# Heber Light & Power Rate Design

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Utility Financial Solutions, LLC 185 Sun Meadow Court Holland, MI 49424 616 393 9722

Email: jjurczyk@ufsweb.com

Submitted Respectfully by: Jill Jurczyk Rates Manager, Utility Financial Solutions, LLC



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## Heber Light & Power Rate Design Rate Design Summary

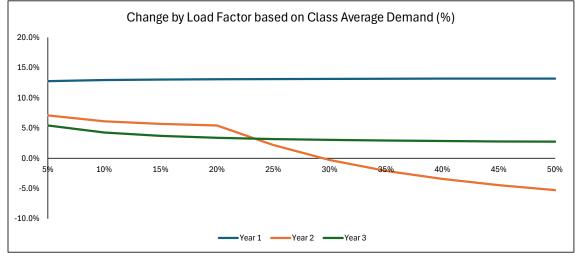
		Projected Percentage	Projected Percentage	Projected Percentage
Customer Class	С	hange Year 1	Change Year 2	Change Year 3
Residential		13.1%	3.5%	3.5%
Residential TOU		13.1%	3.5%	3.5%
Residential Pumping		-8.8%	0.8%	3.1%
Small General Service		12.0%	3.0%	3.0%
Small General Service Pumping		13.1%	6.1%	6.0%
Medium General Service		12.8%	3.2%	3.2%
Medium General Service Pumping		14.5%	5.0%	5.0%
Large General Service		14.0%	4.5%	4.5%
Yard Lighting		12.7%	3.8%	3.6%
	Totals	13.0%	3.5%	3.5%



## Electric Rate Design

Residential Rate Progression

Rates	Current	Year 1	Year 2	Year 3
Monthly Facilities Charge:				
Below 400 AMP	\$ 17.90	\$ 18.40	\$ 18.90	\$ 19.40
400 AMP and Greater	\$ 33.90	\$ 35.40	\$ 36.90	\$ 38.40
Energy Charge:				
Block 1 (0 - 1000 kWh)	\$ 0.10436	\$ 0.11820		
Block 2 (Excess)	\$ 0.12476	\$ 0.14130		
Non Summer On-Peak			\$ 0.14029	\$ 0.15652
Non Summer Off-Peak			\$ 0.12199	\$ 0.12040
Summer On-Peak			\$ 0.14029	\$ 0.15652
Summer Off-Peak			\$ 0.12199	\$ 0.12040
Demand Charge:				
Below 400 AMP		\$ 0.25	\$ 0.50	\$ 0.75
400 AMP and Greater		\$ 0.75	\$ 1.50	\$ 2.25
Revenue from Rate	\$ 16,347,770	\$ 18,488,632	\$ 19,134,949	\$ 19,803,862
Change from Previous		13.1%	3.5%	3.5%
Non Summer Differential		-	1.15	1.30
Summer Differential		-	1.15	1.30



#### Average Monthly \$ Change by Winter Load Factor (Summer Energy Multiplier =0.93)

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Monthly Energy	LF	Year 1	Year 2	Year 3
243	5%	\$ 5.52	\$ 3.46	\$ 2.83
485	10%	\$ 8.88	\$ 4.75	\$ 3.50
728	15%	\$ 12.24	\$ 6.04	\$ 4.17
971	20%	\$ 15.59	\$ 7.33	\$ 4.84
1,213	25%	\$ 19.53	\$ 3.70	\$ 5.50
1,456	30%	\$ 23.54	\$ (0.62)	\$ 6.17
1,699	35%	\$ 27.56	\$ (4.93)	\$ 6.84
1,941	40%	\$ 31.57	\$ (9.25)	\$ 7.51
2,184	45%	\$ 35.58	\$ (13.56)	\$ 8.18
2,427	50%	\$ 39.60	\$ (17.87)	\$ 8.84

