

Municipal Commission of Boonville

Electric Department

Historic and Forecast Income Statements with Rate of Return

Line No.		Test Year FY 2014 A	PSC Normalizing Adjustments B		Normalized Test Year C	Known Changes D		Updated Normalized Rate Year E	Increase F	Rate Year After Increase G	% Increase
1	Operating revenues	\$3,759,511	\$111,802	a)	\$3,871,313			\$3,871,313	\$161,477	\$4,032,789	4.2%
2	Operating Expenses:										
3	Purchased Power	\$2,613,965	\$29,466	b)	\$2,643,431			\$2,643,431		\$2,643,431	
4	Labor	\$480,036			\$480,036	\$12,783	c)	\$492,819		\$492,819	
5	Workers Compensation and Liability Insurance	\$4,124			\$4,124	\$153	d)	\$4,277		\$4,277	
6	Pension	\$80,267			\$80,267	\$2,167	e)	\$82,434		\$82,434	
6a	OPEBS	\$0									
7	Health Insurance	\$86,576			\$86,576	\$3,203	d)	\$89,779		\$89,779	
8	IEEP	\$0			\$0	\$0		\$0		\$0	
9	All Other Non-Labor Expense	\$159,494			\$159,494	\$5,901	d)	\$165,395		\$165,395	
10	Uncollectible Revenues	\$7,200			\$7,200	-\$319	f)	\$6,881		\$6,881	
11	Taxes	\$116,063			\$117,311	\$3,754	g)	\$121,065		\$121,065	
11a	PILOT	\$4,580			\$4,580	\$147	g)	\$4,727		\$4,727	
12	PSC 18a Assessment	\$43,668			\$43,668	-\$15,858	h)	\$27,810		\$27,810	
13	Amortizations	\$0			\$0	\$9,000	i)	\$9,000		\$9,000	
14	Depreciation	<u>\$258,036</u>			<u>\$258,036</u>	\$0		<u>\$258,036</u>		<u>\$258,036</u>	
15	Total Operating Expenses	\$3,854,009			\$3,884,723			\$3,905,654		\$3,905,654	
16	Operating Income	-\$94,499	\$82,336		-\$13,411	-\$20,931		-\$34,342		\$127,135	
17	Rate Base	\$3,950,597			\$3,950,597	\$0		\$3,950,597		\$3,950,597	
18	Rate of Return	-2.39%			-0.34%			-0.87%		3.22%	i)

Municipal Commission of Boonville

Explanation of Adjustments

Test Year Normalization

a) Revenues

PPAC -- Impact of Test Year PPAC reconciliation	\$	59,288	
Weather Normalization - test year warmer than normal		86,371	
Growth Analysis	\$	(33,857)	
Total			\$ 111,802

b) Purchased Power

PPAC - increased cost to reverse warmer than normal weather	\$	54,494	
PPAC - increased cost for new sales	\$	(25,028)	
			\$ 29,466

c) Labor -- To reflect 2.5% wage increase per year less 1% rate year productivity offset \$ 12,783

d) Inflation at 2.3% per year \$ 79,368

f) Per Comptroller Bill

Workers Compensation	\$	153	
Health Insurance	\$	3,203	
All Other Non-Labor Expense	\$	5,901	
Total			\$ 9,257

e) Pension - To reflect latest invoice from Comptrollers Office \$ 2,167

f) To reflect latest write off level \$ (319)

g) Taxes and PILOT - to reflect cost escalation rate of 2% per year \$ 3,901

h) 18a Assessment - to reflect most current assessment rate \$ -

l) Rate Case Expense - to reflect 3 year amortization of contract amount \$ 9,000

Municipal Commission of Boonville
Electric Department
Historic Balance Sheets
As of May 31,

	2013	2014	2015	2016
ASSETS				
Cash & Cash Equivalents	961,085	661,676	463,864	307,860
Working Funds	800	800	800	800
Depreciation Funds	32,008	32,009	32,006	32,006
Miscellaneous Investments	\$0	\$0	\$0	\$0
Misc Special Funds	\$282,811	\$426,933	\$501,014	\$703,219
Receivable-Municipality	\$61,580	\$89,808	\$98,175	\$93,677
Accounts Receivable	\$456,924	\$655,639	\$499,116	\$378,998
Materials & Supplies	\$204,445	\$206,937	\$188,178	\$192,651
Prepaid Expenses	\$84,946	\$84,313	\$72,292	\$80,543
Property, Plant & Equipment	\$7,797,157	\$7,934,702	\$9,525,598	\$9,854,167
Construction WIP	\$28,820	\$1,350,933	\$167,644	\$0
Total Assets	<u>\$9,910,576</u>	<u>\$11,443,750</u>	<u>\$11,548,687</u>	<u>\$11,643,921</u>
LIABILITIES AND RETAINED EARNINGS				
Payable to Operating Municipality	11,217	7,452	8,608	7,092
Account Payable	183,236	218,158	123,563	147,144
Customer Deposits	93,760	100,483	106,308	112,504
Accrued Taxes				
Interest Accrued	\$0	\$11,058	\$8,314	\$8,342
Misc Current Liabilities	\$45,300	\$50,001	\$54,250	\$58,001
Depreciation Reserves	\$4,501,904	\$4,720,736	\$4,975,953	\$5,210,169
Amortization Reserve	\$0	\$0	\$0	\$0
Misc Reserve	\$76,792			\$0
Reserve for Uncollectible	\$4,949	\$1,058	\$3,195	\$5,258
Notes Payable	\$0	\$1,300,000	\$1,200,000	\$1,100,000
Contributions for Extensions	\$1,173,139	\$1,181,070	\$1,217,573	\$1,338,544
Bonds Payable				
Total Liabilities	<u>\$6,090,297</u>	<u>\$7,590,016</u>	<u>\$7,697,764</u>	<u>\$7,987,054</u>
Retained Earnings:				
Contributions - Operating Municipality	(\$2,488,814)	(\$2,568,232)	(\$2,648,479)	(\$2,732,897)
Total Surplus	6,309,093	6,421,966	6,499,402	6,389,762
Total Retained Earnings	<u>\$3,820,279</u>	<u>\$3,853,734</u>	<u>\$3,850,923</u>	<u>\$3,656,865</u>
Total Liabilities and Retained Earnings	<u>\$9,910,576</u>	<u>\$11,443,750</u>	<u>\$11,548,687</u>	<u>\$11,643,919</u>

Municipal Commission of Boonville
Electric Department
Historic Income Statements
For the Years Ended May 31,

	2013	2014	2015	2016
Operating revenues	\$ 4,154,452	\$ 4,902,040	\$ 4,351,865	\$ 3,759,511
Operating Expenses:				
Account # Account Title				
721 Electricity Purchased	\$ 2,898,644	\$ 3,652,007	\$ 3,024,214	\$ 2,679,277
721 National Grid ROE Refund	\$ -	\$ -	\$ -	\$ (65,312)
722 Purchased Electricity Expense	\$ 372	\$ 384	\$ 384	\$ 384
736 Repairs Poles, Towers & Fixtures	\$ 4,796	\$ 7,981	\$ 3,645	\$ 2,930
738 Depre of Poles, Towers & Fixtures	\$ 61,793	\$ 65,193	\$ 67,035	\$ 68,297
741.1 Distribution Super. And Engineering	\$ 29,016	\$ 29,862	\$ 29,943	\$ 31,348
741.2 Operation of Distribution Substations	\$ 5,007	\$ 5,454	\$ 7,929	\$ 3,583
741.4 Operation of Distribution Lines	\$ 136,566	\$ 121,698	\$ 151,167	\$ 131,808
741.5 Operation of Consumers' Meters	\$ 11,248	\$ 12,589	\$ 14,331	\$ 18,234
742.1 Repairs to Distribution Structure & Equip	\$ 13,189	\$ 8,050	\$ 7,390	\$ 11,909
742.4 Repairs to Overhead Distribution Cond.	\$ 100,572	\$ 86,323	\$ 94,330	\$ 101,259
742.7 Repairs to Services	\$ 17,727	\$ 22,521	\$ 19,545	\$ 14,042
742.8 Test & Repair Consumers' Meters	\$ 16,350	\$ 16,407	\$ 17,789	\$ 9,956
742.9 Repairs to Other Property on Cons. Premises	\$ 10,695	\$ 12,443	\$ 13,769	\$ 12,730
743 Depreciation of Distribution Property	\$ 123,818	\$ 123,782	\$ 133,082	\$ 169,453
752 Repairs to St Lighting & Sig System	\$ 7,582	\$ 8,841	\$ 14,267	\$ 16,415
761 Consumer Accounting & Collection	\$ 110,234	\$ 114,355	\$ 120,080	\$ 108,529
772 Selling & Jobbing	\$ (2,797)	\$ (1,630)	\$ (18,099)	\$ (2,397)
781 General Office Salaries & Expenses	\$ 108,242	\$ 116,363	\$ 114,946	\$ 118,119
782 Management Service	\$ 1,378	\$ 4,962	\$ -	\$ -
783 Insurance, Injuries & Damages	\$ 5,196	\$ 2,856	\$ 5,653	\$ 11,759
784 Regulatory Commission Expense	\$ 9,781	\$ 2,291	\$ 9,588	\$ 6,000
785 Other General Expenses	\$ 437,680	\$ 464,019	\$ 497,174	\$ 423,133
787 Repairs to General Property	\$ 110,042	\$ 128,304	\$ 126,378	\$ 157,256
788 Depreciation of General Property	\$ 19,805	\$ 19,779	\$ 19,695	\$ 20,286
792 Misc Expense Transferred	\$ (361,367)	\$ (394,927)	\$ (376,464)	\$ (366,500)
Total Operating Expenses-Electric	\$ 3,875,569	\$ 4,629,907	\$ 4,097,771	\$ 3,682,498
Gross Operating Income	\$ 278,883	\$ 272,133	\$ 254,094	\$ 77,012
403 Taxes - Electric	\$ 99,612	\$ 99,171	\$ 103,084	\$ 116,063
404 Uncollectible Revenue	\$ 600	\$ 1,800	\$ 11,750	\$ 7,200
442 Interest Revenues	\$ 1,934	\$ 1,612	\$ 1,481	\$ 1,285
451 Interest on Long Term Debt	\$ 1,363			
452 Misc Interest Deductions-BAN	\$ 624	\$ 301	\$ 4,147	\$ 21,007
459 PSC Temporary Assessment	\$ 85,313	\$ 59,601	\$ 59,158	\$ 43,668
Net Income	\$ 89,437	\$ 109,648	\$ 74,474	\$ (112,211)

Exhibit 6

Municipal Commission of Boonville
Electric Department
Revenues by Rate Class and kWh Sales
Fiscal Years Ending May 31,

