

Muscatine Power and Water

Electric Utility

Statement of Revenues, Expenses and Changes in Net Position

April 2015

**Muscatine Power and Water
Electric Utility**

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Muscatine Power and Water - Electric Utility
Classification of Electric Energy/Steam Sales
Current Month - April 2015

	Budget Estimate	% Increase (Decrease) From Budget	This Year	% Increase (Decrease) Fr. Last Yr.	Last Year
<u>KWH Generated and Sold</u>					
Gross Generation	82,352,664	8.2	89,122,038	16.5	76,479,864
Less: Plant Use	<u>8,745,480</u>	15.0	<u>10,055,049</u>	14.3	<u>8,797,477</u>
Net Generation/Wholesale Sales	<u><u>73,607,184</u></u>	7.4	<u><u>79,066,989</u></u>	16.8	<u><u>67,682,387</u></u>
<u>Net Capacity Factors</u>					
Unit 9	50.00	19.3	59.65	18.9	50.17
Unit 8/8A	40.66	(28.6)	29.03	37.2	21.16
Unit 7	15.00	-1.0X	---	-1.0X	15.16
Total Plant	44.49	7.0	47.62	16.4	40.90
<u>KWH Distribution</u>					
Residential	7,024,000	(4.4)	6,716,546	(5.4)	7,097,913
Commercial I	2,590,000	2.9	2,664,326	(1.4)	2,702,914
Commercial II	6,663,500	27.8	8,518,360	12.5	7,568,740
Industrial I	9,153,487	(0.4)	9,119,400	7.8	8,456,280
Industrial II	38,800,000	(3.3)	37,538,440	(3.4)	38,841,625
City Enterprise Funds	511,134	(20.3)	407,430	0.3	406,411
Water & Communications Utilities	<u>1,324,206</u>	13.1	<u>1,498,082</u>	7.0	<u>1,400,398</u>
Native System Sales	66,066,327	0.6	66,462,584	(0.0)	66,474,281
City Lighting	172,000	(7.5)	159,024	(3.0)	163,946
City Buildings	546,000	(12.3)	478,571	(4.0)	498,678
Offline Power Plant Usage	32,223	34.3	43,281	(87.9)	357,091
Losses & Cycle Billing	<u>2,036,234</u>	(47.8)	<u>1,063,529</u>	(19.1)	<u>1,315,391</u>
Total Native System KWH Distributed/Purchased Power	<u><u>68,852,784</u></u>	(0.9)	<u><u>68,206,989</u></u>	(0.9)	<u><u>68,809,387</u></u>
 <u>STEAM SALES - 1000 lbs</u>					
	<u><u>244,475</u></u>	(1.4)	<u><u>241,000</u></u>	1.6	<u><u>237,122</u></u>

Muscatine Power and Water - Electric Utility
Classification of Electric Energy/Steam Sales
Calendar Year-to-Date - April 2015

	<u>Budget Estimate</u>	<u>% Increase (Decrease) From Budget</u>	<u>This Year</u>	<u>% Increase (Decrease) Fr. Last Yr.</u>	<u>Last Year</u>
<u>KWH Generated and Sold</u>					
Gross Generation	385,717,689	(2.3)	376,711,863	(6.0)	400,709,013
Less: Plant Use	<u>38,741,292</u>	8.4	<u>41,997,269</u>	3.2	<u>40,689,459</u>
Net Generation/Wholesale Sales	<u>346,976,397</u>	(3.5)	<u>334,714,594</u>	(7.0)	<u>360,019,554</u>
<u>Net Capacity Factors</u>					
Unit 9	57.37	7.0	61.40	7.6	57.05
Unit 8/8A	50.28	(33.2)	33.57	(37.0)	53.25
Unit 7	23.67	(71.7)	6.70	(82.7)	38.76
Total Plant	52.43	(3.8)	50.42	(7.3)	54.38
<u>KWH Distribution</u>					
Residential	33,046,000	0.1	33,084,491	(7.5)	35,781,578
Commercial I	12,184,500	(2.0)	11,944,600	(7.2)	12,873,249
Commercial II	31,350,500	12.6	35,299,500	7.2	32,923,784
Industrial I	35,646,229	2.4	36,486,000	9.2	33,410,860
Industrial II	154,600,000	(1.4)	152,395,793	2.0	149,386,596
City Enterprise Funds	1,838,284	0.6	1,849,847	3.5	1,787,302
Water & Communications Utilities	<u>5,366,868</u>	4.7	<u>5,617,514</u>	2.5	<u>5,482,275</u>
Native System Sales	274,032,381	1.0	276,677,745	1.9	271,645,644
City Lighting	673,000	(9.6)	608,263	(5.1)	640,786
City Buildings	2,134,500	9.3	2,333,542	(8.1)	2,540,368
Offline Power Plant Usage	555,750	(3.0)	538,975	(59.8)	1,340,154
Losses & Cycle Billing	<u>8,332,685</u>	(29.8)	<u>5,853,337</u>	(7.5)	<u>6,331,144</u>
Total Native System KWH	<u>285,728,316</u>	0.1	<u>286,011,862</u>	1.2	<u>282,498,096</u>
Distributed/Purchased Power					
<u>STEAM SALES - 1000 lbs</u>	<u>1,017,864</u>	(2.9)	<u>988,598</u>	1.6	<u>972,605</u>

