

## **APPENDIX D**

### **RATE UNBUNDLING AND DESIGN MODEL**

## **APPENDIX D includes:**

- Sheet 1 Data
- Sheet 2 Background Information
- Sheet 3 Cost of Power Calculations
- Sheet 4 Revenue Requirements and Distribution Charges
- Sheet 5 Summary of Rates and Charges
- Sheet 6 Rate Impact Analysis
- Sheet 7 MARR (no tax) Calculations

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.

NAME OF UTILITY	Guelph Hydro Electric Systems Inc.
LICENCE NUMBER	EB-1999-0157
DATE	13-Nov-00
VERSION NUMBER	2
NAME OF CONTACT	Jim Fallis
PHONE NUMBER	519-822-1750 ext. 237

FOR BACKGROUND CALCULATIONS

SOURCE: WHOLESALE AND PURCHASED RETAIL KWH BILLS

	RESIDENTIAL	SENTINEL LIGHTS	GENERAL SERVICE (total excluding street lighting)	STREET LIGHTING	LARGE USE	TOTAL RETAIL	GENERAL SERVICE	INTERMEDIATE USE	GENERAL SERVICE
RETAIL ENERGY (KWH)	288,946,492	191,938	851,294,557	9,201,481	217,077,145	1,386,711,613	186,198,453	0	<50KW 96,292,012
LOSS FACTOR ADJUSTMENT	1.0273				1.0100				

CALCULATION FOR LOSS FACTOR:

	1995	1996	1997	1998	1999
(A) WHOLESALE KWH	1,218,060,877	1,259,081,609	1,303,024,879	1,341,841,722	1,406,149,859
(B) WHOLESALE KWH FOR LARGE USERS	189,719,578	204,729,038	207,283,536	211,061,550	218,005,262
(C) WHOLESALE KWH (A)-(B) FOR DSL	1,028,341,301	1,054,352,571	1,095,741,444	1,130,580,172	1,187,144,597
(D) RETAIL KWH	1,197,820,857	1,226,539,015	1,274,810,758	1,306,140,294	1,365,466,107
(E) RETAIL KWH FOR LARGE USERS	187,841,164	202,702,018	205,231,223	208,971,832	216,836,893
(F) RETAIL KWH FOR DSL FACTOR (D)-(E)	1,009,979,693	1,023,836,997	1,069,579,527	1,097,168,462	1,148,629,214
(G) DSL [(C)/(F)]-1	0.0182	0.0298	0.0247	0.0305	0.0335
(H) LOSS FACTOR ADJUSTMENT	1.0273				

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

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 \$/KWH	SUMMER PEAK \$/KWH
(D) PURCHASED AT <115 KV	12.05	9.02
(G) PURCHASED AT >115 KV	11.02	7.99

  

RESIDENTIAL	WINTER	SUMMER
(B) PERCENT PURCHASED AT <115 KV	1.000	1.000
(C) PERCENT PURCHASED AT >115 KV	0.000	0.000

  

SENTINEL LIGHTING	WINTER	SUMMER
(B) PERCENT PURCHASED AT <115 KV	1.000	1.000
(C) PERCENT PURCHASED AT >115 KV	0.000	0.000

  

GENERAL SERVICE <50 KW	WINTER	SUMMER
(B) PERCENT PURCHASED AT <115 KV	1.000	1.000
(C) PERCENT PURCHASED AT >115 KV	0.000	0.000

  

GENERAL SERVICE NON- TIME OF USE >50 KW	WINTER	SUMMER
(B) PERCENT PURCHASED AT <115 KV	0.990	0.991
(C) PERCENT PURCHASED AT >115 KV	0.010	0.009

  

GENERAL SERVICE TIME OF USE >50 KW	WINTER	SUMMER
(B) PERCENT PURCHASED AT <115 KV	0.988	0.971
(C) PERCENT PURCHASED AT >115 KV	0.032	0.029

  

GENERAL SERVICE INTERMEDIATE USE	WINTER	SUMMER
(B) PERCENT PURCHASED AT <115 KV	1.000	1.000
(C) PERCENT PURCHASED AT >115 KV	0.000	0.000

  

STREET LIGHTING	WINTER	SUMMER
(B) PERCENT PURCHASED AT <115 KV	1.000	1.000
(C) PERCENT PURCHASED AT >115 KV	0.000	0.000

  

LARGE USE	WINTER	SUMMER
(B) PERCENT PURCHASED AT <115 KV	1.000	1.000
(C) PERCENT PURCHASED AT >115 KV	0.000	0.000

DISTRIBUTION DATE  
DATE: MARCH 28, 2000

SOURCE: USE COINCIDENCE FACTORS FROM CURRENT RATE DERIVATION FOR IMMEDIATE USE AND LARGE USE CLASSES. IF YOU HAVE APPROVED COINCIDENCE FACTORS FOR GENERAL SERVICE TIME OF USE OR CAN PROVIDE JUSTIFICATION FOR YOUR OWN DERIVED FACTORS USE THOSE FOR THIS CLASS. IF YOU DON'T HAVE THIS INFORMATION YOU WILL HAVE TO USE THE MODEL FOR TOTAL GENERAL SERVICE CLASS TO ESTIMATE COINCIDENT KW AND SUBSTITUTE THIS DATA FOR WINTER AND SUMMER PEAK WHOLESALE KW IN THE COST OF POWER CALCULATIONS FOR THIS CLASS (CELLS B108 AND C106).

	WINTER PEAK COINCIDENCE	SUMMER PEAK COINCIDENCE	WINTER PEAK KW	SUMMER PEAK KW	WINTER PEAK KWH	WINTER OFF-PEAK KWH	SUMMER PEAK KWH	SUMMER OFF-PEAK KWH
GENERAL SERVICE TIME OF USE	0.812	0.795	197,883	208,243	49,308,655	41,933,060	50,914,026	44,042,712
INTERMEDIATE USE	0.981	0.991	0	0	0	0	0	0
LARGE USE	0.97	0.97	178,908	192,358	54,335,831	51,207,228	56,406,060	55,128,028

SOURCE: CURRENT DIVERSITY CREDIT RATES \$/KW

DIVERSITY ADJUSTMENT SUMMER	1.70
DIVERSITY ADJUSTMENT WINTER	2.10

SOURCE: TOTAL COP WHOLESALE BILL FOR 1999

ACTUAL TOTAL COP (BEFORE DIVERSITY ADJUSTMENT)	\$87,019,002
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#### FOR RATE CLASS REVENUE REQUIREMENTS AND DISTRIBUTION CHARGES CALCULATIONS:

INCREMENTAL DISTRIBUTION COST (IDC) \$/KWH 0.0062 USE THIS VALUE UNLESS YOU HAVE A SPECIFIC UTILITY VALUE AND CAN PROVIDE JUSTIFICATION FOR IT

SOURCE: FOR ENERGY DATA USE YEAR END 1999 RETAIL DATA, FOR RATES USE CURRENT APPROVED RATES

#### RESIDENTIAL

SALES KWH	BLOCK RATE \$/KWH	REVENUE REQUIREMENT \$
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#### NON-TIME-OF-USE

SERVICE CHARGE		\$0.00
FIRST 250 KWH	98,018,796	0.123
BALANCE OF KWH	190,897,826	0.0727

#### TIME-OF-USE

SERVICE CHARGE		\$0.00
WINTER PEAK 250 KWH	0	
WINTER PEAK BALANCE	0	
WINTER OFF-PEAK ALL	0	
SUMMER PEAK 250 KWH	0	
SUMMER PEAK BALANCE	0	
SUMMER OFF PEAK ALL	0	

MINIMUM BILLS	29870	20051
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TOTAL	288,946,492
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NUMBER OF CUSTOMERS (YEAR-END 1999)	33691
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#### SENTINEL LIGHTS

SALES IN BLOCK CONNECTED KW	BLOCK RATE \$/CONNECTED KW	REVENUE REQUIREMENT \$
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NON-TIME-OF USE	533	28.17
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#### TIME-OF-USE

WINTER DEMAND	0	29.00
SUMMER DEMAND	0	17.60

NUMBER OF CONNECTIONS (YEAR-END 1998)	46
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#### GENERAL SERVICE

##### NON-TIME-OF-USE <50 KW

(no demand meters)

SALES IN BLOCK	BLOCK RATE \$/KWH	REVENUE REQUIREMENT \$
SERVICE CHARGE		\$0.00
FIRST 250 KWH	8,102,092	0.1230
NEXT 12250 KWH	87,170,908	0.0774
NEXT BLOCK	1,019,012	0.0684
BALANCE KWH		

MINIMUM BILLS	0	\$0.00
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TOTAL	96,292,012	
FIRST 50 KW	52,626	0.0000

NUMBER OF CUSTOMERS (YEAR-END 1999)	2922
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DISTRIBUTION DATE  
DATE: MARCH 28, 2000

NON-TIME OF USE >50 KW		REVENUE	
BLOCK	SALES IN BLOCK	RATE REQUIREMENT	
SERVICE CHARGE			\$0.00
ENERGY	KWH	\$/KWH	
FIRST 250 KWH	3,323,834	0.1230	
NEXT 12250 KWH	94,454,788	0.0774	
NEXT BLOCK	485,280,811	0.0584	
BALANCE KWH	5,742,875	0.0354	
MINIMUM BILLS	1,774		\$13,555.00
SUTOTAL	568,804,092		
DEMAND	KW	\$/KW	
FIRST 50 KW	293,127	0.0000	
NEXT BLOCK	1,094,950	5.2500	
BALANCE KW	0		
MINIMUM BILLS	0		\$0.00
SUBTOTAL	1,388,077		
NUMBER OF CUSTOMERS (YEAR-END 1999)	693		

TIME OF USE > 50 KW		REVENUE	
BLOCK	SALES IN BLOCK	BLOCK RATE REQUIREMENT	
SERVICE CHARGE			\$0.00
ENERGY	KWH	\$/KWH	
WINTER PEAK FIRST BLOCK	27,542	0.1688	
WINTER PEAK NEXT BLOCK	715,941	0.1282	
WINTER PEAK NEXT BLOCK	47,924,784	0.0862	
WINTER BALANCE BLOCK	840,388	0.0463	
WINTER OFF PEAK ALL	41,809,090	0.0345	
SUMMER PEAK FIRST BLOCK	27,800	0.1478	
SUMMER PEAK NEXT BLOCK	998,896	0.1036	
SUMMER PEAK NEXT BLOCK	48,599,467	0.0719	
SUMMER BALANCE BLOCK	1,587,863	0.0402	
SUMMER OFF PEAK ALL	44,042,712	0.0237	
MINIMUM BILLS	0		\$0.00
SUBTOTAL	188,198,453		
DEMAND	KW	\$/KW	
WINTER FIRST 50 KW	5,513	0.0000	
WINTER SECOND BLOCK	192,370	5.4500	
WINTER BALANCE BLOCK	0	15.2500	
SUMMER FIRST 50 KW	5,515	0.0000	
SUMMER SECOND BLOCK	201,175	4.3500	
SUMMER BALANCE BLOCK	1,563	11.1200	
MINIMUM BILLS	0		\$0.00
SUBTOTAL	406,128		
NUMBER OF CUSTOMERS (YEAR-END 1999)	33		

INTERMEDIATE USE		RATE	
	SALES IN BLOCK		
WINTER PEAK	KW	\$/KW	
SUMMER PEAK	0	0.00	
SUBTOTAL	0	0.00	
WINTER PEAK	KWH	\$/KWH	
WINTER OFF PEAK	0	0	
SUMMER PEAK	0	0	
SUMMER OFF-PEAK	0	0	
SUBTOTAL	0		
NUMBER OF CUSTOMERS (YEAR-END 1999)	1		

STREET LIGHTING		BLOCK RATE	
	SALES IN BLOCK	\$/CONNECTED	
NON-TIME-OF-USE	21,154	25.58	
TIME-OF-USE			
WINTER DEMAND	0	0.00	
SUMMER DEMAND	0	0.00	
NUMBER OF CONNECTIONS (YEAR-END 1999)	10129		

DISTRIBUTION DATE  
DATE: MARCH 28, 2000

**LARGE USE**

	SALES IN BLOCK	RATE
	KW	\$/KW
WINTER PEAK	176,906	15.47
SUMMER PEAK	192,356	11.28
SUBTOTAL	369,262	
	KWH	\$/KWH
WINTER PEAK	54,335,831	0.0463
WINTER OFF PEAK	51,207,226	0.0342
SUMMER PEAK	66,406,060	0.0402
SUMMER OFF-PEAK	55,128,028	0.0235
SUBTOTAL	217,077,145	
NUMBER OF CUSTOMERS (YEAR-END 1999)	3	

**FOR SUMMARY OF RATES AND CHARGES:**

ADD YOUR MISCELLANEOUS CHARGES FOR 1999 AND 2000 DIRECTLY TO THIS SHEET WHERE INDICATED

**FOR RATE IMPACT ANALYSIS CALCULATIONS:**

NO DATA INPUT IS REQUIRED

**FOR TARGETED RATE OF RETURN CALCULATIONS:**

INPUT DATA DIRECTLY IN THIS SECTION

**FOR RATE IMPACT OF VARYING PERCENTAGES OF VARIABLE AND SERVICE CHARGE REVENUE CALCULATIONS:  
(SENSITIVITY ANALYSIS 1)**

INPUT DATA DIRECTLY IN THIS SECTION

**FOR SENSITIVITY ANALYSIS 2 AND SENSITIVITY ANALYSIS 3**

THIS IS DONE AUTOMATICALLY. NO INPUT IS NECESSARY

**FOR RATE SCHEDULES (NO MARR) AND RATE SCHEDULE (MARR)**

INPUT MISCELLANEOUS CHARGES DIRECTLY INTO THIS SHEET.