		2013	2014	2015	2016
<u>Acct. No.</u>	<u>Operating Revenues</u>				
601	Residential Sales	\$2,481,659	\$3,026,363	\$2,591,808	\$2,145,927
602	Commercial	286,662	334,379	306,452	263,128
603	Industrial	1,209,749	1,361,126	1,275,705	1,136,255
604	Public St Lighting-Oper Mun	21,445	22,374	21,534	21,066
605	Public St Lighting-Other	4,945	5,124	5,064	5,132
606	Other Sales to Operating Municipality	23,182	27,648	24,547	22,159
607	Other Sales to Other Public Authorities	927	1,141	1,018	971
610	Security Lighting	<u>38,137</u>	<u>40,677</u>	<u>39,640</u>	<u>39,167</u>
	Total	<u>\$4,066,706</u>	<u>\$4,818,832</u>	<u>\$4,265,768</u>	<u>\$3,633,805</u>
	<u>kWh Sales</u>				
601	Residential Sales	49,607,945	53,087,105	50,698,136	45,960,759
602	Commercial	4,698,075	4,939,587	4,950,809	4,474,527
603	Industrial	24,176,046	24,821,768	25,281,020	23,394,016
604	Public St Lighting-Oper Mun	252,840	251,360	251,760	252,440
605	Public St Lighting-Other	39,360	39,360	40,000	41,280
606	Other Sales to Operating Municipality	362,062	398,238	395,822	368,186
607	Other Sales to Other Public Authorities	13,425	15,282	14,619	14,887
610	Security Lighting	<u>540,735</u>	<u>540,666</u>	<u>547,952</u>	<u>552,976</u>
	Total	<u>79,690,488</u>	<u>84,093,366</u>	<u>82,180,118</u>	<u>75,059,071</u>

Exhibit 7

Municipal Commission of Boonville
Electric Department
Number of Customers

	2013	2014	2015	2016
Month	Number of Customers	Number of Customers	Number of Customers	Number of Customers
June	3,344	3,340	3,362	3,283
July	3,350	3,354	3,360	3,375
August	3,346	3,353	3,366	3,378
Sept	3,349	3,345	3,363	3,376
Oct	3,352	3,355	3,364	3,375
Nov	3,358	3,346	3,368	3,384
Dec	3,353	3,352	3,375	3,392
Jan	3,351	3,349	3,371	3,390
Feb	3,348	3,336	3,369	3,389
March	3,354	3,346	3,372	3,388
April	3,354	3,356	3,380	3,393
May	3,345	3,356	3,366	3,369
TOTALS	40,204	40,188	40,416	40,492
Account 601	33,890	33,834	34,011	34,040
Account 602	5,095	5,179	5,249	5,295
Account 603	870	834	802	791
Account 604	24	24	24	24
Account 605	60	60	60	60
Account 606	205	197	209	222
Account 607	60	60	61	60
Account 610	0			
TOTALS	40,204	40,188	40,416	40,492

Source Data: PSC Annual Reports, poage 301

Municipal Commission of Boonville
Electric Department
Capital Structure and Rate of Return

	<u>ProForma Amount</u>	<u>%</u>	<u>Cost Rate</u>	<u>Rate of Return</u>
Long-term debt	1,100,000	14.5%	3.00%	0.43%
Customer deposits	112,504	1.5%	0.70%	0.01%
Net surplus	<u>6,389,762</u>	<u>84.1%</u>	3.30%	<u>2.77%</u>
Total	<u><u>7,602,266</u></u>	100.0%		<u><u>3.22%</u></u>

Exhibit 9

Municipal Commission of Boonville
Electric Department
Rate Base

	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>
Gross Plant				
Operating Property	\$7,797,157 ##	\$7,934,702 ##	\$9,525,598	\$9,854,167
Construction Work in Progress	<u>28,820 0</u>	<u>1,350,933 0</u>	<u>167,644</u>	<u>0</u>
Total Gross Plant	7,825,977	9,285,635	9,693,242	9,854,167
Depreciation Reserve	4,501,904	4,720,736	4,975,953	5,210,169
Amortization Reserves	0	0	0	0
Contributions for Extensions	<u>1,173,139</u>	<u>1,181,070</u>	<u>1,217,573</u>	<u>1,338,544</u>
Total Net Plant	2,150,934	3,383,829	3,499,716	3,305,454
Materials & Supplies	204,445	206,937	188,178	192,651
Prepayments	84,946	84,313	72,292	80,543
Rate Case Expense	0	0	0	27,000
Working Capital				
Total Operating Expenses	3,875,569	4,629,907	4,097,771	3,905,654
Purchased Power	2,898,644	3,652,007	3,024,214	2,643,431
Depreciation	205,416	208,754	219,812	258,036
PILOT/Other Tqxes	0	0	0	0
Uncollectibles	<u>600</u>	<u>1,800</u>	<u>11,750</u>	<u>6,881</u>
Net Expenses	770,909	767,346	841,995	997,306
Working Capital Required @ 1/8	96,364	95,918	105,249	124,663
Working Capital Required @ 1/12	<u>241,554</u>	<u>304,334</u>	<u>252,018</u>	<u>220,286</u>
Year End Total Rate Base	<u><u>\$2,778,242</u></u>	<u><u>\$4,075,331</u></u>	<u><u>\$4,117,453</u></u>	<u><u>\$3,950,597</u></u>

Municipal Commission of Boonville
Electric Department
Factor of Adjustment

	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>
KWH Sold	79,711,833	75,212,612	79,690,488	84,093,366	82,180,118	75,059,071
KWH Purchased	86,878,273	82,065,191	86,273,711	92,122,961	90,384,668	82,282,345
Factor of Adjustment	1.0899	1.0911	1.0826	1.0955	1.0998	1.0962
Six Year Average						1.0926

Municipal Commission of Boonville
Electric Department
Comparison of Present and Proposed Rates

	<u>Present Rate</u>	<u>Proposed Rate</u>	<u>Proposed Rate</u>	<u>Proposed Rate</u>
<u>Service Classification No. 1 - Residential</u>		Yr 1	Yr 2	Yr 3
Customer Service Charge - per month	\$ 2.00	\$ 3.50	\$ 5.00	\$ 6.50
Energy Charge (per kWh)				
Summer	\$ 0.0297	\$ 0.0306	\$ 0.0293	\$ 0.0279
Winter 0-2,000	\$ 0.0297	\$ 0.0306	\$ 0.0293	\$ 0.0279
Winter >2,000	\$ 0.0535	\$ 0.0535	\$ 0.0535	\$ 0.0535
<u>Service Classification No. 1A - Large Residential & Agricultural</u>				
Customer Service Charge - per month	\$ 2.00	\$ 3.50	\$ 5.00	\$ 6.50
Energy Charge (per kWh)				
Summer	\$ 0.0297	\$ 0.0324	\$ 0.0319	\$ 0.0314
Winter 0-2,000	\$ 0.0297	\$ 0.0324	\$ 0.0319	\$ 0.0314
Winter >2,000	\$ 0.0455	\$ 0.0455	\$ 0.0455	\$ 0.0455
<u>Service Classification No. 2 - General Service Non Demand Metered</u>				
Customer Service Charge - per month	\$ 2.00	\$ 3.50	\$ 5.00	\$ 6.50
Energy Charge (per kWh)				
Summer	\$ 0.0390	\$ 0.0397	\$ 0.0382	\$ 0.0367
Winter	\$ 0.0490	\$ 0.0499	\$ 0.0480	\$ 0.0461
	<u>Present Rate</u>	<u>Proposed Rate</u>	<u>Increase</u>	<u>% Increase</u>
<u>Service Classification No. 3 - General Service Demand Metered</u>				
Demand Charge, per KW	\$ 4.00	4.22	0.22	5.53%
Energy Charge, kWh				
Summer	\$ 0.02320	0.02448	0.00128	5.53%
<u>Service Classification No. 5 - Private Outdoor Lighting</u>				
Facilities Charge, per fixture				
100 Watt Sodium Vapor	\$ 3.80	4.01032	0.21032	5.53%
175 Watt Mercury Vapor	\$ 3.80	4.01032	0.21032	5.53%
250 Watt Mercury Vapor	\$ 5.00	5.27673	0.27673	5.53%
400 Watt Mercury Vapor	\$ 7.05	7.44019	0.39019	5.53%
250 Watt High Pressure Sodium	\$ 7.05	7.44019	0.39019	5.53%
1000 Watt, Multivapor	\$ 15.25	16.09403	0.84403	5.53%
<u>Service Classification No. 6 - Street Lighting</u>				
Facilities Charge, per lamp	\$ 4.05	4.27415	0.22415	5.53%
Energy Charge, per kWh	\$ 0.01330	0.01404	0.00074	5.53%

**Municipal Commission of Boonville
Electric Department
Comparison of Monthly Bills
Rate Increase Only**

Summer

Service Classification No. 1 - Residential

kWh Used	Present					Proposed					\$ Increase	% Increase	Annual Increase
	Customer Charge	Energy Charge	*PPAC	Total	Customer Charge	Energy Charge	*PPAC	Total					
0	\$ 2.00	\$ -	\$ -	\$ 2.00	\$ 3.50	\$ -	\$ -	\$ 3.50	\$ 1.50	75.0%	\$ 18.00		
25	\$ 2.00	\$ 0.74	\$ 0.15	\$ 2.89	\$ 3.50	\$ 0.77	\$ 0.15	\$ 4.41	\$ 1.52	52.7%	\$ 18.28		
50	\$ 2.00	\$ 1.49	\$ 0.30	\$ 3.78	\$ 3.50	\$ 1.53	\$ 0.30	\$ 5.33	\$ 1.55	40.9%	\$ 18.56		
75	\$ 2.00	\$ 2.23	\$ 0.44	\$ 4.67	\$ 3.50	\$ 2.30	\$ 0.44	\$ 6.24	\$ 1.57	33.6%	\$ 18.84		
100	\$ 2.00	\$ 2.97	\$ 0.59	\$ 5.56	\$ 3.50	\$ 3.06	\$ 0.59	\$ 7.16	\$ 1.59	28.6%	\$ 19.11		
150	\$ 2.00	\$ 4.46	\$ 0.89	\$ 7.34	\$ 3.50	\$ 4.59	\$ 0.89	\$ 8.98	\$ 1.64	22.3%	\$ 19.67		
250	\$ 2.00	\$ 7.43	\$ 1.48	\$ 10.91	\$ 3.50	\$ 7.66	\$ 1.48	\$ 12.64	\$ 1.73	15.9%	\$ 20.78		
400	\$ 2.00	\$ 11.88	\$ 2.37	\$ 16.25	\$ 3.50	\$ 12.25	\$ 2.37	\$ 18.12	\$ 1.87	11.5%	\$ 22.45		
500	\$ 2.00	\$ 14.85	\$ 2.97	\$ 19.82	\$ 3.50	\$ 15.31	\$ 2.97	\$ 21.78	\$ 1.96	9.9%	\$ 23.57		
804	\$ 2.00	\$ 23.88	\$ 4.77	\$ 30.65	\$ 3.50	\$ 24.62	\$ 4.77	\$ 32.89	\$ 2.25	7.3%	\$ 26.95		
1,000	\$ 2.00	\$ 29.70	\$ 5.93	\$ 37.63	\$ 3.50	\$ 30.63	\$ 5.93	\$ 40.06	\$ 2.43	6.5%	\$ 29.13		
1,356	\$ 2.00	\$ 40.27	\$ 8.04	\$ 50.31	\$ 3.50	\$ 41.53	\$ 8.04	\$ 53.07	\$ 2.76	5.5%	\$ 33.10		
1,500	\$ 2.00	\$ 44.55	\$ 8.90	\$ 55.45	\$ 3.50	\$ 45.94	\$ 8.90	\$ 58.34	\$ 2.89	5.2%	\$ 34.70		
2,000	\$ 2.00	\$ 59.40	\$ 11.86	\$ 73.26	\$ 3.50	\$ 61.26	\$ 11.86	\$ 76.62	\$ 3.36	4.6%	\$ 40.27		
2,100	\$ 2.00	\$ 62.37	\$ 12.45	\$ 76.82	\$ 3.50	\$ 64.32	\$ 12.45	\$ 80.27	\$ 3.45	4.5%	\$ 41.38		
2,500	\$ 2.00	\$ 74.25	\$ 14.83	\$ 91.08	\$ 3.50	\$ 76.57	\$ 14.83	\$ 94.89	\$ 3.82	4.2%	\$ 45.83		
3,000	\$ 2.00	\$ 89.10	\$ 17.79	\$ 108.89	\$ 3.50	\$ 91.88	\$ 17.79	\$ 113.17	\$ 4.28	3.9%	\$ 51.40		
4,000	\$ 2.00	\$ 118.80	\$ 23.72	\$ 144.52	\$ 3.50	\$ 122.51	\$ 23.72	\$ 149.73	\$ 5.21	3.6%	\$ 62.53		
5,000	\$ 2.00	\$ 148.50	\$ 29.65	\$ 180.15	\$ 3.50	\$ 153.14	\$ 29.65	\$ 186.29	\$ 6.14	3.4%	\$ 73.67		
6,000	\$ 2.00	\$ 178.20	\$ 35.58	\$ 215.78	\$ 3.50	\$ 183.77	\$ 35.58	\$ 222.85	\$ 7.07	3.3%	\$ 84.80		