Muscatine Power and Water - Electric Utility
Statements of Revenues, Expenses, and Changes in Net Position
Current Month - April 2015

	Budget Estimate	Avg. Price	% Increase (Decrease) from Budget	This Year	Avg. Price	% Increase (Decrease) from Last Year	Last Year	Avg. Price
<u>Sales of Electricity</u>								
Residential	\$730,715	\$ 0.10403	(0.1)	\$729,958	\$ 0.10868	3.3	\$706,706	\$ 0.09957
Commercial I	247,354	0.09550	4.7	258,882	0.09717	8.1	239,476	0.08860
Commercial II	514,292	0.07718	23.7	636,247	0.07469	23.5	515,301	0.06808
Industrial I	541,100	0.05911	3.9	562,200	0.06165	13.9	493,381	0.05834
Industrial II	1,822,899	0.04698	2.2	1,863,889	0.04965	1.6	1,835,319	0.04725
City Enterprise Funds	37,573	0.07351	(21.0)	29,687	0.07286	13.6	26,124	0.06428
Water & Communication Utilities	76,406	0.05770	21.7	93,018	0.06209	18.2	78,712	0.05621
Native System Sales	3,970,339	0.06010	5.1	4,173,881	0.06280	7.2	3,895,019	0.05859
Wholesale Sales	2,171,412	0.02950	(4.9)	2,064,684	0.02611	2.6	2,011,576	0.02972
Energy Sales	6,141,751		1.6	6,238,565		5.6	5,906,595	
<u>Steam Sales</u>	1,013,191	4.14	(4.1)	971,359	4.03	6.3	913,567	3.85
<u>Other Revenue</u>								
By-Product Revenue	23,377		6.0	24,770		1.3X	10,558	
Miscellaneous Revenue	55,970		(4.0)	53,717		6.2	50,602	
Total Other Revenue	79,347		(1.1)	78,487		28.3	61,160	
Operating Revenue	7,234,289		0.7	7,288,411		5.9	6,881,322	
<u>Operating Expense</u>								
Purchased Power	1,817,713	0.02640	(16.3)	1,522,243	0.02232	(7.5)	1,645,296	0.02391
Production Fuel	2,280,693		(5.4)	2,157,534		5.1	2,053,320	
Emissions Allowance	14,382		71.2	24,620		2.9X	6,321	
Operation	2,149,927		(4.6)	2,051,844		9.7	1,869,790	
Maintenance	812,153		(9.7)	733,675		(19.5)	911,062	
Depreciation	956,361		0.8	963,852		1.9	945,494	
Total Operating Expense	8,031,229		(7.2)	7,453,768		0.3	7,431,283	
Operating Loss	(796,940)		(79.3)	(165,357)		(69.9)	(549,961)	
<u>Nonoperating Revenue (Expense)</u>								
Interest Income	24,769		(69.9)	7,464		(93.0)	106,656	
Interest Expense	(168)		(38.1)	(104)		(76.8)	(448)	
Total Nonoperating Revenue (Expense)	24,601		(70.1)	7,360		(93.1)	106,208	
Net Loss Before Revenue Adjustment	(772,339)		(79.5)	(157,997)		(64.4)	(443,753)	
Capital Contributions	---			---			---	
Change in Net Position	(772,339)		(79.5)	(157,997)		(64.4)	(443,753)	
Beginning Net Position	130,792,833			131,234,000			157,828,516	
Ending Net Position	\$130,020,494			\$131,076,003			\$157,384,763	
Net Loss Before Rev Adj to Op Revenue	(10.7)			(2.2)			(6.5)	
Change in Net Position to Operating Revenue	(10.7)			(2.2)			(6.5)	

Muscatine Power and Water - Electric Utility
Statements of Revenues, Expenses, and Changes in Net Position
Calendar Year-to-Date - April 2015

