632		327,078		625,246
Other		840,315	_	1,025,435		386,190
	* <b>\$</b>	3,865,963	\$_	4,374,482	<b>\$</b> _	3,695,438

#### 7. Debenture Debt

Principal and interest payments of the debenture debt issued by the Region of Halton and the Town of Halton Hills on behalf of the Commission, and interest paid in the period are summarized as follows:

By-law	Year of Retirement	Principal Outstanding	Principal Due Within One Year	Interest Paid in Year
68-89	1999	\$ (110,136) \$	-	\$ -
182-90	2000	57,557	43,467	25,500
		\$ (52,579) \$	43,467	\$ 25,500

The debt discount relating to the debentures is being amortized over the term of the debentures which is ten years.

The debentures under By-law 68-89 and a portion of 182-90 are sinking fund debentures. The details of these debentures are as follows:

		68-89		182-90
Sinking fund deposits contributed by Utility	\$	612,982	\$	173,865
Transfer of Surplus from Debenture 83-88		44,235		-
Accumulated earnings of sinking fund		340,919	_	23,578
Sinking fund on deposit with trustee	\$	998,136	<b>\$</b> =	197,443
Debenture principal	\$	888,000	\$	255,000
Sinking fund deposit		998,136		197,443
Principal outstanding (surplus)	<b>\$</b>	(110,136)	<b>\$</b> _	57,557

Interest earned of \$31,175 in 2000 (\$37,410 - 1999, \$127,097 - 1998) on the sinking fund deposits has been included with interest income.

The Commission is obligated under the terms of the debentures to make payments in respect of sinking funds and principal repayments over the next 5 years are as follows:

2000	\$ 43,467
2001	-
2002	-
2003	-
2004	 -
Total	\$ 43,467

#### 8. Consumer Deposits

Consumer deposits consist of the following:		Oct. 31 2000		Dec. 31 1999	Dec. 31 1998
Hydro deposits	\$	582,195	\$	594,076	\$ 581,153
Water deposits		44,752		43,564	43,758
Accrued interest on deposits		47,263	_	52,261	 52,261
	<b>s</b> _	674,210	\$	689,901	\$ 677,172

#### 9. Service Revenue

Service revenue consists of the following:		Oct. 31 2000		Dec. 31 1999		Dec. 31 1998
Residential General Streetlighting	\$	11,747,517 13,615,185 130,984	\$	13,261,701 \$ 16,467,075 151,436	_	13,012,207 15,661,437 148,527
	\$ _	25,493,686	\$_	29,880,212	<b>S</b>	28,822,171

#### 10. Amortization Expense

Total amortization recorded in the accounts amounts to \$1,338,698 (\$1,610,562 - 1999, \$1,680,977 - 1998). Amortization expense for stores equipment, rolling stock and miscellaneous equipment is allocated to various expenses as an overhead charge.

#### 11. Operating Revenue

Operating revenue consists of the following:		Oct. 31 2000		Dec. 31 1999	Dec. 31 1998
Water heater rentals	\$	206,797	\$	232,552 \$	228,459
Administration fees recovered from Region		209,049		243,479	236,068
Fibre optic contracts		114,435		9,088	7,746
Use of facilities		29,167		35,000	53,926
Pole rentals		92,283		107,381	94,702
Sentinel light rentals	_	2,345	_	5,721	17,128
	\$	654,076	\$ <sub>=</sub>	633,221 \$	638,029

#### 12. Other Income

Other income consists of the following:

	Oct. 31 2000	Dec. 31 1999		Dec. 31 1998
Interest	\$ 161,495	\$ 227,925	\$	353,887
Late payment charges	216,405	251,251		206,657
Gain on sale of capital assets	22,480	4,131		1,878
Sundry	81,556	88,783		44,910
Sale of scrap material	 2,100	 3,552	•.	13,683
	\$ 484,036	\$ 575,642	\$	621,015

#### 13. Net Change in Non-Cash Working Capital Balances

Cash is provided by (used for) non-cash working capital balances related to operations as follows:

		Oct. 31 2000	Dec. 31 1999	Dec. 31 1998
Accounts receivable	\$	(2,805,357) \$	1,183,373 \$	(331,385)
Unbilled revenue		825,140	(1,008,304)	(199,985)
Inventory		198,888	(131,438)	(105,073)
Prepaid expenses		14,264	23,525	(22,800)
Accounts payable and accrued liabilities		(508,519)	679,044	(231,295)
Accrued interest		23,551	(10,117)	(10,133)
Customer credit balances	-	(126,542)	409,798	(152,146)
	\$_	(2,378,575) \$	1,145,881 \$	(1,052,817)

#### 14. Financial Instruments

The Commission's financial instruments are substantially all cash, accounts receivable and accounts payable and accrued liabilities, the book value of which approximates its fair value. The Commission does not run significant credit risk with respect to any individual customer. The Commission minimizes its credit risk through the use of credit policies and monitoring the follow up on overdue accounts receivable.

#### 15. Contingent Liability

A class action claiming \$500,000,000 in restitutionary payments plus interest was served on a representative utility on November 18, 1998. The action was initiated against that utility as the representative of the Defendant Class consisting of all municipal electric utilities in Ontario which have charged late payment charges on overdue utility bills at any time after April 1, 1981.

The claim is that late payment penalties result in the municipal electric utilities receiving interest at effective rates in excess of 60% per year, which is illegal under Section 347(1)(b) of the Criminal Code.

The Municipal Electric Association is undertaking the defense of this class action. At this time it is not possible to quantify the effect, if any, on the financial statements of Halton Hills Hydro-Electric Commission.

#### 16. Industry Restructuring

The Ontario Government enacted the Energy Competition Act, 1998 to introduce competition to the Ontario electricity market by the year 2000. Under the terms of this legislation, the Ontario Energy Board (the "OEB") will regulate industry participants by issuing licenses for the right to generate, transmit, distribute or retail electricity. These licenses will require compliance with established market rules and codes.

Pursuant to legislation, the Corporation of the Town of Halton Hills, as owners of the Commission, enacted a By-Law to authorize the incorporation of one or more companies created for the purpose of continuing distributing and retailing activities of the Commission. As of November 1, 2000, the assets and liabilities of the Halton Hills Hydro-Electric Commission were transferred to three newly created corporations. The Corporation of the Town of Halton Hills is the sole shareholder of the parent company Halton Hills Hydro Inc.

#### 17. Commitments

The Commission has commitments for computer equipment, office equipment, and software support services in the following approximate amounts:

2000	\$ 4,324
2001	53,372
2002	42,929
2003	40,000
2004	40,000

#### 18. Comparative Figures

Certain comparative figures have been reclassified to conform with the current year's financial statement presentation which has had no effect on net income or cash position.

**Financial Statements** 

**December 31, 1999** 

### **Auditors' Report**

To the Commissioners of the Halton Hills Hydro-Electric Commission, Members of Council, Inhabitants and Ratepayers of the Corporation of the Town of Halton Hills

We have audited the balance sheet of Halton Hills Hydro-Electric Commission as at December 31, 1999 and the statements of equity, operations, and cash flow for the year then ended. These financial statements are the responsibility of the Commission's management. Our responsibility is to express an opinion on these financial statements based on our audit.

We conducted our audit in accordance with generally accepted auditing standards. Those standards require that we plan and perform an audit to obtain reasonable assurance whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation.

In our opinion, these financial statements present fairly, in all material respects, the financial position of the Halton Hills Hydro-Electric Commission as at December 31, 1999 and the results of its operations for the year then ended in accordance with generally accepted accounting principles disclosed in Note 1 to the financial statements.

Halton Hills, Ontario

**Chartered Accountants** 

# **Badance Sheet**

# As at December 31, 1999

		1999		1998		1997
Assets						
Current						
Cash	\$	4,397,167	\$	4,296,717	\$	3,761,724
Marketable securities		-		-		2,011,252
Accounts receivable (Note 2)		2,358,758		3,429,192		3,097,807
Unbilled revenue		3,192,794		2,184,490		1,984,505
Inventory		1,149,665		1,018,227		913,154
Prepaid expenses		68,787		92,312		69,512
•		11,167,171	_	11,020,938		11,837,954
Capital (Note 3)		22,325,398	_	20,675,761	_	19,965,037
Deferred charges (Note 4)	_	298,076	_	281,209	_	301,709
Development charges receivable (Note 5)		442,607		181,746	******	230,176
	<b>\$</b>	34,233,252	<b>. \$</b> _	32,159,654	<b>s</b> _	32,334,876
Liabilities						
Current						
Accounts payable and accrued liabilities (Note 6)	\$	4,758,648		3,695,438	\$	3,926,733
Accrued interest	•	1,949		12,066		22,199
Customer credit balances		560,647		422,076		574,221
Current portion of long-term debt		43,467		104,765		150,017
Current portion of consumer deposits		160,000		160,000		160,000
Current portion of consumer deposits	-	5,524,711		4,394,345		4,833,170
Long-term debt	_					
Debenture debt (Note 7)		(21,404)		165,005		413,929
Current portion of long-term debt (Note 7)		(43,467)		(104,765)		(150,017)
	_	(64,871)	-	60,240		263,912
Other		110 607		101.746		220 176
Development charge fund (Note 5)		442,607		181,746		230,176
Consumer deposits (Note 8)		689,901		677,172		690,284
Current portion of consumer deposits		(160,000) 972,508		(160,000) 69 <b>8</b> ,918		(160,000) 760,460
Equity					-	
Equity	_	27,800,904		27,006,151	_	26,477,334
	\$	34,233,252		32,159,654	\$	32,334,876
Approved on behalf of the Commission:			= :		= =	
M. Allison - 2000 Chairman D. Frizzell -1999 Chairm				D. Guatto - Gen		

The accompanying notes are an integral part of these financial statements

# Statement of Equity

# As at December 31, 1999

		1999		1998		1997
Contributions in aid of construction						
Balance, beginning of year	\$	5,895,018	\$	5,023,623	\$	4,408,524
Current year additions		781,829		871,395	_	615,099
Balance, end of year Accumulated net income	<del> </del>	6,676,847		5,895,018	-	5,023,623
Balance, beginning of year		21,111,133		21,453,711		21,079,588
Net income (loss)		12,924		(342,578)	_	374,123
Balance, end of year		21,124,057		21,111,133	. <u>-</u>	21,453,711
	\$	27,800,904	<b>\$</b> _	27,006,151	<b>\$</b> _	26,477,334

## Statement of Operations

For Year Ended December 31, 1999

~		1999		1998		1997
Service revenue (Note 9)	\$	29,880,212	\$	28,822,171	\$	28,954,954
Cost of power		26,441,767		25,594,187	_	25,050,700
Gross margin	<del></del>	3,438,445	_	3,227,984	_	3,904,254
Operating expenses						
Substations		120,904		53,010		98,629
Lines and feeders		695,549		718,426		545,719
Transformers and meters		222,592		208,387		230,070
Billing and collection		872,165		951,784		927,588
Administration		1,106,803		1,071,617		1,064,361
Interest expense		58,612		168,008		269,494
Customer service		117,350		169,483		156,985
Amortization (Note 10)		1,440,409		1,488,891		1,479,407
		4,634,384		4,829,606		4,772,253
Operating revenue (Note 11)		624,133	_	630,283		580,112
Net operating expenses	_	4,010,251	-	4,199,323	_	4,192,141
Operating income (loss)		(571,806)		(971,339)		(287,887)
Other income (Note 12)		584,730	_	628,761	_	662,010
Net income (loss)	\$	12,924	\$_	(342,578)	\$_	374,123

The accompanying notes are an integral part of these financial statements

# Statement of Cash Flow

## For Year Ended December 31, 1999

		1999		1998		1997
Cash provided by (used for):						
Operations						
Net income (loss)	\$	12,924	\$	(342,578)	\$	374,123
Amortization of capital assets		1,610,562		1,680,977		1,613,462
Amortization of debt discount		472	_	2,344		3,010
		1,623,958		1,340,743		1,990,595
Net change in non-cash working capital balances						
related to operations (Note 13)		1,145,881		(1,052,817)		1,137,993
*		2,769,839	_	287,926		3,128,588
Financing						
Repayment of debenture debt		(186,881)		(248,924)		(773,020
Increase (decrease) in consumer deposits		12,729		(13,112)		(671
Increase in contributions in aid of construction		781,829		871,395		615,099
		607,677	_	609,359	_	(158,592
Investing						
Decrease (increase) in deferred charges		(16,867)		18,156		(123,279
Purchase of capital assets		(2,708,186)		(2,391,700)		(2,564,301
•		(2,725,053)	_	(2,373,544)	_	(2,687,580
Net change in cash		652,463		(1,476,259)		282,416
Cash position, beginning of year		4,296,717	_	5,772,976	_	5,490,560
Cash position, end of year	\$	4,949,180	\$_	4,296,717	<b>s</b> _	5,772,976
	. =					
Cash position consists of the following:						
Cash	\$	4,397,167	\$	4,296,717	\$	3,761,724
Marketable securities		*	_	-	_	2,011,252
	\$	4,397,167	\$	4,296,717	\$	5,772,970
	~	-,,		, -,		, , ,

The accompanying notes are an integral part of these financial statements

### Notes to Financial Statements December 31, 1999

#### 1. Significant Accounting Policies

The financial statements have been prepared in accordance with accounting principles for municipal electrical utilities in Ontario as required by Ontario Hydro under the authority of section 115 of the Power Corporation Act and reflect the following policies as set forth in the manual "Accounting for Municipal Electric Utilities in Ontario".

#### (a) Inventroy

Inventory is valued at the lower of average cost and net realizable value.

#### (b) Capital Assets

Capital assets are recorded at cost. Amortization is provided on a straight-line basis over the estimated service lives of the assets.

The cost and related accumulated amortization of transmission and distribution facilities are removed from the accounts at the end of their estimated average service life. When other capital assets are disposed of, their original cost and accumulated amortization are removed from the accounts and the related gain or loss is included in the determination of income.

#### (c) Contributions in Aid of Construction

Non-refundable contributions in aid of construction are required for certain capital assets acquired by the Commission. These amounts are included in the equity of the utility and are not amortized.

#### (d) Consumer Deposits

Estimated consumer deposits to be refunded in the upcoming year are classified as a current liability.

#### (e) Revenue Recognition

Revenue is recorded in the accounts to various dates on the basis of monthly or bi-monthly meter readings. Unbilled revenue at the end of the year is included in revenue for the year.

#### (f) Burden Allocation

Burdens have been allocated for the year in a method consistent with the procedures of Ontario Hydro.

#### 2. Accounts Receivable

Accounts receivable consist of the following:	1999		1998		1997
Electric service revenue	\$ 1,026,620	\$	1,924,640	\$	1,996,541
Water/sewage service revenue	178,738		370,392		325,367
Municipal owned streetlighting	0		57,705		15,304
Sundry	1,058,177		1,136,455		745,821
GST input tax credits	214,901		0		48,658
Allowance for doubtful accounts	 (119,678)	_	(60,000)	-	(33,884)
	\$ 2,358,758	<b>s</b> _	3,429,192	<b>.</b> \$_	3,097,807

#### 3. Capital Assets

Capital assets consist of the following:

		1999		1999		1999		1998		1997
	_	Cost	_	Accumulated Amortization		Net Book Value		Net Book Value		Net Book Value
Plant	\$	37,659,737	\$	17,226,113	\$	20,433,624	\$	18,803,128	s	18,097,863
General office		310,557		181,763		128,794		138,414		141,263
Computer equipment		472,014		242,873		229,141		139,233		98,160
Water heaters		1,849,021		1,193,813		655,208		707,566		707,272
Sentinel lights		40,125		34,269		5,856		6,340		7,500
Store equipment		49,607		38,635		10,972		14,123		9,592
Rolling stock		1,548,038		980,250		567,788		572,728		632,146
Other equipment	_	683,606		389,591		294,015	-	294,229	_	271,241
	\$	42,612,705	<b>.</b> \$ _	20,287,307	<b>.</b>	22,325,398	\$_	20,675,761	<b>\$</b> _	19,965,037

#### 4. Deferred Charges

Deferred charges consist of the following:	1999	1998		1997
Unamortized debt discount Restructuring & Incorporation Costs Computer software	\$ 57 90,343 207,676	529 0 280,680	\$	2,873 0 298,836
	\$ 298,076	281,209	<b>s</b> _	301,709

Amortization of the debt discount is provided on a straight-line basis over the term of the debenture. Computer software including licensing and training costs relating to the new customer information system, is being amortized on a straight-line basis over a period of five years.

#### 5. Development Charges Receivable

Development charges receivable are due from the Town of Halton Hills for future development commitments. The development commitments are recorded in the accounts as a Development Charge Fund, which consists of the following:

		1999	1998	1997
Balance, beginning of year	\$	181,746	230,176 \$	287,334
Interest earned on fund		21,351	19,005	14,561
Additions to fund		463,672	318,597	257,186
Amounts transferred to equity		(224,162)	(386,032)	(328,905)
Balance, end of year	s	442,607	181,746\$_	230,176

#### 6. Accounts Payable and Accrued Liabilities

Accounts payable and accrued	1999		1998		1997
Ontario Hydro Region of Halton Other	\$ 3,021,969 347,861 1,388,818	<b>\$</b>	2,684,002 625,246 386,190	\$	2,633,714 378,829 914,190
	\$ 4,758,648	. \$_	3,695,438	<b>. .</b> _	3,926,733

#### 7. Debenture Debt

Principal and interest payments of the debenture debt issued by the Region of Halton and the Town of Halton Hills on behalf of the Commission, and interest paid in the period are summarized as follows:

By-law	Year of Retirement	Principal outstanding		Principal Due Within One Year		Interest Paid in Year
68-89	1999	\$ (78,961)	\$	0	\$	25,336
182-90	2000	 57,557	_	43,467		30,451
		\$ (21,404)	\$_	43,467	. \$	55,787

The debt discount relating to the debentures is being amortized over the term of the debentures which is ten years.

The debentures under By-law 68-89 and a portion of 182-90 are sinking fund debentures. The details of these debentures are as follows:

		68-89		182-90
Sinking fund deposits contributed by Utility	\$	612,982	\$	173,865
Transfer of Surplus from Debenture 83-88		44,235		0
Accumulated earnings of sinking fund	<del></del>	309,745		23,578
Sinking fund on deposit with trustee	\$	966,962	<b>\$</b>	197,443
Debenture principal	\$	888,000	\$	255,000
Sinking fund deposit	·	966,962	_	197,443
Principal outstanding (receivable)	<b>s</b>	(78,962)	<b>s</b>	57,557

Interest earned of \$37,410 in 1999 (\$127,097 - 1998, \$110,290 - 1997) on the sinking fund deposits has been included with interest income.

#### 7 Debenture Debt (continued)

The Commission is obligated under the terms of the debentures to make payments in respect of sinking funds and principal repayments over the next 5 years are as follows:

2000	\$ 43,466
2001	-
2002	-
2003	-
2004	 
Total	\$ 43,466

#### 8. Consumer Deposits

9.

Consumer deposits consist of the following:	1999		1998		1997
Hydro deposits	\$ 594,076	\$	581,153	\$	590,855
Water deposits	43,564		43,758		46,290
Accrued interest on deposits	 52,261	. <del></del>	52,261	_	53,139
	\$ 689,901	<b>\$</b> _	677,172	\$_	690,284
Service Revenue					
Service revenue consists of the following:	1999		1998		1997
Residential	\$ 13,261,701	\$	13,012,207	\$	13,056,111
General	16,467,075		15,661,437		15,748,653
Streetlighting	 151,436		148,527		150,190
	\$ 29,880,212	\$_	28,822,171	. \$_	28,954,954

#### 10. Amortization Expense

Total amortization recorded in the accounts amounts to \$1,610,564(\$1,680,977 - 1998, \$1,613,462 - 1997). Amortization expense for stores equipment, rolling stock and miscellaneous equipment is allocated to various expenses as an overhead charge.

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#### 11. Operating Revenue

Operating revenue consists of the following:	1999	1998	1997
Water heater rentals Administration fees recovered from Region Use of facilities Pole rentals Sentinel light rentals	\$ 232,552 \$ 243,479 35,000 107,381 5,721	228,459 \$ 236,068 53,926 94,702 17,128	231,106 237,067 49,817 46,518 15,604
	\$ 624,133 \$	630,283 \$	580,112

#### 12. Other Income

Other income consists of the following:	1999		1998		1997
Interest Late payment charges Gain on sale of capital assets Sundry Sale of scrap material	\$ 227,925 251,251 4,131 97,871 3,552	<b>s</b> - –	353,887 206,657 1,878 52,656 13,683	<b>\$</b>	298,300 169,080 143,847 39,282 11,501
	\$ 584,730	<b>\$</b> _	628,761	<b>\$</b> _	662,010

# 13. Net Change in Non-Cash Working Capital Balances

Cash is provided by (used for) non-cash working capital balances related to operations as follows:

	1999	1998	1997
Accounts receivable	1,070,434 \$	(331,385) \$	167,196
Unbilled revenue	(1,008,304)	(199,985)	(52,095)
Inventory	(131,438)	(105,073)	296,637
Prepaid expenses	23,525	(22,800)	(854)
Accounts payable and accrued liabilities	1,063,210	(231,295)	652,850
Accrued interest	(10,117)	(10,133)	(2,945)
Customer credit balances	138,571	(152,146)	77,204
Current portion of customer deposits	0	0	0
	1,145,881 \$	(1,052,817) \$_	1,137,993

#### 14. Financial Instruments

The Commission's financial instruments are substantially all cash, accounts receivable and accounts payable and accrued liabilities, the book value of which approximates its fair value. The Commission does not run significant credit risk with respect to any individual customer. The commission minimizes its credit risk through the use of credit policies and monitoring the follow up on overdue accounts receivable.

#### 15. Contingent Liability

A class action claiming \$500 Million in restitutionary payments plus interest was served on a representative utility on November 18, 1998. The action was initiated against that utility as the representative of the Defendant Class consisting of all municipal electric utilities in Ontario which have charged Late Payment charges on overdue utility bills at any time after April 1, 1981.

The claim is that late payment penalties result in the municipal electric utilities receiving interest at effective rates in excess of 60.0% per year, which is illegal under Section 347(1)(b) of the Criminal Code.

The Municipal Electric Association is undertaking the defense of this class action. At this time it is not possible to quantify the effect, if any, on the financial statements of Halton Hills Hydro-Electric Commission.

#### 16. Industry Restructuring

The Ontario Government enacted the Energy Competition Act, 1998 to introduce competition to the Ontario electricity market by the year 2000. Under the terms of this legislation, the Ontario Energy Board (the "OEB") will regulate industry participants by issuing licenses for the right to generate, transmit, distribute or retail electricity. These licenses will require compliance with established market rules and codes.

Pursuant to this legislation, the Municipality of Halton Hills, as owners of the Commission, must enact a By-Law by November 7, 2000 to authorize the incorporation of one or more companies created for the purpose of continuing distributing and retailing activities of the Commission. This By-Law will also authorize the transfer of all assets and liabilities of the Commission to the appropriate newly created corporations.

#### 17. Commitments

The Commission has commitments for computer equipment, office equipment, and software support services in the following approximate amounts:

2000	\$	61,031
2001		50,294
2002		42,929
2003		40,000
2004		40,000

#### TABLE A.1 Listing of all Assets prior to separation December 31, 1999

Account			Yea	er End Amount
Number	Ac	count Name		ember 31, 1999
	· · · · · · · · · · · · · · · · · · ·	Construction in Progress)		J. 1000
10	Land	,	\$	354,870.81
15	Land Rights		\$	1,563,49
20	Building and Fixtures - Brick, Stone, Concrete		\$	3,222,097.17
25	Building and Fixtures - Other construction		\$	
30	Generating Stations		\$	-
40	Transmission Lines on Wood Poles		\$	-
50	Municipal Transformer Station Equipment - Abov	e 50kV	\$	-
55	Municipal Distribution Station Equipment - Below	50kV	\$	2,596,571.71
60	Subtransmission Feeders - Overhead		\$	-
65	Subtransmission Feeders - Underground		\$	5,129,035.93
70	Distribution Lines and Feeders - Overhead		\$	12,782,364.60
75	Distribution Lines and Feeders - Underground		\$	4,466,131.51
80	Distribution Transformers		\$	6,710,314.06
90	Distribution Meters		\$	1,355,644.53
110	General Office Equipment		\$	310,556.59
	Computer Equipment - Hardware		\$	472,013.97
	Stores Warehouse Equipment		\$	49,606.66
	Leasehold improvements		\$	-
	Rolloing Stock and Equipment		\$	1,548,037.66
	Miscellaneous Equipment, Major Tools and Instru	uments	\$	543,574.30
	Water Heater Rental Units		\$	1,849,020.86
	Load Management Controls - Customer Premise	S	\$	•
	Load Management Controls - Utility Premises		\$	_
	System Supervisory Equipment		\$	140,031.69
100	Sentinal Lighting Rental Units		\$	40,125.42
405		epreciation/Amortization		040.070.05
	•	Building and Fixtures - Brick, Stone, Concrete	\$	616,679.05
	•	Building and Fixtures - Other construction	\$	-
	•	Generating Stations Transmission Lines on Wood Poles	\$	-
	•	Municipal Transformer Station Equipment - Above 50kV	\$	-
		Municipal Distribution Station Equipment - Above 50kV	\$ \$	1,503,195.75
		Subtransmission Feeders - Overhead	\$	1,303,133.73
		Subtransmission Feeders - Underground	\$	2,456,053.72
		Distribution Lines and Feeders - Overhead	\$	12,648,619.81
	•	Distribution Lines and Feeders - Underground	\$	12,0-10,010.01
		Distribution Transformers	\$	_
		Distribution Meters	\$	-
	• • • • • • • • • • • • • • • • • • •	General Office Equipment	\$	181,762.93
		Computer Equipment - Hardware	\$	242,873.57
482		Stores Warehouse Equipment	\$	38,635.00
483		Rolling Stock and Equipment	\$	980,249.88
484	Accumulated Depreciation -	Miscellaneous Equipment, Major Tools and Instruments	\$	342,490.23
485	Accumulated Depreciation -	Water Heater Rental Units	\$	1,193,813.15
486	Accumulated Depreciation -	Load Management Controls - Customer Premises	\$	•
487	Accumulated Depreciation -	Load Management Controls - Utility Premises	\$	-
		System Supervisory Equipment	\$	47,100.95
		Sentinal Lighting Rental Units	\$	34,269.47
		Land Rights	\$	1,563.49
491	Accumulated Amortization -	Leasehold Improvements	\$	-
		=		
		st of Power	_	
	Power Purchased		\$	26,441,767.00
1015	Cost of Power - Adjustment		\$	-
4004		s and Maintenance	•	
		Operating Labour	\$	-
		Operating Supplies and Expenses	\$	-
	· ·	Maintenance of Equipment	\$	-
1025	nyuraunu Generaung Station -	Maintenance of Building and Fixtures	\$	-

#### TABLE A.1 Listing of all Assets prior to separation December 31, 1999

Account			Va	Food Assessment
		Assourt Name		ar End Amount
Number	Discol Consenting Station	Account Name		ember 31, 1999
	Diesel Generating Station - Diesel Generating Station -	Operating Labour	\$	-
	•	Operating Supplies and Expenses	\$	•
	Diesel Generating Station -	Operating Fuel	\$	•
	Diesel Generating Station -	Maintenance of Equipment	\$	-
	Diesel Generating Station -	Maintenance of Building and Fixtures	\$	-
	Transmission Lines - Operation Transmission Lines - Maintenance		\$	-
			\$	-
	Transmission Right of Way - Maintenance  Municipal Transformer Station Equipment -	One-Man Labora	\$	-
	Municipal Transformer Station Equipment -	Operating Labour	\$	-
	Municipal Transformer Station Equipment -	Operating Supplies and Expenses		
	Municipal Transformer Station Equipment -	Maintenance of Equipment  Maintenance of Building and Fixtures		
	Subtransmission Feeders - Operation	maintenance of building and Fixtures	•	
	Subtransmission Feeders - Maintenance		\$	-
		Opposition I also us	\$	400.004.00
	Municipal Distribution Station Equipment -	Operating Labour	\$	120,904.00
	Municipal Distribution Station Equipment -	Operating Supplies and Expenses	\$	-
	Municipal Distribution Station Equipment - Municipal Distribution Station Equipment -	Maintenance of Equipment	\$	-
		Maintenance of Building and Fixtures	•	EE0 700 00
	Overhead Distribution Lines and Feeders - Overhead Distribution Lines and Feeders -	Operating Labour	\$	550,768.00
	Overhead Distribution Lines and Feeders -	Operating Supplies and Expenses		
	Overhead Distribution Lines and Feeders -	Rentals Paid		
	Overhead Distribution Lines and Feeders -	Maintenance		
	Underground Distribution Lines and Feeders -	Tree Trimming	•	144 704 00
		•	\$	144,781.00
	Underground Distribution Lines and Feeders - Underground Distribution Lines and Feeders -	,		
	Underground Distribution Lines and Feeders -			
	Distribution Transformers - Operation	Maintenance	•	E0 700 00
	Distribution Transformers - Maintenance		\$	58,762.00
	Distribution Meters - Operation		•	462 020 00
	Distribution Meters - Maintenance		\$	163,830.00
	Customer Premises - Labour		\$	72.000.00
_	Customer Premises - Labour		•	72,069.00
	Water Heater Rental Units - Labour		•	22 712 00
	Water Heater Rental Units - Maintenance		\$	33,713.00
	Water Heater Controls - Labour		\$	
	Water Heater Controls - Maintenance		Ψ	-
	Sentinal Lighting Rental Units - Labour		\$	11,568.00
	Sentinal Lighting Rental Units - Maintenace		Ψ	11,500.00
	Energy Conservation		\$	
	Community Safety Program		Ψ	-
	Community Relations - Other		\$	35,913.00
	Meter Reading		\$ \$	872,165.00
	Billing		•	072,100.00
	Collecting			
	Cash Over and Short			
		Administration		
8011	Commissioners' Salaries and Expenses		\$	1,070,890.00
	General Officers' Salaries and Expenses		*	.,,
	General Office Salaries and Expenses			
	Miscellaneous General Expenses			
	General Office Building Operation and Mainte	nance		
	<b>—</b> • • • • • • • • • • • • • • • • • • •			

TABLE A.2
Listing of Accounts, prior to separation, relevant to Working Capital Calculation

December 31, 1999

Account		Ye	ar End Amount
Number Account Nan	16		ember 31, 1999
Cost of Pow		<u> </u>	ciliber 01, 1000
1010 Power Purchased	<b>GI</b>	\$	26,441,767.00
1015 Cost of Power - Adjustment		¢	20,771,707.00
Operations and Mai	ntenance	Ψ	
1021 Hydraulic Generating Station -	Operating Labour	\$	_
1022 Hydraulic Generating Station -	Operating Supplies and Expens	\$	_
1024 Hydraulic Generating Station -	Maintenance of Equipment	\$	_
1025 Hydraulic Generating Station -	Maintenance of Building and Fi	\$	-
1031 Diesel Generating Station -	Operating Labour	\$	-
1032 Diesel Generating Station -	Operating Supplies and Expens	\$	-
1033 Diesel Generating Station -	Operating Fuel	\$	_
1034 Diesel Generating Station -	Maintenance of Equipment	\$	-
1035 Diesel Generating Station -	Maintenance of Building and Fi	\$	-
2011 Transmission Lines - Operation	manifestation of Basianing and 1.	\$	_
2014 Transmission Lines - Maintenance		\$	_
2015 Transmission Right of Way - Maintenance		\$	_
4011 Municipal Transformer Station Equipment -	Operating Labour	\$	
4012 Municipal Transformer Station Equipment -	Operating Supplies and Expens	\$	_ 
4014 Municipal Transformer Station Equipment -	Maintenance of Equipment	\$	
4015 Municipal Transformer Station Equipment -	Maintenance of Building and Fi	•	
4021 Subtransmission Feeders - Operation	Maniteriance of Building and 11	\$	_
4024 Subtransmission Feeders - Maintenance		\$	_
4031 Municipal Distribution Station Equipment -	Operating Labour	\$	120,904.00
4032 Municipal Distribution Station Equipment -	Operating Supplies and Expens	•	120,904.00
4034 Municipal Distribution Station Equipment -	Maintenance of Equipment	\$	_
4035 Municipal Distribution Station Equipment -	Maintenance of Building and Fi	•	_
5011 Overhead Distribution Lines and Feeders -	Operating Labour	\$	550,768.00
5012 Overhead Distribution Lines and Feeders -	Operating Supplies and Expens	•	-
5013 Overhead Distribution Lines and Feeders -	Rentals Paid	\$	_
5014 Overhead Distribution Lines and Feeders -	Maintenance	\$	_
5015 Overhead Distribution Lines and Feeders -	Tree Trimming	\$	_
5051 Underground Distribution Lines and Feeders		\$	144,781.00
5052 Underground Distribution Lines and Feeders	. •	\$	-
5053 Underground Distribution Lines and Feeders		\$	_
5054 Underground Distribution Lines and Feeders		\$	_
5061 Distribution Transformers - Operation	3 Wallichanoc	\$	58,762.00
5064 Distribution Transformers - Maintenance		\$	-
5091 Distribution Meters - Operation		\$	163,830.00
5094 Distribution Meters - Maintenance		\$	100,000.00
6051 Customer Premises - Labour		\$	72,069.00
6054 Customer Premises - Maintenance		\$	72,000.00
6061 Water Heater Rental Units - Labour		\$	33,713.00
6064 Water Heater Rental Units - Maintenance		\$	-
6071 Water Heater Controls - Labour		Ψ \$	_
557 I Trator Floator Controls - Labour		Ψ	-

TABLE A.2
Listing of Accounts, prior to separation, relevant to Working Capital Calculation

December 31, 1999

Account		Year	End Amount
Number	Account Name	<u>Dece</u>	mber 31, 1999
6074	Water Heater Controls - Maintenance	\$	-
6081	1 Sentinal Lighting Rental Units - Labour	\$	11,568.00
6084	4 Sentinal Lighting Rental Units - Maintenace	\$	-
7011	1 Energy Conservation	\$	-
7012	2 Community Safety Program	\$	-
7013	3 Community Relations - Other	\$	35,913.00
702	1 Meter Reading	\$	872,165.00
7024	4 Billing	\$	•
7027	7 Collecting	\$	•
7028	8 Cash Over and Short	\$	-
	Administration	\$	-
801 <sup>-</sup>	1 Commissioners' Salaries and Expenses	\$	1,070,890.00
8012	2 General Officers' Salaries and Expenses	\$	-
801:	3 General Office Salaries and Expenses	\$	-
8014	4 Miscellaneous General Expenses	\$	-
801	5 General Office Building Operation and Maintenance	\$	-

TABLE A.3
Listing of Distribution "Wires ONLY" Assets and Rate Base Calculation

December 31, 1999

Account		Ye	ar End Amount
Number	Account Name	<u>Dec</u>	ember 31, 1999
	Assets (other than Construction in Progress)		
10	Land	\$	354,870.81
15	Land Rights	\$	1,563.49
20	Building and Fixtures - Brick, Stone, Concrete	\$	3,222,097.17
25	Building and Fixtures - Other construction	\$	-
. 55	Municipal Distribution Station Equipment - Below 50kV	\$	2,596,571.71
60	Subtransmission Feeders - Overhead	\$	•
65	Subtransmission Feeders - Underground	\$	5,129,035.93
70	Distribution Lines and Feeders - Overhead	\$	12,782,364.60
75	Distribution Lines and Feeders - Underground	\$	4,466,131.51
80	Distribution Transformers	\$	6,710,314.06
90	Distribution Meters	\$	1,355,644.53
110	General Office Equipment	\$	310,556.59
115	Computer Equipment - Hardware	\$	472,013.97
120	Stores Warehouse Equipment	\$	49,606.66
125	Leasehold Improvements	\$	-
130	Rolloing Stock and Equipment	\$	1,548,037.66
140	Miscellaneous Equipment, Major Tools and Instruments	\$	543,574.30
151	Load Management Controls - Customer Premises	\$	-
152	Load Management Controls - Utility Premises	\$	-
153	System Supervisory Equipment	\$	140,031.69
16X	Other amounts not listed above		

	TOTAL 'A' (sum of accounts 10 to 16X above	\$ 39,682,414.68
Асси	mulated Depreciation/Amortization	
405 Accumulated Depreciation -	Building and Fixtures - Brick, Stone, Concrete	\$ 616,679.05
410 Accumulated Depreciation -	Building and Fixtures - Other construction	\$ -
430 Accumulated Depreciation -	Municipal Distribution Station Equipment - Below 50kV	\$ 1,503,195.75
435 Accumulated Depreciation -	Subtransmission Feeders - Overhead	\$ •
436 Accumulated Depreciation -	Subtransmission Feeders - Underground	\$ 2,456,053.72
440 Accumulated Depreciation -	Distribution Lines and Feeders - Overhead	\$ 12,648,619.81
445 Accumulated Depreciation -	Distribution Lines and Feeders - Underground	\$ -
450 Accumulated Depreciation -	Distribution Transformers	\$ •
455 Accumulated Depreciation -	Distribution Meters	\$ -
480 Accumulated Depreciation -	General Office Equipment	\$ 181,762.93
481 Accumulated Depreciation -	Computer Equipment - Hardware	\$ 242,873.57
482 Accumulated Depreciation -	Stores Warehouse Equipment	\$ 38,635.00
483 Accumulated Depreciation -	Rolling Stock and Equipment	\$ 980,249.88
484 Accumulated Depreciation -	Miscellaneous Equipment, Major Tools and Instruments	\$ 342,490.23
486 Accumulated Depreciation -	Load Management Controls - Customer Premises	\$ •
487 Accumulated Depreciation -	Load Management Controls - Utility Premises	\$ -
488 Accumulated Depreciation -	System Supervisory Equipment	\$ 47,100.95
490 Accumulated Amortization -	Land Rights	\$ 1,563.49
491 Accumulated Amortization -	Leasehold Improvements	\$ -
49X Other amounts not listed about		

# TABLE A.3 Listing of Distribution "Wires ONLY" Assets and Rate Base Calculation December 31, 1999

Account <u>Number</u>	Account Name	-	ear End Amount ecember 31, 1999
	TOTAL 'B' (sum of accounts 405 to 409X above)	\$	19,059,224.38
	TOTAL NET FIXED ASSETS FOR YEAR 2000 FILING (Total A - Total B)	\$	20,623,190.30
	WORKING CAPITAL ALLOWANCE (from Table A.4)	\$	4,429,777.35
	TOTAL RATE BASE FOR INITIAL FILING	\$	25,052,967.65

TABLE A.4
Listing of Distribution "Wires Only" Accounts related to the Working Capital Calculation

December 31, 1999

Account	Ye	ar End Amount
Number Account Name	Dec	ember 31, 1999
Cost of Power		
1010 Power Purchased	\$	26,441,767.00
1015 Cost of Power - Adjustment	\$	
Operations and Maintenance		
4031 Municipal Distribution Station Eq Operating Labour	\$	120,904.00
4032 Municipal Distribution Station Eq Operating Supplies and Expenses	\$	, <u>-</u>
4034 Municipal Distribution Station Eq Maintenance of Equipment	\$	-
4035 Municipal Distribution Station Eq Maintenance of Building and Fixtu	•	-
5011 Overhead Distribution Lines and Operating Labour	\$	550,768.00
5012 Overhead Distribution Lines and Operating Supplies and Expenses	•	-
5013 Overhead Distribution Lines and Rentals Paid	\$	_
5014 Overhead Distribution Lines and Maintenance	\$	-
5015 Overhead Distribution Lines and Tree Trimming	\$	_
5051 Underground Distribution Lines a Operating Labour	\$	144,781.00
5052 Underground Distribution Lines a Operating Supplies and Expenses		-
5053 Underground Distribution Lines a Rentals Paid	\$	-
5054 Underground Distribution Lines a Maintenance	\$	_
5061 Distribution Transformers - Operation	\$	58,762.00
5064 Distribution Transformers - Maintenance	\$	
5091 Distribution Meters - Operation	\$	163,830.00
5094 Distribution Meters - Maintenance	\$	-
6051 Customer Premises - Labour	\$	72,069.00
6054 Customer Premises - Maintenance	\$	,
7011 Energy Conservation	\$	
7012 Community Safety Program	\$	-
7013 Community Relations - Other	\$	35,913.00
7021 Meter Reading	\$	872,165.00
7024 Billing	\$	· -
7027 Collecting	\$	_
7028 Cash Over and Short	\$	-
Administration	\$	-
8011 Commissioners' Salaries and Expenses	\$	1,070,890.00
8012 General Officers' Salaries and Expenses	\$	-
8013 General Office Salaries and Expenses	\$	-
8014 Miscellaneous General Expenses	\$	-
8015 General Office Building Operation and Maintenance	\$	-
· ·		
		20 521 940 00
	Φ	29,531,849.00
MODRING CARTAL ALLOWANCE	•	15.0% 4,429,777.35
WORKING CAPITAL ALLOWANCE	<u> </u>	4,427,111.35



Law Division, 700 University Avenue, Toronto, Ontario M5G 1X6

Telecopier (416) 592-1466

December 22, 1997

Halton Hills Hydro-Electric Commission 43 Alice Street ACTON, Ontario L7J 2A9

Attention:

D.J. Collie

Gen. Manager

Dear Sir/Madam:

APPROVAL OF USE OF FUNDS AND RATE ADJUSTMENT

I wish to inform you that, pursuant to Section 120 of the Power Corporation Act R.S.O. 1990, c.P.18, the request of the Halton Hills Hydro-Electric Commission to utilize funds over and above current operating requirements for construction and extension of works in the amount of \$2,159,820 during 1998 was approved by the Corporation on December 4, 1997.

At the same time, approval was given for the purchase during 1998 of securities authorized under Section 120 of the said Act, with terms up to one year, such that the total amount of securities held at any one time does not exceed \$7,000,000.

Approval was also given, pursuant to Section 113 of the Power Corporation Act R.S.O. 1990 c.P.18, for the Halton Hills Hydro-Electric Commission to adopt the attached Schedule of Rates and Charges to be effective as indicated on the schedule and to supersede the existing schedule.

Yours truly,

Joan M. Prior Assistant Secretary

Enc.

# FLAT RATE WATER HEATING

# RATE - \$36.00 /kW of Billing Demand SCHEDULE OF CHARGES

# Single or Balanced Elements

400-watt element 450 watt element 500-watt element 550-watt element 600-watt element 700-watt element 750-watt element 800-watt element 850-watt element 900-watt element 900-watt element 900-watt element 9100-watt element 9100-watt element 9100-watt element	\$12.96 14.58 16.20 17.82 19.44 20.59 21.67 22.95 24.05 25.15 26.41 27.63 28.80	per month
---	---	---

All element sizes of over 1,000 watts to be charged at the rate of \$2.880 per 100 watts per month

# Unbalanced Elements

1,000/3,000-watt elements	30.60	per month
1,500/4,500-watt elements	45.90	per month

# Halton Hills Hydro-Electric Commission SCHEDULE OF RATES AND CHARGES

Approval #:

97-158

Date:

Dec 04, 1997

#### **APPLICATION**

- -Application of rates and charges shall be in accordance with the Standard Application of Rates and amendments thereto as approved by Ontario Hydro.
- -No rates and charges for supplying power or rates and charges to meet the costs of any work or service done or furnished for the purpose of a supply of power shall be made except as permitted by the Standard Application of Rates or as specified herein.
- -Miscellaneous Charges, as approved, may be waived at the discretion of the supply authority.

#### **EFFECTIVE DATES**

ENERGY - January 01, 1998 for all energy used on or after that date with the electrical energy used prior to that date billed at existing rates and estimated by proration based on meter reading dates.
 EQUIPMENT RENTAL - January 01, 1998 for all rentals applicable on or after that date with rentals prior to that date billed at existing rental charges.
 MISCELLANEOUS CHARGES - January 01, 1998 for all charges incurred by customers on or after that date.

#### **MONTHLY RATES AND CHARGES**

Definitions: Time periods for time-of-use (Eastern Standard Time):

Winter: all hours, October 1 through March 31 Summer: all hours, April 1 through September 30

Peak : 0700 to 2300 hours (local time) Monday to Friday inclusive, except for public holidays, including New Year's Day, Good Friday, Victoria Day, Canada Day, Civic Holiday (as in Toronto), Labour Day, Thanksgiving Day, Christmas & Boxing Day.

Off-Peak: all other hours

Energy Charges First 250 kW.h

Next 12,250 kW.h

All additional kW.h

Minimum Bill - Under 50 kW of maximum demand

#### RESIDENTIAL SERVICE - Regular:

RESIDENTIAL SERVICE - REGULAI .		
Energy Charges	•	
First 250 kW.h	(per kWh)	11.30 ¢
All additional kW.h	(per kWh)	7.05 ¢
Minimum Bill		\$7.05
RESIDENTIAL SERVICE - Time Of Use : (At Customer's Re	quest)	
Winter Energy Charges		
Peak Period First 250 kW.h	(per kWh)	15.80 ¢
Peak Period All additional kW.h	(per kWh)	11.55 ¢
Off-Peak Period All kW.h	(per kWh)	3.42 ¢
Summer Energy Charges		
Peak Period First 250 kW.h	(per kWh)	13.62 ¢
Peak Period All additional kW.h	(per kWh)	9.37 ¢
Off-Peak Period All kW.h	(per kWh)	2.35 ¢
Minimum Bill		\$7.05
RESIDENTIAL SERVICE - Miscellaneous :		
Flat Rate Water Heating - Charges as attached (applicable to water heaters installed prior to December 31, 1984) per kW of billing demand	(per kW)	\$36.00
Sentinel Light - per kilowatt of connected load (unmetered energy)	(per kW)	\$27.48
GENERAL SERVICE - Regular :		
(0 - 5000 kW)		
Billing Demand		
First 50 kW	(per kW)	\$0.00
All Additional kW	(per kW)	\$5.00

(per kWh)

(per kWh)

(per kWh)

11.30 €

7.56 ¢ 5.55 ¢

\$7.05

Approval #: Date:

\$7.00

\$14.00

\$17.25

\$50.00

97-158

Dec 04, 1997

# Halton Hills Hydro-Electric Commission SCHEDULE OF RATES AND CHARGES

SCHEDULE OF RATES AND CHARGES		
GENERAL SERVICE - Regular :		
Minimum Bill - over 50 kW of maximum demand - per kW of maximum demand during the previous eleven months or contracted amount whichever is greater	(per kW)	\$0.60
GENERAL SERVICE - Miscellaneous :	٠	
Flat Rate Water Heating - Charges as attached (applicable to water heaters installed prior to December 31, 1984) per kW of billing demand	(per kW)	\$36.00
Sentinel Light - per kilowatt of connected load (unmetered energy)	(per kW)	\$27.48
STREET LIGHTING - Regular :		
Per kW of connected load	(per kW)	\$24.98
TRANSFORMER		
Losses:		
adjustment shall be made in accordance with Section		
IV, clause 7 of the Standard Application of Rates		
Allowance for Ownership:		
(per kw of billing demand)		
service at less than 115kV	(per kW)	\$0.50
EQUIPMENT RENTAL		
Poles		
- Pole		\$1.00
Sentinel Light		
- 175 watt		\$3.50
- 250 watt		\$4.00
- 400 watt		\$4.50
Water Heater		
- 40 gallon		\$6.50
- 60 gation		\$7.00
SPECIFIC SERVICE CHARGES		
Customer Administration		
Account Setup Charge		\$10.00
Arrears Certificate	•	\$10.50
Dispute Involvement Charge		\$10.00
Non-Payment of Account		
Late Payment		5.00 %
Returned Cheque Charge - Actual Bank Charges plus		\$10.50
<b></b>		

Collection of Account Charge Reconnection - At Meter

Reconnection - after regular working hours

Reconnection - At Pole



# Ontario Energy Board

# Distribution Rate Application Review Report Halton Hills Hydro Inc.

Case Number: RP-2000-0193 / EB - 2000-0428

July 17, 2001

# Rates Section Sign-off

Case Manager	M. Garner
P. Conboy	H. Thiessen

#### **Executive Summary**

Case Number:

RP-200-0193

**Utility Name:** 

Halton Hills Hydro Inc.

**Proposed Implementation Date:** 

January 1, 2001

**Assigned Staff:** 

Analyst: Matthew Kolodzie for Arthur Andersen LLP

Interventions:

Last date for intervention was March 23, 2001.