*PPAC: 0.00593 FY '16 Average Usage Summer 875

**Municipal Commission of Boonville
Electric Department
Comparison of Monthly Bills**

Summer

Rate Increase Only

Service Classification No. 2 - General Service Non Demand Metered

kWh Used	Present					Proposed					\$ Increase	% Increase	Annual Increase
	Customer Charge	Energy Charge	*PPAC	Total	Customer Charge	Energy Charge	*PPAC	Total					
0	\$ 2.00	\$ -	\$ -	\$ 2.00	\$ 3.50	\$ -	\$ -	\$ 3.50	\$ 1.50	75.0%	\$ 18.00		
2	\$ 2.00	\$ 0.08	\$ 0.01	\$ 2.09	\$ 3.50	\$ 0.08	\$ 0.01	\$ 3.59	\$ 1.50	71.9%	\$ 18.02		
10	\$ 2.00	\$ 0.39	\$ 0.06	\$ 2.45	\$ 3.50	\$ 0.40	\$ 0.06	\$ 3.96	\$ 1.51	61.6%	\$ 18.09		
25	\$ 2.00	\$ 0.98	\$ 0.14	\$ 3.12	\$ 3.50	\$ 0.99	\$ 0.14	\$ 4.64	\$ 1.52	48.7%	\$ 18.22		
50	\$ 2.00	\$ 1.95	\$ 0.29	\$ 4.24	\$ 3.50	\$ 1.99	\$ 0.29	\$ 5.78	\$ 1.54	36.3%	\$ 18.44		
75	\$ 2.00	\$ 2.93	\$ 0.43	\$ 5.36	\$ 3.50	\$ 2.98	\$ 0.43	\$ 6.91	\$ 1.55	29.0%	\$ 18.66		
100	\$ 2.00	\$ 3.90	\$ 0.58	\$ 6.48	\$ 3.50	\$ 3.97	\$ 0.58	\$ 8.05	\$ 1.57	24.3%	\$ 18.88		
150	\$ 2.00	\$ 5.85	\$ 0.87	\$ 8.72	\$ 3.50	\$ 5.96	\$ 0.87	\$ 10.33	\$ 1.61	18.5%	\$ 19.32		
200	\$ 2.00	\$ 7.80	\$ 1.15	\$ 10.95	\$ 3.50	\$ 7.95	\$ 1.15	\$ 12.60	\$ 1.65	15.0%	\$ 19.76		
250	\$ 2.00	\$ 9.75	\$ 1.44	\$ 13.19	\$ 3.50	\$ 9.93	\$ 1.44	\$ 14.88	\$ 1.68	12.8%	\$ 20.20		
500	\$ 2.00	\$ 19.50	\$ 2.89	\$ 24.39	\$ 3.50	\$ 19.87	\$ 2.89	\$ 26.25	\$ 1.87	7.7%	\$ 22.40		
750	\$ 2.00	\$ 29.25	\$ 4.33	\$ 35.58	\$ 3.50	\$ 29.80	\$ 4.33	\$ 37.63	\$ 2.05	5.8%	\$ 24.60		
1,000	\$ 2.00	\$ 39.00	\$ 5.77	\$ 46.77	\$ 3.50	\$ 39.73	\$ 5.77	\$ 49.00	\$ 2.23	4.8%	\$ 26.79		
1,500	\$ 2.00	\$ 58.50	\$ 8.66	\$ 69.16	\$ 3.50	\$ 59.60	\$ 8.66	\$ 71.75	\$ 2.60	3.8%	\$ 31.19		
1,882	\$ 2.00	\$ 73.40	\$ 10.86	\$ 86.26	\$ 3.50	\$ 74.78	\$ 10.86	\$ 89.14	\$ 2.88	3.3%	\$ 34.55		
2,000	\$ 2.00	\$ 78.00	\$ 11.54	\$ 91.54	\$ 3.50	\$ 79.47	\$ 11.54	\$ 94.51	\$ 2.97	3.2%	\$ 35.59		
2,500	\$ 2.00	\$ 97.50	\$ 14.43	\$ 113.93	\$ 3.50	\$ 99.33	\$ 14.43	\$ 117.26	\$ 3.33	2.9%	\$ 39.99		
3,000	\$ 2.00	\$ 117.00	\$ 17.31	\$ 136.31	\$ 3.50	\$ 119.20	\$ 17.31	\$ 140.01	\$ 3.70	2.7%	\$ 44.38		
4,000	\$ 2.00	\$ 156.00	\$ 23.08	\$ 181.08	\$ 3.50	\$ 158.93	\$ 23.08	\$ 185.51	\$ 4.43	2.4%	\$ 53.18		
5,000	\$ 2.00	\$ 195.00	\$ 28.85	\$ 225.85	\$ 3.50	\$ 198.66	\$ 28.85	\$ 231.01	\$ 5.16	2.3%	\$ 61.97		

*PPAC: 0.00577 FY '16 Average Usage Summer 651

**Municipal Commission of Boonville
Electric Department
Comparison of Monthly Bills**

Summer

Rate Increase Only

Service Classification No. 3 - General Service Demand

kW	kWh Used	Present				Proposed				\$ Increase	% Increase	Annual Increase
		Demand Charge	Energy Charge	*PPAC	Total	Demand Charge	Energy Charge	*PPAC	Total			
25	6,510	\$ 100.00	\$ 151.03	\$ 37	\$ 288	\$ 105.50	\$ 159.36	\$ 37	\$ 301	\$ 13.83	4.8%	\$ 165.99
25	8,370	\$ 100.00	\$ 194.18	\$ 47	\$ 341	\$ 105.50	\$ 204.90	\$ 47	\$ 357	\$ 16.21	4.8%	\$ 194.56
25	10,230	\$ 100.00	\$ 237.34	\$ 57	\$ 395	\$ 105.50	\$ 250.43	\$ 57	\$ 413	\$ 18.59	4.7%	\$ 223.13
25	12,090	\$ 100.00	\$ 280.49	\$ 68	\$ 448	\$ 105.50	\$ 295.96	\$ 68	\$ 469	\$ 20.98	4.7%	\$ 251.70
50	13,020	\$ 200.00	\$ 302.06	\$ 73	\$ 575	\$ 211.00	\$ 318.73	\$ 73	\$ 603	\$ 27.67	4.8%	\$ 331.99
50	16,740	\$ 200.00	\$ 388.37	\$ 94	\$ 682	\$ 211.00	\$ 409.80	\$ 94	\$ 715	\$ 32.43	4.8%	\$ 389.13
50	20,460	\$ 200.00	\$ 474.67	\$ 115	\$ 789	\$ 211.00	\$ 500.86	\$ 115	\$ 827	\$ 37.19	4.7%	\$ 446.27
50	24,180	\$ 200.00	\$ 560.98	\$ 136	\$ 897	\$ 211.00	\$ 591.93	\$ 136	\$ 939	\$ 41.95	4.7%	\$ 503.40
75	19,530	\$ 300.00	\$ 453.10	\$ 110	\$ 863	\$ 316.50	\$ 478.09	\$ 110	\$ 904	\$ 41.50	4.8%	\$ 497.98
75	25,110	\$ 300.00	\$ 582.55	\$ 141	\$ 1,023	\$ 316.50	\$ 614.69	\$ 141	\$ 1,072	\$ 48.64	4.8%	\$ 583.69
75	30,690	\$ 300.00	\$ 712.01	\$ 172	\$ 1,184	\$ 316.50	\$ 751.29	\$ 172	\$ 1,240	\$ 55.78	4.7%	\$ 669.40
75	36,270	\$ 300.00	\$ 841.46	\$ 203	\$ 1,345	\$ 316.50	\$ 887.89	\$ 203	\$ 1,408	\$ 62.93	4.7%	\$ 755.11
1000	260,400	\$ 4,000.00	\$ 6,041.28	\$ 1,461	\$ 11,502	\$ 4,220.00	\$ 6,374.59	\$ 1,461	\$ 12,055	\$ 553.31	4.8%	\$ 6,639.74
1000	334,800	\$ 4,000.00	\$ 7,767.36	\$ 1,878	\$ 13,646	\$ 4,220.00	\$ 8,195.90	\$ 1,878	\$ 14,294	\$ 648.54	4.8%	\$ 7,782.53
1000	409,200	\$ 4,000.00	\$ 9,493.44	\$ 2,296	\$ 15,789	\$ 4,220.00	\$ 10,017.22	\$ 2,296	\$ 16,533	\$ 743.78	4.7%	\$ 8,925.31
1000	483,600	\$ 4,000.00	\$ 11,219.52	\$ 2,713	\$ 17,933	\$ 4,220.00	\$ 11,838.53	\$ 2,713	\$ 18,772	\$ 839.01	4.7%	\$ 10,068.10