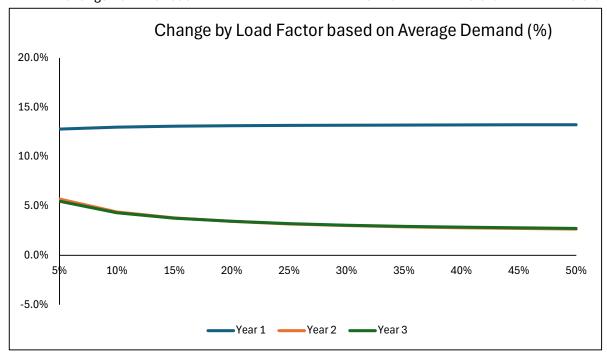


## **Electric Rate Design**

Residential Single Phase

TOU Opt Out Rate

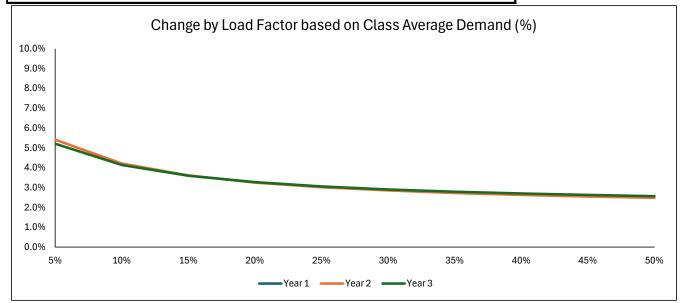
Rates	Current	Year 1	Year 2	Year 3
Monthly Facilities Charge:				
Below 400 AMP	\$ 17.90	\$ 18.40	\$ 18.90	\$ 19.40
400 AMP and Greater	\$ 33.90	\$ 35.40	\$ 36.90	\$ 38.40
Energy Charge:				
Block 1 (0 - 1000 kWh)	\$ 0.10436	\$ 0.11823	\$ 0.12077	\$ 0.12348
Block 2 (Excess)	\$ 0.12476	\$ 0.14134	\$ 0.14438	\$ 0.14761
Demand Charge				
Below 400 AMP	\$ -	\$ 0.25	\$ 0.50	\$ 0.75
400 AMP and Greater	\$ -	\$ 0.75	\$ 1.50	\$ 2.25
Revenue from Rate	\$ 16,115,838	\$ 18,227,013	\$ 18,864,958	\$ 19,525,232
Change from Previous		13.1%	3.5%	3.5%



### Electric Rate Design

**Existing Residential TOU** 

Rates	Current	Year 1	Year 2	Year 3
Monthly Facilities Charge:				
Below 400 AMP	\$ 17.90	\$ 18.40	\$ 18.90	\$ 19.40
400 AMP and Greater	\$ 33.90	\$ 35.40	\$ 36.90	\$ 38.40
Energy Charge:				
Non Summer On-Peak	\$ 0.15251	\$ 0.18984	\$ 0.20625	\$ 0.22196
Non Summer Off-Peak	\$ 0.07663	\$ 0.08629	\$ 0.08250	\$ 0.07927
Summer On-Peak	\$ 0.21256	\$ 0.24207	\$ 0.26667	\$ 0.29007
Summer Off-Peak	\$ 0.10489	\$ 0.10525	\$ 0.10063	\$ 0.09669
Demand Charge:				
Below 400 AMP	\$ -	\$ 0.25	\$ 0.50	\$ 0.75
400 AMP and Greater	\$ -	\$ 0.75	\$ 1.50	\$ 2.25
Revenue from Rate	\$ 480,870	\$ 543,864	\$ 562,899	\$ 582,600
Change from Previous		13.1%	3.5%	3.5%
Non Summer Differential	1.99	2.20	2.50	2.80
Summer Differential	2.03	2.30	2.65	3.00





## Electric Rate Design

GS NEM TOU

Rates	Current	Year 1	Year 2	Year 3
Energy Charge:				
Block 1 (0 - 500 kWh)	\$ 0.07800	\$ 0.08549		
Block 2 (Excess)	\$ 0.05544	\$ 0.06839		
Non Summer On-Peak			\$ 0.08199	\$ 0.10147
Non Summer Off-Peak			\$ 0.06073	\$ 0.06150
Summer On-Peak			\$ 0.10000	\$ 0.12377
Summer Off-Peak			\$ 0.07408	\$ 0.07501
Demand Charge:				
Distribution Demand	\$ 11.60	\$ 12.10	\$ 12.60	\$ 13.10
Revenue from Rate	\$ 8,706	\$ 9,835	\$ 9,941	\$ 10,611
Change from Previous		13.0%	1.1%	6.7%
Non Summer Differential			1.35	1.65
Summer Differential			1.35	1.65



## Electric Rate Design

Yard Lighting

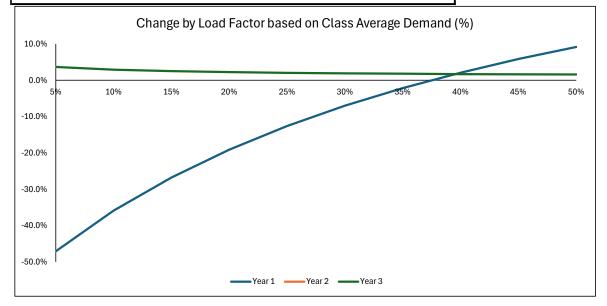
Rates	Current	Year 1	Year 2	Year 3
Monthly Base Charge:				
All Area Lights	\$ 8.25	\$ 9.30	\$ 9.65	\$ 10.00
Revenue from Rate	\$ 17,523	\$ 19,753	\$ 20,497	\$ 21,240
Change from Previous		12.7%	3.8%	3.6%