COINCIDENT LOAD FACTORS (%)

	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT	OCT	NOV	DEC
HOURS IN MONTH	730	730	730	730	730	730	730	730	730.00			
RES-NON-EL	68.02	67.80	70.18	72.47	63.69	59.32	68.80	71.38	63.69	63.91	58.77	60.97
RES-EL	66.93	58.12	67.89	68.66	74.80	69.57	67.84	72.18	69.30	75.22	69.30	62.82
TOTAL RESIDENTIAL	68.12	57.09	69.28	71.07	67.39	66.56	68.56	71.55	65.54	66.88	62.10	61.87
SENTINEL LIGHTS	62.08	51.93	51.60	43.88	0.00	0.00	0.00	0.00	0.00	61.55	58.74	63.53
GS-50-1000 KW	68.95	68.95	68.95	68.95	68.95	68.95	68.95	68.95	68.95	68.95	68.95	68.95
GS-50-1000 KW	68.95	68.95	68.95	68.95	68.95	68.95	68.95	68.95	68.95	68.95	68.95	68.95
GS-1000	83.14	84.36	89.04	80.87	89.89	82.85	83.68	86.29	84.88	89.23	82.23	83.63
TOTAL GS	78.63	86.46	75.73	77.53	59.90	63.12	65.68	63.12	74.08	83.20	78.53	78.53
STREET LIGHTS	62.16	51.99	51.67	43.94	0.00	0.00	0.00	0.00	0.00	61.63	58.82	63.61

## ENERGY SPLITS(%)

	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
RES NON-EL													
ON ENERGY	4.84	4.37	4.65	3.99	3.97	4.82	4.59	4.84	3.73	3.75	4.49	4.32	51.86
OFF ENERGY	4.80	3.75	3.64	4.09	3.41	3.80	4.92	4.32	3.98	3.64	3.53	4.78	48.14
TOTAL	9.44	8.12	8.29	7.78	7.38	8.22	9.51	9.16	7.69	7.29	8.02	8.10	100.00
RES EL													
ON ENERGY	6.95	5.87	5.64	3.71	3.20	2.88	2.68	2.83	2.24	3.08	4.81	5.25	48.40
OFF ENERGY	7.49	6.28	5.54	4.93	3.20	2.13	2.70	2.28	2.34	3.34	4.56	6.73	51.80
TOTAL	14.44	12.15	11.18	8.54	6.40	4.81	5.28	4.92	4.65	6.40	9.17	11.98	100.00
TOTAL RESIDENTIAL													
ON ENERGY	5.52	4.85	4.87	3.70	3.72	4.00	3.94	4.12	3.25	3.52	4.53	4.62	50.74
OFF ENERGY	5.53	4.57	4.25	4.38	3.35	3.12	4.20	3.87	3.48	3.48	3.87	5.40	49.26
TOTAL	11.05	9.42	9.22	8.06	7.07	7.12	8.14	7.78	6.71	7.00	8.40	10.02	100.00
SENTINEL LIGHTS													
ON ENERGY	3.27	2.62	2.46	1.34	1.26	1.04	0.98	1.38	1.73	2.51	3.27	3.12	24.98
OFF ENERGY	7.23	6.16	6.27	6.08	5.48	5.00	5.48	5.88	6.30	6.84	6.87	7.30	75.02
TOTAL	10.50	8.78	8.73	7.42	6.74	6.04	6.46	7.28	8.03	9.35	9.84	10.75	100.00
G9-40													
ON ENERGY	5.87	5.14	5.45	3.81	3.93	4.07	3.42	3.84	3.52	3.84	5.04	5.81	53.34
OFF ENERGY	6.59	4.55	4.31	3.97	3.04	2.92	3.02	2.89	2.88	3.24	3.90	4.87	48.66
TOTAL	11.26	9.69	9.75	7.48	6.88	6.88	6.44	6.33	6.39	7.08	8.94	12.68	100.00
G8-40+1000													
ON ENERGY	5.00	4.77	5.04	4.30	4.84	4.87	4.73	5.21	4.81	4.80	5.21	4.21	57.39
OFF ENERGY	4.11	3.71	3.55	3.86	3.03	3.44	3.79	3.47	3.33	3.44	3.80	4.08	42.61
TOTAL	9.11	8.46	8.59	7.86	7.87	7.81	8.52	8.66	7.94	8.04	8.61	8.29	100.00
G8-1000													
ON ENERGY	3.85	3.82	4.16	3.46	4.16	4.12	3.68	4.39	4.08	4.32	4.48	3.80	48.20
OFF ENERGY	4.07	4.07	4.07	4.11	4.19	3.85	3.88	4.39	4.58	4.58	4.13	4.57	51.80
TOTAL	8.68	7.98	8.16	7.73	8.27	7.86	7.84	8.92	8.91	8.91	8.59	9.07	100.00
G8 TOTAL													
ON ENERGY	4.78	4.47	4.83	3.92	4.45	4.46	4.14	4.84	4.23	4.36	4.93	4.38	53.59
OFF ENERGY	4.80	3.98	3.82	3.93	3.38	3.23	3.70	3.59	3.78	4.41	3.83	5.01	48.41
TOTAL	9.38	8.48	8.68	7.74	7.83	7.69	7.80	8.23	7.80	8.14	8.76	9.39	100.00
STREET LIGHTS													
ON ENERGY	3.27	2.82	2.46	1.34	1.26	1.04	0.98	1.38	1.73	2.51	3.27	3.12	24.98
OFF ENERGY	7.23	6.16	6.27	6.08	5.48	5.00	5.48	5.88	6.30	6.84	6.87	7.30	75.02
TOTAL	10.50	8.78	7.42	7.42	6.74	6.04	6.46	7.28	8.03	9.35	9.84	10.75	100.00





SHEET 3 - COST OF POWER CALCULATIONS

**NAME OF UTILITY**  
**LICENCE NUMBER**  
**DATE**  
**VERSION NUMBER**  
**NAME OF CONTACT**  
**PHONE NUMBER**

Guelph Hydro Electric Systems Inc.  
EB-1999-0157  
36843  
2  
Jim Fallis  
519-822-1750 ext. 237

**COST OF POWER (COP) CALCULATIONS**

**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	350,819	270,607	83,145,055	80,443,805	67,471,870	65,779,879	
(B) PERCENT PURCHASED AT <115 KV	1.000	1.000					
(C) PERCENT PURCHASED AT >115 KV	0.000	0.000					
(D) PURCHASED AT <115 KV	350,819 \$/KW	270,607 \$/KW	83,145,055 \$/KWH	80,443,805 \$/KWH	67,471,870 \$/KWH	65,779,879 \$/KWH	
(E) WHOLESALE RATES	12.05	9.02	0.0609	0.0335	0.0503	0.023	
(F) COP =(D)*(E)	\$4,227,374	\$2,440,879	\$5,063,534	\$2,694,867	\$3,393,835	\$1,512,937	\$19,333,427
(G) PURCHASED AT >115 KV	0 \$/KW	0 \$/KW	0 \$/KWH	0 \$/KWH	0 \$/KWH	0 \$/KWH	
(H) WHOLESALE RATES	11.02	7.99	0.0609	0.0335	0.0503	0.023	
(I) COP =(G)*(H)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(J) TOTAL RESIDENTIAL COP =(F)+(I)	\$4,227,374	\$2,440,879	\$5,063,534	\$2,694,867	\$3,393,835	\$1,512,937	\$19,333,427

**SENTINEL LIGHTS**

	WINTER PEAK KW	SUMMER PEAK KW	WINTER PEAK KWH	WINTER OFF-PEAK KWH	SUMMER PEAK KWH	SUMMER OFF-PEAK KWH	TOTAL
(A) WHOLESALE VOLUME	270	46	34,014	80,450	15,242	67,476	
(B) PERCENT PURCHASED AT <115 KV	1.000	1.000					
(C) PERCENT PURCHASED AT >115 KV	0.000	0.000					
(D) PURCHASED AT <115 KV	270 \$/KW	46 \$/KW	34,014 \$/KWH	80,450 \$/KWH	15,242 \$/KWH	67,476 \$/KWH	
(E) WHOLESALE RATES	12.05	9.02	0.0609	0.0335	0.0503	0.023	
(F) COP =(D)*(E)	\$3,247	\$412	\$2,071	\$2,695	\$767	\$1,552	\$10,745
(G) PURCHASED AT >115 KV	0 \$/KW	0 \$/KW	0 \$/KWH	0 \$/KWH	0 \$/KWH	0 \$/KWH	
(H) WHOLESALE RATES	11.02	7.99	0.0609	0.0335	0.0503	0.023	
(I) COP =(G)*(H)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(J) TOTAL SENTINEL LIGHTS COP =(F)+(I)	\$3,247	\$412	\$2,071	\$2,695	\$767	\$1,552	\$10,745

**GENERAL SERVICE <50 KW**

	WINTER PEAK KW	SUMMER PEAK KW	WINTER PEAK KWH	WINTER OFF-PEAK KWH	SUMMER PEAK KWH	SUMMER OFF-PEAK KWH	TOTAL
(A) WHOLESALE VOLUME	104,281	82,861	30,616,589	28,153,413	22,148,802	18,003,939	
(B) PERCENT PURCHASED AT <115 KV	1.000	1.000					
(C) PERCENT PURCHASED AT >115 KV	0.000	0.000					
(D) PURCHASED AT <115 KV	104,281	82,861	30,616,589	28,153,413	22,148,802	18,003,939	
(E) WHOLESALE RATES	\$/KW 12.05	\$/KW 9.02	\$/KWH 0.0609	\$/KWH 0.0335	\$/KWH 0.0503	\$/KWH 0.023	
(F) COP =(D)*(E)	\$1,256,588	\$747,411	\$1,864,550	\$943,139	\$1,114,085	\$414,091	\$6,339,864
(G) PURCHASED AT >115 KV	0	0	0	0	0	0	
(H) WHOLESALE RATES	\$/KW 11.02	\$/KW 7.99	\$/KWH 0.0609	\$/KWH 0.0335	\$/KWH 0.0503	\$/KWH 0.023	
(I) COP =(G)*(H)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(J) TOTAL GENERAL SERVICE < 50 KW COP =(F)+(I)	\$1,256,588	\$747,411	\$1,864,550	\$943,139	\$1,114,085	\$414,091	\$6,339,864

**GENERAL SERVICE  
NON TIME OF USE >50 KW**

	WINTER PEAK KW	SUMMER PEAK KW	WINTER PEAK KWH	WINTER OFF-PEAK KWH	SUMMER PEAK KWH	SUMMER OFF-PEAK KWH	TOTAL
TOTAL GENERAL SERVICE VOLUME	764,546	823,681	242,688,240	219,162,785	225,984,293	186,716,898	
Less GENERAL SERVICE TIME OF USE	160,681	165,553	50,655,784	43,078,686	52,305,015	45,245,974	
Less INTERMEDIATE USE	0	0	0	0	0	0	
Less GENERAL SERVICE <50 KW	104,281	82,861	30,616,589	28,153,413	22,148,802	18,003,939	
(A) WHOLESALE VOLUME	499,584	575,266	161,415,867	147,930,687	151,530,476	123,466,985	
(B) PERCENT PURCHASED AT <115 KV	0.990	0.991					
(C) PERCENT PURCHASED AT >115 KV	0.010	0.009					
(D) PURCHASED AT <115 KV	494,588	570,089	159,801,708	146,451,380	150,166,702	122,355,782	
(E) WHOLESALE RATES	\$/KW 12.05	\$/KW 9.02	\$/KWH 0.0609	\$/KWH 0.0335	\$/KWH 0.0503	\$/KWH 0.023	
(F) COP =(D)*(E)	\$5,959,782	\$5,142,204	\$9,731,924	\$4,906,121	\$7,553,385	\$2,814,183	\$36,107,599
(G) PURCHASED AT >115 KV	4,996	5,177	1,614,159	1,479,307	1,363,774	1,111,203	
(H) WHOLESALE RATES	\$/KW 11.02	\$/KW 7.99	\$/KWH 0.0609	\$/KWH 0.0335	\$/KWH 0.0503	\$/KWH 0.023	
(I) COP =(G)*(H)	\$55,054	\$41,367	\$98,302	\$49,557	\$68,598	\$25,558	\$338,436
(J) TOTAL GENERAL SERVICE NON TIME OF USE >50 KW COP =(F)+(I)	\$6,014,836	\$5,183,571	\$9,830,226	\$4,955,678	\$7,621,983	\$2,839,741	\$36,446,035

DISTRIBUTION DATE  
MRCH 28, 2000

# GENERAL SERVICE TIME OF USE > 50 KW

	WINTER PEAK KW	SUMMER PEAK KW	WINTER PEAK KWH	WINTER OFF-PEAK KWH	SUMMER PEAK KWH	SUMMER OFF-PEAK KWH	TOTAL
(A) RETAIL VOLUME	197,883	208,243	49,308,655	41,933,060	50,914,026	44,042,712	
(B) COINCIDENCE FACTOR	0.812	0.795					
(C) SYSTEM LOSS ADJUST.			1.03	1.03	1.03	1.03	
(D) WHOLESALE VOLUME	160,681	165,553	50,655,784	43,078,686	52,305,015	45,245,974	
(B) PERCENT PURCHASED AT <115 KV	0.968	0.971					
(C) PERCENT PURCHASED AT >115 KV	0.032	0.029					
(D) PURCHASED AT <115 KV	155,539	160,752	49,034,799	41,700,168	50,788,169	43,933,841	
(E) WHOLESALE RATES	\$/KW 12.05	\$/KW 9.02	\$/KWH 0.0609	\$/KWH 0.0335	\$/KWH 0.0503	\$/KWH 0.023	
(F) COP =(D)*(E)	\$1,874,247	\$1,449,984	\$2,986,219	\$1,396,956	\$2,554,645	\$1,010,478	\$11,272,530
(G) PURCHASED AT >115 KV	5,142	4,801	1,620,985	1,378,518	1,516,845	1,312,133	
(H) WHOLESALE RATES	\$/KW 11.02	\$/KW 7.99	\$/KWH 0.0609	\$/KWH 0.0335	\$/KWH 0.0503	\$/KWH 0.023	
(I) COP =(G)*(H)	\$56,663	\$38,360	\$98,718	\$46,180	\$76,297	\$30,179	\$346,398
(J) TOTAL GENERAL SERVICE TIME OF USE COP =(F)+(I)	\$1,930,910	\$1,488,345	\$3,084,937	\$1,443,136	\$2,630,942	\$1,040,657	\$11,618,927

# INTERMEDIATE USE MONTHLY DEMAND > 3000 KW but less than 5000 KW

	WINTER PEAK KW	SUMMER PEAK KW	WINTER PEAK KWH	WINTER OFF-PEAK KWH	SUMMER PEAK KWH	SUMMER OFF-PEAK KWH	TOTAL
(A) RETAIL VOLUME	0	0	0	0	0	0	
(B) COINCIDENCE FACTOR	0.981	0.991					
(C) SYSTEM LOSS ADJUST.			1.03	1.03	1.03	1.03	
(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) PURCHASED AT <115 KV	0	0	0	0	0	0	
(E) WHOLESALE RATES	\$/KW 12.05	\$/KW 9.02	\$/KWH 0.0609	\$/KWH 0.0335	\$/KWH 0.0503	\$/KWH 0.023	
(F) COP =(D)*(E)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(G) PURCHASED AT >115 KV	0	0	0	0	0	0	
(H) WHOLESALE RATES	\$/KW 11.02	\$/KW 7.99	\$/KWH 0.0609	\$/KWH 0.0335	\$/KWH 0.0503	\$/KWH 0.023	
(I) COP =(G)*(H)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(J) TOTAL INTERMEDIATE USE COP =(F)+(I)	\$0	\$0	\$0	\$0	\$0	\$0	\$0