*PPAC: 0.00561 FY '16

Municipal Commission of Boonville
Electric Department
Comparison of Monthly Bills
Rate Increase Only

Winter

Service Classification No. 1 - Residential

kWh Used	Present						Proposed				\$ Increase	% Increase	Annual Increase
	Customer Charge	Energy Charge	*PPAC		Total		Customer Charge	Energy Charge	*PPAC	Total			
0	\$ 2.00	\$ -	\$ -		2.00	\$ 3.50	\$ -	\$ -		3.50	\$ 1.50	75.0%	\$ 18
25	\$ 2.00	\$ 0.74	\$ 0.34		3.08	\$ 3.50	\$ 0.77	\$ 0.34		4.61	\$ 1.52	49.4%	\$ 18
50	\$ 2.00	\$ 1.49	\$ 0.68		4.17	\$ 3.50	\$ 1.53	\$ 0.68		5.71	\$ 1.55	37.1%	\$ 19
75	\$ 2.00	\$ 2.23	\$ 1.02		5.25	\$ 3.50	\$ 2.30	\$ 1.02		6.82	\$ 1.57	29.9%	\$ 19
100	\$ 2.00	\$ 2.97	\$ 1.36		6.33	\$ 3.50	\$ 3.06	\$ 1.36		7.92	\$ 1.59	25.2%	\$ 19
150	\$ 2.00	\$ 4.46	\$ 2.04		8.50	\$ 3.50	\$ 4.59	\$ 2.04		10.13	\$ 1.64	19.3%	\$ 20
250	\$ 2.00	\$ 7.43	\$ 3.40		12.83	\$ 3.50	\$ 7.66	\$ 3.40		14.56	\$ 1.73	13.5%	\$ 21
400	\$ 2.00	\$ 11.88	\$ 5.44		19.32	\$ 3.50	\$ 12.25	\$ 5.44		21.19	\$ 1.87	9.7%	\$ 22
500	\$ 2.00	\$ 14.85	\$ 6.80		23.65	\$ 3.50	\$ 15.31	\$ 6.80		25.61	\$ 1.96	8.3%	\$ 24
804	\$ 2.00	\$ 23.88	\$ 10.93		36.81	\$ 3.50	\$ 24.62	\$ 10.93		39.06	\$ 2.25	6.1%	\$ 27
1,000	\$ 2.00	\$ 29.70	\$ 13.60		45.30	\$ 3.50	\$ 30.63	\$ 13.60		47.73	\$ 2.43	5.4%	\$ 29
1,356	\$ 2.00	\$ 40.27	\$ 18.44		60.71	\$ 3.50	\$ 41.53	\$ 18.44		63.47	\$ 2.76	4.5%	\$ 33
1,725	\$ 2.00	\$ 51.23	\$ 23.46		76.69	\$ 3.50	\$ 52.83	\$ 23.46		79.79	\$ 3.10	4.0%	\$ 37
2,000	\$ 2.00	\$ 59.40	\$ 27.20		88.60	\$ 3.50	\$ 61.26	\$ 27.20		91.96	\$ 3.36	3.8%	\$ 40
2,100	\$ 2.00	\$ 64.75	\$ 28.56		95.31	\$ 3.50	\$ 66.61	\$ 28.56		98.67	\$ 3.36	3.5%	\$ 40
2,500	\$ 2.00	\$ 86.15	\$ 34.00		122.15	\$ 3.50	\$ 88.01	\$ 34.00		125.51	\$ 3.36	2.7%	\$ 40
3,000	\$ 2.00	\$ 112.90	\$ 40.80		155.70	\$ 3.50	\$ 114.76	\$ 40.80		159.06	\$ 3.36	2.2%	\$ 40
4,000	\$ 2.00	\$ 166.40	\$ 54.40		222.80	\$ 3.50	\$ 168.26	\$ 54.40		226.16	\$ 3.36	1.5%	\$ 40
5,000	\$ 2.00	\$ 219.90	\$ 68.00		289.90	\$ 3.50	\$ 221.76	\$ 68.00		293.26	\$ 3.36	1.2%	\$ 40
6,000	\$ 2.00	\$ 273.40	\$ 81.60		357.00	\$ 3.50	\$ 275.26	\$ 81.60		360.36	\$ 3.36	0.9%	\$ 40
*PPAC:	0.0136 FY '16						Average Usage Winter 1,725						

Municipal Commission of Boonville
Electric Department
Comparison of Monthly Bills

Winter

Rate Increase Only

Service Classification No. 2 - General Service Non Demand Metered

kWh Used	Present						Proposed						\$ Increase	% Increase	Annual Increase
	Customer Charge	Energy Charge	*PPAC		Total		Customer Charge	Energy Charge	*PPAC		Total				
0	\$ 2.00	\$ -	\$ -		\$ 2.00		\$ 3.50	\$ -	\$ -		\$ 3.50		\$ 1.50	75.0%	\$ 18
2	\$ 2.00	\$ 0.10	\$ 0.03		\$ 2.13		\$ 3.50	\$ 0.10	\$ 0.03		\$ 3.63		\$ 1.50	70.7%	\$ 18
10	\$ 2.00	\$ 0.49	\$ 0.14		\$ 2.63		\$ 3.50	\$ 0.50	\$ 0.14		\$ 4.14		\$ 1.51	57.4%	\$ 18
25	\$ 2.00	\$ 1.23	\$ 0.34		\$ 3.57		\$ 3.50	\$ 1.25	\$ 0.34		\$ 5.09		\$ 1.52	42.7%	\$ 18
50	\$ 2.00	\$ 2.45	\$ 0.69		\$ 5.14		\$ 3.50	\$ 2.50	\$ 0.69		\$ 6.68		\$ 1.55	30.1%	\$ 19
75	\$ 2.00	\$ 3.68	\$ 1.03		\$ 6.71		\$ 3.50	\$ 3.74	\$ 1.03		\$ 8.28		\$ 1.57	23.4%	\$ 19
100	\$ 2.00	\$ 4.90	\$ 1.38		\$ 8.28		\$ 3.50	\$ 4.99	\$ 1.38		\$ 9.87		\$ 1.59	19.2%	\$ 19
150	\$ 2.00	\$ 7.35	\$ 2.06		\$ 11.41		\$ 3.50	\$ 7.49	\$ 2.06		\$ 13.05		\$ 1.64	14.4%	\$ 20
200	\$ 2.00	\$ 9.80	\$ 2.75		\$ 14.55		\$ 3.50	\$ 9.98	\$ 2.75		\$ 16.23		\$ 1.68	11.6%	\$ 20
250	\$ 2.00	\$ 12.25	\$ 3.44		\$ 17.69		\$ 3.50	\$ 12.48	\$ 3.44		\$ 19.42		\$ 1.73	9.8%	\$ 21
500	\$ 2.00	\$ 24.50	\$ 6.88		\$ 33.38		\$ 3.50	\$ 24.96	\$ 6.88		\$ 35.34		\$ 1.96	5.9%	\$ 24
750	\$ 2.00	\$ 36.75	\$ 10.31		\$ 49.06		\$ 3.50	\$ 37.44	\$ 10.31		\$ 51.25		\$ 2.19	4.5%	\$ 26
1,000	\$ 2.00	\$ 49.00	\$ 13.75		\$ 64.75		\$ 3.50	\$ 49.92	\$ 13.75		\$ 67.17		\$ 2.42	3.7%	\$ 29
1,500	\$ 2.00	\$ 73.50	\$ 20.63		\$ 96.13		\$ 3.50	\$ 74.88	\$ 20.63		\$ 99.01		\$ 2.88	3.0%	\$ 35
1,882	\$ 2.00	\$ 92.22	\$ 25.88		\$ 120.10		\$ 3.50	\$ 93.95	\$ 25.88		\$ 123.33		\$ 3.23	2.7%	\$ 39
2,000	\$ 2.00	\$ 98.00	\$ 27.50		\$ 127.50		\$ 3.50	\$ 99.84	\$ 27.50		\$ 130.84		\$ 3.34	2.6%	\$ 40
2,500	\$ 2.00	\$ 122.50	\$ 34.38		\$ 158.88		\$ 3.50	\$ 124.80	\$ 34.38		\$ 162.68		\$ 3.80	2.4%	\$ 46
3,000	\$ 2.00	\$ 147.00	\$ 41.25		\$ 190.25		\$ 3.50	\$ 149.76	\$ 41.25		\$ 194.51		\$ 4.26	2.2%	\$ 51
4,000	\$ 2.00	\$ 196.00	\$ 55.00		\$ 253.00		\$ 3.50	\$ 199.68	\$ 55.00		\$ 258.18		\$ 5.18	2.0%	\$ 62
5,000	\$ 2.00	\$ 245.00	\$ 68.75		\$ 315.75		\$ 3.50	\$ 249.60	\$ 68.75		\$ 321.85		\$ 6.10	1.9%	\$ 73
*PPAC:	0.01375		FY '16				Average Usage Winter		1,037						

Municipal Commission of Boonville
Electric Department
Comparison of Monthly Bills

Winter

Rate Increase Only

Service Classification No. 3 - General Service Demand

kW	kWh	Present				Proposed				\$ Increase	% Increase	Annual Increase
		Demand Charge	Energy Charge	*PPAC	Total	Demand Charge	Energy Charge	*PPAC	Total			
	Used											
25	6,510	\$ 100.00	\$ 151.03	\$ 87	\$ 338	\$ 105.50	\$ 159.36	\$ 87	\$ 352	\$ 13.83	4.1%	\$ 166
25	8,370	\$ 100.00	\$ 194.18	\$ 112	\$ 407	\$ 105.50	\$ 204.90	\$ 112	\$ 423	\$ 16.21	4.0%	\$ 195
25	10,230	\$ 100.00	\$ 237.34	\$ 137	\$ 475	\$ 105.50	\$ 250.43	\$ 137	\$ 493	\$ 18.59	3.9%	\$ 223
25	12,090	\$ 100.00	\$ 280.49	\$ 162	\$ 543	\$ 105.50	\$ 295.96	\$ 162	\$ 564	\$ 20.98	3.9%	\$ 252
50	13,020	\$ 200.00	\$ 302.06	\$ 175	\$ 677	\$ 211.00	\$ 318.73	\$ 175	\$ 704	\$ 27.67	4.1%	\$ 332
50	16,740	\$ 200.00	\$ 388.37	\$ 225	\$ 813	\$ 211.00	\$ 409.80	\$ 225	\$ 845	\$ 32.43	4.0%	\$ 389
50	20,460	\$ 200.00	\$ 474.67	\$ 275	\$ 949	\$ 211.00	\$ 500.86	\$ 275	\$ 986	\$ 37.19	3.9%	\$ 446
50	24,180	\$ 200.00	\$ 560.98	\$ 324	\$ 1,085	\$ 211.00	\$ 591.93	\$ 324	\$ 1,127	\$ 41.95	3.9%	\$ 503
75	19,530	\$ 300.00	\$ 453.10	\$ 262	\$ 1,015	\$ 316.50	\$ 478.09	\$ 262	\$ 1,057	\$ 41.50	4.1%	\$ 498
75	25,110	\$ 300.00	\$ 582.55	\$ 337	\$ 1,220	\$ 316.50	\$ 614.69	\$ 337	\$ 1,268	\$ 48.64	4.0%	\$ 584
75	30,690	\$ 300.00	\$ 712.01	\$ 412	\$ 1,424	\$ 316.50	\$ 751.29	\$ 412	\$ 1,480	\$ 55.78	3.9%	\$ 669
75	36,270	\$ 300.00	\$ 841.46	\$ 487	\$ 1,628	\$ 316.50	\$ 887.89	\$ 487	\$ 1,691	\$ 62.93	3.9%	\$ 755
1000	260,400	\$ 4,000.00	\$ 6,041.28	\$ 3,495	\$ 13,536	\$ 4,220.00	\$ 6,374.59	\$ 3,495	\$ 14,089	\$ 553.31	4.1%	\$ 6,640
1000	334,800	\$ 4,000.00	\$ 7,767.36	\$ 4,493	\$ 16,260	\$ 4,220.00	\$ 8,195.90	\$ 4,493	\$ 16,909	\$ 648.54	4.0%	\$ 7,783
1000	409,200	\$ 4,000.00	\$ 9,493.44	\$ 5,491	\$ 18,985	\$ 4,220.00	\$ 10,017.22	\$ 5,491	\$ 19,729	\$ 743.78	3.9%	\$ 8,925
1000	483,600	\$ 4,000.00	\$ 11,219.52	\$ 6,490	\$ 21,709	\$ 4,220.00	\$ 11,838.53	\$ 6,490	\$ 22,548	\$ 839.01	3.9%	\$ 10,068