	Budget Estimate	Avg. Price	% Increase (Decrease) from Budget	This Year	Avg. Price	% Increase (Decrease) from Last Year	Last Year	Avg. Price
<u>Sales of Electricity</u>								
Residential	\$3,339,978	\$ 0.10107	4.4	\$3,485,615	\$ 0.10535	1.8	\$3,422,551	\$ 0.09565
Commercial I	1,147,313	0.09416	1.0	1,158,233	0.09697	3.1	1,123,211	0.08725
Commercial II	2,285,527	0.07290	15.3	2,636,214	0.07468	20.8	2,183,043	0.06631
Industrial I	2,105,786	0.05907	7.7	2,268,446	0.06217	16.3	1,950,536	0.05838
Industrial II	7,244,353	0.04686	6.4	7,708,355	0.05058	8.4	7,110,735	0.04760
City Enterprise Funds	125,265	0.06814	5.9	132,680	0.07172	16.9	113,473	0.06349
Water & Communications Utilities	306,386	0.05709	16.4	356,743	0.06351	16.3	306,852	0.05597
Native System Sales	16,554,608	0.06041	7.2	17,746,286	0.06414	9.5	16,210,401	0.05967
Wholesale Sales	11,833,390	0.03410	(18.1)	9,688,662	0.02895	(44.5)	17,445,741	0.04846
Energy Sales	28,387,998		(3.4)	27,434,948		(18.5)	33,656,142	
<u>Steam Sales</u>	4,189,505	4.12	(3.0)	4,064,970	4.11	9.0	3,729,543	3.83
<u>Other Revenue</u>								
Rail Car Lease	---			---		-1.0X	68,627	
By-Product Revenue	107,371		(59.8)	43,144		57.3	27,420	
Miscellaneous Revenue	214,644		(15.3)	181,849		(1.7)	184,947	
Total Other Revenue	322,015		(30.1)	224,993		(19.9)	280,994	
Operating Revenue	32,899,518		(3.6)	31,724,911		(15.8)	37,666,679	
<u>Operating Expense</u>								
Purchased Power	8,227,021	0.02879	(12.4)	7,204,240	0.02519	(32.9)	10,737,235	0.03801
Production Fuel	10,258,257		(8.5)	9,384,488		(7.6)	10,152,014	
Emissions Allowance	62,628		1.1X	131,987		3.8X	27,738	
Operation	8,340,510		(4.8)	7,943,028		6.6	7,450,230	
Maintenance	3,192,475		(2.7)	3,106,121		(5.4)	3,283,400	
Depreciation	3,825,445		0.8	3,855,405		1.9	3,781,976	
Total Operating Expense	33,906,336		(6.7)	31,625,269		(10.7)	35,432,593	
Operating Income (Loss)	(1,006,818)		-1.1X	99,642		(95.5)	2,234,086	
<u>Nonoperating Revenue (Expense)</u>								
Interest Income	83,140		(61.5)	32,043		(92.5)	425,651	
Interest Expense	(666)		(21.9)	(520)		(49.6)	(1,031)	
Total Nonoperating Revenue (Expense)	82,474		(61.8)	31,523		(92.6)	424,620	
Net Income (Loss) Before Revenue Adjustment and Capital Contributions	(924,344)		-1.1X	131,165		(95.1)	2,658,706	
Capital Contributions	---			---			---	
Revenue Adjustment-Extraordinary O&M	(25,327,000)			(25,327,000)			---	
Change in Net Position	(26,251,344)		(4.0)	(25,195,835)		-10.5X	2,658,706	
Beginning Net Position	156,271,838			156,271,838			154,726,057	
Ending Net Position	\$130,020,494			\$131,076,003			\$157,384,763	
Net Income (Loss) Before Rev Adj to Op Revenue	(2.8)			0.4			7.1	
Change in Net Position to Operating Revenue	(79.8)			(79.4)			7.1	

Muscatine Power and Water - Electric Utility
Statements of Net Position
April 2015

ASSETS

	<u>2015</u>	<u>2014</u>
Current Assets:		
<u>Unrestricted Assets</u>		
Cash - interest bearing	\$11,018,413	\$18,567,347
Investments	13,000,000	5,500,000
Receivables:		
Consumer Accounts	5,210,521	4,809,186
Refined Coal	3,415,755	3,062,865
Wholesale	291,469	535,972
Steam Sales	947,222	993,822
Interest	33,122	419,833
Intercompanies	---	58
Inventories	6,117,484	6,105,982
Fuel	7,843,187	3,085,769
Prepaid Expenses	1,293,489	1,179,136
Total Unrestricted Current Assets	49,170,662	44,259,970
<u>Restricted Assets</u>		
Cash - interest bearing	9,056,727	6,040,688
Investments	4,001,412	7,000,000
Total Restricted Current Assets	13,058,139	13,040,688
Total Current Assets	62,228,801	57,300,658
Property and Equipment:		
At Cost	416,294,914	413,207,308
Less Accumulated Depreciation	334,844,683	325,039,028
Net Property and Equipment	81,450,231	88,168,280
Other Assets:		
Note Receivable - Communications Utility	10,000,000	35,327,000
Note Receivable - Water Utility	2,650,000	650,000
Joint Venture Rights	89,692	91,659
Total Other Assets	12,739,692	36,068,659
TOTAL ASSETS	<u><u>\$156,418,724</u></u>	<u><u>\$181,537,597</u></u>

Muscatine Power and Water - Electric Utility
Statements of Net Position
April 2015