DISTRIBUTION DATE  
MRCH 28, 2000

## STREET LIGHTING

	WINTER PEAK KW	SUMMER PEAK KW	WINTER PEAK KWH	WINTER OFF-PEAK KWH	SUMMER PEAK KWH	SUMMER OFF-PEAK KWH	TOTAL
(A) WHOLESALE VOLUME	12,903	2,187	1,630,620	3,856,770	730,707	3,234,772	
(B) PERCENT PURCHASED AT <115 KV	1.000	1.000					
(C) PERCENT PURCHASED AT >115 KV	0.000	0.000					
(D) PURCHASED AT <115 KV	12,903 \$/KW	2,187 \$/KW	1,630,620 \$/KWH	3,856,770 \$/KWH	730,707 \$/KWH	3,234,772 \$/KWH	
(E) WHOLESALE RATES	12.05	9.02	0.0609	0.0335	0.0503	0.023	
(F) COP =(D)*(E)	\$155,484	\$19,724	\$99,305	\$129,202	\$36,755	\$74,400	\$514,869
(G) PURCHASED AT >115 KV	0 \$/KW	0 \$/KW	0 \$/KWH	0 \$/KWH	0 \$/KWH	0 \$/KWH	
(H) WHOLESALE RATES	11.02	7.99	0.0609	0.0335	0.0503	0.023	
(I) COP =(G)*(H)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(J) TOTAL STREET LIGHTING COP (F)+(I)	\$155,484	\$19,724	\$99,305	\$129,202	\$36,755	\$74,400	\$514,869

## LARGE USE

	WINTER PEAK KW	SUMMER PEAK KW	WINTER PEAK KWH	WINTER OFF-PEAK KWH	SUMMER PEAK KWH	SUMMER OFF-PEAK KWH	TOTAL
(A) RETAIL VOLUME	176,906	192,356	54,335,831	51,207,226	56,406,060	55,128,028	
(B) COINCIDENCE FACTOR	0.970	0.970					
(C) SYSTEM LOSS ADJUST.			1.01	1.01	1.01	1.01	
(D) WHOLESALE VOLUME	171,599	186,585	54,879,189	51,719,298	56,970,121	55,679,308	
(E) PERCENT PURCHASED AT < 115 KV	1.000	1.000					
(F) PERCENT PURCHASED AT > 115 KV	0.000	0.000					
(G) PURCHASED AT <115 KV	171,599 \$/KW	186,585 \$/KW	54,879,189 \$/KWH	51,719,298 \$/KWH	56,970,121 \$/KWH	55,679,308 \$/KWH	
(H) WHOLESALE RATES	12.05	9.02	0.0609	0.0335	0.0503	0.023	
(I) COP =(G)*(H)	\$2,067,766	\$1,683,000	\$3,342,143	\$1,732,596	\$2,865,597	\$1,280,624	\$12,971,726
(J) PURCHASED AT >115 KV	0 \$/KW	0 \$/KW	0 \$/KWH	0 \$/KWH	0 \$/KWH	0 \$/KWH	
(K) WHOLESALE RATES	11.02	7.99	0.0609	0.0335	0.0503	0.023	
(L) COP =(J)*(K)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(M) TOTAL LARGE USE COP (I)+(L)	\$2,067,766	\$1,683,000	\$3,342,143	\$1,732,596	\$2,865,597	\$1,280,624	\$12,971,726

## COST OF POWER RECONCILIATION CALCULATIONS

### CALCULATE ADJUSTED COP

	CALCULATED COP A	ACTUAL COP B	DIFFERENCE C=A-B	CLASS SHARE D	ADJUSTMENT E=C*D	ADJUSTED COP A-E
RESIDENTIAL	\$19,333,427			0.309	\$66,844	\$19,266,583
SENTINEL LIGHTS	\$10,745			0.000	\$37	\$10,707
GENERAL SERVICE NON TIME OF USE >50 KW	\$36,446,035			0.582	\$126,009	\$36,320,026
GENERAL SERVICE NON TIME OF USE <50 KW	\$6,339,864			0.101	\$21,920	\$6,317,944
STREET LIGHTING	\$514,869			0.008	\$1,780	\$513,088
SUBTOTAL	\$62,644,938				\$216,590	\$62,428,349
LARGE USE	\$12,971,726				\$0	\$12,971,726
GENERAL SERVICE TIME OF USE > 50 KW	\$11,618,927				\$0	\$11,618,927
INTERMEDIATE USE	\$0				\$0	\$0
TOTAL	\$87,235,592	\$87,019,002	\$216,590			\$87,019,002

# DISTRIBUTE ADJUSTMENT TO TIME OF USE PERIODS

RESIDENTIAL	WINTER PEAK KW	SUMMER PEAK KW	WINTER PEAK KWH	WINTER OFF-PEAK KWH	SUMMER PEAK KWH	SUMMER OFF-PEAK KWH	TOTAL
(A) RESIDENTIAL COP \$	\$4,227,374	\$2,440,879	\$5,063,534	\$2,694,867	\$3,393,835	\$1,512,937	\$19,333,427
(B) TOU SHARE OF TOTAL COP	0.219	0.126	0.262	0.139	0.176	0.078	
(C)ADJUSTMENT \$ (B)*E	\$14,616	\$8,439	\$17,507	\$9,317	\$11,734	\$5,231	\$66,844
ADJUSTED TOU COP \$ (A)-(C)	\$4,212,758	\$2,432,440	\$5,046,027	\$2,685,550	\$3,382,101	\$1,507,706	\$19,266,583
SENTINEL LIGHTS	WINTER PEAK KW	SUMMER PEAK KW	WINTER PEAK KWH	WINTER OFF-PEAK KWH	SUMMER PEAK KWH	SUMMER OFF-PEAK KWH	TOTAL
(A) SENTINEL LIGHTS COP \$	\$3,247	\$412	\$2,071	\$2,695	\$767	\$1,552	\$10,745
(B) TOU SHARE OF TOTAL COP	0.302	0.038	0.193	0.251	0.071	0.144	
(C)ADJUSTMENT \$ (B)*E	\$11	\$1	\$7	\$9	\$3	\$5	\$37
ADJUSTED TOU COP \$ (A)-(C)	\$3,236	\$411	\$2,064	\$2,686	\$764	\$1,547	\$10,707
GENERAL SERVICE NON TIME OF USE >50 KW	WINTER PEAK KW	SUMMER PEAK KW	WINTER PEAK KWH	WINTER OFF-PEAK KWH	SUMMER PEAK KWH	SUMMER OFF-PEAK KWH	TOTAL
(A) GENERAL SERVICE COP \$	\$6,014,836	\$5,183,571	\$9,830,226	\$4,955,678	\$7,621,983	\$2,839,741	\$36,446,035
(B) TOU SHARE OF TOTAL COP	0.165	0.142	0.270	0.136	0.209	0.078	
(C)ADJUSTMENT \$ (B)*E	\$20,796	\$17,922	\$33,987	\$17,134	\$26,352	\$9,818	\$126,009
ADJUSTED TOU COP \$ (A)-(C)	\$5,994,040	\$5,165,649	\$9,796,239	\$4,938,544	\$7,595,631	\$2,829,922	\$36,320,026
GENERAL SERVICE <50 KW	WINTER PEAK KW	SUMMER PEAK KW	WINTER PEAK KWH	WINTER OFF-PEAK KWH	SUMMER PEAK KWH	SUMMER OFF-PEAK KWH	TOTAL
(A) GENERAL SERVICE <50 KW COP \$	\$1,256,588	\$747,411	\$1,864,550	\$943,139	\$1,114,085	\$414,091	\$6,339,864
(B) TOU SHARE OF TOTAL COP	0.198	0.118	0.294	0.149	0.176	0.065	
(C)ADJUSTMENT \$ (B)*E	\$4,345	\$2,584	\$6,447	\$3,261	\$3,852	\$1,432	\$21,920
ADJUSTED TOU COP \$ (A)-(C)	\$1,252,243	\$744,827	\$1,858,104	\$939,878	\$1,110,233	\$412,659	\$6,317,944
STREET LIGHTING	WINTER PEAK KW	SUMMER PEAK KW	WINTER PEAK KWH	WINTER OFF-PEAK KWH	SUMMER PEAK KWH	SUMMER OFF-PEAK KWH	TOTAL
(A) STREET LIGHTING COP \$	\$155,484	\$19,724	\$99,305	\$129,202	\$36,755	\$74,400	\$514,869
(B) TOU SHARE OF TOTAL COP	0.302	0.038	0.193	0.251	0.071	0.145	
(C)ADJUSTMENT \$ (B)*E	\$538	\$68	\$343	\$447	\$127	\$257	\$1,780
ADJUSTED TOU COP \$ (A)-(C)	\$154,946	\$19,656	\$98,961	\$128,755	\$36,627	\$74,143	\$513,088
LARGE USE	WINTER PEAK KW	SUMMER PEAK KW	WINTER PEAK KWH	WINTER OFF-PEAK KWH	SUMMER PEAK KWH	SUMMER OFF-PEAK KWH	TOTAL
(A) LARGE USE COP \$	\$2,067,766	\$1,683,000	\$3,342,143	\$1,732,596	\$2,865,597	\$1,280,624	\$12,971,726
(B) TOU SHARE OF TOTAL COP	0.159	0.130	0.258	0.134	0.221	0.099	
(C)ADJUSTMENT \$ (B)*E	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ADJUSTED TOU COP \$ (A)-(C)	\$2,067,766	\$1,683,000	\$3,342,143	\$1,732,596	\$2,865,597	\$1,280,624	\$12,971,726
GENERAL SERVICE TIME OF USE > 50 KW	WINTER PEAK KW	SUMMER PEAK KW	WINTER PEAK KWH	WINTER OFF-PEAK KWH	SUMMER PEAK KWH	SUMMER OFF-PEAK KWH	TOTAL
(A) GENERAL SERVICE TOU COP \$	\$1,930,910	\$1,488,345	\$3,084,937	\$1,443,136	\$2,630,942	\$1,040,657	\$11,618,927
(B) TOU SHARE OF TOTAL COP	0.166	0.128	0.266	0.124	0.226	0.090	
(C)ADJUSTMENT \$ (B)*E	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ADJUSTED TOU COP \$ (A)-(C)	\$1,930,910	\$1,488,345	\$3,084,937	\$1,443,136	\$2,630,942	\$1,040,657	\$11,618,927
INTERMEDIATE USE	WINTER PEAK KW	SUMMER PEAK KW	WINTER PEAK KWH	WINTER OFF-PEAK KWH	SUMMER PEAK KWH	SUMMER OFF-PEAK KWH	TOTAL
(A) INTERMEDIATE 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

DISTRIBUTION DATE  
MARCH 28, 2000

SHEET4 - REVENUE REQTS & DISTR. CHARGES

NAME OF UTILITY

Guelph Hydro Electric Systems Inc.

LICENCE NUMBER

EB-1999-0157

DATE

36843

VERSION NUMBER

2

NAME OF CONTACT

Jim Fallis

PHONE NUMBER

519-822-1750 ext. 237

RATE CLASS REVENUE REQUIREMENTS AND DISTRIBUTION CHARGES

RESIDENTIAL

CALCULATE REVENUE REQUIREMENTS

BLOCK	SALES KWH	BLOCK RATE \$/KWH	REVENUE REQUIREMENT \$
NON TIME OF USE:			
SERVICE CHARGE			0
FIRST 250 KWH	98,018,796	0.1230	\$ 12,056,311.91
BALANCE OF KWH	190,897,826	0.0727	\$ 13,878,271.95
SUBTOTAL	288,916,622		\$ 25,934,583.86

TIME OF USE:

SERVICE CHARGE		\$	-
WINTER PEAK 250 KWH	0	0 \$	-
WINTER PEAK BALANCE	0	0 \$	-
WINTER OFF PEAK ALL	0	0 \$	-
SUMMER PEAK 250 KWH	0	0 \$	-
SUMMER PEAK BALANCE	0	0 \$	-
SUMMER OFF PEAK ALL	0	0 \$	-
SUBTOTAL	0	\$	-

MINIMUM BILLS 29870 20051

TOTAL REVENUE REQUIREMENT 288,946,492 \$ 25,954,634.86

CALCULATE DISTRIBUTION REVENUE REQUIREMENT

TOTAL ANNUAL REVENUE	COST OF POWER	DISTRIBUTION REVENUE
A	B	C=A-B
\$25,954,634.86	\$ 19,266,583.30	\$ 6,688,051.56

CALCULATE DISTRIBUTION ENERGY (KWH) RATE

INCREMENTAL DISTRIBUTION COST PER KWH	RETAIL KWH	VARIABLE REVENUE
A	B	E=A*B
0.00902707	288,946,492	\$ 2,608,340.11

RESIDENTIAL DISTRIBUTION MONTHLY SERVICE CHARGE AND COP KWH RATE

	DISTRIBUTION REVENUE	VARIABLE REVENUE	SERVICE CHARGE REVENUE	NUMBER OF CUSTOMERS	DISTRIBUTION SERVICE CHARGE PER MONTH \$/MONTH/CUSTOMER
	A	B	C=A-B	D	E=C/D/12
DISTRIBUTION MONTHLY SERVICE CHARGE	\$ 6,688,051.56	\$ 2,608,340.11 39.00%	\$ 4,079,711.45 61.00%	33691	\$10.0910

NOTE: FOR TIME OF USE CUSTOMERS, THERE IS AN ADDITIONAL CHARGE FOR METERS. THIS AMOUNTS TO AN ADDITIONAL CHARGE OF \$5.50 PER METER PER MONTH AND WILL BE SHOWN AS A SEPARATE CHARGE. IF THE CHARGE FOR YOUR UTILITY DIFFERS FROM THIS, USE YOUR UTILITY SPECIFIC CHARGE.

