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 LICENCE NUMBER

Guelph Hydro Electric Systems Inc. EB-1999-0157

DATE

13-Nov-00

VERSION NUMBER
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	LARGE USE	TOTAL RETAIL	SERVICE		GENERAL SERVICE
			street lighting)				TIME OF USE		<50KW
RETAIL ENERGY (KWH) LOSS FACTOR ADUSTMENT	288,946,492 1.0273	191,938	851,294,557	9,201,481	217,077,145 1.0100	1,366,711,613	186,198,453	0	96,292,012
CALCULATION FOR LOSS FACTOR:									
	1995	1996	1997	1998	1999				
(A) WHOLESALE KWH	1,218,060,877	1,259,061,609	1,303,024,979	1,341,641,722	1,406,149,959				
(B) WHOLESALE KWH FOR LARGE USERS	189,719,576	204,729,038	207,283,535	211,081,550	219,005,262				
(C) WHOLESALE KWH (A)-(B) FOR DSL	1,028,341,301	1,054,332,571	1,095,741,444	1,130,580,172	1,187,144,697				
(D) RÉTAIL KWH	1,197,820,857	1,226,539,015	1,274,610,750	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	1,069,379,527	1,097,168,462	1,148,629,214				
(G) DSL [[(C)/(G)]-1]	0.0182	0.0298	0.0247	0.0305	0.0335	0.0273			
(H) LOSS FACTOR ADJUSTMENT	1.0273								

NOTE: UTILITY CAN USE AVERAGE DS. 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 \$/KW	SUMMER PEAK \$/KW
(D) PURCHASED AT <115 KV	1205	8.02
(G) PURCHASED AT >115 KV	1102	7.99
RESIDENTIAL (B) PERCENT PURCHASED AT <115 KV	WINTER	SUMMER 1.000
(C) PERCENT PURCHASED AT >115 KV	0.000	0.000 0.000
SENTINEL LIGHTING (B) PERCENT PURCHASED AT <115 KV (C) PERCENT PURCHASED AT >115 KV	WINTER 1,900 6,000	SUMMER 1.000 0.000
GENERAL SERVICE <50 KW (B) PERCENT PURCHASED AT <115 KV (C) PERCENT PURCHASED AT >115 KV	WINTER 1.000 0.000	SUMMER 1.000 0.000
GENERAL SERVICE NON- TIME OF USE >50 KW (B) PERCENT PURCHASED AT <115 KV (C) PERCENT PURCHASED AT >115 KV	WINTER 0.990 0.010	SUMMER 0.991 0.009
GENERAL SERVICE TIME OF USE >50 KW (B) PERCENT PURCHASED AT <115 KV (C) PERCENT PURCHASED AT >115 KV	WINTER 0.968 0.932	SUMMER 0.971 0.029
GENERAL SERVICE INTERMEDIATE USE (B) PERCENT PURCHASED AT <115 KV (C) PERCENT PURCHASED AT >115 KV	WINTER 1.000 0.000	SUMMER 1.000 0.000
STREET LIGHTING (B) PERCENT PURCHASED AT <115 KV (C) PERCENT PURCHASED AT >115 KV	WINTER 1,009 0,000	SUMMER 1.000 0.000
LARGE USE (B) PERCENT PURCHASED AT <115 KV (C) PERCENT PURCHASED AT >115 KV	WINTER 1,009 0.090	SUMMER (1.000 0.000

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	•	SUMME PEAK KW	R	WINTER PEAK KWH	WINTER OFF-PEAK KWH	SUMMER PEAK KWH	SUMMER OFF-PEAK KWH
GENERAL SERVICE TIME OF USE INTERMEDIATE USE LARGE USE	0.81: 0.98 0.9	1 0,99	Ŕ	197,883 0 176,906		208,243 0 192,356	49,308,655 0 54,335,831	41,933,060 0	50,914,026 0	44,042,712 0
EARGE USE	- 67 / 11 PAIS 21, 12 M.S .	7 0.9	FF.	170,800		192,356	54,335,631	51,207,226	56,406,060	55,128,028

SOURCE: CURRENT DIVERSITY CREDIT RATES

\$/KW

DIVERSITY ADJUSTMENT SUMMER DIVERSITY ADJUSTMENT WINTER

1.70 2.10

SOURCE: TOTAL COP WHOLESALE BILL FOR 1999

ACTUAL TOTAL COP (BEFORE DIVERSITY

ADJUSTMENT

\$87,019,002

FOR RATE CLASS REVENUE REQUIREMENTS AND DISTRIBUTION CHARGES CALCULATIONS:

INCREMENTAL DISTRIBUTION COST (IDC) \$/KWH 0.0002 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

REVENUE

\$0.00

20051

REQUIREMENT

NON-TIME-OF-USE

SERVICE CHARGE FIRST 250 KWH

BALANCE OF KWH

\$0.00 98,018,796 0.123

TIME-OF-USE

SERVICE CHARGE WINTER PEAK 250 KWH WINTER PEAK BALANCE WINTER OFF-PEAK ALL SUMMER PEAK 250 KWH SUMMER PEAK BALANCE

SUMMER OFF PEAK ALL MINIMUM BILLS

29870 288.946.492

NUMBER OF CUSTOMERS (YEAR-END 1999)

33691

SENTINEL LIGHTS

TOTAL

SALES IN BLOCK

BLOCK RATE REVENUE \$/CONNECTED REQUIREMENT

CONNECTED KW KW

NON-TIME-OF USE

TIME-OF-USE

SUMMER DEMAND

NUMBER OF CONNECTIONS (YEAR-END 1999)

46

GENERAL SERVICE

NON-TIME-OF-USE <50 KW (no demand meters) SERVICE CHARGE **NEXT 12250 KWH** NEXT BLOCK

BALANCE KWH

MINIMUM BILLS TOTAL FIRST 50 KW

SALES IN BLOCK BLOCK RATE

\$/KWH

REVENUE REQUIREMENT \$0.00

\$0.00

8,102,092 0.1230 87,170,908 1,019,012 0.0774 0.0564

96,292,012

52,626 0.0000

NUMBER OF CUSTOMERS (YEAR-END 1999)

2922

NON-TIME OF USE >50 KW BLOCK	SALES IN BLOCK	REVENUE RATE REQUIREMENT
SERVICE CHARGE		\$0.00
ENERGY FIRST 250 KWH NEXT 12250 KWH NEXT BLOCK BALANCE KWH MINIMUM BILLS SUTOTAL	KWH 3.323.834 94.454.798 465.280.811 5.742.875 1.774 588.804.092	\$/KWH 0.1230 0.0774 0.0584 0.0354 \$13,555.00
DEMAND FIRST 50 KW NEXT BLOCK BALANCE KW MINIMUM BILLS SUBTOTAL	1,388,077	\$/KW 0.0000 5.2500 \$0.00
NUMBER OF CUSTOMERS (YEAR-END 1999)	693	
TIME OF USE > 50 KW		
BLOCK	SALES IN BLOCK	BLOCK REVENUE RATE REQUIREMENT
SERVICE CHARGE		\$0.00
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 27,542 715,941 47,924,784 640,385 41,933,060 27,800 698,996 48,509,487 1,587,863 44,042,712 0,000	5/KWH 0.1688 0.1282 0.0682 0.0463 0.0346 0.1478 0.1036 0.0219 0.0402 0.0237
DEMAND WINTER FIRST 50 KW WINTER SECOND BLOCK WINTER BALANCE BLOCK SUMMER FIRST 50 KW SUMMER SECOND BLOCK SUMMER BALANCE BLOCK MINIMUM BILLS SUBTOTAL NUMBER OF CUSTOMERS (YEAR-END 1999)	KW 5.513 192,370 0 5.616 201,175 1,553 0 406,128	\$ANN 0.0000 5.4600 15.2600 0.0000 4.3500 11.1200 \$0.000
INTERMEDIATE USE		
	SALES IN BLOCK	RATE
WINTER PEAK SUMMER PEAK SUBTOTAL	kw 6 9 0	\$/KW 6.00 0.00
WINTER PEAK WINTER OFF PEAK SUMMER PEAK SUMMER OFF-PEAK SUBTOTAL	KWH 0 0 0 0 0	SACWH G G G T
NUMBER OF CUSTOMERS (YEAR-END 1999)	.	
STREET LIGHTING		
	BLOCK \$/C	OCK RATE ONNECTED
NON-TIME-OF-USE	21,154 KW	
TIME-OF-USE WINTER DEMAND SUMMER DEMAND		0.00 6.00
NUMBER OF CONNECTIONS (YEAR-END 1999)	10129	

LARGE USE

WINTER PEAK SUMMER PEAK SUBTOTAL SALES RATE IN BLOCK

KW \$/KW 176,906 15.47 192,356 11.28 369,262

369,2

 WINTER PEAK
 KWH
 \$/kWH

 WINTER OFF PEAK
 54,336,831
 0,0463

 WINTER OFF PEAK
 51,207,226
 0,0342

 SUMMER PEAK
 56,406,060
 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.

DISTRIBUTION DATE MARCH 28, 2000 SHEET 2 - BACKGROUND INFORMATION

NAME OF UTILITY

LICENCE NUMBER

BE-1989-0157

DATE

VERSION NUMBER

1 Jim Fells

PHONE NUMBER

519-822-1750 ext. 237

	TOTAL 51.86 48.14 100.00	48.40 51.80 100.00 50.74 49.28	53.34 100.00 53.34 100.00	57.38 42.81 100.00 48.20 51.80	53.58 46.41 100.00 24.98 75.02 100.00
DEC 730 80.97 82.82 81.87 83.53 82.67 75.06 75.06 75.06 63.81 83.83 83.83 75.06 75.06 63.81	DEC 4.32 4.78 9.10	5.25 6.73 11.98 4.62 5.40	10.02 3.12 7.63 10.75 6.81 6.87	4.21 4.08 8.28 3.80 5.27 9.07	4.38 5.01 9.39 3.12 7.63
NOV 730 68.77 68.30 62.10 62.10 61.01 81.23 82.23 82.23 82.23	NOV 4.49 3.53 8.02	4.81 4.56 9.17 4.63 3.87	8.40 8.837 8.94 9.94 8.90	5.21 3.80 8.81 4.48 4.13 8.59	4.83 3.83 8.76 3.27 6.67 9.84
0CT 730 63.81 755.22 66.88 61.55 65.00 87.36 89.23 69.23 69.23	3.76 3.54 7.29	3.08 3.34 6.40 3.52 3.48	7.00 2.51 8.84 9.35 3.84 3.84 7.08	4.80 3.44 8.04 4.32 4.58 8.91	2.51 2.51 6.84 9.35
SEPT 730.00 63.68 65.54 65.54 65.54 71.39 71.39 71.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00	SEPT 3.73 3.96 7.69	2.24 2.41 4.65 3.25 3.48	6.71 1.73 8.03 3.52 2.86 6.39	4.81 7.94 7.94 4.34 8.42	4.23 3.57 7.80 1.73 6.30 8.03
AUG 730 71.38 72.16 71.56 0.00 69.72 63.12 63.12	AUG 4.84 4.32 9.16	2.83 2.28 4.92 4.12 3.67	7.78 1.38 5.86 7.26 3.84 2.89 6.33	5.21 3.47 8.68 4.39 4.28 8.67	4.64 3.58 8.23 1.38 5.88 7.26
JULY 730 88.0 68.80 69.56 60.00 50.00 60.56 60.56 60.56 60.56 60.56 60.56 60.50 60.5	JULY 4.59 4.92 9.51	2.58 2.70 5.26 3.94 4.20	8.14 9.48 9.42 9.02 44	4.73 3.79 8.62 3.68 4.16 7.84	4.14 3.76 7.90 0.98 5.48 6.46
JUN 730 86.32 86.32 60.76 60.76 69.11 48.30 82.85 82.85 69.80 0.00	JUN 4.82 3.80 8.22	2.48 2.13 4.81 4.00 3.12	7.12 1.04 5.00 6.04 4.07 2.92 6.98	4.87 2.94 7.81 4.12 3.83 7.95	4.46 3.23 7.69 1.04 6.00
MAY 730 (3.58 7.39 (3.59 7.39 (3.59 7.39 7.39 7.39 7.59 7.59 7.5 (3.59 7.5 (MAY 3.97 3.41 7.38	3.20 3.20 6.40 3.72 3.35	7.07 1.26 5.48 6.74 3.83 3.04 6.88	4.84 3.03 7.87 4.16 4.11 8.27	4.45 3.38 7.83 1.26 6.48 6.74
APR 730 73247 68 66 71.07 71.07 78.69 69.57 78.69 43.84	APR 3.69 4.09 7.78	3.71 4.93 8.84 3.70 4.36	8.06 1.34 6.08 7.42 3.87 7.48	4.30 3.56 7.86 3.46 4.27 7.73	3.92 3.82 7.74 1.34 6.08 7.42
MAR 730 770.18 67.88 69.26 68.89 95.75 88.04 88.46	MAR 4.65 3.64 8.29	5.84 5.54 11.18 4.87 4.25	9.22 2.46 6.27 8.73 5.45 9.76	5.04 3.55 8.59 4.16 4.02 8.18	4.83 3.85 8.68 2.46 6.27 8.73
FEB 730 730 67.80 667.80 67.09 61.93 61.93 84.39 84.39 51.99	FEB 4.37 3.75 8.12	5.87 6.28 12.15 4.85 4.57	9.42 2.62 6.18 8.78 5.14 4.55	4.77 3.71 8.48 3.62 7.89	2.62 6.16 8.78
JAN 730 6802 6802 6802 68.12 68.26 82.08 82.08 85.96 83.14 83.14	JAN 4.84 8.44	6.95 7.49 14.44 5.52 5.53	11.05 3.27 7.23 10.50 5.87 6.58	5.00 4.11 9.11 3.95 4.73 8.88	4.78 4.80 9.38 3.27 7.23 10.50
ACTORS (%					
COINCIDENT LOAD FACTORS (%) HOURS IN MONTH RES.NON-EL RES.ED.TOTAL RESIDENTAL SENTINEL LIGHTS GS-500 KW GS-5000 KW GS-5000 KW GS-1000 TOTAL GS STREFT LIGHTS	ENEKGY SPLIS(%) RES NON-EL ON ENERGY OF ENERGY TOTAL	NES EL ON ENERGY OFF ENERGY TOTAL TOTAL RESIDENTIAL ON ENERGY OFF ENERGY	TOTAL SENTINEL LIGHTS ON ENERGY OF ENERGY TOTAL G8-46 ON ENERGY OFF ENERGY OFF TOTAL G8-565-4000	ON ENERGY OFF ENERGY TOTAL G\$\$>100 ON ENERGY OFF ENERGY OFF GENERGY	ON ENERGY ON FERENCY TOTAL STREET LIGHTS ON ENERGY TOTAL

CALCULATED MONTHLY WHOLESALE ENERGY (KWH) QUANTITIES (ENERGY INCLUDING LOSSES-WHOLESALE PURCHASE AMOUNT)

	SUMMER OFF-PEAK 65,778,879	67,476	186,718,898	3,234,772	18,003,939		
	SUMMER PEAK 67,471,870	15,242	225,984,293	730,707	22,148,802		
	WINTER OFF-PEAK 80,443,805	80,450	219,162,785	3,856,770	28,153,413		
	WINTER PEAK 83,145,055	34,014	242,688,240	1,630,620	30,616,589	SUMMER	N 65 -
	TOTAL 150,816,825 148,223,684 298,840,609	49,256 147,926 197,182	468,672,533 405,879,684 874,552,216	2,361,327 7,091,542 9,452,869	52,785,391 48,157,352 98,922,743	WANTER	350,819 270 784,546 12,903 104,281
	DEC 13,714,036 16,028,383 28,743,429	8,152 15,045 21,197	38,305,387 43,815,086 82,120,453	284,830 721,254 1,016,183	5,747,411 6,795,992 12,543,404	DEC	99,086 46 141,448 2,188 20,785
	NOV 13,446,880 11,487,732 24,834,611	6,448 13,152 19,600	43,115,424 33,495,350 78,610,774	309,108 630,506 939,615	4,885,706 3,857,987 8,843,693	NOV	55,003 46 127,192 2,188 13,487
	0CT 10,448,789 10,330,053 20,778,843	4,949 13,467 16,436	38,130,477 33,058,074 71,188,550	237,267 649,576 883,843	3,798,633 3,205,097 7,003,730	. 001	42,580 41 117,210 1,985 14,760
GENERAL SERVICE <50 KW 96,292,012 1.0273 98,922,743	SEPT 9,647,320 10,270,685 19,918,005	3,411 12,422 15,834	36,993,559 31,221,514 68,215,073	163,535 595,531 759,065	3,482,081 2,829,190 6,321,163	SEPT	41,631 0 126,141 0 13,662
INTERMED- IATE USE 0 1.0273	AUG 12,229,833 10,894,050 23,123,883	2,721 11,584 14,315	40,579,223 31,396,425 71,975,647	130,450 555,829 686,278	3,800,788 2,681,022 6,261,810	AUG	44,272 0 156,205 0 12,303
GENERAL SERVICE FIME OF USE 188,188,453 1.0273 191,285,459	JULY 11,695,520 12,487,306 24,162,828	1,832 10,806 12,738	36,208,462 32,883,163 69,089,625	92,838 518,017 610,855	3,363,158 2,987,467 6,370,626	JULY	48,279 0 144,088 0 15,534
TOTAL 1,386,711,813 1,400,290,793	JUN 11,873,624 8,261,427 21,135,051	2,051 9,858 11,910	39,005,028 28,248,037 67,253,065	98,310 472,643 570,953	4,026,156 2,888,544 6,904,807	אחר	47,650 0 153,802 0 13,686
LARGE USE 217,077,145 1.01 219,247,918	MAY 11,042,471 9,944,160 20,986,631	2,484 10,806 13,290	38,917,574 29,559,885 88,477,438	119,106 618,017 637,123	3,887,664 3,007,251 6,904,807	MAY	42,880 0 120,892 0 12,438
STREET LIGHTING 9,201,481 1,0273 9,452,869	APR 10,883,103 12,942,251 23,925,353	2,842 11,889 14,631	34,282,447 33,407,895 67,680,342	128,888 574,734 701,403	3,768,957 3,630,465 7,399,421	APR	48,116 46 122,444 2,187 15,240
GENERAL SERVICE 851,284,557 1,0273 874,552,218	MAR 14,752,978 12,815,726 27,388,704	4,851 12,363 17,214	42,240,872 33,670,260 75,811,132	232,541 592,685 825,235	5,391,289 4,263,570 9,644,967	ES	54,131 46 120,273 2,188 19,179
SENTINEL LIGHTS 191,938 1,0273 197,182	FEB 14,386,770 13,585,618 27,982,385	5,168 12,146 17,313	39,092,484 34,894,633 73,887,118	247,665 582,297 629,962	5,084,629 4,500,985 9,585,614	V) QUANTITI	67,095 46 128,571 2,187 19,648
RESIDENTIAL 288,948,492 1,0273 296,840,609	JAN 16,385,602 16,415,286 32,800,887	6,448 14,256 20,704	41,803,596 40,229,402 82,032,898	308,109 683,442 992,551	5,608,920 5,529,781 11,138,701	DEMAND (KV D	65,981 48 129,852 2,187 16,442
(A) RETAIL (BILLED) ENERGY (B) LOSS FACTOR ADJUSTAIRINT (C) WHOLESALE ENERGY (A)*(B)	RESIDENTIAL. PEAK OFF-PEAK TOTAL	SENTINEL LIGHTING PEAK OFF-PEAK TOTAL	GENERAL SERVICE PEAK · OFF-PEAK TOTAL	STREET LIGHTING PEAK OFF-PEAK TOTAL	(this is a subset of general service) GENERAL SERVICE <50 KW PEAK OFF-PEAK TOTAL	CALCULATED WHOLESALE DEMAND (KW) QUANTITIES COINCIDENT PEAK DEMAND	RESIDENTAL. SENTRILL LIGHTING GENERAL SERVICE STREET LIGHTING GENERAL SERVICE <550 KW