LIABILITIES, DEFERRED INFLOWS OF RESOURCES AND NET POSITION

	<u>2015</u>	<u>2014</u>
Current Liabilities:		
<u>Unrestricted</u>		
Accounts Payable	\$6,467,359	\$4,967,045
Pension Provision	704,773	714,184
Health & Dental Insurance Provision	289,930	229,100
Accrued Payroll	237,855	173,807
Accrued Vacation	1,242,407	1,196,445
Accrued Emission Allowance Expense	131,197	98,433
Consumers' Deposits	706,814	618,094
Retained Percentage on Contracts	73,894	---
Accrued Property Taxes	85,248	81,940
Unearned Revenue - Farm Rent	33,386	---
Miscellaneous Accrued Expenses	589,238	1,009,226
Mooring Lease	---	1,692
Total Unrestricted Current Liabilities	10,562,101	9,089,966
Non-Current Liabilities:		
Health & Dental Insurance Provision	1,110,616	1,494,983
Post-Employment Health Benefit Provision	453,399	354,649
Consumer Advances for Construction	183,739	180,370
Total Non-Current Liabilities	1,747,754	2,030,002
Deferred Inflows of Resources - Extraordinary O & M	13,032,866	13,032,866
Net Position:		
Net Investment in Capital Assets	81,450,231	88,168,280
Restricted	13,058,139	13,040,688
Unrestricted	36,567,633	56,175,795
Total Net Position	131,076,003	157,384,763
TOTAL LIABILITIES, DEFERRED INFLOWS OF RESOURCES AND NET POSITION	<u><u>\$156,418,724</u></u>	<u><u>\$181,537,597</u></u>

Muscatine Power and Water - Electric Utility
Statements of Cash Flows
April 2015

	<u>Current Month</u>	<u>Year- To-Date</u>
Cash flows from operating activities:		
Cash received from:		
Retail electric sales	\$4,402,173	\$17,816,941
MISO sales	1,790,311	10,138,807
Steam sales	1,001,331	4,011,140
Coal sales	3,301,820	15,349,675
Railcar/facilities leasing	5,200	20,800
By-product sales	1,284	97,745
Miscellaneous sources	13,833	265,035
Cash paid to/for:		
Suppliers	(1,889,927)	(4,023,775)
MISO purchases/administration fees	(1,504,910)	(7,417,292)
Coal purchases	(6,729,093)	(25,333,493)
Employees payroll, taxes and benefits	(1,901,488)	(7,333,619)
Net cash flows from operating activities	<u>(1,509,466)</u>	<u>3,591,964</u>
Cash flows from noncapital financing activities:		
Interest received on notes receivable from water & communications utilities	---	625,577
Loan to Water Utility	<u>(250,000)</u>	<u>(750,000)</u>
Net cash flows from noncapital financing activities	<u>(250,000)</u>	<u>(124,423)</u>
Cash flows from capital financing activities:		
Capital expenditures, net	<u>(245,093)</u>	<u>(1,226,324)</u>
Net cash flows from capital and related financing activities	<u>(245,093)</u>	<u>(1,226,324)</u>
Cash flows from investing activities:		
Purchase of joint venture rights	---	(22,410)
Interest received on investments	<u>5,367</u>	<u>23,279</u>
Net cash flows from investing activities	<u>5,367</u>	<u>869</u>
Net increase (decrease) in cash and investments	<u>(1,999,192)</u>	<u>2,242,086</u>
Cash and investments at beginning of period	<u>39,075,744</u>	<u>34,834,466</u>
Cash and investments at end of period	<u><u>\$37,076,552</u></u>	<u><u>\$37,076,552</u></u>

Muscatine Power and Water - Electric Utility
Statements of Cash Flows
April 2015

	<u>Current</u> <u>Month</u>	<u>Year-</u> <u>To-Date</u>
Reconciliation of operating income (loss) to net cash flows from operating activities		
Operating income (loss)	(\$165,357)	\$99,642
Noncash items in operating income:		
Depreciation of electric utility plant	963,852	3,855,405
Amortization of joint venture rights	7,730	32,214
Changes in assets and liabilities:		
Consumer accounts receivable	171,405	312,861
Refined coal	(108,735)	1,285,295
Wholesale receivable	(134,275)	736,314
Steam sales receivable	160,245	132,620
Inventories	(139,846)	(209,787)
Fuel	(2,303,286)	(1,117,503)
Prepaid expenses	(656,937)	(785,575)
Accounts payable	598,725	(1,154,668)
Pension provision	176,193	704,773
Health & dental insurance provision	(17,764)	(301,337)
Other post-employment benefit provision	8,229	32,917
Accrued payroll	117,419	(270,015)
Accrued vacation	32,762	111,584
Accrued emission allowance expense	24,620	62,599
Consumers' deposits	6,672	26,380
Accrued property taxes	7,298	(15,306)
Unearned revenue	33,386	33,386
Miscellaneous accrued expenses	(291,802)	20,165
Net cash flows from operating activities	<u>(\$1,509,466)</u>	<u>\$3,591,964</u>