	COST OF POWER F	ANNUAL KWH G	COST OF POWER RATE \$/KWH H=F/G
COP KWH RATE	\$ 19,266,583.30	288,946,492	0.0667

RESIDENTIAL CLASS TOU RATES

	WINTER PEAK (KW)	SUMMER PEAK (KW)	WINTER PEAK (KWH)	WINTER OFF-PEAK (KWH)	SUMMER PEAK (KWH)	SUMMER OFF-PEAK (KWH)
(A) COP \$	\$ 4,212,758.14	\$ 2,432,440.32	\$ 5,046,027.09	\$ 2,685,550.20	\$ 3,382,101.19	\$ 1,507,706.37
(B) TOTAL COP/TOU PERIOD \$			\$ 9,258,785.23	\$ 2,685,550.20	\$ 5,814,541.51	\$ 1,507,706.37
(C) WHOLESALE KWH			83,145,055	80,443,805	67,471,870	65,779,879
(D) SYSTEM LOSS ADJUSTMENT			1.027	1.027	1.027	1.027
(E) RETAIL KWH (C)/(D)			80,933,912	78,304,499	65,877,538	64,030,543
(D) TOU RATES (B)/(E) \$/KWH			0.1144	0.0343	0.0885	0.0235

# SENTINEL LIGHTS

## NON TIME OF USE

### CALCULATE REVENUE REQUIREMENTS

	SALES IN BLOCK KW	BLOCK RATE \$/CONNECT- ED KW	REVENUE
	533	28.17	\$ 15,014.61
			\$ -
TOTAL	533		\$ 15,014.61

### CALCULATE DISTRIBUTION REVENUE REQUIREMENT

	TOTAL ANNUAL REVENUE	COST OF POWER	DISTRIBUTION REVENUE
	A	B	C=A-B
\$	15,014.61	\$10,707	\$ 4,307.14

### 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 REVENUE	VARIABLE REVENUE	SERVICE CHARGE REVENUE	CALCULATE DISTRIBUTION DEMAND (KW) RATE		
				VARIABLE REVENUE	RETAIL KW	DISTRIBUTION KW RATE
RESIDENTIAL CLASS REVENUE	\$ 6,688,051.56	\$ 2,608,340.11	\$ 4,079,711.45	\$		
REVENUE SHARE		0.390	0.610	A	B	C=A/B
(A) SENTINEL LIGHT REVENUE	\$ 4,307.14			\$ 1,679.78	533	3.1516
(B) REVENUE SHARE		0.390	0.610			
(C) (A)*(B)		\$ 1,679.78	\$ 2,627.35			

SENTINEL LIGHT MONTHLY SERVICE CHARGE	DISTRIBUTION REVENUE	VARIABLE REVENUE	SERVICE CHARGE REVENUE	NUMBER OF MONTHLY CONNECTIONS	MONTHLY SERVICE CHARGE \$/MONTH/CONNECTION
	A	B	C=A-B	D	E=C/D/12
MONTHLY SERVICE CHARGE	\$ 4,307.14	\$ 1,679.78	\$ 2,627.35	46	\$4.7597

### SENTINEL LIGHT COST OF POWER RATES

	WINTER PEAK (KW)	SUMMER PEAK (KW)	WINTER PEAK (KWH)	WINTER OFF PEAK (KWH)	SUMMER PEAK (KWH)	SUMMER OFF PEAK (KWH)
	1	2	3	4	5	6
(A) COP \$	\$3,236	\$411	\$2,064	\$2,686	\$764	\$1,547
(B) TOTAL COP \$	\$10,707					
(C) RETAIL KW	533					
(D) KW RATE (B)/(C)	\$ 20.09					

OR

### SENTINEL LIGHTS TIME OF USE

### CALCULATE REVENUE REQUIREMENTS

	SALES IN BLOCK KW	BLOCK RATE \$/CONNECT- ED KW	REVENUE
WINTER DEMAND	0	29.00	\$ -
SUMMER DEMAND	0	17.60	\$ -
TOTAL	0		\$ -

DISTRIBUTION DATE  
MARCH 28, 2000

#### CALCULATE DISTRIBUTION REVENUE REQUIREMENT

TOTAL ANNUAL REVENUE	COST OF POWER	DISTRIBUTION REVENUE
A	B	C=A-B
\$ -	\$10,707	\$ (10,707.47)

#### 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 REVENUE	VARIABLE REVENUE	SERVICE CHARGE REVENUE	CALCULATE DISTRIBUTION DEMAND (KW) RATE		
				VARIABLE REVENUE	RETAIL KW	DISTRIBUTION KW RATE
RESIDENTIAL CLASS REVENUE	\$ 6,688,051.56	\$ 2,608,340.11	\$ 4,079,711.45	\$		
REVENUE SHARE		0.390	0.610	A	B	C=A/B
(A) SENTINEL LIGHT REVENUE	\$ (10,707.47)			\$ (4,175.91)	0	#DIV/0!
(B) REVENUE SHARE		0.390	0.610			
(C) (A)/(B)		\$ (4,175.91)	\$ (6,531.56)			

SENTINEL LIGHT MONTHLY SERVICE CHARGE	DISTRIBUTION REVENUE	VARIABLE REVENUE	SERVICE CHARGE REVENUE	NUMBER OF MONTHLY CONNECTIONS	MONTHLY SERVICE CHARGE \$/MONTH/CONNECTION
	A	B	C=A-B	D	E=C/D/12
MONTHLY SERVICE CHARGE	\$ (10,707.47)	\$ (4,175.91)	\$ (6,531.56)	46	(\$11.8325)

#### SENTINEL LIGHT COST OF POWER RATES

	WINTER PEAK (KW)	SUMMER PEAK (KW)	WINTER PEAK (KWH)	WINTER OFF PEAK (KWH)	SUMMER PEAK (KWH)	SUMMER OFF PEAK (KWH)
	1	2	3	4	5	6
(A) COP \$	\$3,236	\$411	\$2,064	\$2,686	\$764	\$1,547
(B) WINTER/SUMMER COP \$	1+3+4	2+5+6				
	\$7,986	\$2,721				
(C) RETAIL KW	0	0				
(D) KW RATE (B)/(C)	#DIV/0!	#DIV/0!				

#### GENERAL SERVICE

##### NON TIME OF USE <50 KW

#### CALCULATE REVENUE REQUIREMENT

	SALES IN BLOCK	BLOCK RATE	REVENUE REQUIREMENT
			\$
SERVICE CHARGE			\$ -
ENERGY	KWH	\$/KWH	
FIRST 250 KWH	8,102,092	0.1230	996,557
NEXT 12250 KWH	87,170,908	0.0774	6,747,028
NEXT BLOCK	1,019,012	0.0584	57,472
BALANCE KWH	0	0.0000	0
MINIMUM BILLS	0		0
SUBTOTAL	96,292,012		7,801,058
DEMAND	KW	\$/KW	
FIRST 50 KW	52,626	0.0000	0
SUBTOTAL	52,626		0
TOTAL			7,801,058



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# NON TIME OF USE <50 KW

## CALCULATE DISTRIBUTION REVENUE REQUIREMENT

ANNUAL REVENUE	COST OF POWER TOTAL	DISTRIBUTION REVENUE
A	B	C=A-B
\$ 7,801,057.87	\$6,317,944	\$ 1,483,113.79

## 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 <50 KW CLASS AS THOSE CALCULATED FOR THE RESIDENTIAL CLASS.

	DISTRIBUTION REVENUE	VARIABLE REVENUE	SERVICE CHARGE REVENUE	CALCULATE DISTRIBUTION DEMAND (KWH) RATE		
				VARIABLE REVENUE	RETAIL KWH	DISTRIBUTION KWH RATE
RESIDENTIAL CLASS REVENUE	\$ 6,688,051.56	\$ 2,608,340.11	\$ 4,079,711.45			
REVENUE SHARE		0.390	0.610	\$		
				A	B	C=A/B
(A) <50 KW CLASS REVENUE	\$ 1,483,113.79			\$ 1,193,906.60	96,292,012	\$0.0124
(B) REVENUE SHARE		0.805	0.195			
(C) (A)*(B)		\$ 1,193,906.60	\$ 289,207.19			

## <50 KW CLASS MONTHLY SERVICE CHARGE

	DISTRIBUTION REVENUE	VARIABLE REVENUE	SERVICE CHARGE REVENUE	NUMBER OF MONTHLY CUSTOMERS	SERVICE CHARGE \$/MONTH/CUSTOMER
	\$	\$	\$		
	A	B	C=A-B	D	E=C/D/12
MONTHLY SERVICE CHARGE	\$ 1,483,113.79	\$ 1,193,906.60	\$ 289,207.19	2922	\$8.2480

NOTE: FOR TIME OF USE CUSTOMERS, THERE IS AN ADDITIONAL CHARGE FOR METERS. THIS AMOUNTS TO AN ADDITIONAL CHARGE OF \$5.50 PER METER PER MONTH AND WILL BE SHOWN AS A SEPARATE CHARGE. IF THE CHARGE FOR YOUR UTILITY DIFFERS FROM THIS, USE YOUR UTILITY SPECIFIC CHARGE.

## <50 KW COST OF POWER RATE

	COST OF POWER F	ANNUAL KWH G	COST OF POWER RATE \$/KWH H=F/G
COP KWH RATE	\$ 6,317,944.08	96,292,012	0.0656

## <50 KW CLASS TIME OF USE RATES

	WINTER PEAK (KW)	SUMMER PEAK (KW)	WINTER PEAK (KWH)	WINTER OFF-PEAK (KWH)	SUMMER PEAK (KWH)	SUMMER OFF-PEAK (KWH)
(A) COP \$	\$ 1,252,243.46	\$ 744,826.57	\$ 1,858,103.74	\$ 939,878.50	\$ 1,110,232.89	\$ 412,658.92
(B) TOTAL COP/TOU PERIOD \$			\$ 3,110,347.20	\$ 939,878.50	\$ 1,855,059.47	\$ 412,658.92
(C) WHOLESALE KWH			30,616,589	28,153,413	22,148,802	18,003,939
(D) SYSTEM LOSS ADJUSTMENT			1.027	1.027	1.027	1.027
(E) RETAIL KWH (C)/(D)			29,802,378	27,404,707	21,559,781	17,525,146
(D) TOU RATES (B)/(E) \$/KWH			0.1044	0.0343	0.0860	0.0235

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NON-TIME OF USE >50 KW

CALCULATE REVENUE REQUIREMENT

BLOCK	BLOCK	RATE	REQUIREMENT
SERVICE CHARGE			\$0.00
ENERGY	KWH	\$/KWH	
FIRST 250 KWH	3,323,834	0.1230	\$ 408,831.58
NEXT 12250 KWH	94,454,786	0.0774	\$ 7,310,801.37
NEXT BLOCK	465,280,811	0.0564	\$28,241,837.74
BALANCE KWH	5,742,875	0.0354	\$ 203,297.78
MINIMUM BILLS	1,774		\$13,555.00
SUBTOTAL	568,804,092		\$34,178,323.46
DEMAND	KW	\$/KW	
FIRST 50 KW	293,127	0.0000	\$ -
NEXT BLOCK	1,084,950	5.2500	\$ 5,748,487.50
BALANCE KW	0	0.0000	\$ -
MINIMUM BILLS	0		\$0.00
SUBTOTAL	1,388,077		\$ 5,748,487.50
TOTAL			\$39,926,810.96

NON-TIME OF USE >50 KW

CALCULATE DISTRIBUTION REVENUE REQUIREMENT

ANNUAL REVENUE	COST OF POWER TOTAL	DISTRIBUTION REVENUE
A	B	C=A-B
\$39,926,810.96	\$36,320,026	\$ 3,606,785.43

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 REVENUE	VARIABLE REVENUE	SERVICE CHARGE REVENUE	CALCULATE DISTRIBUTION DEMAND (KW) RATE		
				VARIABLE REVENUE	RETAIL KW	DISTRIBUTION KW RATE
RESIDENTIAL CLASS REVENUE	\$ 6,888,051.56	\$ 2,608,340.11	\$ 4,079,711.45	\$		
REVENUE SHARE		0.390	0.610	A	B	C=A/B
(A) NON-TIME OF USE >50 KW REVENUE	\$ 3,606,785.43			\$ 2,164,071.26	1,388,077	\$ 1.5590
(B) REVENUE SHARE		0.600	0.400			
(C) (A)*(B)		\$ 2,164,071.26	\$ 1,442,714.17			

NON-TIME OF USE >50 KW MONTHLY SERVICE CHARGE

	DISTRIBUTION REVENUE	VARIABLE REVENUE	SERVICE CHARGE REVENUE	NUMBER OF CUSTOMERS	MONTHLY SERVICE CHARGE \$/MONTH/CUSTOMER
	\$	\$	\$		
	A	B	C=A-B	D	E=C/D/12
MONTHLY SERVICE CHARGE	\$ 3,606,785.43	\$ 2,164,071.26	\$ 1,442,714.17	693	\$173.4866

NON-TIME OF USE > 50 KW COST OF POWER RATES

	WINTER PEAK (KWH)	SUMMER PEAK (KWH)	WINTER PEAK (KWH)	WINTER OFF PEAK (KWH)	SUMMER PEAK (KWH)	SUMMER OFF PEAK (KWH)
	1	2	3	4	5	6
(A) NON TIME OF USE COP \$	\$ 5,994,039.83	\$ 5,165,649.34	\$ 9,796,239.11	\$4,938,544.19	\$7,595,630.58	2,829,922
(B) TOTAL DEMAND COST 1+2	\$	\$11,159,689.16				
(C) TOTAL ENERGY COST 3+4+5+6	\$	\$25,160,336.37				
(D) TOTAL KW SALES	KW	1,388,077				
(E) TOTAL KWH SALES	KWH	568,804,092				
(F) COP KW RATE (B)/(D)	\$/KW	8.0397				
(G) COP KWH RATE (C)/(E)	\$/KWH	0.0442				

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TIME OF USE > 50 KW

CALCULATE REVENUE REQUIREMENT

BLOCK	SALES IN BLOCK	BLOCK RATE	REVENUE REQUIREMENT
SERVICE CHARGE			\$ -
ENERGY	KWH	\$/KWH	
WINTER PEAK FIRST BLOCK	27,542	0.1688	\$ 4,649.09
WINTER PEAK NEXT BLOCK	715,941	0.1262	\$ 90,351.75
WINTER PEAK NEXT BLOCK	47,824,784	0.0862	\$ 4,131,116.38
WINTER BALANCE BLOCK	640,388	0.0463	\$ 29,649.96
WINTER OFF PEAK ALL	41,933,060	0.0345	\$ 1,448,690.57
SUMMER PEAK FIRST BLOCK	27,800	0.1476	\$ 4,103.28
SUMMER PEAK NEXT BLOCK	698,896	0.1036	\$ 72,405.63
SUMMER PEAK NEXT BLOCK	48,599,467	0.0719	\$ 3,494,301.68
SUMMER BALANCE BLOCK	1,587,863	0.0402	\$ 63,832.09
SUMMER OFF PEAK ALL	44,042,712	0.0237	\$ 1,043,812.27
MINIMUM BILLS	0		\$0.00
SUBTOTAL	186,198,453		\$ 10,380,912.71
DEMAND	KW	\$/KW	
WINTER FIRST 50 KW	5,513	0.0000	\$ -
WINTER SECOND BLOCK	192,370	5.4500	\$ 1,048,416.50
WINTER BALANCE BLOCK	0	15.2500	\$ -
SUMMER FIRST 50 KW	5,515	0.0000	\$ -
SUMMER SECOND BLOCK	201,175	4.3500	\$ 875,111.25
SUMMER BALANCE BLOCK	1,553	11.1200	\$ 17,269.36
MINIMUM BILLS	0		\$0.00
SUBTOTAL	406,126		\$ 1,940,797.11
TOTAL			\$ 12,321,709.82

TIME OF USE > 50 KW

CALCULATE DISTRIBUTION REVENUE REQUIREMENT

ANNUAL REVENUE	COST OF POWER TOTAL	DISTRIBUTION REVENUE
A	B	C=A-B
\$ 12,321,709.82	\$ 11,618,927	\$ 702,782.33

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 TIME OF USE SUB-CLASS AS THOSE CALCULATED FOR THE RESIDENTIAL CLASS.