SHEET 3 - COST OF POWER 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

COST OF POWER (COP) CALCULATIONS

RE	SI	D	E١	IT	lΑ	L
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RESIDENTIAL	WNTER PEAK KW	SUMMER PEAK KW	WINTER PEAK KWH	WINTER OFF-PEAK KWH	SUMMER PEAK KWH	SUMMER OFF-PEAK KWH	
(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 (C) PERCENT PURCHASED AT >115 KV	1.000 0.000	1.000 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 (F) COP =(D)*(E)	12.05 \$4,227,374	9.02 \$2,440,879	0.0609 \$5,063,534	0.0335 \$2,694,867	0.0503 \$3,393,835	0.023	\$19,333,427
(O) DUDOUA OFD AT - 445 (O)				•			
(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			•				
	WNTER	SUMMER	WINTER	WINTER	SUMMER	SUMMER	
	PEAK	PEAK	PEAK		PEAK	OFF-PEAK	
(A) WHOLESALE VOLUME	KW 270	KW 46	KWH 34,014	KWH 80,450	KWH 15,242	KWH 67,476	
(A) WHOLEGALE VOLUME	<u> 210</u>		J4,014	80,430	15,242	07,470	
(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	46	34,014	80,450	15,242	67,476	
	\$/KW	\$/KW	\$/KWH	\$/KWH	\$/KWH	\$/KWH	
(E) WHOLESALE RATES	12.05	9.02	0.0609	0.0335	0.0503 \$767	0.023 \$1,552	
(F) COP =(D)*(E)	\$3,247	\$412	\$2,071	\$2,695	\$101	\$1,552	\$10,745
(G) PURCHASED AT >115 KV	0	0	0	0	0	0	
	\$/KW	\$/KW	\$/KWH	\$/KWH	\$/KWH	\$/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		22,148,802	18,003,939	
(B) PERCENT PURCHASED AT <115 KV (C) PERCENT PURCHASED AT >115 KV	1.000 0.000	1.000 0.000					
(D) PURCHASED AT <115 KV	104,281 \$/KW	82,861 \$/KW	30,616,589 \$/KWH	28,153,413 \$/KWH	22,148,802 \$/KWH	18,003,939 \$/KWH	
(E) WHOLESALE RATES (F) COP =(D)*(E)	12.05 \$1,256,588	9.02 \$747,411	0.0609 \$1,864,550	0.0335 \$943,139	0.0503 \$1,114,085	0.023 \$414,091	\$6,339,864
(G) PURCHASED AT >115 KV	0 \$/KW	0 \$/KW	0 \$/KWH	0 \$/KWH	0 \$/KWH	0 \$/KWH	
(H) WHOLESALE RATES (I) COP =(G)*(H)	11.02 \$0	7.99 \$0	0.0609	0.0335 \$0	0.0503 \$0	0.023	\$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	WNTER PEAK KWH	WINTER OFF-PEAK KWH	SUMMER PEAK KWH	SUMMER OFF-PEAK KWH	TOTAL
TOTAL GENERAL SERVICE VOLUME Less GENERAL SERVICE TIME OF USE Less INTERMEDIATE USE	764,546 160,681 0	823,681 165,553 0		219,162,785	225,984,293 52,305,015 0		
Less GENERAL SERVICE <50 KW (A) WHOLESALE VOLUME	104,281 499,584	82,861 575,266	30,616,589 161,415,867	28,153,413 147,930,687	22,148,802 151,530,476	18,003,939 123,466,985	
(B) PERCENT PURCHASED AT <115 KV (C) PERCENT PURCHASED AT >115 KV	0.990 0.010	0.991 0.009					
(D) PURCHASED AT <115 KV	494,588 \$/KW	570,089 \$/KW	159,801,708 \$/KWH	146,451,380 \$/KWH	150,166,702 \$/KWH	122,355,782 \$/KWH	
(E) WHOLESALE RATES (F) COP =(D)*(E)	12.05 \$5,959,782	9.02 \$5,142,204	0.0609 \$9,731,924	0.0335 \$4,906,121	0.0503 \$7,553,385	0.023 \$2,814,183	\$36,107,599
(G) PURCHASED AT >115 KV	4,996 \$/KW	5,177 \$/KW	1,614,159 \$/KWH	1,479,307 \$/KWH	1,363,774 \$/KWH	1,111,203 \$/KWH	
(H) WHOLESALE RATES (I) COP =(G)*(H)	11.02 \$55,054	7.99 \$41,367	0.0609 \$98,302	0.0335 \$49,557	0.0503 \$68,598	0.023 \$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

GENERAL SERVICE TIME OF USE > 50 KW							
	WINTER	SUMMER	WINTER	WINTER	SUMMER	SUMMER	TOTAL
	PEAK	PEAK	PEAK	OFF-PEAK	PEAK	OFF-PEAK	
	KW	kw	KWH	KWH	KWH	KWH	
ANDETAIL MOLUME					50,914,026		
(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					
o, and an order of the state of	3.332	0.020		•			
(D) PURCHASED AT <115 KV	155,539	160,752	49,034,799	41,700,168	50,788,169	43,933,841	
	\$/KW	\$/KW	\$/KWH	\$/KWH	\$/KWH	\$/KWH	
E) WHOLESALE RATES	12.05	9.02	0.0609	0.0335	0.0503	0.023	
F) COP =(D)*(E)	\$1,874,247	\$1,449,984	\$2,986,219	\$1,396,956	\$2,554,645		\$11,272,530
1) GOF -(B) (L)	Ψ1,01 4 ,241	ψ1, 443,304	Ψ2,300,213	ψ1,330,330	Ψ2,004,040	Ψ1,010,470	φ11,2 <i>1</i> 2,330
(G) PURCHASED AT >115 KV	5,142	4,801	1,620,985	1,378,518	1,516,845	1,312,133	
(G) FORCHAGED AT >115 KV		-					
	\$/KW	\$/KW	\$/KWH	\$/KWH	\$/KWH	\$/KWH	
(H) WHOLESALE RATES	11.02	7.99	0.0609	0.0335	0.0503	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 3000 KW but le	\$1,488,345 ss than 500	\$3,084,937	\$1,443,136	\$2,630,942	\$1,040,657	\$11,618,927
=(F)+(I)	3000 KW but le	ss than 500	0 KW	\$1,443,136			
=(F)+(I)	3000 KW but le	ss than 500	0 KW WINTER	WINTER	SUMMER	SUMMER	TOTAL
=(F)+(I)	3000 KW but le WNTER PEAK	ss than 500 SUMMER PEAK	0 KW WINTER PEAK	WINTER OFF-PEAK	SUMMER PEAK	SUMMER OFF-PEAK	TOTAL
=(F)+(I) INTERMEDIATE USE MONTHLY DEMAND > 3	3000 KW but le WNTER PEAK KW	ss than 500 SUMMER PEAK KW	0 KW WNTER PEAK KWH	WINTER OFF-PEAK KWH	SUMMER PEAK KWH	SUMMER OFF-PEAK KWH	TOTAL
E(F)+(I) INTERMEDIATE USE MONTHLY DEMAND > 3	3000 KW but le WNTER PEAK	ss than 500 SUMMER PEAK	0 KW WINTER PEAK	WINTER OFF-PEAK	SUMMER PEAK	SUMMER OFF-PEAK	TOTAL
E(F)+(I) INTERMEDIATE USE MONTHLY DEMAND > : (A) RETAIL VOLUME	3000 KW but le WNTER PEAK KW	ss than 500 SUMMER PEAK KW	0 KW WNTER PEAK KWH	WINTER OFF-PEAK KWH	SUMMER PEAK KWH	SUMMER OFF-PEAK KWH	TOTAL
(A) RETAIL VOLUME (B) COINCIDENCE FACTOR	3000 KW but le WINTER PEAK KW 0	ss than 500 SUMMER PEAK KW 0	0 KW WNTER PEAK KWH	WINTER OFF-PEAK KWH	SUMMER PEAK KWH	SUMMER OFF-PEAK KWH	TOTAL
(A) RETAIL VOLUME (B) COINCIDENCE FACTOR (C) SYSTEM LOSS ADJUST.	3000 KW but le WINTER PEAK KW 0	ss than 500 SUMMER PEAK KW 0	0 KW WINTER PEAK KWH 0	WINTER OFF-PEAK KWH 0	SUMMER PEAK KWH 0	SUMMER OFF-PEAK KWH 0	TOTAL
(A) RETAIL VOLUME (B) COINCIDENCE FACTOR (C) SYSTEM LOSS ADJUST. (D) WHOLESALE VOLUME	3000 KW but le WINTER PEAK KW 0 0.981	SUMMER PEAK KW 0 0.991	0 KW WINTER PEAK KWH 0 1.03	WINTER OFF-PEAK KWH 0	SUMMER PEAK KWH 0	SUMMER OFF-PEAK KWH 0 1.03	TOTAL
(A) RETAIL VOLUME (B) COINCIDENCE FACTOR (C) SYSTEM LOSS ADJUST. (D) WHOLESALE VOLUME (B) PERCENT PURCHASED AT <115 KV	3000 KW but le WINTER PEAK KW 0 0.981 0	SUMMER PEAK KW 0 0.991 0	0 KW WINTER PEAK KWH 0 1.03	WINTER OFF-PEAK KWH 0	SUMMER PEAK KWH 0	SUMMER OFF-PEAK KWH 0 1.03	TOTAL
(A) RETAIL VOLUME (B) COINCIDENCE FACTOR (C) SYSTEM LOSS ADJUST.	3000 KW but le WINTER PEAK KW 0 0.981	SUMMER PEAK KW 0 0.991	0 KW WINTER PEAK KWH 0 1.03	WINTER OFF-PEAK KWH 0	SUMMER PEAK KWH 0	SUMMER OFF-PEAK KWH 0 1.03	TOTAL
(A) RETAIL VOLUME (B) COINCIDENCE FACTOR (C) SYSTEM LOSS ADJUST. (D) WHOLESALE VOLUME (B) PERCENT PURCHASED AT <115 KV	3000 KW but le WINTER PEAK KW 0 0.981 0 1.000 0.000	SUMMER PEAK KW 0 0.991 0 1.000 0.000	O KW WINTER PEAK KWH 0 1.03 0	WINTER OFF-PEAK KWH 0 1.03 0	SUMMER PEAK KWH 0 1.03 0	SUMMER OFF-PEAK KWH 0 1.03 0	TOTAL
(A) RETAIL VOLUME (B) COINCIDENCE FACTOR (C) SYSTEM LOSS ADJUST. (D) WHOLESALE VOLUME (B) PERCENT PURCHASED AT <115 KV (C) PERCENT PURCHASED AT >115 KV	3000 KW but le WINTER PEAK KW 0 0.981 0 1.000 0.000	SS than 500 SUMMER PEAK KW 0 0.991 0 1.000 0.000	O KW WINTER PEAK KWH 0 1.03	WINTER OFF-PEAK KWH 0 1.03	SUMMER PEAK KWH 0 1.03 0	SUMMER OFF-PEAK KWH 0 1.03 0	TOTAL
(A) RETAIL VOLUME (B) COINCIDENCE FACTOR (C) SYSTEM LOSS ADJUST. (D) WHOLESALE VOLUME (B) PERCENT PURCHASED AT <115 KV (C) PERCENT PURCHASED AT >115 KV	3000 KW but le WINTER PEAK KW 0 0.981 0 1.000 0.000	SUMMER PEAK KW 0 0.991 0 1.000 0.000	O KW WINTER PEAK KWH 0 1.03 0	WINTER OFF-PEAK KWH 0 1.03 0	SUMMER PEAK KWH 0 1.03 0	SUMMER OFF-PEAK KWH 0 1.03 0	TOTAL
(A) RETAIL VOLUME (B) COINCIDENCE FACTOR (C) SYSTEM LOSS ADJUST. (D) WHOLESALE VOLUME (B) PERCENT PURCHASED AT <115 KV (C) PERCENT PURCHASED AT >115 KV	3000 KW but le WINTER PEAK KW 0 0.981 0 1.000 0.000	SUMMER PEAK KW 0 0.991 0 1.000 0.000 0 \$/KW	O KW WINTER PEAK KWH 0 1.03 0	WINTER OFF-PEAK KWH 0 1.03 0	SUMMER PEAK KWH 0 1.03 0	SUMMER OFF-PEAK KWH 0 1.03 0	TOTAL
(A) RETAIL VOLUME (B) COINCIDENCE FACTOR (C) SYSTEM LOSS ADJUST. (D) WHOLESALE VOLUME (B) PERCENT PURCHASED AT <115 KV (C) PERCENT PURCHASED AT >115 KV (D) PURCHASED AT <115 KV (E) WHOLESALE RATES	3000 KW but le WINTER PEAK KW 0 0.981 0 1.000 0.000 0.000	SUMMER PEAK KW 0 0.991 0 1.000 0.000 0 \$/KW 9.02	0 KW WINTER PEAK KWH 0 1.03 0 \$/KWH 0.0609	WINTER OFF-PEAK KWH 0 1.03 0	SUMMER PEAK KWH 0 1.03 0 \$/KWH 0.0503	SUMMER OFF-PEAK KWH 0 1.03 0 \$/KWH 0.023	TOTAL
(A) RETAIL VOLUME (B) COINCIDENCE FACTOR (C) SYSTEM LOSS ADJUST. (D) WHOLESALE VOLUME (B) PERCENT PURCHASED AT <115 KV (C) PERCENT PURCHASED AT >115 KV (D) PURCHASED AT <115 KV (E) WHOLESALE RATES	3000 KW but le WINTER PEAK KW 0 0.981 0 1.000 0.000 0.000	SUMMER PEAK KW 0 0.991 0 1.000 0.000 0 \$/KW 9.02	0 KW WINTER PEAK KWH 0 1.03 0 \$/KWH 0.0609	WINTER OFF-PEAK KWH 0 1.03 0	SUMMER PEAK KWH 0 1.03 0 \$/KWH 0.0503	SUMMER OFF-PEAK KWH 0 1.03 0 \$/KWH 0.023	TOTAL
INTERMEDIATE USE MONTHLY DEMAND > : (A) RETAIL VOLUME (B) COINCIDENCE FACTOR (C) SYSTEM LOSS ADJUST. (D) WHOLESALE VOLUME (B) PERCENT PURCHASED AT <115 KV (C) PERCENT PURCHASED AT >115 KV (D) PURCHASED AT <115 KV (E) WHOLESALE RATES (F) COP =(D)*(E)	3000 KW but le WINTER PEAK KW 0 0.981 0 1.000 0.000 0.000 \$/KW 12.05 \$0	SUMMER PEAK KW 0 0.991 0 1.000 0.000 0,000 0,000 \$/KW 9.02 \$0	0 KW WINTER PEAK KWH 0 1.03 0 \$/KWH 0.0609 \$0	WINTER OFF-PEAK KWH 0 1.03 0 \$/KWH 0.0335 \$0	SUMMER PEAK KWH 0 1.03 0 \$/KWH 0.0503 \$0	SUMMER OFF-PEAK KWH 0 1.03 0 \$/KWH 0.023 \$0	TOTAL
(A) RETAIL VOLUME (B) COINCIDENCE FACTOR (C) SYSTEM LOSS ADJUST. (D) WHOLESALE VOLUME (B) PERCENT PURCHASED AT <115 KV (C) PERCENT PURCHASED AT >115 KV (D) PURCHASED AT <115 KV (E) WHOLESALE RATES (F) COP =(D)*(E)	3000 KW but le WINTER PEAK KW 0 0.981 0 1.000 0.000 \$/KW 12.05 \$0 0 \$/KW	SUMMER PEAK KW 0 0.991 0 1.000 0.000 0 \$/KW 9.02 \$0 0 \$/KW	0 KW WINTER PEAK KWH 0 1.03 0 \$/KWH 0.0609 \$0	WINTER OFF-PEAK KWH 0 1.03 0 \$/KWH 0.0335 \$0	SUMMER PEAK KWH 0 1.03 0 \$/KWH 0.0503 \$0 0 \$/KWH	SUMMER OFF-PEAK KWH 0 1.03 0 \$/KWH 0.023 \$0	TOTAL
INTERMEDIATE USE MONTHLY DEMAND > : (A) RETAIL VOLUME (B) COINCIDENCE FACTOR (C) SYSTEM LOSS ADJUST. (D) WHOLESALE VOLUME (B) PERCENT PURCHASED AT <115 KV (C) PERCENT PURCHASED AT >115 KV (D) PURCHASED AT <115 KV (E) WHOLESALE RATES (F) COP =(D)^(E) (G) PURCHASED AT >115 KV (H) WHOLESALE RATES	3000 KW but le WINTER PEAK KW 0 0.981 0 1.000 0.000 0 \$/KW 12.05 \$0 0 \$/KW 11.02	SS than 500 SUMMER PEAK KW 0 0.991 0 1.000 0.000 0 \$/KW 9.02 \$0 0 \$/KW 7.99	0 KW WINTER PEAK KWH 0 1.03 0 \$/KWH 0.0609 \$0 \$/KWH 0.0609	WINTER OFF-PEAK KWH 0 1.03 0 \$/KWH 0.0335 \$0	SUMMER PEAK KWH 0 1.03 0 \$/KWH 0.0503 \$0 0 \$/KWH 0.0503	SUMMER OFF-PEAK KWH 0 1.03 0 \$/KWH 0.023 \$0 0 \$/KWH 0.023	TOTAL
(A) RETAIL VOLUME (B) COINCIDENCE FACTOR (C) SYSTEM LOSS ADJUST. (D) WHOLESALE VOLUME (B) PERCENT PURCHASED AT <115 KV (C) PERCENT PURCHASED AT >115 KV (D) PURCHASED AT <115 KV (E) WHOLESALE RATES (F) COP =(D)*(E)	3000 KW but le WINTER PEAK KW 0 0.981 0 1.000 0.000 \$/KW 12.05 \$0 0 \$/KW	SUMMER PEAK KW 0 0.991 0 1.000 0.000 0 \$/KW 9.02 \$0 0 \$/KW	0 KW WINTER PEAK KWH 0 1.03 0 \$/KWH 0.0609 \$0	WINTER OFF-PEAK KWH 0 1.03 0 \$/KWH 0.0335 \$0	SUMMER PEAK KWH 0 1.03 0 \$/KWH 0.0503 \$0 0 \$/KWH	SUMMER OFF-PEAK KWH 0 1.03 0 \$/KWH 0.023 \$0	TOTAL
INTERMEDIATE USE MONTHLY DEMAND > : (A) RETAIL VOLUME (B) COINCIDENCE FACTOR (C) SYSTEM LOSS ADJUST. (D) WHOLESALE VOLUME (B) PERCENT PURCHASED AT <115 KV (C) PERCENT PURCHASED AT >115 KV (D) PURCHASED AT <115 KV (E) WHOLESALE RATES (F) COP =(D)^(E) (G) PURCHASED AT >115 KV (H) WHOLESALE RATES	3000 KW but le WINTER PEAK KW 0 0.981 0 1.000 0.000 0 \$/KW 12.05 \$0 0 \$/KW 11.02	SS than 500 SUMMER PEAK KW 0 0.991 0 1.000 0.000 0 \$/KW 9.02 \$0 0 \$/KW 7.99	0 KW WINTER PEAK KWH 0 1.03 0 \$/KWH 0.0609 \$0 \$/KWH 0.0609	WINTER OFF-PEAK KWH 0 1.03 0 \$/KWH 0.0335 \$0	SUMMER PEAK KWH 0 1.03 0 \$/KWH 0.0503 \$0 0 \$/KWH 0.0503	SUMMER OFF-PEAK KWH 0 1.03 0 \$/KWH 0.023 \$0 0 \$/KWH 0.023	TOTAL