**Muscatine Power and Water - Electric Utility
Funds Appropriated for Specific Purposes
April 2015**

	<u>This Year</u>	<u>Last Year</u>
Extraordinary Operation & Maintenance Account	<u>\$13,058,139</u>	<u>\$13,040,688</u>
Total Cash and Investments Appropriated for Specific Purposes	<u><u>\$13,058,139</u></u>	<u><u>\$13,040,688</u></u>

Muscatine Power and Water - Electric Utility
Summary of Expenses
Current Month - April 2015

	<u>Budget Estimate</u>		<u>This Year</u>		<u>Last Year</u>	
<u>Purchased Power</u>	<u>\$1,817,713</u>	25.1	<u>\$1,522,243</u>	20.9	<u>\$1,645,296</u>	23.9
Average price per kWh	\$0.0264		\$0.0223		\$0.0239	
<u>Generation</u>						
Operation Supervision	83,898		81,350		77,753	
Fuel:						
Coal	2,163,053		2,088,252		1,912,355	
Fuel Oil	18,400		145		42,049	
Gas	22,000		12,100		32,709	
Coal Handling Expense	71,316		55,360		64,200	
Landfill Operation Expense	5,924		1,677		2,007	
Emissions Allowance Expense	14,382		24,620		6,321	
Steam Expense:						
Boiler	117,326		158,359		108,110	
Pollution Control	59,445		30,477		34,490	
Electric Expense	103,356		98,322		99,732	
Miscellaneous Steam Power Expense	250,184		202,543		158,489	
Maintenance:						
Supervision	84,992		80,546		83,206	
Structures	80,134		37,986		73,143	
Boiler Plant:						
Boiler	139,072		168,077		303,472	
Pollution Control	69,328		39,125		47,870	
Electric Plant	38,633		60,485		53,670	
System Control	19,168		19,283		17,476	
Miscellaneous Steam Plant	69,741		50,091		56,818	
Coal Handling Equipment	65,832		96,817		45,490	
System Control and Load Dispatch	27,603		27,207		25,431	
Vacation, Holiday, Sick Leave	110,014		112,026		114,029	
Depreciation	<u>626,277</u>		<u>636,060</u>		<u>624,707</u>	
Total Generation Expense	<u>\$4,240,078</u>	58.6	<u>\$4,080,908</u>	56.0	<u>\$3,983,527</u>	57.9

Muscatine Power and Water - Electric Utility
Summary of Expenses
Calendar Year-to-Date - April 2015

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	<u>Budget</u> <u>Estimate</u>		<u>This Year</u>		<u>Last Year</u>	
<u>Purchased Power</u>	<u>\$8,227,021</u>	25.0	<u>\$7,204,240</u>	22.7	<u>\$10,737,235</u>	28.5
Average price per kWh	\$0.0288		\$0.0252		\$0.0380	
<u>Generation</u>						
Operation Supervision	342,718		322,515		323,359	
Fuel:						
Coal	9,802,506		9,054,053		9,590,671	
Fuel Oil	71,027		27,755		74,339	
Gas	88,500		76,328		192,469	
Coal Handling Expense	283,138		218,430		286,822	
Landfill Operation Expense	13,086		7,922		7,713	
Emissions Allowance Expense	62,628		131,987		27,738	
Steam Expense:						
Boiler	419,488		444,597		411,571	
Pollution Control	231,145		114,643		136,335	
Electric Expense	405,020		383,967		377,134	
Miscellaneous Steam Power Expense	965,453		888,717		623,204	
Maintenance:						
Supervision	337,948		353,296		341,513	
Structures	243,723		190,682		219,577	
Boiler Plant:						
Boiler	689,064		546,078		795,379	
Pollution Control	247,837		184,468		317,002	
Electric Plant	183,820		144,753		222,906	
System Control	82,264		71,079		79,027	
Miscellaneous Steam Plant	301,877		265,868		284,241	
Coal Handling Equipment	253,718		491,921		250,768	
System Control and Load Dispatch	116,900		120,061		107,276	
Vacation, Holiday, Sick Leave	372,752		400,195		406,346	
Depreciation	<u>2,505,110</u>		<u>2,544,240</u>		<u>2,498,828</u>	
Total Generation Expense	<u>\$18,019,722</u>	54.8	<u>\$16,983,555</u>	53.5	<u>\$17,574,218</u>	46.7

Muscatine Power and Water - Electric Utility
Summary of Expenses
Current Month - April 2015