	DISTRIBUTION REVENUE	VARIABLE REVENUE	SERVICE CHARGE REVENUE	CALCULATE DISTRIBUTION DEMAND (KW) RATE		
				VARIABLE REVENUE	RETAIL KW	DISTRIBUTION KW RATE
RESIDENTIAL CLASS REVENUE	\$ 6,888,051.56	\$ 2,608,340.11	\$ 4,079,711.45	\$		
REVENUE SHARE		0.390	0.810	A	B	C=A/B
(A) TIME OF USE REVENUE	\$ 702,782.33			\$ 527,086.75	406,126	1.2978
(B) REVENUE SHARE		0.750	0.250			
(C) (A)*(B)		\$ 527,086.75	\$ 175,695.58			

TIME OF USE MONTHLY SERVICE CHARGE

	DISTRIBUTION REVENUE	VARIABLE REVENUE	SERVICE CHARGE REVENUE	NUMBER OF MONTHLY CUSTOMERS	MONTHLY SERVICE CHARGE \$/MONTH/CUSTOMER
	\$	\$	\$		
	A	B	C=A-B	D	E=C/D/12
MONTHLY SERVICE CHARGE	\$ 702,782.33	\$ 527,086.75	\$ 175,695.58	33	\$443.6757

NOTE: FOR TIME OF USE CUSTOMERS, THERE IS AN ADDITIONAL CHARGE FOR METERS IF NOT ALREADY INCLUDED IN THE RATES. THIS AMOUNTS TO AN ADDITIONAL CHARGE OF \$5.50 PER METER PER MONTH AND WILL BE SHOWN AS A SEPARATE CHARGE. IF THE CHARGE FOR YOUR UTILITY DIFFERS FROM THIS, USE YOUR UTILITY SPECIFIC CHARGE.

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TIME OF USE COST OF POWER RATES	WINTER PEAK (KW) 1	SUMMER PEAK (KW) 2	WINTER PEAK (KWH) 3	WINTER OFF PEAK (KWH) 4	SUMMER PEAK (KWH) 5	SUMMER OFF PEAK (KWH) 6
(A) TIME OF USE COP \$	\$ 1,930,909.96	\$ 1,488,344.66	\$ 3,084,937.27	\$ 1,443,135.97	\$ 2,630,942.24	\$ 1,040,657.40
(B) KW SALES	197,883	208,243				
(C) KWH SALES			49,308,655	41,933,060	50,914,026	44,042,712
(D) KW RATE (A)/(B)	\$ 9.76	\$ 7.15				
(E) KWH RATE (A)/(C)			\$0.0626	\$0.0344	\$0.0517	\$0.0236

#### INTERMEDIATE USE

##### CALCULATE REVENUE REQUIREMENT

	SALES IN BLOCK	RATE	REVENUE
	KW	\$/KW	\$
WINTER PEAK	0	0.00	\$ -
SUMMER PEAK	0	0.00	\$ -
SUBTOTAL	0		\$ -
	KWH	\$/KWH	\$
WINTER PEAK	0	0	\$ -
WINTER OFF PEAK	0	0	\$ -
SUMMER PEAK	0	0	\$ -
SUMMER OFF-PEAK	0	0	\$ -
SUBTOTAL	0		\$ -
TOTAL			\$ -

#### INTERMEDIATE USE

##### CALCULATE DISTRIBUTION REVENUE REQUIREMENT

	ANNUAL REVENUE	COST OF POWER TOTAL	DISTRIBUTION REVENUE
	A	B	C=A-B
\$	-	\$0	\$ -

#### 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 INTERMEDIATE USE SUB-CLASS AS THOSE CALCULATED FOR THE RESIDENTIAL CLASS.

	DISTRIBUTION REVENUE	VARIABLE REVENUE	SERVICE CHARGE REVENUE	CALCULATE DISTRIBUTION DEMAND (KW) RATE		
				VARIABLE REVENUE \$ A	RETAIL KW B 0	DISTRIBUTION KW RATE C=A/B #DIV/0!
RESIDENTIAL CLASS REVENUE	\$ 6,688,051.56	\$ 2,608,340.11	\$ 4,079,711.45			
REVENUE SHARE		0.390	0.610			
(A) INTERMEDIATE USE REVENUE	\$ -			\$ -		
(B) REVENUE SHARE		0.390	0.610			
(C) (A)*(B)		\$ -	\$ -			

#### INTERMEDIATE USE MONTHLY SERVICE CHARGE

	DISTRIBUTION REVENUE \$ A	VARIABLE REVENUE \$ B	SERVICE CHARGE REVENUE \$ C=A-B	NUMBER OF CUSTOMERS D 1	MONTHLY SERVICE CHARGE \$/MONTH/CUSTOMER E=C/D/12
MONTHLY SERVICE CHARGE	\$ -	\$ -	\$ -		\$0.0000

INTERMEDIATE USE COST OF POWER RATES	WINTER PEAK (KW)	SUMMER PEAK (KW)	WINTER PEAK (KWH)	WINTER OFF PEAK (KWH)	SUMMER PEAK (KWH)	SUMMER OFF PEAK (KWH)
(A) COP \$	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
(B) KW SALES	0	0				
(C) RETAIL KWH SALES			0	0	0	0
(D) KW RATE (A)/(B)	#DIV/0!	#DIV/0!				
(E) KWH RATE (A)/(C)			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

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# STREET LIGHTING

NOTE: IF YOUR RESULTS FROM THE CALCULATION METHODOLOGY BELOW TURN OUT NEGATIVE FOR DISTRIBUTION REVENUE YOU MAY WANT TO CONSIDER THE FOLLOWING SUGGESTION TO SOLVE THIS PROBLEM.

(1) ADD THE TOTAL ANNUAL REVENUE FOR THE GENERAL SERVICE <50 KW AND GENERAL SERVICE >50 KW TOGETHER. DO THE SAME FOR DISTRIBUTION REVENUE. THEN CALCULATE THE PERCENTAGE SHARE OF THE DISTRIBUTION REVENUE TO TOTAL ANNUAL REVENUE.

(2) APPLY THIS PERCENTAGE TO THE TOTAL ANNUAL REVENUE FOR STREETLIGHTING TO DETERMINE THE DISTRIBUTION REVENUE FOR THIS CLASS AND PROCEED WITH THE REST OF THE ORIGINAL CALCULATION METHODOLOGY. YOU WILL HAVE TO ADJUST THE RATES TO REFLECT THE AMOUNT OF THE CALCULATED DISTRIBUTION REVENUE.

(3) TO REMAIN REVENUE NEUTRAL, YOU WILL THEN HAVE TO SUBTRACT THE DISTRIBUTION REVENUE AMOUNT FROM THE GENERAL SERVICE <50 KW AND GENERAL SERVICE >50 KW GROUPS REVENUE REQUIREMENTS AND ADJUST RATES ACCORDINGLY.

## STREET LIGHTING NON TIME OF USE

### CALCULATE REVENUE REQUIREMENTS

	SALES IN BLOCK KW	BLOCK RATE \$/CONNECT- ED KW	REVENUE
	21,154	25.55	\$ 540,484.70
TOTAL	21,154		\$ 540,484.70

### CALCULATE DISTRIBUTION REVENUE REQUIREMENT

	TOTAL ANNUAL REVENUE	COST OF POWER	DISTRIBUTION REVENUE
	A	B	C=A-B
	\$ 540,484.70	\$ 513,088.48	\$ 27,396.22

### 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 STREET LIGHTING CLASS AS THOSE CALCULATED FOR THE RESIDENTIAL CLASS.

	DISTRIBUTION REVENUE	VARIABLE REVENUE	SERVICE CHARGE REVENUE	CALCULATE DISTRIBUTION DEMAND (KW) RATE		
				VARIABLE REVENUE	RETAIL KW	DISTRIBUTION KW RATE
RESIDENTIAL CLASS REVENUE	\$ 8,888,051.56	\$ 2,608,340.11	\$ 4,079,711.45			
REVENUE SHARE		0.390	0.610	\$ A	B	C=A/B
(A) STREET LIGHTING REVENUE	\$ 27,396.22			\$ 10,684.53	21,154	\$ 0.5051
(B) REVENUE SHARE		0.390	0.610			
(C) (A)*(B)		\$ 10,684.53	\$ 16,711.69			

STREET LIGHTING MONTHLY SERVICE CHARGE	DISTRIBUTION REVENUE	VARIABLE REVENUE	SERVICE CHARGE REVENUE	NUMBER OF MONTHLY CONNECTIONS	MONTHLY SERVICE CHARGE \$/MONTH/CONNECTION
	A	B	C=A-B	D	E=C/D/12
MONTHLY SERVICE CHARGE	\$ 27,396.22	\$ 10,684.53	\$ 16,711.69	10129	\$0.1375

### STREET LIGHTING COST OF POWER RATES

	WINTER PEAK (KW)	SUMMER PEAK (KW)	WINTER PEAK (KWH)	WINTER OFF PEAK (KWH)	SUMMER PEAK (KWH)	SUMMER OFF PEAK (KWH)
	1	2	3	4	5	6
(A) COP \$	\$154,946	\$19,656	\$98,961	\$128,755	\$36,627	\$74,143
(B) TOTAL COP \$	\$513,088					
(C) RETAIL KW	21,154					
(D) KW RATE (B)/(C)	\$ 24.25					

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OR

STREET LIGHTING TIME OF USE

CALCULATE REVENUE REQUIREMENTS

	SALES IN BLOCK KW	BLOCK RATE \$/CONNECT- ED KW	REVENUE	TOTAL ANNUAL REVENUE	COST OF POWER	DISTRIBUTION REVENUE
WINTER DEMAND	0	0.00	\$ -	A	B	C=A-B
SUMMER DEMAND	0	0.00	\$ -	\$ -	\$ 513,088.48	\$ (513,088.48)
TOTAL	0		\$ -			

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 STREET LIGHTING CLASS AS THOSE CALCULATED FOR THE RESIDENTIAL CLASS.

	DISTRIBUTION REVENUE	VARIABLE REVENUE	SERVICE CHARGE REVENUE	CALCULATE DISTRIBUTION DEMAND (KW) RATE
RESIDENTIAL CLASS REVENUE	\$ 6,888,051.56	\$ 2,608,340.11	\$ 4,079,711.45	VARIABLE REVENUE \$
REVENUE SHARE		0.390	0.610	A
(A) STREET LIGHTING REVENUE	\$ (513,088.48)			B
(B) REVENUE SHARE		0.390	0.610	C=A/B
(C) (A)/(B)		\$ (200,104.51)	\$ (312,983.97)	#DIV/0!

	DISTRIBUTION REVENUE	VARIABLE REVENUE	SERVICE CHARGE REVENUE	NUMBER OF MONTHLY CONNECTIONS	MONTHLY SERVICE CHARGE \$/MONTH/CONNECTION
STREET LIGHTING MONTHLY SERVICE CHARGE	A	B	C=A-B	D	E=C/D/12
MONTHLY SERVICE CHARGE	\$ (513,088.48)	\$ (200,104.51)	\$ (312,983.97)	10128	(\$2.5750)

STREET LIGHTING COST OF POWER RATES

	WINTER PEAK (KW)	SUMMER PEAK (KW)	WINTER PEAK (KWH)	WINTER OFF PEAK (KWH)	SUMMER PEAK (KWH)	SUMMER OFF PEAK (KWH)
(A) COP \$	1	2	3	4	5	6
	\$ 154,946.35	\$ 19,655.63	\$ 98,961.41	\$ 128,755.10	\$ 36,627.47	\$ 74,142.52
(B) WINTER/SUMMER COP	1+3+4	2+5+6				
	\$ 382,662.86	\$ 130,425.62				
(C) RETAIL KW	0	0				
(D) KW RATE (B)/(C)	#DIV/0!	#DIV/0!				

LARGE USE

CALCULATE REVENUE REQUIREMENTS

	SALES IN BLOCK	RATE	REVENUE	TOTAL ANNUAL REVENUE	COST OF POWER	DISTRIBUTION REVENUE
WINTER PEAK	KW	\$/KW		A	B	C=A-B
WINTER PEAK	176,906	17.57	\$ 3,108,238.42			
SUMMER PEAK	192,356	12.98	\$ 2,496,780.88			
SUBTOTAL	369,262		\$ 5,605,019.30	\$ 13,435,087.67	\$ 12,971,725.64	\$ 463,362.03
WINTER PEAK	KWH	\$/KWH				
WINTER PEAK	54,335,831	0.0463	\$ 2,515,748.98			
WINTER OFF PEAK	51,207,226	0.0342	\$ 1,751,287.13			
SUMMER PEAK	56,406,060	0.0402	\$ 2,267,523.61			
SUMMER OFF-PEAK	55,128,028	0.0235	\$ 1,295,508.66			
SUBTOTAL	217,077,145		\$ 7,830,068.37			
TOTAL			\$ 13,435,087.67			

177793	191141	54590378	51439743	58112888	54789640	
\$ 2,078,133.48	\$ 1,672,369.07	\$3,357,799.58	\$1,740,463.70	\$2,850,703.05	\$1,272,763.34	\$12,972,232.20
						463252
						\$13,435,484.20

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SHEET 5 - SUMMARY OF RATES AND CHARGES

<b>NAME OF UTILITY</b>	Guelph Hydro Electric Systems Inc.
<b>LICENCE NUMBER</b>	EB-1999-0157
<b>DATE</b>	36843
<b>VERSION NUMBER</b>	2
<b>NAME OF CONTACT</b>	Jim Fallis
<b>PHONE NUMBER</b>	519-822-1750 ext. 237

**RATE SUMMARY (BEFORE MARR AND SENSITIVITY ANALYSIS)**

**RESIDENTIAL**

DISTRIBUTION KWH RATE	\$0.0090
MONTHLY SERVICE CHARGE (PER CUSTOMER)	\$10.09
COST OF POWER KWH RATE	\$0.0667

**RESIDENTIAL (TIME OF USE)**

DISTRIBUTION KWH RATE	\$0.0090			
MONTHLY SERVICE CHARGE (PER CUSTOMER)	\$10.09			
COST OF POWER TIME OF USE RATES	WINTER PEAK	WINTER OFF- PEAK	SUMMER PEAK	SUMMER OFF- PEAK
	\$/KWH	\$/KWH	\$/KWH	\$/KWH
	\$0.1144	\$0.0343	\$0.0885	\$0.0235

**GENERAL SERVICE < 50 KW**

DISTRIBUTION KWH RATE	\$0.0124
MONTHLY SERVICE CHARGE (PER CUSTOMER)	\$8.25
COST OF POWER KWH RATE	\$0.0656

**GENERAL SERVICE < 50 KW (TIME OF USE)**

DISTRIBUTION KWH RATE	\$0.0124			
MONTHLY SERVICE CHARGE (PER CUSTOMER)	\$8.25			
COST OF POWER TIME OF USE RATES	WINTER PEAK	WINTER OFF- PEAK	SUMMER PEAK	SUMMER OFF- PEAK
	\$/KWH	\$/KWH	\$/KWH	\$/KWH
	\$0.1044	\$0.0343	\$0.0860	\$0.0235

