Village of Richomndville
Electric Department
Forecasted Income Statements with Rate of Return

	Test Year FY 2008	PSC Normalizing Adjustments	Normalized Test Year	Rate Year Normalizing Adjustments		Normalized Rate Year	Increase	Rate Year After Increase	% Increase
Operating revenues	\$1,059,784	84,790 ri	1,144,574	\$19,530	PPAC	\$1,164,104	\$111,824	\$1,275,928	9.6%
Operating Expenses:									
Purchased Power	607,465		607,465	0		607,465		607,465	
Labor	116,894	(8,662) cap	108,232	12,845	Inf + Adj	121,077		121,077	
Vacation and Sick Pay	44,277		44,277	1,779	Inf	46,056		46,056	
Distribution	38,473		38,473	1,545	Inf	40,018		40,018	
Repairs	43,089		43,089	1,731	Inf	44,820		44,820	
Customers' Accounting & Collection Expenses	23,147		23,147	930	Inf	24,077		24,077	
Sales Expense	2,867		2,867	115	Inf	2,982		2,982	
Administrative & General	101,808	(16,000) rce	85,808	3,447	Inf	89,255		89,255	
Pension	12,093	, ,	12,093	1,237	Inf + Adj	13,330		13,330	
Health Insurance	44,872		44,872	4,425	Inf + Adj	49,297		49,297	
Taxes	33,062		33,062	1,328	Inf	34,390		34,390	
PILOT	11,000	(2,261) pilot	8,739	351	Inf	9,090		9,090	
Uncollectible Revenues	15,523	(888) ur	14,635	588	Inf	15,223	1,286	16,509	
Misc. Expenses Transferred	(39,239)	` ,	(39,239)	(1,576)	Inf	(40,815)		(40,815)	
Amortization	0	8,000 rce	8,000	321	Inf	8,321		8,321	
Depreciation	105,521	·	105,521			147,220		147,220	
Total Operating Expenses	1,160,852	-	1,141,041	29,065	-	1,211,806		1,213,093	-
Operating Income	(101,068)		3,533			(47,702)		62,836	
Rate Base	1,065,742		1,065,742	126,590	UT	1,192,332		1,192,332	
Rate of Return	-9.48%		0.33%			-4.00%	PSC	5.27%	

Expenses Net of Fuel

\$ 540,664

Village of Richomndville Electric Department Explanation of Adjusmtents

Test Year Normalizaiton			
a) Revenues To recognize rate increase in 08-E-0359	\$	84,790	\$ 84,790
b) Expenses  Labor - to reflect capitalizaiton of 7.4% of labor costs  A&G - to reflect that rate case expense is being amortized  PILOT to reflect ORPs calculation of plant value  Uncollectibles - to reflect 3 year average  Total	\$ \$ \$ \$ \$	(8,662) (16,000) (2,261) (888)	\$ (27,811)
Rate Year Normalization			
a) Revenues To recognize that purchased power shortfall will be collected through PPAC		\$19,530	\$ 19,530
<ul> <li>b) Payroll Adjustment to reflect fact that General Mangare time will be charged to electric at 40% rather than test year rate of 25%.</li> <li>Labor</li> </ul>		8.498	
Pension Health Insurance		751 2,623	
c) Expenses Inflation		17,194	\$ 29,065
d) Rate Base Reflects purchase of new line truck, new accounting software and normal level of additions and retirements	\$	126,590	