	<u>Budget</u> <u>Estimate</u>		<u>This Year</u>		<u>Last Year</u>	
<u>Transmission</u>						
Operation Supervision	\$4,662		\$4,845		\$4,246	
Load Dispatching	59,570		60,274		81,559	
Station Expense	5,853		10,209		13,334	
Overhead Line Expense	216		1,285		---	
Transmission of Electricity by Others	44,469		47,502		29,281	
Miscellaneous Transmission Expense	32,949		8,259		3,237	
Maintenance:						
Supervision	2,555		2,515		2,037	
Structures	1,156		---		---	
Station Equipment	35,217		3,038		8,243	
Overhead Lines	11,773		21,854		8,246	
Vacation, Holiday, Sick Leave	8,840		8,687		6,446	
Depreciation	30,810		30,688		30,688	
Tax on Rural Property	5,642		5,642		5,642	
Total Transmission Expense	243,712	3.4	204,798	2.8	192,959	2.8
<u>Distribution</u>						
Operation Supervision	11,602		11,963		12,078	
Load Dispatching	32,406		31,320		28,672	
Station Expense	5,802		3,979		8,373	
Overhead Line Expense	2,555		5,283		1,338	
Vehicle Expense	18,246		19,569		17,013	
Underground Line Expense	3,612		8,030		3,329	
Street Lighting	3,056		2,512		616	
Signal Expense	706		151		5,353	
Meter Expense	9,284		7,819		8,079	
Consumer Installation Expense	562		30		764	
Miscellaneous Distribution Expense	51,921		53,444		51,017	
Maintenance:						
Supervision	9,734		10,228		10,937	
Structures	849		---		---	
Station Equipment	9,025		11,655		11,453	
Overhead Lines	54,322		49,751		33,411	
Underground Lines	15,340		8,765		79,854	
Line Transformers	4,693		4,417		5,125	
Street Lighting	6,368		7,468		7,512	
Signal System	3,403		4,641		3,350	
Meters	5,923		2,014		1,543	
Miscellaneous Distribution Plant	2,500		3,127		2,182	
Vacation, Holiday, Sick Leave	34,469		37,410		28,555	
Depreciation	164,368		163,755		158,237	
Tax on Rural Property	1,685		1,685		1,685	
Total Distribution Expense	\$452,431	6.3	\$449,016	6.2	\$480,476	7.0

Muscatine Power and Water - Electric Utility
Summary of Expenses
Calendar Year-to-Date - April 2015

	<u>Budget</u> <u>Estimate</u>		<u>This Year</u>		<u>Last Year</u>
<u>Transmission</u>					
Operation Supervision	\$18,649		\$18,741		\$17,311
Load Dispatching	234,091		237,226		258,990
Station Expense	28,317		42,475		59,979
Overhead Line Expense	358		2,872		1,466
Transmission of Electricity by Others	177,878		201,071		114,475
Miscellaneous Transmission Expense	117,345		30,890		17,039
Maintenance:					
Supervision	10,221		9,620		8,188
Structures	1,438		---		---
Station Equipment	58,823		14,135		27,455
Overhead Lines	49,585		146,849		52,722
Vacation, Holiday, Sick Leave	30,190		28,848		27,749
Depreciation	123,240		122,751		122,752
Tax on Rural Property	22,569		22,661		22,673
Total Transmission Expense	<u>872,704</u>	2.7	<u>878,139</u>	2.8	<u>730,799</u> 1.9
<u>Distribution</u>					
Operation Supervision	46,699		46,885		48,664
Load Dispatching	123,855		123,736		116,482
Station Expense	29,977		25,116		39,787
Overhead Line Expense	15,879		9,453		5,620
Vehicle Expense	72,991		59,976		64,819
Underground Line Expense	15,070		16,610		8,778
Street Lighting	11,923		13,879		9,458
Signal Expense	2,683		151		6,414
Meter Expense	37,736		35,597		37,987
Consumer Installation Expense	2,347		991		2,858
Miscellaneous Distribution Expense	217,459		217,837		201,906
Maintenance:					
Supervision	40,987		40,361		43,716
Structures	2,141		---		---
Station Equipment	41,147		56,097		32,638
Overhead Lines	203,930		236,841		175,367
Underground Lines	54,163		24,768		100,408
Line Transformers	15,765		29,072		11,544
Street Lighting	26,647		22,427		22,070
Signal System	14,836		13,005		10,327
Meters	12,162		8,751		8,722
Miscellaneous Distribution Plant	10,000		8,598		10,909
Vacation, Holiday, Sick Leave	116,045		126,999		109,325
Depreciation	657,472		655,019		632,948
Tax on Rural Property	6,741		6,769		6,768
Total Distribution Expense	<u>\$1,778,655</u>	5.4	<u>\$1,778,938</u>	5.6	<u>\$1,707,515</u> 4.5

Muscatine Power and Water - Electric Utility
Summary of Expenses
Current Month - April 2015