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

DISTRIBUTION KW RATE	\$1.5590
MONTHLY SERVICE CHARGE	\$173.49
COST OF POWER KW RATE	\$8.0397
COST OF POWER KWH RATE	\$0.0442



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

DISTRIBUTION KW RATE \$1.2978

MONTHLY SERVICE CHARGE (PER CUSTOMER) \$443.68

COST OF POWER TIME OF USE RATES	WINTER PEAK	SUMMER PEAK	WINTER PEAK	WINTER OFF-PEAK	SUMMER PEAK	SUMMER OFF-PEAK
	\$/KW	\$/KW	\$/KWH	\$/KWH	\$/KWH	\$/KWH
	\$9.7578	\$7.1472	\$0.0626	\$0.0344	\$0.0517	\$0.0236

### GENERAL SERVICE INTERMEDIATE USE

DISTRIBUTION KW RATE N/A

MONTHLY SERVICE CHARGE (PER CUSTOMER) N/A

COST OF POWER TIME OF USE RATES	WINTER PEAK	SUMMER PEAK	WINTER PEAK	WINTER OFF-PEAK	SUMMER PEAK	SUMMER OFF-PEAK
	\$/KW	\$/KW	\$/KWH	\$/KWH	\$/KWH	\$/KWH
	N/A	N/A	N/A	N/A	N/A	N/A

### LARGE USE

DISTRIBUTION KW RATE \$1.1921

MONTHLY SERVICE CHARGE (PER CUSTOMER) \$643.56

COST OF POWER TIME OF USE RATES	WINTER PEAK	SUMMER PEAK	WINTER PEAK	WINTER OFF-PEAK	SUMMER PEAK	SUMMER OFF-PEAK
	\$/KW	\$/KW	\$/KWH	\$/KWH	\$/KWH	\$/KWH
	\$11.6885	\$8.7494	\$0.0615	\$0.0338	\$0.0508	\$0.0232

### SENTINEL LIGHTS (NON TIME OF USE)

DISTRIBUTION KW RATE \$3.1516

MONTHLY SERVICE CHARGE (PER CONNECTION) \$4.76

COST OF POWER KW RATE \$20.0891

OR

### SENTINEL LIGHTS (TIME OF USE)

DISTRIBUTION KW RATE N/A

MONTHLY SERVICE CHARGE (PER CONNECTION) N/A

COST OF POWER TIME OF USE RATES	WINTER PEAK	SUMMER PEAK
	\$/KW	\$/KW
	N/A	N/A

DISTRIBUTION DATE  
MARCH 28, 2000

### STREET LIGHTING (NON TIME OF USE)

DISTRIBUTION KW RATE	\$0.5051
MONTHLY SERVICE CHARGE (PER CONNECTION)	\$0.14
COST OF POWER KW RATE	\$24.2549

OR

### STREET LIGHTING (TIME OF USE)

DISTRIBUTION KW RATE	N/A		
MONTHLY SERVICE CHARGE (PER CONNECTION)	N/A		
COST OF POWER TIME OF USE RATES	WINTER PEAK	SUMMER PEAK	
	\$/KW	\$/KW	
	N/A	N/A	

### MISCELLANEOUS CHARGES

PLEASE ADD ANY MISCELLANEOUS CHARGES BELOW.

	1999	2000
Poles	\$2.50	\$2.50
Non-Payment of Account		
Late Payment	5.00%	5.00%
Returned Cheque Charge	\$8.55	8.55
Collection of Account Charge	\$9.00	\$9.00
Reconnection - at pole during regular working hours	\$50.00	\$50.00
Reconnection - at pole after regular working hours	\$95.00	\$95.00
Reconnection - at meter during regular working hours	\$20.00	\$20.00
Reconnection - at meter after regular working hours	\$50.00	\$50.00
Disconnect and Reconnect Service		
Individual calls after regular working hours	\$95.00	\$95.00
Service Calls		
During regular working hours	\$17.50	\$17.50
After regular working hours	\$95.00	\$95.00
Customer Administration		
Account Setup Charge	\$8.75	\$8.75
Dispute Involvement Charge	\$10.00	\$10.00
Special Meter Reading (per the RSC)	N/A	To be determined
Charge for SSS (per the SSSC)	N/A	To be determined
Metering for Time-of-Use customers	N/A	\$5.50
Minimum Bills		
Residential	\$7.65	\$7.65
General Service	\$7.65	\$7.65
Billing Services - Water & Sewage - \$/meter	\$1.93	\$1.93

DISTRIBUTION DATE  
MARCH 28, 2000

SHEET 6 - RATE IMPACT ANALYSIS

NAME OF UTILITY  
LICENCE NUMBER  
DATE  
VERSION NUMBER  
NAME OF CONTACT  
PHONE NUMBER

Guelph Hydro Electric Systems Inc.  
EB-1999-0157  
38843  
2  
Jim Fallis  
519-822-1750 ext. 237

RATE IMPACT ANALYSIS BEFORE MARR

RATE IMPACT ANALYSIS IS FOR NON TIME OF USE ONLY. YOU WILL HAVE TO ADD TIME OF USE YOURSELF.

RESIDENTIAL CLASS

NON-TIME OF USE

	CURRENT BILL			UNBUNDLED BILL			IMPACT DOLLARS	IMPACT
	KWH	RATE \$/KWH	CHARGE \$	KWH	RATE \$/KWH	CHARGE \$		
ENTER DESIRED CONSUMPTION LEVEL	SERVICE CHARGE		\$ -	COST OF POWER MONTHLY DISTRIBUTION CHARGE	300	0.0667 \$ 20.00		
	FIRST 250 KWH	250	0.1230 \$ 30.75	DISTRIBUTION CHARGE		\$ 10.09		
	BALANCE	50	0.0727 \$ 3.64	KWH	300	0.0090 \$ 2.71		
	TOTAL		\$ 34.39	TOTAL		\$ 32.80	\$ (1.58)	-4.6%
MONTHLY CONSUMPTION OF 250 KWH	CURRENT BILL			UNBUNDLED BILL				
	KWH	RATE \$/KWH	CHARGE \$	KWH	RATE \$/KWH	CHARGE \$	IMPACT DOLLARS	IMPACT
	SERVICE CHARGE		\$ -	COST OF POWER MONTHLY DISTRIBUTION CHARGE	250	0.0667 \$ 16.67		
	FIRST 250 KWH	250	0.1230 \$ 30.75	DISTRIBUTION CHARGE		\$ 10.09		
	BALANCE	0	0.0727 \$ -	KWH	250	0.0090 \$ 2.26		
	TOTAL		\$ 30.75	TOTAL		\$ 28.02	\$ (1.73)	-5.6%
MONTHLY CONSUMPTION OF 500 KWH	KWH	RATE \$/KWH	CHARGE \$	KWH	RATE \$/KWH	CHARGE \$	IMPACT DOLLARS	IMPACT
	SERVICE CHARGE		\$ -	COST OF POWER MONTHLY DISTRIBUTION CHARGE	500	0.0667 \$ 33.34		
	FIRST 250 KWH	250	0.1230 \$ 30.75	DISTRIBUTION CHARGE		\$ 10.09		
	BALANCE	250	0.0727 \$ 18.18	KWH	500	0.0090 \$ 4.51		
	TOTAL		\$ 48.93	TOTAL		\$ 47.94	\$ (0.98)	-2.0%
MONTHLY CONSUMPTION OF 750 KWH	KWH	RATE \$/KWH	CHARGE \$	KWH	RATE \$/KWH	CHARGE \$		IMPACT
	SERVICE CHARGE		\$ -	COST OF POWER MONTHLY DISTRIBUTION CHARGE	750	0.0667 \$ 50.01		
	FIRST 250 KWH	250	0.1230 \$ 30.75	DISTRIBUTION CHARGE		\$ 10.09		
	BALANCE	500	0.0727 \$ 36.35	KWH	750	0.0090 \$ 6.77		
	TOTAL		\$ 67.10	TOTAL		\$ 66.87	\$ (0.23)	-0.3%
MONTHLY CONSUMPTION OF 1000 KWH	KWH	RATE \$/KWH	CHARGE \$	KWH	RATE \$/KWH	CHARGE \$	IMPACT DOLLARS	IMPACT
	SERVICE CHARGE		\$ -	COST OF POWER MONTHLY DISTRIBUTION CHARGE	1000	0.0667 \$ 66.68		
	FIRST 250 KWH	250	0.1230 \$ 30.75	DISTRIBUTION CHARGE		\$ 10.09		
	BALANCE	750	0.0727 \$ 54.53	KWH	1000	0.0090 \$ 9.03		
	TOTAL		\$ 85.28	TOTAL		\$ 85.80	\$ 0.52	0.6%
MONTHLY CONSUMPTION OF 1500 KWH	KWH	RATE \$/KWH	CHARGE \$	KWH	RATE \$/KWH	CHARGE \$		IMPACT
	SERVICE CHARGE		\$ -	COST OF POWER MONTHLY DISTRIBUTION CHARGE	1500	0.0667 \$ 100.02		
	FIRST 250 KWH	250	0.1230 \$ 30.75	DISTRIBUTION CHARGE		\$ 10.09		
	BALANCE	1250	0.0727 \$ 90.88	KWH	1500	0.0090 \$ 13.54		
	TOTAL		\$ 121.63	TOTAL		\$ 123.65	\$ 2.02	1.7%
MONTHLY CONSUMPTION OF 2000 KWH	KWH	RATE \$/KWH	CHARGE \$	KWH	RATE \$/KWH	CHARGE \$	IMPACT DOLLARS	IMPACT
	SERVICE CHARGE		\$ -	COST OF POWER MONTHLY DISTRIBUTION CHARGE	2000	0.0667 \$ 133.36		
	FIRST 250 KWH	250	0.1230 \$ 30.75	DISTRIBUTION CHARGE		\$ 10.09		
	BALANCE	1750	0.0727 \$ 127.23	KWH	2000	0.0090 \$ 18.05		
	TOTAL		\$ 157.98	TOTAL		\$ 161.50	\$ 3.53	2.2%
ANNUAL CONSUMPTION OF 20000 KWH	KWH	RATE \$/KWH	CHARGE \$	KWH	RATE \$/KWH	CHARGE \$	IMPACT DOLLARS	IMPACT
	SERVICE CHARGE		\$ -	COST OF POWER ANNUAL DISTRIBUTION CHARGE	20000	0.0667 \$ 1,333.57		
	FIRST 250 KWH	3000	0.1230 \$ 369.00	DISTRIBUTION CHARGE		\$ 121.09		
	BALANCE	17000	0.0727 \$ 1,235.90	KWH	20000	0.0090 \$ 180.54		
	TOTAL		\$ 1,604.90	TOTAL		\$ 1,635.21	\$ 30.31	1.9%

DISTRIBUTION DATE  
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	KWH	RATE \$/KWH	CHARGE \$		KWH	RATE \$/KWH	CHARGE \$	IMPACT DOLLARS	IMPACT
ANNUAL CONSUMPTION OF 30000 KWH									
SERVICE CHARGE			\$ -	COST OF POWER	30000	0.0687	\$ 2,000.36		
FIRST 250 KWH	3000	0.1230	\$ 369.00	ANNUAL DISTRIBUTION CHARGE			\$ 121.09		
BALANCE	27000	0.0727	\$ 1,962.90	DISTRIBUTION KWH	30000	0.0090	\$ 270.81		
TOTAL			\$ 2,331.90	TOTAL			\$ 2,362.27	\$ 60.37	2.6%

# GENERAL SERVICE < 50 KW

ENTER DESIRED CONSUMPTION LEVEL	KW	RATE \$/KW	CHARGE \$			RATE \$/KW	CHARGE \$	IMPACT DOLLARS	IMPACT
CURRENT BILL				UNBUNDLED BILL					
SERVICE CHARGE			\$ -						
1ST BLOCK 50 KW		0.0000	\$ -	DISTRIBUTION KW			\$ -		
2ND BLOCK BALANCE		0.0000	\$ -						
		\$/KWH							
1ST BLOCK 250 KWH	250	0.1230	\$ 30.75	COST OF POWER KWH	1749	0.0656	\$ 114.76		
NEXT BLOCK 12250	1499	0.0774	\$ 116.02						
NEXT BLOCK			\$ -	MONTHLY DISTRIBUTION CHARGE			\$ 8.25		
BALANCE		0.0354	\$ -	DISTRIBUTION KWH	1749	0.0124	\$ 21.89		
TOTAL	1749		\$ 146.77	TOTAL			\$ 144.69	\$ (2.08)	-1.4%

# MONTHLY CONSUMPTION 10 KW, 2000 KWH

	KW	RATE \$/KW	CHARGE \$			RATE \$/KW	CHARGE \$	IMPACT DOLLARS	IMPACT
CURRENT BILL				UNBUNDLED BILL					
SERVICE CHARGE			\$ -						
1ST BLOCK 50 KW	10	0.0000	\$ -	DISTRIBUTION KW			\$ -		
2ND BLOCK BALANCE	0	0.0000	\$ -						
		\$/KWH							
1ST BLOCK 250 KWH	250	0.1230	\$ 30.75	COST OF POWER KWH	2000	0.0656	\$ 131.22		
NEXT BLOCK 12250	1750	0.0774	\$ 135.45						
NEXT BLOCK			\$ -	MONTHLY DISTRIBUTION CHARGE			\$ 8.25		
BALANCE		0.0354	\$ -	DISTRIBUTION KWH	2000	0.0124	\$ 24.80		
TOTAL			\$ 166.20	TOTAL			\$ 164.27	\$ (1.93)	-1.2%

# MONTHLY CONSUMPTION 60 KW, 5000 KWH

	KW	RATE \$/KW	CHARGE \$			RATE \$/KW	CHARGE \$	IMPACT DOLLARS	IMPACT
CURRENT BILL				UNBUNDLED BILL					
SERVICE CHARGE			\$ -						
1ST BLOCK 50 KW	50	0.0000	\$ -	DISTRIBUTION KW			\$ -		
2ND BLOCK BALANCE	0	0.0000	\$ -						
		\$/KWH							
1ST BLOCK 250 KWH	250	0.1230	\$ 30.75	COST OF POWER KWH	5000	0.0656	\$ 328.06		
NEXT BLOCK 12250	4750	0.0774	\$ 367.65						
NEXT BLOCK			\$ -	MONTHLY DISTRIBUTION CHARGE			\$ 8.25		
BALANCE		0.0354	\$ -	DISTRIBUTION KWH	5000	0.0124	\$ 61.99		
TOTAL			\$ 398.40	TOTAL			\$ 398.30	\$ (0.10)	0.0%