Exhibit 3

# Village of Richmondville Electric Department Historical Balance Sheets As of May 31,

	2006	2007	2008	Average Balance
ASSETS				
Cash and Cash Equivalents	\$219,682	\$122,005	\$97,253	\$146,313
Investments	0	100	100	67
Depreciation Funds	113,330	118,155	123,870	118,452
Miscellaneous Special Funds	0	0	0	0
Receivable - Municipality	11,958	11,607	11,878	11,814
Accounts Receivable,	108,674	128,284	113,394	116,784
Materials and Supplies	125,417	135,743	135,795	132,318
Prepaid Expenses	0	0	0	0
Note Receivable	22,616	99	6,905	9,873
Property, Plant and Equipment	3,487,462	3,546,317	3,534,068	3,522,616
Construction WIP	0	0	0	0
Total Assets	\$4,089,139	\$4,062,310	\$4,023,263	\$4,058,237
LIABILITIES AND RETAINED EARNINGS				
Accounts Payable	\$52,437	\$35,682	\$55,771	\$47,963
Customer Deposits	13,199	10,940	13,620	12,586
Accrued Interest	2,279	2,022	1,166	1,822
Accrued Taxes	2,928	3,177	3,244	3,116
Miscellaneous Current Liabilities	7,534	8,149	7,659	7,781
Depreciation Reserves	1,968,570	2,047,808	2,130,108	2,048,829
Reserve for Uncollectible	34,600	35,500	34,000	34,700
Notes Payable	75,000	80,453	49,363	68,272
Contributions for Extensions	565,714	569,918	578,678	571,437
Bonds Payable	0	0	0	0
Total Liabilities	2,722,261	2,793,649	2,873,609	2,796,506
Retained Earnings:				
Contributions - Operating Municipality	(502,478)	(530,040)	(552,005)	(528,174)
Total Surplus	1,869,356	1,798,701	1,701,659	1,789,905
Total Retained Earnings	1,366,878	1,268,661	1,149,654	1,261,731
Total Liabilities and Retained Earnings	\$4,089,139	\$4,062,310	\$4,023,263	\$4,058,237

Source Data: PSC Annual Reports

Exhibit 4

### Village of Richmondville Electric Department Historical Income Statements For the Years Ended May 31,

	2006	2007	2008	Three Year Average
Operating revenues	\$1,020,707	\$1,021,570	\$1,059,784	\$1,034,020
Operating Expenses:				
Purchased Power	524,003	538,285	607,465	556,584
Labor, net of capitalization & benefits	96,496	96,036	116,894	103,142
Repairs	16,592	15,998	43,089	25,226
Distribution	55,856	46,140	38,473	46,823
Street Lighting	0	0	0	0
Customers' Accounting & Collection Exp.	28,111	25,905	23,147	25,721
Labor	22,473	21,242	0	14,572
Sales Expense	195	7,646	2,867	3,569
A&G - Other	62,110	81,819	101,808	81,912
Labor	31,655	33,286	0	21,647
Vacation & Sick Pay (Empl. Benes)	32,021	43,377	44,277	39,892
Pension	23,770	23,004	12,093	19,622
Health Insurance Premiums & Benefits	41,679	48,835	44,872	45,129
PILOT	11,000	11,000	11,000	11,000
Depreciation	103,453	104,605	105,521	104,526
Total Operating Expenses	1,049,414	1,097,178	1,151,506	1,099,365
Misc. Expenses Transferred	(41,691)	(42,690)	(39,239)	(41,207)
Taxes - Electric	4,007	15,091	33,062	17,387
Uncollectible Revenues	(7,100)	35,482	15,523	14,635
Operating Income	16,077	(83,491)	(101,068)	(56,160)
Non-Operating Revenues (Expenses)				
Interest Income	3,680	5,742	7,694	5,705
Interest Expense	(2,191)	(2,895)	(3,668)	(2,918)
Miscellaneous Income	0	9,989	0	3,330
Total Non-Operating Revenues (Expenses)	1,489	12,836	4,026	6,117
NET INCOME (LOSS)	\$17,566	(\$70,655)	(\$97,042)	(\$50,043)