**Date Review Completed:** 

July 10, 2001

Case Details:

**ROE: 9.88%** 

Incremental Revenue: \$2,145,787

Amount included in first year rates: \$715,405

Increased Distribution Revenue: 16.3%

Residential Customer (1000 kWh/month) Bill Impact: 1.6% General Service Customer (2000 kWh/month) Bill Impact: 1.3%

#### Case Highlights:

#### **Adjustments**

Rate Base Adjustment: A total of \$1,702,208 of non-wires assets was removed from the 1999 Rate Base to arrive at the 1999 'wires only' rate base of \$25,052,967.

#### **Deviations from Rate Handbook**

Board Staff review of Halton Hills Hydro's rate application has uncovered the following deviations from the rate handbook:

- Since Halton Hills Hydro has been operating at a loss for several years, it is proposing to "normalize" its existing 1999 rates across all customer classes in order to create a "break-even" financial scenario for the LDC business at December 31, 1999. The proposed unbundled rates have been determined using these normalized rates as a starting point. In other words, the 9.88% return on equity will be earned using the break-even rates as data input to the RUD model, rather than the lower existing rates. The effect of this normalization is a 2.92% increase in total distribution revenue.
- Halton Hills Hydro used its actual winter peak coincident factor of 0.7561 and summer peak coincident factor of 0.7697 instead of the OEB default coincident factors of 0.981 and 0.991 respectively, and has provided adequate justification for this adjustment.
- The Applicant is proposing a harmonization of the distribution rates (fixed monthly and demand charges) for all Non-TOU and TOU customers in the General Service > 50 kW class. However, with regard to the cost of power component of the rates, the unbundled cost of power would reflect Non-TOU or TOU rates. The Applicant proposes to charge a \$5.50 monthly TOU meter rental.

• The service/volumetric charge ratio was adjusted in all rate classes from 57.1/42.9 to 60/40 in order to maintain the incremental distribution cost at \$0.0062/kWh after unbundling, in conformance with the Rate Handbook. This adjustment was necessary due to the normalization of existing rates, as described above. The Applicant did not undertake any further mitigation.

#### Rate Impacts

Halton Hills indicated that approximately 35 of its 169 General Service >50 kW Non-TOU customers will receive bill impacts of greater than 10 percent from unbundling. In addition, 2 of its 11 its General Service >50 kW TOU customers will receive bill impacts of greater than 10 percent from unbundling in the winter months, and 4 of these 11 customers will receive impacts of greater than 10 percent in the summer months. Halton Hills has indicated that it will ensure these customers will receive guidance and advice with regard to managing their consumption for greater efficiency. The Applicant has stated that customer's consumption patterns in these classes often reflect the specific characteristics of their business operations. To the extent that the customers accept the Applicant's advice, consumption patterns may then reflect greater price efficiency.

### Claiming Special Circumstances

Halton Hills Hydro has claimed that it incurred a loss in 1999 in the amount of (\$944,688) in its "wires-only" business activities, and that its operating losses for the 9 months ending September 30, 2000 amounted to (\$351,185). Halton Hills Hydro argues that the negative 1999 return was determined by a decision of the Commission and is not reflective of any operating inefficiency that existed within the Utility (see section 4.4 for further discussion). Thus, leading the Applicant to adjust rates upward to a point where it would have broken even in 1999 (i.e "normalization" of rates described above).

#### Other

Since Halton Hills Hydro has claimed special circumstances, it has provided a proforma analysis. Using three-year "wires-only" proforma income statements, Halton Hills Hydro has provided a comparison of the following three possible scenarios for the implementation of unbundled rates:

Option 1: Using "normalized" 1999 rates as the base for unbundling, with an equally

distributed three-year phase-in of rate increases

Option 2: Using current 1999 rates as the base for unbundling, with an equally distributed

three-year phase-in of rate increases

Option 3: Using current 1999 rates as the base for unbundling, with a phase-in of rate

increases at 50% in year 1 and 25% in each of years 2 and 3

The Applicant has selected the first option, namely using normalized 1999 rates as the base for unbundling, with an equally distributed three-year phase-in of rate increases.

The proforma analysis indicates that option 1 will provided a cumulative net income of \$5,304,548 over the 3-year phase-in period and a net change in cash position of \$1,594,166 (after adding back depreciation expense and subtracting changes in working capital and capital expenditures). With option 2, the 3-year cumulative net income is \$1,446,323 and the net change is cash position is (\$2,015,532). With option 3, the 3-year cumulative net income is \$2,098,418 and the net change in cash position is (\$1,363,437). Thus, option 1 was selected

as it is the only one that will result in a positive cash position over the 3-year phase-in period.

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Attachment 1: Excerpt of transcript from proceeding RP-2000-0069 and submission by Hlaton Hills to proceeding.
Attachment 2: Letter seeking January 1, 2001 implementation date.

#### 1.0 Background

- Halton Hills Hydro Inc. ("Halton Hills" or "the Applicant") filed an unbundled distribution rate application with the Ontario Energy Board ("the Board") on November 23, 2000. The Applicant has chosen unbundled rates that produce the maximum allowable 9.88% return on deemed common equity. The Applicant intends to implement the partial MBRR rates effective with all bills issued on January 1, 2001.
- 1.6 Under the direction of the Board, Halton Hills published the Notice of Application ("the Notice") in the Milton Champion and the Georgetown Independent on March 9, 2001, with an intervention deadline set at March 23, 2001. No interventions were filed.
- 1.7 Halton Hills services customers, including 15,013 residential and 1,253 general service customers.

Table 1.1
Hydro Embrun's Customer Profile

Customer Class	Number	1999 Demand (kW)	1999 Annual Consumption (kWh)	1999 Annual Revenues
Residential	15,013	-	163,731,190	\$13,570,319
General Service <50kW Non-TOU	1,276	-	33,449,509	\$2,692,439
General Service >50 kW Non-TOU	169	357,858	127,518,829	\$9,310,770
General Service >50kW TOU	8	185,968	70,440,414	\$5,074,028
Subtotal	16,466	543,826	395,139,942	\$30,647,556
Sentinel Lighting	506	1,265	-	\$34,762
Street Lighting	3604	6,024	-	\$150,480
Total	20,576	551,115	395,139,942	\$30,832,798

1.8 Halton Hills current rate structure is to charge customers a bundled electricity rate. Residential and General Service <50 kW classes are charged for volumetric usage, whereas General Service >50 kW customers are charged both a volumetric and demand charge, and street lighting customers pay a demand charge alone.

#### 2.0 Summary of Application

#### 2.1 Rate of Return Chosen:

9.88%

#### 2.2 Debt/Equity Ratio and Debt Rate:

 The Applicant has complied with the Rate Handbook requirements for a utility with a rate base of under \$100 million by deeming a Debt/Equity ratio of 50/50, and Debt Rate of 7.25%.

#### 2.3 Rate Base:

1998 Net Fixed Assets (old utility)	\$20,675,761
1999 Net Fixed Assets (old utility)	\$22,325,398
1999 Net Fixed Assets (wires-only)	\$20,623,190

Net Fixed Assets removed from Rate Base Calculation for wires only:

#### Fixed Assets:

Construction in Progress	\$ 1,041,144
Water Heater Rental Units	\$ 655,208
Sentinel Lighting Rental Units	\$5,856
Total	\$ 1,702,208

1999 Net Fixed Assets (wires-only)	\$20,623,190
Working Capital Allowance (15% of COP & Controllable Expenses)	\$ 4.429.777

Rate Base for MARR calculation

\$25,052,967

#### 2.4 Market Adjusted Revenue Requirement (MARR):

\$ 2,145,787

### 2.5 Net Income (before Finance & Extraordinary expenses):

1998 Net Income (old utility)	\$ (24	42,787)
1999 Net Income (old utility)	•	34,018)
1999 Net Income (1999 Return)	\$	0

The Applicant claimed to have a "wires-only" net loss of (\$944,688), before financial and extraordinary expenses, in 1999. Therefore, the Applicant used a floor value of \$0 as the 1999 Return in the RUD Model, which is in compliance with the Rate Handbook for Utilities with a negative 1999 ROE. However, the Applicant's claimed net loss excluded interest income of \$227,925, and did not account for a water heater rental expense of \$33,713 and a sentinel lighting rental expense of \$11,568; in addition, the 1999 return should be before interest expense of \$58,612. Thus, the actual "wires-only" amount should be (\$612,870). Nevertheless, the floor value of \$0 would still hold and the

- misstatement of the net loss does not affect the calculation of the unbundled rates whatsoever.
- The reduction in Net Loss from 1998 to 1999 of approximately \$210,000 is due to a higher gross margin of the same amount in 1999.

#### 2.6 incremental Revenue:

• The applicant's incremental revenue is \$2,145,787 over the 1999 distribution revenue of \$4,391,033 to achieve a target rate of return on common equity of 9.88% over three years, exclusive of taxes.

#### 2.7 1/3 of Incremental Revenue for First Year Rates:

- The Applicant has incorporated the mitigated (1/3 MARR) incremental revenue of \$715,405 into its first year rate structure.
- Therefore, the Applicant will have an additional \$1,430,382 of revenue available for recovery in years 2 and 3.

#### 2.8 1999 and New Distribution Revenue for each Rate Class:

• The increase in distribution revenues requested in the application, by customer class, is shown in Table 2.1.

Table 2.1
Halton Hills Hydro: First Year Change in Distribution Revenues

Customer Class	1999 Distribution Revenue	1/3 MARR Adjusted Distribution Revenue	Change	Percentage Change
Residential	\$2,364,777	\$2,750,056	\$385,279	16.3%
General Service <50kW Non-TOU	\$439,812	\$511,467	\$71,656	16.3%
General Service >50kW Non-TOU	\$1,168,428	\$1,358,794	\$190,365	16.3%
General Service >50kW TOU	\$382,976	\$445,372	\$62,396	16.3%
Sentinel Lighting	\$8,687	\$10,102	\$1,415	16.3%

Street Lighting	\$26,353	\$30,646	\$4,293	16.3%
Total	\$4,391,033	\$5,106,437	\$715,405	16.3%

#### 2.9 Claiming Special Circumstances:

Halton Hills has claimed that it incurred a loss in 1999 in the amount of (\$944,688) in its "wires-only" business activities, and that its operating losses for the 9 months ending September 30, 2000 amounted to (\$351,185). Furthermore, Halton Hills has claimed that it incurred a 6-year cumulative loss on its wires-only business of (\$2,594,231) from 1994 to 1999.

Halton Hills Hydro argues that the negative 1999 return was determined by a decision of the Commission and is not reflective of any operating inefficiency that existed within the Utility. Halton Hills Hydro claims to be one of the most efficient municipal electric utilities in the province and provides electricity to its customers at amongst the lowest rates in Ontario. Its efficiency was such that by 1994 it had accumulated substantial reserves. The working capital peaked in 1996 at over 26%. Under the *Power Corporation Act*, utilities the size of Halton Hills Hydro were required to maintain working capital in the range of 15% to 25%. As the Utility forecasted increased working capital levels resulting from improved efficiencies, it subsequently reduced rates in order to maintain working capital below the required maximum of 25%, returning the excess capital back to its customers. Since 1994 Halton Hills Hydro has reduced rates by 8.5%. During that interval, the Utility has also accumulated operating losses of \$2,594,231, which has reduced the working capital to 19.08% as of December 31, 1999.

At the time, the Commission believed returning the surplus reserves through reduced rates over a period was more beneficial, in a fair balanced way to all customers. A one-time rebate would not have provided economic benefits fairly to all customers. On August 16, 2000 during Generic Hearing RP-2000-0069, this issue was presented to the Residing Panel and is referred to in Transcript, page 1136, and Line 19 through 28 and Transcript, page 1137, and Line 1 through 18 (see Attachment 1).

Halton Hills' current 1999 Rates and 2000 rates are less than cost and normalized market rates. The reserves have been sufficiently reduced. Halton Hills required rate increases for 2000, however, it has claimed that there was no way, at the time, to request this rate increase under the provisions of the Energy Competition Act 1998 and the Ontario Energy Board Act 1998. The PBR regime with 1999 rates as a base (and the effect of the Ontario Energy Board's Decision with Reason RP-2000-0069, in response to the Minister's Directive of June 7, 2000, allowing utilities to phase-in rate increases evenly over three years) further delays the recovery of normalized rates required by Halton Hills. If the Board accepts the Applicant's preferred rate submission (Option 1 below), then Halton Hills would avoid significant financial distress.

#### 2.10 Performa Income Statements:

Since Halton Hills Hydro has claimed special circumstances, due to long-term operating losses, it has provided a proforma analysis. Using three-year "wires-only" proforma income statements, Halton Hills Hydro has provided a comparison of the following three possible scenarios for the implementation of unbundled rates:

Option 1: Using "normalized" 1999 rates as the base for unbundling, with an equal three-year phase-in of rate increases

Option 2: Using current 1999 rates as the base for unbundling, with an equal three-year

phase-in of rate increases

Option 3: Using current 1999 rates as the base for unbundling, with a phase-in of rate

increases at 50% in year 1 and 25% in each of years 2 and 3

The Applicant has selected the first option, namely using normalized 1999 rates as the base for unbundling, with an equal three-year phase-in of rate increases.

The proforma analysis indicates that option 1 will provided a cumulative net income of \$5,304,548 over the 3-year phase-in period and a net change in cash position of \$1,594,166 (after adding back depreciation expense and subtracting changes in working capital and capital expenditures). With option 2, the 3-year cumulative net income is \$1,446,323 and the net change is cash position is (\$2,015,532). With option 3, the 3-year cumulative net income is \$2,098,418 and the net change in cash position is (\$1,363,437). Thus, option 1 was selected as it is the only one that will result in a positive cash position over the 3-year phase-in period.

Table 4.2 provides a summary of the 3-year cumulative results of the first generation PBR for the three scenarios noted above.

Table 4.2 Summary of Proforma Analysis

	Option 1	Option 2	Option 3
Net Income (Loss) <sup>1</sup>	\$5,304,548	\$1,446,323	\$2,098,428
Depreciation & Amortization	\$5,584,690	\$5,584,690	\$5,584,690
Net Change in Working Capital	(\$1,543,850)	(\$1,295,322)	(\$1,295,322)
Subtotal	\$9,345,388	\$5,735,690	\$6,387,786
Capital Expenditures	(\$7,751,222)	(\$7,751,222)	(\$7,751,222)
Net Change in Cash (Decrease)	\$1,594,166	(\$2,015,532)	(\$1,363,437)

Note 1) Wires-only net income. Interest income was not included in the calculation of the wires-only net income, which would amount to approximately \$680,000 of additional income over the 3-year phase-in (assuming the 1999 interest income amount of \$227,925 for three years).

#### 3.0 Review of RUD Model and Deviations from the Rate Handbook

 Board staff has checked the inputs to Halton Hills RUD Model (as compared to the most recent utility regulatory filings and 1999 audited financial statements) and are satisfied that the data inputs are reasonable.

Board Staff review of Halton Hills Hydro's rate application has uncovered the following deviations from the rate handbook:

- Normalization of Rates: Since Halton Hills Hydro has been operating at a loss for several years, a cumulative loss of (\$2,594,231) from 1994 to 1999, it is proposing to "normalize" its existing 1999 rates across all customer classes in order to create a "break-even" financial scenario for the LDC business at December 31, 1999. The proposed unbundled rates have been determined using these normalized rates as a starting point. In other words, the 9.88% return on equity will be earned using the break-even rates as data input to the RUD model, rather than the lower existing rates. The effect of this normalization is a 2.92% increase in total distribution revenue.
- Bill Impacts: Note that all impacts calculated within the RUD model use the normalized rates as a basis for the existing bills. Thus, the true bill impacts are slightly understated. Board Staff requested final bill impacts to be calculated using the existing rates (rather than normalized rates) as a basis for the existing bills in order to measure the true bill impacts on customers. For reporting purposes, both the impacts using normalized rates and the impacts using existing rates are given below.
- Peak Coincident Factors: Halton Hills Hydro used its actual winter peak coincident factor
  of 0.7561 and summer peak coincident factor of 0.7697 instead of the OEB default
  coincident factors of 0.981 and 0.991 respectively, and has provided adequate
  justification for this adjustment.
- Harmonization of General Service >50 kW: The Applicant is proposing a harmonization
  of the distribution rates (fixed monthly and demand charges) for all Non-TOU and TOU
  customers in the General Service > 50 kW class. However, with regard to the cost of
  power component of the rates, the unbundled cost of power would reflect Non-TOU or
  TOU rates. The Applicant proposes to charge a \$5.50 monthly TOU meter rental.
- Adjustment to Service/Volumetric Charge Ratio: The service/volumetric charge ratio was adjusted in all rate classes from 57.1/42.9 to 60/40 in order to maintain the incremental distribution cost at \$0.0062/kWh after unbundling, in conformance with the Rate Handbook. The Applicant did not undertake any further mitigation.

#### 3.1 Bill Impacts due to Rate Changes:

Review of the RUD model results indicate three of the standard load profiles within the General Service >50 kW Non-TOU and the sample customer load profile provided by the Applicant in the General Service >50 kW TOU class are impacted by greater than 10 percent from

unbundling.

The Applicant indicated that approximately 35 of its 169 General Service >50 kW Non-TOU customers will receive bill impacts of greater than 10 percent from unbundling. The Applicant has also indicated that it will ensure that these customers will receive guidance and advice with regard to managing their consumption fo greater efficiency. Customer's consumption patterns in this class often reflect the specific characteristics of their business operations. To the extent that the customers accept the Applicant's advice, consumption patterns may then reflect greater price efficiency.

The Applicant has indicated that its General Service >50 kW TOU class now has 11 customers and that the number of customers with impacts of greater than 10 percent from unbundling are as follows:

Winter:

2 out of 11

Summer:

4 out of 11

Halton Hills has indicated that it will ensure that these customers will be able to receive guidance and advice with regard to managing their consumption for greater efficiency. As indicated above, the Applicant noted that the customer's consumption patterns in this class often reflect the specific characteristics of their business operations, and to the extent that the customers accept the advice, consumption patterns may then reflect greater price efficiency.

#### 3.1.1 Residential Class:

**Restructuring Rate Impact:** Bill impacts range from a decrease of 7.4 percent for customers with a low monthly consumption, up to an increase of 0.5 percent for customers with a large monthly consumption. The service/volumetric charge ratio is 57.1/42.9.

**Adjustment:** The service/volumetric charge ratio was adjusted to 60/40. The Applicant indicated that a 2.9% increase in distribution revenue was necessary to "normalize rates" across all customer classes to achieve a break-even point. Thus, in order to maintain an incremental distribution cost of \$0.0062/kWh in conformance with the Rate Handbook, the Applicant indicated that the monthly service/volumetric charge ratio was obligatory.

The service/volumetric charge ratio was adjusted in all rate classes from 57.1/42.9 to 60/40 in order to maintain the incremental distribution cost at \$0.0062/kWh after unbundling, in conformance with the Rate Handbook. This adjustment was necessary due to the normalization of existing rates, as described above.

**MARR and Final Rates:** The implementation of one-third MARR increases the revenue requirement by \$385,279, resulting in a monthly customer charge of \$9.16. The largest bill impact is 2.2%.

**Full Rate Impacts:** Final bill impacts using the existing rates (as opposed to the normalised rates) as a basis range from a decrease of 1.1 percent to an increase of 5.2 percent

Table 3.1
Residential Class

Monthly Consumption Level	Impact Following Unbundling	Impact Following Mitigation	Impact Following 1/3 MARR	Full Impact
250 kWh	-7.4%	-6.4%	-1.1%	-1.1%
500 kWh	-3.6%	-3.3%	0.5%	1.9%
750 kWh	-2.0%	-1.9%	1.2%	3.2%
1000 kWh	-1.0%	-1.1%	1.6%	3.9%
1500 kWh	0%	-0.3%	2.0%	4.7%
2000 kWh	0.5%	0.2%	2.2%	5.2%

Note: Bill Impacts are measured using normalized rates. "Full Impact" shows the bill impacts from the existing "un-normalised" rates

#### 3.1.2 General Service <50kW:

In the RUD model for this class, the Applicant elected to use three customer profiles that were more representative of actual customers in this class, rather than the two standard profiles included in the RUD Model. However, the Applicant provided final bill impacts on the two standard load profiles within the RUD model as additional evidence.

**Rate Restructuring Impact:** Bill impacts from unbundling range from a decrease of 4.9 percent to an increase of 2.1 percent on the given load profiles. The service/volumetric charge ratio is 57.1/42.9.

**Adjustment:** The Applicant changed the service/volumetric ratio to 60/40 for the reasons provided in section 3.1.1.

**MARR and Final Rates:** The implementation of one-third MARR increases the revenue requirement by \$71,656 for this class. The largest bill impact is 3.1%. The monthly service charge is \$20.04. Final bill impacts for a standard customer with a load of 10 kW and 2000 kWh is 1.3 percent and for a standard customer with a load of 50 kW and 5000 kWh the final bill impact is -2.9 percent

Full Rate Impacts: Final bill impacts using the existing rates as a basis range from a decrease of 0.1 percent to an increase of 6.2 percent.

Table 3.2
General Service <50kW Class

Monthly Consumption Level	Impact Following Unbundling	Impact Following Mitigation	Impact Following 1/3 MARR	Full Impact
Sample Customer #1 29 kW, 17,680 kWh	2.1%	1.7%	3.1%	6.2%
Sample Customer #2 18 kW, 6,700 kWh	-4.9%	-5.2%	-3.6%	-0.1%
Sample Customer #3 20 kW, 6,240	-4.8%	-5.1%	-3.4%	-0.6%

Note: Bill Impacts are measured using normalized rates. "Full Impact" shows the bill impacts from the existing "un-normalised" rates

#### 3.1.3 General Service >50kW Non-TOU:

Rate Restructuring Impact: Bill impacts from unbundling range from a decrease of 8.9 percent to an increase of 25.9 percent on the standard load profiles within the RUD model. The Applicant indicated that approximately 35 of its 169 General Service >50 kW Non-TOU customers will receive bill impacts of greater than 10 percent from unbundling (see section 3.1). The service/volumetric charge ratio is 57.1/42.9.

**Adjustment:** The Applicant changed the service/volumetric ratio to 60/40 for the reasons provided in section 3.1.1.

**MARR and Final Rates:** The implementation of one-third MARR increases the revenue requirement by \$190,365 for this class. Bill impacts range from a decrease of 8.3 percent to an increase of 32.1 percent. The monthly service charge is \$509.65.

**Full Rate Impacts:** Final bill impacts using the existing rates as a basis range from a decrease of 5.2 percent to an increase of 36.6 percent.

Table 3.4
General Service >50kW Non-TOU Class

Monthly Consumption Level	Impact Following Unbundling	Impact Following Mitigation	Impact Following 1/3 MARR	Full Impact
100kW, 20,000kWh	25.9%	26.7%	32.1%	36.6%
100kW, 30,000kWh	13.9%	14.5%	18.5%	22.5%

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100kW, 40,000kWh	6.8%	7.3%	10.5%	14.0%
500kW, 150,000kWh	-0.7%	-0.9%	0.6%	4.1%
500kW, 200,000kWh	-4.9%	-5.0%	-3.9%	-0.6%
500kW, 250,000kWh	-7.6%	-7.5%	-6.8%	-3.7%
1000kW, 100,000kWh	16.8%	16.2%	18.6%	23.7%
1000kW, 300,000kWh	-2.6%	-2.8%	-1.7%	1.8%
1000kW, 500,000 kWh	-8.9%	-9.0%	-8.3%	-5.2%

Note: Bill Impacts are measured using normalized rates. "Full Impact" shows the bill impacts from the existing "un-normalised" rates

The Applicant has provided the number of customers impacted by greater than 10 percent following unbundling and 1/3 MARR. This information is listed in Table 3.5 below. The Applicant has indicated that it will ensure that these customers receive guidance and advice in regard to managing their consumption. However, these are customers that operate fast food services, garages, and seasonal businesses that may not be able to change consumption patterns due to the inherent nature of their business's operations and typically have a poor load profile. The Applicant notes that these poor load factors add inefficiency to its distribution system, thereby adding to the system losses.

Table 3.5
General Service >50 kW Non-TOU Customers with Bill Impacts of >10 Percent

Final Bill Impact	Number of Customers
5% to 10%	2
10% to 15%	2
15% to 20%	1
20% to 25%	1
25% to 30%	2
30% to 35%	7
35% to 40%	6
Greater than 40%	14

#### 3.1.3 General Service >50kW TOU:

Rate Restructuring Impact:: There are 8 existing customers within this class. The Applicant has indicated that 2 of its existing 11 its General Service >50 kW TOU customers will receive

bill impacts of greater than 10 percent from unbundling in the winter months, and 4 of these 11 customers will receive impacts of greater than 10 percent in the summer months. Halton Hills has indicated that it will ensure these customers will receive guidance and advice with regard to managing their consumption for greater efficiency. The Applicant has stated that customer's consumption patterns in these classes often reflect the specific characteristics of their business operations. To the extent that the customers accept the Applicant's advice, consumption patterns may then reflect greater price efficiency.

**Adjustment:** The Applicant changed the service/volumetric ratio to 60/40 for the reasons provided in section 3.1.1.

**MARR and Final Rates:** The implementation of one-third MARR increases the revenue requirement by \$62,396 for this class. The monthly service charge is \$509.65.

Full Rate Impacts: Final bill impacts using the existing rates as a basis range from an increase of 20.9 percent to an increase of 37.4 percent

Table 3.6
General Service >50kW TOU Class

Consumption Period	Impact Following Unbundling	Impact Following Unbundling	Impact Following Unbundling	Final Impacts
Winter	15.2%	15.0%	16.2%	20.9%
Summer	30.1%	29.9%	32.3%	37.4%

Note: Bill Impacts are measured using normalized rates. "Full Impact" shows the bill impacts from the existing "un-normalised" rates

#### 3.1.5 Sentinel Lighting

Halton Hills currently treats its 506 sentinel lighting connections as non-TOU loads. This class currently has an annual distribution of \$8,687, and the one-third incremental revenue requirement is \$1,415, or an increase of 16.2 percent.

#### 3.1.6 Street Lighting

Halton Hills currently treats street lighting as a non-TOU load. It currently has 3,604 connections providing and an annual distribution revenue of \$26,353. The one-third incremental revenue requirement is \$4,293, or an increase of 16.2 percent.

#### 3.2 Effect of Mitigation

In response to a request from Board Staff to provide additional justification for adjusting the

service/volumetric ratio to 60/40 without performing additional adjustments to mitigate bill impacts further, the Applicant has provided the information in Tables 3.7 and 3.8 to support its course of action. The Applicant argues that modifying the service/volumetric ratio to something other than 60/40 (column 2), does not provide any additional benefit to customers.

The Applicant submits that rate mitigation is subjective and allows for a variety of implementation possibilities. In it's original rate application, Halton Hills Hydro Inc. chose to follow the variable and service charge ratio as provided in the RUD model as its mitigation proposal. The information in the table below supports Halton Hills Hydro Inc's. course of action, as it shows no significant difference that would suggest altering the proposed approach between the various mitigation options for the rate classes. Halton Hills Hydro Inc. believes that they have provided a fair and equitable mitigation proposal in their rate submission.

Table 3.7
First Year Impact

Customer Class	60/40	58/42	62/38	10/90	90/10
Residential	-1.1% to 2.2%	-1.9% to 2.6%	-0.3% to 2.1%	-20.7% to 9.3%	-1.8% to 10.7%
General Service	-3.4% to	-3.2 to	-3.9% to 2.7%	2.8% to	-2.5% to
<50 kW	3.1%	3.4%		12.3%	7.5%
General Service	-8.3% to	-8.1% to	-8.4% to	-4.6% to 29.8%	10.5% to
>50 kW Non-TOU	32.1%	31.4%	32.7%		41.3%
General Service	16.2% to	16.4% to	15.9% to	22.8% to 43.0%	12.2% to
>50 kW TOU	32.3%	32.7%	31.9%		25.9%

Table 3.8
Three Year Impact

Customer Class	60/40	58/42	62/38	10/90	90/10
Residential	6.1% to 9. <b>7</b> %	6.5% to 8.7%	6.9% to 10.7%	-15.4% to 15.0%	0.8% to 24.7%
General Service <50 kW	-0.4% to 5.9%	0.2 to 6.4%	-0.7% to 5.4%	7.9% to 17.7%	-1.2% to -5.4%
General Service >50 kW Non-TOU	-6.8% to 42.8%	-6.6% to 42.0%	-7.0% to 43.6%	-1.8% to 37.6%	-9.6% to 54.6%
General Service >50 kW TOU	18.6% to 37.2%	18.2% to 36.7%	18.9% to 37.8%	27.0% to 50.9%	13.5% to 29.0%

#### 3.3 Effect of Harmonization

The Applicant has provided the following in support of its decision to harmonize general service >50 kW Non-TOU and TOU fixed monthly service charge rates. Note that the amounts shown in the table below are final impacts including full MARR (i.e. in year 3 of PBR).

Table 3.9
Effect of Harmonization - General Service >50 kW Non-TOU

Consumption	Unbundled Bills with Harmonization	Unbundled Bills without Harmonization	Bill Impacts of Harmonization
100kW, 20,000kWh	\$2,394.47	\$2,231.57	7.3%
100kW, 30,000kWh	\$2,844.21	\$2,681.31	6.1%
100kW, 40,000kWh	\$3,293.94	\$3,131.04	5.2%
500kW, 150,000kWh	\$11,611.39	\$11,448.49	1.4%
500kW, 200,000kWh	\$13,860.06	\$13,697.16	1.2%
500kW, 250,000kWh	\$16,108.74	\$15,945.84	1.0%
1000kW, 100,000kWh	\$13,575.67	\$13,212.77	2.7%
1000kW, 300,000kWh	\$22,570.37	\$22,407.47	0.7%
1000kW, 500,000 kWh	\$31,565.06	\$31,402.16	0.5%

Table 3.10
Effect of Harmonization - General Service >50 kW TOU

Consumption	Unbundled Bills with Harmonization	Unbundled Bills without Harmonization	Bill Impacts of Harmonization
Winter	\$30,506.34	\$33,243.38	-8.2%
Summer	\$12,921.23	\$15,658.27	-17.5%

#### 4.0 Miscellaneous Charges and Other Issues

#### 4.1 Miscellaneous Charges:

The Applicant had originally requested increase to the miscellaneous charges noted

below. However, following discussion with Board Staff, as to the requirement of justification and an estimate of the change in revenue due to this change, the Applicant withdrew its request for these changes. Thus, Halton Hills is no longer requesting changes to its miscellaneous charges.

#### 4.2 Unmetered, Scattered Load:

 Halton Hills currently charges unmetered scattered load customers a flat rate per connection based on an estimated load. This billing method will continue after unbundling. Halton Hills currently has 6 unmetered scattered load customers.

#### 4.3 Implementation of Unbundled Rates:

- Halton Hills has indicated its existing billing system is capable of proration and issuing unbundled bills. The Applicant is requesting an implementation date of January 1, 2001 despite being advised by Board Staff that the Board has made March 1, 2001 the earliest retroactive implementation date. In a letter to the Board Secretary, dated July 3, 2001, the Applicant argues that "....It is unclear to Halton Hills Hydro Inc. why it should not obtain retroactivity to January 1, 2001, when other utilities have had rate approvals effective in January 2001. It is the view of Halton Hills Hydro Inc. that if this is the case a level playing field does not exist. Halton Hills Hydro Inc. filed its rate submission November 23, 2000 and has been waiting for OEB review approval since then..." (See attached letter, attachment 2)
- Halton Hills is seeking approval to use its preferred method of a rate-rider to accommodate the retroactive billing (see section 4.4).

#### 4.4 Rate Rider:

As stated in a letter to the Ontario Energy Board, dated July 3, 2001, Halton Hills is requesting retroactivity to January 1, 2001. The Applicant is intending to collect the January 1, 2001 rate rider over the next five months. For comparison purposes, the Applicant has provided two schedules, Table 4.2 shows the one-time charge difference between January 1 and March 1 retroactivity, and Table 4.3 shows the difference between the monthly rate rider charge, collecting the January 1, 2001 retroactivity in five months and the March 1, 2001 retroactivity in four months.

Table 4.2
One-Time Retroactive Charge

Customer Class	One-time Charge Retroactive Jan 1	One-time Charge Retroactive Mar 1	Difference
Residential	\$26.90	\$19.21	\$7.69
General Service <50 kW	\$65.61	\$46.87	\$18.74

General Service >50 kW Non-TOU	\$1,700.36	\$1,214.54	\$485.82
General Service >50 kW TOU	\$18,702.53	\$13,358.95	\$5,343.58
Street Lighting	\$0.69	\$0.50	\$0.19
Sentinel Lights	\$1.63	\$1.17	\$0.46

Table 4.3 Monthly Rate Rider Charge

Customer Class	Per Month Charge Retroactive Jan 1	Per Month Charge Retroactive Mar 1	Difference
Residential	\$5.38	\$4.80	\$0.58
General Service <50 kW	\$13.12	\$11.72	\$1.40
General Service >50 kW Non-TOU	\$340.07	\$303.64	\$36.43
General Service >50 kW TOU	\$3,740.51	\$3,339.74	\$400.77
Street Lighting	\$0.14	\$0.12	\$0.02
Sentinel Lights	\$0.33	\$0.29	\$0.04

#### 5.0 Interventions

No interventions have been filed on the Halton Hills rate application.

#### 6.0 Conclusions and Recommendations

Board Staff recommends consideration of the following to the Board in its decision on the Halton Hills rate application:

Board Staff review of Halton Hills Hydro's rate application has uncovered the following deviations from the rate handbook:

Since Halton Hills Hydro has been operating at a loss for several years, a cumulative

loss of (\$2,594,231) from 1994 to 1999, it is proposing to "normalize" its existing 1999 rates across all customer classes in order to create a "break-even" financial scenario for the LDC business at December 31, 1999. The proposed unbundled rates have been determined using these normalized rates as a starting point.

- Halton Hills Hydro used its actual winter peak coincident factor of 0.7561 and summer peak coincident factor of 0.7697 instead of the OEB default coincident factors of 0.981 and 0.991 respectively.
- The Applicant is proposing a harmonization of the distribution rates (fixed monthly and demand charges) for all Non-TOU and TOU customers in the General Service > 50 kW class. However, with regard to the cost of power component of the rates, the unbundled cost of power would reflect Non-TOU or TOU rates.
- The service/volumetric charge ratio was adjusted in all rate classes from 57.1/42.9 to 60/40 in order to maintain the incremental distribution cost at \$0.0062/kWh after unbundling, in conformance with the Rate Handbook.

No further deviations from the Rate Handbook were uncovered.

- Halton Hills has claimed special circumstances since it had incurred a loss in 1999 in the
  amount of (\$944,688) in its "wires-only" business activities, and that its operating losses
  for the 9 months ending September 30, 2000 amounted to (\$351,185). The Applicant
  argues that the negative 1999 return was determined by a decision of the Commission
  and is not reflective of any operating inefficiency that existed within the Utility.
- Halton Hills indicated that approximately 35 of its 169 General Service >50 kW Non-TOU customers will receive bill impacts of greater than 10 percent from unbundling. In addition, 2 of its 11 its General Service >50 kW TOU customers will be impacted by greater than 10 percent from unbundling in the winter months, and 4 of these 11 customers will be impacted by greater than 10 percent in the summer months. Halton Hills has indicated that it will ensure these customers will receive guidance and advice with regard to managing their consumption for greater efficiency. The Applicant has stated that customer's consumption patterns in these classes often reflect the specific characteristics of their business operations. To the extent that the customers accept the Applicant's advice, consumption patterns may then reflect greater price efficiency.
- Halton Hills proposes to continue charging its unmetered scattered load connections a flat rate per connection based on estimated loads.
- The Applicant has not requested changes to its Miscellaneous Charges.
- Halton Hills has indicated its existing billing system is capable of proration and issuing unbundled bills. The Applicant is requesting an implementation date of January 1, 2001.
- No interventions have been filed on this application.

Attacobinent IA.

Thursday, July 27, 2000

Ontario Energy Board P. O. Box 2319 2300 Yonge Street 26nd Floor Toronto, Ontario M4P 1E4

Attention: Mr. Paul B. Pudge, Board Secretary

Dear Sirs:

Re: Generic Proceeding on June 7, 2000 Ministers Directive (RP-2000-0069)

Halton Hills Hydro-Electric Commission (Halton Hills Hydro) is an 'electricity utility' within the definition included in the Ministes' Directive ('The Directive') to the Ontario Energy Board (the Board') dated June 7, 2000 and, as such, Halton Hills Hydro wishes to make a written submission, and may make an oral submission, with respect to the Directive and with respect to Bill 100, the Ontario Energy Board Amendment Act, 2000 (Bill 100'). This letter constitutes the written submission of Halton Hills Hydro to the above referenced Proceeding.

Halton Hills Hydro wishes to submit the following for consideration by the Board:

(i) Halton Hills Hydro is one of the most efficient municipal electric utilities in the Province, and provides electricity to its customers at amongst the lowest rates in the Province. Its efficiency was such that by 1994 it had accumulated substantial reserves to a level that it felt those reserves could be reduced and the benefit of that reduction passed on to its customers. Halton Hills Hydro chose to return the surplus reserves to its customers through reduced rates, which resulted in an annual operating deficit. The result is that rate revenue does not cover operating costs, and the reserves were used to cover the deficit, thus reducing the reserves. This practice started in 1994 and continues today. Accordingly, the current rates of Halton Hills Hydro are less than its cost and less than market.

It is likely that the initial rate application for Halton Hills Hydro will reflect an increase in rates, as most utilities'applications will. Performance Based Regulation encourages a mix of debt and equity and in fact penalizes excessive equity. Accordingly, there will be an element of interest reflected in the rates applied for by Halton Hills Hydro. As a result Section 78.1 of the Act, introduced by Bill 100, will cap the rates for Halton Hills Hydro at its current rates. As mentioned before, Halton Hills Hydros current rates are less than cost and market, and are deliberately so for the benefit of its consumers. Since reserves have now been sufficiently reduced, the new rates for Halton Hills Hydro no longer need to be lower

than cost or market. However, the effect of Bill 100 will be to cap the rates for Halton Hills Hydro at its current, lower than cost and market levels. This is unfair. Halton Hills Hydro should not be penalized for having been efficient and for having chosen to return the benefit of its efficiency to its consumers by lower than cost and market rates.

Accordingly, if Section 78.1 is to become part of the Act through the enactment of Bill 100, it should be amended such that municipal electric utilities in the circumstances of Halton Hills Hydro have their rates capped not at the level provided by Section 78.1, but at a level which is not reduced by the amount of benefit conferred upon consumers through reduced rates to reduce reserves. Further, this principle should be established and a municipal electric utility ought not to have to apply to the Board for relief in such circumstances.

- (ii) Performance Based Regulation penalizes the excessive use of equity by distributors. However proposed Section 78.1 (b) encourages the use of equity in as much as the use of debt giving rise to interest obligations would result in a distributors rates being capped. This conflict needs to be reconciled. It is submitted that the appropriate reconciliation is to have proposed Section 78.1 apply only when debt levels exceed that allowed by Performance Based Regulation.
- (iii) Bill 100 would make Halton Hills Hydro more valuable to a private sector owner than to the Town of Halton Hills as the owner. A private sector owner would not be subject to Bill 100 and, accordingly, could include in its rates its full, legitimate interest expense. Rates would be higher and higher rates means higher value. In order to maximize the value of Halton Hills Hydro as an asset, the Town would be forced to sell Halton Hills Hydro to a private sector purchaser. If Halton Hills Hydro were then operated at a profit, the profit would go to the new owner, likely a large corporation outside the community. How is this in the best interest of the Towns citizens? Accordingly, proposed Section 78.1 should not be enacted or, if it is enacted, it should be altered to delete the disincentive for municipal owners to continue to own their municipal electric utilities.
- In listing in Section 1 of the Ontario Energy Board Act, 1998 (the Act) the purposes of the Act without priority or primacy it calls for a balancing of those purposes with a view of achieving what is best overall for all involved in Ontarios electricity industry. To make the objective of protecting the interests of consumers primary, necessarily means that all other purposes of the Act are subordinate. To best protect the interests of consumers would have certain other purposes of the Act ignored, for example those which would raise the cost of electricity to consumers such as is the effect of item (e) of Section 1 of the Act. It is submitted that the original purposes of the Act, expressed as they are in the Act, were at the time they were enacted, and continue to be today, appropriate and do not need the benefit of any directive from the Minister. Accordingly, the Minister should rescind the Directive.

Halton Hills Hydro intends, and reserves the right to, make an oral submission at the subject proceeding.

Information relative to this submission may be obtained from and all notices relative to the subject proceeding should be sent to:

Mr. Daniel F. Guatto, P.Eng. General Manager Halton Hills Hydro 43 Alice Street Acton Ontario L7J 2A9

Telephone: (905) 453-2222 Facsimile: (519) 853-4148 E-mail: guatto@hhhydro.on.ca

All of which is respectfully submitted.

Halton Hills Hydro

Daniel F. Guatto, P.Eng.

General Manager



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II IIYDRO INC.

43 Alice Street, Acton, Ontario L7J 2A9

(519) 853-3700

(905) 453-2222

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July 3, 2001

Mr. Paul Pudge Board Secretary Ontario Energy Board 26<sup>th</sup> Floor, P.O. Box 2319 2300 Yonge Street Toronto, ON M4P 1E4

Re: RP-2000-0193, EB-2000-0428

Dear Mr. Pudge:

On June 19, 2001 Halton Hills Hydro Inc. filed interrogatory responses to RP-2000-0193 seeking rate retroactivity to January 1, 2001. In my follow-up with Board staff on the interrogatory review process, it was my understanding that the Board is only considering rate retroactivity to March 1, 2001. It is unclear to Halton Hills Hydro Inc. why it should not obtain retroactivity to January 1, 2001, when other utilities have had rate approvals effective in January 2001. It is the view of Halton Hills Hydro Inc. that if this is the case a level playing field does not exist. Halton Hills Hydro Inc. filed its rate submission November 23, 2000 and has been waiting for OEB review and approval since then.

The Board of Directors of Halton Hills Hydro Inc. expects to receive rate retroactivity to January 1, 2001. This is in accordance with their approval of the original rate submission to the OEB and Halton Hills Hydro Inc's 2001 budget. The Director's are well aware of the issue of customer impact, but any date other than January 1, 2001 erodes the equity of the corporation as we move to implement our market based rate of return.

A quick resolution to our interrogatory responses and approval of the rate application will enable Halton Hills Hydro Inc. to implement the rates as soon as possible and lessen the January 1, 2001 retroactivity impact to our customers.

Yours truly,

Arthur A. Skidmore CMA

Controller

c.c. Ms. Paula Conboy, OEB

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Mr. Bryan Boyce, Chair, Halton Hills Hydro Inc.

Mr. Dan Guatto, President, Halton Hills Hydro Inc.

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# Excerpt of Transcript from RP-2000-0069 Re: Halton Hills Hydro rate application

#### 1136 HALTON HILLS HYDRO

1	operation.
2	MR. GUATTO: That's correct.
3	MR. LYLE: And do I take it from your
4	submission that you don't now have very much in the way
5	of working capital?
6	MR. GUATTO: Yes, we do. We have just over 19
7	per cent.
8	MR. LYLE: Do you have any knowledge of what
9	your municipality is going to do when it comes to
10	corporatizing the utility, as to whether it intends to
11	remove any of that working capital out of the utility?
12	MR. GUATTO: Our knowledge to date is that it
13	does not intend to remove working capital. In fact, it
14	has not removed any asset from within the utility, nor
15	does it intend to.
16	MR. LYLE: Thank you, Mr. Chair. Those are my
17	questions.
18	THE PRESIDING MEMBER: Thank you, Mr. Lyle.
19	Gentlemen, I will start the panel's questions,
20	and it is basically just in one area, and that is, you
21	had chosen to implement a rate reduction, so that is why
22	you are in the situation you are in today.
23	MR. GUATTO: That's correct.
24	THE PRESIDING MEMBER: Other systems may have
25	chosen to implement a rebate, for example? In those
26	circumstances they would not have a similar problem
27	because, with a rebate, rates don't change. A rebate is
28	once a year, or there is a rate rider, and then you just
	Les Services StenoTran Services Inc.
	613-521-0703

#### 1137 HALTON HILLS HYDRO

1	continue on with that rate, as it were.
2	Is that one of the difficulties between
3	yourselves and some other systems?
4	MR. GUATTO: I could agree with that, yes.
5	THE PRESIDING MEMBER: At that time you had no
6	anticipation of a rate handbook or
7	MR. GUATTO: No. we did not. And at that time

a rebate was considered and it was excluded in favour of 9 the rate reduction. 10 THE PRESIDING MEMBER: Can I ask for what 11 reasons? Do you recall? 12 MR. GUATTO: It was felt that it was better to 13 have a lower rate than to give a one-time rebate to customers. And there is a certain awkwardness with 14 giving a rebate, in sharing it fairly: general service 15 16 customers, residential customers, new customers versus long-term customers, et cetera. So we felt that the 17 fairest way to do it was a rate reduction. 18 THE PRESIDING MEMBER: I have looked at your 19 20 physical information that you have provided. It doesn't 21 tell me anything about your profitability. Can you tell us anything about that? 22 MR. SMELSKY: For the year ending December 31, 23 1999, the net operating income -- or loss, sorry -- was 24 25 \$571,806, and in the year ending 1998 the net operating loss was \$971,339. 26 27 So from an operational perspective, we have lost revenue -- or, sorry, lost operating expenses on 28 Les Services StenoTran Services Inc.

613-521-0703

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ONTARIO ENERGY BD



43 Alice Street, Acton, Ontario L7J 2A9 (519) 853-3700 (905) 453-2222

June 19th, 2001

Mr. Paul Pudge Board Secretary Ontario Energy Board 26th Floor/ P.O. Box 2319 2300 Yonge St. Toronto, ON M4P 1E4

Re: Interrogatory Responses to RP-2000-0193, EB-2000-0428

Dear Mr. Pudge:

Further to the letter received from Matthew Kolodzie of Arthur Anderson concerning interrogatories to Halton Hills Hydro Inc. RP-2000-0193, please find enclosed the requested interrogatory responses.

Halton Hills Hydro notes for the Board again, that if the Board is considering altering our rate submission with regard to the "normalization", we respectfully request that we have the opportunity to appear before the Board to discuss this matter as soon as possible.

We would be pleased to provide further information as may be required to clarify any outstanding issues.

Yours truly,

Arthur A. Skidmore CMA

Controller

c.c. Ms. Paula Conboy O.E.B.

Mr. Matthew Kolodzie, Arthur Anderson

Mr. Bryan Boyce Chair, Halton Hills Hydro Inc.

Mr. Dan Guatto President, Halton Hills Hydro Inc.

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Ontario Energy **Board** P.O. Box 2319 2300 Yonge Street

26th. Floor Toronto ON M4P 1E4 Commission de l'Énergie de l'Ontario

C.P. 2319 2300, rue Yonge 26e étage Toronto ON M4P 1E4

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2000 November 24

BY FAX ONLY

Mr. Bryan D. Boyce Chairman of the Board of Directors Halton Hills Hydro Inc. 43 Alice Street Acton, Ontario L7J 2A9

Dear Mr. Boyce::

Re: **Electricity Distribution Rate Submission** 

Board File No. RP-2000-0193

This will acknowledge receipt on November 23, 2000 of Halton Hills Hydro Inc.'s Distribution Rates Application. The Board has assigned file number RP-2000-0193 (EB-2000-0428) to this matter. Please refer to this number in all future correspondence to the Board regarding this matter.

Yours truly,

Peter H. O'Dell

**Assistant Board Secretary** 



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43 Alice Street, Acton, Ontario L7J 2A9 (519) 853-3700 (905) 453-2222

November 23<sup>rd</sup>, 2000

Mr. Paul B. Pudge Board Secretary Ontario Energy Board P.O. Box 2319 2300 Yonge Street 26<sup>th</sup> Floor Toronto, ON M4P 1E4

Dear Mr. Pudge

# Application For Approval of Unbundled Rates for the Distribution of Electricity to the Customers of Halton Hills Hydro Incorporated (Halton Hills Hydro)

Halton Hills Hydro Inc. was incorporated under the requirements of the *Energy Competition Act*, 1998. The transfer of the assets of Halton Hills Hydro to the successor companies was effective on November 1<sup>st</sup>, 2000. In accordance with:

- the direction provided by the Ontario Energy Board (OEB) in its Decision With Reasons in RP-2000-0069,
- the requirements of the Transitional Distribution License (ED-1999-0290), and
- the requirements of the Electricity Distribution Rates Handbook provided by the Board March 13<sup>th</sup>, 2000.