STREET LIGHTING							
	WINTER PEAK KW	SUMMER PEAK	WINTER		SUMMER PEAK	SUMMER OFF-PEAK	
(A) WHOLESALE VOLUME	12,903	KW 2,187	KWH 1,630,620	KWH 3,856,770	KWH 730,707	KWH 3,234,772	
(B) PERCENT PURCHASED AT <115 KV (C) PERCENT PURCHASED AT >115 KV	1.000 0.000	1.000 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 (F) COP =(D)*(E)	12.05 \$155,484	9.02 \$19,724	0.0609 \$99,305	0.0335 \$129,202	0.0503 \$36,755	0.023 \$74,400	
(G) PURCHASED AT >115 KV	0 \$/KW	0 \$/KW	0 \$/KWH	0 \$/KWH	0 \$/KWH	0 \$/KWH	
(H) WHOLESALE RATES (I) COP =(G)*(H)	11.02 \$0	7.99 \$0	0.0609 \$0	0.0335 \$0	0.0503 \$0	0.023 \$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	WINTER PEAK		SUMMER PEAK	SUMMER OFF-PEAK	
(A) RETAIL VOLUME (B) COINCIDENCE FACTOR	176,906 0.970	KW 192,356 0.970	KWH 54,335,831	KWH 51,207,226	KWH 56,406,060	KWH 55,128,028	
(C) SYSTEM LOSS ADJUST. (D) WHOLESALE VOLUME	171,599	186,585	1.01 54,879,189	1.01 51,719,298	1.01 56,970,121	1.01 55,679,308	
(E) PERCENT PURCHASED AT < 115 KV (F) PERCENT PURCHASED AT > 115 KV	1.000 0.000	1.000 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 (I) COP =(G)*(H)	12.05 \$2,067,766	9.02 \$1,683,000	0.0609 \$3,342,143	0.0335	0.0503 \$2,865,597	0.023	\$12,971,726
(J) PURCHASED AT >115 KV	0 \$/KW	0 \$/KW	0 \$/KWH	0 \$/KWH	0 \$/KWH	0 \$/KWH	
(K) WHOLESALE RATES (LI) COP =(J)*(K)	11.02 \$0	7.99 \$0	0.0609	0.0335 \$0	0.0503 \$0	0.023 \$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	COP	DIFFERENCE C=A-B	CLASS SHARE D	ADJUSTMENT E=C*D	COP
RESIDENTIAL SENTINEL LIGHTS GENERAL SERVICE NON TIME OF USE >50 KW GENERAL SERVICE NON TIME OF USE <50 KW STREET LIGHTING SUBTOTAL	\$19,333,427 \$10,745 \$36,446,035 \$6,339,864 \$514,869 \$62,644,938			0.309 0.000 0.582 0.101 0.008	\$66,844 \$37 \$126,009 \$21,920 \$1,780 \$216,590	\$19,266,583 \$10,707 \$36,320,026 \$6,317,944 \$513,088 \$62,428,349
LARGE USE GENERAL SERVICE TIME OF USE > 50 KW INTERMEDIATE USE TOTAL	\$12,971,726 \$11,618,927 \$0 \$87,235,592	\$87,019,002	\$216,590		\$0 \$0 \$0	\$12,971,726 \$11,618,927 \$0 \$87,019,002

DISTRIBUTE ADJUSTMENT TO TIME OF USE PERIODS

RESIDENTIAL	WINTER	SUMMER	WINTER	WINTER	SUMMER	SUMMER	TOTAL
	PEAK	PEAK	PEAK	OFF-PEAK	PEAK	OFF-PEAK	
	KW	KW	KWH	KWH	KWH	KWH	
(A) RESIDENTIAL COP \$	\$4,227,374	\$2,440,879	\$5,063,534		\$3,393,835		\$19,333,427
(B) TOU SHARE OF TOTAL COP	0.219	0.126	0.262	0.139	0.176	0.078	\$15,555, 4 21
(C)ADJUSTMENT \$ (B)*E	\$14,616	\$8,439	\$17,507	\$9,317	\$11,734	\$5,231	\$66,844
• •	\$4,212,758	\$2,432,440	\$5,046,027				\$19.266.583
ADJUSTED TOU COP \$ (A)-(C)	φ4,212,736	φ 2,432,44 0	\$5,040,0 <i>21</i>	\$2,000,000	\$3,382,101	\$1,507,700	\$19,200,000
OFNITATI LIGHTO	MANTED	CURRED	VARAUTED	MANTED	01/44/50	0.44455	
SENTINEL LIGHTS	WINTER	SUMMER	WINTER	WINTER	SUMMER	SUMMER	
	PEAK	PEAK	PEAK		PEAK	OFF-PEAK	
	KW	KW	KWH	KWH	KWH	KWH	
(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	SUMMER	WINTER	WINTER	SUMMER	SUMMER	TOTAL
	PEAK	PEAK	PEAK	OFF-PEAK	PEAK	OFF-PEAK	
	KW	ĸw	KWH	KWH	KWH	KWH	
(A) GENERAL SERVICE COP \$	\$6,014,836	\$5,183,571	\$9,830,226		\$7,621,983		\$36,446,035
(B) TOU SHARE OF TOTAL COP	0.165	0.142	0.270	0.136	0.209	0.078	400,
(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			\$7,595,631		\$36,320,026
ADJUSTED TOU COP \$ (A)-(C)	Ф 5,994,040	\$5, 165,649	\$9,796,239	\$4,930,5 44	1 CO,CEC, 14	\$2,029,922	\$30,320,026
CTAIRDAL CEDUCAD) A #A [77777	0104155			0.00	0.00	
GENERAL SERVICE <50 KW	WINTER	SUMMER	WINTER	WINTER	SUMMER	SUMMER	
	PEAK	PEAK	PEAK		PEAK	OFF-PEAK	
	KW	KW	KWH	KWH	KWH	KWH	
(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	SUMMER	WINTER	WINTER	SUMMER	SUMMER	TOTAL
	PEAK	PEAK	PEAK	OFF-PEAK	PEAK	OFF-PEAK	
	KW	KW	KWH	KWH	KWH	KWH	
(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
ADDOTED 100 COF # (A)(C)	ψ104,540	φ 13,000	430,30 1	\$120,755	ψ30,02 <i>1</i>	W/4,143	\$515,000
LADOE HEE) A SALTET	CHARACO	1AMAITED	VARACTETS	CUMMED	CLBMCD	TOTAL
LARGE USE	WINTER	SUMMER	WINTER	WINTER	SUMMER	SUMMER	
	PEAK	PEAK	PEAK		PEAK	OFF-PEAK	
	KW	KW	KWH	KWH	KWH	KWH	
(A) LARGE USE COP \$	\$2,067,766	\$1,683,000		\$1,732,596	\$2,865,597		\$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	SUMMER	WINTER	WINTER	SUMMER	SUMMER	TOTAL
	PEAK	PEAK		OFF-PEAK	PEAK	OFF-PEAK	
	KW	KW	KWH	KWH	KWH	KWH	
(A) GENERAL SERVICE TOU COP \$	\$1,930,910	\$1,488,345		\$1,443,136	\$2,630,942		\$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 \$1,040,657	\$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
METRICAL					a	A1 11 11 11	TAT.
INTERMEDIATE USE	WINTER	SUMMER	WINTER		SUMMER	SUMMER	
	200	PEAK	PEAK	OFF-PEAK	PEAK	OFF-PEAK	
·	PEAK						
	KW	KW	KWH	KWH	KWH	KWH	
(A) INTERMEDIATE USE COP \$			KWH \$0	KWH \$0	KWH \$0	KWH \$0	\$0
(A) INTERMEDIATE USE COP \$ (B) TOU SHARE OF TOTAL COP	KW	KW					\$0
• •	KW \$0	KW \$0	\$0	\$0	\$0	\$0	\$0
(B) TOU SHARE OF TOTAL COP	KW \$0 0.000	KW \$0 0.000	\$0 0.000	\$0 0.000	\$0 0.000	\$0 0.000	\$0

SHEET4 - REVENUE REQTS & DISTR. CHARGES

NAME OF UTILITY

Guelph Hydro Electric Systems Inc.

LICENCE NUMBER

EB-1999-0157 36843

DATE VERSION NUMBER

-

NAME OF CONTACT

PHONE NUMBER

519-822-1750 ext. 237

RATE CLASS REVENUE REQUIREMENTS AND DISTRIBUTION CHARGES

RESIDENTIAL

DISTRIBUTION MONTHLY SERVICE CHARGE

CALCULATE REVENUE REQUIREMENTS

CALCULATE DISTRIBUTION REVENUE REQUIREMENT

BLOCK	SALES	BLOCK	REVENUE		TOTAL ANNUAL	COST OF POWER	DISTRIBUTION REVENUE
SECON	KWH	RATE			REVENUE	FOWER	REVENUE
	KVVD	\$/KWH	REQUIREMENT		REVENUE		
NON TIME OF USE:		⊅/KVVI1	•				
					A	В	C=A-B
SERVICE CHARGE		-	0			_	0 112
				\$	25,954,634.86	\$19,266,583.30	\$6,688,051.56
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				
				CALCULATE DIST	RIBUTION ENE	RGY (KWH) RATE	E
TIME OF USE:						,	
SERVICE CHARGE			s -	INCREMENTAL	RETAIL	VARIABLE	
WINTER PEAK 250 KWH	0	0	Š -	DISTRIBUTION	KWH	REVENUE	
WINTER PEAK BALANCE	0	ō	š -	COST PER	, , , , , , , , , , , , , , , , , , ,		
WINTER OFF PEAK ALL	n	ŏ	\$ -	KWH		\$	
SUMMER PEAK 250 KWH	n	ő	\$ -	A	В	E=A*B	
SUMMER PEAK BALANCE	ō	ő	\$ -	.,		2-110	
SUMMER OFF PEAK ALL	n	ő	\$ -	0.00902707	288 046 402	\$ 2,808,340,11	
SUBTOTAL	Ö		\$ -	0.00302707	200,040,402	\$ 2,000,040.71	
GODIOTAL	· ·		•				
MINIMUM BILLS	29870		20051				
TOTAL REVENUE REQUIREMENT	288,946,492		\$25,954,634.86				

RESIDENTIAL DISTRIBUTION MONTHLY SERVICE CHARGE AND COP KWH RATE

DISTRIBUTION REVENUE	VARIABLE REVENUE	SERVICE CHARGE REVENUE		DISTRIBUTION SERVICE CHARGE PER MONTH \$/MONTH/CUSTOMER
ΑΑ	В	C≃A-B	_	E=C/D/12
\$ 6,688,051.56	\$ 2,608,340.11	\$ 4,079,711.45	33691	\$10.0910

61.00%

COST OF POWER RATE

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

000 100 100 100 100 100 100 100 100 100	POWER F	KWH G			\$/KWH H=F/G	
COP KWH RATE	\$19,268,583.30	288,946,492			0.0667	
RESIDENTIAL CLASS TOU RATES						
	WINTER	SUMMER	WINTER	WINTER	SUMMER	SUMMER
	PEAK (KW)	PEAK (KW)	PEAK (KWH)	OFF-PEAK	PEAK	OFF-PEAK
				(KWH)	(KWH)	(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

39.00%

ANNUAL

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 15,014.61	B \$10,707	C=A-B \$ 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.

	DISTRI	IBUTION		RIABLE VENUE		RVICE HARGE		CAL	CULATE DISTRIBI	JTION DEMA	ND (KW) RATE
	KEVEN	NOE.	NE	ENGE		EVENUE			VARIABLE REVENUE	RETAIL KW	DISTRIBUTION KW RATE
RESIDENTIAL CLASS REVENUE REVENUE SHARE	\$ 6,6	88,051.56	\$:	2,608,340.11 0.390	\$	4,079,711.45 0.610			\$ A	В	C=A/B
(A) SENTINEL LIGHT REVENUE (B) REVENUE SHARE	\$	4,307.14		0.390		0.610		\$	1,679.78	533	3.1516
(C) (A)*(B)			\$	1,679.78	\$						
SENTINEL LIGHT MONTHLY SERVICE CHARGE		RIBUTION REVENUE		VARIABLE REVENUE		SERVICE CHARGE (REVENUE	NUMBER OF CONNECTIONS	SER		ON	
MONTHLY SERVICE CHARGE	s	A 4,307.14	•	B 1,679.78		C≒A-B 2,627.35	D 46		E=C/D/12		
MONTH SERVICE OFFICE	*	4,507.14	φ	1,078.76	*	2,021.35		•	\$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)	
(A) COP \$		1 \$3,236		2 \$411		3 \$2,064	\$2,686		5 \$764	6 \$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 TOTAL		0		17.60	\$	-					

CALCULATE DISTRIBUTION REVENUE REQUIREMENT

TOTAL COST OF DISTRIBUTION ANNUAL POWER REVENUE 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.

		VARIABLE REVENUE	SERVICE CHARGE REVENUE		CALCULATE DISTRIE	RETAIL	DISTRIBUTION
RESIDENTIAL CLASS REVENUE REVENUE SHARE	\$ 6,688,051.56	\$ 2,608,340.11 0.390		ı	REVENUE \$ A	KW B	KW RATE C=A/B
(A) SENTINEL LIGHT REVENUE (B) REVENUE SHARE (C) (A)*(B)	\$ (10,707.47)	0.390 \$ (4,175.91)			\$ (4,175.91)	0	#DIV/0!
SENTINEL LIGHT MONTHLY SERVICE CHARGE	DISTRIBUTION REVENUE	VARIABLE REVENUE		CONNECTIONS	MONTHLY SERVICE CHARGE \$/MONTH/CONNECT	ION	
MONTHLY SERVICE CHARGE	A \$ (10,707.47)	\$ (4,175.91)			E=C/D/12 (\$11.8325)		
SENTINEL LIGHT COST OF POWER RATES							
	WINTER PEAK (KW)	SUMMER PEAK (KW)	PEAK (KWH)	PEAK (KWH)	SUMMER PEAK (KWH)	SUMMER OFF PEAK (KWH)	
(A) COP\$	1 \$3,236	2 \$411	! 3 \$2,064	\$2,686	5 \$764	6 \$1,5 4 7	
(B) WINTER/SUMMER COP\$	1+3+4 \$7,986	2+5+6 \$2,721	I				
(C) RETAIL KW	0	0)				
(D) KW RATE (B)/(C)	#DIV/0!	#DIV/0I					

GENERAL SERVICE

NON TIME OF USE <50 KW

CALCULATE REVENUE REQUIREMENT				
	SALES	N I	BLOCK	REVENUE
	BLOC	K	RATE	REQUIREMENT
				\$
SERVICE CHARGE				\$ -
ENERGY	KW	H	\$/KWH	
FIRST 250 KWH	8,102,09	2	0.1230	996,557
NEXT 12250 KWH	87,170,90	8	0.0774	6,747,028
NEXT BLOCK	1,019,01	2	0.0564	57,472
BALANCE KWH		0	0.0000	0
MINIMUM BILLS		0		o
SUBTOTAL	96,292,01	2		7,801,058
DEMAND	ĸw	s/kW		
FIRST 50 KW	52,62	:6	0.0000	0
SUBTOTAL	52,62			ō
TOTAL				7,801,058