	<u>Budget Estimate</u>		<u>This Year</u>		<u>Last Year</u>	
<u>Customer Service Expense</u>						
Customer Information Expense	\$7,265		\$3,491		\$2,460	
Energy Efficiency Rebates	19,109		3,525		4,925	
Electric Ranges/Dryers Maintenance	409		7		694	
Electric Water Heaters Maintenance	146		109		86	
Total Customer Service Expense	26,929	0.4	7,132	0.1	8,165	0.1
<u>Consumer Accounts</u>						
Supervision	2,996		3,402		1,734	
Meter Reading Expense	10,076		9,468		8,569	
Consumer Records and Collection	35,542		36,934		34,621	
Uncollectible Accounts Expense	4,565		4,565		4,317	
Vacation, Holiday, Sick Leave	5,395		5,386		5,173	
Total Consumer Accounts Expense	58,574	0.8	59,755	0.8	54,414	0.8
<u>Administrative and General</u>						
Administrative and General Salaries	173,151		167,418		166,905	
Office Supplies and Expenses	17,171		20,814		9,929	
Outside Services Employed	69,681		63,840		26,541	
Property Insurance	60,894		58,782		59,470	
Casualty Ins, Injuries & Damages	42,951		38,334		40,313	
Employee Pensions and Benefits	543,519		525,391		529,238	
Fringe Benefits Charged to Constr.	(21,064)		(26,657)		(29,721)	
Regulatory Commission	7,311		6,786		6,959	
Miscellaneous General Expense	49,354		56,193		39,860	
Maintenance of General Plant	31,376		23,933		23,742	
Maintenance of A/O Center	51,019		27,859		32,282	
Vacation, Holiday, Sick Leave	31,523		33,874		29,066	
Depreciation	134,906		133,349		131,862	
Total Administrative and General	1,191,792	16.5	1,129,916	15.5	1,066,446	15.5
Total Operating Expense	<u>\$8,031,229</u>		<u>\$7,453,768</u>		<u>\$7,431,283</u>	
Percent to Operating Revenue		111.0		102.3		108.0

Muscatine Power and Water - Electric Utility
Summary of Expenses
Calendar Year-to-Date - April 2015

	<u>Budget Estimate</u>		<u>This Year</u>		<u>Last Year</u>	
<u>Customer Service Expense</u>						
Customer Information Expense	\$46,656		\$28,585		\$23,454	
Energy Efficiency Rebates	76,431		75,372		25,488	
Electric Ranges/Dryers Maintenance	1,736		1,038		1,906	
Electric Water Heaters Maintenance	684		434		419	
Total Customer Service Expense	<u>\$125,507</u>	0.4	<u>\$105,429</u>	0.3	<u>\$51,267</u>	0.1
<u>Consumer Accounts</u>						
Supervision	11,938		13,203		11,273	
Meter Reading Expense	37,608		39,494		38,397	
Consumer Records and Collection	142,045		134,908		131,457	
Uncollectible Accounts Expense	18,259		18,259		17,266	
Vacation, Holiday, Sick Leave	18,080		18,501		18,820	
Total Consumer Accounts Expense	<u>227,930</u>	0.7	<u>224,365</u>	0.7	<u>217,213</u>	0.6
<u>Administrative and General</u>						
Administrative and General Salaries	692,684		658,939		670,107	
Office Supplies and Expenses	70,438		70,188		59,811	
Outside Services Employed	252,424		194,719		185,978	
Property Insurance	238,773		237,192		224,977	
Casualty Ins, Injuries & Damages	169,004		209,237		189,682	
Employee Pensions and Benefits	2,124,865		2,073,892		2,065,602	
Fringe Benefits Charged to Constr.	(95,478)		(73,884)		(92,223)	
Regulatory Commission	29,243		28,212		28,001	
Miscellaneous General Expense	216,901		156,031		182,029	
Maintenance of General Plant	142,028		119,955		119,618	
Maintenance of A/O Center	168,351		127,497		149,303	
Vacation, Holiday, Sick Leave	105,941		115,230		104,013	
Depreciation	539,623		533,395		527,448	
Total Administrative and General	<u>4,654,797</u>	14.1	<u>4,450,603</u>	14.0	<u>4,414,346</u>	11.7
Total Operating Expense	<u>\$33,906,336</u>		<u>\$31,625,269</u>		<u>\$35,432,593</u>	
Percent to Operating Revenue		103.1		99.7		94.1

Muscatine Power and Water - Electric Utility
Statistical Data
April 2015

Total Fuel Cost
(To & Including Ash Handling, Gas & Oil)

	<u>Current Month</u>	
	<u>2015</u>	<u>2014</u>
Per Million Btu.	\$1.869	\$1.980
Per Net MW Generated	\$20.22	\$22.69
Net Peak Monthly Demand-KW	108,370	112,790
Date of Peak	4/2	4/1
Hour of Peak	1000	900

	<u>Calendar Year-To-Date</u>	
	<u>2015</u>	<u>2014</u>
Per Million Btu.	\$1.930	\$1.908
Per Net MW Generated	\$21.11	\$22.23
Net Peak Monthly Demand-KW	119,630	115,760
Date of Peak	2/12	2/10
Hour of Peak	900	800