Halton Hills Hydro Inc. is pleased to submit its unbundled rates application to the Board.

The Board has already received submissions from this utility with regard to its specific rates management issues during the Board's generic proceeding (RP-2000-0069) commencing July 27<sup>th</sup>, 2000. In that proceeding Halton Hills Hydro Inc. noted its particular circumstances regarding the treatment of its surplus revenues during the rate year ended December 31, 1999.

This Application to the Board reflects Halton Hills Hydro's submissions with regard to a proposed adjustment to "normalize" the 1999 year end

rates. Halton Hills Hydro believes this will assist both the Board and this corporation in creating a suitable base from which to move the utility forward under stable financial conditions. The adjustment reflects the charges that Halton Hills Hydro would have had to apply to reach a break-even position at year-end 1999.

With that assumption, Halton Hills Hydro Inc. has then used the breakeven point from which to apply the Board's criteria for unbundled rates as specified in the Board's rate unbundling and design model (RUD). Among other things, this model stipulates:

- the utility should make use of a 60:40 ratio of fixed to variable costs,
- the change in rate impact on small volume customers in a rate class shall not be greater than 10%,
- a utility may use an ROE of up to 9.88%, and
- the rate impact should be smoothed over the three years of the first generation PBR on the basis of one-third of the increase being implemented in each year.

The Board has also indicated if hardship to the utility in the form of financial distress is possible during the early transition to unbundled rates, then the Board would consider a skewed implementation of the rates. This would enable the utility to capture enough revenue in the first year of the first generation PBR to relieve that distress and obtain at least a break-even position. Halton Hills Hydro Inc. has noted this option but considers this a less desirable alternative to the adjustment of the rates as it has proposed in its submission.

Halton Hills Hydro Inc. believes that the proposed adjustment results in better financial stability for the utility, and security of service and of reliability to its rate payers. Further, the adjustment is justifiable given the benefits that its rate payers have already received due to operating efficiencies in the past. Due to this utility's special circumstances, the Board's indulgence is requested to allow the utility to make its case to the Board on the basis of the proposed adjustment.

Yours truly,

Bryan D. Boyce

Chairman of The Board of Directors

Halton Hills Hydro Inc.

RP - 2000 -

### HALTON HILLS HYDRO INC.

License Number: ED-1999-0290

# First Generation Performance Based Regulation

**2001 Rate Application** 

(Year 1 Filing)

Submitted by:

**Date: November 23, 2000** 

Dan F. Guatto, P.Eng. President

David J. Smelsky, CMA Vice President & Controller

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#### 1. EXECUTIVE SUMMARY

Halton Hills Hydro Inc. has carefully reviewed the policies and guidelines prepared by the Board in RP-1999-0034 and RP-2000-0069. This submission reflects Halton Hills Hydro's efforts to accommodate these requirements and accommodate its own needs without creating financial distress. A number of scenarios were considered to deal with the special circumstances of Halton Hills Hydro Inc. This submission presents what is considered to be the most appropriate rate design for our customers and the utility.

The Halton Hills Hydro Inc. rate submission includes:

- A proposal to "normalize" the 1999 rates across all customer classes. The overall impact to revenue is 2.92%. This adjustment has the effect of creating a break-even financial scenario for the LDC Business at December 31, 1999.
- Normalized rates for December 31, 1999, as the base for unbundling the distribution component from the cost of power.
- Separation of the distribution rate for all customer classes into a fixed charge component of 60.0% and a variable component of 40.0%.
- Maximum allowable market based rate of return of 9.88%

This adjustment, exclusive of "Payments in Lieu of Taxes" (PIL's), would increase the distribution rate for a typical residential customer with a monthly electricity consumption of 1,000 kWh, by 9.43% over the period of the First Generation PBR.

It is important to note that normalizing the 1999 rates to the breakeven level does not constitute a claw-back. The customers would retain the benefit of six years of rate decreases. Although the rate impact, as presented, would be harder on the general service customers than the residential customers, the general service customers will have the greatest ability to mitigate through competitive power purchases in the future market.

To mitigate the rate impact, Halton Hills Hydro Inc. is complying with the Board's Decision With Reasons (RP-2000-0069) to phase-in the rate increase evenly over the three years. The equal phase-in approach will impact the customer classes as shown in Table 1 (below).

The state of the s								L	
Halton Hills Hydro Inc. Summary of Rates and Impact	Current Bill	NORM. BEF	Moving to NORMALIZED Rate BEFORE PBR	Janu (Norm PBI	Effective January 01, 2001 (Normalized Rate + PBR Phase 1)	ш	PBR Phase 2		PBR Phase 3
Residential Volumetric (KWh) Fixed Monthly Charge	A/N A/N		N/A N/A	<i>↔ ↔</i>	0.0067	& &	0.0077	<del>\$\ \$\</del>	0.0086
Typical 1,000kWh per month Impact over Current Bill	\$ 81.13	<i></i>	83.00 2.30%	↔	84.32 3.93%	↔	86.54 6.67%	↔	88.78 9.43%
General Service <50kW Volumetric (kWh) Fixed Monthly Charge	N/A N/A		A/N N/A	<i>\$</i> \$	0.0061	↔ ↔	0.0070 22.85	<del>69</del> 69	0.0078 25.66
Typical 28.8kW; 17,680kWh per month Impact over Current Bill	\$ 1,241.84	₩	1,279.53 3.04%	Θ	1,318.82 6.20%	€9	1,336.77 7.64%	₩	1,354.73 9.09%
								_	
General Service >50kW NON TOU Volumetric (kW) Fixed Monthly Charge	N/A N/A		Z/Z Z/Z	\$ \$	1.3270 509.65	<del>↔ •</del>	1.5129	₩ ₩	1.6987 652.41
Typical 792.kW; 149,760kWh per month Impact over Current Bill	\$ 12,282.28	₩.	12,753.90 3.84%	\$	13,623.80 10.92%	↔	13,842.38 12.70%	↔	14,060.96 14.48%
General Service >50kW TOU Volumetric (kW)	A/N		N/A	\$	1.3270	\$	1.5129	↔	1.6987
Fixed Monthly Charge	N/A		A/N	↔	508.65	↔	581.03	↔	652.41
Typical Winter 1,227.1kW; 384,855.57kWh per month Impact over Current Bill	\$ 24,731.63	₩	25,725.14 4.02%	↔	29,888.87 20.85%	<del>\$</del>	30,197.60 22.10%	↔	30,506.34 23.35%

**TABLE 1** 

#### 2. CHANGES TO THE RATE UNBUNDLING DESIGN MODEL

The RUD Model was customized for Halton Hills Hydro Inc. as follows:

#### (a) Coincident Peak Factors General Service Time of Use:

Halton Hills Hydro Inc. did not use the OEB default Coincident Factors of 0.981 for winter peak, and 0.991 for summer peak, for Time-of-Use (TOU) General Service. The Coincidence Factors were calculated from actual customer data by dividing the demand of the TOU general service class at the time of the utility's monthly peak demand by the peak demand of the TOU general service class. The data required to complete this calculation was retrieved from the MV90 interval meter data stored on the Utility's database. Halton Hills Hydro calculations derived a Winter Peak Coincidence Factor of 0.7561 and the Summer Peak Coincidence Factor of 0.7697.

# (b) Combine Non Time of Use >50kW with Time of Use >50kW:

The original RUD model calculated different distribution charges for the subclass of Non-TOU>50kW and the subclass TOU>50kW. It is unjustifiable for the distribution charge of similar subclasses to be different. The presence of an interval meter should be indifferent and not have an impact on the distribution rate. Therefore, the Utility's distribution charge for similar subclasses should be the same.

Combining these two subclasses is consistent with the residential subclasses of TOU and Non-TOU.

## (c) Normalized 1999 Rates:

Current December 31, 1999 rates were normalized (adjusted to break-even levels) across the customer classes and the adjustments highlighted on Sheet 1 – Data in the RUD Model.

#### 3. CLAIMING SPECIAL CIRCUMSTANCES

When determining the adjustment required to move to the selected Return on Equity, the utility is required to subtract its' 1999 return from its' Market Based Revenue Requirement. Halton Hills Hydro incurred a loss in 1999 in the amount of (\$944,688). This loss represents the "wires-only" business activities. The operating losses continue today and as at September 30, 2000 the loss is (\$351,185).

The negative 1999 return was determined by a decision of the Commission and is not reflective of any operating inefficiency that existed within the Utility. Halton Hills Hydro Inc. is one of the most efficient municipal electric utilities in the province and provides electricity to its customers at amongst the lowest rates in Ontario. Its efficiency was such that by 1994 it had accumulated substantial reserves. The working capital peaked in 1996 at over 26%. Under the Power Corporation Act, utilities the size of Halton Hills Hydro were required to maintain working capital in the range of 15% to 25%. As the Utility forecasted increased working capital resulting from improved efficiencies, it subsequently reduced rates in order to maintain working capital within the required range, returning the excess capital back to the customers. Since 1994 Halton Hills Hydro has reduced rates by 8 ½ %. During that interval, the Utility has also accumulated operating losses of \$2,594,231 as indicated in Schedule A. This has reduced the working capital to 19.08% as of December 31, 1999.

At the time, the Commission believed returning the surplus reserves through reduced rates over a period was more beneficial, in a fair and balanced way to all customers. A one-time rebate would not have provided economic benefits fairly to all customers. On August 16<sup>th</sup>, 2000 during the Generic Hearing RP-2000-0069, this issue was presented to the Residing Panel and is referred to in Transcript, page 1136, and Line 19 through 28 and Transcript, page 1137, and

Line 1 through 18. A copy the complete Transcript and of Halton Hills Hydro oral presentation is included as Schedule B.

Halton Hills Hydro's current 1999 Rates and 2000 rates are less than cost and normalized market rates. The reserves have been sufficiently reduced. Halton Hills Hydro required rate increases for 2000, however there was simply no way, at that time, to request this rate increase under the provisions of the *Energy Competition Act 1998* and the *Ontario Energy Board Act 1998*. The PBR regime with 1999 rates as a base (and the effect of the Ontario Energy Board's Decision with Reason RP-2000-0069, in response to the Minister's Directive of June 7, 2000, allowing utilities to phase-in rate increases evenly over three years) further delays the recovery of normalized rates required by Halton Hills Hydro Inc. If the Board accepts Halton Hills Hydro's Preferred Rate Submission, then Halton Hills Hydro would avoid significant financial distress.

#### 4. HALTON HILLS HYDRO INC. RATE SUBMISSION

#### 4.1 Preferred Rate Submission:

Schedule C contains a proforma income statement reflecting normalized rates as the base for unbundling the rates for the First Generation PBR. In addition, the management of Halton Hills Hydro Inc. approached the shareholder for concessions. The shareholder is willing to receive a reduced interest rate on our debt obligation and forego full serviceability until the third year of PBR. The interest expense payable to the shareholder is reduced by \$620,000 in Year 1 and \$420,000 in Year 2. This is a reduction of \$1,040,000. This interest is not deferred. The shareholder is not expecting to recover the interest foregone related to the phase-in of market returns. The income statement for Year 1 is a profit of \$1,184,775 and Year 2 and Year 3 profits of \$1,837,484 and \$2,282,289 respectively. The accumulative net profit is projected to

be \$5,304,548 for the First Generation PBR. This approach will improve cash flow by \$3,609,698 and greatly assists the Utility in meeting the capital expenditure commitments.

Although the normalizing adjustment would impact general service rates harder than residential rates, the general service customers have the greatest ability to mitigate through competitive power (commodity) purchases in the future market.

### 4.2 Alternatives Considered

In order to assist the Board, Halton Hills Hydro has included a three-year proforma income statement using unbundled rates derived from the un-normalized 1999 rates as the base with the rate increase phased-in evenly over three years. Using this alternative, and as shown in Schedule D, Halton Hills Hydro Inc. projects a loss in Year 1 of \$(61,399), a profit of \$551,534 in Year 2 and a third year profit of \$956,187. Over First Generation PBR, the Utility's net profit is projected to be \$1,446,323. This would not sustain the Utility's obligation for capital expenditures that are required in order to maintain system reliability and meet the growth commitments of The Town of Halton Hills. This rate increase phased-in evenly over three years would create a cumulative cash outflow of (\$2,015,532) during First Generation PBR, greatly impairing the Utility's resources. It is therefore unacceptable to the Utility.

In addition, Halton Hills Hydro has examined the option of a skewed phase-in of the new rates. Halton Hills Hydro Inc. reviewed the viability of skewing 50.0% in Year 1, 25.0% in Year 2 and 25.0% in Year 3. Skewing reduced the cash outflow by \$652,095 during the first Generation PBR. However, this improvement is still not sufficient to meet the Utility's obligation for capital expenditures.

### 4.3 Continuous Improvement

Even though Halton Hills Hydro Inc. has proven to be one of the most efficient utilities in the province, there will always be a need for continuous improvements. Since 1996, the Utility has reduced controllable expenses per customer from \$203.20 down to \$190.41. The proforma income statement model, under PBR, indicates controllable expenses per customer will increase slightly. Halton Hills Hydro Inc. is committed and will continue to exercise prudent control of costs. Current initiatives include improving and streamlining various administration processes and automation with e-commerce. Operationally, Halton Hills Hydro Inc. is reviewing purchasing procedures, inventory levels and negotiating just-intime inventory processes, with a major industry supplier, without compromising system reliability, emergency response and safety. As an example, since August 2000, inventory levels have been reduced by \$375,000.

### 5. SHAREHOLDER SUPPORT

The shareholder, The Corporation of the Town of Halton Hills, is very supportive of Halton Hills Hydro Inc. and its management and staff. The shareholder is convinced that retaining the ownership of the LDC and its affiliates is the right decision for the ratepayers of Halton Hills. This decision was based on the following:

- a) Halton Hills Hydro has a proven track record in the business of providing reliable power to its customers at low cost;
- b) It ensures local control of power distribution in Halton Hills;
- c) It represents a minimum risk to the customers in ensuring reliable power distribution;
- d) It maintains an opportunity for future growth;
- e) It represents the least change for the Town, its customers, and the Hydro staff;
- f) In stakeholder discussions with the public, this was seen as the most acceptable option to the public;
- g) It ensures that the profits from the Hydro utility remain in the community;
- h) It retains the value of the business and will eventually allow for a reasonable rate of return for the shareholder;
- i) It allows time to resolve the many industry uncertainties due to changes in regulatory structure and industry competition.

Halton Hills Hydro's shareholder has not directed or received any assets or cash payments during the restructuring process. All asset values and cash on hand were transferred to the LDC and its affiliates, in accordance with the *Energy Competition Act 1998* and the transfer by-laws.

In addition, the Halton Hills Hydro Inc. has not projected any dividend payments during the 1<sup>st</sup> Generation PBR. Any profits from operations or additional earnings from productivity improvements during the transition period will be retained by Halton Hills Hydro Inc. for capital replacement, capital expansion and ensuring system reliability.

### 6. CONCLUSIONS

The Town of Halton Hills is an expanding community on the outskirts of the GTA. The community is situated for continued economic growth and residential development up to the planned maximum over the duration of the 1<sup>st</sup> Generation PBR and beyond. The forecasted industrial development, along the 401 Corridor and the continued residential growth in other areas of the community will have substantial financial pressures on Halton Hills Hydro Inc. Capital expansion and continued reliability of the Hydro distribution system are foremost. Halton Hills Inc. rate submission is designed to achieve:

Just and reasonable rates.

Reliability of customer services.

Quality of service for customers.

The ability to grow the Utility's assets in order to meet the Community's expectations for economic development.

Halton Hills Hydro respectfully requests that the Board approve its Preferred Rate Submission including a preliminary adjustment of 2.92% to the 1999 year-end rates.

## Schedule A

### Halton Hills Hydro "WIRES ONLY" BUSINESS Historical Operating Statements

### SCHEDULE 'A'

Historical Operating Statements	1004	1005	1006	1997	<u>1998</u>	1999	ACCUMULATIVE SIX YEAR LOSSES
Service Revenue	1994	<u>1995</u>	<u>1996</u>	1997	1990	1999 .	LUSSES
Residential	13,818,712	13,652,797	13,500,571	13,056,111	13,012,207	13,261,701	
General	14,862,810	14,925,672	15,582,855	15,748,653	15,661,437	16,467,075	
Streetlighting	161,213	135,131	141,683	150,190	148,527	151,436	
	28,842,735	28,713,600	29,225,109	28,954,954	28,822,171	29,880,212	
Cost of Power	23,739,992	24,410,508	24,997,316	25,050,700	25,594,187	26,441,767	
	5,102,743	4,303,092	4,227,793	3,904,254	3,227,984	3,438,445	
Operating Expenses	2,958,078	2,784,101	2,989,940	3,023,352	3,172,707	3,135,363	
	2,144,665	1,518,991	1,237,853	880,902	55,277	303,082	
Interest	320,784	342,457	306,756	269,494	168,008	58,612	
Depreciation and Amortization	1,240,417	1,320,321	1,401,951	1,479,407	1,488,891	1,440,409	
	583,464	(143,787)	(470,854)	(867,999)	(1,601,622)	(1,195,939)	
Other Revenue Late Payment Charges	136,650	161,768	177,100	169,080	206,657	251,251	
Net Operating Income (Loss)	720,114	17,981	(293,754)	(698,919)	(1,394,965)	(944,688)	\$ (2,594,231)
RATE CHANGES	-2.0%	-2.0%	-2.0%	-1.5%	-1.0%	0.0%	
Average Residential Rate For 1,000 kWh	\$ 0.8968	\$ 0.8763	\$ 0.8583	\$ 0.8288	\$ 0.8113	\$ 0.8113	
Working Capital as % of Net Expense	24.38%	25.26%	26.24%	24.95%	23.04%	19.08%	

# Schedule B

SCHEDULE "B"

# HALTON HILLS HYDRO INC.

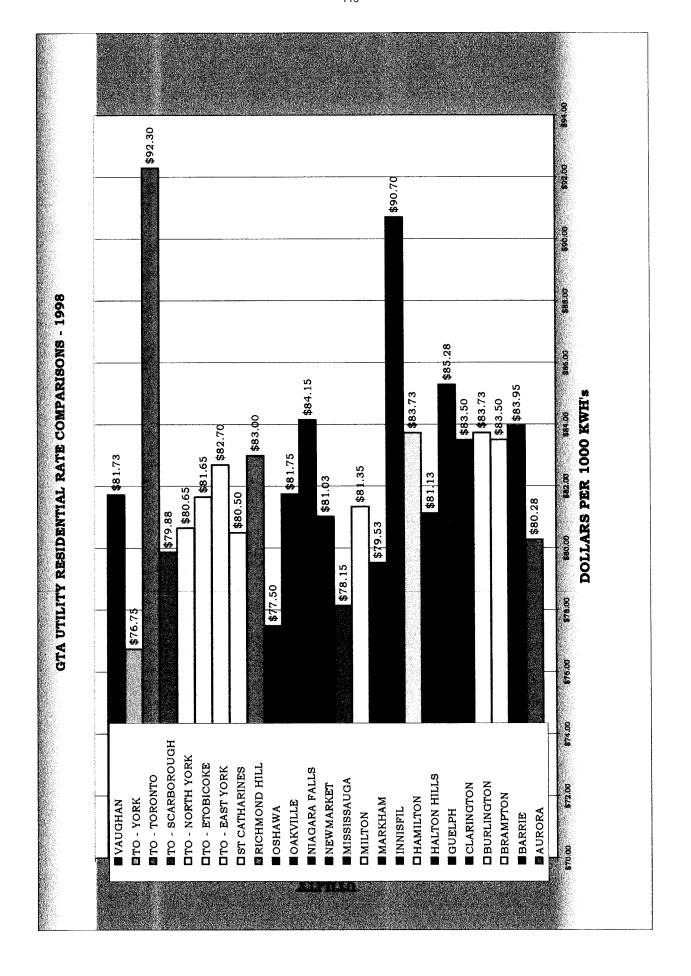
# ONTARIO ENERGY BOARD GENERIC HEARING RP-2000-0069

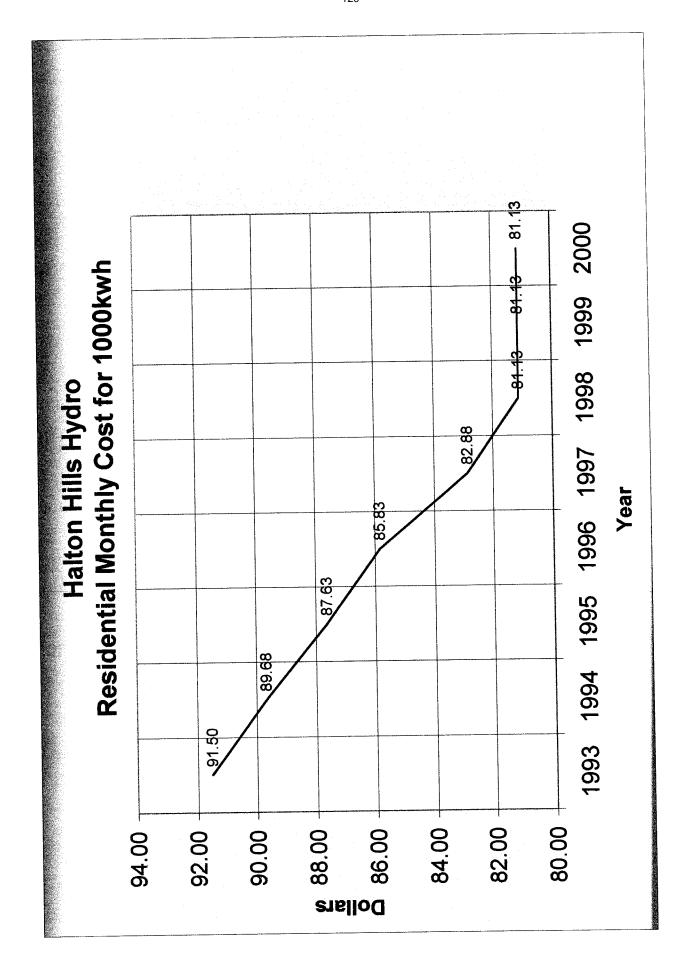
**AUGUST 16th, 2000** 

### HALTON HILLS HYDRO-ELECTRIC COMMISSION ONTARIO ENERGY BOARD - GENERIC HEARING - RP-2000-0069 August 16th, 2000

We have reviewed many of the other written submissions and do not wish to revisit issues already presented. We do however, wish to add one additional message that is unique to our utility, as outlined in our written submission to the Board, dated July 27<sup>th</sup>, 2000.

- The 1999 residential rate for Halton Hills Hydro is among the lowest in the GTA.
- Under the old regulation, utilities of our size were required to maintain working capital in the range of 15% to 25%.
- As we have forecasted increased working capital, we have subsequently reduced our rates in order to maintain working capital within the required range; returning the excess capital back to our customers.
- Since 1994 we have reduced our rates 8 ½ %.
- During that period, our working capital peaked at over 26% in 1996 and, at the end of 1999 was just over 19%.
- We have maintained operating efficiencies allowing us to pass the benefit on to our customers and ultimately having below market level rates.
- Our interpretation is that Section 78.1 of the OEB Act will put a cap on our rates at the 1999 level, which is below market level.
- It will also preclude the OEB from forbearing in a case such as ours.
- Our utility should not be penalized for having been efficient in the past.
- Our case is one example in which the proposed legislative amendments would actually have a negative effect on our business and our customers.
- Our belief is that the OEB must retain the right to forbear in circumstances such as ours, and should therefore seek appropriate changes to the proposed legislation.





# HALTON HILLS HYDRO-ELECTRIC COMMISSION STATISTICAL INFORMATION

	1994	1995	9661	1997	8661	6661
RATE CHANGE	-2.0%	-2.0%	-2.0%	-1.5%	-1.0%	%0.0
average residential rate for 1000 kwh	8.968¢	8.763¢	8.583¢	8.288¢	8.113¢	8.113¢
WORKING CAPITAL AS % OF NET EXP	24.38%	25.26%	16.24%	24.95%	23.04%	19.08%



# **ONTARIO ENERGY BOARD**

**FILE NO.:** 

RP-2000-0069

**VOLUME:** 

6, Generi Hearing

DATE:

August 16, 2000

**BEFORE:** 

P. Vlahos

Vi e Chair &

**Presiding Member** 

**G.A.** Dominy

Vi e Chair & Member

S. Halladay

Member

S. Zerker

Member

1		RP-2000-0069
2	THE ONTA	RIO ENERGY BOARD
3		
4	IN THE MATTER OF ss. 129	(7) and 78 of the Ontario Energy
5	Board Act, 1998, S.O. 199	98, c. 15, (Sched. B);
6		
7		
8	AND IN THE MATTER OF a M	inisters Directive dated
9	June 7, 2000.	
10		
11		
12		
13	BEFORE:	
14	Mr. P. VLAHOS	Vice-Chair and Presiding Member
15	Mr. G. DOMINY	Vice-Chair and Member
16	Ms S. HALLADAY	Member
17	Dr. S. ZERKER	Member
18		
19		
20		
21	Hearing held at:	
22		Floor, Hearing Room No. 1
23	Toronto, Ontario on Wedn	lesday, August 16, 2000,
24	commencing at 0910	
25		
26		
27	GEN	ERIC HEARING
28		VOLUME 6

1		APPEARANCES
2	MICHAEL LYLE/	Board Solicitor
3	STEPHEN MOTLUK/	Board Staff
4	JUDY KWIK	Board Staff
5		
6	DONALD H. ROGERS/	Hydro One Networks
7	JOHN GLICKSMAN	
8		
9	PAUL FERGUSON/	Upper Canada Energy Alliance
10	MICHAEL McLEOD/	
11	CLAYTON HARRIS	
12		
13	JOHN WIERSMA/	Veridian Corporation
14	GEORGE ARMSTRONG	
15		
16	MARK RODGER/	Brantford Hydro
17	ANDY MOLENAAR	
18		
19	DANIEL GUATTO/	Halton Hills Hydro
20	DAVID SMELSKY	
21		
22		
23		
24		
25		
26		
27		
28		

### BRANTFORD HYDRO

1	MR. MYCHAILENKO: Yes. That's our intention.
2	MEMBER DOMINY: Thank you.
3	THE PRESIDING MEMBER: Thank you very much for
4	being here today. We appreciate it.
5	MR. MYCHAILENKO: Thank you.
6	MR. SIDLOFSKY: Thank you.
7	THE PRESIDING MEMBER: We are ready to
8	continue with Halton Hills Hydro. Is there anybody from
9	Halton Hills Hydro?
10	I have Mr. Adrian Phillips, counsel.
11	MR. GUATTO: That's correct, Mr. Chairman.
12	THE PRESIDING MEMBER: I have four names or
13	another three names rather. I only see one individual.
14	MR. GUATTO: I am Dan Guatto, General Manager
15	of Halton Hills Hydro. With me is David Smelsky,
16	Manager of Finance and Administration. We will be the
17	only two attending today.
18	THE PRESIDING MEMBER: I'm sorry, I thought
19	you were the counsel. I apologize. Please proceed.
20	PRESENTATION
21	MR. GUATTO: Mr. Chairman, we have brought
22	with us some material that supports our written
23	submission in the form of graphs and charts. We think
24	it would be very illustrative if we could hand that out.
25	We have enough copies for the Board and staff and for
26	everyone.
27	While David is doing that, I will just set the
28	stage and make you aware that Halton Hills Hydro is one

1	of four utilities in the Region of Halton. Our sister
2	utilities are Oakville, Burlington and Milton.
3	Basically, Milton itself is at the 401 and Halton Hills
4	is north of the 401. We are a small utility of 16,000
5	customers at present and we are growing very rapidly.
6	MR. LYLE: Mr. Chair, we will make this
7	document Exhibit 6, E6.6.
8	EXHIBIT NO. E6.6: Graphs and Charts
9	MR. GUATTO: Is it okay to begin? Has
10	everybody received a copy? Great.
11	Our focus today will be on the main point of
12	our July 27 written submission. We have reviewed many
13	of the submissions of other utilities, the written
14	submissions. Although we have other concerns, we do not
15	wish to revisit issues that have already been presented
16	by others. Instead, we wish to add one additional
17	message and present our own utility as an example. Our
18	presentation will be short and specific to that issue.
19	The first graph in the handout indicates that
20	the 1999 residential rate for Halton Hills Hydro is
21	amongst the lowest in the GTA. They are in no
22	particular order. About two thirds of the way down is
23	Halton Hills Hydro's rate. It's \$81.13. That graph is
24	at the 1,000 kilowatt hours per month, the typical
25	benchmark used to compare rates.
26	Under the old regulation, utilities of our
27	size have been required to maintain working capital
28	between 15 and 25 per cent.

1	THE PRESIDING MEMBER: Of what, sir?
2	MR. GUATTO: Of working capital.
3	THE PRESIDING MEMBER: Of what?
4	MR. GUATTO: Of annual revenue. In our
5	particular case, as we had forecasted working capital
6	rates climbing, we subsequently reduced our rates to
7	bring the working capital back down into the required
8	range and to return the excess capital to our customer
9	base.
10	The only way we could do that was to have a
11	rate that was below a market rate. In other words, we
12	planned for and we realized a loss for certain budget
13	years of that range.
14	From 1994 to 1998 we reduced our rates 8.5 per
15	cent. For 1999, we held the 1998 rate. The second
16	graph in the hand-out indicates the transition in our
17	rates.
18	Over that period, 1994 to 1999, our working
19	capital peaked at about 26 per cent in 1996, and by the
20	end of 1999 it was just over 19 per cent, as we had
21	targeted.
22	The chart at the end of the hand-out shows you
23	the changes in our rate and our working capital.
24	Our position is that we have been efficient
25	and that the benefit of that efficiency has been passed
26	on to our customers. By doing so, we believe we acted
27	in our customers' best interests.
28	With respect to Bill 100, our interpretation

1	is that section 78.1 of the OEB Act would put a cap on
2	our rates at the 1999 level, which is below market. It
3	would also preclude the OEB from forbearing in a case
4	such as ours.
5	Our concern is that our utility would be
6	effectively penalized for having been efficient in the
7	past. Our case is one example in which Bill 100 and the
8	proposed legislative changes would actually have a
9	negative effect on our business and our customers, the
10	very customers it was supposed to protect.
11	Our belief is that the OEB must retain the
12	right to forebear in such circumstances and should,
13	therefore, seek the appropriate changes to Bill 100.
14	That is really the extent of our presentation,
15	and we would be happy to entertain any questions.
16	THE PRESIDING MEMBER: Thank you, Mr. Guatto.
17	Mr. Lyle?
18	MR. LYLE: Thank you, Mr. Chair.
19	You refer to the OEB forbearing in cases such
20	as yours. Can you explain to me what you mean by that?
21	MR. GUATTO: What we mean is, we didn't our
22	advice our legal advice was that a rate cap at the
23	1999 rate, which would be imposed upon us by section
24	78.1, would not be fair, and so we would be seeking
25	forbearance from the OEB for that. And our further
26	legal advice was that that would not be possible because
27	of section 78.1.

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28

MR. LYLE: So, in other words, if Bill 100 was

1	passed in its present form, the Board would have to act
2	in accordance with Bill 100 in making its decisions.
3	MR. GUATTO: That's correct.
4	MR. LYLE: You suggested in your original
5	written submission that the Minister should rescind the
6	directive. Now, assuming for a moment that the Minister
7	does not rescind the directive and the Board proceeds
8	ahead to make whatever adjustments to the rate handbook
9	it decides are appropriate in response to the directive,
L <b>O</b>	if the Board was to adjust the rate handbook so as to
1	require municipal utilities to phase in a market
L <b>2</b>	adjusted revenue requirement over the course of three or
L3	four years, and if the Board was also to provide for the
L <b>4</b>	deferrals of any forgone revenues in deferral accounts,
L5	would that change be something that Halton Hills could
L6	accept?
L7	MR. SMELSKY: Yes, Halton Hills would be in
L8	agreement for the deferral accounts as well.
L9	MR. LYLE: I just want to explore briefly with
20	you you stated in your written submission that as of
21	1994 you had accumulated substantial reserves. Now, is
22	Halton Hills Hydro I see it is a Hydro Electric
23	Commission, so you didn't have any water assets or any
24	other assets?
25	MR. GUATTO: No, we didn't. We did the
26	billing for the water, but that's the extent of it.
27	MR. LYLE: I see. So all of the reserves
28	would have been accumulated from your electricity

1	operation.
2	MR. GUATTO: That's correct.
3	MR. LYLE: And do I take it from your
4	submission that you don't now have very much in the way
5	of working capital?
6	MR. GUATTO: Yes, we do. We have just over 19
7	per cent.
8	MR. LYLE: Do you have any knowledge of what
9	your municipality is going to do when it comes to
10	corporatizing the utility, as to whether it intends to
11	remove any of that working capital out of the utility?
12	MR. GUATTO: Our knowledge to date is that it
13	does not intend to remove working capital. In fact, it
14	has not removed any asset from within the utility, nor
15	does it intend to.
16	MR. LYLE: Thank you, Mr. Chair. Those are my
17	questions.
18	THE PRESIDING MEMBER: Thank you, Mr. Lyle.
19	Gentlemen, I will start the panel's questions,
20	and it is basically just in one area, and that is, you
21	had chosen to implement a rate reduction, so that is why
22	you are in the situation you are in today.
23	MR. GUATTO: That's correct.
24	THE PRESIDING MEMBER: Other systems may have
25	chosen to implement a rebate, for example? In those
26	circumstances they would not have a similar problem
27	because, with a rebate, rates don't change. A rebate is
28	once a year, or there is a rate rider, and then you just

1	continue on with that rate, as it were.
2	Is that one of the difficulties between
3	yourselves and some other systems?
4	MR. GUATTO: I could agree with that, yes.
5	THE PRESIDING MEMBER: At that time you had no
6	anticipation of a rate handbook or
7	MR. GUATTO: No, we did not. And at that time
8	a rebate was considered and it was excluded in favour of
9	the rate reduction.
10	THE PRESIDING MEMBER: Can I ask for what
11	reasons? Do you recall?
12	MR. GUATTO: It was felt that it was better to
13	have a lower rate than to give a one-time rebate to
14	customers. And there is a certain awkwardness with
15	giving a rebate, in sharing it fairly: general service
16	customers, residential customers, new customers versus
17	long-term customers, et cetera. So we felt that the
18	fairest way to do it was a rate reduction.
19	THE PRESIDING MEMBER: I have looked at your
20	physical information that you have provided. It doesn't
21	tell me anything about your profitability. Can you tell
22	us anything about that?
23	MR. SMELSKY: For the year ending December 31
24	1999, the net operating income or loss, sorry was
25	\$571,806, and in the year ending 1998 the net operating
26	loss was \$971,339.
27	So from an operational perspective, we have
28	lost revenue or, sorry, lost operating expenses on

1	that basis.
2	THE PRESIDING MEMBER: So you have been in a
3	loss position for two years.
4	MR. SMELSKY: Basically, in 1997, 1998 and
5	1999 we have been operating at a loss.
6	THE PRESIDING MEMBER: So three years.
7	MR. SMELSKY: Yes, for three years.
8	THE PRESIDING MEMBER: And that explains the
9	reduction in the working capital.
10	MR. GUATTO: That's correct.
11	MR. SMELSKY: That is correct.
12	THE PRESIDING MEMBER: But one could claim
13	that you are still cash rich.
14	MR. SMELSKY: We do have a cash balance and
15	cash reserves, that is correct?
16	THE PRESIDING MEMBER: So, although you are in
17	a loss position, there is not really a case
18	You are not suggesting that there is a
19	financial distress situation in the case of Halton
20	Hills?
21	MR. GUATTO: Absolutely not. All we are
22	suggesting is that our rates are below market.
23	THE PRESIDING MEMBER: Those are my questions.
24	Mr. Dominy?
25	MEMBER DOMINY: Halton Hills, I think you
26	said, is growing rapidly.
27	MR. GUATTO: Yes, it is.
28	MEMBER DOMINY: How do you finance your new

1	investment?
2	MR. GUATTO: To date we have financed through
3	developer contributions, and they come in two forms:
4	development charges we have a development charge
5	by-law; and contributed capital.
6	Development charges are paid for expansions to
7	our system which are outside the development envelope.
8	In other words, if we have to increase the size of a
9	substation to feed a new subdivision. And capital
10	contributions pay for anything within the envelope.
11	MEMBER DOMINY: And development charges are no
12	longer around.
13	MR. GUATTO: That's correct.
14	MEMBER DOMINY: So how are you planning to
15	find your capital in the future?
16	MR. GUATTO: I can't fully answer your
17	question at this point because we have not explored all
18	of the options. Because of our size we have not
19	submitted our rate application. We were supposed to do
20	that August 1, and then it was deferred, so we haven't
21	completed that process.
22	MEMBER DOMINY: Thank you. That was what I
23	was interested in.
24	THE PRESIDING MEMBER: Dr. Zerker?
25	MEMBER ZERKER: Just to satisfy my curiosity,
26	did you decide on the rate reduction instead of the
27	rebate in order to attract industry?
28	You are near Oakville, which is a growing

1	community, and I imagine that Halton Hills is in a
2	comparable situation. Did you think that a lower rate
3	for electricity would be more attractive to industry?
4	MR. GUATTO: Actually, I guess I have to
5	answer that question in a negative way. Although we
6	wouldn't forgo industry, we are heavy with residential
7	now, and actually we have gotten quite comfortable with
8	it and we don't mind having a large percentage of
9	residential because it is a very steady load group.
10	Although we are always welcoming new industry, we tend
11	to give the biggest benefit of the rate reduction to the
12	residential side, if possible.
13	MEMBER ZERKER: From a competitive point of
14	view, do you still want to be at a lower rate to your
15	neighbours at the outcome of this?
16	MR. GUATTO: Yes. I would say the answer is
17	yes. Of course we are competitive in that way, and that
18	has come up, and it has been mentioned, and we have in
19	fact mentioned it from time to time. But it is not the
20	only goal that we have.
21	MEMBER ZERKER: What do you want this Board,
22	then, to do? What is it that you are asking of this
23	Board, in light of the evidence that you have provided?
24	MR. GUATTO: We are asking that the Board seek
25	to retain its right to forebear in circumstances like
26	ours, so that if we came to the Board and claimed that
27	our rate was below market and we could prove it that the
28	Board would have the ability to bring us back up to

1141

1	market rates.
2	MEMBER ZERKER: In monopolies and in regulated
3	monopolies as such how do we know what the market rate
4	is? And this is not an actual market and you made
5	reference to the market a number of times. I would like
6	to know how you define that.
7	MR. GUATTO: Currently, we are defining it,
8	the cost of our operations versus the revenue that we
9	get. If it costs more to run the utility than we get in
10	revenue and we are below the market rate, if we are
11	taking a loss then we're below.
12	MEMBER ZERKER: It could use a better name, I
13	must admit.
14	MR. SMELSKY: If I may answer to the question
15	as well. I think you are absolutely correct. Market
16	rate probably is not the correct term. It may be that
17	when we submit our rate proposals to the OEB under the
18	unbundled rates we will be looking at a percentage
19	increase which will have two components.
20	One will be the component that would bring us
21	to a level of natural break even and then the other
22	component would be some type of mitigated rate for the
23	rate of return that we would be allowed. I think maybe
24	that's really the issue we are looking at is when we
25	submit and seek the Board approval that they have the
26	ability to rule on differentiation or the components

Les Services StenoTran Services Inc. 613-521-0703

MEMBER ZERKER: What your application will be

within the rate increase.

27

28

1	saying and should be saying in fact.
2	One point, on your written submission you say,
3	your third point, that the private sector owner would
4	not be subject to Bill 100. We don't know that. It may
5	not be subject to Bill 100, but it may they may. I
6	just wanted to bring that to your attention. We have
7	not got any clarification on that.
8	MR. GUATTO: Thank you.
9	THE PRESIDING MEMBER: Ms Halladay.
10	MEMBER HALLADAY: No, Mr. Chair. I think I
11	understand what the problem is. I am not sure that I
12	agree that forbearance is the remedy that you are really
13	looking for, but I think I understand what your concerns
14	are. We will address those.
15	THE PRESIDING MEMBER: Thank you.
16	Those are all our questions, gentlemen. Thank
17	you for being here.
18	Before we break, Ms Kwik, I just wonder
19	whether we can take an undertaking?
20	MS KWIK: Yes, Mr. Chair.
21	THE PRESIDING MEMBER: I was wondering whether
22	what was put on the record today about the floor of zero
23	per cent that if you are a negative position that
24	automatically you can count on starting from zero plus
25	going up to 9.88 and whether that is the interpretation
26	of page 3-8 of the Rate Handbook of footnote 2, and

Les Services StenoTran Services Inc. 613-521-0703

either confirm or state otherwise for the record.

MS KWIK: Yes, Mr. Chair.

27

28

1	MR. LYLE: Would you like to give that
2	undertaking a number, Mr. Chair?
3	THE PRESIDING MEMBER: You'll be around
4	MR. LYLE: Thank you.
5	THE PRESIDING MEMBER: Gentlemen, you are
6	excused.
7	MR. GUATTO: Thank you very much.
8	THE PRESIDING MEMBER: We will adjourn until
9	four o'clock to hear from Hydro One.
10	Upon recessing at 1530
11	Upon resuming at 1605
12	THE PRESIDING MEMBER: Mr. Lyle, is there
13	anything to deal with?
14	MR. LYLE: No, Mr. Chair.
15	Mr. Rogers is here to discuss
16	THE PRESIDING MEMBER: Welcome back,
17	Mr. Rogers.
18	MR. ROGERS: Thank you, sir. I am very glad
19	to be here indeed. I always enjoy my time here.
20	THE PRESIDING MEMBER: We enjoy having you,
21	sir.
22	MR. ROGERS: Thank you.
23	THE PRESIDING MEMBER: Mr. Dominy says it must
24	have been a successful arbitration this afternoon.
25	MR. ROGERS: Well, it depends on who you ask
26	about it I think.
27	THE PRESIDING MEMBER: Mr. Rogers, we are in
28	your hands.

# Schedule C

Halton Hills Hydro Inc.

