



POWER SYSTEM

201 Hemm Avenue • Piqua, Ohio 45356
(937) 778-2077 • FAX (937) 778-1693
www.piquaoh.org

PIQUA ENERGY BOARD

REGULAR MEETING

TUESDAY – SEPTEMBER 23, 2014

12:00 P.M.

AGENDA

1. Call to Order
2. Roll Call
3. Approval of Minutes (August 26, 2014)
4. Monthly Report
5. Rate Plan
6. Old Business
7. New Business
8. Adjourn

2014

PIQUA ENERGY BOARD

ATTENDANCE REPORT

MEMBERS	1/28/14	2/25/14	3/25/14	4/22/14	5/27/14	6/24/14	7/22/14	8/26/14	9/23/14	10/28/14	11/25/14	12/23/14
ALEXANDER, JOHN S.	X	---	/	/	X	---	/	X				
MARTIN, JOHN	X	X	/	/	X	X	/	X				
JENKINS, PATRICK	X	X	/	/	---	X	/	---				
SEVER, EARL (LYNN) III	X	X	/	/	X	X	/	X				
VOGT, WILLIAM	X	---	/	/	X	X	/	X				
YOUNG, RODNEY	X	X	/	/	X	X	/	X				
FRONING, JIM	X	X	/	/	---	X	/	---				
LYONS, SHARON	X	X	/	/	X	X	/	X				
DRAPP, JOE	X	X	/	/	X	X	/	X				
HARTLEY, ROGER	X	X	/	/	X	X	/	X				
BLANKENSHIP, Greg			/	/	---	X	/	X				
SHEAR, STU			/	/	X	---	/	X				

X - PRESENT / - NO MEETING --- ABSENT



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PIQUA ENERGY BOARD MEETING AUGUST 26, 2014

TIME & PLACE: A regular meeting of the Piqua Energy Board was held on Tuesday, August 26, 2014 at Piqua Power System's office at 201 Hemm Ave. Chairman Sharon Lyons called the meeting to order at 12:00 P.M.

ATTENDANCE: See attached Attendance Report.

MONTHLY MINUTES: John Alexander moved to approve the minutes of the June 24, 2014 meeting. Roger Hartley second and the motion carried.

MONTHLY REPORT: Ed Krieger reviewed the July 2014 year-to-date (YTD) monthly financial reports. YTD kWh sales are 4.0% above budget and revenues are 6.5% above budget. The YTD total electric revenues are 2.9% above budget and the total electric expenditures are 1.7% above budget. The YTD total power cost is \$66.63/mWh.

The YTD electric-system margin is \$(836,806). The YTD cash and investments are \$6,124,170. John Martin moved to accept the monthly reports. Bill Vogt second and the motion carried.

**69 kV
TRANSMISSION
POLES:**

Nick Berger reviewed the 69kV Transmission Pole Purchase bid results and recommended the purchase of eleven (11) steel poles. The Power System conducted a pole-line load analysis of the distribution feed to the new water plant. The results included the replacement of 9 transmission poles. In addition, the Power System will replace two poles in the Sub 4 to Sub 5 transmission line. The lowest and best bid was received from Sabre Industries, LLC.

Joe Drapp moved to recommend to Piqua City Commission the purchase of eleven steel poles from Sabre Industries, LLC for a not to exceed price of \$44,000. Joe Drapp second and the motion carried.

69 kV HARDWARE: Nick Berger reviewed the 69kV Transmission Line Hardware Package bids and recommended to award a contract to Power Line Supply. The Power System received three bids for the preferred material items for the water plant line upgrade. Power Line Supply provided the lowest and best bid.

Joe Drapp moved to recommend to Piqua City Commission to award a contract to Power Line Supply for the purchase of material at a cost not to exceed \$36,000. Bill Vogt second and the motion carried.