NON TIME OF USE <50 KW

CALCULATE DISTRIBUTION REVENUE REQUIREMENT

COST OF DISTRIBUTION
ANNUAL POWER REVENUE
REVENUE TOTAL

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	VAR	RIABLE	SE	RVICE		CALCULATE DIS	STRIBU	ITION DEM	AND (KWH) RAT
	REVENUE	REV	/ENUE	СН	ARGE					
				RE	VENUE		VARIABLE REVENUE		RETAIL KWH	DISTRIBUTION KWH RATE
RESIDENTIAL CLASS REVENUE REVENUE SHARE	\$ 6,688,051.56	\$ 2	2,608,340.11 0.390	\$	4,079,711.45 0.610		\$ A		В	C=A/B
					*****		\$ 1,193,906.60	9	6,292,012	\$0.0124
(A) <50 KW CLASS REVENUE	\$ 1,483,113.79									
(B) REVENUE SHARE			0.805	_	0.195					
(C) (A)*(B)		\$ 1	1,193,906.60	\$	289,207.19					
<50 KW CLASS MONTHLY SERVICE CHARGE										
	DISTRIBUTION	ŧ	VARIABLE		SERVICE	NUMBER OF	MONTHLY			
	REVENUE	=	REVENUE		CHARGE	CUSTOMERS	SERVICE CHARG			
	\$		\$		REVENUE \$		\$MONTH/CUSTO	OMER		
	j		В		C=A-B	D	E=C/D/12			
MONTHLY SERVICE CHARGE	\$ 1,483,113.79		_	\$	289.207.19	2922	\$8,2480			
NOTE: FOR TIME OF USE CUSTOMERS, THERE ADDITIONAL CHARGE OF \$5.50 PER METI IF THE CHARGE FOR YOUR UTILITY DIFF	ER PER MONTH AND	WILL.	BE SHOWN A	AS A	SEPARATE CH					
	ER PER MONTH AND ERS FROM THIS, USE COST OF	WILL YOU	BE SHOWN A R UTILITY SP ANNUAL	AS A PECI	SEPARATE CH	IARGE.	F POWER RATE			
ADDITIONAL CHARGE OF \$5.50 PER METI IF THE CHARGE FOR YOUR UTILITY DIFF	ER PER MONTH AND ERS FROM THIS, USE COST OF POWER	WILL YOU :	BE SHOWN A R UTILITY SP ANNUAL KWH	AS A	SEPARATE CH	IARGE.	\$/KVVH			
ADDITIONAL CHARGE OF \$5.50 PER METI IF THE CHARGE FOR YOUR UTILITY DIFF	ER PER MONTH AND ERS FROM THIS, USE COST OF	WILL YOU	BE SHOWN A R UTILITY SP ANNUAL	AS A PECI	SEPARATE CH	IARGE.				
ADDITIONAL CHARGE OF \$5.50 PER METI IF THE CHARGE FOR YOUR UTILITY DIFF <50 KW COST OF POWER RATE	ER PER MONTH AND ERS FROM THIS, USE COST OF POWER F	WILL YOU	BE SHOWN A R UTILITY SP ANNUAL KWH G	AS A PECI	SEPARATE CH	IARGE.	\$/KWH H=F/G			
ADDITIONAL CHARGE OF \$5.50 PER METI IF THE CHARGE FOR YOUR UTILITY DIFF < 50 KW COST OF POWER RATE COP KWH RATE	ER PER MONTH AND ERS FROM THIS, USE COST OF POWER F	WILL. EYOU E	BE SHOWN A R UTILITY SP ANNUAL KWH G	AS A	SEPARATE CH	IARGE.	\$/KWH H=F/G 0.0656		SUMMER	
ADDITIONAL CHARGE OF \$5.50 PER METI IF THE CHARGE FOR YOUR UTILITY DIFF < 50 KW COST OF POWER RATE COP KWH RATE	ER PER MONTH AND ERS FROM THIS, USE COST OF POWER F \$ 6,317,944.08	WILL YOU E	BE SHOWN A R UTILITY SP ANNUAL KWH G 98,292,012	AS A	SEPARATE CH FIC CHARGE.	IARGE. COST O	\$/KWH H=F/G 0.0656 SUMMER PEAK	·	SUMMER OFF-PEAK (KWH)	
ADDITIONAL CHARGE OF \$5.50 PER METI IF THE CHARGE FOR YOUR UTILITY DIFF < 50 KW COST OF POWER RATE COP KWH RATE <50 KW CLASS TIME OF USE RATES	ER PER MONTH AND ERS FROM THIS, USE COST OF POWER F \$ 6,317,944.08	WILL. EYOU E	BE SHOWN A R UTILITY SP ANNUAL KWH G 96,292,012 SUMMER	AS A PECI	WINTER PEAK (KWH) 1,858,103.74	COST O WINTER OFF-PEAK (KWH) \$ 939,878.50	\$/KWH H=F/G 0.0656 SUMMER PEAK (KWH) \$1,110,232.89	\$ 4	OFF-PEAK (KWH) 12,658.92	
ADDITIONAL CHARGE OF \$5.50 PER METI IF THE CHARGE FOR YOUR UTILITY DIFF < 50 KW COST OF POWER RATE COP KWH RATE <50 KW CLASS TIME OF USE RATES (A) COP \$ (B) TOTAL COP/TOU PERIOD \$	ER PER MONTH AND ERS FROM THIS, USE COST OF POWER F \$ 6,317,944.08 WINTER PEAK (KW)	WILL. EYOU E	BE SHOWN A R UTILITY SP ANNUAL KWH G 96,292,012 SUMMER PEAK (KW)	AS A PECI	WINTER PEAK (KWH) 1,858,103.74 3,110,347.20	WINTER OFF-PEAK (KWH) \$ 939,878.50	\$/KWH H=F/G 0.0656 SUMMER PEAK (KWH) \$1,110,232.89 \$1,855,059.47	\$ 4°	OFF-PEAK (KWH) 12,658.92 12,658.92	
ADDITIONAL CHARGE OF \$5.50 PER METI IF THE CHARGE FOR YOUR UTILITY DIFF < 50 KW COST OF POWER RATE COP KWH RATE <50 KW CLASS TIME OF USE RATES (A) COP \$ (B) TOTAL COP/TOU PERIOD \$ (C) WHOLESALE KWH	ER PER MONTH AND ERS FROM THIS, USE COST OF POWER F \$ 6,317,944.08 WINTER PEAK (KW)	WILL. EYOU E	BE SHOWN A R UTILITY SP ANNUAL KWH G 96,292,012 SUMMER PEAK (KW)	AS A PECI	WINTER PEAK (KWH) 1,858,103.74 3,110,347.20 30,616,589	WINTER OFF-PEAK (KWH) \$ 939,878.50 28,153,413	\$/KWH H=F/G 0.0656 SUMMER PEAK (KWH) \$1,110,232.89 \$1,855,059.47 22,148,802	\$ 4°	OFF-PEAK (KWH) 12,658.92 12,658.92 18,003,939	
ADDITIONAL CHARGE OF \$5.50 PER METI IF THE CHARGE FOR YOUR UTILITY DIFF < 50 KW COST OF POWER RATE COP KWH RATE <50 KW CLASS TIME OF USE RATES (A) COP \$ (B) TOTAL COP/TOU PERIOD \$ (C) WHOLESALE KWH (D) SYSTEM LOSS ADJUSTMENT	ER PER MONTH AND ERS FROM THIS, USE COST OF POWER F \$ 6,317,944.08 WINTER PEAK (KW)	WILL. EYOU E	BE SHOWN A R UTILITY SP ANNUAL KWH G 96,292,012 SUMMER PEAK (KW)	AS A PECI	WINTER PEAK (KWH) 1,858,103,74 3,110,347,20 30,616,589 1,027	WINTER OFF-PEAK (KWH) \$ 939,878.50 939,878.50 28,153,413 1.027	\$/KWH H=F/G 0.0656 SUMMER PEAK (KWH) \$1,110,232.89 \$1,855,059.47 22,148,802 1.027	\$ 4°	OFF-PEAK (KWH) 12,658.92 12,658.92 18,003,939 1.027	
ADDITIONAL CHARGE OF \$5.50 PER METI IF THE CHARGE FOR YOUR UTILITY DIFF < 50 KW COST OF POWER RATE COP KWH RATE	ER PER MONTH AND ERS FROM THIS, USE COST OF POWER F \$ 6,317,944.08 WINTER PEAK (KW)	WILL. EYOU E	BE SHOWN A R UTILITY SP ANNUAL KWH G 96,292,012 SUMMER PEAK (KW)	AS A PECI	WINTER PEAK (KWH) 1,858,103.74 3,110,347.20 30,616,589	WINTER OFF-PEAK (KWH) \$ 939,878.50 28,153,413	\$/KWH H=F/G 0.0656 SUMMER PEAK (KWH) \$1,110,232.89 \$1,855,059.47 22,148,802 1.027	\$ 4°	OFF-PEAK (KWH) 12,658.92 12,658.92 18,003,939	

NON-TIME OF USE >50 KW

CALCULATE REVENUE REQUIREMENT

BLOCK	BLOCK	RATE	REQUIREMENT
SERVICE CHARGE			\$0.00
ENERGY FIRST 250 KWH NEXT 12250 KWH	KWH 3,323,834 94,454,798	\$/KWH 0.1230 0.0774	\$ 408,831.58 \$ 7,310,801.37
NEXT BLOCK BALANCE KWH MINIMUM BILLS SUBTOTAL	465,280,811 5,742,875 1,774 588,804,092	0.0564 0.0354	\$26,241,837.74 \$ 203,297.78 \$13,555.00 \$34,178,323.46
DEMAND FIRST 50 KW NEXT BLOCK BALANCE KW MINIMUM BILLS SUBTOTAL	KW 293,127 1,094,950 0 0 1,388,077	\$/KW 0.0000 5.2500 0.0000	\$ 5,748,487.50 \$ - \$ 0.00 \$ 5,748,487.50
TOTAL			\$39,926,810.96

NON-TIME OF USE >50 KW

CALCULATE DISTRIBUTION REVENUE REQUIREMENT

	COST OF	DISTRIBUTION
ANNUAL	POWER	REVENUE
REVENUE	TOTAL	

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 DISTRIB VARIABLE REVENUE	UTION DEM. RETAIL KW	DISTRIBUTION	N
RESIDENTIAL CLASS REVENUE	\$ 6,888,051.56	\$ 2,608,340.11	\$ 4,079,711.45		\$		KW RATE	
REVENUE SHARE		0.390	0.610		A \$ 2,164,071.26	B 1,388,077	C=A/E \$ 1.5590	
(A) NON-TIME OF USE >50 KW REVENUE (B) REVENUE SHARE (C) (A)*(B)	\$ 3,606,785.43	0.600 \$ 2,164,071.26	*****		4 - 1.0 1,0 1 1.00	(,000,0)		
NON-TIME OF USE >50 KW MONTHLY SERVICE CHA	RGE							
	DISTRIBUTION REVENUE	REVENUE	CHARGE REVENUE	NUMBER OF CUSTOMERS	MONTHLY SERVICE CHARGE \$/MONTH/CUSTOMER			
	\$ A	\$ B		D	E=C/D/12			
MONTHLY SERVICE CHARGE		\$ 2,164,071.26		693	\$173.4866			
NON-TIME OF USE > 50 KW COST OF POWER RATES	3							
	WINTER			WINTER OFF	SUMMER	SUMMER		
	PEAK (KW) 1	. —	(KWH)	PEAK (KWH)	PEAK (KWH) 5	OFF PEAK (KWH)		
(A) NON TIME OF USE COP \$ (B) TOTAL DEMAND COST 1+2 (C) TOTAL ENERGY COST 3+4+5+6	\$ 5,994,039.83 \$ \$	\$ 5,165,649.34 \$11,159,689.16 \$25,160,336.37	\$ 9,796,239.11	\$4,938,544.19	\$7,595,630.58	2,829,922		
(D) TOTAL KW SALES (E) TOTAL KWH SALES	KW KWH	1,388,077 568,804,092					•	
(F) COP KW RATE (B)/(D) (G) COP KWH RATE (C)/(E)	\$/KWH	8.0397 0.0442						

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	47,924,784	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	\$ 1,446,690.57
SUMMER PEAK FIRST BLOCK	27,800	0.1476	\$ 4,103.28
SUMMER PEAK NEXT BLOCK	698,896	0.1036	\$ 72,405.83
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	ĸw	\$/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

	COST OF	DIS	STRIBUTION
ANNUAL	POWER		REVENUE
REVENUE	TOTAL		
A	В		C=A-B
£ 12 221 700 02	£44 £40 007	•	200 200 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 TIME OF USE SUB-CLASS AS THOSE CALCULATED FOR THE RESIDENTIAL CLASS.

	DISTRIBUTION REVENUE		RIABLE VENUE	СН	RVICE IARGE VENUE	CALCULATE I		MAND (KW) RATE
				111	VLJ40L			
RESIDENTIAL CLASS REVENUE	e 0.000.054.50		0.000.040.44		4.000.004.4.0	REVENU	E KV	KWRATE
	\$ 6,688,051.56	Þ	2,608,340.11		4,079,711.45		\$	
REVENUE SHARE			0.390		0.610		A E	C=A/B
						\$ 527,086.78	406,126	1.2978
(A) TIME OF USE REVENUE	\$ 702,782.33							
(B) REVENUE SHARE			0.750		0.250			
(C) (A)*(B)		\$	527,086.75		175,695.58			
TIME OF USE MONTHLY SERVICE CHARGE								
TIME OF USE MORTHLY SERVICE CHARGE								
	DISTRIBUTION		VARIABLE		SERVICE	NUMBER OF MONTHLY		
	REVENUE	:	REVENUE		CHARGE	CUSTOMERS SERVICE CHA	RGE	
•					REVENUE	\$/MONTH/CUS	TOMER	
	\$;	\$		\$,		
	À		B		C=A-B	D E≠C/D/1	2	
MONTHLY SERVICE CHARGE	\$ 702.782.33		527,086.75	\$	175,695,58	33 \$443.8757		

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.

TIME OF USE COST OF POWER RATES	WINTER PEAK (KW) 1	PEAK (KW)	PEAK (KWH)	PEAK (KWH)		OFF PEAK (KWH)	
(A) TIME OF USE COP \$			\$ 3,084,937.27				
(B) KW SALES (C) KWH SALES	197,883	208,243	49,308,655	41,933,060	50,914,026	44,042,712	
(D) KW RATE (A)/(B) (E) KWH RATE (A)/(C)	\$ 9.76	\$ 7.15	\$0.0626	\$0.0344	\$0.0517	\$0.0236	
INTERMEDIATE USE							
CALCULATE REVENUE REQUIREMENT							
	SALES IN BLOCK		REVENUE				
	ĸw						
WINTER PEAK	0						
SUMMER PEAK SUBTOTAL	0		\$ - \$ -				
	KWH	\$/KVVH	\$				
WINTER PEAK	0		\$ -				
WINTER OFF PEAK	0	0					
SUMMER PEAK	0		\$ -				
SUMMER OFF-PEAK SUBTOTAL	0	0	\$ - \$ -				
TOTAL			\$ -				
INTERMEDIATE USE							
CALCULATE DISTRIBUTION REVENUE REQUIREMEN	ŧΤ						
	ANNUAL REVENUE		REVENUE				
•	\$ -	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.

	DISTI	RIBUTION NUE	 RIABLE VENUE	С	ERVICE HARGE EVENUE			CAL	VARIABLE	Ē	RETAI	L	ND (KW) RATE
RESIDENTIAL CLASS REVENUE REVENUE SHARE	\$ 6,	888,051.56	\$ 2,608,340.11 0.390	\$	4,079,711.45 0.610				REVENUE	5		B	C=A/B
(A) INTERMEDIATE USE REVENUE (B) REVENUE SHARE (C) (A)*(B)	\$	-	\$ 0.390 -	\$	0.610			\$	-		(0	#DIV/0I
INTERMEDIATE USE MONTHLY SERVICE CHARGE	DIS	TRIBUTION REVENUE \$	VARIABLE REVENUE \$		SERVICE CHARGE REVENUE \$		s	SER					
MONTHLY SERVICE CHARGE	\$	Ā	\$ B -	\$	C=A-B		1		E=C/D/12 \$0.0000	2			
INTERMEDIATE USE COST OF POWER RATES		WINTER PEAK (KW)	SUMMER PEAK (KW)		WINTER PEAK (KWH)	WINTER OF	K		Summer Peal (KWH	(SUMMER OFF PEAR (KWH	K	
(A) COP\$	\$	-	\$ -	\$	-	\$ -		\$	-	\$	-		
(B) KW SALES (C) RETAIL KWH SALES		0	0		0	•	0		(}	(0	
(D) KW RATE (A)/(B) (E) KWH RATE (A)/(C)	1	#DIV/0!	#DIV/0I		#DIV/0!	#DIV/01			#DiV/0!		#DIV/01		

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 540,484.70	B \$ 513,088.48	C≔A-E \$ 27,398.22

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.

		TRIBUTION ENUE		RIABLE VENUE	_	ERVICE CHARGE	CALCULATE DISTRIBU		JTION DEMAND (KW) RATE					
						REVENUE			VARIABLE REVENUE	RETAI KV		DIS	TRIBUTIO	
RESIDENTIAL CLASS REVENUE REVENUE SHARE	\$ 6	3,688,051.56	\$	2,608,340.11 0.390		4,079,711.45 0.610			\$ A		В		C=A	
(A) STREET LIGHTING REVENUE	\$	27,396.22						\$	10,684.53	21,15	4	\$	0.505	1
(B) REVENUE SHARE (C) (A)*(B)			\$	0.390 10,684.53		0.610 16,711.69								
STREET LIGHTING MONTHLY SERVICE CHARGE	DI	STRIBUTION		VARIABLE		SERVICE	NUMBER OF	MO	NTLI: V					
ONLE COMMON THE SERVICE OFFICE	Di	REVENUE		REVENUE			CONNECTIONS	SEF		:				
		Α		E	3	C=A-B	, D		E=C/D/12					
MONTHLY SERVICE CHARGE	\$	27,396.22		10,684.53			10129		\$0.1375					
STREET LIGHTING COST OF POWER RATES														
		WINTER PEAK		SUMMER PEAK	(WINTER PEAK	WINTER OFF PEAK		SUMMER PEAK	SUMME OFF PEA	K			
		(KW)	1	(KW)		(KWH) 3	(KWH) 4		(KWH) 5		6			
(A) COP\$		\$154,946		\$19,656		\$98,961	\$128,755		\$36,627	\$74,143	3			
(B) TOTAL COP\$		\$513,088												
(C) RETAIL KW		21,154												
(D) KW RATE (B)/(C)	\$	24.25												

OR

TOTAL

STREET LIGHTING TIME OF USE

CALCULATE REVENUE REQUIREMENTS

CALCULATE DISTRIBUTION REVENUE REQUIREMENT

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

		TRIBUTION		RIABLE		ERVICE		CA	ALCULATE DIS	TRIE	BUTION DEM	AND (KW) RATE	
	RE	VENUE	RE	EVENUE		HARGE EVENUE			VARIABLE		RETAIL		
RESIDENTIAL CLASS REVENUE	5	6,688,051.56	s	2,608,340.11		A 079 711 A5			REVENUE \$		KW	KW RATE	
REVENUE SHARE	•	0,000,001.00	•	0.390		0.610			Å		В	C=A/B	
(A) STREET LIGHTING REVENUE		(542.000.40)						\$	(200,104.51)		0	#DIV/01	
(B) REVENUE SHARE	æ	(513,088.48)		0.390		0.610							
(C) (A)*(B)			\$	(200,104.51)	\$	(312,983.97)							
STREET LIGHTING MONTHLY SERVICE CHARGE	D	ISTRIBUTION		VARIABLE		SERVICE	NUMBER OF	Mo	ONTHLY				
		REVENUE		REVENUE		CHARGE	CONNECTIONS	SE	RVICE CHARG				
						REVENUE		\$/1	MONTH/CONNE	CT	ON		
		Α		В	ł	C=A-B	D	•	E=C/D/12				
MONTHLY SERVICE CHARGE	\$	(513,088.48)	\$	(200,104.51)	\$	(312,983.97)	10129	}	(\$2.5750)				
STREET LIGHTING COST OF POWER RATES													
		WINTER PEAK		SUMMER PEAK		WINTER PEAK			SUMMER		SUMMER		
		(KW)		(KW)		(KWH)			PEAK (KWH)		OFF PEAK (KWH)		
//\ aana	_	1		2		3	4	ŀ	5		6		
(A) COP\$	\$	154,946.35	\$	19,655.63	\$	98,961.41	\$ 128,755.10	\$	36,627.47	\$	74,142.52		
		1+3+4		2+5+6	;								
(B) WINTER/SUMMER COP	\$	382,662.86	\$	130,425.62									
(C) RETAIL KW		0		0	ł								
(D) KW RATE (B)/(C)		#DIV/0!		#DIV/01									
LARGE USE													
CALCULATE REVENUE REQUIREMENTS								Ç/	ALCULATE DIS	TRII	BUTION REV	ENUE REQUIREMI	ENT
		04150		D4TF									
		SALES IN BLOCK		RATE	:	REVENUE					TOTAL	COST OF	DISTRIBUTION
											REVENUE	· Ovicit	KEVEROE
WINTER PEAK		KW 176,906		\$/KW		2 400 000 40							
SUMMER PEAK		192,358				3,108,238.42 2,496,780.88					А	В	C=A-B
SUBTOTAL		369,262				5,605,019.30				\$13		\$12,971,725.64	
		KWH	l	\$/KWH									
WINTER PEAK		54,335,831		0.0463	\$	2,515,748.98							
WINTER OFF PEAK		51,207,226				1,751,287.13							
SUMMER PEAK SUMMER OFF-PEAK		56,406,060 55,128,028				2,267,523.61 1,295,508.66							
SUBTOTAL		217,077,145		0.0235		7,830,068.37							
•		,2,1,170			•	.,,							

\$13,435,087.67

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 LARGE USE CLASS AS THOSE CALCULATED FOR THE RESIDENTIAL CLASS.