SCHEDULE 'C'

First Generation PBR
(Normalized Rates as the Base for Unbundling)
Proforma Statements and Cash Flows

### EQUAL THREE-YEAR PHASE-IN OF RATE INCREASE

	ed Rates as the Base for Unbundling)					EQUAL	THREE-Y	EΑ	R PHASE-IN OF	RATE	<b>VCH</b>	EASE			
Prof	orma Statements and Cash Flows					22.248/			33.33%			33.33%			
	INCOME STATEMENT					33.34% 1-Jan-2001			33.33%			33.33 %			
	INCOME STATEMENT	(19	99 Historical)			rear 1 PBR			Year 2 PBR		,	rear 3 PBR			
Revenues		(15	33711010110017		-										
	Residential	\$	13,263,310		\$	14,140,872		\$	15,049,065		\$	15,991,815			
	General Service < 50kW	\$	2,620,553		\$	2,837,611		\$	3,014,464		\$	3,198,056			
	General Service > 50kW	\$	13,888,399		\$	16,694,055		\$	17,711,792		\$	18,763,964			
	Streetlighting	\$	185,242		\$_	185,188		\$	192,657		\$	200,427	100.0%		
		\$	29,957,504	100.0%	\$	33,857,727	100.0%	<b>Þ</b>	35,967,977	100.0%	Ф	38,154,262	100.0%		
0															
Cost of Pov	ver Residential	\$	11,205,543		\$	11,336,155		\$	11,793,364		\$	12,269,014			
	General Service < 50kW	\$	2,252,628		\$	2,315,923		\$	2,409,329		\$	2,506,502			
	General Service > 50kW	\$	12,833,394		\$	13,705,981		\$	14,258,770		\$	14,833,855			
	Streetlighting	\$	150,203		\$	150,159		\$	156,215		\$	162,516			
		\$	26,441,768	88.3%	\$	27,508,217	81.2%	\$	28,617,678	79.6%	\$	29,771,886	78.0%		
Distribution		_				0.004.740		\$	3,255,701		\$	3,722,801			
	Residential	\$	2,057,767		\$ \$	2,804,718 521,688		ъ \$	605,135		\$	691,555			
	General Service < 50kW	\$ \$	367,925 1,055,005		\$	2,988,075		\$	3,453,021		\$	3,930,109			
	General Service > 50kW Streetlighting	\$	35,039		\$	35,029		\$	36,442		\$	37,911			
	Streetiighting	\$	3,515,736	11.7%	\$	6,349,509	18.8%		7,350,298	20.4%	\$	8,382,376	22.0%		
		\$	-		\$			\$			\$	-			
Operating 6	Expenses														
	Substations	\$	120,904		\$	147,484		\$	151,664		\$	155,935			
	Lines and feeders	\$	695,549		\$	848,461		\$	872,507 279,223		\$ \$	897,079 287,086			
	Transformers and meters	\$	222,592		\$	271,527 843,723		\$ \$	279,223 870,489		\$	897,862			
	Billing and collections	\$ \$	872,165		\$	1,070,710		\$	1,104,676		\$	1,139,413			
	Administration	\$	1,106,803 117,350		\$	113,523		\$	117,124		\$	120,808			
	Customer Service	\$	117,330		\$	110,020		\$	,		\$	-			
		\$	3,135,363	10.5%	\$	3,295,429	9.7%	\$	3,395,682	9.4%	\$	3,498,183	9.2%		
		•	.,,		\$	-		\$	•		\$	-			
Earnings b	efore Interest, Taxes, Deprin and Amort.	\$	380,373		\$	3,054,080		\$	3,954,616		\$	4,884,193			
								_				10.000			
	ntial Requirements	\$			\$	39,567		\$	41,162		\$ \$	42,823 820,000			
Interest		\$	58,612	0.2% 4.8%	\$	200,000 1,799,028		\$ \$	400,000 1,855,810		\$ \$	1,929,853			
Depreciation	n and Amortization	\$	1,440,409	4.8%	Þ	1,799,028		10	1,655,610		Φ	1,323,033			
		\$	(1,118,648)	-3.7%	\$	1,015,486		\$	1,657,644		\$	2,091,518			
		•	(1,110,010,0)			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,									
Other Oper	ating Revenue - Late Payment Charges	\$	251,251	0.8%	\$	169,289	0.5%	\$	179,840	0.5%	\$	190,771	0.5%		
								_				0.000.000			
		\$	(867,397)	-2.9%	\$	1,184,775		\$	1,837,484		\$	2,282,289			
		\$			\$	_		\$	_		\$	-			
Income Ta	kes	Φ	<del></del>		Φ			<u> </u>	*******		-				
Net Operat	ing Income (Loss)	\$	(867,397)	-2.9%	\$	1,184,775		\$	1,837,484		\$	2,282,289			
	,														
														4-4	Consumtio-
						V 4 DDD			Veer 2 DDD			Year 3 PBR		151	Generation PBR
	Statement of Cash Flows					Year 1 PBR			Year 2 PBR			1 Eat 2 LDL			L'617
Coch Brow	ded By ( Used For)														
Operati															
	Income (Loss)				\$	1,184,775		\$	1,837,484		\$	2,282,289		\$	5,304,548
	reciation and amortization				\$	1,799,028		\$	1,855,810		\$	1,929,853		\$	5,584,690
	Change in Working Capital				\$	(734,602)		\$	(397,463)		\$_	(411,784)		\$	(1,543,850)
					\$	2,249,200		\$	3,295,830		\$	3,800,358		\$	9,345,388

Statement of Cash Flows	Year 1 PBR	Year 2 PBR	Tear 3 PDR	EBD
Cash Provided By ( Used For) Operations Net Income (Loss) Depreciation and amortization Net Change in Working Capital	\$ 1,184,775 \$ 1,799,028 \$ (734,602)	\$ 1,837,484 \$ 1,855,810 \$ (397,463)	\$ 2,282,289 \$ 1,929,853 \$ (411,784)	\$ 5,304,548 \$ 5,584,690 \$ (1,543,850)
Eta anata a	\$ 2,249,200	\$ 3,295,830	\$ 3,800,358	\$ 9,345,388
Financing Development/Capital Contributions	\$ -	\$ - \$ -	\$ -	\$ - \$ -
Investing				
Capital Expenditures	\$ (2,376,599)	\$ (2,557,518)	\$ (2,817,106)	\$ (7,751,222)
	\$ (2,376,599)	\$ (2,557,518)	\$ (2,817,106)	\$ (7,751,222)
Net Change in Cash (Decrease)	\$ (127,399)	\$ 738,313	\$ 983,252	\$ 1,594,166
Opening Cash Position	\$ 2,430,000	\$ 5,032,850	\$ 5,771,163	\$ 2,430,000
Opening Development Charge Fund	\$ 780,000	\$ -	\$ -	\$ 780,000
Opening Trade Receivables (Net)	\$ 1,950,249	\$ -	\$ -	\$ 1,950,249
Closing Cash Position	\$ 5,032,850	\$ 5,771,163	\$ 6,754,415	\$ 6,754,415

# **Schedule D**

Halton Hills Hydro Inc. First Generation PBR (CURRENT 1999 Rates as the Base for Unbundling)

SCHEDULE 'D'

### EQUAL THREE-YEAR PHASE-IN OF RATE INCREASE

and Cash Flows TEMENT  50kW 50kW  50kW  50kW  50kW  Depr'n and Amort.	*****	13,263,310 2,620,553 13,888,399 185,242 29,957,504 11,205,543 2,252,628 12,833,394 150,203 26,441,768 2,057,767 367,925 1,055,005 35,039 3,515,736	100.0%	2,76 15,80 6 18 6 32,61 6 11,33 6 13,76 6 27,50 6 2,52 6 45 6 2,10 6 3 7	3,428 7,294 3,843 5,188 7,753 6,155 5,923 5,981 0,159	84.3%	Yes \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	33.33% 2ar 2 PBR 14,798,059 2,947,102 16,750,607 192,657 34,688,425  11,793,364 2,409,329 14,258,770 156,215 28,617,678  3,004,694 537,774 2,491,837 3,6442 6,070,747	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	33.33% Year 3 PBR 15,775,636 3,133,798 17,724,896 200,427 36,834,758 12,269,014 2,506,502 14,833,855 162,516 29,771,886 3,506,622 627,297 2,891,041 37,911 7,062,871	100.0% 80.8%
50kW 50kW 50kW 50kW	*****	13,263,310 2,620,553 13,888,399 185,242 29,957,504 11,205,543 2,252,628 12,833,394 150,203 26,441,768 2,057,767 36,925 1,055,005 35,039 3,515,736	88.3%	Year 1 PB  13,85  2,76  15,80  18  32,61  11,33  5 13,76  15,50  2,75  45  27,50  45  2,52  45  45  5 2,10  5 5,10	3 6,428 7,294 8,843 5,188 7,753 6,155 5,923 5,981 0,159 8,217 0,274 1,372 2,862 5,029 9,536	100.0%	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	14,798,059 2,947,102 16,750,607 192,857 34,688,425 11,793,384 2,409,329 14,258,770 156,215 28,617,678 3,004,694 537,774 2,491,837 36,442	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	15,775,636 3,133,798 17,724,896 200,427 36,834,758 12,269,014 2,506,502 14,833,855 162,516 29,771,886 3,506,622 627,297 2,891,041 37,911	
50kW 50kW 50kW meters	*****	13,263,310 2,620,553 13,888,399 185,242 29,957,504 11,205,543 2,252,628 12,833,394 150,203 26,441,768 2,057,767 36,925 1,055,005 35,039 3,515,736	88.3%	13,855 6 2,765 6 15,800 6 186 6 32,61 6 11,33 6 2,31 6 13,77 6 27,50 6 2,52 6 2,10 6 3,10	6,428 7,294 8,843 5,188 7,753 6,155 5,923 5,981 0,159 8,217 0,274 1,372 2,862 5,029 9,536	100.0%	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	14,798,059 2,947,102 16,750,607 192,857 34,688,425 11,793,384 2,409,329 14,258,770 156,215 28,617,678 3,004,694 537,774 2,491,837 36,442	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	15,775,636 3,133,798 17,724,896 200,427 36,834,758 12,269,014 2,506,502 14,833,855 162,516 29,771,886 3,506,622 627,297 2,891,041 37,911	
50kW 50kW 50kW meters	\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	2,620,553 13,888,399 185,242 29,957,504 11,205,543 2,252,628 12,833,394 150,203 26,441,768 2,057,767 367,925 1,055,005 35,039 3,515,736	88.3%	2,76 15,80 5 18 6 32,61 6 11,33 6 13,76 6 27,50 6 2,52 6 4,5 6 2,10 6 3 7 5,10	7,294 8,843 5,188 7,753 6,155 5,923 5,981 0,159 8,217 0,274 1,372 2,862 5,029 9,536	100.0%	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,947,102 16,750,607 192,657 34,688,425 11,793,364 2,409,329 14,258,770 156,215 28,617,678 3,004,694 537,774 2,491,837 36,442	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,133,798 17,724,896 200,427 36,834,758 12,269,014 2,506,502 14,833,855 162,516 29,771,886 3,506,622 627,297 2,891,041 37,911	
50kW 50kW 50kW meters	\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	2,620,553 13,888,399 185,242 29,957,504 11,205,543 2,252,628 12,833,394 150,203 26,441,768 2,057,767 367,925 1,055,005 35,039 3,515,736	88.3%	2,76 15,80 5 18 6 32,61 6 11,33 6 13,76 6 27,50 6 2,52 6 4,5 6 2,10 6 3 7 5,10	7,294 8,843 5,188 7,753 6,155 5,923 5,981 0,159 8,217 0,274 1,372 2,862 5,029 9,536	100.0%	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,947,102 16,750,607 192,657 34,688,425 11,793,364 2,409,329 14,258,770 156,215 28,617,678 3,004,694 537,774 2,491,837 36,442	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,133,798 17,724,896 200,427 36,834,758 12,269,014 2,506,502 14,833,855 162,516 29,771,886 3,506,622 627,297 2,891,041 37,911	
50kW 50kW 50kW meters	\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	13,888,399 185,242 29,957,504 11,205,543 2,252,628 12,833,394 150,203 26,441,768 2,057,767 35,005 35,039 3,515,736	100.0% \$ 88.3%	15,80 18 32,61 11,33 6 2,31 6 13,70 15 6 27,50 6 2,52 6 2,10 6 3 6 3 6 3 7 5 8 5 8 5 8 5 8 6 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7	5,188 7,753 6,155 5,923 5,981 0,159 8,217 0,274 1,372 2,862 5,029 9,536	100.0%	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	192,657 34,688,425 11,793,364 2,409,329 14,258,770 156,215 28,617,678 3,004,694 537,774 2,491,837 36,442	\$ 100.0% \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	200,427 36,834,758 12,269,014 2,506,502 14,833,855 162,516 29,771,886 3,506,622 627,297 2,891,041 37,911	
50kW 50kW 50kW 50kW	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	185,242 29,957,504 11,205,543 2,252,628 12,833,394 150,203 26,441,768 2,057,767 367,925 1,055,005 35,039 3,515,736	88.3%	18 18 32.61  11,33  2,31  13,70  27,50  2,52  44  2,10  5 2,52  5 5,10	7,753 6,155 5,923 5,981 0,159 8,217 0,274 1,372 2,862 5,029 9,536	84.3%	\$ \$ \$ \$ \$ \$ \$	34,688,425 11,793,364 2,409,329 14,258,770 156,215 28,617,678 3,004,694 537,774 2,491,837 36,442	100.0% \$ \$ \$ \$ \$ \$ \$ 82.5% \$	36,834,758  12,269,014 2,506,502 14,833,855 162,516 29,771,886  3,506,622 627,297 2,891,041 37,911	
50kW 50kW 50kW	\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	11,205,543 2,252,628 12,833,394 150,203 26,441,768 2,057,767 367,925 1,055,005 35,039 3,515,736	88.3%	5 11,33 6 2,33 6 13,70 6 15 6 27,50 6 2,52 6 45 6 2,10 6 3	6,155 5,923 5,981 0,159 8,217 0,274 1,372 2,862 5,029 9,536	84.3%	\$ \$ \$ \$ \$ \$ \$	11,793,364 2,409,329 14,258,770 156,215 28,617,678 3,004,694 537,774 2,491,837 36,442	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	12,269,014 2,506,502 14,833,855 162,516 29,771,886 3,506,622 627,297 2,891,041 37,911	
50kW 50kW 50kW	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,252,628 12,833,394 150,203 26,441,768 2,057,767 367,925 1,055,005 35,039 3,515,736	88.3%	3 2,31 3 13,70 5 15 5 27,50 6 2,52 6 45 6 2,10 6 3 6 5,10	5,923 5,981 0,159 8,217 0,274 1,372 2,862 5,029 9,536	84.3%	\$ \$ \$ \$ \$ \$	2,409,329 14,258,770 156,215 28,617,678 3,004,694 537,774 2,491,837 36,442	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,506,502 14,833,855 162,516 29,771,886 3,506,622 627,297 2,891,041 37,911	80.8%
50kW 50kW 50kW	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,252,628 12,833,394 150,203 26,441,768 2,057,767 367,925 1,055,005 35,039 3,515,736	88.3%	3 2,31 3 13,70 5 15 5 27,50 6 2,52 6 45 6 2,10 6 3 6 5,10	5,923 5,981 0,159 8,217 0,274 1,372 2,862 5,029 9,536	84.3%	\$ \$ \$ \$ \$ \$	2,409,329 14,258,770 156,215 28,617,678 3,004,694 537,774 2,491,837 36,442	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,506,502 14,833,855 162,516 29,771,886 3,506,622 627,297 2,891,041 37,911	80.8%
50kW 50kW 50kW	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,252,628 12,833,394 150,203 26,441,768 2,057,767 367,925 1,055,005 35,039 3,515,736	88.3%	3 2,31 3 13,70 5 15 5 27,50 6 2,52 6 45 6 2,10 6 3 6 5,10	5,923 5,981 0,159 8,217 0,274 1,372 2,862 5,029 9,536	84.3%	\$ \$ \$ \$ \$ \$	2,409,329 14,258,770 156,215 28,617,678 3,004,694 537,774 2,491,837 36,442	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,506,502 14,833,855 162,516 29,771,886 3,506,622 627,297 2,891,041 37,911	80.8%
50kW 50kW 50kW	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	12,833,394 150,203 26,441,768 2,057,767 367,925 1,055,005 35,039 3,515,736	88.3%	3,70 5 15 6 27,50 6 2,52 6 45 6 2,10 6 3 6 5,10	5,981 0,159 8,217 0,274 1,372 2,862 5,029 9,536	84.3%	\$ \$ \$ \$ \$	14,258,770 156,215 28,617,678 3,004,694 537,774 2,491,837 36,442	\$ 82.5% \$ \$ \$ \$ \$ \$ \$ \$ \$	162,516 29,771,886 3,506,622 627,297 2,891,041 37,911	80.8%
50kW 50kW meters	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	150,203 26,441,768 2,057,767 367,925 1,055,005 35,039 3,515,736	88.3%	27,50 2,52 45 2,10 3 5,10	8,217 0,274 1,372 2,862 5,029 9,536	84.3%	\$ \$ \$ \$ \$	28,617,678 3,004,694 537,774 2,491,837 36,442	82.5% \$ \$ \$ \$ \$	29,771,886 3,506,622 627,297 2,891,041 37,911	80.8%
meters ons	\$ \$ \$ \$ \$ \$ \$ \$ \$	26,441,768 2,057,767 367,925 1,055,005 35,039 3,515,736	88.3%	27,50 2,52 45 2,10 3 5,10	8,217 0,274 1,372 2,862 5,029 9,536		\$ \$ \$	28,617,678 3,004,694 537,774 2,491,837 36,442	\$ \$ \$ \$	3,506,622 627,297 2,891,041 37,911	80.8%
meters ons	\$ \$ \$ \$ \$ \$	367,925 1,055,005 35,039 3,515,736	11.7%	5 45 5 2,10 5 5,10	1,372 2,862 5,029 9,536		\$ \$ \$	537,774 2,491,837 36,442	\$ \$ \$	627,297 2,891,041 37,911	
meters ons	\$ \$ \$ \$ \$ \$	367,925 1,055,005 35,039 3,515,736	11.7%	5 45 5 2,10 5 5,10	1,372 2,862 5,029 9,536		\$ \$ \$	537,774 2,491,837 36,442	\$ \$ \$	627,297 2,891,041 37,911	
meters ons	\$ \$ \$ \$ \$ \$	1,055,005 35,039 3,515,736 - 120,904	11.7%	2,10 5 3 5,10	2,862 5,029 9,536	15.7%	\$ \$	2,491,837 36,442	\$ \$	2,891,041 37,911	
meters ons	\$ \$ \$ \$ \$ \$	35,039 3,515,736 - 120,904	11.7%	5,10	5,029 9,536	15.7%	\$	36,442	\$	37,911	
meters ons	\$ \$ \$ \$ \$ \$	35,039 3,515,736 - 120,904	11.7%	5,10	9,536	15.7%	<u> </u>				
meters ons	\$ \$ \$ \$ \$	120,904	:			15.7%	•	6.070,747	17.5% \$	7,062,871	
meters ons	\$ \$ \$ \$			\$	-		P				19.2%
meters ons	\$ \$ \$		,				\$	-	\$	-	
meters ons	\$ \$ \$										
meters ons	\$ \$ \$	695.549		5 14	7,484		\$	151,664	\$	155,935	
ons	\$ \$			84	8,461		\$	872,507	\$	897,079	
ons	\$	222,592	:	5 27	1,527		\$	279,223	\$	287,086	
		872,165		84	3,723		\$	870,489	\$	897,862	
		1,106,803		1,07	0,710		\$	1,104,676	\$	1,139,413	
	\$	117,350		1	3,523		\$	117,124	\$	120,808	
Depr'n and Amort.	\$	-		5	-		\$	-	\$	-	
Deprin and Amort.	\$	3,135,363	10.5%		5,429	10.1%		3,395,682	9.8% \$	3,498,183	9.5%
	\$	380,373			- 4,107		\$	2,675,064	\$	3,564,689	
	•				0 567		¢	41 162	•	42 823	
		58 612									
									\$		
·····											
	\$	(1,118,648)	-3.7%	\$ (22	4,487)		\$	378,092	\$	112,014	
Payment Charges	\$	251,251	0.8%	\$ <u>1</u> 0	3,089	0.5%	\$	173,442	0.5% \$	184,174	0.5%
	\$	(867,397)	-2.9%	\$ (6	1,399)		\$	551,534	\$	956,187	
	\$			\$			\$	-	\$	-	
			-29%	\$ (	1.399)		\$	551,534	\$	956,187	
F		pepr'n and Amort. \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	\$ 380,373 \$ 58,612 \$ 1,440,409 \$ (1,118,648) Payment Charges \$ 251,251 \$ (867,397)	\$ 380,373 \$ 5 \$ 58,612 0.2% \$ 1,440,409 4.8% \$ (1,118,648) -3.7% \$ 29yment Charges \$ 251,251 0.8% \$ (867,397) -2.9%	Peprin and Amort. \$ 380,373 \$ 1.81  \$ - \$ 3 \$ 58,612 0.2% \$ 20 \$ 1,440,409 4.8% \$ 1.79  \$ (1,118,648) -3.7% \$ (22  Payment Charges \$ 251,251 0.8% \$ 16  \$ (867,397) -2.9% \$ (6	Peprin and Amort. \$ 380,373 \$ 1.814,107 \$ 39,567 \$ 39,567 \$ 200,000 \$ 1,440,409 \$ 4.8% \$ 1,799,028 \$ 201,118,648) -3.7% \$ (224,487) \$ 29yment Charges \$ 251,251 0.8% \$ 163,089 \$ (867,397) -2.9% \$ (61,399) \$ 5 - \$ 5 -	Peprin and Amort. \$ 380,373 \$ 1,814,107 \$ 39,567 \$ 39,567 \$ 200,000 \$ 1,440,409 4.8% \$ 1,799,028 \$ (1,118,648) -3.7% \$ (224,487) \$ 29yment Charges \$ 251,251 0.8% \$ 163,089 0.5% \$ (867,397) -2.9% \$ (61,399) \$ - \$ \$ .	Peprin and Amort. \$ 380,373 \$ 1,814,107 \$ \$ \$ \$ \$ 39,567 \$ \$ 39,567 \$ \$ 200,000 \$ \$ 1,440,409 \$ 4.8% \$ 1,799,028 \$ \$ \$ \$ (1,118,648) \$ -3.7% \$ (224,487) \$ \$ Payment Charges \$ 251,251 0.8% \$ 163,089 0.5% \$ \$ \$ (867,397) \$ -2.9% \$ (61,399) \$ \$ \$ \$ \$ \$ \$ \$ \$	Peprin and Amort. \$ 380,373 \$ 1.814,107 \$ 2.675,064 \$ 2.675,064 \$ 39,567 \$ 41,162 \$ 58,612 0.2% \$ 200,000 \$ 400,000 \$ 1,440,409 4.8% \$ 1,799,028 \$ 1,855,810 \$ (1,118,648) -3.7% \$ (224,487) \$ 378,092 \$ 29yment Charges \$ 251,251 0.8% \$ 163,089 0.5% \$ 173,442 \$ (867,397) -2.9% \$ (61,399) \$ 551,534 \$ - \$ \$ . \$ . \$ . \$ .	Peprin and Amort. \$ 380,373 \$ 1,814,107 \$ 2,675,064 \$ \$ \$ \$ 1,814,107 \$ 2,675,064 \$ \$ \$ \$ \$ 39,567 \$ 41,162 \$ \$ 58,612 0.2% \$ 200,000 \$ 400,000 \$ \$ 1,440,409 4.8% \$ 1,799,028 \$ 1,855,810 \$ \$ \$ (1,118,648) -3.7% \$ (224,487) \$ 378,092 \$ \$ 29yment Charges \$ 251,251 0.8% \$ 163,089 0.5% \$ 173,442 0.5% \$ \$ \$ (867,397) -2.9% \$ (61,399) \$ 551,534 \$ \$ \$ \$ . \$ . \$ \$ . \$ \$ . \$ \$ . \$ \$ . \$ \$ . \$ \$ . \$ \$ . \$ \$ . \$ \$ . \$ \$ . \$ . \$ \$ . \$ \$ . \$ \$ . \$ \$ . \$ \$ . \$ \$ . \$ \$ . \$ \$ . \$ \$ . \$ \$ . \$ . \$ \$ . \$ \$ . \$ \$ . \$ \$ . \$ \$ . \$ \$ . \$ \$ . \$ \$ . \$ \$ . \$ \$ . \$ . \$ \$ . \$ \$ . \$ \$ . \$ \$ . \$ \$ . \$ \$ . \$ \$ . \$ \$ . \$ \$ . \$ \$ . \$ . \$ \$ . \$ \$ . \$ \$ . \$ \$ . \$ \$ . \$ \$ . \$ \$ . \$ \$ . \$ \$ . \$ \$ . \$ . \$ \$ . \$ \$ . \$ \$ . \$ \$ . \$ \$ . \$ \$ . \$ \$ . \$ \$ . \$ \$ . \$ \$ . \$ .	Peprin and Amort. \$ 380,373 \$ 1.814,107 \$ 2,675,064 \$ 3,564,689 \$ 3,564,689 \$ \$ 3,564,

Statement of Cash Flows	Year 1 PBR	Year 2 PBR	Year 3 PBR	1st Generation <u>PBR</u>		
Cash Provided By ( Used For)						
Operations						
Net Income (Loss)	\$ (61,399)	\$ 551,534	\$ 956,187	<b>\$</b> 1,446,323		
Depreciation and amortization	\$ 1,799,028	\$ 1,855,810	\$ 1,929,853	\$ 5,584,690		
Net Change in Working Capital	\$ (501,055)	\$ (390,009)	\$ (404,259)	\$ (1,295,322)		
	\$ 1,236,574	\$ 2,017,335	\$ 2,481,781	\$ 5,735,690		
Financing						
Development/Capital Contributions	\$ -	\$	\$ -	\$		
, ,	\$ -	\$	\$ -	\$ -		
Investing Capital Expenditures	\$ (2,376,599) \$ (2,376,599)	\$ (2,557,518) \$ (2,557,518)	\$ (2,817,106) \$ (2,817,106)	\$ (7,751,222) \$ (7,751,222)		
	(2,510,555)	(2,00.,0.0)	(=)			
Net Change in Cash (Decrease)	\$ (1,140,025)	\$ (540,182)	\$ (335,325)	\$ (2,015,532)		
Opening Cash Position	\$ 2,430,000	\$ 4,020,224	\$ 3,480,042	\$ 2,430,000		
Opening Development Charge Fund	\$ 780,000	\$ -	\$ -	\$ 780,000		
Opening Trade Receivables (Net)	\$ 1,950,249	\$ -	\$ -	\$ 1,950,249		
Closing Cash Position	\$ 4,020,224	\$ 3,480,042	\$ 3,144,717	\$ 3,144,717		

Halton Hills Hydro Inc. First Generation PBR (Current 1999 Rates as the Base for Unbundling AND Skewing) Proforma Statements and Cash Flows

### SCHEDULE 'D'

### SKEWED PHASE-IN OF RATE IINCREASE

INCOME STATEMENT					50.00%			25.00%			25.00%			
					-Jan-2001			V 0 DDD			Year 3 PBR			
Revenues	(19	999 Historical)		Ϋ́	ear 1 PBR			Year 2 PBR			Teal 3 PBK			
Residential	\$	13,263,310	:	\$	14,070,720	5	\$	14,907,231		5	15,775,636			
General Service < 50kW	\$	2,620,553	;	\$	2,805,497		\$	2,966,565		5	3,133,798			
General Service > 50kW	\$	13,888,399		\$	15,986,516		\$	16,840,655		5	17,724,896			
Streetlighting	\$	185,242		\$	185,188		\$	192,657		\$	200,427			
	\$	29,957,504	100.0%	\$	33,047,921	100.0%	\$	34,907,108	100.0%	\$	36,834,758	100.0%		
Cost of Power														
Residential	\$	11,205,543	:	\$	11,336,155	:	\$	11,793,364		\$	12,269,014			
General Service < 50kW	\$	2,252,628		\$	2,315,923		\$	2,409,329		\$	2,506,502			
General Service > 50kW	\$	12,833,394		\$	13,705,981		\$	14,258,770		\$	14,833,855			
Streetlighting	\$	150,203		\$	150,159		\$	156,215	82.0%	\$	162,516 29,771,886	80.8%		
	\$	26,441,768	88.3%	\$	27,508,217	83.2%	\$	28,617,678	82.0%	Þ	29,771,000	80.0%		
Distribution Revenue														
Residential	\$	2,057,767		\$	2,734,566		\$	3,113,867		\$	3,506,622			
General Service < 50kW	\$	367,925		\$	489,574		\$	557,236		\$	627,297			
General Service > 50kW	\$	1,055,005		\$	2,280,535		\$	2,581,885		\$	2,891,041			
Streetlighting	\$	35,039		<u>\$</u>	35,029		<u>\$</u> \$	36,442 6,289,430		\$ \$	7,062,871	19.2%		
	\$ \$	3,515,736		\$ \$	5,539,704		Ф \$	6,269,430		\$	7,002,671	13.276		
	•			•										
Operating Expenses				_				454.004		<b>.</b>	155,935			
Substations	\$	120,904		\$	147,484		\$ \$	151,664 872,507		\$ \$	897,079			
Lines and feeders	\$	695,549 222,592		\$ \$	848,461 271,527		ֆ \$	279,223		Ф \$	287,086			
Transformers and meters	\$ \$	222,592 872,165		ֆ \$	843,723		\$ \$	870,489		\$	897,862			
Billing and collections Administration	\$	1,106,803		\$	1,070,710		\$	1,104,676		\$	1,139,413			
Customer Service	\$	117,350		\$	113,523		\$	117,124		\$	120,808			
Customer Service	\$	-		\$	-		\$	•		\$	<u>-</u>			
	\$	3,135,363		\$	3,295,429		\$	3,395,682		\$	3,498,183	9.5%		
Earnings before Interest, Taxes, Depr'n and Amort.	\$	380,373		\$ \$	2,244,275		\$ \$	2,893,747		\$ \$	3,564,689			
				_			•	44.400		\$	40.000			
IMO Prudential Requirements	\$	E0 640		\$	39,567		\$ \$	41,162 400,000		э \$	42,823 820,000			
Interest	\$ \$	58,612 1,440,409	0.2% 4.8%	\$	200,000 1,799,028		\$	1,855,810		\$	1,929,853			
Depreciation and Amortization	<u> </u>	1,440,409	4.076	ð.	1,799,020		Ψ	1,033,010		<u> </u>	1,020,000			
	\$	(1,118,648)	-3.7%	\$	205,681		\$	596,775		\$	772,014			
Other Operating Revenue - Late Payment Charges	\$	251,251	0.8%	\$	165,240	0.5%	\$	174,536	0.5%	\$	184,174	0.5%		
	\$	(867,397)	-2.9%	\$	370,920		\$	771,310		\$	956,187			
Income Taxes	\$	-		\$	-		\$			\$	-			
Net Operating Income (Loss)	\$	(867,397)	-2.9%	\$	370,920		\$	771,310		\$	956,187			
Statement of Cash Flows					Year 1 PBR			Year 2 PBR			Year 3 PBR	•	1st Ger <u>Pt</u>	eration BR
Cash Provided By ( Used For) Operations Net Income (Loss) Depreciation and amortization Net Change in Working Capital				\$ \$ \$	370,920 1,799,028 (582,076) 1,587,871		\$ \$ \$	771,310 1,855,810 (350,176) 2,276,945	· -	\$ \$ \$	956,187 1,929,853 (363,070) 2,522,969	<u>.</u>	\$ 5, \$ (1,	098,418 584,690 295,322) 387,786

Statement of Cash Flows	7	Year 1 PBR			Y	ear 3 PBR		PBR
Cash Provided By ( Used For)								
Operations							_	
Net Income (Loss)	\$	370,920	\$	771,310	\$	956,187	\$	2,098,418
Depreciation and amortization	\$	1,799,028	\$	1,855,810	\$	1,929,853	\$	5,584,690
Net Change in Working Capital	\$	(582,076)	\$	(350,176)	_\$	(363,070)	\$	(1,295,322)
	\$	1,587,871	\$	2,276,945	_\$	2,522,969	_\$	6,387,786
Financing								
Development/Capital Contribution	_\$	-	\$	<u></u>	\$	-	\$	
	\$	•	\$	-	_\$	<u> </u>	_\$	-
la castia a								
Investing Capital Expenditures	\$	(2,376,599)	\$	(2,557,518)	\$	(2,817,106)	\$	(7,751,222)
								- AVEILED
	\$	(2,376,599)	\$	(2,557,518)	\$	(2,817,106)	<u> </u>	(7,751,222)
Net Change in Cash (Decrease)	\$	(788,727)	\$	(280,573)	\$	(294,136)	\$	(1,363,437)
Opening Cash Position	s	2,430,000	\$	4,371,522	\$	4,090,949	\$	2,430,000
Opening Cash Fostion Opening Development Charge Fund	Š	780,000	\$	•	\$	· · · · ·	s	780,000
Opening Trade Receivables (Net)	\$	1,950,249	\$	-	\$	-	\$	1,950,249
Clasica Cook Resition	<u> </u>	4,371,522	-5	4,090,949	-\$	3,796,812	-\$	3,796,812
Closing Cash Position	Ψ	7,577,022		.,000,010		-,		

# Schedule E

Halton Hills Hydro Inc.

January 1, 2001

22-Nov-00

SHEET 16 - RATE SCHEDULE WITH MARKET ADJUSTED RATE OF RETURN

### SCHEDULE 'E'

DATE:

11/23/2000 11:57

### RATE SCHEDULE

NAME OF UTILITY LICENCE NUMBER ED - 1999 - 0290 DATE VERSION NUMBER FINAL

NAME OF CONTACT David J. Smelsky, CMA PHONE NUMBER (519) 853-3700 ext. 225

EFFECTIVE DATE:

### DEFINITIONS: TIME PERIODS FOR TIME OF USE (EASTERN

STANDARD TIME)

WINTER: ALL HOURS, OCTOBER 1 THROUGH MARCH 31 SUMMER: ALL HOURS, APRIL 1 THROUGH SEPTEMBER 30 PEAK: 0700 TO 2300 HOURS (LOCAL TIME) MONDAY TO FRIDAY, EXCEPT FOR PUBLIC HOLIDAYS, INCLUING NEW YEAR'S DAY, GOOD FRIDAY, VICTORIA DAY,CANADA DAY,CIVIC HOLIDAY (AS IN TORONTO),LABOUR DAY, THANKSGIVING DAY, CHRISTMAS AND BOXING DAY.

OFF-PEAK: ALL OTHER HOURS

RESIDENTIAL  DISTRIBUTION KWH RATE  MONTHLY SERVICE CHARGE (PER CUSTOME)  COST OF POWER KWH RATE	Variable Fixed (monthly) ₹)	RATE: No MA (S	RMALIZED S Unbundled RR, No Taxes theet #5) 42.93% 57.07% 0.0062 7.4915 0.0684 RMALIZED S Unbundled RR, No Taxes	JANL 20C MARR Equal 3 4 6 \$ \$ \$ \$ EFF JANI 20C MARR	ECTIVE JARY 01, 11 With NO PIL'S Phase-In 3.4% 0.0% 0.0067 9.16 0.0684 ECTIVE JARY 01, 11 With N. NO PIL'S I Phase-In N. NO PIL'S I Phase-In I With I Phase-In I Phas	S \$ \$ Priot Opening	To Market y With MARR, O PIL'S I Phase-In 33.3% 40.0% 60.0077 10.44 0.0684  To Market y With MARR, OP IL'S I Phase-In	Prior To Market Opening With MARR, NO PIL'S Equal Phase-In 33.3% 40.0% 60.0% \$0.0086 \$11.72 \$0.0684  Prior To Market Opening With MARR, NO PIL'S	Full Affect of PHASE-In Rate of Return (NO PIL'S) 40 0% 60.0% \$0.0086 \$11.72 \$0.0684
RESIDENTIAL (TIME OF USE)		(Sheet #5)		33.4%		33.3%		Equal Phase-In 33.3%	PIL'S)
	Variable	42.93%		40.0%		40.0%		40.0%	40.0%
	Fixed (monthly)	57.07% 60.0%		0.0%	60.0%		60.0%	60.0%	
DISTRIBUTION KWH RATE		\$	0.0062	\$	0.0067	\$	0.0077	\$0.0086	\$0.0086
MONTHLY SERVICE CHARGE (PER CUSTOME	R)	\$	7.4915	\$	9.16	\$	10.44	\$11.72	\$11.72
COST OF POWER TIME OF USE RATES (will be replaced with retail settlement code or Standard Service Supp				WIN	TER PEAK	,	WINTER OFF- PEAK	SUMMER PEAK	SUMMER OFF- PEAK
when market opens)					\$/KWH \$0.1174		\$/KWH \$0.0352	\$/KWH \$0.0909	\$/KWH \$0.0242
GENERAL SERVICE < 50 KW Variable Fixed (monthly)				EFFECTIVE JANUARY 01, 2001 With MARR, NO PIL'S Equal Phase-In 33.4% 40.0% 60.0%		Prior To Market Opening With MARR, NO PIL'S Equal Phase-In 33.3% 40.0% 60.0%		Prior To Market Opening With MARR, NO PIL'S Equal Phase-in 33.3% 40.0% 60.0%	Full Affect of PHASE-In Rate of Return (NO PIL'S) 40.0% 50.0%
DISTRIBUTION KWH RATE		\$	0.0056	\$	0.0061	\$	0.0070	\$0.0078	\$0.0078
MONTHLY SERVICE CHARGE (PER CUSTOMER)		\$	16.3932	\$	20.04	\$	22.85	\$25.66	\$25.66
COST OF POWER KWH RATE		\$	0.0673	\$	0.0673	\$	0.0673	\$0.0673	\$0.0673
GENERAL SERVICE < 50 KW (TIME OF USE) Variable Fixed (monthly		•		EFFECTIVE JANUARY 01, 2001 With MARR, NO PIL'S Equal Phase-In 33.4% 40.0% 60.0%		Prior To Market Opening With MARR, NO PIL'S Equal Phase-In 33.3% 40.0% 60.0%		Prior To Market Opening With MARR, NO PIL'S Equal Phase-In 33.3% 40.0% 60.0%	Full Affect of PHASE-In Rate of Return (NO PIL'S) 40.0%
DISTRIBUTION KWH RATE		\$	0.0056	\$	0.0061	\$	0.0070	\$0.0078	\$0.0078
MONTHLY SERVICE CHARGE (PER CUSTOMER)		\$	16.3932	\$	20.04	\$	22.85	\$25.66	\$25.66
COST OF POWER TIME OF USE RATES				Wil	NTER PEAK		WINTER OFF-	SUMMER PEAK	SUMMER OFF-

(will be replaced with retail settlement code or Standard Service Supply when market opens)

\$/KWH \$0.1071 PEAK \$/KWH \$0.0352

\$/KWH \$0.0883 PEAK \$/KWH \$0.0242

GENERAL SERVICE > 50 KW (NON TIME OF USE) Variable Fixed (monthly)	RATES No MAR (Sh	MALIZED Unbundled R, No Taxes leet #5) 2.93% 7.07%	JANI 200 MARR Equa 3	JARY 01, 01 With t, NO PIL'S I Phase-In 13,4%	Opening NC Equal 3	To Market With MARR, D PIL'S D Phase-In 13.3% 0.0%	Prior To Market Opening With MARR, NO PIL'S Equal Phase-In 33.3% 40.0% 60.0%	Full Affect of PHASE-In Rate of Return (NO PIL'S) 40.0% 60.0%	
DISTRIBUTION KW RATE	\$	1.2246	\$	1.3270	\$	1.5129	\$1.6987	\$1.6987	
MONTHLY SERVICE CHARGE	\$	416.8687	\$	509.65	\$	581.03	\$652.41	\$652.41	
COST OF POWER KW RATE	\$	6.7272	\$	6.7272	s	6.7272	\$6.7272	\$6.7272	
COST OF POWER KWH RATE	\$	0.0450	\$	0.0450	\$	0.0450	\$0.0450	\$0.0450	
GENERAL SERVICE > 50 KW (TIME OF USE) Variable Fixed (monthly)	RATES No MAR (SI	MALIZED Unbundled RR, No Taxes heet #5) 12.93%	JAN 20 MARF Equa	FECTIVE UARY 01, 01 With R, NO PIL'S al Phase-In 33.4% 40.0% 60.0%	Opening No Equa 3	To Market y With MARR, O PIL'S il Phase-In 33.3% 40.0% 50.0%	Prior To Market Opening With MARR, NO PL'S Equal Phase-In 33 3% 40.0% 60.0%	Full Affect of PHASE-In Rate of Return (NO PIL'S) 40.0% 60.0%	
DISTRIBUTION KW RATE	\$	1.2246	s	1.3270	\$	1.5129	\$1.6987	\$1.6987	
	\$	416.8687	\$	509.65	\$	581.03	\$652.41	\$652.41	
MONTHLY SERVICE CHARGE (PER CUSTOMER)  COST OF POWER TIME OF USE RATES	a a	470.0001	-	ITER PEAK		IMMER PEAK	WINTER PEAK	WINTER OFF-	SUMMER PEAK SUMMER OFF-
(will be replaced with retail settlement code or Standard Service Suppl when market opens)	у			\$/KW		\$/KW	\$/KWH	PEAK \$/KWH	PEAK \$/KWH \$/KWH
when market opensy				\$9.1110		\$6.9427	\$0.0634	\$0.0349	\$0.0523 \$0.0239
GENERAL SERVICE INTERMEDIATE USE  DISTRIBUTION KW RATE  MONTHLY SERVICE CHARGE (PER CUSTOMER)  COST OF POWER TIME OF USE RATES  (will be replaced with retail settlement code or Standard Service Supp when market opens)	RATES No MAI (S CURRE	RMALIZED 5 Unbundled RR, No Taxes heet #5) ENTLY NO CUST	JAN 20 MARI Equi	FECTIVE IUARY 01, J01 With R, NO PIL'S al Phase-In 33.4% N THIS CLASS	Opening N Equa	To Market g With MARR, O PIL'S al Phase-In 33.3%	Prior To Market Opening With MARR, NO PIL'S Equal Phase-In 33.3%	Full Affect of PHASE-In Rate of Return (NO PIL'S)	
LARGE USE  DISTRIBUTION KW RATE  MONTHLY SERVICE CHARGE (PER CUSTOMER)  COST OF POWER TIME OF USE RATES  (will be replaced with retail settlement code or Standard Service Supp	RATE: No MA (S	RMALIZED S Unbundled RR, No Taxes sheet #5) ENTLY NO CUST	JAN 20 MAR Equ	FFECTIVE NUARY 01, 001 With R. NO PIL'S all Phase-In 33.4%	Openin N Equ	r To Market g With MARR, IO PIL'S al Phase-In 33.3%	Prior To Market Opening With MARR, NO PIL'S Equal Phase-In 33.3%	Full Affect of PHASE-In Rate of Return (NO PIL'S)	
when market opens)	NO! RATE	RMALIZED S Unbundled	JAI 2 MAR	FFECTIVE NUARY 01, 001 With RR, NO PIL'S	Openir N	or To Market ng With MARR, NO PIL'S nal Phase-In	Prior To Market Opening With MARR, NO PIL'S	Full Affect of PHASE-In Rate of	
SENTINEL LIGHTS (NON TIME OF USE)		RR, No Taxes Sheet #5)	Equ	ıal Phase-In 33.4%	Equ	33.3%	Equal Phase-In 33.3%	Return	
DISTRIBUTION KW RATE	\$	2.9478	\$	3.1943	\$	3.6417	\$4.0890	\$4.0890	
MONTHLY SERVICE CHARGE (PER CONNECTION)	\$	0.8165	\$	1.00	\$	1.14	\$1.28	\$1.28	
COST OF POWER KW RATE	\$	20.6131	\$	20.6131	\$	20.61	\$20.6131	\$20.6131	
OR									
SENTINEL LIGHTS (TIME OF USE)	RATE No MA	RMALIZED S Unbundled kRR, No Taxes Sheet #5)	JA 2 MAF	FFECTIVE NUARY 01, 2001 With RR, NO PIL'S ual Phase-In 33,4%	Openir	or To Market ng With MARR, NO PIL'S ual Phase-In 33.3%	Prior To Market Opening With MARR, NO PIL'S Equal Phase-In 33.3%	Full Affect of PHASE-In Rate of Return (NO PIL'S)	

DISTRIBUTION KW RATE

MONTHLY SERVICE CHARGE (PER CONNECTION)

COST OF POWER TIME OF USE RATES
(will be replaced with retail settlement code or Standard Service Supply when market opens)

STREET LIGHTING (NON TIME OF USE)	RATES No MAI	NORMALIZED RATES Unbundled No MARR, No Taxes (Sheet #5)		FECTIVE NUARY 01, 001 With R, NO PIL'S al Phase-In 33.4%	Openin N	r To Market g With MARR, IO PIL'S al Phase-In 33.3%	Prior To Market Opening With MARR, NO PIL'S Equal Phase-In 33.3%	Full Affect of PHASE-In Rate of Return (NO PIL'S)
DISTRIBUTION KW RATE	\$	1.8779	\$	2.0349	\$	2.3199	\$2.6050	\$2.6050
MONTHLY SERVICE CHARGE (PER CONNECTION)	\$	0.3478	\$	0.43	\$	0.48	\$0.54	\$0.54
COST OF POWER KW RATE	\$	20.6054	\$	20.6054	\$	20.61	\$20.6054	\$20.6054
OR								
STREET LIGHTING (TIME OF USE)	RATE:	RMALIZED S Unbundled RR, No Taxes iheet #5)	JAI 21 MAR	FFECTIVE NUARY 01, 001 With RR, NO PIL'S pal Phase-In 33.4%	Openir I	r To Market ng With MARR, NO PIL'S nal Phase-In 33,3%	Prior To Market Opening With MARR, NO PIL'S Equal Phase-In 33.3%	Full Affect of PHASE-In Rate of Return (NO PIL'S)

DISTRIBUTION KW RATE

MONTHLY SERVICE CHARGE (PER CONNECTION)

COST OF POWER TIME OF USE RATES
(will be replaced with retail settlement code or Standard Service Supply when market opens)

# MISCELLANEOUS CHARGES

PLEASE ADD ANY MISCELLANEOUS CHARGES BELOW.		Effective uary 1, 2001	1999	and 2000
ACCOUNT SETUP CHARGE	\$	10.00	\$	10.00
ARREARS CERTIFICATE	\$	10.50	\$	10.50
COLLECTION OF ACCOUNT CHARGE	\$	7.00	\$	7.00
DISPUTE METER TEST	\$	10.00	\$	10.00
LATE PAYMENT		N/A		5%
INTEREST RATE		1.50% per month, 18.00% per annum		
MONTHLY TIME OF USE METERING CHARGE	\$	20.00	\$	
RECONNECTION - At meter	\$	20.00	\$	14.00
RECONNECTION - At pole	\$	50.00	\$	17.25
RECONNECTION AFTER REGULAR WORKING HOURS	\$	95.00	\$	50.00
RETURNED CHEOUE CHARGE - PLUS BANK CHARGE	\$	10.50	\$	10.50
TRANSFORMER OWNERSHIP ALLOWANCE (per kW of billing demand)	\$	0.50	\$	0.50
TEMPORARY SERVICE: OVERHEAD SINGLE PHASE SINGLE PHASE WITH SECONDARY VOLTAGE UNDERGROUND	5 5 5	210.00 300.00 130.00 120.00	\$ \$ \$	•

Schedule F

### Halton Hills Hydro Inc. Impact of MOVING to Normalized Rate BEFORE PBR

111111111111111111111111111111111111111								110.	PACT
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	FIRST 250 KWH BALANCE TOTAL	250 750 1000	CURRENT 19 0.1130 \$ 0.0705 \$	28.25 52.88 81.13	250 \$ 750 <b>\$</b> 1000	0.1130 \$ 28.25 0.0730 \$ 54.75 \$ 83.00	- =		2.31%
General Service General Service < 50kW Assuming kW	17680 28.8	Prm Mtrg Reg 17680 28.8	Mtrg 17680 28.8		kWh kW	Prm Mtrg 17680 1768 28.8 28.			
First Block Second Block Balance	0.1130 0.0756 0.0555	250 12250 5180	\$ \$ \$	28.25 926.10 287.49	First Block Second Block Balance	0.1130 25 0.0780 1225 0.0571 518	\$	28.25 955.50 <b>2</b> 95.78	
Demand First Block Balance		50 0	\$ \$ <u>\$</u>	1,241.84	Demand First Block \$ Balance \$	- 5:30	\$ \$ \$	1,279.53	3.03%
General Service General Service >50kW Non TOU Assuming kW	1497 <b>6</b> 0 792	Prm Mtrg Reg 146760 792	Mtrg 149760 792		kWh kW	Prm Mtrg 149760 14676 792 79			
First Block Second Block Balance	0.1130 0.0756 0.0555	250 12250 137260	\$ \$ \$	28.25 926.10 7,617.93	First Elizabi Second Elizabi Balurabi	は計算 25 加炉配 1225 加炉配 13726	0 \$	28.25 955.50 7,837.55	
Demand First Block Balance		50 742	\$ \$	3,710.00	Demand First Block \$ Balance \$	CONTRACTOR OF THE CONTRACTOR O	0 \$ 2 \$	3,932.60	3.84%
Time of Use >50kW Actual Customer Winter Bill		KW RATE \$/KW		12,282.28 HARGE		RATE \$/KW	<del></del>	12,753.90 ARGE	3.84 %
	WINTER FIRST 50 KW WINTER SECOND	50	0.0000 \$	-	WINTER FIRST 50 KW WINTER SECOND	50 0.00		-	
	BLOCK WINTER BALANCE BLOCK	1227.1	0.0000 \$ 5.3000 \$	6,503.63	BLOCK WINTER BALANCE BLOCK	0:00 1227.1 5;51 1277.1 \$/KWH	Y S	6,763.78	
	WINTER PEAK FIRST BLOCK	1277.1 \$/KWF 250	0.1580 \$	39.50	WINTER PEAK FIRST BLOCK	250 0.15	80 <b>\$</b>	39.50	
	WINTER PEAK NEXT BLOCK	6625	0.1238 \$	820.18	WINTER PEAK NEXT BLOCK	6625 0.12	38 \$	852.98	
	WINTER PEAK NEXT BLOCK	0	0.0851 \$	_	WINTER PEAK NEXT BLOCK	0.08	35 \$	-	
	WINTER BALANCE	-			WINTER BALANCE	+2-4			
	BLOCK	85533.58	0.0851 \$	7,278.91	BLOCK WINTER OFF	85533.58 0.08	35 <b>\$</b>	7,570.06	
	WINTER OFF PEAK ALL	292446.99	0.0345 \$	10,089.42	PEAK ALL	292446.99 0.03	59 \$	10,493.00	
	TOTAL	384855.57	\$	24,731.63	TOTAL	384855.57	\$	25,719.32	4.0%
Time of Use >50kW	r N	KW RATE		HARGE		RATE \$/KW	Ch \$	HARGE	
Actual Customer Summer Bill	Summer FIRST 50 KW Summer	50	0.0000 \$	-	Summer FIRST 50 KW Summer	50 0.00	00 \$	-	
	SECOND BLOCK Summer		0.0000 \$	-	SECOND BLOCK Summer BALANCE	0.04	00 \$	-	
	BALANCE BLOCK	813.379 863.379 <b>\$</b> /KW	4.1500 <b>\$</b> H	3,375.52	BLOCK	813.379 \$/KWH	one;cc5	3,510.54	
	Summer PEAK FIRST BLOCK	250	0.1363 \$	34.08	Summer PEAK FIRST BLOCK	250 0.1	800	34.08	
	Summer PEAK NEXT BLOCK	6625	0.1006 \$	666.48	Summer PEAK NEXT BLOCK	6625 0.1	46 \$	693.13	
	Summer PEAK NEXT BLOCK	0	0.0704 \$	-	Summer PEAK NEXT BLOCK	o <b>.0</b> ,0	32 \$	•	
	Summer BALANCE				Summer BALANCE	044-100	na -	2.200.40	
	BLOCK Summer OFF	31174.66	0.0704 \$		BLOCK Summer OFF	31174.66 0.0		2,282.48	
	PEAK ALL	117700.11	0.0237 \$		PEAK ALL	117700.11 0.0		2,901.07	. 601
	TOTAL	155749.77	\$	9,060.26	TOTAL	155749.77	\$	9,421.31	4.0%

### SHEET 1 - DATA

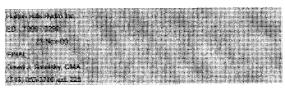
# SPREADSHEET FOR UNBUNDLING CURRENT ELECTRICITY RATES

THIS SHEET SERVES AS THE INPUT AREA FOR THE DATA NEEDED BY THE SUBSEQUENT SHEETS.

# ENTER YOUR UTILITY SPECIFIC DATA IN THE CELLS HIGHLIGHTED IN YELLOW.

NOTE: TO READ COMMENTS (RED TRIANGLES) CLICK ON THE RED TRIANGLE AND THEY WILL APPEAR.