Source Data: PSC Annual Reports

### Village of Richmondville Electric Department Revenues by Rate Class and kWh Sales Fiscal Years Ending May 31,

	2006	2007	2008	Three Year Average
Operating Revenues (Base only)				
A/C 601 Residential sales	\$652,840	\$691,552	\$736,061	\$693,484
A/C 602 Commercial sales	92,169	90,284	104,412	95,622
A/C 603 Industrial sales	198,908	160,023	159,113	172,681
A/C 604 Public street lighting - operating municipality	5,835	5,706	5,706	5,749
A/C 606 Other sales to operating municipality	28,434	28,757	29,086	28,759
A/C 607 Other sales to other public authorities	609	658	386	551
A/C 608 Sales to other distributors	0	0	0	0
A/C 610 Security lighting	8,242	8,931	9,231	8,801
Total Operating Revenues	\$987,037	\$985,911	\$1,043,995	\$1,005,648
kWh Sales				
A/C 601 Residential sales	11,959,131	12,639,869	12,510,732	12,369,911
A/C 602 Commercial sales	1,280,167	1,249,145	1,370,466	1,299,926
A/C 603 Industrial sales	3,760,533	3,045,840	2,854,406	3,220,260
A/C 604 Public street lighting - operating municipality	79,482	78,129	75,780	77,797
A/C 606 Other sales to operating municipality	427,957	437,213	415,671	426,947
A/C 607 Other sales to other public authorities	7,977	8,779	5,665	7,474
A/C 608 Sales to other distributors	0	0	0	0
A/C 610 Security lighting	82,299	82,092	81,021	81,804
Total kWh Sales	17,597,546	17,541,067	17,313,741	17,484,118

Source Data: page 300 of PSC Annual Report

#### Village of Richmondville Electric Department Number of Customers

	FY 04	FY 05	FY 06	FY 07	FY 08
Month	Number of Customers				
June	1,082	1,134	1,118	1,166	1,167
July	1,093	1,149	1,123	1,175	1,186
August	1,099	1,133	1,125	1,173	1,186
September	1,098	1,150	1,135	1,181	1,191
October	1,111	1,143	1,129	1,181	1,195
November	1,114	1,140	1,137	1,181	1,205
December	1,112	1,146	1,125	1,172	1,203
January	1,126	1,142	1,136	1,178	1,188
February	1,119	1,140	1,123	1,166	1,184
March	1,126	1,144	1,136	1,180	1,186
April	1,120	1,135	1,126	1,158	1,186
May	1,135	1,156	1,141	1,182	1,194
TOTALS	13,335	13,712	13,554	14,093	14,271
Account 601	10,715	10,960	10,689	11,158	11,229
Account 602	1,477	1,590	1,687	1,759	1,882
Account 603	345	321	332	336	312
Account 604	0	0	0	0	0
Account 605	0	0	0	0	
Account 606	99	108	108	111	110
Account 607	18	18	18	18	0
Account 608	0	0	0	0	
Account 609	0	0	0	0	
Account 610	681	715	720	711	738
TOTALS	13,335	13,712	13,554	14,093	14,271

Source Data: PSC Annual Reports, poage 301

The Village contains many apartments which are rented by SUNY Cobleskill students. They experience a number of "move outs" and "move ins" during the course of the year. The figures above reflect the number of bills produced each month. Some addresses will have two bills in a month when there is a change in tenants.

# Exhibit 7

### Village of Richmondville Electric Department Rate of Return

	<u>2008</u> <u>Amount</u>	<u>%</u>	<u>Cost</u> <u>Rate</u>	Rate of Return
Long-term debt	12,280	1.2%	5.78%	0.07%
Customer deposits	64,908	6.1%	5.65%	0.34%
Net surplus	988,554	92.8%	5.36%	4.97%
Total	1,065,742	100.0%		5.38%

Cost Rate of 5.36% per Case 08-E-0359

# Village of Richmondville Electric Department Rate Base

	<u>2006</u>	<u>2007</u>	<u>2008</u>	Rate Year
Gross Plant Operating Property	\$3,422,228	\$3,487,462	\$3,534,068	\$3,793,016
Construction Work in Progress Total Gross Plant	3,422,228	3,487,462	3,534,068	3,793,016
Depreciation Reserve	1,850,219	1,968,570	2,130,108	2,256,290
Contributions for Extensions	554,937	565,714	578,678	578,678
Total Net Plant	1,017,072	953,178	825,282	958,048
Materials & Supplies Prepayments	124,062 0	125,417 0	135,795 0	128,425 0
Working Capital				
Total Operating Expenses	1,000,623	1,089,970	1,160,852	1,211,806
Purchased Power Depreciation	524,003 103,453	538,285 104,605	607,465 105,521	607,465 147,220
PILOT	11,000	11,000	11,000	9,090
Uncollectibles	(7,100)	35,482	15,523	15,223
Net Expenses	380,267	411,598	432,343	441,898
Working Capital Required @ 1/8	47,533	51,450	54,043	55,237
Working Capital Required @ 1/12	43,667	44,857	50,622	50,622
Year End Total Rate Base	\$1,232,334	\$1,174,902	\$1,065,742	\$1,192,332