#### Electric Rate Design

Residential Service Pumping

Rates	Current	Year 1	Year 2	Year 3
Monthly Facilities Charge:				
All Customers	\$ 26.00	\$ 18.40	\$ 18.90	\$ 19.40
Energy Charge:				
Block 1 (0 - 1000 kWh)	0.06092	0.11820		
Block 2 (Excess)	0.06092	0.14130		
Non Summer On-Peak			\$ 0.14029	\$ 0.15652
Non Summer Off-Peak			\$ 0.12199	\$ 0.12040
Summer On-Peak			\$ 0.14029	\$ 0.15652
Summer Off-Peak			\$ 0.12199	\$ 0.12040
Demand Charge:				
Distribution Demand	\$ 9.85	\$ 0.25	\$ 0.50	\$ 0.75
Revenue from Rate	\$ 15,944	\$ 14,543	\$ 14,659	\$ 15,112
Change from Previous	15,944	-8.8%	0.8%	3.1%
Non Summer Differential			1.15	1.30
Summer Differential			1.15	1.30



#### Average Monthly \$ Change by Winter Load Factor

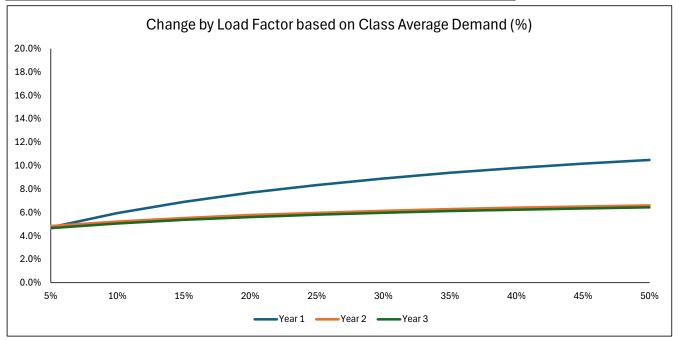
Winter Monthly Energy	LF	Year 1	Year 2	Year 3
84	5%	\$ (25.66)	\$ 3.35	\$ 1.19
167	10%	\$ (21.71)	\$ 5.64	\$ 1.31
251	15%	\$ (17.76)	\$ 7.92	\$ 1.42
335	20%	\$ (13.80)	\$ 10.20	\$ 1.54
419	25%	\$ (9.85)	\$ 12.48	\$ 1.66
502	30%	\$ (5.90)	\$ 14.76	\$ 1.77
586	35%	\$ (1.94)	\$ 17.04	\$ 1.89
670	40%	\$ 2.01	\$ 19.33	\$ 2.01
753	45%	\$ 5.96	\$ 21.61	\$ 2.13
837	50%	\$ 9.91	\$ 23.89	\$ 2.24



### Electric Rate Design

Small General Service Pumping

Rates	Current	Year 1	Year 2	Year 3
Monthly Facilities Charge:				
All Customers	\$ 38.50	\$ 41.00	\$ 44.50	\$ 48.00
Energy Charge:				
All Energy	0.06092			
Non Summer On-Peak		\$ 0.11397	\$ 0.12314	\$ 0.13279
Non Summer Off-Peak		\$ 0.05698	\$ 0.06157	\$ 0.06639
Summer On-Peak		\$ 0.13901	\$ 0.15019	\$ 0.16197
Summer Off-Peak		\$ 0.06950	\$ 0.07510	\$ 0.08098
Demand Charge:				
Distribution Demand	\$ 9.85	\$ 9.85	\$ 9.85	\$ 9.85
Revenue from Rate	\$ 93,317	\$ 105,588	\$ 112,063	\$ 118,755
Change from Previous		13.1%	6.1%	6.0%
Non Summer Differential		2.00	2.00	2.00
Summer Differential		2.00	2.00	2.00