LICENCE NUMBER
DATE (dd-mm-yy)
VERSION NUMBER
NAME OF CONTACT
PHONE NUMBER



### FOR BACKGROUND CALCULATIONS

SOURCE: WHOLESALE AND PURCHASED RETAIL KWH BILLS

	RESIDENTIAL	SENTINEL LIGHTS	GENERAL SERVICE (total excludin	STREET LIGHTING	LARGE USE	TOTAL RETAIL	GENERAL SERVICE	NTERMEDIATÉ USE	GENERAL SERVICE
			street lighting				TIME OF USE		<50KW
RETAIL ENERGY (KWH) LOSS FACTOR ADJUSTMENT	163,731,190 💥 1.0405	455,400		2,168,787	0 1.0481	397,764,129	70,440,414	0	33,449,509
LOSS FACTOR ADJUSTMENT	1.0403				**************************************				
CALCULATION FOR LOSS FACTOR:	1995	1996	1997	1998	1999				
(A) WHOLESALE KWH (B) WHOLESALE KWH FOR LARGE USERS	379,519,062	392,482,951	393,235,825	399,789,983	414,070,626	AVERAGE			
	379,519,062	392,482,951	393,235,825	399.789.983	414,070,626				
(C) WHOLESALE KWH (A)-(B) FOR DSL (D) RETAIL KWH	360,707,570	379,808,035	380,130,321	383,922,290		(INCLUDES UNB	ILLED REVENU	≣)	
(E) RETAIL KWH FOR LARGE USERS		7	•	5.65 (S.65					
(F) RETAIL KWH FOR DSL FACTOR (D)-(E)	360,707,570	379,808,035	380,130,321	383,922,290	397,764,129				
(G) DSL [[(C)(F)]-1]	0.0522	0.0334	0.0345	0.0413	0.0410	0.0405			
(H) LOSS FACTOR ADJUSTMENT	1.0405								

NOTE: UTILITY CAN USE AVERAGE DSL FOR LARGE USE CLASS INSTEAD OF 1% DEFAULT VALUE IF MORE APPROPRIATE IF CHOOSING THIS OPTION, ENTER ZEROS FOR LARGE USERS IN CELLS B31 TO F31 AND CELLS B34 TO F34 AND ENTER THE LOSS ADJUSTMENT FACTOR IN CELL F26. TO GET WHOLESALE KWH FOR LARGE USERS MULTIPLY RETAIL KWH BY 1.01.

### FOR COST OF POWER CALCULATIONS:

SOURCE: UTILITY WHOLESALE COST OF POWER BILLS (if specific class percentages are not known for voltage splits use the total system percentages for those classes that are not known)

	WINTER PEAK \$/KW	SUMMER PEAK \$/KW
(E) PURCHASED AT <115 KV	12,05	9.02
(H) PURCHASED AT >115 KV	0.00	0.00
(i) PURCHASED AT 230 KV	0.00	0.00
RESIDENTIAL	WINTER	SUMMER
(B) PERCENT PURCHASED AT <115 KV	1.000	
(C) PERCENT PURCHASED AT >115 KV	0.000	
(D) PERCENT PURCHASED AT 230 KV	0.000	UUUU
SENTINEL LIGHTING	WINTER	SUMMER
(B) PERCENT PURCHASED AT <115 KV	1,000 0,000	
(C) PERCENT PURCHASED AT >115 KV	0.000	V - 4 CA 4 CA 4 CA 5 CA 5 CA 5 CA 5 CA 5 CA
(D) PURCHASED AT 230 KV	0.000	0.000
GENERAL SERVICE <50 KW	WINTER	SUMMER
(B) PERCENT PURCHASED AT <115 KV	1,000	
(C) PERCENT PURCHASED AT >115 KV	0.000	
(D) PURCHASED AT 230 KV	0.008	0.000
GENERAL SERVICE NON-TIME OF USE >50 KW		
(B) PERCENT PURCHASED AT <115 KV	1.000	
(C) PERCENT PURCHASED AT >115 KV	0.000	
(D) PURCHASED AT 230 KV	0.000	D 000
GENERAL SERVICE TIME OF USE >50 KW	WINTER	
(B) PERCENT PURCHASED AT <115 KV	1.000	
(C) PERCENT PURCHASED AT >115 KV	0.000	\$100 PM (100 PM ) 100 PM (100 PM )
(D) PURCHASED AT 230 KV	0.000	0.000
GENERAL SERVICE INTERMEDIATE USE	WINTER	
(B) PERCENT PURCHASED AT <115 KV	1.000	
(C) PERCENT PURCHASED AT >115 KV	0.000	
(D) PURCHASED AT 230 KV	0.000	0.000
STREET LIGHTING	WINTER	SUMMER
(B) PERCENT PURCHASED AT <115 KV	1,000	1.000
• *		

NUMBER OF CUSTOMERS (YEAR-END 1999)	1276			Impact Resulting From
NON-TIME OF USE >50 KW BLOCK	SALES IN BLOCK ADJUSTED NOR	REVENUE RATE REQUIREMENT MALIZED RATES \$0.00	31-Dec-99 Rates	Normalizing Rates
SERVICE CHARGE		\$0.00		
ENERGY FIRST 250 KWH NEXT 12250 KWH NEXT BLOCK BALANCE KWH MINIMUM BILLS SUTOTAL	KWH 100 000 10 1002 000 10 1007 000 11 107,518,829	SKWH  21130 22750 25866 21571 SEEN	0.1130 0.0756 0.0000 0.0555	3.36%
DEMAND FIRST 50 KW NEXT BLOCK BALANCE KW MINIMUM BILLS SUBTOTAL	112,924 0 244,934 0 357,858	\$/KW 0.0000 FIRST 50kW Demand is Free 0.0000 5.3000 \$0.00	\$/KW 0.0000 0.0000 5.0000	
NUMBER OF CUSTOMERS (YEAR-END 1999)	169			
TIME OF USE > 50 KW BLOCK	ADJUSTED NOF SALES IN BLOCK	RMALIZED RATES BLOCK REVENUE RATE REQUIREMENT	31-Dec-99 Rates	Impact Resulting From Normalizing Rates
SERVICE CHARGE		\$0.00		
SERVICE CHARGE	421481	1,4		
ENERGY WINTER PEAK FIRST BLOCK WINTER PEAK NEXT BLOCK WINTER PEAK NEXT BLOCK WINTER BALANCE BLOCK WINTER OFF PEAK ALL SUMMER PEAK FIRST BLOCK SUMMER PEAK NEXT BLOCK SUMMER PEAK NEXT BLOCK SUMMER BALANCE BLOCK SUMMER OFF PEAK ALL MINIMUM BILLS SUBTOTAL	KWH 12,000 318,000 18,511,375 0 13,002,974 12,000 318,000 21,753,809 0 16,512,256 0 70,440,414	\$IKWH 0.1580 0.1288 0.0885 0.0885 0.0359 0.1363 0.1046 0.0732 0.0732 0.0732	0.1580 0.1238 0.0851 0.0851 0.0345 0.1363 0.1006 0.0704 0.0704	
DEMAND WINTER FIRST 50 KW WINTER SECOND BLOCK WINTER BALANCE BLOCK SUMMER FIRST 50 KW SUMMER SECOND BLOCK SUMMER BALANCE BLOCK MINIMUM BILLS SUBTOTAL	KW 2,000 0 91,124 2,400 0 90,444 0	\$/KW 0,0000 FIRST 50kW of demand is Fre 0,0000 5,5120 0,0000 FIRST 50kW of demand is Fre 0,0000 4,3160 \$0,00	0.0000 5.3000	
NUMBER OF CUSTOMERS (YEAR-END 1999)				
INTERMEDIATE USE	SALES IN BLOCK	RATE	31-Dec-99 Rates	
WINTER PEAK SUMMER PEAK SUBTOTAL	KW 0 0 0	5/KW 0.00 0.00	\$/KV 0.00 0.00	0
WINTER PEAK WINTER OFF PEAK SUMMER PEAK SUMMER OFF-PEAK SUBTOTAL	KWH 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$/KWH 0 0 0 0 0		0 0 0 0
NUMBER OF CUSTOMERS (YEAR-END 1999)				
STREET LIGHTING			31-Dec-99	
	BLOCK \$/CO	CK RATE NNECTED	Rates	
NON-TIME-OF-USE	KW 6,024	24.98	24.9	8
TIME-OF-USE WINTER DEMAND SUMMER DEMAND	0	0.00 0.00	0.0 0.0	
NUMBER OF CONNECTIONS (YEAR-END 1999	) 3604			

RMATION	Halton Hills Hydro Inc.	ED - 1999 - 0290	23-Nov-00	FINAL	David J. Smelsky, CMA	(519) 853-3700 ext. 225
SHEET 2 - BACKGROUND INFORMATION	NAME OF UTILITY	LICENCE NUMBER	DATE	VERSION NUMBER	NAME OF CONTACT	PHONE NUMBER

	TOTAL	51.86 48.14 100.00	48.40	51.60	00:001	50.74	100.00	24 98	75.02	100.00	53.34	46.66	100.00	57.39	42.61	100.00		48.20	51.80	100.00		53.59	46.41	100.00	8	26.98	79:05	100:00
DEC 730 60.97 60.97 61.67 61.67 63.53 63.63 79.53 79.53 63.81 63.83 63.81	DEC	4.32 4.78 9.10	5.25	6.73	93.1.	4.62	10.02	3 43	7.63	10.75	5.81	6.87	12.68	4 24	40.8	8 28	•	3.80	5.27	9.07		4.38	5.01	9.38	4	3.12	20.	10.75
NOV 730 58.77 58.77 62.10 62.10 58.74 89.96 81.01 82.51 58.82	>0 <b>N</b>	4.49 3.53 8.02	4.61	4.56	۲- ا ا	55.5	8.40	1 37	5.67	46:6	5.04	3.90	89.	10	13.0	28.8	i	4.46	4.13	8.59		4.93	3.83	8.76		3.27	0.97	9.94
0CT 730 730 730 63.91 75.22 68.88 65.00 87.36 83.20 83.20 61.63 61.63 61.63 61.63	007	3.75 3.54 7.29	3.08	3.34	6.40	3.52	7.00		2.3	9.35	3.84	3.24	7.08	6	2 6	5 6	Š	4.32	4.59	804		4.36	3.78	8.14	į	2.51	6.84	9.35
SEPT 730.00 730.00 730.00 63.69 63.69 65.54 65.54 65.54 77.39 77.39 77.39 77.39 77.39 77.00 77.0	SEPT	3.73 3.96 7.69	2.24	2.41	4.65	3.25	6.71	÷	6.73	8.03	3.52	2.86	6.39	į	5 6	2 2		4.08	4.34	9.42	•	4.23	3.57	7.80		1.73	6.30	8.03
AUG 730 730 73.38 72.18 72.18 74.55 69.72 69.72 69.72 63.12 0.00	AUG	4,84 4,32 9,16	2.63	2.29	4.92	4.12	7.79		85°	7.26	3.64	2.69	6.33	č	17.0	4.0	0.00	4.39	4.28	4.67	ò	4.64	3.59	8.23		1.38	5.88	7.26
JULY 730 68 80 68 80 68 70 0 00 000 56.18 66.58 66.58 66.58 66.58 66.58 66.59 66.50 68 66.50 68 66.50 68	JULY	4.59 4.92 9.51	2.56	2.70	5.26	3.94	8. 4. 8. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4		86.0	5.46 6.46	3.42	3.02	6.44		5.4	D (2)	9.32	3.68	4.16	7 84	10.7	4.14	3.76	7.90		0.98	5.48	6.46
JUN 730 56.32 66.57 60.76 0.00 69.11 48.30 59.90 0.00	NOS	4.62 3.60 8.22	2.68	2.13	18.4	4.00	3.12	! !	1.04	6.04 40.0	4 07	60.0	6.98	!	4.8/	2.94	18.7	4 12	3 83	4 6	G.	4.46	3.23	69.2		1.04	5.00	6.04
MAY 730 63.69 74.90 67.39 0.00 76.06 76.06 77.53 77.53	MAY	3.97 3.41 7.38	930	3.20	6.40	3.72	3.35		1.26	5.48 6.74	203	200	6.98		4.84	3.03	/8/	41.6	7		77.9	4.45	3.38	7.83		1.26	5.48	6.74
APR 730 72.47 72.47 71.07 71.07 66.51 76.69 80.57 75.73	APR	3.69 4.09 7.78	7.	4.93	8.64	3.70	4.36 9.06	3	1.34	6.08 7.42	ŏ	50.0	7.48		4.30	3.56	7.86	37.5	2 10	/7.5	6.73	3.92	3.82	7.74		1.34	6.08	7.42
MAR 730 70.18 69.26 69.26 51.60 88.89 95.75 89.04 86.46	MAR	3.64 3.64		5.54	11.18	4.97	4.25	•	2.46	6.27	44.0	2.0	9.75		5. 26	3.55	8.59	4	0 0	70.	8.18	4.83	3.85	8.68		2.46	6.27	8.73
FEB 730 730 57.80 57.09 51.93 66.83 82.22 84.39 7.883	FEB	4.37 3.75 8.13		6.28	12.15	4.85	4.57	7	2.62	6.16 8.78	;	4 1	69 69		4.77	3.71	8.48		2.02	0.1	7.69	4.47	66.6	8.46		2.62	6.16	8.78
ORS (%) JAN JAN 730 68.02 68.02 68.12 62.06 92.86 83.94 83.94 83.94	NAU	4.84 4.60 4.60		7.49	14.44	5.52	5.53	0	3.27	7.23		29.6	11.26		5.00	4.11	9.11		0 (0	4.73	8.68	4 7 8	4.60	88.6		3.27	7.23	10.50
COINCIDENT LOAD FACTORS (%) HOURS IN WONTH ESENONEL RES EL TOTAL RESIDENTIAL SOFTINEL LIGHTS GS-500 WW GS-500 WW GS-51000 TOTAL GS TOTAL GS STREET LIGHTS	ENERGY SPLITS(%)	RES NON-EL ON ENERGY OFF ENERGY	RES EL	ON ENERGY OFF ENERGY	TOTAL TOTAL RESIDENTIAL	ON ENERGY	OFF ENERGY	SENTINEL LIGHTS	ON ENERGY	OFF ENERGY TOTAL	GS<50	ON ENERGY	OFF ENERGY	GS>50<1000	ON ENERGY	OFF ENERGY	TOTAL	GS×1000	ON ENERGY	OFF ENERGY	TOTAL	SOUTH TO SOU	OFF ENERGY	TOTAL	STREET LIGHTS	ON ENERGY	OEE ENERGY	TOTAL

		SUMMER PEAK
		WINTER OFF-PEAK
		WINTER
		TOTAL
		DEC
		NON
		000
SERVICE <50 KW	33,449,509 1,0405 34,803,048	SEPT
IATE USE	0 1.0405 0	AUG
	70,440,414 1.0405 73,290,796	JULY
1	397,764,129	NOC
LARGE USE	1.05	МАУ
STREET	2,168,787 1,0405 2,256,547	APR
GENERAL	231,408,752 1.0405 240,772,742	MAR
SENTINEL	455,400 1.0405 473,828	FEB
RESIDENTIAL	10405 1,0405 170,356,598	NAC
	(A) RETAIL (BILLED) ENERGY (B) LOSS FACTOR ADJUSTMENT (C) WHOLESALE ENERGY (A)Y(B)	

SUMMER OFF-PEAK

SHEET 3 - COST OF POWER CALCULATIONS

NAME OF UTILITY
LICENCE NUMBER

Haiton Hills Hydro Inc. ED - 1999 - 0290

DATE

23-Nov-00

VERSION NUMBER

FINAL

NAME OF CONTACT

David J. Smelsky, CMA

**PHONE NUMBER** 

(519) 853-3700 ext. 225

# COST OF POWER (COP) CALCULATIONS

COST OF TOWER (COT) CRECOE THERE							
RESIDENTIAL	WINTER PEAK KW	SUMMER PEAK KW	WINTER PEAK KWH	WINTER OFF-PEAK KWH	SUMMER PEAK KWH	SUMMER OFF-PEAK KWH	TOTAL
(A) WHOLESALE VOLUME	201,335	155,301	47,716,883		38,722,055	37,751,022	
(B) PERCENT PURCHASED AT <115 KV (C) PERCENT PURCHASED AT >115 KV (D) PERCENT PURCHASED AT 230 KV	1.000 0.000 0.000	1.000 0.000 0.000					
(E) PURCHASED AT <115 KV	201,335 \$/KW	155,301 \$/KW	47,716,883 \$/KWH	46,166,638 \$/KWH	38,722,055 \$/KWH	37,751,022 \$/KWH	
(F) WHOLESALE RATES (G) COP =(E)*(F)	12.05 \$2,426,087	9.02 \$1,400,819	0.0609 \$2,905,958	0.0335 \$1,546,582	0.0503 \$1,947,719	0.023 \$868,274	\$11,095,439
(H) PURCHASED AT >115 KV	0 \$/KW	0 \$/KW	0 \$/KWH	0 \$/KWH	0 \$/KWH	0 \$/KWH	
(I) WHOLESALE RATES (J) COP =(H)*(I)	0 \$0	0 \$0	0.0609 \$0	0.0335 \$0	0.0503 \$0	0.023 \$0	\$0
(K) PERCENT PURCHASED AT 230 KV	0 \$/KW	0 \$/KW	0 \$/KWH	0 \$/KWH	0 \$/KWH	0 \$/KWH	
(L) WHOLESALE RATES (M) COP =(K)*(L)	0.00 \$0	0.00 \$0	0.0609 \$0	0.0335 \$0	0.0503 \$0	0.0 <b>2</b> 3 \$0	\$0
(N) TOTAL RESIDENTIAL COP =(G)+(J)+(M)	\$2,426,087	\$1,400,819	\$2,905,958	\$1,546,582	\$1,947,719	\$868,274	\$11,095,439
SENTINEL LIGHTS  (A) WHOLESALE VOLUME	WINTER PEAK KW 648	SUMMER PEAK KW 110	WINTER PEAK KWH 81,735	OFF-PEAK KWH	SUMMER PEAK KWH 36,627	SUMMER OFF-PEAK KWH 162,144	TOTAL
(B) PERCENT PURCHASED AT <115 KV (C) PERCENT PURCHASED AT >115 KV (D) PERCENT PURCHASED AT 230 KV	1.000 0.000 0.000	1.000 0.000 0.000					
(E) PURCHASED AT <115 KV	648 \$/KW	110 \$/KW	81,735 \$/KWH		36,627 \$/KWH	162,144 \$/KWH	
(F) WHOLESALE RATES (G) COP =(E)*(F)	12.05 \$7,804	9.02 \$990	0.0609 \$4,978		0.0503 <b>\$1</b> ,842	0.023 \$3,729	\$25,819
(H) PURCHASED AT >115 KV	0 \$/KW	0 \$/KW	( \$/KWH	s/kwh	0 \$/KWH	\$/KWH	I
(I) WHOLESALE RATES (J) COP =(H)*(I)	0 \$0	0 \$0	0.0609 \$0		0.0503 \$0	0.023 \$0	
(K) PERCENT PURCHASED AT 230 KV	0 \$/KW		\$/KWH		0 \$/KWH	( \$/KWH	
(L) WHOLESALE RATES (M) COP =(K)*(L)	0 \$0	0 \$0	0.0609 \$0		0.0503 \$0	0.023 \$0	
(N) TOTAL SENTINEL LIGHTS COP =(G)+(J)+(M)	\$7,804	\$990	\$4,978	\$6,476	\$1,842	\$3,729	\$25,819

	4.000	1,000					
(B) PERCENT PURCHASED AT <115 KV (C) PERCENT PURCHASED AT >115 KV	1.000 0.000	0.000					
(D) PERCENT PURCHASED AT 213 KV	0.000	0.000					
(E) PURCHASED AT <115 KV	70,411	71,462 \$/KW	19,603,794 \$/KWH	13,529,141 \$/KWH	22,977,434 \$/KWH	17,180,427 \$/KWH	
(E) MILOLECALE DATES	\$/KW 12.05	9.02	0.0609	0.0335	0.0503	0.023	
(F) WHOLESALE RATES (G) COP =(E)*(F)	\$848,453	\$644,587	\$1,193,871	\$453,226	\$1,155,765	\$395,150	\$4,691,053
(5) 55. (2) (7)							
(H) PURCHASED AT >115 KV	0	0	0	0	0	0	
(ii) i ditarinazz iii iii	\$/KW	\$/KW	\$/KWH	\$/KWH	\$/KWH	\$/KWH	
(I) WHOLESALE RATES	0	0	0.0609	0.0335	0.0503	0.023 \$0	\$0
(J) COP =(H)*(I)	\$0	\$0	\$0	\$0	\$0	ΦU	Φ0
(K) PERCENT PURCHASED AT 230 KV	0	0	0	0	0	0	
(.,,,	\$/KW	\$/KW	\$/KWH	\$/KWH	\$/KWH	\$/KWH	
(L) WHOLESALE RATES	0	0	0.0609 \$0	0.0335 <b>\$</b> 0	0.0503 <b>\$</b> 0	0.023 <b>\$</b> 0	\$0
$(M) COP = (K)^*(L)$	\$0	\$0	Φ0	ΦΟ	<b>4</b> 0	Ψ	•
(N) TOTAL GENERAL SERVICE TIME OF USE COP	\$848,453	\$644,587	\$1,193,871	\$453,226	\$1,155,765	\$395,150	\$4,691,053
=(G)+(J)+(M)	φ040,400	Ψ0-1-1,501	ψ1,100,071	<b>\$</b> 100, <b>22</b> 0	• 1, 122, 12	¥,	
INTERMEDIATE USE MONTHLY DEMAND > 30	00 KW but les	ss than 500	00 KW				
					0.0.4.455	CHANCO	TOTAL
	WINTER	SUMMER	WINTER PEAK	WINTER OFF-PEAK	SUMMER PEAK	SUMMER OFF-PEAK	TOTAL
	PEAK KW	PEAK KW	KWH	KWH	KWH	KWH	
(A) RETAIL VOLUME	0	0	0	0	0	0	
(B) COINCIDENCE FACTOR	0.000	0.000					
(C) SYSTEM LOSS ADJUST.			1.04	1.04	1.04	1.04	
(D) WHOLESALE VOLUME	0	0	0	0	0	0	
(B) PERCENT PURCHASED AT <115 KV	1.000	1.000					
(C) PERCENT PURCHASED AT >115 KV	0.000	0.000					
(D) PERCENT PURCHASED AT 230 KV	0.000	0.000					
(E) DUDOUACED AT -415 KV	0	0	0	0	0	0	
(E) PURCHASED AT <115 KV	\$/KW	\$/KW	\$/KWH	\$/KWH	\$/KWH	\$/KWH	
(F) WHOLESALE RATES	12.05	9.02	0.0609	0.0335	0.0503	0.023	
(G) COP =(E)*(F)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(H) PURCHASED AT >115 KV	0	0	0	0	0	0	
· /	\$/KW	\$/KW	\$/KWH	\$/KWH	\$/KWH	\$/KWH	
(I) WHOLESALE RATES	0	0	0.0609 \$0	0.0335 \$0	0.0503 \$0	0.023 \$0	\$0
$(J) COP = (H)^*(I)$	\$0	\$0	Φυ	ΦΟ	ΨΟ	Ψο	<b>Q</b>
(K) PERCENT PURCHASED AT 230 KV	0	0	0	0	0	0	
• •	\$/KW	\$/KW	\$/KWH	\$/KWH	\$/KWH	\$/KWH	
(L) WHOLESALE RATES	0	0	0.0609	0.0335 <b>\$</b> 0	0.0503 \$0	0.023 \$0	\$0
$(M) COP = (K)^*(L)$	\$0	\$0	\$0	Φυ	Ψ	ΨΟ	ΨΟ
(N) TOTAL INTERMEDIATE USE COP =(G)+(J)+(M)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
STREET LIGHTING	1411-1	CL IP 45 4C D	\A/IKITCD	\A/INITED	SUMMER	SUMMER	t TOTAL
	WINTER PEAK	SUMMER PEAK	WINTER	WINTER OFF-PEAK	PEAK	OFF-PEAK	
·	KW	KW	KWH		KWH	KWH	
(A) WHOLESALE VOLUME	3,080	522	389,254		174,431	772,190	
(D) DEDOCAL DUDGUAGED AT 2445 IO	1.000	1.000					
(B) PERCENT PURCHASED AT <115 KV (C) PERCENT PURCHASED AT >115 KV	0.000	0.000					
(D) PERCENT PURCHASED AT 210 KV	0.000	0.000					
• ,	2.002	E00	389,254	920,671	174,431	772,190	)
(E) PURCHASED AT <115 KV	3,080 \$/KW	522 \$/KW			174,431 \$/KWH		
(F) WHOLESALE RATES	12.05	9.02					
V /							

(A) RESIDENTIAL COP\$	\$2,426,087	\$1,400,819	\$2,905,958	\$1,546,582	\$1,947,719	\$868,274	\$11,095,439
(B) TOU SHARE OF TOTAL COP	0.219	0.126	0.262	0.139	0.176	0.078	
(C)ADJUSTMENT \$ (B)*E	(\$24,075)	(\$13,901)	(\$28,837)	(\$15,347)	(\$19,328)	(\$8,616)	(\$110,104)
ADJUSTED TOU COP \$ (A)-(C)	\$2,450,162	\$1,414,720	\$2,934,795	\$1,561,930	\$1,967,047	\$876,890	\$11,205,543
SENTINEL LIGHTS	WINTER	SUMMER	WINTER	WINTER	SUMMER	SUMMER	TOTAL
SENTIMEE CIGITIO	PEAK	PEAK	PEAK	OFF-PEAK	PEAK	OFF-PEAK	
	KW	KW	KWH	KWH	KWH	KWH	
(A) SENTINEL LIGHTS COP\$	\$7,804	\$990	\$4,978	\$6,476	\$1,842	\$3,729	\$25,819
(B) TOU SHARE OF TOTAL COP	0.302	0.038	0.193	0.251	0.071	0.144	
(C)ADJUSTMENT \$ (B)*E	(\$77)	(\$10)	(\$49)	(\$64)	(\$18)	(\$37)	(\$256)
ADJUSTED TOU COP \$ (A)-(C)	\$7,881	\$1,000	\$5,027	\$6,541	\$1,861	\$3,766	\$26,076
7,000.25 100 001 000,000							
GENERAL SERVICE NON TIME OF USE >50 KW	WINTER	SUMMER	WINTER	WINTER	SUMMER	SUMMER	TOTAL
GENERAL GERMAN TIME OF GOOD OF THE	PEAK	PEAK	PEAK	OFF-PEAK	PEAK	OFF-PEAK	
	KW	KW	KWH	KWH	KWH	KWH	
(A) GENERAL SERVICE COP\$	\$1,245,820	\$1,137,901	\$2,219,141	\$1,236,269	\$1,581,726	\$641,479	\$8,062,336
(B) TOU SHARE OF TOTAL COP	0.155	0.141	0.275	0.153	0.196	0.080	
(C)ADJUSTMENT \$ (B)*E	(\$12,363)	(\$11,292)	(\$22,021)	(\$12,268)	(\$15,696)	(\$6,366)	(\$80,005)
ADJUSTED TOU COP \$ (A)-(C)	\$1,258,183	\$1,149,192	\$2,241,162	\$1,248,537	\$1,597,422	\$647,845	\$8,142,341
AB300125 100 00. \$\psi(1)\psi(0)							
GENERAL SERVICE <50 KW	WINTER	SUMMER	WINTER	WINTER	SUMMER	SUMMER	TOTAL
GENERAL GERMAN AND THE STATE OF	PEAK	PEAK	PEAK	OFF-PEAK	PEAK	OFF-PEAK	
	KW	KW	KWH	KWH	KWH	KWH	
(A) GENERAL SERVICE <50 KW COP \$	\$442,093	\$262,954	\$655,987	\$331,816	\$391,958	<b>\$145,686</b>	\$2,230,494
(B) TOU SHARE OF TOTAL COP	0.198	0.118	0.294	0.149	0.176	0.065	
(C)ADJUSTMENT \$ (B)*E	(\$4,387)	(\$2,609)	(\$6,510)	(\$3,293)	(\$3,890)	(\$1,446)	(\$22,134)
ADJUSTED TOU COP \$ (A)-(C)	\$446,480	\$265,564	\$662,497	\$335,108	\$395,847	\$147,131	\$2,252,628
AB300125 100 001 \$ (1) (0)	,					0	TOTAL
STREET LIGHTING	WINTER	SUMMER	WINTER	WINTER	SUMMER	SUMMER	TOTAL
	PEAK		PEAK		PEAK	OFF-PEAK	
	KW	KW	KWH		KWH	KWH	#400 007
(A) STREET LIGHTING COP \$	\$37,116	\$4,708	\$23,706	\$30,842	\$8,774	\$17,760	\$122,907
(B) TOU SHARE OF TOTAL COP	0.302		0.193		0.071	0.145	(04.000)
(C)ADJUSTMENT \$ (B)*E	(\$368)		(\$235)		(\$87)	(\$176)	(\$1,220)
ADJUSTED TOU COP \$ (A)-(C)	\$37,485	\$4,755	\$23,941	\$31,149	\$8,861	\$17,937	\$124,127
LARGE USE	WINTER	SUMMER	WINTER	WINTER	SUMMER	SUMMER	TOTAL
LANGE 03E	PEAK		PEAK	OFF-PEAK	PEAK	OFF-PEAK	
	KW		KWH	KWH	KWH	KWH	
(A) LARGE USE COP\$	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(B) TOU SHARE OF TOTAL COP	0.000	0.000	0.000	0.000	0.000	0.000	
(C)ADJUSTMENT \$ (B)*E	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ADJUSTED TOU COP \$ (A)-(C)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ADJUSTED TOO COL \$ (1) (C)							
GENERAL SERVICE TIME OF USE > 50 KW	WINTER	SUMMER	WINTER	WINTER	SUMMER	SUMMER	TOTAL
GENERAL SERVICE TIME OF GOLF SO THE	PEAK			OFF-PEAK	PEAK	OFF-PEAK	
	KW		KW⊢		KWH	KWH	1
(A) GENERAL SERVICE TOU COP\$	\$848,453		\$1,193,871	\$453,226	\$1,155,765	\$395,150	\$4,691,053
(B) TOU SHARE OF TOTAL COP	0.181		0.254	0.097	0.246	0.084	Ļ
(C)ADJUSTMENT \$ (B)*E	\$0		\$0	\$0	\$0	\$0	\$0
ADJUSTED TOU COP \$ (A)-(C)	\$848,453		\$1,193,871	\$453,226	\$1,155,765	\$395,150	\$4,691,053
ADJUSTED TOU COL \$ (A)-(C)	<b>40.0,</b>					0	TOTAL
INTERMEDIATE USE	WINTER		WINTER		SUMMER	SUMMER	
	PEAR		PEAR		PEAK	OFF-PEAK	
	KV		KWH		KWH	KWH	
(A) INTERMEDIATE USE COP \$	\$0		\$0		\$0	\$0	
(B) TOU SHARE OF TOTAL COP	0.000		0.000		0.000	0.000	
(C)ADJUSTMENT \$ (B)*E	\$0		\$0		\$0	\$0	
ADJUSTED TOU COP \$ (A)-(C)	\$0	\$0	\$0	\$0	\$0	\$0	\$0

TOTAL	1,265		\$ 34,762.20
CALCULATE DISTRIBUTION REVENUE REQUIREMENT	TOTAL	COST OF	DISTRIBUTION
	ANNUAL REVENUE	POWER	REVENUE
	А	В	C=A-B
	\$ 34,762.20	\$26,076 75.01%	\$ 8,686.67 24.99%

### TO CALCULATE VARIABLE REVENUE AND SERVICE CHARGE REVENUE

WE PROPOSE TO USE THE SAME SHARES OF VARIABLE REVENUE AND SERVICE CLASS REVENUE TO DISTRIBUTION REVENUE TO THE SENTINEL LIGHTS CLASS AS THOSE CALCULATED FOR THE RESIDENTIAL CLASS.

		STRIBUTION VENUE		VENUE	CHA	RVICE ARGE		CALCULATE DISTRIE	BUTION DEMAN	ID (KW) RATE
					REV	/ENUE		REVENUE	KW	KW RATE
RESIDENTIAL CLASS REVENUE REVENUE SHARE	\$	2,364,776.83	\$	1,015,133.38 42.93%	\$	1,349,643.45 57.07%		\$ A \$ 3,728.95	B 1,265	C=A/B 2.9478
(A) SENTINEL LIGHT REVENUE (B) REVENUE SHARE (C) (A)'(B)	\$	8,686.67	\$	42.93 <b>%</b> 3,728.95	\$	57.07% 4,957.72				
SENTINEL LIGHT MONTHLY SERVICE CHARGE		DISTRIBUTION REVENUE		VARIABLE REVENUE			NUMBER OF ONNECTIONS	MONTHLY SERVICE CHARGE \$/MONTH/CONNECT	TION	
MONTHLY SERVICE CHARGE	\$	8,686.67		3,728.95 42.93%	\$	C=A-B 4,957.72 57.07%	D 506			
SENTINEL LIGHT COST OF POWER RATES										
		WINTER PEAI (KW	< ')	SUMMER PEAK (KW)	i	WINTER PEAK (KWH) 3	PEAK	( PEAK ) (KWH)	SUMMER OFF PEAK (KWH) 6	
(A) COP \$		\$7,881		\$1,000		\$5,027	\$6,541		\$3,766	
(B) TOTAL COP\$		\$26,076	5							
(C) RETAIL KW		1,26	5							
(D) KW RATE (B)/(C)	\$	20.6								
OR										
SENTINEL LIGHTS TIME OF USE										
CALCULATE REVENUE REQUIREMENTS										
,		SALES I BLOC K	ĸ	BLOCK RATE \$/CONNECT ED KV		REVENUE				
WINTER DEMAND SUMMER DEMAND TOTAL			0 0 0		\$ 0 \$ \$	· ·				
CALCULATE DISTRIBUTION REVENUE REQUIREMENT										
		TOTA ANNUA REVENU	AL.	COST OF		DISTRIBUTION REVENUE				
	;	<b>5</b> -	A	\$26,076	B 5 \$	C=A-E (26,075.53				

# TO CALCULATE VARIABLE REVENUE AND SERVICE CHARGE REVENUE

WE PROPOSE TO USE THE SAME SHARES OF VARIABLE REVENUE AND SERVICE CLASS REVENUE TO DISTRIBUTION REVENUE TO THE SENTINEL LIGHTS CLASS AS THOSE CALCULATED FOR THE RESIDENTIAL CLASS.

DISTRIBUTION VARIABLE REVENUE

REVENUE

SERVICE CHARGE

CALCULATE DISTRIBUTION DEMAND (KW) RATE

REVENUE   REVENUE   REVENUE   CHARGE   SHANCH THOUSTOMER   SHOWN THO	50 KW CLASS MONTHLY SERVICE CHARGE	_	ICTDIDUTION		VARIARI E		CED\/ICE	NI IMBED OF	MONTHLY	
S		D	ISTRIBUTION REVENUE				CHARGE		SERVICE CHARGE	!
DITELY SERVICE CHARGE  10			\$		-		\$			
DIE: POR TIME OF USE CUSTOMERS, THERE IS AN ADDITIONAL CHARGE FOR METERS. THIS AMOUNTS TO AN ADDITIONAL CHARGE FOR METERS PROMIT HAND WILL BE SHOWN AS A SEPRATE CHARGE.  19 THE CHARGE FOR YOUR UTILITY DIFFERS FROM THIS, USEY YOUR UTILITY SPECIFIC CHARGE.  19 THE CHARGE FOR YOUR UTILITY DIFFERS FROM THIS, USEY YOUR UTILITY SPECIFIC CHARGE.  19 THE CHARGE FOR YOUR UTILITY DIFFERS FROM THIS, USEY YOUR UTILITY SPECIFIC CHARGE.  19 WILL CHARGE FOR YOUR UTILITY DIFFERS FROM THIS, USEY YOUR UTILITY SPECIFIC CHARGE.  19 WILL CHARGE FOR YOUR UTILITY DIFFERS FROM THIS, USEY YOUR UTILITY SPECIFIC CHARGE.  19 WILL CHARGE FOR YOUR UTILITY DIFFERS FROM THIS, USEY YOUR UTILITY SPECIFIC CHARGE.  19 WILL CHARGE FOR YOUR WILL CHARGE FOR METERS.  19 WILL CHARGE FOR YOUR WILL CHARGE FOR METERS.  19 WILL CHARGE FOR YOUR WILL CHARGE FOR METERS.  19 WILL CHARGE FOR YOUR WILL CHARGE FOR METERS.  19 WILL CHARGE FOR YOUR WILL CHARGE FOR METERS.  19 WILL CHARGE FOR YOUR WILL CHARGE FOR METERS.  19 WILL CHARGE FOR YOUR WILL CHARGE FOR METERS.  19 WILL CHARGE FOR YOUR WILL CHARGE FOR METERS.  19 WILL CHARGE FOR YOUR WILL CHARGE FOR METERS.  19 WILL CHARGE FOR YOUR WILL CHARGE FOR METERS.  19 WILL CHARGE FOR YOUR WILL CHARGE FOR METERS.  19 WILL CHARGE FOR YOUR WILL CHARGE FOR METERS.  19 WILL CHARGE FOR YOUR WILL CHARGE FOR METERS.  19 WILL CHARGE FOR YOUR WILL CHARGE FOR METERS.  19 WILL CHARGE FOR YOUR WILL CHARGE FOR METERS.  19 WIL	ONTHLY SERVICE CHARGE	\$		\$	188,798.95	\$	251,012.59			
POWER F S WH	ADDITIONAL CHARGE OF \$5.50 PER METER PER M	ITNON	H AND WILL B	E SH	R METERS. TH	PA	AMOUNTS TO A	N		
S   2,252,627.90   33,449,509   0.0673   0.067	50 KW COST OF POWER RATE		POWER		kwń			COST O	\$/KWH	
WINTER   SUMMER   PEAK (KW)   PEAK (KWH)   OFF-PEAK   SUMMER (KWH)   OFF-PEAK (KWH)   OFF	OP KWH RATE	\$								
PEAK (KW) PEAK (KW) PEAK (KW) OFF-PEAK (KWH) OFF-PEAK (FRAM) OFF-PEAK (KWH) (K	50 KW CLASS TIME OF USE RATES									
A) COP \$ \$ 446,480.45 \$ 265,563.78 \$ 662,496.58 \$ 335,108.46 \$ 395,847.38 \$ 147,131.25 \$ 395,007.41 \$ 10,007.1544 \$ 9,904,948 \$ 7,792,403 \$ 6,334,155 \$ 10,000 \$ 10,0			WINTER		SUMMER		WINTER	WINTER	SUMMER	
\$ 1,108,977.03 \$ 335,108.46 \$ 661,411.16 \$ 147,131.25 C) WHOLESALE KWH D) SYSTEM LOSS ADJUSTMENT E) RETAIL KWH (C)V(D) D) TOU RATES (B)V(E) \$KWH  D) TOUR AND							PEAK (KWH)			
1,040	A) COP \$ B) TOTAL COP/TOU PERIOD \$	\$	446,480.45	\$	265,563.78					
10,352,623   9,519,730   7,489,345   6,087,811	C) WHOLESALE KWH									
D) TOU RATES (BY(E) \$KWH  D) TOU RATES (BY(E) \$KWH  ALCULATE REVENUE REQUIREMENT  SLOCK  BLOCK  BLOCK  BLOCK  RATE  REQUIREMENT  SERRICY  KWH  SKWH  SKWH  SERRICY  REST 250 KWH  32,602,889  0,0780  \$2,550,045,34  LEXT 12250 KWH  39,967,074  0,0780  \$2,550,045,34  LEXT 12250 KWH  39,967,074  0,0780  \$2,550,045,34  LEXT 1220 KWH  177,518,829  \$8,012,617,13  SUBTOTAL  KW  SKW  SKW  SIMBLUS  0,0000  \$1,298,152,55  SUBTOTAL  \$9,310,769,66  S8,142,341  \$1,168,428,48  \$1,168,428,48	D) SYSTEM LOSS ADJUSTMENT									
SOURT   STATE   STAT	E) RETAIL RYVH (CJ/(D)									
ANNIULL BUSTRIBUTION REVENUE REQUIREMENT  SACULATE DISTRIBUTION REVENUE REQUIREMENT  SALOULATE DISTRIBUTION REVENUE REQUIREMENT REVENUE REQUIREMENT SALOULATE REQUIREMENT SALOUL	D) TOU RATES (B)/(E) \$/KWH						0.1071	0.0352	2 0.0883	0.0242
SERECT   S	BLOCK		BLOCK		RATE		REQUIREMENT			
### 858,866	SERVICE CHARGE					\$	-			
Section   Sect	ENERGY		KWH							
Section   Sect	FIRST 250 KWH									
SALANCE KWH   93,967,074   0 0571   \$ 5,365,519.93										
MINIMUM BILLS   0   \$0.00			93,967,074				5,365,519.93			
NON-TIME OF USE >50 KW   S/KW   S/K			(	)						
112,924	SUBTOTAL		127,518,829	)		\$	8,012,617.13			
FIRST 50 KW  112,924  0,0000 \$ - 1,298,152.53  MINIMUM BILLS  0	DEMAND		KW	,						
244,934   5.300   \$ 1,298,152.53   \$ 1,298,152.53   \$ 5,000   \$	FIRST 50 KW									
### \$ 9,310,769.66 \$ \$0.00 \$0.	NEXT BLOCK		,	,			1 200 152 52			
SUBTOTAL   357.858					5.3000	Þ				
NON-TIME OF USE > 50 KW  CALCULATE DISTRIBUTION REVENUE REQUIREMENT  COST OF DISTRIBUTION ANNUAL POWER REVENUE TOTAL  A B C=A-B \$ 9,310,769.66 \$8,142,341 \$ 1,168,428.48			,	,		\$				
CALCULATE DISTRIBUTION REVENUE REQUIREMENT  COST OF DISTRIBUTION ANNUAL POWER REVENUE TOTAL  A B C=A-B \$ 9,310,769.66 \$8,142,341 \$ 1,168,428.48	TOTAL					\$	9,310,769.66			
COST OF DISTRIBUTION ANNUAL POWER REVENUE REVENUE TOTAL  A B C=A-B \$ 9,310,769.66 \$8,142,341 \$ 1,168,428.48	NON-TIME OF USE >50 KW									
ANNUAL POWER REVENUE REVENUE TOTAL  A B C=A-B \$ 9,310,769.66 \$8,142,341 \$ 1,168,428.48	CALCULATE DISTRIBUTION REVENUE REQUIREMENT									
\$ 9,310,769.66 \$8,142,341 \$ 1,168,428.48					POWER					
\$ 9,310,769.66 \$8,142,341 \$ 1,168,428.48							0-15			
						\$				
		₽	3,510,103.00			*				

### TO CALCULATE VARIABLE REVENUE AND SERVICE CHARGE REVENUE

WE PROPOSE TO USE THE SAME SHARES OF VARIABLE REVENUE AND SERVICE CLASS REVENUE TO DISTRIBUTION REVENUE TO THE NON-TIME OF USE >50 KW SUB-CLASS AS THOSE CALCULATED FOR THE RESIDENTIAL CLASS.

	DISTRIBUTION VARIABLE REVENUE REVENUE	SERVICE CHARGE	CALCULATE DISTRI	IBUTION DEMAND (KW)	RATE
	REVENUE REVENUE	REVENUE	VARIABLE REVENUE	RETAIL DISTRIE	BUTION W RATE
RESIDENTIAL CLASS REVENUE REVENUE SHARE	\$ 2,364,776.83 <b>\$</b> 1,015,133.38 42.93%		\$ A \$ 501,574.07	В	C=A/B 1.4016
(A) NON-TIME OF USE >50 KW REVENUE (B) REVENUE SHARE (C) (A)*(B)	\$ 1,168,428.48 42.93% \$ 501,574.07				

TIME OF USE MONTHLY SERVICE CHARGE	D	ISTRIBUTION REVENUE		VARIABLE REVENUE				MONTHLY SERVICE CHARGE \$/MONTH/CUSTOMER		
		\$		\$ B		\$ C=A-B	D	E=C/D/12		
MONTHLY SERVICE CHARGE	\$	A 382,975.62	\$	164,400.86 42.93%	\$	218,574.76 57.07%	8			
NOTE: FOR TIME OF USE CUSTOMERS, THERE IS AN AI TO AN ADDITIONAL CHARGE OF \$5.50 PER METEI IF THE CHARGE FOR YOUR UTILITY DIFFERS FRO	R PER	MONTH AND \	MIL	L BE SHOWN	AS	A SEPARATE CH	LUDED IN THE F HARGE.	RATES. THIS AMOUNT	s	
IME OF USE COST OF POWER RATES		WINTER PEAK (KW)		SUMMER PEAK (KW)		PEAK (KWH)	WINTER OFF PEAK (KWH)	SUMMER PEAK (KWH)	SUMMER OFF PEAK (KWH)	
A) TIME OF USE COP \$	\$	1 848,453.23	\$	2 644,587.48	\$	1,193,871.06	\$ 453,226.23	\$1,155,764.91 <b>\$</b>	6 395,149.82	
B) KW SALES C) KWH SALES		93,124		92,844		18,841,375	13,002,974	22,083,809	16,512,256	
(D) KW RATE (A)/(B) (E) KWH RATE (A)/(C)	\$	9.11	\$	6.94		\$0.0634	\$0.0349	\$0.0523	\$0.0239	
COMBINE NON-TIME OF USE >50kW WITH TIME OF USE >50kW										
TO CALCULATE VARIABLE REVENUE AND SERVICE CH	IARGE	REVENUE								
		TRIBUTION		RIABLE		RVICE		CALCULATE DISTRIE	BUTION DEMA	ND (KW) RATE
	KE	VENUE	ΚE	VENUE		EVENUE		VARIABLE REVENUE	RETAIL KW	DISTRIBUTION KW RATE
RESIDENTIAL CLASS REVENUE REVENUE SHARE	\$	2,364,776.83	\$	1,015,133.38 42.93%		1,349,643.45 57.07%		\$ A \$ 665,974.93	B 543,826	C=A/E 1.2246
(A) NON-TIME >50kW REVENUE (A) TIME OF USE REVENUE	\$ \$	1,168,428.48 382,975.62 1,551,404.10	-							
(B) REVENUE SHARE (C) (A)'(B)			\$	42.93% 665,974.93		57.07% 885,429.17				
COMBINED MONTHLY SERVICE CHARGE	1	DISTRIBUTION REVENUE		VARIABLE REVENUE				MONTHLY S SERVICE CHARGE \$/MONTH/CUSTOME	R	
MONTHLY SERVICE CHARGE Non-Time of Use >50kW	\$	\$ A 1,168,428.48			\$			E=C/D/12		
MONTHLY SERVICE CHARGE Time of Use >50kW  MONTHLY SERVICE CHARGE	\$	382,975.62 1,551,404.10					177	7 \$416.87		
MONIFICI SERVICE CHARGE			_	42.93%		57.07%				
INTERMEDIATE USE				***************************************						
CALCULATE REVENUE REQUIREMENT		SALES IN BLOCK		RATE	1	REVENUE	Ē			
WINTER PEAK		KV	<b>/</b>	\$/KW 0.00			\$			
SUMMER PEAK SUBTOTAL		(	0	0.00						
MANAGE DE AK		KW	1	\$/KWH	H 0 \$	\$	i			
WINTER PEAK WINTER OFF PEAK			0	(	0 5	; -				
SUMMER PEAK			0		0 \$					
SUMMER OFF-PEAK SUBTOTAL			0	,	1					
TOTAL					\$	-				
INTERMEDIATE USE										
CALCULATE DISTRIBUTION REVENUE REQUIREMENT										

COST OF POWER TOTAL

B \$0 \$

ANNUAL REVENUE DISTRIBUTION REVENUE

C=A-B

RESIDENTIAL CLASS REVENUE REVENUE SHARE	\$	2,364,776.83	\$ 1,015,133.3 42.93		1,349,643.45 57.07%		\$ A \$ 11,312.49	B 6,024 \$	C≠A/B 1.8779
(A) STREET LIGHTING REVENUE (B) REVENUE SHARE (C) (A)'(B)	\$	26,352.70	42.93 \$ 11,312.4		57.07% 15,040.21		1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	3,12	
STREET LIGHTING MONTHLY SERVICE CHARGE	D	ISTRIBUTION REVENUE	VARIABI REVENU		SERVICE CHARGE REVENUE		MONTHLY SERVICE CHARGE \$/MONTH/CONNECTION	ON	
MONTHLY SERVICE CHARGE	\$	A 26,352.70	\$ 11,312.4 42.90		C=A-B \$ 15,040.21 57.07%	D 3604			
STREET LIGHTING COST OF POWER RATES									
		WINTER PEAK (KW)	SUMMI PE: (K	AK W)	PEAK (KWH)	WINTER OFF PEAK (KWH) 4	PEAK (KWH)	SUMMER OFF PEAK (KWH) 6	
(A) COP \$		1 \$37,485	\$4,75	2 55	3 \$23,941	<b>\$</b> 31,149		\$17,937	
(B) TOTAL COP \$		\$124,127							
(C) RETAIL KW		6,024							
(D) KW RATE (B)(C)	\$	20.61							
OR									
STREET LIGHTING TIME OF USE									
CALCULATE REVENUE REQUIREMENTS							CALCULATE DISTRI	BUTION REVENU	E REQUIREMENT
		SALES IN BLOCK KW	BLO RA \$/CONNEC ED I	TE CT-	REVENUE			TOTAL ANNUAL REVENUE	COST OF DISTRIBUTION POWER REVENUE
WINTER DEMAND SUMMER DEMAND		0		.00			\$	- A - \$	B C=A-B 124,126.82 \$ (124,126.82)
TOTAL		0			\$ -				
TO CALCULATE VARIABLE REVENUE AND SERVICE C	HARGE	REVENUE							
								CUTING CLASS	

WE PROPOSE TO USE THE SAME SHARES OF VARIABLE REVENUE AND SERVICE CLASS REVENUE TO DISTRIBUTION REVENUE TO THE STREET LIGHTING CLASS AS THOSE CALCULATED FOR THE RESIDENTIAL CLASS.