Village of Richmondville

				200	9								2010				
												End of the Year	RY				RY
		Beg of the Year Gross Plant	Normal	Normal	End of the Year Gross Plant	Depreciation	Annual	Beg of the Year Depreciation	End of the Year Depreciation	Normal	Normal	End of the Year Gross Plant	Average Gross Plant	Depreciation	Annual	End of the Year Depreciation	Average Depreciation
ACCOUNT	r	Balance		RETIREMENTS	Balance	Rate	Depreciation	Reserve	Reserve		RETIREMENTS	Balance	Balance	Rate	Depreciation	Reserve	Reserve
301	Organization	0			0		0		0		0	0	0		0	0	0
302	Franchises and Consents	0			0		0			0	o o	0				0	0
311	Land and Land Rights	5.382	99	1.081	4.400		0		0	99	1.081	3.417	4.154		0	0	0
312	Structures and Improvements	150.802	99	1,061	150.802	0.0%	0	49.333	49.333	99	1,001	150.802	150.802	0.0%	0	49.333	49.333
352	Transmission Substation Equipment	0			150,002	0.0%	0	40,000	40,000	0	0	0	150,002	0.0%		40,000	40,000
353	Transmission Overhead Conductors	56.228			56.228	2.1%	1.181	33.157	34.338	0	0	56.228	56.228	2.1%	1.181	35.519	34.633
354	Transmission Underground Conductors	50,220			0	0.0%	0	30,137	0,000	0	o o	0.22,00	0.220	0.0%	0	0	0-,000
358	Poles. Towers and Fixtures	793.937	25.078	2.388	816.627	3.3%	26.816	424.293	448.721	25.078	2.388	839.317	822.300	3.3%	27.571	473.905	455.017
359	Underground Conduits	153,252	160	0	153,412	1.7%	2.561	62,520	65.081	160	2,000	153,572	153,452	1.7%	2,563	67.644	65.721
361	Distribution Substation Equipment	621,950	5.675	0	627.625	2.5%	15.620	614,386	630.006	5.675	0	633,300	629.044	2.5%	15,762	645.767	633.946
	Storage Battery Equipment		0,0.0	0	0	0.0%	0		0	0	0	0	0	0.0%	0	0	0
363	Distribution Overhead Conductors	472.189	15.386	1.498	486.077	3.0%	14.374	178.611	191.487	15.386	1,498	499.965	489,549	3.0%	14,791	204,779	194.810
364	Distribution Underground Conductors	76.509	399	112	76,796	2.4%	1.840	25.590		399	112	77.082	76,867	2.4%	1,847	1.735	434
365	Line Transformers	223,900	14.742	9.360	229.282	3.0%	6.798	120,179	117.616	14,742	9.360	234.664	230,627	3.0%	6,959	115.215	117.016
366	Overhead Services	105.472	2.746	607	107,611	3.3%	3,548	40.728	43,669	2.746	607	109.750	108,146	3.3%	3,619	46.681	44,422
	Underground Services	3.931		0	3.931	2.9%	112	3.235	3.347	0	0	3.931	3.931	2.9%	112	3.460	3.376
368	Consumers' Meters	76,258	5,531	3,453	78,335	3.3%	2,574	42,151	41,272	5,531	3,453	80,413	78,855	3.3%	2,643	40,461	41,069
369	Consumers' Meter Installation	22,393	2,101	1,453	23,041	3.3%	756	10,808	10,111	2,101	1,453	23,688	23,203	3.3%	778	9,437	9,943
370	Other Property on Consumers' Premises	26,468	1,950	486	27,932	5.0%	1,360	10,580	11,454	1,950	486	29,397	28,299	5.0%	1,433	12,401	11,691
371	Street Lighting and Signal System Equip.	27,334	1,153	338	28,148	3.3%	924	11,065	11,651	1,153	338	28,963	28,352	3.3%	951	12,263	11,804
381	Office Equipment	56,778	3,725	484	60,019	5.0%	2,920	44,410	46,846	3,725	484	63,260	60,829	5.0%	3,082	49,445	47,496
382	Stores Equipment	674	0	0	674	4.0%	27	674	701	0	0	674	674	4.0%	27	728	708
383	Shop Equipment		0	0	0	0.0%	0		0	0	0	0	0	0.0%	0	0	0
384	Transportation Equipment	559,878	175,000	0	734,878	9.0%	58,264	405,354	463,618	0	0	734,878	734,878	9.0%	66,139	529,757	480,153
385	Communication Equipment	11,674	274	0	11,948	5.0%	591	8,975	9,566	274	0	12,221	12,016	5.0%	604	10,170	9,717
386	Laboratory Equipment	18,842	1,052	94	19,800	4.0%	773	7,892	8,571	1,052	94	20,758	20,040	4.0%	811	9,288	8,750
387	General Tools and Implements	75,797	1,909	3,660	74,046	5.0%	3,746	36,167	36,253	1,909	3,660	72,295	73,608	5.0%	3,659	36,252	36,253
388	Miscellaneous General Equipment				0	0.0%	0			0	0	0	0	0.0%	0	0	0
391	Miscellaneous Tangible Property	7,164			7,164	0.0%	0		0	0	0	7,164	7,164	0.0%	0	0	0
	Total	3,546,812	256,978	25,015	3,778,775		144,783	2,130,108	2,223,640	81,978	25,015	3,835,738	3,793,016		154,532	2,354,239	2,256,290