	DISTRIBUTION REVENUE	VARIABLE REVENUE	SERVICE CHARGE	CALCULATE DISTRIBUTION DEMAND (KW) RATE					
			REVENUE		VARIABLE REVENUE	RETAIL KW	DISTRIBUTION KWRATE		
RESIDENTIAL CLASS REVENUE REVENUE SHARE	\$ 6,688,051.56	\$ 2,608,340.11 0.396		,	\$ A \$ 440,193.93	B 369.262	C=A/B \$1.1921		
(A) LARGE USE REVENUE (B) REVENUE SHARE (C) (A)*(B)	\$ 463,362.03	0.956 \$ 440,193.93			φ 141 0,130.33	308,202	\$1.1521		
LARGE USE MONTHLY SERVICE CHARGE									
	distribution Revenui	E REVENUI	CHARGE REVENUE	CUSTOMERS	MONTHLY SERVICE CHARG \$/MONTH/CUSTG				
		A 1	\$ C=A-B	a	E=C/D/12				
MONTHLY SERVICE CHARGE	\$ 463,362.03	3 \$ 440,193.93	\$ 23,168.10	3	\$643.5584				
LARGE USE COST OF POWER RATES									
	WINTE PEAI (KW	K PEAI	C PEAK	PEAK	SUMMER PEAK (KWH)	SUMMER OFF PEAK (KWH)			
(A) COP \$	\$ 2,067,765.78	\$ 1,682,999.59	\$ 3,342,142.63	\$1,732,596.49	\$2,865,597.07	\$ 1,280,624.09	\$12,971,725.64		
(B) KW SALES (C) RETAIL KWH SALES	176,90	6 192,35	3 54,335,831	51,207,226	56,406,060	55,128,028			
(D) KW RATE (A)/(B) (E) KWH RATE (A)/(C)	\$ 11.69	\$ 8.75	\$0.0615	\$0.0338	\$0.0508	\$0.0232			
ADDED BY GUELPH HYDRO	17779 \$ 2,078,133.48				56112888 \$2,850,703.05	54789640 \$1,272,763.34	\$12,972,232.20 463252 \$13,435,484.20		

DATE

SHEET 5 - SUMMARY OF RATES AND CHARGES

NAME OF UTILITY

Guelph Hydro Electric Systems Inc.

LICENCE NUMBER

EB-1999-0157

VERSION NUMBER

36843

NAME OF CONTACT

2

DUONE MUNICIPAL

Jim Fallis

PHONE NUMBER

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- SUMMER PEAK SUMMER OFF-

PEAK

\$/KWH

\$/KWH \$0.0885 PEAK \$/KWH

\$/KWH \$0.1144

\$0.0343

\$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- SUMMER PEAK SUMMER OFF-

PEAK \$/KWH

\$/KWH

PEAK \$/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

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- SUMMER PEAK SUMMER OFF-

PEAK

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

N/A

MONTHLY SERVICE CHARGE (PER CUSTOMER)

N/A

WINTER PEAK SUMMER PEAK WINTER PEAK

WINTER OFF- SUMMER PEAK SUMMER OFF-

N/A

COST OF POWER TIME OF USE RATES

\$/KW

S/KW

\$8.7494

\$/KWH

PEAK \$/KWH

\$/KWH

PEAK \$/KWH

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

PEAK

WINTER OFF- SUMMER PEAK SUMMER OFF-

PEAK

\$/KW \$11.6885

\$/KWH \$0.0615

\$/KWH \$0.0338

S/KWH \$0.0508

\$/KWH \$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

s/kw

N/A N/A

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

√A N/A

MISCELLANEOUS CHARGES

PI	EASE	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 meterduring regular working hours		\$20.00	\$20.00
Reconnection - at meterafter 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 regulair 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)			To be determined
Charge for SSS (per the SSSC)	N/A	14074	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

Guelph Hydro Electric Systems Inc.

SHEET 6 - RATE IMPACT ANALYSIS
NAME OF UTILITY
LICENCE NUMBER
DATE
VERSION NUMBER
NAME OF CONTACT
PHONE NUMBER

EB-1999-0157 38843

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

RESIDENTIAL CLASS												
NON-TIME OF USE	CURRENTE	RLL			UNBUNDLED E	IILL						
		кин	RATE	CHARGE								
		KVVH	\$/KWH	S S		KWH	RATE S/KWH	CHAR	GE	DOLL		IMPACT
	SERVICE		•		COST OF		4	•		COLL		
ENTER DESIRED CONSUMPTION LEVEL	CHARGE			\$ -	POWER	300	0.0867	\$	20.00			
	FIRST 250				MONTHLY DISTRIBUTION							
	KWH	25	0.1230	\$ 30.7				s	10.09			
					DISTRIBUTION	l		•				
	BALANCE	5	0.0727			300	0.0090	\$	2.71	_		
	TOTAL			\$ 34.3	OIAL			\$	32.80	\$	(1.58)	-4.6%
	CURRENT B	HLL.			UNBUNDLED 8	HLL.						
		KWH	RATE \$/KWH	CHARGE \$		KWH	RATE \$/KWH	CHAR S	GE	IMPA		IMPACT
	SERVICE		WICHTI	•	COST OF		\$07X89FT	•		DOLL	LARG	
MONTHLY CONSUMPTION OF 250 KWH	CHARGE			\$ -	POWER	250	0.0667	\$	16.67			
	FIRST 250				MONTHLY DISTRIBUTION							
	KWH	25	0.1230	\$ 30.7				\$	10.09			
					DISTRIBUTION			•	10.50			
	BALANCE	,	0.0727		KWH	250	0.0090	\$	2.26	_		
	TOTAL			\$ 30.7	5 TOTAL			\$	29.02	5	(1.73)	-5.6%
		KWH	RATE	CHARGE		KWH	RATE	CHAF	RGE	IMP/		IMPACT
	SERVICE		\$/KWH	\$	COST OF		\$/KV VH	\$		DOL	LARS	
MONTHLY CONSUMPTION OF 500 KWH	CHARGE			s -	POWER	500	0.0667	\$	33.34			
					MONTHLY			-				
	FIRST 250 KWH		0 0 100-		DISTRIBUTION	t						
	LYARLI	25	0 0.1230	\$ 30.7	5 CHARGE DISTRIBUTION			\$	10.09			
	BALANCE	25	0.0727	\$ 18.1		500	0.0090	\$	4.51			
	TOTAL			\$ 48.9	3 TOTAL			\$	47.94	\$	(0.98)	-2.0%
		KWH	RATE	CHARGE		KWH	RATE	CHAF	RGE			IMPACT
			\$/KWH	\$			\$/KWH	\$				
MONTHLY CONSUMPTION OF 750 KWH	SERVICE CHARGE			s -	COST OF POWER	750	0.0687	s	50.01			
MONTHLE CONSUME FOR OF THE RUIT	OFFICE			•	MONTHLY	/50	0.0007	•	50.01			
	FIRST 250				DISTRIBUTION	l						
	KWH	25	0.1230	\$ 30.7	5 CHARGE DISTRIBUTION			\$	10.09			
	BALANCE	50	0.0727	\$ 36.3		750	0.0090	s	6.77			
	TOTAL			\$ 67.1	0 TOTAL			\$	68.87	\$	(0.23)	-0.3%
		KWH	RATE	CHARGE		KWH	RATE	CHAF	RGE	(MP)	ACT	IMPACT
			\$/KWH	\$			\$/KWH	\$			LARS	
MONTHLY CONSUMPTION OF 1000 KWH	SERVICE				COST OF							
MONTHLY CONSUMPTION OF 1000 KMM	CHARGE			\$ -	POWER MONTHLY	1000	0.0667	\$	68.68			
	FIRST 250				DISTRIBUTION	1						
	KWH	25	0.1230	\$ 30.7				\$	10.09			
	BALANCE	75	0 0.0727	\$ 54.5	DISTRIBUTION 3 KWH	1000	0.0090	\$	9.03			
	TOTAL			\$ 85.2			0.0000	š	85.80	\$	0.52	0.6%
		KWH	RATE	CHARGE		KWH	RATE	CHAF	ece.			IMPACT
		12411	SAKWH	\$		KAALI	SAKWH	S	NGE			IMPACI
	SERVICE				COST OF		•					
MONTHLY CONSUMPTION OF 1500 KWH	CHARGE			\$ -	POWER MONTHLY	1500	0.0687	\$	100.02			
	FIRST 250				DISTRIBUTION	ı						
	KWH	25	0 0.1230	\$ 30.7	5 CHARGE			\$	10.09			
	BALANCE	40=	0 0 0707		DISTRIBUTION		0.000-		42.54			
	TOTAL	125	0 0.0727	\$ 90.8 \$ 121.6		1500	0.0090	\$ \$	13.54 123.65	5	2.02	1.7%
								-		•		
		M4= 1	DATT	OUA SOF		Man :	D		205	,		
		KWH	RATE \$/KWH	CHARGE \$		KWH	RATE S/KWH	CHA!	RGE		ACT	IMPACT
	SERVICE			•	COST OF			•		00.		
MONTHLY CONSUMPTION OF 2000 KWH	CHARGE			\$ -	POWER	2000	0.0667	\$	133.36			
	FIRST 250				MONTHLY DISTRIBUTION							
	KWH	25	0 0.1230	\$ 30.7		•		s	10.09			
					DISTRIBUTION			•				
	BALANCE	175	0.0727			2000	0.0090		18.05			
	TOTAL			\$ 157.9	OIAL			\$	161.50	\$	3.53	2.2%
		KWH	RATE	CHARGE		KWH	RATE	CHA	RGE		ACT	IMPACT
	SERVICE		\$/KWH	\$	COST OF		\$/KWH	\$		DOL	LLARS	
ANNUAL CONSUMPTION OF 20000 KWH	CHARGE			s -	POWER	20000	0.0687	\$ 1.	333.57			
	CIDAT DE				ANNUAL			,				
	FIRST 250 KWH	300	0 0.1230	\$ 369.0	DISTRIBUTION CHARGE	•		s	121.09			
					DISTRIBUTION	ł		•	· . 1.00			
	BALANCE	1700	0.0727	\$ 1,235.9	0 KWH	20000	0.0090		180.54			
	TOTAL			\$ 1,604.9	0 TOTAL			5 1,	635.21	\$	30.31	1.9%

	KWH	RATE \$/KWH	CHARGE \$	кин	RATE \$/KWH	CHARGE \$	IMPACT IMPACT DOLLARS
ANNUAL CONSUMPTION OF 30000 KWH	SERVICE CHARGE	şareren .	•	COST OF POWER 39000		\$ 2,000.36	DOLLARS
	FIRST 250 KWH 3	3000 0.1230	\$ 369.00	ANNUAL DISTRIBUTION		\$ 121.09	
			\$ 1,962.90	CHARGE DISTRIBUTION KWH 30000	0.0090	\$ 121.09 \$ 270.81	
	TOTAL		\$ 2,331.90	TOTAL		\$ 2,392.27	\$ 60.37 2.6%
GENERAL SERVICE < 50 KW							
ENTER DESIRED CONSUMPTION LEVEL	CURRENT BILL			UNBUNDLED BILL			
	SERVICE	RATE \$/KW	CHARGE \$		RATE \$/KW	CHARGE \$	IMPACT IMPACT DOLLARS
	CHARGE 1ST BLOCK		\$ -				
	50 KW	0.0000	\$ -	DISTRIBUTION			
	2ND BLOCK BALANCE	0.0000 \$/KWH	s -	KW	\$/KWH	\$ -	
	1ST BLOCK 250 KWH	250 0.1230	\$ 30.75	COST OF POWER KWH 1749		\$ 114.76	
	NEXT BLOCK						
	12260 1 NEXT	1499 0.0774	\$ 116.02	MONTHLY DISTRIBUTION			
	BLOCK		s -	CHARGE DISTRIBUTION		\$ 8.25	
	BALANCE	0.0354		KWH 1749	0.0124		
	TOTAL 1	1749	\$ 146.77	TOTAL		\$ 144.69	\$ (2.08) -1.4%
MONTHLY CONSUMPTION 16 KW,2000 KWH	CURRENT BILL			UNBUNDLED BILL			
	KW	RATE \$/KW	CHARGE \$		RATE S/KW	CHARGE \$	IMPACT IMPACT DOLLARS
	SERVICE CHARGE 1ST BLOCK		s .				
	50 KW	10 0.0000		DISTRIBUTION			
	2ND BLOCK BALANCE	0 0.0000	· s -	ĸw		\$ -	
	1ST BLOCK 250 KWH	\$/KWH 250 0.1230	\$ 30.75	COST OF POWER KWH 2000	\$/KWH 0.0656	\$ 131.22	
	NEXT BLOCK					•	
	12250 1 NEXT	1750 0.0774	\$ 135.45	MONTHLY DISTRIBUTION			
	BLOCK		\$ -	CHARGE DISTRIBUTION		\$ 8.25	
	BALANCE	0.0354		KWH 2000	0.0124		
	TOTAL		\$ 166.20	TOTAL		\$ 184.27	\$ (1.93) -1.2%
MONTHLY CONSUMPTION 50 KW, 5000 KWH	CURRENT BILL KW	RATE	CHARGE	UNBUNDLED BILL	RATE	CHARGE	IMPACT IMPACT
	SERVICE CHARGE	\$/KW	\$ \$ -		\$/KW	\$	DOLLARS
	1ST BLOCK 50 KW	50 0.0000	•				
	2ND BLOCK			DISTRIBUTION KW		\$ -	
	BALANCE 1ST BLOCK	0 0.0000 \$/KV#H	1 \$ -	COST OF	\$/KWH		
		250 0.1230	\$ 30.75	POWER KWH 5000	0.0658	\$ 328.06	
	BLOCK	4750 0.077 4	\$ 387.65	4404777 ****			
	NEXT BLOCK		\$ -	MONTHLY DISTRIBUTION CHARGE		\$ 8.25	
	BALANCE	0.0354		DISTRIBUTION	0.0124		
	TOTAL		\$ 398.40	TOTAL		\$ 398.30	\$ (0.10) 8.0%
GENERAL SERVICE > 50 KW							
ENTER DESIRED CONSUMPTION LEVEL	CURRENT BILL			UNBUNDLED BILL			
	KW SERVICE	RATE \$/KW	CHARGE \$		RATE \$/KW	CHARGE \$	IMPACT IMPACT DOLLARS
	CHARGE 1ST BLOCK		s -	COST OF			
	50 KW	50 0.0000		POWER KW 50 DISTRIBUTION			
	2ND BLOCK BALANCE	5.2500 0.0000 \$AKWH		KW 50	1.5590 \$/KWH	\$ 77.95	
	1ST BLOCK 250 KWH	250 0.1230	\$ 30.75	COST OF POWER KWH 20000	\$/KVVH 0.0442	\$ 884.67	\$ 853.92 2777.0%
	NEXT BLOCK					**	
	12250 12 NEXT	2250 0.0774	\$ 948.15	MONTHLY DISTRIBUTION			
		7500 0.0584 0.0354		CHARGE		\$ 173.49	
	TOTAL 20	0000	\$ 1,401.90	TOTAL		\$ 1,538.10	\$ 136.20 9.7%