	DISTRIBUTION REVENUE	VARIABLE REVENUE	SERVICE CHARGE REVENUE	CALCULATE DISTI VARIABLE REVENUE	RIBUTION DEMAND (KW) RATE  RETAIL DISTRIBUTION  KW KW RATE
RESIDENTIAL CLASS REVENUE REVENUE SHARE	\$ 2,364,776.8	3 <b>\$</b> 1,015,133.38 42.93%		\$ A \$ (53,284.22)	B C=A/B 0 #DIV/0!
(A) STREET LIGHTING REVENUE (B) REVENUE SHARE (C) (A)'(B)	\$ (124,126.8	2) 42.93% \$ (53,284.22			0 #510/0:
STREET LIGHTING MONTHLY SERVICE CHARGE	DISTRIBUTIO REVENI			ONNECTIONS SERVICE CHARGE	
MONTHLY SERVICE CHARGE	\$ (124,126.8		B C=A-B 2) \$ (70,842.60)		
STREET LIGHTING COST OF POWER RATES					
	WINTI PE. (K	K PEAI	K PEAK	( PEAK PEAK ) (KWH) (KWH)	SUMMER OFF PEAK (KWH) 6
(A) COP \$	\$ 37,484.3	•		•	
(B) WINTER/SUMMER COP	1+3 \$ 92,574.				
(C) RETAIL KW		0	0		
(D) KW RATE (B)/(C)	#DIV/0!	#DIV/0!			

SHEET 5 - SUMMARY OF RATES AND CHARGES

NAME OF UTILITY

Halton Hills Hydro Inc. ED - 1999 - 0290

LICENCE NUMBER

DATE

23-Nov-00

FINAL

**VERSION NUMBER** 

NAME OF CONTACT

David J. Smelsky, CMA

**PHONE NUMBER** 

(519) 853-3700 ext. 225

# RATE SUMMARY (BEFORE MARR AND SENSITIVITY ANALYSIS)

### Normalized Rates Unbundled

RESIDENTIAL

Variable Rate **Fixed Rate**  42.93% 57.07%

DISTRIBUTION KWH RATE

\$0.0062

MONTHLY SERVICE CHARGE (PER CUSTOMER)

\$7.49

COST OF POWER KWH RATE

\$0.0684

## **RESIDENTIAL (TIME OF USE)**

DISTRIBUTION KWH RATE

\$0.0062

MONTHLY SERVICE CHARGE (PER CUSTOMER)

\$7.49

COST OF POWER TIME OF USE RATES

WINTER PEAK

WINTER OFF- SUMMER PEAK SUMMER OFF-\$/KWH

PEAK \$/KWH PEAK

\$/KWH \$0.1174

\$0.0352 \$0.0909

\$/KWH \$0.0242

# **GENERAL SERVICE < 50 KW**

DISTRIBUTION KWH RATE

\$0.0056

MONTHLY SERVICE CHARGE (PER CUSTOMER)

\$16.39

COST OF POWER KWH RATE

\$0.0673

# GENERAL SERVICE < 50 KW (TIME OF USE)

DISTRIBUTION KWH RATE

\$0.0056

MONTHLY SERVICE CHARGE (PER CUSTOMER)

\$16.39

COST OF POWER TIME OF USE RATES

WINTER PEAK

WINTER OFF- SUMMER PEAK SUMMER OFF-PEAK PEAK

\$/KWH

\$/KWH \$/KWH

\$/KWH

\$0.1071

\$0.0242 \$0.0352 \$0.0883

### GENERAL SERVICE > 50 KW (NON TIME OF USE)

DISTRIBUTION KW RATE

\$1.2246

\$416.87

MONTHLY SERVICE CHARGE COST OF POWER KW RATE

COST OF POWER KWH RATE

\$6.7272 \$0.0450

# GENERAL SERVICE > 50 KW (TIME OF USE)

DISTRIBUTION KW RATE

\$1,2246

# MISCELLANEOUS CHARGES

PLEASE ADD ANY MISCELLANEOUS CHARGES BELOW.	2	2000		<u>1999</u>
ACCOUNT SETUP CHARGE	\$	10.00	\$	10.00
ARREARS CERTIFICATE	\$	10.50	\$	10.50
COLLECTION OF ACCOUNT CHARGE	\$	7.00	\$	7.00
DISPUTE METER TEST	\$	10.00	\$	10.00
LATE PAYMENT		5.00%		5.00%
MONTHLY TIME OF USE METERING CHARGE	\$	20.00		\$0.00
RECONNECTION - At meter	\$	14.00	\$	14.00
RECONNECTION - At pole	\$	17.25	\$	17.25
RECONNECTION AFTER REGULAR WORKING HOURS	\$	50.00	\$	50.00
RETURNED CHEQUE CHARGE - PLUS BANK CHARGE	\$	10.50	\$	10.50
TEMPORARY SERVICE: OVERHEAD SINGLE PHASE SINGLE PHASE WITH SECONDARY VOLTAGE UNDERGROUND	\$ \$ \$ \$	210.00 300.00 130.00 120.00	\$ \$ \$	- - -

	FIRST 250 KWH	3000	0.1130	s	339.00	ANNUAL DISTRIBUTION CHARGE DISTRIBUTION		\$ 89,90	
	BALANCE YOTAL	27000	0.0730		1,971.00	KWH TOTAL	30000 0.0062	\$ 186.00 \$ 2,329.06	\$ 19,06 0.8%
GENERAL SERVICE < 50 KW									
ENTER DESIRED CONSUMPTION LEVEL	CURRENT BILL KW			CHAR	GE	UNBUNDLED BILL	RATE	CHARGE	IMPACT IMPACT
MONTHLY CONSUMPTION 28.80 KW,17680 KWH	0570,005,01470	•		s			\$/KW	\$	DOLLARS
SAMPLE #1 - Actual Customer July31/00	SERVICE CHARG 1ST BLOCK 50 KW	28.8	0.0000						
	2ND BLOCK				0.0000	DISTRIBUTION KW		\$ -	
	BALANCE	;	5.3000 MKWH		0.0000	COST OF POWER	\$KWH		
	1ST BLOCK 250 KWH	250	0.1130	\$	28.25	KWH	17680 0.0673	\$ 1,190.64	
	NEXT BLOCK 12250	12250	0.0780	\$	965.50	MONTHLY			
	NEXT BLOCK	0	0,0000	\$	_	DISTRIBUTION CHARGE		\$ 16.39	
	BALANCE	5180	0.0571		295.78	DISTRIBUTION KWH	17680 0.0056	\$ 99.79	
	TOTAL	17680		s	1,279.53	TOTAL		\$ 1,306.83	\$ 27.30 2.1%
								L	
MONTHLY CONSUMPTION 18 KW 6,700 KWH	CURRENT BILL KW		RATE	CHAF	KGE	UNBUNDLED BILL	RATE	CHARGE	IMPACT IMPACT
	K.		\$AKW	\$			\$/KW	\$	DOLLARS
Sample # 2 - Actual Customer Sept 06/00	SERVICE CHARG			\$	-				
	1ST BLOCK 50 KW 2ND BLOCK	. 18	0.0000	· S		DISTRIBUTION KW		<b>s</b> -	
	BALANCE	0	5.3000 \$/KWH			olo III. olo	\$/KWH		
	1ST BLOCK 250 KWH	250	0.1130	5	28.25	COST OF POWER	6700 0.0673	\$ 451.21	
	NEXT BLOCK 12250	6450	0.0780	\$	503.10				
						MONTHLY DISTRIBUTION CHARGE		\$ 16.39	
	NEXT BLOCK BALANCE	0	0.0000			DISTRIBUTION KWH	6700 0.0056		
	TOTAL	6700	0.0371	s	531 35	TOTAL		\$ 505.42	\$ (25.93) -4.9%
MONTHLY CONSUMPTION 20.10 KW, 6,240 KWH	CURRENT BILL KW		RATE \$/KW	CHAI \$	RGE	UNBUNDLED BILL	RATE \$/KW	CHARGE \$	IMPACT IMPACT DOLLARS
Sample #3 - Actual Customer June 13/00	SERVICE CHARG			\$	-				
	1ST BLOCK 50 KW	20.1	0.0000	\$				s .	
	2ND BLOCK BALANCE	0		\$		DISTRIBUTION KW	\$/KWH	\$ -	
	1ST BLOCK 250 KWH	250	\$/KWH 0.1130		28.25	COST OF POWER	6240 0.067	3 \$ 420.23	
	NEXT BLOCK 12250	5990	0 0780		467.22				
						MONTHLY DISTRIBUTION			
	NEXT BLOCK	0			•	CHARGE DISTRIBUTION	6240 0,005	\$ 16.39 6 \$ 35.22	
	BALANCE TOTAL	6240		1 <b>5</b>	495.47	KWH TOTAL	0240 0.000	\$ 471.84	\$ (23.63) 4.8%
	TOTAL	6240		•	430.41	10174			
GENERAL SERVICE> 50 KW NON	TIME OF USE								
ENTER DESIRED CONSUMPTION LEVEL	CURRENT BILL	v	RATE		RGE	UNBUNDLED 81LL	RATE	CHARGE	IMPACT IMPACT
MONTHLY CONSUMPTION 792KW,149760KWH	officer and a		\$/KW	5			\$/KW	\$	DOLLARS
Actual Customer	SERVICE CHARG 1ST BLOCK 50 KW	50	0.0000			COST OF POWER	792 6.727	2 \$ 5,327.93	
	2ND BLOCK	0				DISTRIBUTION KW		6 \$ 969.89	
	BALANCE	742			3,932.60		\$AKWH		
	1ST BLOCK 250 KWH	250	0.113	ю \$	28.25	COST OF POWER KWH	149760 0.045	60 \$ 6,735.23	
	NEXT BLOCK 12250	12250	0.078	ıo \$	955.50	MONTHLY			
	NEXT BLOCK	c	0.000	ю <b>\$</b>	-	DISTRIBUTION CHARGE		\$ 416.87	
	BALANCE	137260	0.057		7,837.55			\$ 13,449,91	\$ 696.02 5.5%
	TOTAL	149760	)	\$	12,753.90	TOTAL		\$ 13,449.91	\$ 696.02 5.5%
MONTHLY CONSUMPTION 100KW,20000KWH	CURRENT BILL	~	RATE \$/KW	CH/	ARGE	UNBUNDLED BILL	RATE S/KW	CHARGE \$	IMPACT IMPACT DOLLARS
				s					
	SERVICE CHARG			•					
	SERVICE CHARG	54	0.000		-	COST OF POWER KW	100 6.72	72 \$ 672.72	
		54 ( 54	0.000	00 \$				72 \$ 672.72 46 \$ 122.46	

	BALANCE	237500	0.0571	\$	13,561.25						
	TOTAL	250000		\$	16,930.00	TOTAL			\$ 15,636.13	\$ (1,293.87)	-7.6%
MONTHLY CONSUMPTION 1000KW,100000KWH	CURRENT BILL					UNBUNDLED BILL					
MONTHE! CONSOMPTION TOURING TOURING	KV		ATE MKW	CHA \$	ARGE			RATE MKW	CHARGE \$	IMPACT IN DOLLARS	MPACT .
	SERVICE CHARG			s	-	oost of bourn					
	1ST BLOCK 50 KW	50	0.0000	s	-	COST OF POWER KW	1000	6.7272	\$ 6,727.18		
	2ND BLOCK BALANCE	950	0,0000 5,3000		5,035.00	DISTRIBUTION KW	1000	1.2246	\$ 1,224.61		
	1ST BLOCK 250		жwн			COST OF POWER		s/kwh			
	KWH NEXT BLOCK	250	0,1130		28.25	KWH	100000	0.0450	\$ 4,497.35		
	12250	12250	0.0780	•	955.50	MONTHLY DISTRIBUTION					
	NEXT BLOCK BALANCE	87500	0.0000		4,996,25	CHARGE			\$ 416.87		
	TOTAL	100000		s	11,015.00	TOTAL			\$ 12,866.01	\$ 1,851.01	16.8%
MONTHLY CONSUMPTION 1000KW,300000KWH	CURRENT BILL		RATE MKW	CH.	ARGE	UNBUNDLED BILL		RATE \$/KW	CHARGE \$	IMPACT II DOLLARS	MPACT
	SERVICE CHARG		MV.AA	s	_			<b>2</b> /(**	•	5025****	
	1ST BLOCK 50 KW	50	0.0000		-	COST OF POWER KW	1000	6.7272	\$ 6,727.18		
	2ND BLOCK		0.0000			DISTRIBUTION KW	1000	1.2246	\$ 1,224,61		
	BALANCE	950	5.3000 \$/KWH	\$	5,035.00			\$/KWH			
	1ST BLOCK 250 KWH	250	0.1130	\$	28.25	COST OF POWER KWH	300000	0.0450	\$ 13,492.05		
	NEXT BLOCK 12250	12250	0.0780	\$	955.50	MONTHLY					
	NEXT BLOCK		0,0000	s	_	DISTRIBUTION CHARGE			\$ 416.87		
	BALANCE	287500	0.0571		16,416,25					. (574.00)	-2.6%
	TOTAL	300000		\$	22,435,00	TOTAL			\$ 21,860.70	\$ (574.30)	-2.6%
MONTHLY CONSUMPTION 1000KW,500000KWH	CURRENT BILL	w	RATE	CH	IARGE	UNBUNDLED BILL		RATE	CHARGE	IMPACT	MPACT
			\$/KW	\$				\$/KW	\$	DOLLARS	
	SERVICE CHARG			\$	* .	COST OF POWER		4 7474			
	1ST BLOCK 50 KW	50	0.0000		-	KW DISTRIBUTION KW	1000		\$ 6,727.18 \$ 1,224.61		
	2ND BLOCK BALANCE	950	0.0000 5.3000 \$/KWH		5,035.00	DISTRIBUTION KW	1000	s/kwh	1,224.01		
	1ST BLOCK 250 KWH	250	0.1130	s	28.25	COST OF POWER	500000		\$ 22,486.74		
	NEXT BLOCK 12250	12250	0.0780	\$	955.50						
	NEVT BLOOK		0,0000			MONTHLY DISTRIBUTION CHARGE			\$ 416.87		
	NEXT BLOCK BALANCE	487500	0.0571		27,836.25	CHARGE			4 10.0		
	TOTAL	500000		\$	33,855.00	TOTAL			\$ 30,855.40	\$ (2,999.60)	-8.9%
	USE										
	CURRENT BILL					UNBUNOLEO BILL					
ENTER DESIRED CONSUMPTION LEVELS	SERVICE CHARGE				20.0000						
	٠		RATE \$/KW	CF \$	HARGE			RATE S/KW	CHARGE \$	IMPACT DOLLARS	IMPACT
Sample # 1 Customer WINTER BILL	WINTER FIRST 50 KW	50				COST OF POWER					
	WINTER SECOND BLOCK		0.0000		-	WINTER PEAK	1277.1	9.111	D \$ 11,635.66		
	WINTER BALANCE BLOCK	1227.1		\$	6,763.78	WINTER PEAK	92408.58	\$/KWH	4 \$ 5,855,41		
			SKWH			WINTER OFF PEAK			9 \$ 10,193.41		
	WINTER PEAK FIRST BLOCK	250	0.1580	\$	39.50	DISTRIBUTION KW	1277.		6 \$ 1,563.95		
	WINTER PEAK					MONTHLY					
	NEXT BLOCK WINTER PEAK	6625			853.30	SERVICE CHARGE			416.8687		
	NEXT BLOCK WINTER BALANCE BLOCK	65533.58			7,569.72						
	WINTER OFF	292,446.99	0.0359		10,498.85						
	TOTAL	384,855.57		s	25,745.14	TOTAL			\$ 29,665.30	\$ 3,920.16	15.2%
	CURRENT BILL					UNBUNDLED SILL					
	SERVICE CHARGE				20.0000						
		ĸw	RATE \$AKW	C \$	HARGE			RATE \$/KW	CHARGE \$	IMPACT DOLLARS	IMPACT
Sample # 1 Customer SUMMER BILL	SUMMER FIRST 50 KW	50				COST OF POWER					
	SUMMER SECON BLOCK	0	0,000	0 \$	-	SUMMER PEAK	863,37	9 6.942	27 \$ 5,994.18		
	SUMMER BALANCE BLOCK	813.379	4.316	0 \$	3,510.54			\$AKWH			
	SUMMER PEAK		\$/KWH			SUMMER PEAK SUMMER OFF	38049.6	6 0.052	23 \$ 1,991.34		
	FIRST BLOCK	250	0.136	3 \$	34.08	PEAK	117700 1	1 0.023	9 \$ 2,816.65		

	TOTAL				s	-	MONTHLY DISTRIBUTION CHARGE TOTAL			#DIV/0:	#DIV/0!	#DIV/0!
	CURRENT BILL	ĸw		RATE	CHARGE		UNBUNDLED BILL		RATE	CHARGE	MPACT	IMPACT
				S/KW	\$		COST OF POWER		\$KW	s	DOLLARS	
	SUMMER PEAK		3000	0.0000 \$/KWH	\$	•	KW: SUMMER PEAK	3000	#D1V/0!	#DIV/O!		
	SUMMER PEAK	5/	00,000	0.0000			DISTRIBUTION KW	3000	#DIV/O!	#DīV/Q!		
	SUMMER OFF		00.000	0.0000			Dio Milo Morrison		SKWH			
	PEAK	~		0.0000	•	•	COST OF POWER					
							SUMMER PEAK	500000	#DIV/0!	#DIV/O!		
							SUMMER OFF PEAK	500000	#DIV/0!	#DIV/O!		
							MONTHLY					
							DISTRIBUTION CHARGE			#DIV/O!		
	TOTAL				s		TOTAL			#DIV/O!	#DIV/0!	#DIV/O!
MONTHLY CONSUMPTION 3000 KW, 1.5 MHLL KWH	CURRENT BILL	kw		RATE	CHARGE		UNBUNDLED BILL		RATE	CHARGE	IMPACT	IMPACT
	WINTER PEAK			SKW	\$	_			\$/KW	\$	DOLLARS	
	WINTER FEAR				•		COST OF POWER		•			
	WINTER PEAK	7.	50,000	9.0000	\$	-	KW: WINTER PEAK	3000	#D!V/0	#DIV/0!		
	WINTER OFF PEAK	7.	50,000	0.0000	\$	-						
							DISTRIBUTION KW	3000	#DIV/O	#DIV/0!		
							COST OF POWER					
							KWH: WINTER PEAK	750000	#DIV/0!	#DIV/0:		
							WINTER OFF PEAK	750000	#DIV/0*	#DIV/O!		
							MONTHLY DISTRIBUTION					
4	T0741					_	CHARGE TOTAL			#OIV/0!	#DIV/O!	#DIV/0!
	TOTAL				\$	-	TOTAL			#D(*)0.	#B1410.	#B1170.
	CURRENT BILL	ĸw		RATE	CHARGE		UNBUNDLED BILL		RATE	CHARGE	IMPACT	IMPACT
				\$/KW	s		COST OF POWER		\$/KW	5	DOLLARS	
	SUMMER PEAK		3000	0.0000 \$/KWH	s	•	KW: SUMMER PEAK	3000	#DIV/01	#DIV/0!		
	SUMMER PEAK	7	50,000	0.0000	s		DISTRIBUTION KW	3000	#DIV/0!	#DIV/0:		
	SUMMER OFF PEAK		750,000						SKWH			
	LAK		30,000	0.0000	•		COST OF POWER KWH:					
							SUMMER PEAK SUMMER OFF	750000	#D!V/0!	#DIV/0!		
							PEAK	750000	#DIV/0!	#DIV/0!		
							MONTHLY					
							DISTRIBUTION CHARGE			#DIV/0	4500.00	***************************************
	TOTAL				\$	-	TOTAL			#DIV/0!	#DIV/O	#DIV/0!
***************************************	en loocht on t						UNBUNDLED BILL					
MONTHLY CONSUMPTION 5000 KW, 0.5 MILE KWH	CURRENT BILL	KW		RATE	CHARGE		ONDONDEED BILL		RATE \$/KW	CHARGE \$	IMPACT DOLLARS	MPACT
	WINTER PEAK		5000	\$/KW 0.0000	\$	-	2007 05 000/50		****	•	DOLDING	
				SKWH			COST OF POWER KW:					
	WINTER PEAK WINTER OFF		250,000			•	WINTER PEAK	5000	0 #DIV/0!	#DIV/O!		
	PEAK	3	250,000	0.0000	\$	*						
							DISTRIBUTION KW	5000	0 #DIV/0!	#DIVIO!		
							COST OF POWER KWH:					
							WINTER PEAK	250,000		#DIV/0!		
							WINTER OFF PEAK MONTHLY	250,00	0 #DIV/0!	#DIV/0!		
							DISTRIBUTION CHARGE			#DIV/O		
	TOTAL				\$	-	TOTAL			#OIV/0!	#OIVIO!	#DIV/O
	CURRENT BILL	V.**		DATE	CHARGE		UNBUNDLED BILL		RATE	CHARGE	IMPACT	IMPACT
		KW		RATE \$/KW	\$		COST OF POWER		\$/KW	\$	DOLLARS	
	SUMMER PEAK		5000		\$	-	KW:	500	o #DIV/0!	#DIV/O!		
				\$/KWH			SUMMER PEAK					
	SUMMER PEAK SUMMER OFF		250,000			-	DISTRIBUTION KW	500		#DIV/0		
	PEAK		250,000	0 0000	) <b>\$</b>	-	COST OF POWER		\$/KWH			
							KWH: SUMMER PEAK	250,00	0 #DIV/0	#DIV/O		
							SUMMER OFF PEAK	250,00	io #DIV/0!	#DIV/0!		
							MONTHLY					
							DISTRIBUTION CHARGE			#DIV/O		
	TOTAL				\$	-	TOTAL			#DIV/0	#DIV/0!	#DIV/0!
MONTHLY CONSUMPTION 5000 KW, 1 MILL KWH	CURRENT BILL						UNBUNDLED BILL					

SHEET 7 - MARR (NO TAX) CALCULATIONS

NAME OF UTILITY

Halton Hills Hydro Inc.

LICENCE NUMBER

ED - 1999 - 0290 23-Nov-00

DATE **VERSION NUMBER** 

**FINAL** 

NAME OF CONTACT PHONE NUMBER

David J. Smelsky, CMA

(519) 853-3700 ext. 225

TARGET RATE OF RETURN CALCULATIONS AND ADJUSTED RATE CLASS SERVICE CHARGES NOTE: ANY RATE OF RETURN UP TO 9.88% MAY BE CHOSEN.

THE EXAMPLE SHOWS A TARGET ROE OF 4.0% FOR ILLUSTRATIVE PURPOSES ONLY. YOU CAN REPEAT THIS ANALYSIS AS MANY TIMES AS YOU WISH BY ENTERING A DIFFERENT TARGET ROE AND NOTING THE RESULTS BEFORE EACH ITERATION. YOU CAN THEN CHOOSE THE LEVEL YOU WISH TO USE. ONLY YOUR FINAL CHOICE NEEDS TO BE FILED.

### NOTE:

ON THIS SHEET, TARGET RATE OF RETURN IS CALCULATED WITHOUT TAXES. THIS VALUE WILL BE APPLIED TO RATES UNTIL MARKET OPENS. A TARGET RATE OF RETURN ADJUSTED FOR TAXES IS CALCULATED FOR THE PERIOD AFTER MARKET OPENING ON THE NEXT SHEET. THE DIFFERENCE BETWEEN THE VALUES ON THE TWO SHEETS IS THE AMOUNT RATES WILL HAVE TO INCREASE TO ALLOW FOR TAXES. THIS AMOUNT WILL BE ALLOCATED TO THE CLASSES IN THE SAME MANNER AS THE CHANGE IN REVENUE REQUIRED WITHOUT TAXES.

SOURCE: SEE APPENDIX D OF RATE HANDBOOK FOR RATE BASE CALCULATIONS. SEE CHAPTER 3 FOR DEBT RATE AND CER. USE 1999 YEAR END FINANCIAL STATEMENTS FOR 1999 RETURN \$.

2000 Rate Base (ie. 1999 rate base "wires only")

\$ 25,052,967.65

MARR

\$ 2,145,786.68

Target ROE

Effective Tax Rate (this is the rate deemed to be in

effect by the OEB)

1-CER Debt Rate 0.5000

0.0988

0.435 (tax comes into effect only when market opens)

0.5000 0.0725

Change in Revenue Required

MARR ~ (1999 RETURN \$)

MARR

\$ 2,145,786.68

1999 return \$

\$ Cannot be Negative- Refer to page 3-8 of Handbook

Change in Revenue Required

\$ 2,145,786.68

Deferred Amount (if any)

Phase in Year 2 Phase in Year 3 0.0% \$ 0.0% \$ - EQUAL Phase-In Process

EQUAL Phase-In Process

Change in Revenue to Be Allocated

\$ 2,145,786.68

		0.429		0.571		
(B) ALLOCATED INCREMENTAL RETURN (\$)	\$	92,261.29	\$	122,663.53	\$	214,924.82
(C) TARGETED BASE (A) +(B)	\$	281,060.24	\$	373,676.12	\$	654,736.36
(D) RETAIL KWH		33,449,509				
(E) NUMBER OF CUSTOMERS				1276		
(F) DISTRIBUTION KWH RATE (\$/KWH) (C)/(D)		\$0.0084				
(G) MONTHLY SERVICE CHARGE (C)/(E)/12				\$24.4041		
GENERAL SERVICE NON-TIME OF USE >50 KW						TOTAL
WAR OUR DENT DEVENUE DECUUDEMENTS	¢	VARIABLE REVENUE 501,574.07		SERVICE CHARGE		TOTAL DISTRIBUTION REVENUE 1,168,428.48
(A) CURRENT REVENUE REQUIREMENTS	\$	0.429		0.571	Ψ	1,100,420.40
(B) ALLOCATED INCREMENTAL RETURN (\$)	\$	245,106.62	\$	325,874.95	\$	570,981.57
(C) TARGETED BASE (A) +(B)	\$	746,680.69	\$	992,729.36	\$	1,739,410.05
(D) RETAIL KW		357,858				
(E) NUMBER OF CUSTOMERS				169		
(F) DISTRIBUTION KW RATE (\$/KW) (C)/(D)		\$2.0865				
(G) MONTHLY SERVICE CHARGE (C)/(E)/12				\$489.5115		
GENERAL SERVICE TIME OF USE > 50 KW						TOTAL
		VARIABLE		SERVICE		TOTAL DISTRIBUTION
(A) CURRENT REVENUE REQUIREMENTS	\$	REVENUE 164,400.86 0.429	\$	CHARGE 218,574.76 0.571	\$	REVENUE 382,975.62
(B) ALLOCATED INCREMENTAL RETURN (\$)	\$	80,338.56	\$	106,811.98	\$	187,150.54
(C) TARGETED BASE (A) +(B)	\$	244,739.41	\$	325,386.75	\$	570,126.16
(D) RETAIL KW		185,968	3			
(E) NUMBER OF CUSTOMERS				8	3	
(F) DISTRIBUTION KW RATE (\$/KW) (C)/(D)		\$1.3160	)			
(G) MONTHLY SERVICE CHARGE (C)/(E)/12				\$3,389.45		1
COMBINE NON-TIME OF USE >50kW WITH TIME OF USE >50kW						
		VARIABLI	E	SERVICI	Ξ	TOTAL DISTRIBUTION
(A) CURRENT REVENUE REQUIREMENTS	\$	REVENUI 665,974.93 0.429	\$	CHARGI 885,429.17 0.570	\$	REVENUE 1,551,404.10
(B) ALLOCATED INCREMENTAL RETURN (\$)	\$	325,445.18	\$	432,686.94	. \$	758,132.11

#DIV/0! (B) ALLOCATED INCREMENTAL RETURN (\$) #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! (C) TARGETED BASE (A) +(B) 0 (D) RETAIL KW 0 (E) NUMBER OF CUSTOMERS #DIV/0! (F) DISTRIBUTION KW RATE (\$/KW) (C)/(D) #DIV/0! (G) MONTHLY SERVICE CHARGE (C)/(E)/12

# BASED ON THE RELATIVE SHARES OF THE PRE-RATE OF RETURN ADJUSTMENT

RESIDENTIAL	VARIABLE REVENUE	SERVICE CHARGE	TOTAL DISTRIBUTION REVENUE
(A) REVENUE AT MARR WITHOUT TAXES	\$ 1,511,203.50 \$ 0.429	2,009,180.21	
(B) ALLOCATED TAX REVENUE REQUIREMENT	\$ 220,284.26 \$	292,873.04	\$ 513,157.30
(C) TARGETED BASE WITH TAXES (A) +(B)	\$ 1,731,487.75 \$	2,302,053.26	\$ 4,033,541.01
(D) RETAIL KWH	163,731,190		
(E) NUMBER OF CUSTOMERS		15013	
(F) DISTRIBUTION KWH RATE (\$/KWH) (C)/(D)	\$0.0106		
(G) MONTHLY SERVICE CHARGE (C)/(E)/12		\$12.7781	
SENTINEL LIGHTS	VARIABLE REVENUE	SERVICE CHARGE	TOTAL DISTRIBUTION REVENUE
(A) REVENUE AT MARR WITHOUT TAXES	\$ 5,551.19 \$ 0.429	7,380.43 0.571	· ·- · - · · · ·
(B) ALLOCATED TAX REVENUE REQUIREMENT	\$ 809.18 \$	1,075.83	\$ 1,885.01
(C) TARGETED BASE WITH TAXES (A) +(B)	\$ 6,360.37 \$	8,456.26	\$ 14,816.63
(D) RETAIL KW	1,265		
(E) NUMBER OF CONNECTIONS		506	
(F) DISTRIBUTION KW RATE (\$/KW) (C)/(D)	\$5.0280		
(G) MONTHLY SERVICE CHARGE (C)/(E)/12 (PER CONNECTION)		\$1.3927	
GENERAL SERVICE <50 KW CLASS	VARIABLE	SEBVICE	TOTAL DISTRIBUTION
(A) REVENUE AT MARR WITHOUT TAXES	\$ REVENUE 281,060.24 \$ 0.429	CHARGE 373,676.12 0.571	REVENUE \$ 654,736.36
(B) ALLOCATED TAX REVENUE REQUIREMENT	\$ 40,969.43 \$	54,469.81	\$ 95,439.24
(C) TARGETED BASE WITH TAXES (A) +(B)	\$ 322,029.67 \$	428,145.93	\$ 750,175.60
(D) RETAIL KWH	33,449,509		
(E) NUMBER OF CUSTOMERS		1276	3
(F) DISTRIBUTION KWH RATE (\$/KWH) (C)/(D)	\$0.0096		
(G) MONTHLY SERVICE CHARGE (C)/(E)/12		\$27.9615	
GENERAL SERVICE NON-TIME OF USE >50 KW	VARIABLE REVENUE	SERVICI CHARGI	E TOTAL DISTRIBUTION E REVENUE
(A) REVENUE AT MARR WITHOUT TAXES	\$ 746,680.69 \$ 0.429	992,729.36 0.57	\$ 1,739,410.05
(B) ALLOCATED TAX REVENUE REQUIREMENT	\$ 108,841.73 \$	144,707.61	\$ 253,549.34
(C) TARGETED BASE WITH TAXES (A) +(B)	\$ 855,522.42 \$	1,137,436.97	1,992,959.39

STREET LIGHTING	VARIABLE			TOTAL DISTRIBUTION
(A) REVENUE AT MARR WITHOUT TAXES	\$ REVENUE 16,840.61 0.429	\$	CHARGE 22,389.99 0.571	REVENUE \$ 39,230.60
(B) ALLOCATED TAX REVENUE REQUIREMENT	\$ 2,454.81	\$	3,263.73	\$ 5,718.54
(C) TARGETED BASE WITH TAXES (A) +(B)	\$ 19,295.43	\$	25,653.72	\$ 44,949.15
(D) RETAIL KW	6,024			
(E) NUMBER OF CONNECTIONS			3604	
(F) DISTRIBUTION KW RATE (\$/KW) (C)/(D)	\$3.2031			
(G) MONTHLY SERVICE CHARGE (C)/(E)/12 (PER CONNECTION)			\$0.5932	
LARGE USE	VARIABLE			TOTAL DISTRIBUTION
(A) REVENUE AT MARR WITHOUT TAXES	REVENUE #DIV/0! #DIV/0!		CHARGE #DIV/0! #DIV/0!	REVENUE #DIV/0!
(B) ALLOCATED TAX REVENUE REQUIREMENT	#DIV/0!		#DIV/0!	#DIV/0!
(C) TARGETED BASE WITH TAXES (A) +(B)	#DIV/0!		#DIV/0!	#DIV/0!
(D) RETAIL KW	C	)		
(D) RETAIL KW (E) NUMBER OF CUSTOMERS	C	)	(	)
, ,	#DIV/0!	)	(	)

TH TAXES)	Halton Hills Hydro Inc.	ED - 1999 - 0290	23-Nov-00	FINAL	David J. Smelsky, CMA	(519) 853-3700 ext. 225
SHEET 10 - RATE SUMMARY MARR (WITH TAXES)	NAME OF UTILITY	LICENCE NUMBER	DATE	VERSION NUMBER	NAME OF CONTACT	PHONE NUMBER

# SUMMARY TABLE OF RATES AND CHARGES WITH MARR AFTER MARKET OPENING AND BEFORE SENSITIVITY ANALYSIS

	DISTRIBUTION DISTRIBUTION KW RATE KWH RATE	JISTRIBUTION KWH RATE	MONTHLY SERVICE CHARGE	COSTOF (POWER KW RATE K	COST OF POWER KWH RATE	WINTER SI PEAK (KW) PI	COST OF SUMMER V PEAK (KW) P	COST OF POWER TIME OF USE RATES SUMME WINTER WINTER SUMME PEAK (KW) PEAK (KWH) OFF PEAK (FWH)	E OF USE RAINTER SUFF PEAK PE	% (WH)	SUMMER OFF PEAK
			(add meter charge if					<u>x</u>	(KWH)	٤	(1,004)
	MX/\$	\$/KWH	applicable) \$/KWH \$/CUSTOMER	\$/KW	#WX/\$	%/KW	\$/KW	\$/KWH	\$/KWH	\$/KWH	\$/KWH
RESIDENTIAL		\$0.0106	12.78		\$0.0684			\$0.1174	\$0.0352	\$0.0909	\$0.0242
GENERAL SERVICE < 50 KW		\$0.008	27.96		\$0.0673			\$0.1071	\$0.0352	\$0.0883	\$0.0242
GENERAL SERVICE > 50 KW (NON TIME OF USE)	\$2.0888		711.04	\$6.7272	\$0.0450						
GENERAL SERVICE TIME OF USE > 50 KW	\$2.0888		711.04			\$9.1110	\$6.9427	\$0.0634	\$0.0349	\$0.0523	\$0.0239
GENERAL SERVICE INTERMEDIATE USE	#DI//0i		#DIV/0i			#DIV/0i	#DIV/0i	#DI//0i	#DIV/0i	#DIV/0i	#DIV/0!
LARGE USE	i0//IQ#		#DIV/0i			i0/\lq#	#DIV/0i	#DIV/0i	#DIV/0i	#DI//\0i	#DI/\/0i
SENTINEL LIGHTS (NON TIME OF USE)	\$5.0280		1.39	\$20.6131							
OR SENTINEL LIGHTS (TIME OF USE)	\$5.0280		1.39			i0//IQ#	#DIV/0i				
STREET LIGHTING (NON TIME OF USE)	\$3.2031		0.59	\$20.6054							
OR STREET LIGHTING (TIME OF USE)	\$3.2031		0.59			i0/\lq#	#DIV/0i				
* SERVICE CHARGE IS PER CONNECTION											

	TOTAL	30000	1	<b>š</b> 2	310.00	TOTAL			s	2,523.75	s	213.75		9.3%
GENERAL SERVICE < 50 KW														
ENTER DESIRED CONSUMPTION LEVEL	CURRENT BILL					NEW BILL AFTER MARR								
ENTER DESIRED CONSOMPTION LEVEL	KW KW	RATE			RGE				CHA \$	RGE	IMPA: DOLL		MPAC*	г
	SERVICE	\$/KW		\$				<b>4</b> 1077	•		5000			
Monthly Consumption 28.80kW, 17680kWh	CHARGE 1ST BLOCK 50			\$	-									
Actual sample July 31/00	KW		0.0000	5	-	DIOTOIDUTION IAM			\$					
	2ND BLOCK BALANCE	0	5.3000	\$	-	DISTRIBUTION KW			•					
	1ST BLOCK	28.8 <b>\$</b> /KWH						\$/KWH						
	250 KWH	250	0.1130	\$	28.25	COST OF POWER KWH	17680	0.0673	\$	1,190.64				
	NEXT BLOCK 12250	12250	0.0780	\$	955.50									
			0.0000	•		MONTHLY DISTRIBUTION CHARGE			\$	27.96				
	NEXT BLOCK BALANCE		0.0571		295.78	DISTRIBUTION KWH	17680		\$	170.21				
	TOTAL	17680		\$	1,279.53	TOTAL			\$	1,388.82	\$	109.29		8.5%
						NEW BILL ACTED MADO								
MONTHLY CONSUMPTION 18 KW 6,700 KWH	CURRENT BILL KW	RATE		СНА	ARGE	NEW BILL AFTER MARR		RATE		ARGE	IMPA		IMPAC	т
Sample #2 Actual Customer Sept 6/00		\$/KW		\$				\$/KW	\$		DOLI	ARS		
	SERVICE CHARGE			\$										
	1ST BLOCK 50 KW	18	0.0000	\$										
	2ND BLOCK					DISTRIBUTION KW			\$	-				
	BALANCE	0 18 <b>\$</b> /KWH	5.3000	\$	•			\$/KWH						
	1ST BLOCK 250 KWH		0.1130		28.25	COST OF POWER KWH	6700	0.0673	5	451.21				
	NEXT BLOCK													
	12250	6450	0.0780	\$	503.10	MONTHLY								
	NEXT BLOCK BALANCE		0.0000 0.0571			DISTRIBUTION CHARGE DISTRIBUTION KWH	6700	0.0096	\$ \$	27.96 64.50				
									\$	543.67	\$	12.32		2.3%
	TOTAL	6700		5	531.35	TOTAL			•	343.07	•	12.02		2.070
MONTHLY CONSUMPTION 20.10 KW, 6,240 KW	H CURRENT BIT I					NEW BILL AFTER MARR								
	kw	RATE			ARGE			RATE \$/KW	CH.	ARGE	(MP)	ACT LARS	IMPAG	т
Sample #3 Actual Customer June 13/00	SERVICE	\$/KW		\$				\$17.77	•		001	2, 10		
	CHARGE 1ST BLOCK 50			5										
	KW		0.0000	\$	-	DISTRIBUTION ISS			\$					
	2ND BLOCK BALANCE	0	5.3000	5	-	DISTRIBUTION KW			•					
	1ST BLOCK	20.1 \$/KWH						\$/KWH						
	250 KWH	250	0.1130	\$	28.25	COST OF POWER KWH	6240	0.0673	\$	420.23				
	NEXT BLOCK 12250	5990	0.0780	\$	467.22									
	NEXT BLOCK	0	0.0000	•	_	MONTHLY DISTRIBUTION CHARGE			\$	27.96				
	BALANCE		0.0571		-	DISTRIBUTION KWH	6240	0.0096	\$	60.07				
	TOTAL	6240		\$	495.47	TOTAL			\$	508.26	\$	12.79		2.6%
GENERAL SERVICE > 50 KW														
ENTER DESIRED CONSUMPTION LEVEL	CURRENT BILL					NEW BILL AFTER MARR								
ENTER DESIRED CONSTRUCTION	KW	RATE		CH	IARGE			RATE \$/KW	CH \$	IARGE		ACT LLARS	IMPA	ст
	SERVICE	\$/KW							•					
Monthly Consumption 792kW 149760kWh	CHARGE 1ST BLOCK 50			\$	-									
Sample Actual Customer	KW 2ND BLOCK	50	0.0000		-	COST OF POWER KW DISTRIBUTION KW	79: 79:			5,327.93 1,654.32				
	BALANCE	742	5.3000		3,932.60	B	. • •	\$/KWH						
	1ST BLOCK	792 \$/KWH	1											
	250 KWH NEXT BLOCK	250	0.1130	\$	28.25	COST OF POWER KWH	13726	0.0450	\$	6,173.06				
	12250	12250	0.0780	\$	955.50									
	NEXT BLOCK	0	0.0000	\$		MONTHLY DISTRIBUTION CHARGE				\$711.04				
	BALANCE	137260			7,837.55									
	TOTAL			\$	12,753.90	TOTAL			\$	13,866.35	\$	1,112.45	•	8.7%
MONTHLY CONSUMPTION 100KW,20000KWH	CURRENT BILL					NEW BILL AFTER MARR		D		MBQE.		DACT		LCT.
	KW	RATE \$/KW		CI \$	HARGE			RATE \$/KW	\$	HARGE		PACT LLARS	MPA	iC1
	SERVICE	•												
	CHARGE 1ST BLOCK 50			\$	•									
	KW 2ND BLOCK	50 0	0.0000		-	COST OF POWER KW DISTRIBUTION KW	10 10			672.72 208.88				
	BALANCE	50	5.3000					\$/KWH						
	1ST BLOCK	100 \$/KW	1											
	250 KWH NEXT BLOCK	250	0.1130	\$	28.25	COST OF POWER KWH	2000	0.0450	\$	899.47				
	12250	12250	0.0780	\$	955.50									

	TOTAL	250000	\$	16,930.00	TOTAL		\$ 16,362.40	\$ (567.60) -3.4%
		20000		•	NEW DILL AFTER MARR			
MONTHLY CONSUMPTION 1000KW,100000KWH	CURRENT BILL KW	RATE \$/KW	C <b>S</b>	HARGE	NEW BILL AFTER MARR	RATE \$/KW	CHARGE \$	IMPACT IMPACT DOLLARS
	SERVICE CHARGE	•	\$					
	1ST BLOCK 50 KW		0.0000 \$ 0.0000 \$		COST OF POWER KW DISTRIBUTION KW	1000 6.7272 1000 2.0888		
	2ND BLOCK BALANCE			5,035.00		\$/KWH		
	1ST BLOCK 250 KWH	250	0.1130	28.25	COST OF POWER KWH	100000 0.0450	\$ 4,497.35	
	NEXT BLOCK 12250	12250	0.0780 \$	955.50	MONTHLY			
	NEXT BLOCK BALANCE		0.0000 \$ 0.0571 \$	- 4,996.25	DISTRIBUTION CHARGE		\$711.04	
	TOTAL	100000	9	11,015.00	TOTAL		\$ 14,024.36	\$ 3,009.36 27.3%
MONTHLY CONSUMPTION 1000KW,300000KWH	CURRENT BILL				NEW BILL AFTER MARR		au pos	IMPACT IMPACT
	ĸw	RATE \$/KW	:	CHARGE 5		RATE \$/KW	CHARGE \$	DOLLARS
	SERVICE CHARGE		:	-				
	1ST BLOCK 50 KW	50	0.0000		COST OF POWER KW DISTRIBUTION KW	1000 6.7272 1000 2.0888		
	2ND BLOCK BALANCE	950		5 5,035.00	DISTRIBUTION	\$/KWH	-,	
	1ST BLOCK	1000 \$/KWH			ALAN OF DOMED WALL		0 \$ 13,492.05	
	250 KWH NEXT BLOCK	250	0.1130		COST OF POWER KWH	300000 0.045	0 \$ 13,492.03	
	12250	12250	0.0780		MONTHLY		\$711.04	
	NEXT BLOCK BALANCE	287500	0.0000 0.0571	\$ - \$ 16,416.25	DISTRIBUTION CHARGE		3/1004	
	TOTAL	300000		\$ 22,435.00	TOTAL		\$ 23,019.05	\$ 584.05 2.6%
MONTHLY CONSUMPTION 1000KW,500000KWH	CURRENT BILL				NEW BILL AFTER MARR	5,75	CHARGE	IMPACT IMPACT
	KW	RATE \$/KW		CHARGE \$		RATE \$/KW	\$	DOLLARS
	SERVICE CHARGE			\$ -				
	1ST BLOCK 50 KW	50	0.0000	s -	COST OF POWER KW		2 \$ 6,727.18	
	2ND BLOCK BALANCE	950	0.0000 5.3000	\$ - \$ 5,035.00	DISTRIBUTION KW	1000 2.088	88 \$ 2,088.79	
	1ST BLOCK	1000 \$/KWI	+			\$/KWH		
	250 KWH NEXT BLOCK	250	0.1130		COST OF POWER KWH	500000 0.045	50 \$ 22,486.74	
	12250	12250	0.0780		MONTHLY		\$711.04	
	NEXT BLOCK BALANCE	487500	0.0000 0.0571	\$ - \$ 27,836.25	DISTRIBUTION CHARGE		9111.04	
	TOTAL	500000		\$ 33,855.00	TOTAL		\$ 32,013.75	\$ (1,841.25) -5.4%
GENERAL SERVICE >50 KW TIME OF L	JSE							
	CURRENT BILL				UNBUNDLED BILL			
ENTER DESIRED CONSUMPTION LEVELS	SERVICE CHARGE			0.0000		RATE	CHARGE	IMPACT IMPACT
Actual Customer Winter Bill	KW	RATE \$/KW		CHARGE \$		\$/KW	\$	DOLLARS
	WINTER FIRST 50 KW WINTER	50	0.0000	<b>s</b> -	COST OF POWER			
	SECOND BLOCK		0.0000	s -	WINTER PEAK	1277.1 9.1	110 \$ 11,635.66	
	WINTER BALANCE							
	BLOCK	1227.1 1277.1 \$/KW		\$ 6,763.78	WINTER PEAK WINTER OFF PEAK		634 \$ 5,855.41 349 \$ 10,193.41	
	WINTER FIRST 50kW	250	0.1580	\$ 39.50	DISTRIBUTION KW		388 \$ 2,667.59	
	WINTER PEAK				MONTHLY SERVICE CHARGE		711.04	
	NEXT BLOCK WINTER PEAK	6625	0.1288		OTP.NOE			
	NEXT BLOCK WINTER BALANCE	0	0.0885	s -				
	BLOCK WINTER OFF	85533.58	0.0885	\$ 7,569.72				
	PEAK ALL	292446.99	0.0359	\$ 10,498.85				
	TOTAL	384855.57		\$ 25,725.14	TOTAL		\$ 31,063.11	\$ 5,337.97 20.8%
	CURRENT BILL				UNBUNDLED SILL			
	SERVICE CHARGE	Ē		0.0000				
	K	N RAT		CHARGE \$		RATE \$/KW	CHARGE \$	IMPACT IMPACT DOLLARS
Sample Customer Summer Bill	SUMMER FIRST 50 KW	50	0.0000		COST OF POWER			

		:	\$/KW	s			\$	/KW	\$	DOLLARS	
	WINTER PEAK	3000	0.0000 \$/KWH	\$	•	COST OF POWER KW:					
			⊅\KAA⊔			COST OF FOREIGN.					
	WINTER PEAK	500,000	0.0000	\$	-	WINTER PEAK	3000	#DIV/03	#DIV/0!		
	WINTER OFF	E00 00B	0.0000								
	PEAK	500,000	0.0000	J	-	DISTRIBUTION KW	3000	#DIV/0!	#DIV/0!		
						COST OF POWER KWH: WINTER PEAK	500000	#DIV/0!	#DIV/0!		
						WINTER OFF PEAK	500000	#DIV/0!	#DIV/0!		
						MONTHLY					
				\$		DISTRIBUTION CHARGE TOTAL			#DIV/0! #DIV/0!	#DIV/0!	#DIV/0!
	TOTAL			2	•	TOTAL			#B.170.		
						NEW BILL AFTER MARR					
	CURRENT BILL KW		RATE	CHAR	RGE	NEW BILL AFTER MARK	F	RATE	CHARGE	IMPACT	IMPACT
	K,		\$/KW	\$			;	s/KW	\$	DOLLARS	
	SUMMER					COST OF DOWER KW.					
	PEAK	3000	0.0000 \$/KWH	\$	•	COST OF POWER KW: SUMMER PEAK	3000	#D!V/0!	#DIV/0!		
	SUMMER		20104411								
	PEAK	500,000	0.0000	\$	•	DISTRIBUTION KW	3000	#DIV/0!	#D!V/0!		
	SUMMER OFF	500,000	0.0000					\$/KWH			
	PEAK	500,000	0.0000	•		COST OF POWER KWH:					
						SUMMER PEAK	500000	#DIV/0!	#DIV/0!		
						SUMMER OFF PEAK	500000	#DIV/0!	#DIV/0!		
						MONTHLY					
						DISTRIBUTION CHARGE			#DIV/0!	400.00	#D11/101
	TOTAL			\$	-	TOTAL			#DIV/0!	#DIV/0!	#DIV/0!
MONTHLY CONSUMPTION 3000 KW, 1.5 MILL N	CURRENT RILL					NEW BILL AFTER MARR					
MONTHET CONSUMPTION 3000 RM, 1.3 MILE P	KW	,	RATE	CHAS	RGE	_		RATE	CHARGE	IMPACT	IMPACT
			\$/KW	\$				\$/KW	\$	DOLLARS	
	WINTER PEAK	3000	0.0000	•							
	WINTERFEAR		\$/KWH	•		COST OF POWER KW:					
							2000	#DIV/01	#DIV/0!		
	WINTER PEAK WINTER OFF	750,000	0.0000	\$	-	WINTER PEAK	3000	#D(V/U:	#[3770:		
	PEAK	750,000	0.0000	\$	-						
						DISTRIBUTION KW	3000	#DIV/0!	#DIV/0!		
						COST OF POWER KWH:					
						WINTER PEAK	750000	#DIV/0!	#DIV/0!		
						WINTER OFF PEAK	750000	#DIV/0!	#DIV/0!		
						MONTHLY DISTRIBUTION CHARGE			#DIV/0!		
	TOTAL			\$	_	TOTAL			#DIV/0!	#DIV/0!	#DIV/0!
	TOTAL										
	CURRENT BILL					NEW BILL AFTER MARR					
	KV	٧	RATE	CHA	RGE			RATE	CHARGE	IMPACT	IMPACT
			\$/KW	\$				\$/KW	\$	DOLLARS	
	SUMMER PEAK	3000	0.0000	1 \$	_	COST OF POWER KW:					
	LAK	••••	\$/KWH			SUMMER PEAK	3000	#DIV/0!	#DIV/0!		
	SUMMER		0.000			DISTRIBUTION KW	3000	#DIV/0!	#DIV/0!		
	PEAK SUMMER OFF	750,000	0.0000	, ъ	•	DISTRIBUTION K	3000	#D1110.	WDIVIO.		
	PEAK	750,000	0.000	\$	-			\$/KWH			
						COST OF POWER KWH:	750000	#DIV/0!	#DIV/0!		
						SUMMER PEAK SUMMER OFF PEAK	750000		#DIV/0!		
						MONTHLY DISTRIBUTION CHARGE			#DIV/0!		
	TOTAL			•		TOTAL TOTAL			#DIV/0!	#DIV/0!	#DIV/0!
	TOTAL			•	-				•		
LARGE USE											
ENTER DESIRED CONSUMPTION LEVEL	CURRENT BILL					NEW BILL AFTER MARR					
	K\	v	RATE		RGE			RATE \$/KW	CHARGE \$	IMPACT DOLLARS	IMPACT
			\$/KW	\$				201.44	4	DOLLARS	
	WINTER PEAK		0.000	0 \$							
			\$/KWH			COST OF POWER KW:					
	WINTER PEAK		0.000	n •		WINTER PEAK		#DIV/0	#DIV/0!		
	WINTER OFF		0.000	•							
	PEAK		0.000	0 \$	•			#DIV/OI	#Di\//01		
						DISTRIBUTION KW		#DIV/0!	#DIV/0!		
						COST OF POWER KWH:					
						WINTER PEAK		#DIV/0!	#DIV/0!		
						WINTER OFF PEAK MONTHLY		#DIV/0!	#DIV/0!		
						DISTRIBUTION CHARGE			#DIV/0!		
	TOTAL			\$	-	TOTAL			#DIV/0!	#DIV/0!	#DIV/0!
	CURRENT BILL					UNBUNDLED BILL					
		w	RATE		ARGE			RATE \$/KW	CHARGE \$	IMPACT DOLLARS	IMPACT
	SUMMER		\$/KW	\$				D/ 17.79	J	DOLLARS	
	PEAK		0.000	0 \$	-						
			\$/KWH			SUMMER PEAK		#DIV/0!	#DIV/0!		
	SUMMER		0.000	• 00		DISTRIBUTION KW		#DIV/0!	#DIV/0!		
	PEAK SUMMER OFF		0.000		-	p.ggo non					
	PEAK		0.000	xo \$				\$/KWH			

CURRENT BILL	kw	RATE \$/KW		CHARGE \$	i.	UNBUNDLED BILL		RATE \$/KW	CHARGE \$	PACT DLLARS	IMPACT
SUMMER PEAK		5000 \$/KW	0.0000	s	-	COST OF POWER KW: SUMMER PEAK	5000	#DIV/0!	#DIV/0!		
SUMMER PEAK SUMMER OFF		,000	0.0000	s		DISTRIBUTION KW	5000	#OIV/0!	#DIV/0!		
PEAK		,000	0.0000	\$	-	COST OF POWER KWH: SUMMER PEAK SUMMER OFF PEAK	750,000 750,000	\$/KWH #DIV/0! #DIV/0!	#DIV/0! #DIV/0!		
TOTAL				s	-	MONTHLY DISTRIBUTION CHARGE TOTAL			#DIV/0! #DIV/0!	#DIV/0!	#DIV/0!