*PPAC: 0.01342 FY '16

**Municipal Commission of Boonville
Electric Department
Comparison of Monthly Bills
Rate Increase Only**

Summer

Service Classification No. 1 - Residential

kWh Used	Present					Proposed					\$ Increase	% Increase	Annual Increase
	Customer Charge	Energy Charge	*PPAC		Total	Customer Charge	Energy Charge	*PPAC	Total				
0	\$ 3.50	\$ -	\$ -		\$ 3.50	\$ 5.00	\$ -	\$ -	\$ 5.00	\$ 1.50	42.9%	\$ 18.00	
25	\$ 3.50	\$ 0.77	\$ 0.15		\$ 4.41	\$ 5.00	\$ 0.73	\$ 0.15	\$ 5.88	\$ 1.47	33.2%	\$ 17.59	
50	\$ 3.50	\$ 1.53	\$ 0.30		\$ 5.33	\$ 5.00	\$ 1.46	\$ 0.30	\$ 6.76	\$ 1.43	26.9%	\$ 17.18	
75	\$ 3.50	\$ 2.30	\$ 0.44		\$ 6.24	\$ 5.00	\$ 2.19	\$ 0.44	\$ 7.64	\$ 1.40	22.4%	\$ 16.77	
100	\$ 3.50	\$ 3.06	\$ 0.59		\$ 7.16	\$ 5.00	\$ 2.93	\$ 0.59	\$ 8.52	\$ 1.36	19.1%	\$ 16.36	
150	\$ 3.50	\$ 4.59	\$ 0.89		\$ 8.98	\$ 5.00	\$ 4.39	\$ 0.89	\$ 10.28	\$ 1.29	14.4%	\$ 15.54	
250	\$ 3.50	\$ 7.66	\$ 1.48		\$ 12.64	\$ 5.00	\$ 7.31	\$ 1.48	\$ 13.80	\$ 1.16	9.2%	\$ 13.90	
400	\$ 3.50	\$ 12.25	\$ 2.37		\$ 18.12	\$ 5.00	\$ 11.70	\$ 2.37	\$ 19.08	\$ 0.95	5.3%	\$ 11.43	
500	\$ 3.50	\$ 15.31	\$ 2.97		\$ 21.78	\$ 5.00	\$ 14.63	\$ 2.97	\$ 22.59	\$ 0.82	3.7%	\$ 9.79	
804	\$ 3.50	\$ 24.62	\$ 4.77		\$ 32.89	\$ 5.00	\$ 23.52	\$ 4.77	\$ 33.29	\$ 0.40	1.2%	\$ 4.80	
1,000	\$ 3.50	\$ 30.63	\$ 5.93		\$ 40.06	\$ 5.00	\$ 29.26	\$ 5.93	\$ 40.19	\$ 0.13	0.3%	\$ 1.58	
1,356	\$ 3.50	\$ 41.53	\$ 8.04		\$ 53.07	\$ 5.00	\$ 39.68	\$ 8.04	\$ 52.72	\$ (0.36)	-0.7%	\$ (4.26)	
1,500	\$ 3.50	\$ 45.94	\$ 8.90		\$ 58.34	\$ 5.00	\$ 43.89	\$ 8.90	\$ 57.78	\$ (0.55)	-0.9%	\$ (6.62)	
2,000	\$ 3.50	\$ 61.26	\$ 11.86		\$ 76.62	\$ 5.00	\$ 58.52	\$ 11.86	\$ 75.38	\$ (1.24)	-1.6%	\$ (14.83)	
2,100	\$ 3.50	\$ 64.32	\$ 12.45		\$ 80.27	\$ 5.00	\$ 61.45	\$ 12.45	\$ 78.90	\$ (1.37)	-1.7%	\$ (16.47)	
2,500	\$ 3.50	\$ 76.57	\$ 14.83		\$ 94.89	\$ 5.00	\$ 73.15	\$ 14.83	\$ 92.97	\$ (1.92)	-2.0%	\$ (23.04)	
3,000	\$ 3.50	\$ 91.88	\$ 17.79		\$ 113.17	\$ 5.00	\$ 87.78	\$ 17.79	\$ 110.57	\$ (2.60)	-2.3%	\$ (31.25)	
4,000	\$ 3.50	\$ 122.51	\$ 23.72		\$ 149.73	\$ 5.00	\$ 117.04	\$ 23.72	\$ 145.76	\$ (3.97)	-2.7%	\$ (47.67)	
5,000	\$ 3.50	\$ 153.14	\$ 29.65		\$ 186.29	\$ 5.00	\$ 146.30	\$ 29.65	\$ 180.95	\$ (5.34)	-2.9%	\$ (64.08)	
6,000	\$ 3.50	\$ 183.77	\$ 35.58		\$ 222.85	\$ 5.00	\$ 175.56	\$ 35.58	\$ 216.14	\$ (6.71)	-3.0%	\$ (80.50)	

*PPAC: 0.00593 FY '16 Average Usage Summer 875

**Municipal Commission of Boonville
Electric Department
Comparison of Monthly Bills**

Summer

Rate Increase Only

Service Classification No. 2 - General Service Non Demand Metered

kWh Used	Present					Proposed					\$ Increase	% Increase	Annual Increase
	Customer Charge	Energy Charge	*PPAC		Total	Customer Charge	Energy Charge	*PPAC	Total				
0	\$ 3.50	\$ -	\$ -		\$ 3.50	\$ 5.00	\$ -	\$ -	\$ 5.00	\$ 1.50	42.9%	\$ 18.00	
2	\$ 3.50	\$ 0.08	\$ 0.01		\$ 3.59	\$ 5.00	\$ 0.07	\$ 0.01	\$ 5.08	\$ 1.49	41.6%	\$ 17.93	
10	\$ 3.50	\$ 0.40	\$ 0.06		\$ 3.96	\$ 5.00	\$ 0.37	\$ 0.06	\$ 5.42	\$ 1.47	37.2%	\$ 17.63	
25	\$ 3.50	\$ 0.99	\$ 0.14		\$ 4.64	\$ 5.00	\$ 0.92	\$ 0.14	\$ 6.06	\$ 1.42	30.7%	\$ 17.08	
50	\$ 3.50	\$ 1.99	\$ 0.29		\$ 5.78	\$ 5.00	\$ 1.83	\$ 0.29	\$ 7.12	\$ 1.35	23.3%	\$ 16.16	
75	\$ 3.50	\$ 2.98	\$ 0.43		\$ 6.91	\$ 5.00	\$ 2.75	\$ 0.43	\$ 8.18	\$ 1.27	18.4%	\$ 15.24	
100	\$ 3.50	\$ 3.97	\$ 0.58		\$ 8.05	\$ 5.00	\$ 3.67	\$ 0.58	\$ 9.24	\$ 1.19	14.8%	\$ 14.32	
150	\$ 3.50	\$ 5.96	\$ 0.87		\$ 10.33	\$ 5.00	\$ 5.50	\$ 0.87	\$ 11.37	\$ 1.04	10.1%	\$ 12.48	
200	\$ 3.50	\$ 7.95	\$ 1.15		\$ 12.60	\$ 5.00	\$ 7.33	\$ 1.15	\$ 13.49	\$ 0.89	7.0%	\$ 10.64	
250	\$ 3.50	\$ 9.93	\$ 1.44		\$ 14.88	\$ 5.00	\$ 9.17	\$ 1.44	\$ 15.61	\$ 0.73	4.9%	\$ 8.80	
500	\$ 3.50	\$ 19.87	\$ 2.89		\$ 26.25	\$ 5.00	\$ 18.33	\$ 2.89	\$ 26.22	\$ (0.03)	-0.1%	\$ (0.39)	
750	\$ 3.50	\$ 29.80	\$ 4.33		\$ 37.63	\$ 5.00	\$ 27.50	\$ 4.33	\$ 36.83	\$ (0.80)	-2.1%	\$ (9.59)	
1,000	\$ 3.50	\$ 39.73	\$ 5.77		\$ 49.00	\$ 5.00	\$ 36.67	\$ 5.77	\$ 47.44	\$ (1.57)	-3.2%	\$ (18.79)	
1,500	\$ 3.50	\$ 59.60	\$ 8.66		\$ 71.75	\$ 5.00	\$ 55.00	\$ 8.66	\$ 68.66	\$ (3.10)	-4.3%	\$ (37.18)	
1,882	\$ 3.50	\$ 74.78	\$ 10.86		\$ 89.14	\$ 5.00	\$ 69.01	\$ 10.86	\$ 84.87	\$ (4.27)	-4.8%	\$ (51.24)	
2,000	\$ 3.50	\$ 79.47	\$ 11.54		\$ 94.51	\$ 5.00	\$ 73.33	\$ 11.54	\$ 89.87	\$ (4.63)	-4.9%	\$ (55.58)	
2,500	\$ 3.50	\$ 99.33	\$ 14.43		\$ 117.26	\$ 5.00	\$ 91.67	\$ 14.43	\$ 111.09	\$ (6.16)	-5.3%	\$ (73.97)	
3,000	\$ 3.50	\$ 119.20	\$ 17.31		\$ 140.01	\$ 5.00	\$ 110.00	\$ 17.31	\$ 132.31	\$ (7.70)	-5.5%	\$ (92.37)	
4,000	\$ 3.50	\$ 158.93	\$ 23.08		\$ 185.51	\$ 5.00	\$ 146.67	\$ 23.08	\$ 174.75	\$ (10.76)	-5.8%	\$ (129.16)	
5,000	\$ 3.50	\$ 198.66	\$ 28.85		\$ 231.01	\$ 5.00	\$ 183.34	\$ 28.85	\$ 217.19	\$ (13.83)	-6.0%	\$ (165.95)	