# GENERAL SERVICE > 50 KW

ENTER DESIRED CONSUMPTION LEVEL	KW	RATE \$/KW	CHARGE \$			RATE \$/KW	CHARGE \$	IMPACT DOLLARS	IMPACT
CURRENT BILL				UNBUNDLED BILL					
SERVICE CHARGE			\$ -						
1ST BLOCK 50 KW	50	0.0000	\$ -	COST OF POWER KW	50	8.0397	\$ 401.98		
2ND BLOCK BALANCE		5.2500	\$ -	DISTRIBUTION KW	50	1.5590	\$ 77.95		
		\$/KWH							
1ST BLOCK 250 KWH	250	0.1230	\$ 30.75	COST OF POWER KWH	20000	0.0442	\$ 884.67	\$ 853.92	2777.0%
NEXT BLOCK 12250	12250	0.0774	\$ 948.15						
NEXT BLOCK			\$ -	MONTHLY DISTRIBUTION CHARGE			\$ 173.49		
BALANCE	7500	0.0584	\$ 423.00						
		0.0354	\$ -						
TOTAL	20000		\$ 1,401.90	TOTAL			\$ 1,538.10	\$ 136.20	9.7%

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MONTHLY CONSUMPTION 100KW,20000KWH

CURRENT BILL				UNBUNDLED BILL				IMPACT	IMPACT
	KW	RATE \$/KW	CHARGE \$		RATE \$/KW	CHARGE \$		DOLLARS	
SERVICE CHARGE			\$ -						
1ST BLOCK									
50 KW	50	0.0000	\$ -	COST OF POWER KW DISTRIBUTION	100	8.0397	\$ 803.97		
2ND BLOCK	50	5.2500	\$ 262.50	KW	100	1.5590	\$ 155.90		
BALANCE		0.0000	\$ -						
		\$/KWH				\$/KWH			
1ST BLOCK				COST OF POWER KWH	20000	0.0442	\$ 884.67		
250 KWH	250	0.1230	\$ 30.75						
NEXT BLOCK									
12250	12250	0.0774	\$ 948.15	MONTHLY DISTRIBUTION CHARGE			\$ 173.48		
NEXT BLOCK									
BALANCE	7500	0.0564	\$ 423.00						
		0.0354	\$ -						
TOTAL			\$ 1,884.40	TOTAL		\$ 2,018.03		\$ 353.83	21.2%

MONTHLY CONSUMPTION 100KW,30000KWH

CURRENT BILL				UNBUNDLED BILL				IMPACT	IMPACT
	KW	RATE \$/KW	CHARGE \$		RATE \$/KW	CHARGE \$		DOLLARS	
SERVICE CHARGE			\$ -						
1ST BLOCK									
50 KW	50	0.0000	\$ -	COST OF POWER KW DISTRIBUTION	100	8.0397	\$ 803.97		
2ND BLOCK	50	5.2500	\$ 262.50	KW	100	1.5590	\$ 155.90		
BALANCE		0.0000	\$ -						
		\$/KWH				\$/KWH			
1ST BLOCK				COST OF POWER KWH	30000	0.0442	\$ 1,327.01		
250 KWH	250	0.1230	\$ 30.75						
NEXT BLOCK									
12250	12250	0.0774	\$ 948.15	MONTHLY DISTRIBUTION CHARGE			\$ 173.48		
NEXT BLOCK									
BALANCE	17500	0.0564	\$ 987.00						
		0.0354	\$ -						
TOTAL			\$ 2,228.40	TOTAL		\$ 2,480.37		\$ 231.97	10.4%

MONTHLY CONSUMPTION 100KW,40000KWH

CURRENT BILL				UNBUNDLED BILL				IMPACT	IMPACT
	KW	RATE \$/KW	CHARGE \$		RATE \$/KW	CHARGE \$		DOLLARS	
SERVICE CHARGE			\$ -						
1ST BLOCK									
50 KW	50	0.0000	\$ -	COST OF POWER KW DISTRIBUTION	100	8.0397	\$ 803.97		
2ND BLOCK	50	5.2500	\$ 262.50	KW	100	1.5590	\$ 155.90		
BALANCE		0.0000	\$ -						
		\$/KWH				\$/KWH			
1ST BLOCK				COST OF POWER KWH	40000	0.0442	\$ 1,769.35		
250 KWH	250	0.1230	\$ 30.75						
NEXT BLOCK									
12250	12250	0.0774	\$ 948.15	MONTHLY DISTRIBUTION CHARGE			\$ 173.48		
NEXT BLOCK									
BALANCE	27500	0.0564	\$ 1,551.00						
		0.0354	\$ -						
TOTAL	40000		\$ 2,792.40	TOTAL		\$ 2,902.71		\$ 110.31	4.0%

MONTHLY CONSUMPTION 500KW,150000KWH

CURRENT BILL				UNBUNDLED BILL				IMPACT	IMPACT
	KW	RATE \$/KW	CHARGE \$		RATE \$/KW	CHARGE \$		DOLLARS	
SERVICE CHARGE			\$ -						
1ST BLOCK									
50 KW	50	0.0000	\$ -	COST OF POWER KW DISTRIBUTION	500	8.0397	\$ 4,019.84		
2ND BLOCK	450	5.2500	\$ 2,362.50	KW	500	1.5590	\$ 779.52		
BALANCE		0.0000	\$ -						
		\$/KWH				\$/KWH			
1ST BLOCK				COST OF POWER KWH	150000	0.0442	\$ 6,635.06		
250 KWH	250	0.1230	\$ 30.75						
NEXT BLOCK									
12250	12250	0.0774	\$ 948.15	MONTHLY DISTRIBUTION CHARGE			\$ 173.48		
NEXT BLOCK									
BALANCE	137500	0.0564	\$ 7,755.00						
		0.0354	\$ -						
TOTAL	150000		\$ 11,098.40	TOTAL		\$ 11,607.91		\$ 511.51	4.6%

MONTHLY CONSUMPTION 500KW,200000KWH

CURRENT BILL				UNBUNDLED BILL				IMPACT	IMPACT
	KW	RATE \$/KW	CHARGE \$		RATE \$/KW	CHARGE \$		DOLLARS	
SERVICE CHARGE			\$ -						
1ST BLOCK									
50 KW	50	0.0000	\$ -	COST OF POWER KW DISTRIBUTION	500	8.0397	\$ 4,019.84		
2ND BLOCK	450	5.2500	\$ 2,362.50	KW	500	1.5590	\$ 779.52		
BALANCE		0.0000	\$ -						
		\$/KWH				\$/KWH			
1ST BLOCK				COST OF POWER KWH	200000	0.0442	\$ 8,848.75		
250 KWH	250	0.1230	\$ 30.75						
NEXT BLOCK									
12250	12250	0.0774	\$ 948.15	MONTHLY DISTRIBUTION CHARGE			\$ 173.48		
NEXT BLOCK									
BALANCE	187500	0.0564	\$ 10,575.00						
		0.0354	\$ -						
TOTAL			\$ 13,918.40	TOTAL		\$ 13,819.60		\$ (98.80)	-0.7%

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MONTHLY CONSUMPTION 500KW,250000KWH	CURRENT BILL			UNBUNDLED BILL				
	KW	RATE \$/KW	CHARGE \$		RATE \$/KW	CHARGE \$	IMPACT DOLLARS	IMPACT
SERVICE CHARGE			\$ -					
1ST BLOCK 50 KW	50	0.0000	\$ -	COST OF POWER KW DISTRIBUTION KW	500	8.0397 \$ 4,019.84		
2ND BLOCK BALANCE	450	5.2500 \$ 2,382.50	0.0000 \$ -		500	1.5590 \$ 779.52		
		\$/KWH				\$/KWH		
1ST BLOCK 250 KWH NEXT BLOCK 12250	250	0.1230 \$ 30.75		COST OF POWER KWH	250000	0.0442 \$ 11,058.44		
	12250	0.0774 \$ 948.15						
NEXT BLOCK BALANCE	237500	0.0564 \$ 13,385.00	0.0354 \$ -	MONTHLY DISTRIBUTION CHARGE		\$ 173.49		
TOTAL			\$ 16,738.40	TOTAL		\$ 16,031.28	\$ (705.12)	-4.2%
MONTHLY CONSUMPTION 1000KW,100,000KWH	CURRENT BILL			UNBUNDLED BILL				
	KW	RATE \$/KW	CHARGE \$		RATE \$/KW	CHARGE \$	IMPACT DOLLARS	IMPACT
SERVICE CHARGE			\$ -					
1ST BLOCK 50 KW	50	0.0000	\$ -	COST OF POWER KW DISTRIBUTION KW	1000	8.0397 \$ 8,039.68		
2ND BLOCK BALANCE	950	5.2500 \$ 4,987.50	0.0000 \$ -		1000	1.5590 \$ 1,559.04		
		\$/KWH				\$/KWH		
1ST BLOCK 250 KWH NEXT BLOCK 12250	250	0.1230 \$ 30.75		COST OF POWER KWH	100000	0.0442 \$ 4,423.37		
	12250	0.0774 \$ 948.15						
NEXT BLOCK BALANCE	87500	0.0564 \$ 4,935.00	0.0354 \$ -	MONTHLY DISTRIBUTION CHARGE		\$ 173.49		
TOTAL	100000		\$ 10,901.40	TOTAL		\$ 14,195.58	\$ 3,294.18	30.2%
MONTHLY CONSUMPTION 1000KW,300000KWH	CURRENT BILL			UNBUNDLED BILL				
	KW	RATE \$/KW	CHARGE \$		RATE \$/KW	CHARGE \$	IMPACT DOLLARS	IMPACT
SERVICE CHARGE			\$ -					
1ST BLOCK 50 KW	50	0.0000	\$ -	COST OF POWER KW DISTRIBUTION KW	1000	8.0397 \$ 8,039.68		
2ND BLOCK BALANCE	950	5.2500 \$ 4,987.50	0.0000 \$ -		1000	1.5590 \$ 1,559.04		
		\$/KWH				\$/KWH		
1ST BLOCK 250 KWH NEXT BLOCK 12250	250	0.1230 \$ 30.75		COST OF POWER KWH	200000	0.0442 \$ 8,848.75		
	12250	0.0774 \$ 948.15						
NEXT BLOCK BALANCE	287500	0.0564 \$ 16,215.00	0.0354 \$ -	MONTHLY DISTRIBUTION CHARGE		\$ 173.49		
TOTAL			\$ 22,181.40	TOTAL		\$ 18,618.95	\$(3,562.45)	-16.1%
MONTHLY CONSUMPTION 1000KW,500000KWH	CURRENT BILL			UNBUNDLED BILL				
	KW	RATE \$/KW	CHARGE \$		RATE \$/KW	CHARGE \$	IMPACT DOLLARS	IMPACT
SERVICE CHARGE			\$ -					
1ST BLOCK 50 KW	50	0.0000	\$ -	COST OF POWER KW DISTRIBUTION KW	1000	8.0397 \$ 8,039.68		
2ND BLOCK BALANCE	950	5.2500 \$ 4,987.50	0.0000 \$ -		1000	1.5590 \$ 1,559.04		
		\$/KWH				\$/KWH		
1ST BLOCK 250 KWH NEXT BLOCK 12250	250	0.1230 \$ 30.75		COST OF POWER KWH	500000	0.0442 \$ 22,116.87		
	12250	0.0774 \$ 948.15						
NEXT BLOCK BALANCE	487500	0.0564 \$ 27,495.00	0.0354 \$ -	MONTHLY DISTRIBUTION CHARGE		\$ 173.49		
TOTAL			\$ 33,461.40	TOTAL		\$ 31,889.08	\$(1,572.32)	-4.7%

DISTRIBUTION DATE  
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## GENERAL SERVICE - INTERMEDIATE USE

ENTER DESIRED CONSUMPTION LEVEL	CURRENT BILL			UNBUNDLED BILL				
	KW	RATE \$/KW	CHARGE \$		RATE \$/KW	CHARGE \$	IMPACT DOLLARS	IMPACT
	WINTER							
	PEAK	0.0000	\$ -					
	SUMMER							
	PEAK	0.0000	\$ -					
				COST OF				
				POWER KW:				
				WINTER PEAK	#DIV/0!	#DIV/0!		
				SUMMER				
				PEAK	#DIV/0!	#DIV/0!		
				DISTRIBUTION				
				KW	#DIV/0!	#DIV/0!		
		\$/KWH						
	WINTER							
	PEAK	0.0000	\$ -		\$/KWH			
	WINTER							
	OFF PEAK	0.0000	\$ -	COST OF				
	SUMMER			POWER KWH:				
	PEAK	0.0000	\$ -					
	SUMMER			WINTER PEAK	#DIV/0!	#DIV/0!		
	OFF PEAK	0.0000	\$ -	WINTER OFF				
				PEAK	#DIV/0!	#DIV/0!		
				SUMMER				
				PEAK	#DIV/0!	#DIV/0!		
				SUMMER OFF				
				PEAK	#DIV/0!	#DIV/0!		
				MONTHLY				
				DISTRIBUTION				
				CHARGE		\$ -		
TOTAL			\$ -	TOTAL		#DIV/0!	#DIV/0!	#DIV/0!

[illegible][illegible]

[illegible]

ENTER DESIRED CONSUMPTION LEVEL	CURRENT BILL KW	RATE \$/KW	CHARGE \$	UNBUNDLED BILL	RATE \$/KW	CHARGE \$	IMPACT DOLLARS	IMPACT
WINTER PEAK		15.4700	\$ -					
SUMMER PEAK		11.2800	\$ -					
				COST OF POWER KW:				
				WINTER PEAK	11.8885	\$ -		
				SUMMER PEAK	8.7494	\$ -		
				DISTRIBUTION KW	1.1921	\$ -		
		\$/KWH						
WINTER PEAK		0.0463	\$ -					
WINTER OFF PEAK		0.0342	\$ -					
SUMMER PEAK		0.0402	\$ -					
SUMMER OFF PEAK		0.0235	\$ -					
				COST OF POWER KWH:				
				WINTER PEAK	0.0615	\$ -		
				WINTER OFF PEAK	0.0338	\$ -		
				SUMMER PEAK	0.0508	\$ -		
				SUMMER OFF PEAK	0.0232	\$ -		
				MONTHLY DISTRIBUTION CHARGE		\$ 643.56		
TOTAL			\$ -	TOTAL		\$ 643.56	\$ 643.56	#DIV/0!