MONTHLY CONSUMPTION 100KW,20000KWH	CURRENT BII	ı					UNBUNDLED BILL						
		KW	RATE		ARGE				RATE	CHARGE	IMPACT		CT
	SERVIÇE		\$/KW	\$					\$/KW	\$	DOLLA	ts	
	CHARGE			\$	•								
	1ST BLOCK 50 KW	50	0.0000	\$	-		COST OF POWER KW	100	8.0397	\$ 803.9	7		
	2ND BLOCK	50	E 2500		202.50		DISTRIBUTION						
	BALANCE	50	5.2500 0.0000		282.50		KW	100	1.5590	\$ 155.9	Ю		
	1ST BLOCK		SAKWH						\$/KWH				
	250 KWH	250	0.1230	\$	30.75		COST OF POWER KWH	20000	0.0442	\$ 884.5	17		
	NEXT BLOCK												
	12250	12250	0.0774	\$	948.15								
	NEXT						MONTHLY DISTRIBUTION						
	BLOCK	7500	0.0584		423.00		CHARGE			\$ 173.4	19		
	BALANCE		0.0354	\$	-								
	TOTAL			\$	1,664.40		TOTAL			\$ 2,018.0	3 \$ 353	.63 21	1.2%
MONTHLY CONSUMPTION 100KW,30000KWH	CURRENT BII	KW KW	RATE		ARGE		UNBUNDLED BILL						
		N. IV	\$/KW	\$	ARGE				RATE \$/KW	CHARGE \$	IMPACT DOLLAI		ACT
	SERVICE CHARGE			\$									
	1ST BLOCK			•	-		COST OF						
	50 KW	50	0.0000	\$	•		POWER KW DISTRIBUTION	100	8.0397	\$ 803.9	7		
	2ND BLOCK	50	5.2500	\$	262.50		KW	100	1.5590	\$ 155.9	10		
	BALANCE		0.0000 \$/KWH	\$	•				\$/KWH				
	1ST BLOCK	254			20.75		COST OF POWER KWH						
	250 KWH NEXT	250	0.1230	÷	30.75		FOWER RWH	30000	U.U442	\$ 1,327.0	"		
	BLOCK 12250	12250	0.0774	•	948.15								
		,2230	5.0114	•	37V. 10		MONTHLY						
	NEXT BLOCK	17500	0.0584	\$	987.00		DISTRIBUTION CHARGE			\$ 173.4	ıa		
	BALANCE		0.0354	\$	-					• 110.4			
	TOTAL			\$	2,228.40		TOTAL			\$ 2,480.3	7 \$ 231	.97 10	0.4%
MONTHLY CONSUMPTION 100KW,40000KWH	CURRENT BIL						UNBUNDLED BILL						
		KW	RATE \$/KW	\$	ARGE				RATE \$/KW	CHARGE \$	IMPACT DOLLA		ACT
	SERVICE CHARGE			5									
	1ST BLOCK				-		COST OF						
	50 KW	50	0.0000	\$	•		POWER KW DISTRIBUTION	100	8.0397	\$ 803.9	7		
	2ND BLOCK BALANCE	50	5.2500 0.0000		262.50		KW	100	1.5590	.\$ 155.9	0		
			\$/KWH	•	•				\$/KWH				
	1ST BLOCK 250 KWH	250	0.1230	s	30.75		COST OF POWER KWH	40000	0.0442	\$ 1,769.3	16		
	NEXT BLOCK			•				,,,,,,	0.0-1-12	1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
	12250	12250	0.0774	\$	948.15								
	NEXT						MONTHLY DISTRIBUTION						
	BLOCK	27500			1,551.00		CHARGE			\$ 173.4	19		
	BALANCE		0.0354	\$	-								
	TOTAL	40000		\$	2,792.40		TOTAL.			\$ 2,902.7	1 \$ 110	31 4	4.0%
MONTHLY CONSUMPTION 500KW,150000KWH	CURRENT BIL	KW.	RATE	СН	ARGE		UNBUNDLED BILL		RATE	CHARGE	IMPACT	IMPA	ст
	SERVICE		\$AKW	\$					\$/KW	\$	DOLLAI		
	CHARGE			\$	-								
	1ST BLOCK 50 KW	50					COST OF						
		50	0.0000	S	-		POWER KW	500	8.0397	\$ 4.019.8	14		
	JAID BY OCK						POWER KW DISTRIBUTION			\$ 4,019.8			
	2ND BLOCK BALANCE	450	5.2500 0.0000	\$:	- 2,362.50		POWER KW	500	1.5590	\$ 4,019.8 \$ 779.5			
			5.2500	\$:	2,362.50		POWER KW DISTRIBUTION	500					
	BALANCE 1ST BLOCK 250 KWH		5.2500 0.0000	\$:	2,362.50		POWER KW DISTRIBUTION KW	500	1.5590 \$/KWH		2		
	BALANCE 1ST BLOCK 250 KWH NEXT BLOCK	450 250	5.2500 0.0000 \$/KWH 0.1230	\$ 5	2,362.50 - - 0.75		POWER KW DISTRIBUTION KW	500	1.5590 \$/KWH	\$ 779.5	2		
	BALANCE 1ST BLOCK 250 KWH NEXT	450	5.2500 0.0000 \$/KWH 0.1230	\$ 5	2,362.50		POWER KW DISTRIBUTION KW COST OF POWER KWH	500	1.5590 \$/KWH	\$ 779.5	2		
	BALANCE 1ST BLOCK 250 KWH NEXT BLOCK 12250 NEXT	450 250 12250	5.2500 0.0000 \$/KWH 0.1230 0.0774	\$ 5	2,382.50		POWER KW DISTRIBUTION KW COST OF POWER KWH MONTHLY DISTRIBUTION	500	1.5590 \$/KWH	\$ 779.5 \$ 6,635.0	16		
	BALANCE 1ST BLOCK 250 KWH NEXT BLOCK 12250	450 250	5.2500 0.0000 \$/KWH 0.1230 0.0774	\$: \$:	2,362.50 - - 0.75		POWER KW DISTRIBUTION KW COST OF POWER KWH	500	1.5590 \$/KWH	\$ 779.5	16		
	BALANCE 1ST BLOCK 250 KWH NEXT BLOCK 12250 NEXT BLOCK BALANCE	250 12250 137500	5.2500 0.0000 \$/KWH 0.1230 0.0774	\$ \$ \$ \$	2,382.50 - - - - - - - - - - - - - - - - - - -		POWER KW DISTRIBUTION KW COST OF POWER KWH MONTHLY DISTRIBUTION CHARGE	500	1.5590 \$/KWH	\$ 779.5 \$ 6,635.0 \$ 173.4		£1	A EQU
	BALANCE 1ST BLOCK 250 KWH NEXT BLOCK 12250 NEXT BLOCK	450 250 12250	5.2500 0.0000 \$/KWH 0.1230 0.0774	\$ \$ \$ \$	2,362.50 0.75 948.15 7,755.00		POWER KW DISTRIBUTION KW COST OF POWER KWH MONTHLY DISTRIBUTION	500	1.5590 \$/KWH	\$ 779.5 \$ 6,635.0		51 4	4.5%
MONTHLY CONSUMPTION SOOKW,200006KWH	BALANCE 1ST BLOCK 250 KWH NEXT BLOCK 12250 NEXT BLOCK BALANCE TOTAL CURRENT BIL	450 250 12250 137500 150000	5.2500 0.0000 \$XXVH 0.1230 0.0774 0.0584 0.0354	\$ 5 S S S S S S S S S S S S S S S S S S	2,382.50 		POWER KW DISTRIBUTION KW COST OF POWER KWH MONTHLY DISTRIBUTION CHARGE	500 150000	1.5590 \$/KWH	\$ 779.5 \$ 6,635.0 \$ 173.4		51 4	4.5%
MONTHLY CONSUMPTION \$00KW,200006KWH	BALANCE 1ST BLOCK 250 KWH NEXT BLOCK 12250 NEXT BLOCK BALANCE TOTAL CURRENT BIL	250 12250 137500 150000	5.2500 0.0000 \$/KWH 0.1230 0.0774 0.0564 0.0354	\$: \$: \$: \$: \$: \$: CH.	2,382.50 - - - - - - - - - - - - - - - - - - -		POWER KW DISTRIBUTION KW COST OF POWER KWH MONTHLY DISTRIBUTION CHARGE TOTAL	500	1.5590 \$/KWH 0.0442	\$ 779.5 \$ 6,635.0 \$ 179.4 \$ 11,607.9	12 16 11 \$ 511 HMPACT	MPA	
MONTHLY CONSUMPTION SOCKW, 200000KWH	BALANCE 1ST BLOCK 250 KWH NEXT BLOCK 12250 NEXT BLOCK BALANCE TOTAL CURRENT BIL SERVICE	450 250 12250 137500 150000	5.2500 0.0000 \$XXVH 0.1230 0.0774 0.0584 0.0354	\$ \$ \$ \$ \$ \$ \$ CH.	2,382.50 0.75 948.15 7,755.00 1,096.40		POWER KW DISTRIBUTION KW COST OF POWER KWH MONTHLY DISTRIBUTION CHARGE TOTAL	500	1.5590 \$/KWH 0.0442	\$ 779.5 \$ 6,635.0 \$ 173.4 \$ 11,607.9	19. 19. 11. \$ 511	MPA	
MONTHLY CONSUMPTION SOCKW,200006KWH	BALANCE 1ST BLOCK 250 KWH NEXT BLOCK 12250 NEXT BLOCK BALANCE TOTAL CURRENT BIL SERVICE CHARGE 1ST BLOCK	450 250 12250 137500 150000	5.2500 0.0000 \$/KWH 0.1230 0.0774 0.0564 0.0354	\$: \$: \$: \$: \$: \$: CH.	2,382.50 		POWER KW DISTRIBUTION KW COST OF POWER KWH MONTHLY DISTRIBUTION CHARGE TOTAL	500	1.5590 \$/KWH 0.0442	\$ 779.5 \$ 6,635.0 \$ 179.4 \$ 11,607.9	12 16 11 \$ 511 HMPACT	MPA	
MONTHLY CONSUMPTION SOOKW,200006KWH	BALANCE 1ST BLOCK 250 KWH NEXT BLOCK 12250 NEXT BLOCK BALANCE TOTAL CURRENT BIL SERVICE CHARGE	450 250 12250 137500 150000	5.2500 0.0000 \$/KWH 0.1230 0.0774 0.0564 0.0354	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,382.50 0.75 948.15 7,755.00 1,096.40		POWER KW DISTRIBUTION KW COST OF POWER KWH MONTHLY DISTRIBUTION CHARGE TOTAL UNBUNDLED BILL COST OF POWER KW	500	1.5590 \$/KWH 0.0442 RATE \$/KW	\$ 779.5 \$ 6,635.0 \$ 179.4 \$ 11,607.9	19 . 11 \$ 511 IMPACT	MPA	
MONTHLY CONSUMPTION \$00KW,200006KWH	BALANCE 1ST BLOCK 250 KWH NEXT BLOCK 12250 NEXT BLOCK BALANCE TOTAL CURRENT BIL SERVICE CHARGE 1ST BLOCK 20 KW 2ND BLOCK	450 250 12250 137500 150000	5.2500 0.0000 \$XWWH 0.1230 0.0774 0.0584 0.0354 RATE \$XWW	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,382.50 948.15 7,755.00 1,096.40 ARGE		POWER KW DISTRIBUTION KW COST OF POWER KWH MONTHLY DISTRIBUTION CHARGE TOTAL UNBUNDLED BILL COST OF	500	1.5590 \$/KWH 0.0442 RATE \$/KW	\$ 779.5 \$ 6,635.0 \$ 173.4 \$ 11,807.9 CHARGE \$	19 . 11 \$ 611 HMPACT DOLLAI	MPA	
MONTHLY CONSUMPTION 500KW,200006KWH	BALANCE 1ST BLOCK 1250 KWH NEXT BLOCK 12250 NEXT BLOCK BALANCE TOTAL CURRENT BIL SERVICE CHARGE 1ST BLOCK 50 KW	450 250 12250 137500 150000 L KW	5.2500 0.0000 \$XXWH 0.1230 0.0774 0.0564 0.0354 RATE \$XXW	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,382.50 0.75 948.15 7,755.00 1,096.40 ARGE		POWER KW DISTRIBUTION KW COST OF POWER KWH MONTHLY DISTRIBUTION CHARGE TOTAL UNBUNDLED BILL COST OF POWER KW DISTRIBUTION	500 500 500	1.5590 \$XXVM 0.0442 RATE \$XXV 8.0397 1.5590	\$ 779.5 \$ 6,635.0 \$ 173.4 \$ 11,807.9 CHARGE \$	19 . 11 \$ 611 HMPACT DOLLAI	MPA	
MONTHLY CONSUMPTION 500KW,200006KWH	BALANCE 1ST BLOCK 250 KWH NEXT BLOCK 12250 NEXT BLOCK BALANCE TOTAL CURRENT BIL SERVICE CHARGE 1ST BLOCK 50 KW 2ND BLOCK BALANCE 1ST BLOCK	450 250 12250 137500 150000 L KW	5.2500 0.0000 \$XXWH 0.1230 0.0774 0.0584 0.0354 RATE \$XXW	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,382.50 948.15 7,755.00 1,096.40 ARGE	হ	POWER KW DISTRIBUTION KW COST OF POWER KWH MONTHLY DISTRIBUTION CHARGE TOTAL UNBUNDLED BILL COST OF POWER KW DISTRIBUTION KW COST OF	500 150000 500 500	1.5590 \$/KWH 0.0442 RATE \$/KW 8.0397 1.5590	\$ 779.5 \$ 6,635.0 \$ 173.4 \$ 11,607.9 CHARGE \$ 779.5	19 \$ 611 IMPACT DOLLAI	MPA	
MONTHLY CONSUMPTION SOCKW, 200006KWH	BALANCE 1ST BLOCK 250 KWH NEXT BLOCK 12250 NEXT BLOCK BALANCE TOTAL CURRENT BIL SERVICE CHARGE 1ST BLOCK 50 KW 2ND BLOCK BALANCE 1ST BLOCK 250 KWH NEXT	450 250 12250 137500 150000 L KW	5.2500 0.0000 \$XXWH 0.1230 0.0774 0.0564 0.0354 RATE \$XXW	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,382.50 948.15 7,755.00 1,096.40 ARGE	হ	POWER KW DISTRIBUTION KW COST OF POWER KWH MONTHLY DISTRIBUTION CHARGE TOTAL UNBUNDLED BILL COST OF POWER KW DISTRIBUTION KW COST OF	500 150000 500 500	1.5590 \$/KWH 0.0442 RATE \$/KW 8.0397 1.5590	\$ 779.5 \$ 6,635.0 \$ 173.4 \$ 11,807.9 CHARGE \$	19 \$ 611 IMPACT DOLLAI	MPA	
MONTHLY CONSUMPTION SOOKW, 200000KWH	BALANCE 1ST BLOCK 250 KWH NEXT BLOCK 12250 NEXT BLOCK BALANCE TOTAL CURRENT BIL SERVICE CHARGE 1ST BLOCK 50 KW 2ND BLOCK BALANCE 1ST BLOCK	450 250 12250 137500 150000 150000 450 450	5.2500 0.0000 \$XCWH 0.1230 0.0774 0.0564 0.0354 RATE \$XCW 0.0000 5.2500 0.0000 \$XCWH 0.1230	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,362.50 948.15 7,755.00 1,096.40 ARGE	হ	POWER KW DISTRIBUTION KW COST OF POWER KWH MONTHLY DISTRIBUTION CHARGE TOTAL UNBUNDLED BILL COST OF POWER KW DISTRIBUTION KW COST OF	500 150000 500 500	1.5590 \$/KWH 0.0442 RATE \$/KW 8.0397 1.5590	\$ 779.5 \$ 6,635.0 \$ 173.4 \$ 11,607.9 CHARGE \$ 779.5	19 \$ 611 IMPACT DOLLAI	MPA	
MONTHLY CONSUMPTION SOCKW, 200006KWH	BALANCE 1ST BLOCK 250 KWH NEXT BLOCK 12250 NEXT BLOCK BALANCE TOTAL CURRENT BIL SERVICE CHARGE 1ST BLOCK 50 KW 2ND BLOCK BALANCE 1ST BLOCK BALANCE 1ST BLOCK 12250	450 250 12250 137500 150000 L KW	5.2500 0.0000 \$XCWH 0.1230 0.0774 0.0564 0.0354 RATE \$XCW 0.0000 5.2500 0.0000 \$XCWH 0.1230	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,382.50 948.15 7,755.00 1,096.40 ARGE	5	POWER KW LOST OF POWER KWH MONTHLY DISTRIBUTION CHARGE TOTAL UNBUNDLED BILL COST OF POWER KWH COST OF POWER KW KWH COST OF POWER KWH MONTHLY MONTHLY MONTHLY MONTHLY MONTHLY	500 150000 500 500	1.5590 \$/KWH 0.0442 RATE \$/KW 8.0397 1.5590	\$ 779.5 \$ 6,635.0 \$ 173.4 \$ 11,607.9 CHARGE \$ 779.5	19 \$ 611 IMPACT DOLLAI	MPA	
MONTHLY CONSUMPTION SOOKW,200006KWH	BALANCE 1ST BLOCK 250 KWH NEXT BLOCK 12250 NEXT BLOCK BALANCE TOTAL CURRENT BIL SERVICE CHARGE 1ST BLOCK 50 KW 2ND BLOCK BALANCE 1ST BLOCK 1ST BLOCK 1ST BLOCK 1ST BLOCK 1ST BLOCK 12250 NEXT BLOCK 12250	450 250 12250 137500 150000 150000 450 450	5.2500 0.0000 \$XKWH 0.1230 0.0774 0.0584 0.0354 RATE \$XKW 0.0000 5.2500 0.0000 \$XKWH 0.1230	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,362.50 948.15 7,755.00 1,096.40 ARGE	হ	POWER KW COST OF POWER KWH MONTHLY DISTRIBUTION CHARGE TOTAL UNBUNDLED BILL COST OF POWER KW DISTRIBUTION KW COST OF POWER KW COST OF POWER KW COST OF POWER KW COST OF POWER KW COST OF POWER KW COST OF POWER KWH	500 150000 500 500	1.5590 \$/KWH 0.0442 RATE \$/KW 8.0397 1.5590	\$ 779.5 \$ 6,635.0 \$ 179.4 \$ 11,607.9 CHARGE \$ 779.5 \$ 8,848.7	19 S 611 IMPACT DOLLAI	MPA	
MONTHLY CONSUMPTION SOOKW, 200000KWH	BALANCE 1ST BLOCK 250 KWH NEXT BLOCK 12250 NEXT BLOCK BALANCE TOTAL CURRENT BIL SERVICE CHARGE 1ST BLOCK BALANCE BALANCE 1ST BLOCK BALANCE	450 250 12250 137500 150000 150000 450 250	5.2500 0.0000 \$XKWH 0.1230 0.0774 0.0584 0.0354 RATE \$XKW 0.0000 5.2500 0.0000 \$XKWH 0.1230	\$ 5 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5	2,382,50 948.15 7,755.00 1,096.40 ARGE 2,382,50 30.75	হ	POWER KW LOST OF POWER KWH MONTHLY DISTRIBUTION CHARGE TOTAL UNBUNDLED BILL COST OF POWER KW DISTRIBUTION KW COST OF POWER KW DISTRIBUTION KW MONTHLY DISTRIBUTION	500 150000 500 500	1.5590 \$/KWH 0.0442 RATE \$/KW 8.0397 1.5590	\$ 779.5 \$ 6,635.0 \$ 179.4 \$ 11,607.9 CHARGE \$ 779.5 \$ 8,848.7	19 S 611 IMPACT DOLLAI	MPA	
MONTHLY CONSUMPTION \$00KW,200006KWH	BALANCE 1ST BLOCK 250 KWH NEXT BLOCK 12250 NEXT BLOCK BALANCE TOTAL CURRENT BIL SERVICE CHARGE 1ST BLOCK 50 KW 2ND BLOCK BALANCE 1ST BLOCK 1ST BLOCK 1ST BLOCK 1ST BLOCK 1ST BLOCK 12250 NEXT BLOCK 12250	450 250 12250 137500 150000 150000 450 250	5.2500 0.0000 \$7KWH 0.1230 0.0774 0.0564 0.0354 RATE \$7KW 0.0000 5.2500 0.0000 \$7KWH 0.1230 0.0774 0.0564	\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	2,382,50 948.15 7,755.00 1,096.40 ARGE 2,382,50 30.75	Ş	POWER KW LOST OF POWER KWH MONTHLY DISTRIBUTION CHARGE TOTAL UNBUNDLED BILL COST OF POWER KW DISTRIBUTION KW COST OF POWER KW DISTRIBUTION KW MONTHLY DISTRIBUTION	500 150000 500 500	1.5590 \$/KWH 0.0442 RATE \$/KW 8.0397 1.5590	\$ 779.5 \$ 6,635.0 \$ 179.4 \$ 11,607.9 CHARGE \$ 779.5 \$ 8,848.7	19 . S 611 IMPACT DOLLAI	TIMPA	