*PPAC: 0.00577 FY '16 Average Usage Summer 651

**Municipal Commission of Boonville
Electric Department
Comparison of Monthly Bills
Rate Increase Only**

Winter

Service Classification No. 1 - Residential

kWh Used	Present					Proposed					\$ Increase	% Increase	Annual Increase
	Customer Charge	Energy Charge	*PPAC		Total	Customer Charge	Energy Charge	*PPAC	Total				
0	\$ 3.50	\$ -	\$ -		\$ 3.50	\$ 5.00	\$ -	\$ -	\$ 5.00	\$ 1.50	42.9%	\$ 18.00	
25	\$ 3.50	\$ 0.77	\$ 0.34		\$ 4.61	\$ 5.00	\$ 0.73	\$ 0.34	\$ 6.07	\$ 1.47	31.8%	\$ 17.59	
50	\$ 3.50	\$ 1.53	\$ 0.68		\$ 5.71	\$ 5.00	\$ 1.46	\$ 0.68	\$ 7.14	\$ 1.43	25.1%	\$ 17.18	
75	\$ 3.50	\$ 2.30	\$ 1.02		\$ 6.82	\$ 5.00	\$ 2.19	\$ 1.02	\$ 8.21	\$ 1.40	20.5%	\$ 16.77	
100	\$ 3.50	\$ 3.06	\$ 1.36		\$ 7.92	\$ 5.00	\$ 2.93	\$ 1.36	\$ 9.29	\$ 1.36	17.2%	\$ 16.36	
150	\$ 3.50	\$ 4.59	\$ 2.04		\$ 10.13	\$ 5.00	\$ 4.39	\$ 2.04	\$ 11.43	\$ 1.29	12.8%	\$ 15.54	
250	\$ 3.50	\$ 7.66	\$ 3.40		\$ 14.56	\$ 5.00	\$ 7.31	\$ 3.40	\$ 15.71	\$ 1.16	8.0%	\$ 13.90	
400	\$ 3.50	\$ 12.25	\$ 5.44		\$ 21.19	\$ 5.00	\$ 11.70	\$ 5.44	\$ 22.14	\$ 0.95	4.5%	\$ 11.43	
500	\$ 3.50	\$ 15.31	\$ 6.80		\$ 25.61	\$ 5.00	\$ 14.63	\$ 6.80	\$ 26.43	\$ 0.82	3.2%	\$ 9.79	
804	\$ 3.50	\$ 24.62	\$ 10.93		\$ 39.06	\$ 5.00	\$ 23.52	\$ 10.93	\$ 39.46	\$ 0.40	1.0%	\$ 4.80	
1,000	\$ 3.50	\$ 30.63	\$ 13.60		\$ 47.73	\$ 5.00	\$ 29.26	\$ 13.60	\$ 47.86	\$ 0.13	0.3%	\$ 1.58	
1,356	\$ 3.50	\$ 41.53	\$ 18.44		\$ 63.47	\$ 5.00	\$ 39.68	\$ 18.44	\$ 63.12	\$ (0.36)	-0.6%	\$ (4.26)	
1,500	\$ 3.50	\$ 45.94	\$ 20.40		\$ 69.84	\$ 5.00	\$ 43.89	\$ 20.40	\$ 69.29	\$ (0.55)	-0.8%	\$ (6.62)	
2,000	\$ 3.50	\$ 61.26	\$ 27.20		\$ 91.96	\$ 5.00	\$ 58.52	\$ 27.20	\$ 90.72	\$ (1.24)	-1.3%	\$ (14.83)	
2,100	\$ 3.50	\$ 66.61	\$ 28.56		\$ 98.67	\$ 5.00	\$ 63.87	\$ 28.56	\$ 97.43	\$ (1.24)	-1.3%	\$ (14.83)	
2,500	\$ 3.50	\$ 88.01	\$ 34.00		\$ 125.51	\$ 5.00	\$ 85.27	\$ 34.00	\$ 124.27	\$ (1.24)	-1.0%	\$ (14.83)	
3,000	\$ 3.50	\$ 114.76	\$ 40.80		\$ 159.06	\$ 5.00	\$ 112.02	\$ 40.80	\$ 157.82	\$ (1.24)	-0.8%	\$ (14.83)	
4,000	\$ 3.50	\$ 168.26	\$ 54.40		\$ 226.16	\$ 5.00	\$ 165.52	\$ 54.40	\$ 224.92	\$ (1.24)	-0.5%	\$ (14.83)	
5,000	\$ 3.50	\$ 221.76	\$ 68.00		\$ 293.26	\$ 5.00	\$ 219.02	\$ 68.00	\$ 292.02	\$ (1.24)	-0.4%	\$ (14.83)	
6,000	\$ 3.50	\$ 275.26	\$ 81.60		\$ 360.36	\$ 5.00	\$ 272.52	\$ 81.60	\$ 359.12	\$ (1.24)	-0.3%	\$ (14.83)	

*PPAC: 0.0136 FY '16

Average Usage Winter 1,725

**Municipal Commission of Boonville
Electric Department
Comparison of Monthly Bills**

Winter

Rate Increase Only

Service Classification No. 2 - General Service Non Demand Metered

kWh	Present					Proposed					\$ Increase	% Increase	Annual Increase
Used	Customer Charge	Energy Charge	*PPAC	Total	Customer Charge	Energy Charge	*PPAC	Total					
0	\$ 3.50	\$ -	\$ -	\$ 3.50	\$ 5.00	\$ -	\$ -	\$ 5.00	\$ 1.50	42.9%	\$ 18.00		
2	\$ 3.50	\$ 0.10	\$ 0.03	\$ 3.63	\$ 5.00	\$ 0.10	\$ 0.03	\$ 5.12	\$ 1.50	41.2%	\$ 17.95		
10	\$ 3.50	\$ 0.50	\$ 0.14	\$ 4.14	\$ 5.00	\$ 0.48	\$ 0.14	\$ 5.62	\$ 1.48	35.8%	\$ 17.77		
25	\$ 3.50	\$ 1.25	\$ 0.34	\$ 5.09	\$ 5.00	\$ 1.20	\$ 0.34	\$ 6.54	\$ 1.45	28.5%	\$ 17.42		
50	\$ 3.50	\$ 2.50	\$ 0.69	\$ 6.68	\$ 5.00	\$ 2.40	\$ 0.69	\$ 8.09	\$ 1.40	21.0%	\$ 16.84		
75	\$ 3.50	\$ 3.74	\$ 1.03	\$ 8.28	\$ 5.00	\$ 3.60	\$ 1.03	\$ 9.63	\$ 1.36	16.4%	\$ 16.27		
100	\$ 3.50	\$ 4.99	\$ 1.38	\$ 9.87	\$ 5.00	\$ 4.80	\$ 1.38	\$ 11.17	\$ 1.31	13.3%	\$ 15.69		
150	\$ 3.50	\$ 7.49	\$ 2.06	\$ 13.05	\$ 5.00	\$ 7.20	\$ 2.06	\$ 14.26	\$ 1.21	9.3%	\$ 14.53		
200	\$ 3.50	\$ 9.98	\$ 2.75	\$ 16.23	\$ 5.00	\$ 9.60	\$ 2.75	\$ 17.35	\$ 1.11	6.9%	\$ 13.38		
250	\$ 3.50	\$ 12.48	\$ 3.44	\$ 19.42	\$ 5.00	\$ 12.00	\$ 3.44	\$ 20.44	\$ 1.02	5.2%	\$ 12.22		
500	\$ 3.50	\$ 24.96	\$ 6.88	\$ 35.34	\$ 5.00	\$ 24.00	\$ 6.88	\$ 35.87	\$ 0.54	1.5%	\$ 6.44		
750	\$ 3.50	\$ 37.44	\$ 10.31	\$ 51.25	\$ 5.00	\$ 36.00	\$ 10.31	\$ 51.31	\$ 0.06	0.1%	\$ 0.67		
1,000	\$ 3.50	\$ 49.92	\$ 13.75	\$ 67.17	\$ 5.00	\$ 47.99	\$ 13.75	\$ 66.74	\$ (0.43)	-0.6%	\$ (5.11)		
1,500	\$ 3.50	\$ 74.88	\$ 20.63	\$ 99.01	\$ 5.00	\$ 71.99	\$ 20.63	\$ 97.62	\$ (1.39)	-1.4%	\$ (16.67)		
1,882	\$ 3.50	\$ 93.95	\$ 25.88	\$ 123.33	\$ 5.00	\$ 90.33	\$ 25.88	\$ 121.20	\$ (2.12)	-1.7%	\$ (25.50)		
2,000	\$ 3.50	\$ 99.84	\$ 27.50	\$ 130.84	\$ 5.00	\$ 95.99	\$ 27.50	\$ 128.49	\$ (2.35)	-1.8%	\$ (28.22)		
2,500	\$ 3.50	\$ 124.80	\$ 34.38	\$ 162.68	\$ 5.00	\$ 119.99	\$ 34.38	\$ 159.36	\$ (3.31)	-2.0%	\$ (39.78)		
3,000	\$ 3.50	\$ 149.76	\$ 41.25	\$ 194.51	\$ 5.00	\$ 143.98	\$ 41.25	\$ 190.23	\$ (4.28)	-2.2%	\$ (51.33)		
4,000	\$ 3.50	\$ 199.68	\$ 55.00	\$ 258.18	\$ 5.00	\$ 191.98	\$ 55.00	\$ 251.98	\$ (6.20)	-2.4%	\$ (74.45)		
5,000	\$ 3.50	\$ 249.60	\$ 68.75	\$ 321.85	\$ 5.00	\$ 239.97	\$ 68.75	\$ 313.72	\$ (8.13)	-2.5%	\$ (97.56)		

*PPAC:

0.01375

FY '16

Average Usage Winter

1,037

**Municipal Commission of Boonville
Electric Department
Comparison of Monthly Bills
Rate Increase Only**

Summer

Service Classification No. 1 - Residential

kWh Used	Present					Proposed					\$ Increase	% Increase	Annual Increase
	Customer Charge	Energy Charge	*PPAC		Total	Customer Charge	Energy Charge	*PPAC	Total				
0	\$ 5.00	\$ -	\$ -		\$ 5.00	\$ 6.50	\$ -	\$ -	\$ 6.50	\$ 1.50	30.0%	\$ 18.00	
25	\$ 5.00	\$ 0.73	\$ 0.15		\$ 5.88	\$ 6.50	\$ 0.70	\$ 0.15	\$ 7.35	\$ 1.47	24.9%	\$ 17.59	
50	\$ 5.00	\$ 1.46	\$ 0.30		\$ 6.76	\$ 6.50	\$ 1.39	\$ 0.30	\$ 8.19	\$ 1.43	21.2%	\$ 17.18	
75	\$ 5.00	\$ 2.19	\$ 0.44		\$ 7.64	\$ 6.50	\$ 2.09	\$ 0.44	\$ 9.04	\$ 1.40	18.3%	\$ 16.77	
100	\$ 5.00	\$ 2.93	\$ 0.59		\$ 8.52	\$ 6.50	\$ 2.79	\$ 0.59	\$ 9.88	\$ 1.36	16.0%	\$ 16.36	
150	\$ 5.00	\$ 4.39	\$ 0.89		\$ 10.28	\$ 6.50	\$ 4.18	\$ 0.89	\$ 11.57	\$ 1.29	12.6%	\$ 15.54	
250	\$ 5.00	\$ 7.31	\$ 1.48		\$ 13.80	\$ 6.50	\$ 6.97	\$ 1.48	\$ 14.96	\$ 1.16	8.4%	\$ 13.90	
400	\$ 5.00	\$ 11.70	\$ 2.37		\$ 19.08	\$ 6.50	\$ 11.16	\$ 2.37	\$ 20.03	\$ 0.95	5.0%	\$ 11.43	
500	\$ 5.00	\$ 14.63	\$ 2.97		\$ 22.59	\$ 6.50	\$ 13.95	\$ 2.97	\$ 23.41	\$ 0.82	3.6%	\$ 9.79	
804	\$ 5.00	\$ 23.52	\$ 4.77		\$ 33.29	\$ 6.50	\$ 22.42	\$ 4.77	\$ 33.69	\$ 0.40	1.2%	\$ 4.80	
1,000	\$ 5.00	\$ 29.26	\$ 5.93		\$ 40.19	\$ 6.50	\$ 27.89	\$ 5.93	\$ 40.32	\$ 0.13	0.3%	\$ 1.58	
1,356	\$ 5.00	\$ 39.68	\$ 8.04		\$ 52.72	\$ 6.50	\$ 37.82	\$ 8.04	\$ 52.36	\$ (0.36)	-0.7%	\$ (4.26)	
1,500	\$ 5.00	\$ 43.89	\$ 8.90		\$ 57.78	\$ 6.50	\$ 41.84	\$ 8.90	\$ 57.23	\$ (0.55)	-1.0%	\$ (6.62)	
2,000	\$ 5.00	\$ 58.52	\$ 11.86		\$ 75.38	\$ 6.50	\$ 55.78	\$ 11.86	\$ 74.14	\$ (1.24)	-1.6%	\$ (14.83)	
2,100	\$ 5.00	\$ 61.45	\$ 12.45		\$ 78.90	\$ 6.50	\$ 58.57	\$ 12.45	\$ 77.53	\$ (1.37)	-1.7%	\$ (16.47)	
2,500	\$ 5.00	\$ 73.15	\$ 14.83		\$ 92.97	\$ 6.50	\$ 69.73	\$ 14.83	\$ 91.05	\$ (1.92)	-2.1%	\$ (23.04)	
3,000	\$ 5.00	\$ 87.78	\$ 17.79		\$ 110.57	\$ 6.50	\$ 83.68	\$ 17.79	\$ 107.97	\$ (2.60)	-2.4%	\$ (31.25)	
4,000	\$ 5.00	\$ 117.04	\$ 23.72		\$ 145.76	\$ 6.50	\$ 111.57	\$ 23.72	\$ 141.79	\$ (3.97)	-2.7%	\$ (47.67)	
5,000	\$ 5.00	\$ 146.30	\$ 29.65		\$ 180.95	\$ 6.50	\$ 139.46	\$ 29.65	\$ 175.61	\$ (5.34)	-3.0%	\$ (64.08)	
6,000	\$ 5.00	\$ 175.56	\$ 35.58		\$ 216.14	\$ 6.50	\$ 167.35	\$ 35.58	\$ 209.43	\$ (6.71)	-3.1%	\$ (80.50)	

*PPAC: 0.00593 FY '16 Average Usage Summer 875

**Municipal Commission of Boonville
Electric Department
Comparison of Monthly Bills**

Summer

Rate Increase Only

Service Classification No. 2 - General Service Non Demand Metered

kWh Used	Present					Proposed					\$ Increase	% Increase	Annual Increase
	Customer Charge	Energy Charge	*PPAC		Total	Customer Charge	Energy Charge	*PPAC	Total				
0	\$ 5.00	\$ -	\$ -		\$ 5.00	\$ 6.50	\$ -	\$ -	\$ 6.50	\$ 1.50	30.0%	\$ 18.00	
2	\$ 5.00	\$ 0.08	\$ 0.01		\$ 5.09	\$ 6.50	\$ 0.07	\$ 0.01	\$ 6.58	\$ 1.50	29.4%	\$ 17.96	
10	\$ 5.00	\$ 0.38	\$ 0.06		\$ 5.44	\$ 6.50	\$ 0.37	\$ 0.06	\$ 6.92	\$ 1.48	27.3%	\$ 17.82	
25	\$ 5.00	\$ 0.95	\$ 0.14		\$ 6.10	\$ 6.50	\$ 0.92	\$ 0.14	\$ 7.56	\$ 1.46	24.0%	\$ 17.54	
50	\$ 5.00	\$ 1.91	\$ 0.29		\$ 7.20	\$ 6.50	\$ 1.83	\$ 0.29	\$ 8.62	\$ 1.42	19.8%	\$ 17.08	
75	\$ 5.00	\$ 2.86	\$ 0.43		\$ 8.30	\$ 6.50	\$ 2.75	\$ 0.43	\$ 9.68	\$ 1.39	16.7%	\$ 16.62	
100	\$ 5.00	\$ 3.82	\$ 0.58		\$ 9.40	\$ 6.50	\$ 3.67	\$ 0.58	\$ 10.74	\$ 1.35	14.3%	\$ 16.16	
150	\$ 5.00	\$ 5.73	\$ 0.87		\$ 11.60	\$ 6.50	\$ 5.50	\$ 0.87	\$ 12.87	\$ 1.27	11.0%	\$ 15.24	
200	\$ 5.00	\$ 7.64	\$ 1.15		\$ 13.79	\$ 6.50	\$ 7.33	\$ 1.15	\$ 14.99	\$ 1.19	8.7%	\$ 14.32	
250	\$ 5.00	\$ 9.55	\$ 1.44		\$ 15.99	\$ 6.50	\$ 9.17	\$ 1.44	\$ 17.11	\$ 1.12	7.0%	\$ 13.40	
500	\$ 5.00	\$ 19.10	\$ 2.89		\$ 26.98	\$ 6.50	\$ 18.33	\$ 2.89	\$ 27.72	\$ 0.73	2.7%	\$ 8.80	
750	\$ 5.00	\$ 28.65	\$ 4.33		\$ 37.98	\$ 6.50	\$ 27.50	\$ 4.33	\$ 38.33	\$ 0.35	0.9%	\$ 4.20	
1,000	\$ 5.00	\$ 38.20	\$ 5.77		\$ 48.97	\$ 6.50	\$ 36.67	\$ 5.77	\$ 48.94	\$ (0.03)	-0.1%	\$ (0.39)	
1,500	\$ 5.00	\$ 57.30	\$ 8.66		\$ 70.95	\$ 6.50	\$ 55.00	\$ 8.66	\$ 70.16	\$ (0.80)	-1.1%	\$ (9.59)	
1,882	\$ 5.00	\$ 71.89	\$ 10.86		\$ 87.75	\$ 6.50	\$ 69.01	\$ 10.86	\$ 86.37	\$ (1.38)	-1.6%	\$ (16.62)	
2,000	\$ 5.00	\$ 76.40	\$ 11.54		\$ 92.94	\$ 6.50	\$ 73.33	\$ 11.54	\$ 91.37	\$ (1.57)	-1.7%	\$ (18.79)	
2,500	\$ 5.00	\$ 95.50	\$ 14.43		\$ 114.92	\$ 6.50	\$ 91.67	\$ 14.43	\$ 112.59	\$ (2.33)	-2.0%	\$ (27.99)	
3,000	\$ 5.00	\$ 114.60	\$ 17.31		\$ 136.91	\$ 6.50	\$ 110.00	\$ 17.31	\$ 133.81	\$ (3.10)	-2.3%	\$ (37.18)	
4,000	\$ 5.00	\$ 152.80	\$ 23.08		\$ 180.88	\$ 6.50	\$ 146.67	\$ 23.08	\$ 176.25	\$ (4.63)	-2.6%	\$ (55.58)	
5,000	\$ 5.00	\$ 191.00	\$ 28.85		\$ 224.85	\$ 6.50	\$ 183.34	\$ 28.85	\$ 218.69	\$ (6.16)	-2.7%	\$ (73.97)	