[illegible]



DISTRIBUTION DATE  
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**MONTHLY CONSUMPTION 5000KW**  
**1 MILL.KWH**  
Winter Bill

CURRENT BILL			
	KW	RATE \$/KW	CHARGE \$
WINTER PEAK	5000	15.4700	\$ 77,350.00
SUMMER PEAK		11.2800	\$ -
		\$/KWH	
WINTER PEAK	502700	0.0463	\$ 23,275.01
WINTER OFF PEAK	497300	0.0342	\$ 17,007.66
SUMMER PEAK		0.0402	\$ -
SUMMER OFF PEAK		0.0235	\$ -
TOTAL	1000000		\$117,632.67

UNBUNDLED BILL				IMPACT DOLLARS	IMPACT
	RATE \$/KW	CHARGE \$			
COST OF POWER KW:					
WINTER PEAK	5000	11.6885	\$ 58,442.50		
SUMMER PEAK		8.7494	\$ -		
DISTRIBUTION KW	5000	1.1921	\$ 5,960.46		
		\$/KWH			
COST OF POWER KWH:					
WINTER PEAK	502700	0.0615	\$ 30,820.57		
WINTER OFF PEAK	497300	0.0338	\$ 16,826.16		
SUMMER PEAK		0.0508	\$ -		
SUMMER OFF PEAK		0.0232	\$ -		
MONTHLY DISTRIBUTION CHARGE			\$ 643.56		
TOTAL			\$112,793.23	\$ (4,839.44)	-4.1%

**MONTHLY CONSUMPTION 5000KW**  
**1 MILL.KWH**  
Summer Bill

CURRENT BILL			
	KW	RATE \$/KW	CHARGE \$
WINTER PEAK		15.4700	\$ -
SUMMER PEAK	5000	11.2800	\$ 56,400.00
		\$/KWH	
WINTER PEAK		0.0463	\$ -
WINTER OFF PEAK		0.0342	\$ -
SUMMER PEAK	506900	0.0402	\$ 20,377.38
SUMMER OFF PEAK	493100	0.0235	\$ 11,587.85
TOTAL	1000000		\$ 88,365.23

UNBUNDLED BILL				IMPACT DOLLARS	IMPACT
	RATE \$/KW	CHARGE \$			
COST OF POWER KW:					
WINTER PEAK		11.6885	\$ -		
SUMMER PEAK	5000	8.7494	\$ 43,747.00		
DISTRIBUTION KW	5000	1.1921	\$ 5,960.46		
		\$/KWH			
COST OF POWER KWH:					
WINTER PEAK		0.0615	\$ -		
WINTER OFF PEAK		0.0338	\$ -		
SUMMER PEAK	506900	0.0508	\$ 25,752.04		
SUMMER OFF PEAK	493100	0.0232	\$ 11,454.71		
MONTHLY DISTRIBUTION CHARGE			\$ 643.56		
TOTAL			\$ 87,557.77	\$ (807.46)	-0.9%

**MONTHLY CONSUMPTION 5000KW**  
**1.6 MILL.KWH**  
Winter Bill

CURRENT BILL			
	KW	RATE \$/KW	CHARGE \$
WINTER PEAK	5000	15.4700	\$ 77,350.00
SUMMER PEAK	0	11.2800	\$ -
		\$/KWH	
WINTER PEAK	754050	0.0463	\$ 34,912.62
WINTER OFF PEAK	745950	0.0342	\$ 25,511.49
SUMMER PEAK		0.0402	\$ -
SUMMER OFF PEAK		0.0235	\$ -
TOTAL	1500000		\$137,774.01

UNBUNDLED BILL				IMPACT DOLLARS	IMPACT
	RATE \$/KW	CHARGE \$			
COST OF POWER KW:					
WINTER PEAK	5000	11.6885	\$ 58,442.50		
SUMMER PEAK		8.7494	\$ -		
DISTRIBUTION KW	5000	1.1921	\$ 5,960.46		
		\$/KWH			
COST OF POWER KWH:					
WINTER PEAK	754050	0.0615	\$ 46,380.86		
WINTER OFF PEAK	745950	0.0338	\$ 25,239.22		
SUMMER PEAK		0.0508	\$ -		
SUMMER OFF PEAK		0.0232	\$ -		
MONTHLY DISTRIBUTION CHARGE			\$ 643.56		
TOTAL			\$136,666.59	\$ (1,107.41)	-0.8%

MONTHLY CONSUMPTION 5000KW  
1.5 MILL.KWH  
Summer Bill

CURRENT BILL				UNBUNDLED BILL				IMPACT	
	KW	RATE \$/KW	CHARGE \$		RATE \$/KW	CHARGE \$	IMPACT DOLLARS	IMPACT	
WINTER									
PEAK	5000	15.4700	\$ 77,350.00						
SUMMER									
PEAK		11.2800	\$ -	COST OF POWER KW:					
				WINTER PEAK	11.6885	\$ -			
				SUMMER					
				PEAK	5000	8.7494	\$ 43,747.00		
				DISTRIBUTION					
				KW	5000	1.1821	\$ 5,960.46		
		\$/KWH							
WINTER									
PEAK		0.0483	\$ -			\$/KWH			
WINTER				COST OF					
OFF PEAK		0.0342	\$ -	POWER KWH:					
SUMMER									
PEAK	780350	0.0402	\$ 30,666.07	WINTER PEAK	0.0615	\$ -			
SUMMER				WINTER OFF					
OFF PEAK	739650	0.0235	\$ 17,381.78	PEAK	0.0338	\$ -			
				SUMMER					
				PEAK	760350	0.0508	\$ 38,628.06		
				SUMMER OFF					
				PEAK	739850	0.0232	\$ 17,182.07		
				MONTHLY					
				DISTRIBUTION					
				CHARGE		\$ 643.56			
TOTAL	1500000		\$125,297.85	TOTAL	1500000	\$106,181.14	*****	-15.3%	

DISTRIBUTION DATE  
MRCH 28, 2000

SHEET 7 - MARR (NO TAX) CALCULATIONS

NAME OF UTILITY	Guelph Hydro Electric Systems Inc.
LICENCE NUMBER	EB-1999-0157
DATE	36843
VERSION NUMBER	2
NAME OF CONTACT	Jim Fallis
PHONE NUMBER	519-822-1750 ext. 237

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")	\$82,918,060.00	MARR	\$ 7,101,931.84
CER	0.5000		
Target ROE	0.0988		
Effective Tax Rate (this is the rate deemed to be in effect by the OEB)	0.435 (tax comes into effect only when market opens)		
1-CER	0.5000		
Debt Rate	0.0725		

Change in Revenue Required	MARR - (1999 RETURN \$)
MARR	\$ 7,101,931.84
1999 return \$	\$ 3,632,253.28
Change in Revenue Required	= \$3,469,678.56
Deferred Amount (if any)	
Change in Revenue to Be Allocated	\$1,156,559.52

DISTRIBUTION DATE  
MRCH 28, 2000

	DISTRIBUTION REVENUE	SHARE OF TOTAL REVENUE A	CHANGE IN REVENUE TO BE ALLOCATED B	INCREMENTAL RETURN (\$) A*B	REVISED REVENUE
RESIDENTIAL CLASS REVENUE	\$ 6,888,051.56	0.515	\$ 596,119.74	\$ 7,284,171.30	
SENTINEL LIGHTS REVENUE	\$ 4,307.14	0.000	\$ 383.90	\$ 4,691.04	
<50 KW CLASS	\$ 1,483,113.79	0.114	\$ 132,192.97	\$ 1,615,306.76	
GENERAL SERVICE NON TIME OF USE >50 KW	\$ 3,606,785.43	0.278	\$ 321,480.18	\$ 3,928,265.61	
GENERAL SERVICE TIME OF USE >50 KW	\$ 702,782.33	0.054	\$ 62,640.43	\$ 765,422.76	
INTERMEDIATE USE	\$ -	0.000	\$ -	\$ -	
STREET LIGHTING CLASS REVENUE	\$ 27,396.22	0.002	\$ 2,441.88	\$ 29,838.10	
LARGE USER CLASS REVENUE	\$ 463,362.03	0.036	\$ 41,300.41	\$ 504,662.44	
TOTAL REVENUE	\$12,975,798.50		\$ 1,156,559.52	1,156,559.52	\$14,132,358.02

NOTE: THE ALLOCATED CHANGE IN REVENUE IS SPLIT BETWEEN VARIABLE REVENUE AND SERVICE CHARGE REVENUE  
BASED ON THE RELATIVE SHARES OF THE PRE-RATE OF RETURN ADJUSTMENT.

#### RESIDENTIAL

	VARIABLE REVENUE	SERVICE CHARGE	TOTAL DISTRIBUTION REVENUE
(A) CURRENT REVENUE REQUIREMENTS	\$ 2,608,340.11 0.390	\$4,079,711.45 0.610	\$ 6,688,051.56
(B) ALLOCATED INCREMENTAL RETURN (\$)	\$ 232,486.70	\$ 363,633.04	\$ 596,119.74
(C) TARGETED BASE (A) +(B)	\$ 2,840,826.81	\$4,443,344.49	\$ 7,284,171.30
(D) RETAIL KWH	288,946,492		
(E) NUMBER OF CUSTOMERS		33691	
(F) DISTRIBUTION KWH RATE (\$/KWH) (C)/(D)	\$0.0098		
(G) MONTHLY SERVICE CHARGE (C)/(E)/12		\$10.9904	

#### SENTINEL LIGHTS (TIME OF USE)

	VARIABLE REVENUE	SERVICE CHARGE	TOTAL DISTRIBUTION REVENUE
(A) CURRENT REVENUE REQUIREMENTS	\$ 1,679.78 0.390	\$ 2,627.35 0.610	\$ 4,307.14
(B) ALLOCATED INCREMENTAL RETURN (\$)	\$ 149.72	\$ 234.18	\$ 383.90
(C) TARGETED BASE (A) +(B)	\$ 1,829.51	\$ 2,861.54	\$ 4,691.04
(D) RETAIL KW	0		
(E) NUMBER OF CONNECTIONS		46	
(F) DISTRIBUTION KW RATE (\$/KW) (C)/(D)	#DIV/0!		
(G) MONTHLY SERVICE CHARGE (C)/(E)/12 (PER CONNECTION)		\$5.1839	

DISTRIBUTION DATE  
MRCH 28, 2000

**GENERAL SERVICE <50 KW CLASS**

	VARIABLE REVENUE	SERVICE CHARGE	TOTAL DISTRIBUTION REVENUE
(A) CURRENT REVENUE REQUIREMENTS	\$ 1,193,906.60 0.805	\$ 289,207.19 0.195	\$ 1,483,113.79
(B) ALLOCATED INCREMENTAL RETURN (\$)	\$ 106,415.34	\$ 25,777.63	\$ 132,192.97
(C) TARGETED BASE (A) +(B)	\$ 1,300,321.94	\$ 314,984.82	\$ 1,615,306.76
(D) RETAIL KWH	96,292,012		
(E) NUMBER OF CUSTOMERS		2922	
(F) DISTRIBUTION KWH RATE (\$/KWH) (C)/(D)	\$0.0135		
(G) MONTHLY SERVICE CHARGE (C)/(E)/12		\$8.9831	

**GENERAL SERVICE NON-TIME OF USE >50 KW**

	VARIABLE REVENUE	SERVICE CHARGE	TOTAL DISTRIBUTION REVENUE
(A) CURRENT REVENUE REQUIREMENTS	\$ 2,164,071.26 0.600	\$ 1,442,714.17 0.400	\$ 3,606,785.43
(B) ALLOCATED INCREMENTAL RETURN (\$)	\$ 192,888.11	\$ 128,592.07	\$ 321,480.18
(C) TARGETED BASE (A) +(B)	\$ 2,356,959.37	\$ 1,571,306.24	\$ 3,928,265.61
(D) RETAIL KW	1,388,077		
(E) NUMBER OF CUSTOMERS		693	
(F) DISTRIBUTION KW RATE (\$/KW) (C)/(D)	\$1.6980		
(G) MONTHLY SERVICE CHARGE (C)/(E)/12		\$188.9498	

**GENERAL SERVICE TIME OF USE > 50 KW**

	VARIABLE REVENUE	SERVICE CHARGE	TOTAL DISTRIBUTION REVENUE
(A) CURRENT REVENUE REQUIREMENTS	\$ 527,086.75 0.750	\$ 175,695.58 0.250	\$ 702,782.33
(B) ALLOCATED INCREMENTAL RETURN (\$)	\$ 46,980.32	\$ 15,660.11	\$ 62,640.43
(C) TARGETED BASE (A) +(B)	\$ 574,067.07	\$ 191,355.69	\$ 765,422.76
(D) RETAIL KW	406,126		
(E) NUMBER OF CUSTOMERS		33	
(F) DISTRIBUTION KW RATE (\$/KW) (C)/(D)	\$1.4135		
(G) MONTHLY SERVICE CHARGE (C)/(E)/12		\$483.221	

DISTRIBUTION DATE  
MRCH 28, 2000

**INTERMEDIATE USE**

	VARIABLE REVENUE	SERVICE CHARGE	TOTAL DISTRIBUTION REVENUE
(A) CURRENT REVENUE REQUIREMENTS	\$ -	\$ -	\$ -
	#DIV/0!	#DIV/0!	
(B) ALLOCATED INCREMENTAL RETURN (\$)	#DIV/0!	#DIV/0!	#DIV/0!
(C) TARGETED BASE (A) +(B)	#DIV/0!	#DIV/0!	#DIV/0!
(D) RETAIL KW	0		
(E) NUMBER OF CUSTOMERS		1	
(F) DISTRIBUTION KW RATE (\$/KW) (C)/(D)	#DIV/0!		
(G) MONTHLY SERVICE CHARGE (C)/(E)/12		#DIV/0!	

**STREET LIGHTING TIME OF USE**

	VARIABLE REVENUE	SERVICE CHARGE	TOTAL DISTRIBUTION REVENUE
(A) CURRENT REVENUE REQUIREMENTS	\$ 10,684.53	\$ 16,711.69	\$ 27,396.22
	0.390	0.610	
(B) ALLOCATED INCREMENTAL RETURN (\$)	\$ 952.33	\$ 1,489.55	\$ 2,441.88
(C) TARGETED BASE (A) +(B)	\$ 11,636.86	\$ 18,201.24	\$ 29,838.10
(D) RETAIL KW	21,154		
(E) NUMBER OF CONNECTIONS		10129	
(F) DISTRIBUTION KW RATE (\$/KW) (C)/(D)	\$0.5501		
(G) MONTHLY SERVICE CHARGE (C)/(E)/12 (PER CONNECTION)		\$0.1497	

**LARGE USE**

	VARIABLE REVENUE	SERVICE CHARGE	TOTAL DISTRIBUTION REVENUE
(A) CURRENT REVENUE REQUIREMENTS	\$ 440,193.93	\$ 23,168.10	\$ 463,362.03
	0.950	0.050	
(B) ALLOCATED INCREMENTAL RETURN (\$)	\$ 39,235.39	\$ 2,065.02	\$ 41,300.41
(C) TARGETED BASE (A) +(B)	\$ 479,429.32	\$ 25,233.12	\$ 504,662.44
(D) RETAIL KW	369,262		
(E) NUMBER OF CUSTOMERS		3	
(F) DISTRIBUTION KW RATE (\$/KW) (C)/(D)	\$1.2983		
(G) MONTHLY SERVICE CHARGE (C)/(E)/12		\$700.9201	