MONTHLY CONSUMPTION 500KW,250000KWH	CURRENT B	ILL			UNBUN	IDLED BILL					
		KW	RATE \$/KW	CHARGE S	-11001			RATE \$/KW	CHARGE \$	IMPACT DOLLARS	IMPACT
	SERVICE CHARGE		•	\$ -					•	5525440	
	1ST BLOCK 50 KW	50	0.0000		COST		500	8.0397	\$ 4,019.84		
	2ND BLOCK	450		\$ 2,362.50		BUTION	500				
	BALANCE	400	0.0000 \$/KWH		RYY			\$AKWH	\$ 779.52		
	1ST BLOCK 250 KWH NEXT	250		\$ 30.75	POWE		250000		\$ 11,058.44		
	BLOCK 12250	12250	0.0774	\$ 948.15							
	NEXT				MONTE	ILY BUTION					
	BLOCK BALANCE	237500	0.0584 0.0354		CHARC				\$ 173.49		
	TOTAL			\$ 15,735.40	TOTAL				\$ 16,031.28	\$ (705.12	2) -4.2%
MONTHLY CONSUMPTION 1900KW,190,900KWH	CURRENT B				UNBUN	IDLED BILL					
		KW	RATE \$/KW	CHARGE \$				RATE \$/KW	CHARGE \$	IMPACT DOLLARS	IMPACT
	SERVICE CHARGE			s -							
	1ST BLOCK 50 KW	50	0.0000		COST (1000	8.0397	\$ 8,039.68		
	2ND BLOCK	950		\$ 4,987.50		BUTION	1000		\$ 1,559.04		
	BALANCE	500	0.0000 \$/KWH		K.				# (,000.U 1		
	1ST BLOCK 250 KWH	250		. 20.75	COST			\$/KWH			
	NEXT BLOCK		0.1230		POWE	K KVVH 1	100000	0.0442	\$ 4,423.37		
	12250	12250	0.0774	\$ 948.15	MONTE	I LY					
	NEXT BLOCK BALANCE	87500	0.0564 0.0354	\$ 4,935.00 \$ -	CHARG	BUTION SE			\$ 173.49		
	TOTAL	100000		\$ 10,901.40	TOTAL				\$ 14,195.58	\$ 3,294.18	30.2%
MONTHLY CONSUMPTION 1000KW,300000KWH	CURRENT B	LL			UNBUN	IDLED BILL					
MONTHLY CONSUMPTION 1000KW,300000KWH		KW	RATE \$/KW	CHARGE \$	UNBU	ADLED BILL		RATE \$/KW	CHARGE \$	IMPACT DOLLARS	IMPACT
MONTHLY CONSUMPTION 1000KW,300000KWH	SERVICE CHARGE										
MONTHLY CONSUMPTION 1000KW,300000KWH	SERVICE			\$ \$ -	COST (OF R KW					
MONTHLY CONSUMPTION 1000KW,300000KWH	SERVICE CHARGE 1ST BLOCK	KW	9.0000 5.2500 0.0000	\$ - \$ - \$ 4,987.50	COST (OF		\$AKW 8.0397	\$		
MONTHLY CONSUMPTION 1000KW,300000KWH	SERVICE CHARGE 1ST BLOCK 50 KW 2ND BLOCK BALANCE 1ST BLOCK	50 950	\$/KW 0.0000 5.2500	\$ - \$ - \$ 4,987.50	COST (POWEI DISTRI	of R KW Button	1000	\$AKW 8.0397	\$ 8,039.88		
MONTHLY CONSUMPTION 1000KW,300000KWH	SERVICE CHARGE 1ST BLOCK 50 KW 2ND BLOCK BALANCE 1ST BLOCK 250 KWH NEXT	KW 50	9.0000 5.2500 0.0000	\$ - \$ - \$ 4,987.50 \$ -	COST (POWEI DISTRI KW	OF R KW BUTION OF	1000	8.0397 1.5590 \$/KWH	\$ 8,039.88		
MONTHLY CONSUMPTION 1000KW,300000KWH	SERVICE CHARGE 1ST BLOCK 50 KW 2ND BLOCK BALANCE 1ST BLOCK 250 KWH	50 950	9.0000 5.2500 9.0000 \$/KWH	\$ - \$ - \$ 4,987.50 \$ - \$ 30.75	COST (POWEI DISTRI KW COST (POWEI	OF R KW BUTTON OF R KWH 2	1000	8.0397 1.5590 \$/KWH	\$ 8,039.88 \$ 1,559.04		
MONTHLY CONSUMPTION 1000KW,300000KWH	SERVICE CHARGE 1ST BLOCK 50 KW 2ND BLOCK BALANCE 1ST BLOCK 250 KWH NEXT BLOCK	50 950 250	0.0000 5.2500 0.0000 \$ACWH 0.1230	\$ - \$ 4,987.50 \$ 30.75 \$ 948.15	COST : POWEI DISTRI KW COST : POWEI	OF R KW BUTTON OF R KWH 2	1000	8.0397 1.5590 \$/KWH	\$ 8,039.88 \$ 1,559.04		
MONTHLY CONSUMPTION 1000KW,300000KWH	SERVICE CHARGE 15T BLOCK 50 KW 2ND BLOCK BALANCE 15T BLOCK 250 KWH NEXT BLOCK 12250 NEXT BLOCK	50 950 250 12250	0.0000 5.2500 0.0000 \$AKWH 0.1230 0.0774	\$ - \$ 4,987.50 \$ 30.75 \$ 948.15	COST (POWE) DISTRI KW COST (POWE) MONTH DISTRI	OF R KW BUTTON OF R KWH 2	1000	8.0397 1.5590 \$/KWH	\$ 8,039.88 \$ 1,559.04 \$ 8,848.75		
MONTHLY CONSUMPTION 1000KW,300000KWH	SERVICE CHARGE 1ST BLOCK 50 KW 2ND BLOCK BALANCE 1ST BLOCK 250 KWH NEXT BLOCK 12250 NEXT BLOCK BALANCE	50 950 250 12250 287500	9.0000 5.2500 9.0000 \$ACVMH 0.1230 0.0774 0.0584	\$ - \$ 4,987.50 \$ 30.75 \$ 948.15 \$ 18,215.00 \$ - \$ 22,181.40	COST : POWEI DISTRI KW COST : POWEI MONTH DISTRI CHARC TOTAL	OF R KW BUTTON OF R KWH 2	1000	8.0397 1.5590 \$/KWH	\$ 8,039.88 \$ 1,559.04 \$ 8,848.75 \$ 173.49	DOLLARS	
	SERVICE CHARGE 1ST BLOCK 50 KW 2ND BLOCK BALANCE 1ST BLOCK 250 KWH NEXT BLOCK 12250 NEXT BLOCK BALANCE TOTAL CURRENT BL	50 950 250 12250 287500	0.0000 5.2500 0.0000 \$AKWH 0.1230 0.0774	\$ 4,987.50 \$ 30.75 \$ 948.15 \$ 18,215.00 \$ -	COST : POWEI DISTRI KW COST : POWEI MONTH DISTRI CHARC TOTAL	OF R KW BUTION OF R KWH 2 BUTION SE	1000 1000 200000	8.0397 1.5590 \$/KWH 0.0442	\$ 8,039.88 \$ 1,559.04 \$ 8,848.75 \$ 173.49 \$ 18,618.95 CHARGE	DOLLARS \$(3,582.4\$	i) -15.1% IMPACT
	SERVICE CHARGE 1ST BLOCK 50 KW 2ND BLOCK BALANCE 1ST BLOCK 12250 KWH NEXT 12250 NEXT BLOCK 12250 TOTAL	50 950 250 12250 287500	9.0000 5.2500 0.0000 \$AXWH 0.1230 0.0774 0.0584 0.0354	\$ - \$ 4,987.50 \$ 30.75 \$ 948.15 \$ 5 22,181.40	COST : POWEI DISTRI KW COST : POWEI MONTH DISTRI CHARC TOTAL	OF R KW BUTION OF R KWH 2 BUTION SE	1000 1000 200000	8.0397 1.5590 \$/KWH 6.0442	\$ 8,039.88 \$ 1,559.04 \$ 8,846.75 \$ 173.49 \$ 18,618.95	DOLLARS \$(3,562.45	i) -15.1% IMPACT
	SERVICE CHARGE 1ST BLOCK 50 KW 2ND BLOCK BALANCE 1ST BLOCK 250 KWH NEXT BLOCK 12250 NEXT BLOCK BALANCE TOTAL CURRENT BI SERVICE	50 950 250 12250 287500	9.0000 5.2500 0.0000 \$ACWH 0.1230 0.0774 0.0584 0.0354	\$ - \$ 4,987.50 \$ 30.75 \$ 948.15 \$ 18,215.00 \$ \$ 22,181.40 CHARGE \$ \$ -	COST (POWEI DISTRICK KW COST (POWEI MONTH DISTRIC CHARC TOTAL UNBUM	OF R KW BUTTON OF R KWH 2 HLY BUTTON E IDLED BILL	1000	8.0397 1.5590 \$/KWH 0.0442	\$ 8,039,88 \$ 1,559,04 \$ 8,848,75 \$ 173,49 \$ 18,618,95 CHARGE \$	DOLLARS \$(3,582.4\$	i) -15.1% IMPACT
	SERVICE CHARGE 1ST BLOCK 50 KW 2ND BLOCK BALANCE 1ST BLOCK 12250 NEXT BLOCK BALANCE TOTAL CURRENT BL SERVICE CHARGE 1ST BLOCK 50 KW	50 950 250 12250 287500	0.0000 5.2500 0.0000 \$AKWH 0.1230 0.0774 0.0584 0.0354 RATE \$/KW	\$ - \$ 4,987.50 \$ 30.75 \$ 948.15 \$ 18,215.00 \$ \$ 22,181.40 CHARGE \$ \$ - \$ \$ - \$ \$ -	COST (POWER KW COST (POWER CHARC TOTAL UNBUR COST (POWER POWER DISTRIC	OF R KW BUTTON OF R KWH 2 HLY BUTTON E IDLED BILL	1000 1000 200000	8.0397 1.5590 \$/KWH 0.0442 RATE \$/KW	\$ 8,039,88 \$ 1,559,04 \$ 8,848,75 \$ 173,49 \$ 18,618,95 CHARGE \$ 8,039,68	DOLLARS \$(3,582.4\$	i) -15.1% IMPACT
	SERVICE CHARGE 1ST BLOCK 50 KW 2ND BLOCK BALANCE 1ST BLOCK 12250 NEXT BLOCK BALANCE TOTAL CURRENT BLOCK BALANCE TOTAL CURRENT BLOCK BALANCE TOTAL SERVICE CHARGE 1ST BLOCK 1ST BLOCK 1ST BLOCK BALANCE TOTAL SERVICE CHARGE 1ST BLOCK 1ST BL	50 950 250 12250 287500	0.0000 5.2500 0.0000 \$AKWH 0.1230 0.0774 0.0584 0.0354 RATE \$/KW	\$ - \$ 4,987.50 \$ 30.75 \$ 948.15 \$ 18,215.00 \$ - \$ 22,181.40 CHARGE \$ - \$ - \$ 4,987.50	COST I POWER MONTH DISTRI KW COST I POWER MONTH DISTRI CHARC TOTAL UNBUM	OF R KW BUTION OF R KWH 2 BUTION E BUTION	1000 1000 1000 1000	8.0397 1.5590 \$JKWH 0.0442 RATE \$JKW	\$ 8,039,88 \$ 1,559,04 \$ 8,848,75 \$ 173,49 \$ 18,618,95 CHARGE \$	DOLLARS \$(3,582.4\$	i) -15.1% IMPACT
	SERVICE CHARGE 1ST BLOCK 50 KW 2ND BLOCK BALANCE 1ST BLOCK 1ST BLOCK 1ST BLOCK 1ST BLOCK 1CK BALANCE TOTAL CURRENT BI SERVICE CHARGE 1ST BLOCK 1ST BLOCK 2S KW 2ND BLOCK	50 950 250 12250 287500	9.0000 5.2500 9.0000 \$ACVH 0.1230 0.0774 0.0584 0.0354 RATE \$ACVV	\$ 4,987.50 \$ 30.75 \$ 948.15 \$ 18.215.00 \$ \$ 22,181.40 CHARGE \$ \$. \$ 4,987.50 \$ \$ 4,987.50 \$ \$	COST (POWEI DISTRI KW COST (POWEI DISTRI CHARC TOTAL UNBUR COST (POWEI DISTRI CHARC COST (COST	OF R KW BUTTON OF R KWH 2 BLY BUTTON BE IDLED BILL OF KW OF KW OF	1000 1000 1000 1000 1000	8.0367 1.5590 \$7KWH 0.0442 RRATE \$7KW 8.0367 1.5590	\$ 8,039.88 \$ 1,559.04 \$ 8,846.75 \$ 173.49 \$ 18,618.95 CHARGE \$ 8,039.68 \$ 1,559.04	DOLLARS \$(3,582.4\$	i) -15.1% IMPACT
	SERVICE CHARGE 1ST BLOCK 50 KW 2ND BLOCK BALANCE 1ST BLOCK 15250 NEXT BLOCK 12250 NEXT BLOCK CURRENT BL CURRENT BL SERVICE CHARGE 1ST BLOCK 2S0 KW 2ND BLOCK 250 KW NEXT 1ST BLOCK 250 KW NEXT	500 950 257500 287500 950 950 950 950 950 950	9.0000 5.2500 0.0000 \$7KWH 0.1230 0.0774 0.0584 0.0354 RATE \$7KW 0.0000 5.2500 0.0000 \$7KWH	\$ - \$ 4,987.50 \$ 30.75 \$ 948.15 \$ 18,215.00 \$ - \$ 22,181.40 CHARGE \$ - \$ - \$ 4,987.50 \$ - \$ 30.75	COST (POWEI DISTRI KW COST (POWEI DISTRI CHARC TOTAL UNBUR COST (POWEI DISTRI CHARC COST (COST	OF R KW BUTTON OF R KWH 2 BLY BUTTON BE IDLED BILL OF KW OF KW OF	1000 1000 1000 1000 1000	8.0367 1.5590 \$7KWH 0.0442 RRATE \$7KW 8.0367 1.5590	\$ 8,039,88 \$ 1,559,04 \$ 8,848,75 \$ 173,49 \$ 18,618,95 CHARGE \$ 8,039,68	DOLLARS \$(3,582.4\$	i) -15.1% IMPACT
	SERVICE CHARGE 1ST BLOCK 50 KW 2ND BLOCK BALANCE 1ST BLOCK 12250 NEXT BLOCK 1CK BALANCE TOTAL CURRENT BI SERVICE CHARGE 1ST BLOCK 2S0 KW 2ND BLOCK 250 KW NEXT 1ST BLOCK 250 KW NEXT	500 950 500 500 500 500 500 500 500 500	9.0000 5.2500 0.0000 \$7KWH 0.1230 0.0774 0.0584 0.0354 RATE \$7KW 0.0000 5.2500 0.0000 \$7KWH	\$ 4,987.50 \$ 30.75 \$ 948.15 \$ 18.215.00 \$ \$ 22,181.40 CHARGE \$ \$. \$ 4,987.50 \$ \$ 4,987.50 \$ \$	COST I POWEI DISTRI KW COST I POWEI MONTH CHARC TOTAL UNBUN COST I POWEI DISTRI CHARC TOTAL UNBUN COST I POWEI DISTRI KW MONTH MONT	OF R KW BUTION OF R KWH 2 HLY BUTION E IDLED BILL OF R KW BUTION OF R KWH 5	1000 1000 1000 1000 1000	8.0367 1.5590 \$7KWH 0.0442 RRATE \$7KW 8.0367 1.5590	\$ 8,039.88 \$ 1,559.04 \$ 8,846.75 \$ 173.49 \$ 18,618.95 CHARGE \$ 8,039.68 \$ 1,559.04	DOLLARS \$(3,582.4\$	i) -15.1% IMPACT
	SERVICE CHARGE 1ST BLOCK 50 KW 2ND BLOCK BALANCE 1ST BLOCK 15250 NEXT BLOCK 12250 NEXT BLOCK CURRENT BL CURRENT BL SERVICE CHARGE 1ST BLOCK 2S0 KW 2ND BLOCK 250 KW NEXT 1ST BLOCK 250 KW NEXT	500 950 257500 287500 950 950 950 950 950 950	9.0000 5.2500 0.0000 \$AKVM 0.1230 0.0774 0.0584 0.0354 RATE \$AKW 0.0000 5.2500 0.0000 \$AKVM 0.1230	\$ - \$ 4,987.50 \$ 30.75 \$ 948.15 \$ 18.215.00 \$ 22,181.40 CHARGE \$ 5 - \$ 4,987.50 \$ 30.75 \$ 948.15 \$ 27,495.00	COST I POWEI DISTRI KW COST I POWEI MONTH CHARC TOTAL UNBUN COST I POWEI DISTRI CHARC TOTAL UNBUN COST I POWEI DISTRI KW MONTH MONT	DF R KW BUTION OF R KWH 2 HLY BUTION E R KW BUTION F R KW BUTION OF R KWH 5	1000 1000 1000 1000 1000	8.0367 1.5590 \$7KWH 0.0442 RRATE \$7KW 8.0367 1.5590	\$ 8,039.88 \$ 1,559.04 \$ 8,846.75 \$ 173.49 \$ 18,618.95 CHARGE \$ 8,039.68 \$ 1,559.04	DOLLARS \$(3,582.4\$	i) -15.1% IMPACT