Adjustments - Normal additions plus utility truck at \$175,000 and new accounting software at \$3,00





# Village of Richmondville Electric Department Factor of Adjustment

	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>
KWH Sold KWH Purchased	17,783,233 18,188,904	17,687,689 18,257,241	17,959,520 18,447,579	17,597,546 18,231,200	17,541,067 18,272,958	17,313,741 18,508,266
Factor of Adjustment	1.0228	1.0322	1.0272	1.0360	1.0417	1.0690
Six Year Average						1.0380

# Village of Richmondville Electric Department Inflation Calculation

	2006	In 2008 Dollars	2007	In 2008 Dollars	2008	Three Year Average in 2008 Dollars	Rate Year Inflated
Transmission	96,496	101,782	96,036	98,958	116,894	105,878	110,131
Repairs	16,592	17,501	15,998	16,485	43,089	25,692	26,724
Distribution	55,856	58,916	46,140	47,544	38,473	48,311	50,252
Street Lighting	28,111	29,651	25,905	26,693	23,147	26,497	27,561
Customers' Accounting & Collection Exp.	195	206	7,646	7,879	2,867	3,650	3,797
Sales Expense	31,655	33,389	33,286	34,299	0	22,563	23,469
General & Administrative	32,021	33,775	43,377	44,697	44,277	40,916	42,560

Inflation Rates per Chained Price Deflate	or 2005 2006	Cal	endar 1.1270 1.1643	1.143
	2007		1.1955	1.177
	2008		1.2186	1.205
	2009		1.2432	1.229
	2010		1.2680	1.254
Labor Inflation Test Year Labor Rate Year Labor		\$	574,710 600,000	1.044
Health Insurance				
Test Year		\$	172,559	
Rate Year		\$	265,000	1.536