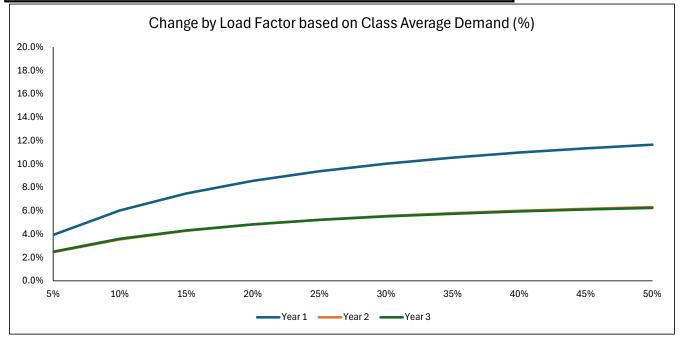




### Electric Rate Design

Medium General Service Pumping

Rates	Current	Year 1	Year 2	Year 3
Monthly Facilities Charge:				
All Customers	\$ 145.00	\$ 150.00	\$ 155.00	\$ 160.00
Energy Charge:				
All Energy	0.06092			
Non Summer On-Peak		\$ 0.11397	\$ 0.12314	\$ 0.13279
Non Summer Off-Peak		\$ 0.05698	\$ 0.06157	\$ 0.06639
Summer On-Peak		\$ 0.13901	\$ 0.15019	\$ 0.16197
Summer Off-Peak		\$ 0.06950	\$ 0.07510	\$ 0.08098
Demand Charge:				
Distribution Demand	\$ 9.85	\$ 9.85	\$ 9.85	\$ 9.85
Revenue from Rate	\$ 267,899	\$ 306,745	\$ 322,082	\$ 338,186
Change from Previous		14.5%	5.0%	5.0%
Non Summer Differential		2.00	2.00	2.00
Summer Differential		2.00	2.00	2.00

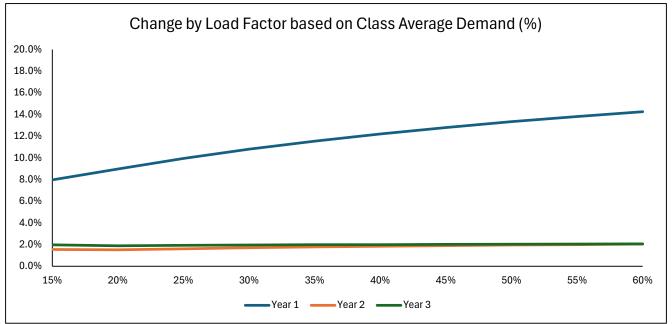




### **Electric Rate Design**

Small General Service

Rates		Current		Year 1		Year 2	Year 3	
Monthly Base Charge:								
Single Phase	\$	23.00	\$	26.00	\$	29.00	\$	32.00
Three Phase	\$	31.00	\$	35.00	\$	39.00	\$	43.00
Energy Charge:								
Block 1 (0 - 500 kWh)	\$	0.07800	\$	0.08549	\$	0.07815	\$	0.07198
Block 2 (Excess)	\$	0.05544	\$	0.06839	\$	0.07034	\$	0.07198
Demand Charge								
All Demand	\$	11.60	\$	12.10	\$	12.60	\$	13.10
Revenue from Rate	\$	3,379,842	\$	3,785,423	\$	3,898,986	\$	4,015,955
Change from Previous				12.0%		3.0%		3.0%





## Electric Rate Design

Medium General Service

Rates			Current		Year 1	Year 2		Year 3	
Monthly Base Cha	irge:								
All Customers		\$	145.00	\$	150.00	\$ 155.00	\$	160.00	
Energy Charge:									
All Energy		\$	0.05662	\$	0.06841	\$ 0.07048	\$	0.07266	
Demand Charge									
All Demand		\$	13.95	\$	14.45	\$ 14.95	\$	15.45	
	Revenue from Rate	\$	3,746,011	\$	4,225,500	\$ 4,360,716	\$	4,500,259	
	Change from Previous				12.8%	3.2%		3.2%	
9.0%									
8.0% 7.0% 6.0% 5.0% 4.0%									
8.0% 7.0% 6.0% 5.0%									
8.0% 7.0% 6.0% 5.0% 4.0% 3.0% 2.0% 1.0%	30% 35%	409	% 459	·⁄⁄⁄⁄⁄⁄⁄	50%	55%	60%	65%	70



Electric Rate Design

LGS with TOU

7.0%
6.0%
5.0%
4.0%
3.0%
2.0%
1.0%
0.0%

30%

35%

40%

45%

50%

Year 1 Year 2 Year 3

55%

60%

65%

Rates	Current Year 1			Year 2	Year 3		
Monthly Facilities Charge:							
All Customers	\$	342.00	\$	357.00	\$ 372.00	\$ 387.00	
Energy Charge:							
All Energy		0.05289		0.06541			
Non Summer On-Peak					\$ 0.08199	\$ 0.10147	
Non Summer Off-Peak					\$ 0.06073	\$ 0.06150	
Summer On-Peak					\$ 0.10000	\$ 0.12377	
Summer Off-Peak					\$ 0.07408	\$ 0.07501	
Demand Charge:							
All Demand	\$	15.10	\$	15.35	\$ 15.35	\$ 15.35	
Revenue from Rate	\$	2,207,807	\$	2,516,900	\$ 2,630,160	\$ 2,748,517	
Change from Previous				14.0%	4.5%	4.5%	
Non Summer Differential					1.35	1.65	
Summer Differential					1.35	1.65	



75%

70%