GENERAL SERVICE - INTERMEDIATE USE											
ENTER DESIRED CONSUMPTION LEVEL	CURRENT B	HLL				UNBUNDLED BI	LL				
		KW	RATE \$/KW	CHARG	E			RATE	CHARGE	IMPACT	IMPACT
	WINTER			s				\$/KW	\$	DOLLARS	
	PEAK SUMMER		0.0000	\$	•	COST OF					
	PEAK		0.0000	\$		POWER KW:					
						WINTER PEAK SUMMER		#DIV/0!	#DIV/0!		
						PEAK		#DIV/0!	#D[V/0t		
			\$/KWH			DISTRIBUTION KW		#DIV/0!	#DIV/0!		
	WINTER PEAK		0.0000								
	WINTER		0.0000	\$	-	COST OF		\$/KWH			
	OFF PEAK SUMMER		0.0000	\$	-	POWER KWH:					
	PEAK		0.0000	\$		WINTER PEAK		#DIV/0!	#DIV/01		
	SUMMER OFF PEAK		0.0000	•		WINTER OFF PEAK		#DIV/0!	#DIV/0!		
	0111241		0.0000	•	•	SUMMER					
						PEAK SUMMER OFF		#D(V/0!	#DIV/0!		
						PEAK		#DIV/0!	#DIV/0!		
						MONTHLY					
						DISTRIBUTION					
						CHARGE			\$ -		
	TOTAL			\$	•	TOTAL			#DIV/0I	#DIV/0!	#DIV/0!
MONTHLY CONSUMPTION 3000KW,800000KWH	CURRENT B	NLL KW		011475	·-	UNBUNDLED BI	u				
		KVV	RATE \$/KW	CHARG \$:E			RATE S/KW	CHARGE \$	IMPACT DOLLARS	IMPACT
	WINTER PEAK	1548	0.0000								
	SUMMER				•	COST OF					
	PEAK	1452	0.0000	\$	•	POWER KW: WINTER PEAK	1548	#DIV/0!	#DIV/01		
						SUMMER	1040	#21470:			
						PEAK DISTRIBUTION	1452	#DIV/0!	#DIV/0!		
			\$/KWH			KW	3000	#DIV/0!	#DIV/0!		
	WINTER PEAK	123581	0.0000	s				\$/KWH			
•	WINTER					COST OF		***************************************			
	OFF PEAK SUMMER	141000	0.0000	\$	-	POWER KWH:					
	PEAK SUMMER	112521	0.0000	\$	-	WINTER PEAK	123561	#DIV/0!	#D!V/01		
	OFF PEAK	122918	0.0000	\$	-	WINTER OFF PEAK	141000	#DIV/0!	#D(V/0!		
						Summer Peak	112521	#DIV/0!	#DIV/0!		
						SUMMER OFF					
						PEAK	122918	#DIV/0!	#DIV/0!		
						MONTHLY					
						DISTRIBUTION CHARGE			\$ -		
	TOTAL										
	IUIAL			\$	-	TOTAL			#DIV/QI	#DIV/01	#DIV/0I
MONTHLY CONSUMPTION 3000KW,1 MILLINWH	CURRENT B	n r				IMPLIANT FOR					
MONTHLE CONSUME FOR SOURS, FRANCES	CORNERIA	KW	RATE	CHARG	SE	UNBUNDLED B	LL	RATE	CHARGE	IMPACT	MPACT
	WINTER		\$/KW	\$				\$/KW	\$	DOLLARS	
	PEAK	1548	0.0000	\$	-						
	SUMMER PEAK	1452	0.0000	s	-	COST OF POWER KW:					
				-		WINTER PEAK	1548	#DIV/0!	#DIV/0!		
						SUMMER PEAK	1452	#D(V/0)	#DIV/0!		
			*****			DISTRIBUTION					
	WINTER		SAKWH			KW	3000	#DIV/0!	#DIV/0!		
	PEAK WINTER	247122	0.0000	\$	-	COST OF		\$/KWH			
	OFF PEAK	282000	0.0000	\$		POWER KWH:					
	SUMMER PEAK	225042	0.0000	s		WINTER PEAK	247100	#DIV/0!	#DIV/01		
	SUMMER					WINTER OFF					
	OFF PEAK	245838	0.0000	\$	-	PEAK SUMMER	282000	#DIV/0!	#DIV/0!		
						PEAK	225042	#DIV/0!	#DIV/0!		
						SUMMER OFF PEAK	245838	#DIV/0!	#D(V/0!		
							0000				
						MONTHLY DISTRIBUTION					
						CHARGE			\$ -		
	TOTAL			\$	_	TOTAL			#DfV/0!	#D(V/0!	#DIV/0!

MORTHLY CONSUMPTION 2000KW,1.5 MILL.KWH	CHRRENT BII					UNBUNDLED BIL							
		ĸw	RATE	CHAR	GE	CHRONINED BIL	-	RATE	CHA	RGE	IMP	ACT	IMPACT
	WINTER		\$/KW	\$				\$AKW	\$		DOL	LARS	
	PEAK	1548	8.0000	\$									
	SUMMER					COST OF							
	PEAK	1452	0.0000	\$	-	POWER KW: WINTER PEAK	1548	#D{V/0!	#1	DIV/O!			
						SUMMER PEAK	1452	#DIV/0!	#0	10//10			
	WINTER		SAKWH			DISTRIBUTION KW	3000	#DIV/0!	#1	OIV/O!			
	PEAK	370683	0.0000	s				\$/KWH					
	WINTER					COST OF		*******					
	OFF PEAK SUMMER	423000	0.0000	\$	•	POWER KWH:							
	PEAK SUMMER	337563	0.0000	\$	-	WINTER PEAK WINTER OFF	370683	#DIV/0!	#1	NVIC			
	OFF PEAK	388754	0.0000	\$	•	PEAK	423000	#DIV/0!	#1	DIV/OI			
						SUMMER PEAK	337583	#D(V/01	#6	OIV/OI			
						SUMMER OFF PEAK	368754	#D(V/0)	#(ON/O!			
						MONTHLY DISTRIBUTION							
	TOTAL					CHARGE			\$	•			
	IOIAL			\$	•	TOTAL			#[OIV/0!	#0	io/Vic	#DIV/0!
LARGE USE													
ENTER DESIRED CONSUMPTION LEVEL	CURRENT BIL	L KW	RATE	CHAR	or	UNBUNDLED BIL	T						
		N. 8 W	\$/KW	\$	GE			RATE \$/KW	S \$	RGE		ACT LARS	IMPACT
	WINTER PEAK		15.4700										
	SUMMER		15.4700	•	•	COST OF							
	PEAK		11.2800	\$	•	POWER KW: WINTER PEAK		11.6885	s	-			
						SUMMER PEAK		8.7494	\$				
			\$/KWH			DISTRIBUTION KW		1.1921	s				
	WINTER PEAK		0.0463										
	WINTER				•	COST OF		\$/KWH					
	OFF PEAK SUMMER		0.0342	\$	•	POWER KWH:							
	PEAK SUMMER		0.0402	\$	•	WINTER PEAK WINTER OFF		0.0615	\$	-			
	OFF PEAK		0.0235	\$	•	PEAK		0.0338	\$				
						SUMMER PEAK		0.0508	\$				
						SUMMER OFF PEAK		0.0232		_			
								0.01.01	•	-			
						MONTHLY DISTRIBUTION							
						CHARGE			\$	643.58			
	TOTAL			\$		TOTAL			\$	843.58	s	643.56	#DIV/0!
MONTHLY COMMINENTION FRANCE A F MILL WAR	OUDDENT TH												
MONTHLY CONSUMPTION SOCKW, 0.5 MILL.KWH		r. KW	RATE	CHAR	GE	UNBUNDLED BIL	T	RATE	CHA	RGE	IMP	ACT	IMPACT
	WINTER		2/KW	\$				SACW	\$			LARS	
	PEAK	2490	15.4700	\$ 38,5	20.30								
	SUMMER PEAK	2510	11.2800	\$ 28 3	12 20	COST OF POWER KW:							
	. •	2010	11.2000	4 20,5	12.00	WINTER PEAK	2490	11.6885	\$ 29	,104.37			
						SUMMER PEAK	2510	8.7494	\$ 21	,980.99			
			\$/KWH			DISTRIBUTION KW	5000	1.1921	* 5	980.48			
	WINTER PEAK	126725			e 7 27					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
	WINTER					COST OF		\$/KWH					
	OFF PEAK SUMMER	125344	0.0342	\$ 4,2	86.76	POWER KWH:							
	PEAK SUMMER	125677	0.0402	\$ 5,0	52.22	WINTER PEAK	126725	0.0615	\$ 7	,794.73			
	OFF PEAK	122254	0.0235	\$ 2,8	72.97	WINTER OFF PEAK	125344	0.0338	\$ 4	,241.01			
						Summer Peak	125877	0.0508					
						SUMMER OFF PEAK	122254	0.0232					
								v.ue32	• 2	,000.00			
						MONTHLY DISTRIBUTION							
						CHARGE			\$	643.58			
	TOTAL	500000		\$ 84,9	12.42	TOTAL			\$ 78	,929.84	\$(5,	982.57)	-7.0%

MONTHLY CONSUMPTION SOSSKW	CURRENT BIL					UNBUNDLED BIL					
1 MILL.KWH		KW	RATE	CHARGE		ONDONDLED BIL		RATE	CHARGE	IMPACT	IMPACT
Winter Bill			\$ACW	\$				SAKW	\$	DOLLARS	
	WINTER PEAK	5000	15 4700	\$ 77,350.00							
	SUMMER	3000	15,4100	4 11,200.00		COST OF					
	PEAK		11.2800	\$ -		POWER KW:					
						WINTER PEAK SUMMER	5000	11.6885	\$ 58,442.50		
						PEAK		8.7494	\$ -		
·			*073861			DISTRIBUTION					
	WINTER		\$/KWH			KW	5000	1.1921	\$ 5,960.46		
	PEAK	502700	0.0463	\$ 23,275.01				\$/KWH			
	WINTER OFF PEAK	497300	0.0343	\$ 17,007.66		COST OF POWER KWH:					
	SUMMER	487300	0.0342	\$ 17,007.00		POWER KVVII:					
	PEAK		0.0402	\$.			502700	0.0615	\$ 30,920.57		
	SUMMER OFF PEAK		0.0235	s -		WINTER OFF PEAK	497300	0.0220	# 10 pgg 16		
	0117200		0.0233	•		SUMMER	487300	0.0330	\$ 16,826.15		
						PEAK		0.0508	\$ -		
						SUMMER OFF PEAK		0.0232			
						7230		0.02.02	•		
						MONTHLY					
						DISTRIBUTION CHARGE			\$ 643.56		
						DI TUICE			• 040.00		
	TOTAL	1000000		\$117,632.67		TOTAL			\$112,793.23	\$(4,839.44)	-4.1%
MONTHLY CONSUMPTION 5000KW	CURRENT BII	1				UNBUNDLED BIL	T				
1 MELL KWH		KW	RATE	CHARGE				RATE	CHARGE	IMPACT	IMPACT
Summer Bill	WINTER		\$/KW	\$				\$/KW	\$	DOLLARS	
	PEAK		15.4700	\$ -							
	SUMMER					COST OF					
	PEAK	5000	11.2800	\$ 56,400.00		POWER KW: WINTER PEAK		11.8885	s -		
						SUMMER		11.0000	•		
						PEAK	5000	8.7494	\$ 43,747.00		
			S/KWH			DISTRIBUTION	5000	1 1921	\$ 5,960.46		
	WINTER						0000		4 0,00010		
	PEAK WINTER		0.0463	\$ -		COST OF		\$/KWH			
	OFF PEAK		0.0342	s -		POWER KWH:					
	SUMMER										
	PEAK Summer	506900	0.0402	\$ 20,377.38	1	WINTER PEAK WINTER OFF		0.0615	\$ -		
	OFF PEAK	493100	0.0235	\$ 11,587.85	i	PEAK		0.0338	s -		
						SUMMER					
						PEAK SUMMER OFF	506900	0.0508	\$ 25,752.04		
						PEAK	493100	0.0232	\$ 11,454.71		
						MONTH					
						MONTHLY DISTRIBUTION					
						CHARGE			\$ 643.56		
	TOTAL.	1000000		\$ 88,365.23		TOTAL			A 07 CF7 22		0.00
	TOTAL	1000000		\$ 00,305.23		IOIAL			\$ 87,557.77	\$ (807.48)	-0.9%
	_										
MONTHLY CONSUMPTION SOORKW 1.5 MILL.KWH	CURRENT BI	KW T	RATE	CHARGE		UNBUNDLED BIL	T	RATE	CHARGE	IMPACT	IMPACT
Winter Bill			\$/KW	\$				\$/KW	\$	DOLLARS	IMPACI
	WINTER										
	PEAK SUMMER	5000	15.4700	\$ 77,350.00	1	COST OF					
	PEAK	٥	11.2800	s -		POWER KW:					
						WINTER PEAK	5000	11.8885	\$ 58,442.50		
						SUMMER PEAK		8.7494	s -		
						DISTRIBUTION					
	WINTER		\$/KWH			KW	5000	1.1921	\$ 5,960.46		
	PEAK	754050	0.0463	\$ 34,912.52				S/KWH			
	WINTER					COST OF					
	OFF PEAK SUMMER	745950	0.0342	\$ 25,511.49	ı	POWER KWH:					
	PEAK		0.0402	\$ -		WINTER PEAK	754050	0.0615	\$ 46,380.86		
	SUMMER					WINTER OFF					
	OFF PEAK		0.0235	\$ -		PEAK SUMMER	/45950	u.0338	\$ 25,239.22		
						PEAK		0.0508	\$ -		
						SUMMER OFF PEAK		0.0232	s -		
						·		0.0232	• -		
						MONTHLY					
						DISTRIBUTION CHARGE			\$ 643.58		
									- 0.00		
	TOTAL	1500000		\$137,774.01		TOTAL			\$138,666.59	\$(1,107.41)	-0.8%

MONTHLY CONSUMPTION 5699KW 1.5 MILL:KWH Summer Bill

CURRENT B				UNBUNDLED B	ILL.				
14.54.55	KW	RATE \$/KW	CHARGE \$			RATE \$/KW	CHARGE \$	IMPACT DOLLARS	IMPACT
WINTER PEAK	5000	16.4700	\$ 77,350.00						
SUMMER	5000	13.4100	# 17,500.0C	COST OF					
PEAK		11,2800	s -	POWER KW:					
				WINTER PEAK SUMMER		11.6885	\$ -		
				PEAK DISTRIBUTION	5000	8.7494	\$ 43,747.00		
WINTER		\$/KWH		KW	5000	1.1921	\$ 5,960.46		
PEAK		0.0463	\$ -			\$/KWH			
WINTER				COST OF					
OFF PEAK SUMMER		0.0342	\$ -	POWER KWH:					
PEAK SUMMER	780350	0.0402	\$ 30,566.07	WINTER PEAK WINTER OFF		0.0615	\$ -		
OFF PEAK	739650	0.0235	\$ 17,381.78	PEAK SUMMER		0.0338	\$ -		
				PEAK SUMMER OFF	760350	0.0508	\$ 38,628.06		
				PEAK	739650	0.0232	\$ 17,182.07		
				MONTHLY DISTRIBUTION					
				CHARGE			\$ 643.56		
TOTAL	1500000		\$125,297.85	TOTAL	1500000		\$105,161.14	******	-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

.lim Fallis

DATE

36843

VERSION NUMBER

2

NAME OF CONTACT

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

Target ROE

Effective Tax Rate (this is the rate deemed to be in effect by the OEB)

1-CFR

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

\$ 7,101,931.84

1,999 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	SHARE OF TOTAL R	CHANGE IN IN	NCREMENTAL ETURN (\$) A*B	
	REVENUE	REVENUE	ALLOCATED	. ,	
		Α	В		
RESIDENTIAL CLASS REVENUE	\$ 6,688,051.56	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

RESIDENTIAL						TOTAL
(A) CURRENT REVENUE REQUIREMENTS	\$	VARIABLE REVENUE 2,608,340.11	\$4	CHARGE 1,079,711.45		DISTRIBUTION REVENUE 6,688,051.56
		0.390		0.610		
(B) ALLOCATED INCREMENTAL RETURN (\$)	\$	232,486.70	\$	363,633.04	\$	596,119.74
(C) TARGETED BASE (A) +(B)	\$	2,840,826.81	\$4	1,443,344.49	\$	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)						TOTAL
		VARIABLE		SERVICE		DISTRIBUTION
(A) OUDDENT DEWENUE DEOLUDEMENTO	•	REVENUE	•	CHARGE		REVENUE
(A) CURRENT REVENUE REQUIREMENTS	\$	1,679.78 0.390	Þ	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		

GENERAL SERVICE <50 KW CLASS	
(A) CURRENT REVENUE REQUIREMENTS	TOTAL VARIABLE SERVICE DISTRIBUTION REVENUE CHARGE REVENUE \$ 1,193,906.60 \$ 289,207.19 \$ 1,483,113.79 0.805 0.195
(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	
(A) CURRENT REVENUE REQUIREMENTS	VARIABLE SERVICE DISTRIBUTION REVENUE CHARGE REVENUE \$ 2,164,071.26 \$1,442,714.17 \$ 3,606,785.43 0.600 0.400
(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	TOTAL
(A) CURRENT REVENUE REQUIREMENTS	VARIABLE SERVICE DISTRIBUTION REVENUE CHARGE REVENUE \$ 527,086.75 \$ 175,695.58 \$ 702,782.33 0.750 0.250
(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

INTERMEDIATE USE					
(A) CURRENT REVENUE REQUIREMENTS	\$	VARIABLE REVENUE	c	SERVICE CHARGE	TOTAL DISTRIBUTION REVENUE
(A) CORRENT REVENUE REQUIREMENTS	Ф	#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					TOT41
		VARIABLE REVENUE		SERVICE CHARGE	TOTAL DISTRIBUTION
(A) CURRENT REVENUE REQUIREMENTS	\$	10,684.53 0.390	\$	16,711.69 0.610	REVENUE 27,396.22
(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					TOTAL
(A) CURRENT REVENUE REQUIREMENTS	\$	VARIABLE REVENUE 440,193.93 0.950		SERVICE CHARGE 23,168.10 0.050	\$ DISTRIBUTION REVENUE
(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	