*PPAC: 0.00577 FY '16 Average Usage Summer 651

**Municipal Commission of Boonville
Electric Department
Comparison of Monthly Bills
Rate Increase Only**

Winter

Service Classification No. 1 - Residential

kWh Used	Present					Proposed					\$ Increase	% Increase	Annual Increase
	Customer Charge	Energy Charge	*PPAC		Total	Customer Charge	Energy Charge	*PPAC	Total				
0	\$ 5.00	\$ -	\$ -		\$ 5.00	\$ 6.50	\$ -	\$ -	\$ 6.50	\$ 1.50	30.0%	\$ 18.00	
25	\$ 5.00	\$ 0.73	\$ 0.34		\$ 6.07	\$ 6.50	\$ 0.70	\$ 0.34	\$ 7.54	\$ 1.47	24.1%	\$ 17.59	
50	\$ 5.00	\$ 1.46	\$ 0.68		\$ 7.14	\$ 6.50	\$ 1.39	\$ 0.68	\$ 8.57	\$ 1.43	20.0%	\$ 17.18	
75	\$ 5.00	\$ 2.19	\$ 1.02		\$ 8.21	\$ 6.50	\$ 2.09	\$ 1.02	\$ 9.61	\$ 1.40	17.0%	\$ 16.77	
100	\$ 5.00	\$ 2.93	\$ 1.36		\$ 9.29	\$ 6.50	\$ 2.79	\$ 1.36	\$ 10.65	\$ 1.36	14.7%	\$ 16.36	
150	\$ 5.00	\$ 4.39	\$ 2.04		\$ 11.43	\$ 6.50	\$ 4.18	\$ 2.04	\$ 12.72	\$ 1.29	11.3%	\$ 15.54	
250	\$ 5.00	\$ 7.31	\$ 3.40		\$ 15.71	\$ 6.50	\$ 6.97	\$ 3.40	\$ 16.87	\$ 1.16	7.4%	\$ 13.90	
400	\$ 5.00	\$ 11.70	\$ 5.44		\$ 22.14	\$ 6.50	\$ 11.16	\$ 5.44	\$ 23.10	\$ 0.95	4.3%	\$ 11.43	
500	\$ 5.00	\$ 14.63	\$ 6.80		\$ 26.43	\$ 6.50	\$ 13.95	\$ 6.80	\$ 27.25	\$ 0.82	3.1%	\$ 9.79	
804	\$ 5.00	\$ 23.52	\$ 10.93		\$ 39.46	\$ 6.50	\$ 22.42	\$ 10.93	\$ 39.86	\$ 0.40	1.0%	\$ 4.80	
1,000	\$ 5.00	\$ 29.26	\$ 13.60		\$ 47.86	\$ 6.50	\$ 27.89	\$ 13.60	\$ 47.99	\$ 0.13	0.3%	\$ 1.58	
1,356	\$ 5.00	\$ 39.68	\$ 18.44		\$ 63.12	\$ 6.50	\$ 37.82	\$ 18.44	\$ 62.76	\$ (0.36)	-0.6%	\$ (4.26)	
1,500	\$ 5.00	\$ 43.89	\$ 20.40		\$ 69.29	\$ 6.50	\$ 41.84	\$ 20.40	\$ 68.74	\$ (0.55)	-0.8%	\$ (6.62)	
2,000	\$ 5.00	\$ 58.52	\$ 27.20		\$ 90.72	\$ 6.50	\$ 55.78	\$ 27.20	\$ 89.48	\$ (1.24)	-1.4%	\$ (14.83)	
2,100	\$ 5.00	\$ 63.87	\$ 28.56		\$ 97.43	\$ 6.50	\$ 61.13	\$ 28.56	\$ 96.19	\$ (1.24)	-1.3%	\$ (14.83)	
2,500	\$ 5.00	\$ 85.27	\$ 34.00		\$ 124.27	\$ 6.50	\$ 82.53	\$ 34.00	\$ 123.03	\$ (1.24)	-1.0%	\$ (14.83)	
3,000	\$ 5.00	\$ 112.02	\$ 40.80		\$ 157.82	\$ 6.50	\$ 109.28	\$ 40.80	\$ 156.58	\$ (1.24)	-0.8%	\$ (14.83)	
4,000	\$ 5.00	\$ 165.52	\$ 54.40		\$ 224.92	\$ 6.50	\$ 162.78	\$ 54.40	\$ 223.68	\$ (1.24)	-0.5%	\$ (14.83)	
5,000	\$ 5.00	\$ 219.02	\$ 68.00		\$ 292.02	\$ 6.50	\$ 216.28	\$ 68.00	\$ 290.78	\$ (1.24)	-0.4%	\$ (14.83)	
6,000	\$ 5.00	\$ 272.52	\$ 81.60		\$ 359.12	\$ 6.50	\$ 269.78	\$ 81.60	\$ 357.88	\$ (1.24)	-0.3%	\$ (14.83)	

*PPAC: 0.0136 FY '16

Average Usage Winter 1,725

**Municipal Commission of Boonville
Electric Department
Comparison of Monthly Bills**

Winter

Rate Increase Only

Service Classification No. 2 - General Service Non Demand Metered

kWh	Present					Proposed					\$ Increase	% Increase	Annual Increase
Used	Customer Charge	Energy Charge	*PPAC		Total	Customer Charge	Energy Charge	*PPAC	Total				
0	\$ 5.00	\$ -	\$ -		\$ 5.00	\$ 6.50	\$ -	\$ -	\$ 6.50	\$ 1.50	30.0%	\$ 18.00	
2	\$ 5.00	\$ 0.10	\$ 0.03		\$ 5.12	\$ 6.50	\$ 0.09	\$ 0.03	\$ 6.62	\$ 1.50	29.2%	\$ 17.95	
10	\$ 5.00	\$ 0.48	\$ 0.14		\$ 5.62	\$ 6.50	\$ 0.46	\$ 0.14	\$ 7.10	\$ 1.48	26.4%	\$ 17.77	
25	\$ 5.00	\$ 1.20	\$ 0.34		\$ 6.54	\$ 6.50	\$ 1.15	\$ 0.34	\$ 8.00	\$ 1.45	22.2%	\$ 17.42	
50	\$ 5.00	\$ 2.40	\$ 0.69		\$ 8.09	\$ 6.50	\$ 2.30	\$ 0.69	\$ 9.49	\$ 1.40	17.4%	\$ 16.84	
75	\$ 5.00	\$ 3.60	\$ 1.03		\$ 9.63	\$ 6.50	\$ 3.46	\$ 1.03	\$ 10.99	\$ 1.36	14.1%	\$ 16.27	
100	\$ 5.00	\$ 4.80	\$ 1.38		\$ 11.17	\$ 6.50	\$ 4.61	\$ 1.38	\$ 12.48	\$ 1.31	11.7%	\$ 15.69	
150	\$ 5.00	\$ 7.20	\$ 2.06		\$ 14.26	\$ 6.50	\$ 6.91	\$ 2.06	\$ 15.47	\$ 1.21	8.5%	\$ 14.53	
200	\$ 5.00	\$ 9.60	\$ 2.75		\$ 17.35	\$ 6.50	\$ 9.21	\$ 2.75	\$ 18.46	\$ 1.11	6.4%	\$ 13.38	
250	\$ 5.00	\$ 12.00	\$ 3.44		\$ 20.44	\$ 6.50	\$ 11.52	\$ 3.44	\$ 21.45	\$ 1.02	5.0%	\$ 12.22	
500	\$ 5.00	\$ 24.00	\$ 6.88		\$ 35.87	\$ 6.50	\$ 23.03	\$ 6.88	\$ 36.41	\$ 0.54	1.5%	\$ 6.44	
750	\$ 5.00	\$ 36.00	\$ 10.31		\$ 51.31	\$ 6.50	\$ 34.55	\$ 10.31	\$ 51.36	\$ 0.06	0.1%	\$ 0.67	
1,000	\$ 5.00	\$ 47.99	\$ 13.75		\$ 66.74	\$ 6.50	\$ 46.07	\$ 13.75	\$ 66.32	\$ (0.43)	-0.6%	\$ (5.11)	
1,500	\$ 5.00	\$ 71.99	\$ 20.63		\$ 97.62	\$ 6.50	\$ 69.10	\$ 20.63	\$ 96.23	\$ (1.39)	-1.4%	\$ (16.67)	
1,882	\$ 5.00	\$ 90.33	\$ 25.88		\$ 121.20	\$ 6.50	\$ 86.70	\$ 25.88	\$ 119.08	\$ (2.12)	-1.8%	\$ (25.50)	
2,000	\$ 5.00	\$ 95.99	\$ 27.50		\$ 128.49	\$ 6.50	\$ 92.14	\$ 27.50	\$ 126.14	\$ (2.35)	-1.8%	\$ (28.22)	
2,500	\$ 5.00	\$ 119.99	\$ 34.38		\$ 159.36	\$ 6.50	\$ 115.17	\$ 34.38	\$ 156.05	\$ (3.31)	-2.1%	\$ (39.78)	
3,000	\$ 5.00	\$ 143.98	\$ 41.25		\$ 190.23	\$ 6.50	\$ 138.21	\$ 41.25	\$ 185.96	\$ (4.28)	-2.2%	\$ (51.33)	
4,000	\$ 5.00	\$ 191.98	\$ 55.00		\$ 251.98	\$ 6.50	\$ 184.28	\$ 55.00	\$ 245.78	\$ (6.20)	-2.5%	\$ (74.45)	
5,000	\$ 5.00	\$ 239.97	\$ 68.75		\$ 313.72	\$ 6.50	\$ 230.34	\$ 68.75	\$ 305.59	\$ (8.13)	-2.6%	\$ (97.56)	

*PPAC:

0.01375

FY '16

Average Usage Winter

1,037

Exhibit 13

**Municipal Commission of Boonville
Electric Department
Development of Rates for SC 1 and 2 -- Years 1-3**

			Year 1	Year 2	Year 3	Sales							
		Revenues						Rates					
SC 1		Pres	Prop 1	Prop 2	Prop 3			Pres	Prop 1	Prop 2	Prop 3		
	Base Revenues	\$1,529,200	\$ 1,613,836	\$ 1,613,836	\$ 1,613,836								
	Customer Charge	67,168	117,544	167,920	218,296		\$	2.00	\$ 3.50	\$ 5.00	\$ 6.50		
	Energy Revenues	\$ 1,462,032	\$ 1,496,292	\$ 1,445,916	\$ 1,395,540								
	Energy <2000	\$ 1,093,562	\$ 1,127,822	\$ 1,077,446	\$ 1,027,070	36,823,475	\$	0.02970	\$ 0.03063	\$ 0.02926	\$ 0.02789		
	Energy >2000	\$ 368,470	\$ 368,470	\$ 368,470	\$ 368,470	6,887,294	\$	0.05350	\$ 0.05350	\$ 0.05350	\$ 0.05350		
		\$ 1,462,032	\$ 1,496,292	\$ 1,445,916	\$ 1,395,540								
	Total	\$ 1,529,200	\$ 1,613,836	\$ 1,613,836	\$ 1,613,836								
		Revenues						Rates					
SC 1A		Pres	Prop 1	Prop 2	Prop 3			Pres	Prop 1	Prop 2	Prop 3		
	Base Revenues	\$80,856	\$ 85,331	\$ 85,331	\$ 85,331								
	Customer Charge	912	1,596	2,280	2,964		\$	2.00	\$ 3.50	\$ 5.00	\$ 6.50		
	Energy Revenues	\$ 79,944	\$ 83,735	\$ 83,051	\$ 82,367								
	<2000	\$ 42,164	\$ 45,955	\$ 45,271	\$ 44,587	1,419,654	\$	0.02970	\$ 0.03237	\$ 0.03189	\$ 0.03141		
	>2000	\$ 37,780	\$ 37,780	\$ 37,780	\$ 37,780	830,336	\$	0.04550	\$ 0.04550	\$ 0.04550	\$ 0.04550		
		\$ 79,944	\$ 83,735	\$ 83,051	\$ 82,367								
	Total	\$ 80,856	\$ 85,331	\$ 85,331	\$ 85,331								
		Revenues						Rates					
SC 2		Pres	Prop 1	Prop 2	Prop 3								
	Base Revenues	\$212,632	\$ 224,401	\$ 224,401	\$ 224,401								
	Customer Charge	10,590	18,533	26,475	34,418		\$	2.00	\$ 3.50	\$ 5.00	\$ 6.50		
	Energy Revenues	\$ 202,042	\$ 205,868	\$ 197,926	\$ 189,983								
	Summer	\$ 67,006	\$ 68,266	\$ 65,632	\$ 62,998	1,718,114	\$	0.03900	\$ 0.03973	\$ 0.03820	\$ 0.03667		
	Winter	\$ 135,064	\$ 137,602	\$ 132,294	\$ 126,985	2,756,413	\$	0.04900	\$ 0.04992	\$ 0.04799	\$ 0.04607		