2014 RELIABILITY STATISTICS: Nick Berger reviewed the mid-year reliability statistics for the Power System. The reliability statistics are calculated on a twelve month rolling average and are used as an industry benchmarking tool.

2014 WORKPLAN UPDATE: Ed Krieger reviewed the most recent update of the 2014 work listing. The Power System remains on target to complete the vast majority of budgeted initiatives for 2014.

OLD BUSINESS: Ed Krieger reviewed several informational articles and AMP updates regarding the Prairie State Generating Company.

NEW BUSINESS: Nick Berger reviewed the maintenance contract for the City-wide fiber optic network proposal from Advanced Control Systems/Precision Contracting Services team (ACS/PCS fiber team). The one-year maintenance contract proposal includes the following types of maintenances: Preventive, Corrective, and emergency repairs. The City plans on using the same breakdown allocation that was used for the initial Fiber Network Project.

John Alexander moved to recommend to Piqua City Commission to award the fiber optic network maintenance contract to the ACS/PCS fiber team for the power system's allocated portion of a not to exceed prices of \$40,600. Roger Hartley second and the motion carried.

ADJOURN: With no further business to discuss, Bill Vogt moved to adjourn the meeting at 12:48 P.M. Lynn Sever second and the motion carried.

SIGNED: _____
Ed Krieger
Power System Director

**PIQUA MUNICIPAL POWER SYSTEM
2014 REVENUE AND EXPENDITURE REPORT
ELECTRIC**

Line	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YTD ACTUAL	YTD BUDGET	2013 BUDGET
REVENUES															
1 ELECTRIC SALES REVENUES	\$ 2,277,291	\$ 2,404,850	\$ 2,283,996	\$ 2,064,288	\$ 1,997,594	\$ 2,127,161	\$ 2,343,682	\$ 2,325,867	\$ -	\$ -	\$ -	\$ -	\$ 17,824,728	\$ 16,991,937	\$ 24,901,812
2 OTHER ELECTRIC REVENUES	25,754	17,727	28,073	37,648	22,319	28,189	20,105	23,926	-	-	-	-	205,740	259,933	389,900
3 KWH TAX BILLED	113,691	122,272	115,442	98,638	94,702	100,956	108,061	106,037	-	-	-	-	859,799	851,991	1,243,082
4 CLEAN OHIO GRANT	-	-	-	-	-	40,979	-	-	-	-	-	-	40,979	500,000	500,000
5 TOTAL ELECTRIC REVENUES	\$ 2,416,736	\$ 2,544,849	\$ 2,427,510	\$ 2,200,574	\$ 2,114,615	\$ 2,256,306	\$ 2,512,826	\$ 2,457,830	\$ -	\$ -	\$ -	\$ -	\$ 18,931,247	\$ 18,603,861	\$ 27,034,794