Exhibit 15

#### Village of Richmondville Electric Department PILOT Calculation

Reproductior	1,349,966
Equalization	100%
Commercial	6.47366239
т	8,739

# Village of Richmondville Electric Department Comparison of Present and Proposed Rates

Service Classification No. 1 - Residential	Present	Proposed	Increase	Increase	
	Rate	Rate	Amount	Percent	
Customer Service Charge	5.11	5.77	0.66	12.84%	
	0.0408	0.0460	0.0052	12.84%	
Energy Charge - per kWh Minimum Charge per month, per meter	5.11	5.77	0.0052	12.84%	
Service Classification No. 2 - General Service - Non-demand Metered					
Customer Service Charge	5.11	5.77	0.66	12.84%	
Energy Charge, per kWh	0.0584	0.0659	0.0075	12.84%	
Minimum Charge per month, per meter	5.11	5.77	0.66	12.84%	
Service Classification No. 3 - General Service - Demand Metered					
Demand Charge, per KW	2.22	2.51	0.29	12.84%	
Energy Charge, kWh	0.0468	0.0528	0.0060	12.84%	
Minimum Charge	2.22	2.51	0.29	12.84%	
Service Classification No. 4 - Private Outdoor Lighting Facilities Charge, per unit					
175 Watt Mercury (Color corrected)	7.08	7.99	0.91	12.84%	
400 Watt Mercury (Color corrected) Pole Rental Charge	12.65	14.27	1.62	12.84%	
	1.81	2.04	0.23	12.84%	

Exhibit 17 Page 1 of 3

# Village of Richmondville Electric Department Comparison of Monthly Bills

# Service Classification No. 1 - Residential

kWh Used	Present Rate	Proposed Rate	\$ Increase	% Increase
0	5.11	5.77	0.66	12.84%
2	5.23	5.89	0.67	12.76%
10	5.69	6.40	0.71	12.46%
25	6.55	7.34	0.79	12.01%
50	8.00	8.91	0.92	11.48%
75	9.44	10.49	1.05	11.11%
100	10.88	12.06	1.18	10.84%
150	13.77	15.21	1.44	10.47%
200	16.65	18.35	1.70	10.23%
250	19.54	21.50	1.97	10.06%
500	33.96	37.24	3.28	9.64%
750	48.39	52.97	4.58	9.48%
1,000	62.81	68.70	5.89	9.48%
•				
1,500	91.66	100.17	8.51	9.29%
2,000	120.51	131.64	11.13	9.24%
2,200	132.05	144.23	12.18	9.22%
2,500	149.36	163.11	13.75	9.21%
3,000	178.21	194.58	16.37	9.19%
4,000	235.91	257.52	21.61	9.16%
5,000	293.61	320.46	26.85	9.14%
PPAC:	0.0169	FY '08		

Exhibit 17 Page 2 of 3

# Village of Richmondville Electric Department Comparison of Monthly Bills

# Service Classification No. 2 - Non-demand Metered

kWh Used	Present Rate	Proposed Rate	\$ Increase	% Increase
0	5.11	5.77	0.66	12.84%
2	5.26	5.93	0.67	12.76%
10	5.86	6.59	0.73	12.47%
25	6.99	7.84	0.84	12.06%
50	8.88	9.91	1.03	11.62%
75	10.76	11.98	1.22	11.33%
100	12.64	14.05	1.41	11.12%
150	16.41	18.19	1.78	10.86%
200	20.17	22.33	2.16	10.69%
250	23.94	26.47	2.53	10.57%
500	42.76	47.17	4.41	10.30%
750	61.59	67.86	6.28	10.20%
1,000	80.41	88.56	8.15	10.14%
1,500	118.06	129.96	11.90	10.08%
2,000	155.71	171.36	15.65	10.05%
2,200	170.77	187.92	17.15	10.04%
2,500	193.36	212.76	19.40	10.03%
3,000	231.01	254.16	23.15	10.02%
4,000	306.31	336.96	30.65	10.01%
5,000	381.61	419.76	38.15	10.00%

PPAC: 0.0169 FY '08

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# Village of Richmondville Electric Department Comparison of Monthly Bills

# Service Classification No. 3 - General Service - Demand Metered

<u>KW</u>	<u>kWh</u>	Present Rate	Proposed Rate	<u>\$</u> Increase	<u>%</u> Increase
20	1,000	108.10	119.81	11.71	10.83%
20	1,500	139.95	154.66	14.71	10.51%
20	2,000	171.80	189.52	17.72	10.31%
50	2,000	238.40	264.67	26.27	11.02%
50	3,000	302.10	334.38	32.28	10.68%
50	4,000	365.80	404.09	38.29	10.47%
		40= 00		<b>-</b> 4.40	40.000/
75	5,000	485.00	536.42	51.42	10.60%
75	7,500	644.25	710.69	66.44	10.31%
75	10,000	803.50	884.96	81.46	10.14%