											_		n.o.		
	SERVICE		;	\$/KWH	1	5					\$		DOL	LARS	
MONTHLY CONSUMPTION OF 2000 KWH	CHARGE				:	8	•	COST OF POWER MONTHLY	2000	0.0684	\$	136.88			
								DISTRIBUTION			s	7.88			
	FIRST 250 KWH	•	250		0.1130	5	28.25	CHARGE DISTRIBUTION							
	BALANCE TOTAL		1750 2000		0.0730	\$ \$	127.75 156.00	KWH TOTAL	2000	0.0058	\$ \$	11.55 156.31	\$	0.31	0.2%
	TOTAL		2000				100,00								
		кwн		RATE			RGE		кwн	RATE		<b>IR</b> GE		ACT	IMPACT
	SERVICE			\$/KWH	. :	\$				SKWH	\$		DOL	LARS	
ANNUAL CONSUMPTION OF 20000 KWH	CHARGE					\$	-	COST OF POWER ANNUAL	20000	0.0684	\$	1,368.77			
								DISTRIBUTION			s	04.54			
	FIRST 250 KWI	•	3000		0.1130	\$	339.00	CHARGE DISTRIBUTION				94.51			
	BALANCE		17000 20000		0.0730		1,241.00 1,580.00	KWH TOTAL	20000	0.0058	\$	115.54 1,578.83	\$	(1.17)	-0.1%
	TOTAL		20000			•	1,550.50	,							
		KWH		RATE			ARGE		KWH	RATE		ARGE		ACT	IMPACT
	SERVICE			\$/KWH	ı	\$				<b>S/KWH</b>	\$		Ю	LLARS	
ANNUAL CONSUMPTION OF 30000 KWH	CHARGE					\$	•	COST OF POWER ANNUAL	30000	0.0684	\$	2,053.16			
								DISTRIBUTION			\$	94.51			
	FIRST 250 KW	4	3000		0.1130		339.00	CHARGE DISTRIBUTION							
	BALANCE TOTAL		27000 30000				1,971.00 2,310.00	KWH TOTAL	30000	0.0058	\$	173.32 2,320.99	\$	10.99	0.5%
	TOTAL		30000			•	2,510.00								
GENERAL SERVICE <50 KW															
	VARIABL	CED.	ICE CHARG	TOTA	AL REVENUE										
(A) DISTRIBUTION REVENUE	REVENU	SERV	OL SHARE	\$	439,811.54										
(B) CHOSEN REVENUE SHARES	0.400	o.	0.6000												
(C) RE-ALLOCATED REVENUE (A)*(B)	\$ 175,924.6		263,886.92		439,811.54										
			,												
(D) RETAIL KWH	33,449,50	9													
(E) NUMBER OF CUSTOMERS			1276	i											
(F) DISTRIBUTION KWH RATE (\$/KWH) (C)/(D)	\$0.005	3													
(G) MONTHLY SERVICE CHARGE (C)/(E)/12			\$17.2340												
ENTER DESIRED CONSUMPTION LEVEL	CURRENT BIL							UNBUNOLED BILL		RATE	^L	HARGE	184	PACT	IMPACT
		KW		RATE \$AKW		CH S	IARGE			\$/KW	\$	TARGE		CLLARS	INF ACT
20 BRILLY 1709ALWA	SERVICE CHARGE					RE	QUIREMENT								
Monthly Consumption 28.80kW, 17680kWh	1ST BLOCK 50	)			0.0000										
Actual sample July 31/00	KW		28.8		0.0000	ð	•								
	2ND BLOCK BALANCE		0		5.3000	\$	*	DISTRIBUTION K	W	0 \$ -	\$	-			
	1ST BLOCK 2	ēn.	28.8	s skw	н			COST OF POWER	₹	\$XWH					
	KWH	~	250	)	0.1130	\$	28.25	кwн	1768	0.0673	\$	1,190.64			
	NEXT BLOCK 12250		12250	)	0.0780	\$	955.50								
								MONTHLY DISTRIBUTION							
	NEXT BLOCK					\$	-	CHARGE DISTRIBUTION				\$17.2340			
	BALANCE		5180	0	0.0571	\$	295.78	KWH	1766	30 0.0053	\$	92.99			
	TOTAL		17680	0		\$	1,279.53	TOTAL			\$	1,300.86	\$	21.3	4 1.7%
MONTHLY CONSUMPTION 18 KW,6700 KWH	CURRENT BI	L KW		RATE	-	C	HARGE	UNBUNDLED BIL	L	RATE	С	HARGE	i.k	<b>IPACT</b>	IMPACT
Sample#2 Actual Customer June 13/00		KVV		\$/KW		s	VII.OL			\$/KW	\$		D	OLLARS	
	SERVICE CHARGE					\$	•								
	1ST BLOCK 5 KW	0	1	8	0.0000	\$	-								
								DISTRIBUTION	w	0	\$	-			
	2ND BLOCK BALANCE			0	5.3000	<b>s</b>	•			\$/KWH					
	1ST BLOCK 2	:50		8 <b>\$</b> /KW				COST OF POWE				451.04			
	KWH NEXT BLOCK		25	0	0.1130	\$	28.25	KWH	67	00 0.067	<b>3</b> \$	451.21			
	12250		645	ю	0.0780	\$	503.10	MONTHLY							
								DISTRIBUTION				17.23			
	NEXT BLOCK					S		CHARGE DISTRIBUTION							
	BALANCE				0.057	1 \$	-	KWH	67	00 0.005	3 \$	35.24			
	TOTAL		670	ю		\$	531.35	TOTAL			\$	503.68	\$	(27.	67) +5.2%
MONTHLY CONSUMPTION 20.10 KW, 6,240 KWH	CURRENT B	LL KW		RAT	E	С	HARGE	UNBUNDLED B	LL	RATE		CHARGE		мРАСТ	IMPACT
Sample #3 Actual Customer June 13/00				\$/KV		\$				\$/KW	1		C	OOLLAR	S
	SERVICE CHARGE					\$									
	1ST BLOCK :	50	20	.1	0.000	0 <b>s</b>									
	2ND BLOCK							DISTRIBUTION	kW	0	,				
	BALANCE			0	5.300	0 \$				\$/KWH					
	1ST BLOCK	250		.1 \$/KV				COST OF POWI	ER		,,	t 400.00			
	KWH		25	50	0.113	0 \$	28.25	KWH	61	240 0.067	3	\$ 420.23			

					MONTHLY DISTRIBUTION			
	NEXT BLOCK BALANCE	27500	0.0000 0.0571	\$ - \$ 1,570.25	CHARGE		\$ 438.25	
	TOTAL	40000		\$ 2,819.00	TOTAL		\$ 3,024.02	\$ 205.02 7.3%
MONTHLY CONSTITION 500KW,150000KWH	CURRENT BILL				UNBUNDLED BILL		411505	NACACT IMPACT
	KW SERVICE	RATE \$/KW		CHARGE \$		RATE \$AKW	CHARGE \$	IMPACT IMPACT DOLLARS
	CHARGE 1ST BLOCK 50			s -	COST OF POWER			
	ĸw	50	0.0000		ĸw	500 6.7272		
	2ND BLOCK BALANCE	450	0,0000 5.3000	\$ - \$ 2,385.00	DISTRIBUTION KW	500 1.1411 \$AKWH	\$ 570.55	
	1ST BLOCK 250	500 <b>\$</b> /KWH 250	0.1130	\$ 28.25	COST OF POWER	150000 0.0450	\$ 6,746.02	
	KWH NEXT BLOCK 12250	12250	0.0780				• -,	
					MONTHLY DISTRIBUTION			
	NEXT BLOCK BALANCE	137500	0. <b>0000</b> 0.0571	\$ - \$ 7,851.25	CHARGE		\$ 438.25	
	TOTAL	150000		\$ 11,220.00	TOTAL		\$ 11,118.41	\$ (101.59) -0.9%
MONTHLY CONSUMPTION 500KW,200000KWH	CURRENT BILL				UNBUNDLED BILL			
MONTHLY CONSOMPTION SOURT, 2000000	kw	RATE \$/KW		CHARGE \$		RATE \$/KW	CHARGE \$	IMPACT IMPACT DOLLARS
	SERVICE CHARGE			<b>s</b> -				
	1ST BLOCK 50 KW	50	0.0000	<b>s</b> -	COST OF POWER KW	500 6.7272	\$ 3,363.59	
	2ND BLOCK BALANCE	450	0.0000	\$ - \$ 2,385.00	DISTRIBUTION KW	500 1.1411	\$ 570.55	
	1ST BLOCK 250	500 \$/KWH	5 0000	2,000.00	COST OF POWER	\$/KWH		
	KWH NEXT BLOCK	250	0.1130		кwн	200000 0.0450	\$ 8,994.70	
	12250	12250	0.0780	\$ 965.50	MONTHLY			
	NEXT BLOCK BALANCE	187500	0.0000	\$ - \$ 10,706.25	DISTRIBUTION CHARGE		\$ 438.25	
	TOTAL	200000	5.0011	\$ 14,075.00	TOTAL		\$ 13,367.09	\$ (707.91) -5.0%
	CURRENT BILL				UNBUNDLED BILL			
MONTHLY CONSUMPTION 500KW,250000KWH	KW KW	RATE \$/KW		CHARGE \$		RATE \$/KW	CHARGE \$	IMPACT IMPACT DOLLARS
	SERVICE CHARGE			\$ -				
	1ST BLOCK 50 KW	50	0.0000	) <b>\$</b> -	COST OF POWER KW	500 6.727	2 \$ 3,363.59	
•	2ND BLOCK BALANCE	450	0.0000	) \$ - ) \$ 2,385.00	DISTRIBUTION KW	500 1.141	1 \$ 570.55	
	1ST BLOCK 250	500 <b>\$</b> /KWH			COST OF POWER	\$/KWH		
	KWH NEXT BLOCK	250	0.1130		кwн	250000 0.045	0 \$ 11,243.37	
	12250	12250	0.0780	5 955.50	MONTHLY DISTRIBUTION			
	NEXT BLOCK BALANCE	237500	0.0000	\$ · - 1 \$ 13,561.25	CHARGE		\$ 438.25	
	TOTAL	250000		\$ 16,930.00	TOTAL		\$ 15,615.76	\$ (1,314.24) -7.8%
					UNBUNDLED BILL			
MONTHLY CONSUMPTION 1000KW,100000KWH	CURRENT BILL KW	RATE \$/KW		CHARGE \$	UNDONULED BILL	RATE \$/KW	CHARGE \$	IMPACT IMPACT DOLLARS
	SERVICE CHARGE	•		\$ ·				
	1ST BLOCK 50 KW	50	0.000	o <b>\$</b> -	COST OF POWER KW	1000 6.727	72 \$ 6,727.18	
	2ND BLOCK	950	0.000	0 \$ - 0 \$ 5,035.00	DISTRIBUTION KW	1000 1.141	11 \$ 1,141.10	
	BALANCE 1ST BLOCK 250	1000 <b>\$/</b> KWH	5.300	0 \$ 3,030.00	COST OF POWER	\$/KWH		
	KWH NEXT BLOCK	250	0.113		KWH	100000 0.045	50 \$ 4,497.35	
	12250	12250	0.078	0 \$ 965.50	MONTHLY			
	NEXT BLOCK	87500	0.000	0 \$ - 1 \$ 4,996.25	DISTRIBUTION CHARGE		\$ 438.25	
	BALANCE TOTAL	100000	0.037	\$ 11,015.00	TOTAL		\$ 12,803.88	\$ 1,788.88 16.2%
		•						
MONTHLY CONSUMPTION 1000 KW,300000KWH	CURRENT BILL KW	RATÉ		CHARGE	UNBUNDLED BILL	RATE	CHARGE	IMPACT IMPACT DOLLARS
	SERVICE CHARGE	\$/KW		\$ \$ -		\$AKW	\$	DOLLAND
	1ST BLOCK 50 KW	50	0.000		COST OF POWER	1000 6.72	72 \$ 6,727.18	
	2ND BLOCK	24	0.000	ю <b>s</b> -	DISTRIBUTION KW		11 \$ 1,141.10	
	BALANCE	950 1000 \$/KWH		00 \$ 5,035.00	COST OF POWER	\$/KWH		
	1ST BLOCK 250 KWH	250	0.113	<b>30 \$ 28.2</b> 5	COST OF POWER KWH	300000 0.04	50 \$ 13,492.05	

	TOTAL		\$	9,415.00	TOTAL		\$ 12,225.62	\$ 2,810.62	29.9%
INTERMEDIATE USE	VARIABL		<b>.</b>						
(A) DISTRIBUTION REVENUE	REVENU SERVICE	CHARG TOTAL RE	VENUE						
(B) CHOSEN REVENUE SHARES	0.400	0.600							
(C) RE-ALLOCATED REVENUE (A)*(B)	s - s	- \$	-						
(D) RETAIL KW	0								
		0							
(F) DISTRIBUTION KW RATE (\$KW) (C)(D)	#DIV/0!								
(G) MONTHLY SERVICE CHARGE (C)/(E)/12	#DI	V/0!							
ENTER DESIRED CONSUMPTION LEVEL	CURRENT BILL KW	RATE	c	HARGE	UNBUNDLED BILL	RATE	CHARGE	IMPACT	IMPACT
	N.V	\$AKW	\$			\$/KW	S	DOLLARS	
	WINTER PEAK		0.0000 \$	-	COST OF POWER				
		\$AKWH			KW:				
	WINTER PEAK WINTER OFF		0.0000 \$	•	WINTER PEAK	#DIV/0:	#DIV/0!		
	PEAK		0.0000 \$	-					
					DISTRIBUTION KW	#DIV/O!	#DIV/0!		
					COST OF POWER KWH:				
					WINTER PEAK	#DIV/0:	#DIV/0!		
					WINTER OFF PEAK MONTHLY	#DIV/0!	#DIV/0!		
					DISTRIBUTION CHARGE		#DIV/0!	#DIV/0!	#DIV/0!
	TOTAL		1		TOTAL		#DIV/0!	#DIV/U.	#DIV/O.
					10101 B1D1 FD D111				
	CURRENT BILL		0.0000	s -	UNBUNDLED BILL	RATE	CHARGE	IMPACT	IMPACT
	SUMMER PEAK	\$/KWH	0.0000 1		COST OF POWER	\$/KW	\$	DOLLARS	
	SUMMER PEAK		0.0000	٠ .	KW:				
	SUMMER OFF PEAK		0.0000	s -	SUMMER PEAK	#ÐIV/0	#DIV/0!		
					DISTRIBUTION KW	#DIV/0 \$/KWH	#DIV/0!		
					COST OF POWER KWH:				
					SUMMER PEAK SUMMER OFF	#DIV/0			
					PEAK	#DIV/0	#DIV/01		
					MONTHLY DISTRIBUTION				
	TOTAL			s -	CHARGE TOTAL		#DIV/0!	#DIV/0!	#DIV/0!
MONTHLY CONSUMPTION 3000 KW, 500,000 KWH	CURRENT BILL KW	RATE		CHARGE	UNBUNDLED BILL	RATE	CHARGE	IMPACT DOLLARS	3MPACT
		\$/KW		\$		\$/KW	\$	DOLLARS	
	WINTER PEAK	3000	0.0000	\$ -	COST OF POWER				
		\$/KWH		s -	KW: WINTER PEAK	3000 #DIV/	o: #DIV/0:		
	WINTER PEAK WINTER OFF	250,000	0.0000		WINTERFEAR	300 #0111	, #21770.		
	PEAK	250,000	0.0000	•	DISTRIBUTION KW	3000 #DIV/	o! #DIV/0!		
					COST OF POWER				
					KWH: WINTER PEAK	250000 #DIV/	o: #D!V/0:		
					WINTER OFF PEAK	250000 #DiV/	o! #DIV/o!		
					MONTHLY DISTRIBUTION				
	TOTAL			<b>s</b> -	CHARGE TOTAL		#DIV/0! #DIV/0!	#DIV/0!	#DIV/0!
	CURRENT BILL				UNBUNDLED BILL		011505	IMPACT	IMPACT
	ĸw	RATE \$/KW		CHARGE \$		RATE \$/KW	CHARGE \$	DOLLARS	
	SUMMER PEAK	3000	0.0000	<b>s</b> -	COST OF POWER KW:	2000 #0117	o: #DIV/0:		
		\$/KWH			SUMMER PEAK	3000 #DIV			
	SUMMER PEAK SUMMER OFF	250,000	0.0000		DISTRIBUTION KW	3000 #DIV			
	PEAK	250,000	0.0000	\$ -	COST OF POWER KWH:	DIVANH			
					KWH: SUMMER PEAK SUMMER OFF	250000 #DIV	/0! #DIV/0!		
					PEAK	250000 #DIV	/0! #DIV/0!		
					MONTHLY DISTRIBUTION				
					CHARGE		#DIV/0!		

.

ENTER DESIRED CONSUMPTION LEVEL	CURRENT BILL	RATE \$/KW		CHARGE \$		UNBUNDLED BILL	RATE \$AKW	CHARGE \$	IMPACT DOLLARS	IMPACT
	WINTER PEAK		.0000		-	COST OF POWER				
		\$/KWH				KW:	#D// (80)	#DIV/0!		
	WINTER PEAK WINTER OFF		.0000		-	WINTER PÉAK	#DIV/0!	#UIV/0:		
	PEAK	0.0	.0000	J		DISTRIBUTION KW	#DIV/0!	#DIV/0!		
						COST OF POWER				
						KWH: WINTER PEAK	#DIV/0!	#DIV/0!		
						WINTER OFF PEAK MONTHLY DISTRIBUTION	#DIV/0!	#DIV/0!		
	TOTAL			s	-	CHARGE TOTAL		#DIV/0!	#DIV/0!	#DIV/0!
	CURRENT BILL					UNBUNDLED BILL				
	kw	RATE \$/KW		CHARGE \$	Ē		RATE \$/KW	CHARGE \$	IMPACT DOLLARS	IMPACT
	SUMMER PEAK		0.0000	s	-	COST OF POWER KW:	#011 P	#DIV/0!		
		\$AKWH			_	SUMMER PEAK  DISTRIBUTION KW	#DIV/0			
	SUMMER PEAK SUMMER OFF PEAK		0.0000			DISTRIBUTION	\$/KWH			
	FEAR	J		•		COST OF POWER KWH:				
						SUMMER PEAK SUMMER OFF	#DIV/0			
						PEAK MONTHLY	#DIV/0	; #LNV/U:		
						DISTRIBUTION CHARGE		#DIV/0!		
	TOTAL			\$	-	TOTAL		#DIV/O!	#DIV/0!	#DIV/0!
	CURRENT BILL					UNBUNDLED BILL				
MONTHLY CONSUMPTION 5000 KW, 0.5 MILL KWH	KW	RATÉ \$/KW		CHARG \$	Ε		RATE \$/KW	CHARGE \$	IMPACT DOLLARS	IMPACT
	WINTER PEAK	5000 0 \$/KWH	0.0000	\$	-	COST OF POWER				
	WINTER PEAK WINTER OFF	250,000	0.0000	\$		WINTER PEAK	5000 #DIV/	0! #DIV/0!		
	PEAK	250,000	0.0000	5	•					
						DISTRIBUTION KW	5000 #DIV/	0: #DIV/0:		
						COST OF POWER KWH: WINTER PEAK	250,000 #DIV/	Q! #DEV/O!		
						WINTER OFF PEAK MONTHLY DISTRIBUTION				
	TOTAL			s		CHARGE TOTAL		#DIV/0! #DIV/0!	#DIV/0!	#DIV/0!
	10112									
	CURRENT BILL	RATE		CHAR	e.	UNBUNDLED BILL	RATE	CHARGE	IMPACT	IMPACT
	KW	\$/KW		\$	3E	COST OF POWER	\$/KW	\$	DOLLARS	
	SUMMER PEAK	5000 \$/KWH	0.0000	<b>S</b>	-	KW: SUMMER PEAK	5000 #DIV	/0! #DIV/0!		
	SUMMER PEAK	250,000	0.0000	<b>s</b>	-	DISTRIBUTION KW	5000 #DIV	/0! #DIV/0!		
	SUMMER OFF PEAK	250,000	0.0000	\$		COST OF POWER	\$/KWH	l		
						KWH: SUMMER PEAK	250,000 #DIV	/0! #DIV/0!		
						SUMMER OFF PEAK	250,000 #DIV	/0! #D!V/0!		
						MONTHLY DISTRIBUTION CHARGE		#DIV/0:		
	TOTAL			\$	-	TOTAL		#DIV/0!	#DiV/0	! #DIV/0!
MONTHLY CONSUMPTION 5000 KW, 1 MILL KWH	CURRENT BILL KW	RATÉ \$/KW		CHAR \$	GE	UNBUNDLED BILL	RATE \$/KW	CHARGE \$	IMPACT DOLLAR	IMPACT S
	WINTER PEAK	5000 \$/KWH	0.000	o \$	-	COST OF POWER KW:				
	WINTER PEAK	500,000	0.000	o <b>s</b>	-	WINTER PEAK	5000 #DIV	//0! #DIV/0!		
	WINTER OFF PEAK	500,000	0.000	ю \$	-					

(F) DISTRIBUTION KW RATE (\$KW) (C)(D)

#DIV/0!

(G) MONTHLY SERVICE CHARGE (C)/(E)/12

(\$2.5766)

STREET LIGHTING (NON TIME OF USE)

(A) DISTRIBUTION REVENUE

VARIABL REVENU SERVICE CHARG TOTAL REVENUE \$ 26,352.70

(B) CHOSEN REVENUE SHARES

0.400 0.600

(C) RE-ALLOCATED REVENUE (A)\*(8)

15,811.62 \$ 26,352.70 \$ 10,541.08 \$

(D) RETAIL KW

6,024

\$1.7498

(E) NUMBER OF CONNECTIONS (F) DISTRIBUTION KW RATE (\$AKW) (C)(D)

(G) MONTHLY SERVICE CHARGE (C)/(E)/12

\$0.3656

STREET LIGHTING (TIME OF USE)

(A) DISTRIBUTION REVENUE

VARIABL REVENU SERVICE CHARG TOTAL REVENUE \$ (124,126.82)

(B) CHOSEN REVENUE SHARES

0.400 0.600

(C) RE-ALLOCATED REVENUE (A)\*(B)

(74,476.09) \$ (124,126.82) \$ (49,650.73) \$

(D) RETAIL KW

(E) NUMBER OF CONNECTIONS

(F) DISTRIBUTION KW RATE (\$AKW) (C)/(D)

#DIV/0!

(G) MONTHLY SERVICE CHARGE (C)/(E)/12

(\$1.7221)

					DISTRIBUTION			
	BALANCE TOTAL	1750 2000	0,0730	\$ 127.75 \$ 156.00	KWH TOTAL		\$ 17.20 \$ 165.80	\$ 9.80 6.3%
	кмн	RATE		CHARGE	ĸw		CHARGE	IMPACT IMPACT DOLLARS
ANNUAL CONSUMPTION OF 20000 KWH	SERVICE CHARGE	\$/KWH		s s .	COST OF POWER		\$ 1,368.77	DOLLARS
ANNUAL CONSUMPTION OF 2000 KWH	SERVICE CHARGE			•	ANNUAL DISTRIBUTION			
	FIRST 250 KWH	3000	0.1130		CHARGE DISTRIBUTION	20000 0.0086	\$ 140.69 \$ 172.01	
	BALANCE TOTAL	17000 20000	0.0730	\$ 1,241,00 \$ 1,580,00	KWH TOTAL	2000 0.0000	\$ 1,681.47	\$ 101.47 6.4%
	кWH	RATE		CHARGE	к		CHARGE	IMPACT IMPACT
		\$AKWH		\$	*******************************	\$/KWH	\$ 2053.16	DOLLARS
ANNUAL CONSUMPTION OF 30000 KWH	SERVICE CHARGE			<b>s</b> -	COST OF POWER ANNUAL DISTRIBUTION	30000 0.0684	\$ 2,053.16	
	FIRST 250 KWH	3000	0,1130	\$ 339.00	CHARGE DISTRIBUTION		\$ 140.69	
	BALANCE TOTAL	27000 30000	0.0730	\$ 1,971.00 \$ 2,310.00	KWH TOTAL	30000 0.0086	\$ 258.01 \$ 2,451.87	\$ 141.87 6.1%
GENERAL SERVICE <50 KW	VARIABLE REVENUE	SERVIC CHARG TOTA	L REVENUE					
(A) DISTRIBUTION REVENUE	VARIABLE REVENUE	\$	654,736.36					
(B) CHOSEN REVENUE SHARES	0.40	0.600						
(C) RE-RE-ALLOCATED REVENUE (A)*(B)	\$ 261,894.54 \$	392,841.82 \$	654,736.36					
(D) RETAIL KWH	33,449,509							
(E) NUMBER OF CUSTOMERS		1276						
(F) DISTRIBUTION KWH RATE (\$AKWH) (C)(D)  (G) MONTHLY SERVICE CHARGE (C)(E)/12	\$0,0078	\$25.6558						
ENTER DESIRED CONSUMPTION LEVEL	CURRENT BILL	***************************************			NEW BILL			
Monthly Consumption 28.80kW, 17680kWh	ĸw	RATE SKW		CHARGE \$		RATE \$/KW	CHARGE \$	MPACT IMPACT DOLLARS
Actual sample July 31/00	SERVICE CHARGE 1ST BLOCK 50 KW	28.8	0.0000	REQUIREMENT \$				
	2ND BLOCK		5.3000	· 5 -	DISTRIBUTION KW	0	<b>s</b> -	
	BALANCE	28.8 <b>S/KWH</b>	5.3000	•	COST OF POWER	\$/KWH		
	1ST BLOCK 250 KWH NEXT BLOCK 12250	250 12250	0.1130 0.0780		KWH	17680 0.0673	\$ 1,190.64	
					MONTHLY DISTRIBUTION		****	
	NEXT BLOCK	5.00	0.0000		CHARGE DISTRIBUTION KWH	17680 0 0078	\$25.6558 \$ 138.43	
	BALANCE TOTAL	5180 17680	0.0571	\$ 295.78 \$ 1,279.53	TOTAL	11000 0000	\$ 1,354.73	\$ 75.20 5.88%
	Tome	.,,,,,,						
MONTHLY CONSUMPTION 18 KW,6700 KWH	CURRENT BILL KW	RATE		CHARGE	NEW BILL	RATE	CHARGE	IMPACT IMPACT
Sample#2 Actual Customer June 13/00	SERVICE CHARGE	\$/KW		\$ -		s/kw	\$	DOLLARS
	1ST BLOCK 50 KW 2ND BLOCK	18	0.0000		DISTRIBUTION KW	0	<b>s</b> -	
	BALANCE	0 18 <b>\$/KW</b> H	5.3000	· s -		\$/KWH		
	1ST BLOCK 250 KWH	250	0.1130	3 \$ 28.25	COST OF POWER KWH	6700 0.0673	\$ 451.21	
	NEXT BLOCK 12250	6450	0.0780	\$ 503.10	MONTHLY DISTRIBUTION			
	NEXT BLOCK		0.0000	· •	CHARGE DISTRIBUTION		\$ 25.66	
	BALANCE		0.057	1.\$ -	KWH	6700 0.0078		
	TOTAL	6700		\$ 531.35	TOTAL		\$ 529.32	\$ (2.03) -0.4%
MONTHLY CONSUMPTION 20.10 KW, 6,240 KWH	CURRENT BILL			CHARGE	NEW BILL	RATE	CHARGE	IMPACT 3MPACT
Sample #3 Actual Customer June 13/00	KW	RATE SKW		S S		\$/KW	\$	DOLLARS
	SERVICE CHARGE 1ST BLOCK 50 KW	20.1	0.000		DISTRIBUTION			
	ZND BLOCK BALANCE	0	5,300	0 \$ -	kw	ō	\$ -	
		20.1 S/KWH			COST OF POWER	\$/KWH		
	1ST BLOCK 250 KWH NEXT BLOCK 12250	250 5990	0.113 0.078		KWH MONTUI V	6240 0.0673	3 \$ 420.23	
	NEXT BLOCH		8.000	o <b>\$</b> -	MONTHLY DISTRIBUTION CHARGE		\$ 25.66	
	NEXT BLOCK BALANCE		0.000		DISTRIBUTION KWH	6240 0.0078		
	TOTAL	6240	0,007	\$ 495.47	TOTAL		\$ 494.74	\$ (0.73) -0.1%
GENERAL SERVICE NON TIME OF USE >	1414	SERVIC						
COMBINED.  (A) DISTRIBUTION REVENUE	VARIABLE REVENUE	CHARG TO	7AL REVENU 2,309,536.21					
(B) CHOSEN REVENUE SHARES	0 4000	0.6000						

 
 COMBINED (A) DISTRIBUTION REVENUE
 VARIABLE REVENUE
 SERVIC CHARG \$ 2,309,536.21
 TOTAL REVENUE \$ 2,309,536.21

 (B) CHOSEN REVENUE SHARES
 0.4000
 0.6000
 \$ 23,814.48
 \$ 1,385,721.73
 \$ 2,309,536.21

 (D) RETAIL KW
 543,826
 \$ 1,775
 \$ 1,775
 \$ 1,775

 (E) NUMBER OF CUSTOMERS
 177
 \$ 1,775
 \$ 1,775
 \$ 1,775

							MONTH					
							MONTHLY DISTRIBUTION CHARGE			\$ 652.41		
	NEXT BLOCK BALANCE		187500	0.0000		706.25	CHARGE			a 032.41		
	TOTAL		200000	:	\$ 14.	,075.∞	TOTAL			\$ 13,860.06	\$ (214.94) -1.5%	
MONTHLY CONSUMPTION 500KW,250000KWH	CURRENT BILL	ĸw	RATE	,	CHARG	Ε	NEW BILL		RATE	CHARGE	IMPACT IMPACT	
	SERVICE CHARGE		\$/KW		s s				<b>K</b> W	\$	DOLLARS	
	1ST BLOCK 50 KW		50	0.0000	s		COST OF POWER	500	6.7272	\$ 3,363.59		
	2ND BLOCK		*-	0.0000		-	DISTRIBUTION KW	500	1.6987	\$ 849.37		
	BALANCE		450 500 \$/KWH	5.3000		,385.00	COST OF POWER		<b>S</b> KWH			
	1ST BLOCK 250 KWH		250	0.1130		28.25	KWH	250000	0.0450	\$ 11,243.37		
	NEXT BLOCK 12250		12250	0.0780	3	955.50	MONTHLY DISTRIBUTION					
	NEXT BLOCK			0.0000		3,561.25	CHARGE			\$ 652.41		
	BALANCE TOTAL		237500 250000			3,930.00	TOTAL			\$ 16,108.74	\$ (821.26) -4.9%	
MONTHLY CONSUMPTION 1000KW,100000KWH	CURRENT BILL	ĸw	RATE		CHARG	SE.	NEW BILL		RATE	CHARGE	IMPACT IMPACT	
	SERVICE CHARGE		\$/KW		\$ \$				\$/KW	\$	DOLLARS	
	1ST BLOCK 50 KW		50	0.0000	\$		COST OF POWER KW	1000	6.7272	\$ 6,727.18		
	2ND BLOCK			0.0000			DISTRIBUTION KW	1000	1.6987	\$ 1,698.73		
	BALANCE		950 1000 \$/KWH	5 3000	\$ :	5,035.00			\$XXWH			
	1ST BLOCK 250 KWI	4	250	0.1130		28.25	COST OF POWER KWH	100000	0.0450	\$ 4,497.35		
	NEXT BLOCK 12250		12250	0.0780	s	965.50	MONTHLY					
	NEXT BLOCK			0.0000			DISTRIBUTION CHARGE			\$ 652.41		
	BALANCE		87500	0.0571		4,996.25						
	TOTAL		100000		\$ 1	1,015.00	TOTAL			\$ 13,575.67	\$ 2,560.67 23.2%	
MONTHLY CONSUMPTION 1000 KW,300000KWH	CURRENT BILL	ĸW	RATE		CHAR	GE	NEW BILL		RATE	CHARGE	IMPACT IMPACT	
	SERVICE CHARGE		\$/KW		\$ \$		*****		\$/KW	\$	DOLLARS	
	1ST BLOCK 50 KW		50	0.0000	\$	-	COST OF POWER	1000	6.7272	\$ 6,727.18		
	2NO BLOCK			0.0000			DISTRIBUTION KW	1000	1.6987	\$ 1,698.73		
	BALANCE		950 1000 \$/KWH	5.3000	\$	5,035.00	COST OF POWER		\$/KWH			
	1ST BLOCK 250 KW		250	0.1130		28.25 955.50	KWH	300000	0,0450	\$ 13,492.05		
	NEXT BLOCK 12250		12250	0 0780	,	900,50	MONTHLY DISTRIBUTION					
	NEXT BLOCK			0.0000		6,416,25	CHARGE			\$ 652.41		
	BALANCE TOTAL		287500	0.0571		2,435.00	TOTAL			\$ 22,570.37	\$ 135.37 0.6%	
			33355									
MONTHLY CONSUMPTION 1000KW,500000KWH	CURRENT BILL	ĸw	RATE		CHAR	:GE	NEW BILL		RATE	CHARGE	IMPACT IMPACT	
	SERVICE CHARGE		\$/KW		s s				<b>S</b> /KW	\$	DOLLARS	
	1ST BLOCK 50 KW		50	0.0000	\$		COST OF POWER KW	1000	6.7272	<b>5</b> 6,727.18		
	2ND BLOCK			0.0000			DISTRIBUTION KW	1000	1.698	\$ 1,698.73		
	BALANCE		950 1000 \$AKWH	5.3000	\$	5,035.00	COST OF POWER		\$/KWH			
	1ST BLOCK 250 KW	н	250	0.1130	s	28.25	KWH	500000	0.045	\$ 22,486.74		
	NEXT BLOCK 12250	'	12250	0.0780		800.0U	MONTHLY DISTRIBUTION					
	NEXT BLOCK			0.0000			CHARGE			\$ 652.41		
	BALANCE TOTAL		487500 500000	0.05/1		27,836.25 33,855.00	TOTAL			\$ 31,565.06	\$ (2,289.94) -6.8%	,
	TOTAL		30000		•	35,355.55	101111					
GENERAL SERVICE>50 KW TIME OF USE COMBINED  (A) DISTRIBUTION REVENUE	VARIABLE REVENU	JE		REVENUE 09,536.21								
(B) CHOSEN REVENUE SHARES	0,4	0	0.600									
(C) RE-RE-ALLOCATED REVENUE (A)*(B)	\$ 923,814.4	8 \$ 1,34	85,721.73 \$ 2.3	09,536.21								
(D) RETAIL KW	543,82	26										
(E) NUMBER OF CUSTOMERS			177									
(F) DISTRIBUTION KW RATE (\$KW) (C)(D)	\$1.698	7										
(G) MONTHLY SERVICE CHARGE (C)(E)/12		:	652.4114									
	CURRENT BILL						NEW BILL					
ENTER DESIRED CONSUMPTION LEVELS	SERVICE CHARGE					0.0000						
		ĸw	RATE		CHAI	RGE			RATE S/KW	CHARGE \$	IMPACT IMPACT DOLLARS	
Actual Customer Winter Bill	WINTER FIRST 50		<b>\$</b> /KW 50	0.000	\$		COST OF POWER			•		
	WINTER SECOND		30	0.000		-	WINTER PEAK	1277	.1 911	10 \$ 11,635.66		
	BLOCK WINTER BALANCE		1227.1	5.512		6,763.78		,	s/kwh			
	BLOCK		1277.1 \$/KWH	5.512	-	-,	WINTER PEAK	92408.5		34 \$ 5,855.41		

	TOTAL	-	s	-		WINTER OFF	250000 250000	#DIV/0! #DIV/0!	#DIV/0! #DIV/0! #DIV/0!	יסיעופע	#DIV/O!
	CURRENT BILL KW	RATE		HARGE		NEW BILL	F		CHARGE	IMPACT DOLLARS	IMPACT
		\$/KW	\$			COST OF POWER	•	ikw	\$	DOLLARS	
	SUMMER PEAK	3000 \$/KWH	0.0000 \$			KW: SUMMER PEAK DISTRIBUTION K	3000 3000	#DIV/0! #DIV/0!	#DIV/0!		
	SUMMER PEAK SUMMER OFF PEAK	250,000 250,000	0.0000 \$					жwн			
	SOMMEN OF THE PAR	202,002				COST OF POWER KWH;					
						SUMMER PEAK SUMMER OFF	250000	#DIV/O!	#DIV/0!		
						PEAK MONTHLY DISTRIBUTION	250000	BOIVIO:			
	TOTAL		s	; .	-	CHARGE TOTAL			#DIV/0!	#DIV/0!	#DIV/O
MONTHLY CONSUMPTION 3000 KW,1MILL KWH	CURRENT BILL	2.75		CHARCE		NEW BILL		RATE	CHARGE	IMPACT	IMPACT
	KW WINTER PEAK	RATE \$/KW 3000	0.0000 \$		_			\$/KW	\$	DOLLARS	
	WINTERFEAR	\$AKWH	0.0000			COST OF POWER KW:					
	WINTER PEAK WINTER OFF PEAK	500,000 500,000	0.0000 \$			WINTER PEAK	3000	#DIV/0!	#DIV/0!		
						DISTRIBUTION KW	3000	#DIV/0!	#D1V/0!		
						COST OF POWER					
						KWH: WINTER PEAK WINTER OFF	500000	#DIV/0!	#DIV/0!		
						PEAK MONTHLY	500000	#DIV/0!	#DIV/O!		
						DISTRIBUTION CHARGE			#DIV/O		
	TOTAL			s		TOTAL			#DIV/0!	#DIV/0!	#DIV/0!
						NEW BILL					
	CURRENT BILL KW	RATE		CHARGE \$		NEW BILL		RATE \$/KW	CHARGE \$	IMPACT DOLLARS	MPACT
	SUMMER PEAK	\$/KW 3000	0.0000			COST OF POWER		•	•		
	SUMMER FEAR	\$/KWH	0.000	•		SUMMER PEAK DISTRIBUTION	3000		#DIV/O		
	SUMMER PEAK	500,000	0,0000		- "	ĸw	3000		#D!V/0!		
	SUMMER OFF PEAK	500,000	0.0000	\$	•	COST OF POWER KWH:		\$/KWH			
						SUMMER PEAK SUMMER OFF	500000	#D(V/0!	#DIV/0!		
						PEAK	500000	#DIV/0!	#DIV/0!		
						MONTHLY DISTRIBUTION					
	TOTAL			s	-	CHARGE TOTAL			#DIV/0!	#DIV/O!	#DIV/o!
MONTHLY CONSUMPTION 3000 KW, 1.5 MILL KWH	CURRENT BILL			CHARGE		NEW BILL		RATE	CHARGE	IMPACT	IMPACT
	KW WINTER PEAK	RATE \$/KW 3000	0.0000	\$				\$/KW	\$	DOLLARS	
	MINIEK LEW	sıkwh	00000	•		COST OF POWER KW:					
	WINTER PEAK WINTER OFF PEAK	750,000 750,000	0,0000	\$ \$	:	WINTER PEAK	3000	#D!V/0!	#DIV/0!		
						DISTRIBUTION KW	3000	#DIV/0!	#DIV/0!		
						COST OF POWER KWH;					
						WINTER PEAK WINTER OFF	750000				
						PEAK MONTHLY	750000	#DIV/0!	#DIV/O		
						DISTRIBUTION CHARGE			#DIV/0!	#DiV/0	#DIV/0!
	TOTAL			s	•	TOTAL			#DIV/0!	#DIVIO	WDIVIO.
	CURRENT BILL					NEW BILL					
	KW	RATE \$/KW		CHARGE \$				RATE \$/KW	CHARGE \$	IMPACT DOLLARS	IMPACT
	SUMMER PEAK	3000	0.0000	s		COST OF POWER KW:		A APPLICATION	MD0/254		
		\$/KWH	0.0000			SUMMER PEAK DISTRIBUTION KW	300				
	SUMMER PEAK	750,000 750,000	0.0000		-	D.17	300	\$AKWH	-2.470.		
	SUMMER OFF PEAK	750,000	3.000	•		COST OF POWER					
						SUMMER PEAK SUMMER OFF	75000				
						PEAK	75000	0 #DIV/0	#DIV/0!		
						MONTHLY DISTRIBUTION			#D1V/0!		
	TOTAL			s		CHARGE TOTAL			#DIV/0!	#DIV/	)! #DIV/0!
LARGE USE		ccours									
	VARIABLE REVENUE	SERVIC CHARG TOTA	AL REVENUE	!							