EXPENDITURES															
6 FUEL OIL	\$ 31,707	\$ 4,276	\$ -	\$ -	\$ 1,386	\$ 21,927	\$ -	\$ 15,499	\$ -	\$ -	\$ -	\$ -	\$ 74,795	\$ 59,500	\$ 75,000
7 PURCHASED POWER	2,369,282	1,797,145	1,843,166	1,430,880	1,796,366	1,883,118	1,771,212	1,760,690	-	-	-	-	14,651,859	13,319,000	19,663,000
8 WAGES & BENEFITS	183,637	157,690	123,938	144,510	155,325	160,749	165,843	142,032	-	-	-	-	1,235,764	1,325,988	1,988,982
9 MATERIALS & SUPPLIES	25,829	54,912	24,217	38,069	35,771	18,727	46,697	66,743	-	-	-	-	310,966	392,351	588,527
10 UTILITIES	6,103	4,706	5,000	5,560	5,659	5,451	7,039	6,972	-	-	-	-	46,491	52,667	79,000
11 OUTSIDE SERVICES	120,770	64,777	83,628	117,365	86,564	94,525	97,376	120,232	-	-	-	-	785,236	875,804	1,313,706
12 BILLING COSTS	38,444	36,478	33,831	40,882	32,935	38,233	35,671	36,275	-	-	-	-	292,750	310,653	463,979
13 OTHER EXPENSES	80,088	10,996	7,629	11,663	13,264	9,533	32,427	20,731	-	-	-	-	186,329	296,467	402,499
14 DEBT SERVICE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15 CAPITAL IMPROVEMENTS	8,225	89,500	150,883	85,055	335,031	11,990	24,673	83,484	-	-	-	-	788,841	1,394,533	2,145,466
16 KWH TAX TO GENERAL FUND	102,692	109,738	104,586	88,910	85,830	92,175	98,786	96,894	-	-	-	-	779,612	766,792	1,118,774
17 KWH TAX TO STATE OF OHIO	10,999	12,535	10,856	9,728	8,871	8,781	9,275	9,143	-	-	-	-	80,187	85,199	124,308
18 CLEAN OHIO PROJECT	588	616	9,406	70,296	128,466	8,316	218,420	11,730	-	-	-	-	447,238	850,000	850,000
19 TOTAL ELECTRIC EXPENDITURES	\$ 2,978,364	\$ 2,343,368	\$ 2,399,160	\$ 2,042,917	\$ 2,685,469	\$ 2,353,526	\$ 2,507,418	\$ 2,369,846	\$ -	\$ -	\$ -	\$ -	\$ 19,680,068	\$ 19,728,974	\$ 28,815,241
20 ELECTRIC SYSTEM MARGIN	\$ (561,628)	\$ 201,481	\$ 28,351	\$ 157,657	\$ (570,855)	\$ (97,220)	\$ 5,408	\$ 87,984	\$ -	\$ -	\$ -	\$ -	\$ (748,822)	\$ (1,125,113)	\$ (1,780,447)
21 OVER (-) UNDER (+) PCA COLLECTION	\$ 709,630	\$ (841,631)	\$ 888,547	\$ (138,650)	\$ 250,844	\$ 266,836	\$ (29,768)	\$ (20,073)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,095,735	\$ -	\$ -
22 ADJUSTED MARGIN	\$ 148,002	\$ 159,850	\$ 116,898	\$ 19,007	\$ (310,011)	\$ 169,616	\$ (24,360)	\$ 67,911	\$ -	\$ -	\$ -	\$ -	\$ 346,913	\$ -	\$ -