Average Temperature	51.1°	49°
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<u>Services</u>	<u>2015</u>	<u>2014</u>
Residential	9,793	9,737
Commercial I	1,365	1,363
Commercial II	119	118
Industrial I	9	10
Industrial II	2	2
City Enterprise Funds	22	22
Water & Communications Utility	35	33
Total	<u>11,345</u>	<u>11,285</u>

Muscatine Power and Water - Electric Utility
Wholesale Sales Analysis
Current Month - April 2015

	<u>Modified Budget</u>	<u>\$/kWh</u>	<u>This Year</u>	<u>\$/kWh</u>	<u>Last Year</u>	<u>\$/kWh</u>
<u>Wholesale kWh Sales</u>	<u>73,607,184</u>		<u>79,066,989</u>		<u>67,682,387</u>	
<u>Wholesale Sales</u>	<u>\$2,171,412</u>	<u>\$0.02950</u>	<u>\$2,064,684</u>	<u>\$0.02611</u>	<u>\$2,011,576</u>	<u>\$0.02972</u>
<u>Variable Costs</u>						
Fuel (Coal, Gas & Fuel Oil)	1,599,203	0.02173	1,531,781	0.01937	1,454,761	0.02149
Emissions:						
SO ² Allowances-ARP ^{fn1}	220	0.00000	27	0.00000	---	---
SO ² Allowances-CASPR ^{fn2}	---	---	2,036	0.00003	---	---
SO ² Allowances-CAIR ^{fn3}	154	0.00000	---	---	16	0.00000
NO _x Allowances ^{fn4}	7,234	0.00010	11,183	0.00014	3,609	0.00005
Other ^{fn5}	<u>193,507</u>	<u>0.00263</u>	<u>193,507</u>	<u>0.00245</u>	<u>186,673</u>	<u>0.00276</u>
Total Variable Costs	<u>1,800,318</u>	<u>0.02446</u>	<u>1,738,534</u>	<u>0.02199</u>	<u>1,645,059</u>	<u>0.02431</u>
Gross Margin	<u>\$371,094</u>	<u>\$0.00504</u>	<u>\$326,150</u>	<u>\$0.00412</u>	<u>\$366,517</u>	<u>\$0.00542</u>
Percent Gross Margin	17.1%		15.8%		18.2%	

Calendar Year To Date

	<u>Modified Budget</u>	<u>\$/kWh</u>	<u>This Year</u>	<u>\$/kWh</u>	<u>Last Year</u>	<u>\$/kWh</u>
<u>Wholesale kWh Sales</u>	<u>346,976,397</u>		<u>334,714,594</u>		<u>360,019,554</u>	
<u>Wholesale Sales</u>	<u>\$11,833,390</u>	<u>\$0.03410</u>	<u>\$9,688,662</u>	<u>\$0.02895</u>	<u>\$17,445,741</u>	<u>\$0.04846</u>
<u>Variable Costs</u>						
Fuel (Coal, Gas & Fuel Oil)	7,484,056	0.02157	6,796,234	0.02030	7,604,285	0.02112
Emissions:						
SO ² Allowances-ARP ^{fn1}	918	0.00000	108	0.00000	---	---
SO ² Allowances-CASPR ^{fn2}	---	---	13,408	0.00004	---	---
SO ² Allowances-CAIR ^{fn3}	643	0.00000	---	---	189	0.00000
NO _x Allowances ^{fn4}	30,237	0.00009	64,896	0.00019	25,582	0.00007
Other ^{fn3}	<u>774,028</u>	<u>0.00223</u>	<u>774,028</u>	<u>0.00231</u>	<u>746,692</u>	<u>0.00207</u>
Total Variable Costs	<u>8,289,882</u>	<u>0.02389</u>	<u>7,648,674</u>	<u>0.02285</u>	<u>8,376,748</u>	<u>0.02327</u>
Gross Margin	<u>\$3,543,508</u>	<u>\$0.01021</u>	<u>\$2,039,988</u>	<u>\$0.00609</u>	<u>\$9,068,993</u>	<u>\$0.02519</u>
Percent Gross Margin	29.9%		21.1%		52.0%	

Allowance costs are based on budgeted and market prices for allowances:

	<u>Budget</u>	<u>2015</u>	<u>2014</u>
fn1 SO ² ARP	\$2.00	\$0.80	\$0.00
YTD SO ² ARP	2.00	0.80	0.00
fn2 SO ² CASPR	0.00	60.00	0.00
YTD SO ² CASPR	0.00	98.91	0.00
fn3 SO ² CAIR	0.70	0.00	0.75
YTD SO ² CAIR	0.70	0.00	0.75
fn4 NO _x annual	49.00	125.00	45.00
YTD NO _x annual	49.00	160.69	45.00

fn5 Other includes variable generation O&M, rail car cost, and Title V permit fees. Costs included have been amortized evenly over the year.