	CURRENT BILL KW	RATE SKW		CHARGE \$		NEW BILL		RATE \$/XW	CHARGE \$	IMPACT DOLLARS	IMPACT
	SUMMER PEAK	5000	0.0000			COST OF POWER KW:					
		SAKWH				SUMMER PEAK DISTRIBUTION		#DIV/O	#DIV/0!		
	SUMMER PEAK	500,000	0.0000			kw		#OIV/O! \$/KWH	#DIVAO:		
	SUMMER OFF PEAK	500,000	0.0000	•		COST OF POWER KWH:		#K**			
						SUMMER PEAK SUMMER OFF PEAK	500,000 500,000	#DIV/0!	#DIV/0!		
						MONTHLY DISTRIBUTION CHARGE			#DIV/O!		
	TOTAL			\$	-	TOTAL			#DIV/O	#DIV/0!	#DIV/0!
MONTHLY CONSUMPTION 5000 KW, 1,5 MILL KWH	CURRENT BILL	RATE		CHARGE		NEW BILL		RATE	CHARGE	IMPACT	IMPACT
	WINTER PEAK	\$/KW	0.0000	\$				\$/KW	\$	DOLLARS	
		\$AKWH				COST OF POWER KW;					
	WINTER PEAK WINTER OFF PEAK	750,000 750,000	0.0000			WINTER PEAK DISTRIBUTION	5000	#DIV/0!	#DIV/0!		
						KW	5000	#DIV/0!	#OIV/O!		
						COST OF POWER KWH:					
						WINTER PEAK WINTER OFF	750,000		#D1V/0!		
						PEAK MONTHLY	750,000	#DIV/0*	#DIV/0!		
	TOT::					DISTRIBUTION CHARGE			#DIV/O!	#DIV/O!	#DIV/O!
	TOTAL			s	•	TOTAL			#DIV/O;	NDIVIO:	#DIVIO.
	CURRENT BILL					NEW BILL					
	kw	RATE \$/KW		CHARGE \$				RATE \$/KW	CHARGE \$	IMPACT DOLLARS	IMPACT
	SUMMER PEAK	5000	0.0000	s	-	COST OF POWER					
	OUR PER DEAL	\$/XWH 750,000	0.0000			SUMMER PEAK DISTRIBUTION KW		#DIV/0:	#DIV/0!		
	SUMMER PEAK SUMMER OFF PEAK	750,000	0,0000			N. T.	300	\$AKWH	#B7470		
	SOMMEN OF TEAN	750,500	0,5000	•		COST OF POWER KWH:					
						SUMMER PEAK SUMMER OFF		#DIV/01	#D!V/0*		
						PEAK MONTHLY	750,000	#DIV/0!	#DIV/0!		
						DISTRIBUTION CHARGE			#DIV/O		
	TOTAL			\$	•	TOTAL WINTER OFF			#DIV/O!	#DIV/0!	#DIV/0!
	SUMMER OFF PEAK	244508	0.0000	S .	-	PEAK SUMMER PEAK	250688 251354		#DIV/O		
						SUMMER OFF PEAK	244508	#DIV/0!	#DIV/0:		
						MONTHLY DISTRIBUTION					
						CHARGE			#DIV/0		
	TOTAL			\$		TOTAL			#DIV/O	#DIV/0!	#DIV/O!
MONTHLY CONSUMPTION 5000KW, 1.5 MILL.KWH	CURRENT BILL					NEW BILL		DATE	CHARCE	IMPACT	IMPACT
	KW	RATE \$/KW 2490	0.0000	CHARGE \$				S/KW	CHARGE \$	IMPACT DOLLARS	IMPACT
	WINTER PEAK SUMMER PEAK	2510	0.0000			COST OF POWER KW:					
	Sommer Ext					WINTER PEAK SUMMER PEAK		#DIV/0	#DIV/0! #DIV/0!		
		\$/KWH				DISTRIBUTION KW	500	#DIV/0	#DIVIO!		
	WINTER PEAK WINTER OFF PEAK	380175 376032	0.0000		•	COST OF POWER KWH:		\$/KWH			
	SUMMER PEAK	377031	0.000		-	WINTER PEAK WINTER OFF	38017	5 #D{V/0	#DIV/O		
	SUMMER OFF PEAK	366762	0,000	\$	-	PEAK SUMMER PEAK	37603 37703				
						SUMMER OFF PEAK		2 #DIV/0	#DIV/O		
						MONTHLY DISTRIBUTION					
						CHARGE			#DIV/0!		
	TOTAL			\$	-	TOTAL			#DIV/0'	#OIV/0!	#DIV/O!
SENTINEL LIGHTS (NON TIME OF USE)											
	VARIABLE REVENUE		AL REVENU								
(A) DISTRIBUTION REVENUE		\$	12,931.62								
(B) CHOSEN REVENUE SHARES	0.40 \$ 5,172.65 \$	0.600 7,758.97 <b>\$</b>	12,931.62	,							
(C) RE-RE-ALLOCATED REVENUE (A)*(B)  (D) RETAIL KW	\$ 5,172.65 \$ 1,265	1,100.01	12,301.02								
(E) NUMBER OF CONNECTIONS		506									
(F) DISTRIBUTION KW RATE (\$KW) (C)(D)	\$4.0890										

SHEET 14 - SENSITIVITY ANALYSIS 3

NAME OF UTILITY LICENCE NUMBER DATE

Halton Hills Hydro Inc. ED - 1999 - 0290

VERSION NUMBER

FINAL

NAME OF CONTACT PHONE NUMBER

David J. Smelsky, CMA (519) 853-3700 ext. 225

# RATE IMPACT FOR MARR AFTER MARKET OPENING (i.e. INCLUDES TAXES - With PIL's)

THIS SECTION OF THE SPREADSHEET ALLOWS YOU TO VARY THE PERCENTAGES OF VARIABLE CHARGE AND SERVICE CHARGE REVENUES TO INVESTIGATE THE RATE IMPACTS FROM RATE DESIGN OF MAKING CHANGES IN THE CHOSEN LEVEL OF THESE VARIABLES.

THE LEVELS CHOSEN FOR THE PERCENTAGES OF VARIABLE AND SERVICE CHARGE REVENUES FOR MARR BEFORE MARKET OPENING AND AFTER MARKET OPENING MUST BE THE SAME AS THE FINAL ONES CHOSEN FOR UNBUNDLED RATES. THIS IS DONE AUTOMATICALLY

RESIDENTIAL

VARIABL REVENU SERVIC

0.6000

TOTA REVENU \$ 4,033,541.01

(A) DISTRIBUTION REVENUE (B) CHOSEN REVENUE SHARES

0.4000

(C) RE-ALLOCATED REVENUE (A)\*(B)

\$ 1,613,416.40 \$ 2,420,124.61 \$ 4,033,541.01

(D) RETAIL KWH

163,731,190

(E) NUMBER OF CUSTOMERS

15013

(F) DISTRIBUTION KWH RATE (\$/KWH) (C)/(D)

\$0.0099

(G) MONTHLY SERVICE CHARGE (C)/(E)/12

\$13.4335

RESIDENTIAL CLASS

NON-TIME OF USE	CURRENT BILL				NEW BILL				
	кwн	RATÉ \$/KWH	CHARGE \$		кwн	RATE \$/KWH	CHARGE \$	IMPACT DOLLARS	IMPACT
ENTER DESIRED CONSUMPTION LEVEL	SERVICE CHARGE	\$2KVYC1			COST OF POWER 100 MONTHLY				
Assuming 1,000kWh PER MONTH	FIRST 250 KWH	250	0.1130 \$ 2	8.25	DISTRIBUTION CHARGE DISTRIBUTION		\$13.43		
	BALANCE TOTAL	750 1000		4.75 3.00	KWH 100 TOTAL	0.0099	\$ 9.85 \$ 91.73	\$ 8.73	3 10.5%
	CURRENT BILL				NEW BILL				
	кwн	RATE \$/kWH	CHARGE \$		KWH	RATE \$/KWH	CHARGE \$	IMPACT DOLLARS	IMPACT
MONTHLY CONSUMPTION OF 250 KWH	SERVICE CHARGE		\$	•	COST OF POWER 25 MONTHLY DISTRIBUTION	0.0684	\$ 17.11		
	FIRST 250 KWH	250	0.1130 \$ 2	28.25	CHARGE DISTRIBUTION		\$ 13.43		
	BALANCE TOTAL	0 250	0.0730 \$ \$ 2	28 25	KWH 25 TOTAL	0.0099	\$ 2.46 \$ 33.01	\$ 4.76	6 16.8%
	кwн	RATE \$/KWH	CHARGE \$	E	кwн	RATÉ \$/KWH	CHARGE \$	IMPACT DOLLARS	IMPACT
MONTHLY CONSUMPTION OF 500 KWH	SERVICE CHARGE	•1.0	\$	-	COST OF POWER 51 MONTHLY DISTRIBUTION	0.0684	\$ 34.22		
	FIRST 250 KWH	250	0.1130 \$ 2	28.25	CHARGE DISTRIBUTION		\$ 13.43		
	BALANCE TOTAL	250 500		18.25 46.50	KWH 5 TOTAL	0.0099	\$ 4.93 \$ 52.58	\$ 6.0	8 13.1%
	кwн	RATE \$/KWH	CHARGI \$	Ε	KWH	RATE \$/KWH	CHARGE \$		IMPACT
MONTHLY CONSUMPTION OF 750 KWH	SERVICE CHARGE		\$	-	COST OF POWER 7 MONTHLY DISTRIBUTION	50 0.0684	\$ 51.33		
	FIRST 250 KWH	250	0.1130 \$ 2	28.25	CHARGE DISTRIBUTION		\$ 13.43		
	BALANCE TOTAL	500 750		36.50 64.75		50 0.0099	\$ 7.39 \$ 72.15	\$ 7.4	0 11.4%
	кмн	RATE \$/KWH	CHARG \$	Ε	кwн	RATE \$/KWH	CHARGE \$	IMPACT DOLLARS	IMPACT
MONTHLY CONSUMPTION OF 1000 KWH	SERVICE CHARGE	•••	\$	•	MONTHLY	00 0.0684	\$ 68.44		
	FIRST 250 KWH	250	0.1130 \$	28.25	DISTRIBUTION CHARGE DISTRIBUTION		\$ 13.43		
	BALANCE TOTAL	750 1000		54.75 83.00		0.0099	9 \$ 9.85 \$ 91.73	\$ 8.7	73 10.5%
	кwн	RATE \$/KWH	CHARG \$	ŝE	кwн	RATE \$/KWH	CHARGE \$		IMPACT

	DALANCE	•	0.0574		-	DISTRIBUTION KWH	6700	0.0090		60.10			
	BALANCE TOTAL	0 6700	0.0571	\$ \$	531.35	TOTAL	6700	0.0090	\$	540.71	\$	9.36	1.8%
	TOTAL	0700		•	007.00				Ť				
MONTHLY CONSUMPTION 20.10 KW, 6240 KWH	CURRENT BILL KW	RATE		CHAI	RGE	NEW BILL		RATE	CHA	RGE		ACT	IMPACT
	SERVICE	\$/KW		\$				\$/KW	\$		DO	LLARS	
Sample#3 Actual Customer June 13/00	CHARGE 1ST BLOCK 50			\$	-								
	kw	20.1	0.0000	\$	•	DISTRIBUTION	0	0.0000					
	2ND BLOCK BALANCE	0 0 20.1 \$/KWH	5.3000	\$	-	ĸw		\$/KWH	•	•			
	1ST BLOCK 250 KWH	250	0.1130	•	28.25	COST OF POWER KWH	6240	0.0673	\$	420.23			
	NEXT BLOCK 12250	5990	0.0780		467.22				•				
						MONTHLY DISTRIBUTION							
	NEXT BLOCK		0.0000		-	CHARGE DISTRIBUTION			\$	29.40			
	BALANCE		0.0571		-	кwн	6240	0.0090		55.98			
	TOTAL	6240		\$	495.47	TOTAL			\$	505.60	\$	10.13	2.0%
GENERAL SERVICE NON TIME OF USE >50													
COMBINED  (A) DISTRIBUTION REVENUE	VARIABL REVENU		TOTA EVENU 5,191.38										
(B) CHOSEN REVENUE SHARES	0.4000	0.6000											
(C) RE-ALLOCATED REVENUE (A)*(B)	\$ 1,058,476.55 \$ 1	,587,714.83 \$ 2,640	5,191.38										
(D) RETAIL KW	543,826												
(E) NUMBER OF CUSTOMERS		177											
(F) DISTRIBUTION KW RATE (\$/KW) (C)/(D)	\$1.9464												
(G) MONTHLY SERVICE CHARGE (C)/(E)/12		\$747.5117											
ENTER DESIRED CONSUMPTION LEVEL	CURRENT BILL KW	RATE			ARGE	NEW BILL		RATE		ARGE		PACT	IMPACT
	SERVICE	\$/KW		\$ \$	1,760.00			\$/KW	\$		DC	DLLARS	
Monthly Consumption 792kW, 149760kWh	CHARGE 1ST BLOCK 50 KW	50	0.0000		1,760.00	COST OF POWER KW	792	6.7272	\$	5,327.93			
Sample Actual Customer	2ND BLOCK	0	0.0000			DISTRIBUTION KW	792			1,541.51			
	BALANCE	742 792 <b>\$</b> /KWH	5.3000		3,932.60			\$/KWH					
	1ST BLOCK 250 KWH	250	0.1130	\$	28.25	COST OF POWER KWH	137260	0.0450	\$	6,173.06			
	NEXT BLOCK 12250	12250	0.0780	\$	955.50								
						MONTHLY DISTRIBUTION				*747.54			
	NEXT BLOCK BALANCE	0 137260	0.0000 0.0571		7,837.55	CHARGE				\$747.51			
	TOTAL			\$	12,753.90	TOTAL			\$	13,790.01	\$	1,036.11	8.1%
						NEW BILL							
MONTHLY CONSUMPTION 100KW,20000KWH	CURRENT BILL KW	RATE \$/KW		CHA \$	ARGE	NEW BILL		RATE \$/KW	СН <b>\$</b>	IARGE		PACT	IMPACT
	SERVICE CHARGE	4,17,11		\$	_			•	·				
	1ST BLOCK 50 KW	50	0.0000		-	COST OF POWER KW	100	6.7272	\$	672.72			
	2ND BLOCK		0.0000	\$	-	DISTRIBUTION KW	100	1.9464	\$	194.64			
	BALANCE	50 100 \$/KWH	5.3000	\$	265.00			\$/KWH					
	1ST BLOCK 250 KWH	250	0.1130	\$	28.25	COST OF POWER KWH	20000	0.0450	\$	899.47			
	NEXT BLOCK 12250	12250	0.0780	\$	955.50	MONTHLY							
	NEXT BLOCK		0.0000	) <b>s</b>	-	DISTRIBUTION CHARGE			\$	747.51			
	BALANCE	7500	0.0571		428.25	32							
	TOTAL	20000		\$	1,677.00	TOTAL			\$	2,514.33	\$	837.3	3 49.9%
MONTHLY CONSUMPTION 100KW,30000KWH	CURRENT BILL					NEW BILL							
	kw	RATE \$/KW		СН. \$	ARGE			RATE \$/KW	CH \$	HARGE		MPACT OLLARS	IMPACT
	SERVICE CHARGE			\$									
	1ST BLOCK 50 KW	50	0.0000	5 \$		COST OF POWER KW DISTRIBUTION	100	6.7272	2 \$	672.72			
	2ND BLOCK BALANCE	50	0.0000		265.00	KW	100	1.9464	\$	194.64			
	DALANCE	100 \$/KWH		~ *	200.00			\$/KWH					

	ĸw	RATE \$/KW		CH/	ARGE			RATE \$/KW	CH/	ARGE	IMPACT DOLLARS	BMPACT
	SERVICE CHARGE	<b>WILLIA</b>		5	_			•	•			
	1ST BLOCK 50 KW	50	0.0000		_	COST OF POWER KW	1000	6.7272	\$	6,727.18		
	2ND BLOCK	30	0.0000			DISTRIBUTION KW	1000			1,946.35		
	BALANCE	950 1000 <b>\$/</b> KWH	5.3000		5,035.00			\$/KWH	-	,,		
	1ST BLOCK 250 KWH	250	0.1130	\$	28.25	COST OF POWER KWH	100000		\$	4,497.35		
	NEXT BLOCK 12250	12250	0.0780		955.50					,		
	12230	12230	0.0700	٠	000.00	MONTHLY DISTRIBUTION						
	NEXT BLOCK BALANCE	87500	0.0000 0.0571		4,996.25	CHARGE			\$	747.51		
	TOTAL	100000			11,015.00	TOTAL			\$	13,918.39	\$ 2,903.39	26.4%
	TOTAL	100000			,							
MONTHLY CONSUMPTION 1000 KW,300000KWH	CURRENT BILL KW	/ RATE		СН	ARGÉ	NEW BILL		RATE	СН	IARGE	IMPACT	IMPACT
	SERVICE	\$/KW		\$				\$/KW	\$		DOLLARS	
	CHARGE 1ST BLOCK 50			\$	•	COST OF						
	KW	50	0.0000	\$	•	POWER KW DISTRIBUTION	1000	6.7272	\$	6,727.18		
	2ND BLOCK BALANCE	950	0.0000 5.3000		5,035.00	ĸw	1000	1.9464	\$	1,946.35		
	1ST BLOCK 250	1000 \$/KWH	0.0000	٠	.,	COST OF		\$/KWH				
	KWH NEXT BLOCK	250	0.1130	\$	28.25	POWER KWH	300000	0.0450	\$	13,492.05		
	12250	12250	0.0780	\$	955.50	MONTHLY						
	NEXT BLOCK		0.0000	•	_	DISTRIBUTION CHARGE			\$	747.51		
	BALANCE	287500			16,416.25	5,,,,,,,			-			
	TOTAL	300000		\$	22,435.00	TOTAL			\$	22,913.09	\$ 478.0	9 2.1%
MONTHLY CONSUMPTION 1000KW,500000KWH	CURRENT BILL					NEW BILL						
MONTHET CONSOMPTION 1000KW, 500000KWH	KV	V RATE \$/KW		C⊢ \$	IARGE			RATE \$/KW	CH \$	HARGÉ	IMPACT DOLLARS	!MPACT
	SERVICE CHARGE	<b>V</b>		\$								
	1ST BLOCK 50 KW	50	0.0000			COST OF POWER KW	1000	0 6.7272	\$	6,727.18		
	2ND BLOCK		0.0000		_	DISTRIBUTION KW	1000	0 1.9464	\$	1,946.35		
	BALANCE	950 1000 <b>\$</b> /KWH	5.3000		5,035.00			\$/KWH				
	1ST BLOCK 250 KWH	250	0.1130	) <b>S</b>	28.25	COST OF POWER KWH	50000		\$	22,486.74		
	NEXT BLOCK 12250	12250	0.0780		955.50							
	12250	12200	0.01.00	•		MONTHLY DISTRIBUTION						
	NEXT BLOCK BALANCE	487500	0.0000		- 27,836.25	CHARGE			\$	747.51		
	TOTAL	500000			33,855.00	TOTAL			\$	31,907.78	\$ (1,947.2	22) -5.8%
	107/10	00000										
GENERAL SERVICE >50 KW TIME OF USE COMBINED	VARIABL REVENU		TOTA REVENU									
(A) DISTRIBUTION REVENUE			46,191.38									
(B) CHOSEN REVENUE SHARES	0.4000	0.60000										
(C) RE-ALLOCATED REVENUE (A)*(B)		1,587,714.83 \$ 2,6	46,191.38									
(D) RETAIL KW	543,826	.=-										
(E) NUMBER OF CUSTOMERS		177										
(F) DISTRIBUTION KW RATE (\$/KW) (C)/(D)	\$1.9464											
(G) MONTHLY SERVICE CHARGE (C)/(E)/12		\$747.5117										
ENTER DESIRED CONSUMPTION LEVELS	SERVICE CHARGE				0.0000 HARGE			RATE	_	HARGE	IMPACT	IMPACT
	K)	w RATE \$/KW		\$		COST OF		\$/KW	\$		DOLLAR	
Sample Customer WINTER BILL	WINTER FIRST 50 KW	50	0.000	0 \$	-	POWER						
	WINTER SECOND	_	0.000	^ <b>-</b>		WINTER PEAR	1277	1 014	10 •	11,635.66		
	BLOCK WINTER	0	0.000	∪ <b>\$</b>	-	WINTER PEAR	. 1211	., 9.11	. С. Ф	11,000.00		
	BALANCE BLOCK	1227.1	5.512	0 \$	6,763.78	WINTER PEAR	00400	\$/KWH 58 0.063	34 *	5,855.41		
		1277.1 \$/KWI	7			WINTER OFF PEAK	2924					
	WINTER PEAK	252	A 15-	o -	39.50	DISTRIBUTION KW						
	FIRST BLOCK WINTER PEAK	250	0.158	J	33,00	MONTHLY SERVICE	,211	1.54	<b>.</b>	2,.30.00		
	NEXT BLOCK	6625	0.128	8 \$	853.30	CHARGE				747.51		

	TOTAL		:	\$	_	MONT DISTE CHAR TOTA	RIBUTION RGE			#DIV/0! #DIV/0!	#D!V/0!	#DIV/0!
MONTHLY CONSUMPTION 3000 KW, 500,000 KWH	CURRENT BILL KW	RATE		CHARGE		NEW	BILL			CHARGE	IMPACT	IMPACT
	WINTER PEAK	\$/KW 3000	0.0000	\$ \$				:	5/KW	\$	DOLLARS	
		\$AKWH				COST POW	FOF ER KW:					
	WINTER PEAK	250,000	0.0000	\$	-	WINT	ER PEAK	3000	#DIV/0!	#DIV/0!		
	WINTER OFF PEAK	250,000	0.0000	\$	-							
						DIST	RIBUTION	3000	#DIV/0!	#DIV/0!		
						cos						
						WINT	ER KWH: TER PEAK	250000	#DIV/0!	#DIV/0:		
						PĒAI		250000	#DIV/0!	#DIV/0!		
						DIST	THLY RIBUTION					
	TOTAL			\$	-	CHA TOTA				#DIV/0! #DIV/0!	#DIV/0!	#DIV/0!
	CURRENT BILL					NEW	/ BILL			0111005	IMPACT	IMPACT
	kw	RATE \$/KW		CHARGE \$	Ē				RATE \$/KW	CHARGE \$	DOLLARS	INFACT
	SUMMER PEAK	3000	0.0000	\$		POV	T OF VER KW:					
		\$/KWH	ı			SUM PEA	IMER K	3000	#DIV/0!	#DIV/0!		
	SUMMER PEAK	250,000	0.0000	\$		DIST	TRIBUTION	3000	#DIV/0!	#DIV/0!		
	SUMMER OFF PEAK	250,000	0.0000	\$	-	000	T 05		\$/KWH			
						POV	VER KWH:					
						PEA		250000	#DIV/0!	#DIV/0!		
						PEA	MER OFF	250000	#DIV/0!	#DIV/0!		
							NTHLY TRIBUTION					
				5	_		ARGE			#DIV/0! #DIV/0!	#DIV/0!	#DIV/0!
	TOTAL			3	-		V BILL			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
MONTHLY CONSUMPTION 3000 KW,1MILL KWH	CURRENT BILL KW	RATE \$/KW		CHARGI	Ε	,,,,			RATE \$/KW	CHARGE \$	IMPACT DOLLARS	IMPACT
	WINTER PEAK	3000	0.0000		-	CO:	ST OF					
		\$/KWI	4			PO	WER KW:					
	WINTER PEAK WINTER OFF	500,000	0.0000	\$	-	MIW.	ITER PEAK	3000	#DIV/0!	#DIV/0!		
	PEAK	500,000	0.0000	\$	-		TRIBUTION			#D11//01		
						ĸw		3000	#DIV/0!	#DIV/0!		
						PO	ST OF WER KWH:	50000	- #DIV/61	#DIV/0!		
						Wil	NTER PEAK NTER OFF		#DIV/0!			
							NTHLY STRIBUTION		) #DIV/0!	#01470.		
						СН	ARGE TAL			#DIV/0! #DIV/0!	#DIV/0!	#DIV/0!
	TOTAL			\$	-	10	IAL			#B1070.		
	OURDENT BUIL					NE	W BILL					
	CURRENT BILL KW	RATE \$/KW		CHARG \$	3E				RATE \$/KW	CHARGE \$	IMPACT DOLLARS	IMPACT
	SUMMER PEAK	3000	0.0000		_		ST OF WER KW:					
	SUMMER PEAR	\$/KW		, •		su	MMER AK	300	0 #D!V/0	#DIV/0!		
	SUMMER PEAK	500,000	0.0000	) <b>S</b>			STRIBUTION		0 #DIV/0	. #DIV/0!		
	SUMMER OFF PEAK	500,000	0.000		_				\$/KWH			
	/ FOIS	555,000		-			ST OF WER KWH:					
						SL PE	IMMER AK	50000	0 #DIV/0	! #DIV/0!		
						SU	IMMER OFF	50000	io #DIV/0	! #DIV/0!		
						М	ONTHLY					
						DI CH	STRIBUTION HARGE	ı		#DIV/0!		
	TOTAL			\$	-	то	TAL			#DIV/0!	#DIV/0	! #DIV/0!
MONTHLY CONSUMPTION 3000 KW, 1.5 MILL KW	H CURRENT BILL KW	RAT	E	CHAR	GE	NE	EW BILL		RATE	CHARGE	IMPACT	
		\$/KV		\$					\$/KW	\$	DOLLAR	8

						SUMMER PEAK	2510	#DIV/0!	#DIV/0!		
		\$/KWH				DISTRIBUTION KW	5000	#DIV/0!	#DIV/0!		
	WINTER PEAK WINTER OFF	126725	0.0000	\$ -		COST OF	:	\$/KWH			
	PEAK	125344	0.0000	\$ -		POWER KWH:					
	SUMMER PEAK SUMMER OFF	125677	0.0000	\$ -		WINTER PEAK WINTER OFF	126725	#DIV/0!	#DIV/0!		
	PEAK	122254	0.0000	\$ -		PEAK SUMMER	125344	#D!V/0!	#DIV/0!		
						PEAK SUMMER OFF	125677	#DIV/0!	#DIV/0!		
						PEAK	122254	#DIV/0!	#DIV/0!		
						MONTHLY DISTRIBUTION CHARGE			#DIV/0!		
	TOTAL			\$ -		TOTAL			#DIV/0!	#DIV/0!	#DIV/0!
MONTHLY CONSUMPTION 5000KW, 1 MILL.KWH	CURRENT BILL					NEW BILL					
	ĸw	RATE \$/KW		CHARGE \$				RATE \$/KW	CHARGE \$	IMPAC <b>T</b> DOLLARS	IMPACT
	WINTER PEAK	2490	0.0000	\$ -		COST OF					
	SUMMER PEAK	2510	0.0000	\$		POWER KW:					
						WINTER PEAK SUMMER		#DIV/0!	#DIV/0!		
						PEAK DISTRIBUTION		#DIV/0!	#DIV/0!		
	WINTER PEAK	\$/KWH 253450	0.0000	\$		KW		#DIV/0! \$/KWH	#DIV/0!		
	WINTER OFF PEAK	250688	0.0000	\$		COST OF POWER KWH:					
	SUMMER PEAK	251354	0.0000	\$		WINTER PEAK	253450	#DIV/0!	#DIV/0!		
	SUMMER OFF PEAK	244508	0.0000	\$		WINTER OFF PEAK	250688	#DIV/0!	#DIV/0!		
						SUMMER PEAK	251354	#DIV/0!	#D1V/0!		
						SUMMER OFF PEAK	244508	#D!V/0!	#DIV/0!		
						MONTHLY DISTRIBUTION CHARGE			#DIV/0!		
	TOTAL			\$	-	TOTAL			#DIV/0!	#DIV/0!	#DIV/0!
MONTHLY CONSUMPTION 5000KW, 1.5 MILL.KWH	CURRENT BILL KW	RATE		CHARGE		NEW BILL		RATE	CHARGE	IMPACT	IMPACT
MONTHLY CONSUMPTION 5000KW, 1.5 MILL KWH		RATE \$/KW 2490	0.0000	\$	-			RATE \$/KW	CHARGE \$	IMPACT DOLLARS	IMPACT
MONTHLY CONSUMPTION 5000KW, 1.5 MILL KWH	kW	\$/KW	0.0000	\$	-	COST OF POWER KW:					IMPACT
MONTHLY CONSUMPTION 5000KW, 1.5 MILL:KWH	KW WINTER PEAK	\$/KW 2490		\$	-	COST OF POWER KW: WINTER PEAK	2490				IMPACT
MONTHLY CONSUMPTION 5000KW, 1.5 MILL KWH	KW WINTER PEAK	\$/KW 2490		\$	-	COST OF POWER KW: WINTER PEAK SUMMER PEAK		\$/KW	\$		IMPACT
MONTHLY CONSUMPTION 5000KW, 1.5 MILL.KWH	KW WINTER PEAK SUMMER PEAK	\$/KW 2490 2510 \$/KWF	0.0000	\$ \$ \$		COST OF POWER KW: WINTER PEAK SUMMER	2510	\$/KW  #DIV/0!  #DIV/0!  #DIV/0!	\$ #DIV/0!		IMPACT
MONTHLY CONSUMPTION 5000KW, 1.5 MILL KWH	WINTER PEAK SUMMER PEAK WINTER PEAK WINTER OFF	\$/KW 2490 2510 \$/KWF 380175	0.0000	\$ \$ \$		COST OF POWER KW: WINTER PEAK SUMMER PEAK DISTRIBUTION KW	2510	\$/KW ) #DIV/0!	#DIV/0! #DIV/0!		IMPACT
MONTHLY CONSUMPTION 5000KW, 1.5 MILL KWH	WINTER PEAK SUMMER PEAK WINTER PEAK WINTER OFF PEAK	\$/KW 2490 2510 \$/KWF 380175 376032	0.0000 0.0000 0.0000	\$ \$ \$		COST OF POWER KW: WINTER PEAK SUMMER PEAK DISTRIBUTION KW COST OF POWER KWH.	2510 5000	\$/KW  ) #DIV/0! ) #DIV/0! ) #DIV/0! \$/KWH	#DIV/0! #DIV/0! #DIV/0!		IMPACT
MONTHLY CONSUMPTION 5000KW, 1.5 MILL KWH	WINTER PEAK SUMMER PEAK WINTER PEAK WINTER OFF PEAK SUMMER PEAK SUMMER OFF	\$/KW 2490 2510 2510 \$/KWH 380175 376032 377031	0.0000 0.0000 0.0000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		COST OF POWER KW; WINTER PEAK SUMMER PEAK DISTRIBUTION KW COST OF POWER KWH. WINTER PEAK WINTER OFF	2510 5000 380175	\$/KW  ) #DIV/0! ) #DIV/0! \$/KWH	#DIV/0! #DIV/0! #DIV/0!		IMPACT
MONTHLY CONSUMPTION 5000KW, 1.5 MILL.KWH	WINTER PEAK SUMMER PEAK WINTER PEAK WINTER OFF PEAK SUMMER PEAK	\$/KW 2490 2510 \$/KWF 380175 376032	0.0000 0.0000 0.0000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		COST OF POWER KW: WINTER PEAK SUMMER PEAK DISTRIBUTION KW COST OF POWER KWH. WINTER PEAK WINTER OFF PEAK SUMMER	2510 5000 380175 376032	\$/KW  ) #DIV/0! ) #DIV/0! ) #DIV/0! \$/KWH  5 #DIV/0! 2 #DIV/0!	#DIV/0! #DIV/0! #DIV/0! #DIV/0!		IMPACT
MONTHLY CONSUMPTION 5000KW, 1.5 MILL KWH	WINTER PEAK SUMMER PEAK WINTER PEAK WINTER OFF PEAK SUMMER PEAK SUMMER OFF	\$/KW 2490 2510 2510 \$/KWH 380175 376032 377031	0.0000 0.0000 0.0000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		COST OF POWER KW: WINTER PEAK SUMMER PEAK DISTRIBUTION KW COST OF POWER KWH. WINTER PEAK SUMMER PEAK SUMMER OFF	2510 5000 380175 376034 377031	\$/KW  #DIV/0!  #DIV/0!  #DIV/0!  \$/KWH  5 #DIV/0!  #DIV/0!  #DIV/0!	#DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!		IMPACT
MONTHLY CONSUMPTION 5000KW, 1.5 MILL KWH	WINTER PEAK SUMMER PEAK WINTER PEAK WINTER OFF PEAK SUMMER PEAK SUMMER OFF	\$/KW 2490 2510 2510 \$/KWH 380175 376032 377031	0.0000 0.0000 0.0000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		COST OF POWER KW: WINTER PEAK SUMMER PEAK DISTRIBUTION KW COST OF POWER KWH: WINTER PEAK WINTER OFF PEAK SUMMER PEAK SUMMER OFF PEAK	2510 5000 380175 376034 377031	\$/KW  ) #DIV/0! ) #DIV/0! ) #DIV/0! \$/KWH  5 #DIV/0! 2 #DIV/0!	#DIV/0! #DIV/0! #DIV/0! #DIV/0!		IMPACT
MONTHLY CONSUMPTION 5000KW, 1.5 MILL KWH	WINTER PEAK SUMMER PEAK WINTER PEAK WINTER OFF PEAK SUMMER PEAK SUMMER OFF	\$/KW 2490 2510 2510 \$/KWH 380175 376032 377031	0.0000 0.0000 0.0000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		COST OF POWER KW: WINTER PEAK SUMMER PEAK DISTRIBUTION KW COST OF POWER KWH. WINTER POFF PEAK SUMMER PEAK SUMMER WEAK SUMMER SUMMER PEAK	2510 5000 380175 376034 377031	\$/KW  #DIV/0!  #DIV/0!  #DIV/0!  \$/KWH  5 #DIV/0!  #DIV/0!  #DIV/0!	#DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!		IMPACT
MONTHLY CONSUMPTION 5000KW, 1.5 MILL KWH	WINTER PEAK SUMMER PEAK WINTER PEAK WINTER OFF PEAK SUMMER PEAK SUMMER PEAK SUMMER OFF	\$/KW 2490 2510 2510 \$/KWH 380175 376032 377031	0.0000 0.0000 0.0000	\$ \$ \$ \$	 - -	COST OF POWER KW: WINTER PEAK SUMMER PEAK DISTRIBUTION KW COST OF POWER KWH. WINTER PEAK WINTER PEAK SUMMER PEAK SUMMER OFF PEAK MONTHLY DISTRIBUTION CHARGE	2510 5000 380175 376034 377031	\$/KW  #DIV/0!  #DIV/0!  #DIV/0!  \$/KWH  5 #DIV/0!  #DIV/0!  #DIV/0!	#DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!		IMPACT #DIV/O:
MONTHLY CONSUMPTION 5000KW, 1.5 MILL KWH	WINTER PEAK SUMMER PEAK WINTER PEAK WINTER OFF PEAK SUMMER PEAK SUMMER OFF	\$/KW 2490 2510 2510 \$/KWH 380175 376032 377031	0.0000 0.0000 0.0000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		COST OF POWER KW: WINTER PEAK SUMMER PEAK DISTRIBUTION KW COST OF POWER KWH. WINTER POFF PEAK SUMMER PEAK SUMMER WEAK SUMMER SUMMER PEAK	2510 5000 380175 376034 377031	\$/KW  #DIV/0!  #DIV/0!  #DIV/0!  \$/KWH  5 #DIV/0!  #DIV/0!  #DIV/0!	#DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!	DOLLARS	
MONTHLY CONSUMPTION 5000KW, 1.5 MILL KWH  . SENTINEL LIGHTS (NON TIME OF USE)	WINTER PEAK SUMMER PEAK WINTER PEAK WINTER OFF PEAK SUMMER PEAK SUMMER OFF PEAK	\$/KW 2490 2510 \$/KWH 380175 376032 377031 366762	0.0000 0.0000 0.0000 0.0000	\$ \$ \$ \$	 - -	COST OF POWER KW: WINTER PEAK SUMMER PEAK DISTRIBUTION KW COST OF POWER KWH. WINTER PEAK WINTER PEAK SUMMER PEAK SUMMER OFF PEAK MONTHLY DISTRIBUTION CHARGE	2510 5000 380175 376034 377031	\$/KW  #DIV/0!  #DIV/0!  #DIV/0!  \$/KWH  5 #DIV/0!  #DIV/0!  #DIV/0!	#DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!	DOLLARS	
SENTINEL LIGHTS (NON TIME OF USE)	WINTER PEAK SUMMER PEAK WINTER PEAK WINTER OFF PEAK SUMMER PEAK SUMMER PEAK SUMMER OFF	\$/KW 2490 2510 \$/KWP 380175 376032 377031 366762	0.0000 0.0000 0.0000 0.0000	\$ \$ \$ \$	 - -	COST OF POWER KW: WINTER PEAK SUMMER PEAK DISTRIBUTION KW COST OF POWER KWH. WINTER PEAK WINTER PEAK SUMMER PEAK SUMMER OFF PEAK MONTHLY DISTRIBUTION CHARGE	2510 5000 380175 376034 377031	\$/KW  #DIV/0!  #DIV/0!  #DIV/0!  \$/KWH  5 #DIV/0!  #DIV/0!  #DIV/0!	#DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!	DOLLARS	
SENTINEL LIGHTS (NON TIME OF USE)  (A) DISTRIBUTION REVENUE	WINTER PEAK SUMMER PEAK WINTER PEAK WINTER OFF PEAK SUMMER PEAK SUMMER OFF PEAK TOTAL VARIABL REVENU	\$/KW 2490 2510 380175 376032 377031 366762 SERVIC CHARG \$	0.0000 0.0000 0.0000 0.0000	\$ \$ \$ \$	 - -	COST OF POWER KW: WINTER PEAK SUMMER PEAK DISTRIBUTION KW COST OF POWER KWH. WINTER PEAK WINTER PEAK SUMMER PEAK SUMMER OFF PEAK MONTHLY DISTRIBUTION CHARGE	2510 5000 380175 376034 377031	\$/KW  #DIV/0!  #DIV/0!  #DIV/0!  \$/KWH  5 #DIV/0!  #DIV/0!  #DIV/0!	#DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!	DOLLARS	
SENTINEL LIGHTS (NON TIME OF USE)  (A) DISTRIBUTION REVENUE  (B) CHOSEN REVENUE SHARES	WINTER PEAK SUMMER PEAK WINTER PEAK WINTER OFF PEAK SUMMER PEAK SUMMER OFF PEAK TOTAL  VARIABL REVENU 0.40	\$/KW 2490 2510 380175 376032 377031 366762 SERVIC CHARG \$	0.0000 0.0000 0.0000 0.0000 TOTA REVENU 14,816.63	\$ \$ \$ \$	 - -	COST OF POWER KW: WINTER PEAK SUMMER PEAK DISTRIBUTION KW COST OF POWER KWH. WINTER PEAK WINTER PEAK SUMMER PEAK SUMMER OFF PEAK MONTHLY DISTRIBUTION CHARGE	2510 5000 380175 376034 377031	\$/KW  #DIV/0!  #DIV/0!  #DIV/0!  \$/KWH  5 #DIV/0!  #DIV/0!  #DIV/0!	#DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!	DOLLARS	
SENTINEL LIGHTS (NON TIME OF USE)  (A) DISTRIBUTION REVENUE  (B) CHOSEN REVENUE SHARES  (C) RE-ALLOCATED REVENUE (A)*(B)	WINTER PEAK SUMMER PEAK WINTER PEAK WINTER OFF PEAK SUMMER PEAK SUMMER OFF PEAK  TOTAL  VARIABL REVENU  0.40 \$ 5,926.65 \$	\$/KW 2490 2510 380175 376032 377031 366762 SERVIC CHARG \$	0.0000 0.0000 0.0000 0.0000	\$ \$ \$ \$	 - -	COST OF POWER KW: WINTER PEAK SUMMER PEAK DISTRIBUTION KW COST OF POWER KWH. WINTER PEAK WINTER PEAK SUMMER PEAK SUMMER OFF PEAK MONTHLY DISTRIBUTION CHARGE	2510 5000 380175 376034 377031	\$/KW  #DIV/0!  #DIV/0!  #DIV/0!  \$/KWH  5 #DIV/0!  #DIV/0!  #DIV/0!	#DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!	DOLLARS	
SENTINEL LIGHTS (NON TIME OF USE)  (A) DISTRIBUTION REVENUE  (B) CHOSEN REVENUE SHARES  (C) RE-ALLOCATED REVENUE (A)'(B)  (D) RETAIL KW	WINTER PEAK SUMMER PEAK WINTER PEAK WINTER OFF PEAK SUMMER PEAK SUMMER OFF PEAK TOTAL  VARIABL REVENU 0.40	\$/KW 2490 2510 \$/KWH 380175 376032 377031 366762 \$ SERVIC CHARG \$ 0.600 8.869.98 \$	0.0000 0.0000 0.0000 0.0000 TOTA REVENU 14,816.63	\$ \$ \$ \$	 - -	COST OF POWER KW: WINTER PEAK SUMMER PEAK DISTRIBUTION KW COST OF POWER KWH. WINTER PEAK WINTER PEAK SUMMER PEAK SUMMER OFF PEAK MONTHLY DISTRIBUTION CHARGE	2510 5000 380175 376034 377031	\$/KW  #DIV/0!  #DIV/0!  #DIV/0!  \$/KWH  5 #DIV/0!  #DIV/0!  #DIV/0!	#DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!	DOLLARS	
SENTINEL LIGHTS (NON TIME OF USE)  (A) DISTRIBUTION REVENUE  (B) CHOSEN REVENUE SHARES  (C) RE-ALL OCATED REVENUE (A)*(B)  (D) RETAIL KW  (E) NUMBER OF CONNECTIONS	WINTER PEAK SUMMER PEAK WINTER PEAK WINTER OFF PEAK SUMMER PEAK SUMMER OFF PEAK  TOTAL  VARIABL REVENU  0.40 \$ 5,926.65 \$ 1,265	\$/KW 2490 2510 380175 376032 377031 366762 SERVIC CHARG \$	0.0000 0.0000 0.0000 0.0000 TOTA REVENU 14,816.63	\$ \$ \$ \$	 - -	COST OF POWER KW: WINTER PEAK SUMMER PEAK DISTRIBUTION KW COST OF POWER KWH. WINTER PEAK WINTER PEAK SUMMER PEAK SUMMER OFF PEAK MONTHLY DISTRIBUTION CHARGE	2510 5000 380175 376034 377031	\$/KW  #DIV/0!  #DIV/0!  #DIV/0!  \$/KWH  5 #DIV/0!  #DIV/0!  #DIV/0!	#DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!	DOLLARS	
SENTINEL LIGHTS (NON TIME OF USE)  (A) DISTRIBUTION REVENUE  (B) CHOSEN REVENUE SHARES  (C) RE-ALLOCATED REVENUE (A)'(B)  (D) RETAIL KW	WINTER PEAK SUMMER PEAK WINTER PEAK WINTER OFF PEAK SUMMER PEAK SUMMER OFF PEAK  TOTAL  VARIABL REVENU  0.40 \$ 5,926.65 \$	\$/KW 2490 2510 \$/KWH 380175 376032 377031 366762 \$ SERVIC CHARG \$ 0.600 8.869.98 \$	0.0000 0.0000 0.0000 0.0000 TOTA REVENU 14,816.63	\$ \$ \$ \$	 - -	COST OF POWER KW: WINTER PEAK SUMMER PEAK DISTRIBUTION KW COST OF POWER KWH. WINTER PEAK WINTER PEAK SUMMER PEAK SUMMER OFF PEAK MONTHLY DISTRIBUTION CHARGE	2510 5000 380175 376034 377031	\$/KW  #DIV/0!  #DIV/0!  #DIV/0!  \$/KWH  5 #DIV/0!  #DIV/0!  #DIV/0!	#DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!	DOLLARS	

SENTINEL LIGHTS (TIME OF USE)

SHEET 15 - RATE SCHEDULE BEFORE MARKET ADJUSTED RATE OF RETURN

## **RATE SCHEDULE**

DATE:

NAME OF UTILITY LICENCE NUMBER DATE Halton Hills Hydro Inc. ED - 1999 - 0290 23-Nov-00

VERSION NUMBER NAME OF CONTACT PHONE NUMBER

David J. Smelsky, CMA (519) 853-3700 ext. 225

FINAL

#### **EFFECTIVE DATE:**

DEFINITIONS: TIME PERIODS FOR TIME OF USE (EASTERN STANDARD TIME)

WINTER: ALL HOURS, OCTOBER 1 THROUGH MARCH 31 SUMMER: ALL HOURS, APRIL 1 THROUGH SEPTEMBER 30

PEAK: 0700 TO 2300 HOURS (LOCAL TIME) MONDAY TO FRIDAY, EXCEPT FOR PUBLIC HOLIDAYS, INCLUDING NEW YEAR'S DAY, GOOD FRIDAY, VICTORIA DAY, CANADA DAY, CIVIC HOLIDAY (AS IN TORONTO), LABOUR DAY, THANKSGIVING DAY, CHRISTMAS AND BOXING DAY OFF-PEAK: ALL OTHER HOURS

#### RESIDENTIAL

DISTRIBUTION KWH RATE	\$0.0058
MONTHLY SERVICE CHARGE (PER CUSTOMER)	\$7.88
COST OF POWER KWH RATE	\$0.0684

# **RESIDENTIAL (TIME OF USE)**

DISTRIBUTION KWH RATE	\$0.0058
MONTHLY SERVICE CHARGE (PER CUSTOMER)	\$7.88

COST OF POWER TIME OF USE RATES	WINTER PEAK	WINTER OFF-	SUMMER PEAK	SUMMER OFF-
COST OF TOWER TIME OF COLUMN 20		PEAK		PEAK
	\$/KWH	\$/KWH	\$/KWH	\$/KWH
	\$0.1174	\$0.0352	\$0.0909	\$0.0242

#### **GENERAL SERVICE < 50 KW**

DISTRIBUTION KWH RATE	\$0.0053
MONTHLY SERVICE CHARGE (PER CUSTOMER)	\$17.2340
COST OF POWER KWH RATE	\$0.0673

# GENERAL SERVICE < 50 KW (TIME OF USE)

DISTRIBUTION KWH RATE	\$0.0053			
MONTHLY SERVICE CHARGE (PER CUSTOMER)	\$17.2340			
COST OF POWER TIME OF USE RATES	WINTER PEAK	PEAK	SUMMER PEAK	PEAK
	\$/KWH	\$/KWH	\$/KWH	\$/KWH

\$0.1071

\$0.0352

\$0.0883

\$0.0242

## GENERAL SERVICE > 50 KW (NON TIME OF USE)

DISTRIBUTION KW RATE	\$1.1411
MONTHLY SERVICE CHARGE	\$438.2497
COST OF POWER KW RATE	\$6.7272
COST OF POWER KWH RATE	\$0.0450

DISTRIBUTION DATE APRIL 10 2000

PLEASE ADD ANY MISCELLANEOUS CHARGES BELOW.

1999

2000

(will be replaced with retail settlement code or Standard Service Supply when market opens)

PEAK \$/KWH \$/KWH \$0.1071 \$0.0352

\$/KWH \$0.0883 PEAK \$/KWH \$0.0242

STREET LIGHTING (NON TIME OF USE)			ARY 01, 2001 MARR, NO Equal	NO PIL'S		Prior To Market Opening With MARR, NO PIL'S Equal Phase-In 33.3%	Full Affect of PHASE-In Rate of Return (NO PIL'S)	
DISTRIBUTION KW RATE	\$	1.8779	\$	2.0349	\$	2.3199	\$2.6050	\$2.6050
MONTHLY SERVICE CHARGE (PER CONNECTION)	\$	0.3478	\$	0.43	\$	0.48	\$0.54	\$0.54
COST OF POWER KW RATE	\$	20.6054	\$	20.6054	\$	20.61	\$20.6054	\$20.6054
OR								
STREET LIGHTING (TIME OF USE)	NORMALIZED RAYES Unbundled No MARR, No Taxes (Sheet #5)		JANU/ With PIL'S	FECTIVE ARY 01, 2001 MARR, NO Equal se-In 33.4%	Openin N Equ	r To Market g With MARR, IO PIL'S al Phase-In 33.3%	Prior To Market Opening With MARR, NO PIL'S Equal Phase-In 33.3%	Full Affect of PHASE-In Rate of Return (NO PIL'S)

DISTRIBUTION KW RATE

MONTHLY SERVICE CHARGE (PER CONNECTION)

COST OF POWER TIME OF USE RATES
(will be replaced with retail settlement code or Standard Service Supply when market opens)

## MISCELLANEOUS CHARGES

PLEASE ADD ANY MISCELLANEOUS CHARGES BELOW.	Effective January 1, 2001		1999	1999 and 2000	
ACCOUNT SETUP CHARGE	\$	10.00	\$	10.00	
ARREARS CERTIFICATE	s	10.50	\$	10.50	
COLLECTION OF ACCOUNT CHARGE	s	7.00	s	7.00	
DISPUTE METER TEST	\$	10.00	\$	10.00	
LATE PAYMENT	N/A		5%		
INTEREST RATE		1.50% per month, 18.00% per annum			
MONTHLY TIME OF USE METERING CHARGE	\$	20.00	\$	-	
RECONNECTION - At meter	\$	20.00	\$	14.00	
RECONNECTION - At pole	\$	50.00	\$	17.25	
RECONNECTION AFTER REGULAR WORKING HOURS	\$	95.00	\$	50.00	
RETURNED CHEQUE CHARGE - PLUS BANK CHARGE	\$	10.50	s	10.50	
TRANSFORMER OWNERSHIP ALLOWANCE (per kW of billing demand)	\$	0.50	s	0.50	
TEMPORARY SERVICE: OVERHEAD SINGLE PHASE SINGLE PHASE WITH SECONDARY VOLTAGE UNDERGROUND	\$ \$ \$	210.00 300.00 130.00 120.00	\$ \$ \$ \$		