PCA OVER (-) UNDER (+) COLLECTION BEGINNING OF YEAR	\$ (888,150)
YTD OVER (-) UNDER (+) COLLECTION	\$ 1,095,735
BALANCE OVER (-) UNDER (+) COLLECTION	\$ 207,585
CASH AND INVESTMENTS - BEGINNING OF YEAR	\$ 7,504,674
CASH AND INVESTMENTS - END OF CURRENT MONTH	\$ 6,235,066
YEAR TO DATE CHANGE IN CASH AND INVESTMENTS	\$ (1,269,608)
MINIMUM ELECTRIC FUND BALANCE	\$ 6,129,020
IDEAL ELECTRIC FUND BALANCE	\$ 11,129,020

2014 ENERGY BOARD REPORT

Sales Summary (kwh)

	Actual Residential	Actual Commercial	Actual Industrial	Actual TOTAL	Budget Residential	Budget Commercial	Budget Industrial	Budget TOTAL
January	9,625,834	8,466,104	9,650,913	27,742,851	8,911,874	8,899,479	8,758,354	26,569,707
February	10,286,931	9,065,995	10,659,270	30,012,196	8,524,424	9,001,483	9,632,110	27,158,017
March	9,090,007	8,575,438	10,908,074	28,573,519	7,375,564	8,260,272	9,705,942	25,341,778
April	6,741,309	7,131,207	10,677,982	24,550,498	5,629,016	7,816,385	10,601,129	24,046,530
May	5,579,103	6,843,007	11,256,607	23,678,717	5,348,353	7,610,091	10,042,275	23,000,719
June	6,163,045	7,768,495	11,308,081	25,239,621	6,471,372	8,052,937	10,088,802	24,613,111
July	7,811,199	8,177,206	10,695,948	26,684,353	9,499,346	9,336,125	9,805,597	28,641,068
August	7,444,452	8,060,218	10,753,957	26,258,627	10,233,257	9,396,123	10,849,919	30,479,299
September				0				0
October				0				0
November				0				0
December				0				0
Total YTD	62,741,880	64,087,670	85,910,832	212,740,382	61,993,206	68,372,895	79,484,128	209,850,229
Percent of Budget	101.2%	93.7%	108.1%	101.4%				

Revenue Summary (\$)

	Actual Residential	Actual Commercial	Actual Industrial	Actual TOTAL	Budget Residential	Budget Commercial	Budget Industrial	Budget TOTAL
January	\$923,244	\$674,577	\$672,147	\$2,269,968	\$862,755	\$703,808	\$592,057	\$2,158,620
February	\$985,162	\$701,943	\$710,399	\$2,397,503	\$828,173	\$706,974	\$625,225	\$2,160,372
March	\$874,114	\$682,400	\$720,167	\$2,276,681	\$726,464	\$680,247	\$639,491	\$2,046,202
April	\$679,498	\$619,456	\$758,012	\$2,056,966	\$571,176	\$660,102	\$690,084	\$1,921,362
May	\$586,049	\$609,902	\$794,267	\$1,990,217	\$546,028	\$651,652	\$685,811	\$1,883,491
June	\$637,374	\$684,855	\$797,737	\$2,119,966	\$646,462	\$675,849	\$683,276	\$2,005,587
July	\$809,971	\$722,433	\$803,853	\$2,336,257	\$915,143	\$745,823	\$663,303	\$2,324,269
August	\$781,063	\$723,706	\$813,653	\$2,318,423	\$980,143	\$745,638	\$709,253	\$2,435,034
September				\$0				\$0
October				\$0				\$0
November				\$0				\$0
December				\$0				\$0
Total YTD	\$6,276,477	\$5,419,270	\$6,070,234	\$17,765,980	\$6,076,344	\$5,570,093	\$5,288,500	\$16,934,937
Percent of Budget	103.3%	97.3%	114.8%	104.9%				

Summary

Cost (\$/kwh)	\$0.10004	\$0.08456	\$0.07066	\$0.08351	\$0.09802	\$0.08147	\$0.06654	\$0.08070
Kwh Tax (\$)	\$292,332	\$283,734	\$283,734	\$859,799				
Cost (\$/kwh) Incl. Tax	\$0.10470	\$0.08899	\$0.07396	\$0.08755				

2014 ENERGY BOARD REPORT

Power Cost Summary

	Total Purchase Power (mwh)	Sales AMP (mwh)	Total Net Generation (mwh)	Total Send Out (mwh)	Total Purchase Power (\$)	Total Net Generation (\$)	Total All Power Cost (\$)	Total All Power Cost (\$/mwh)
January	31,716	111	85	31,801	\$2,369,282	\$31,707	\$2,400,989	\$75.50
February	28,002	0	-28	27,974	\$1,797,145	\$4,276	\$1,801,421	\$64.40
March	28,538	0	-29	28,509	\$1,843,166	\$0	\$1,843,166	\$64.65
April	24,441	0	-19	24,422	\$1,430,880	\$0	\$1,430,880	\$58.59
May	25,724	0	-6	25,719	\$1,803,937	\$1,386	\$1,805,323	\$70.20
June	28,257	0	63	28,320	\$1,882,894	\$21,927	\$1,904,821	\$67.26
July	27,737	0	-6	27,731	\$1,771,212	\$0	\$1,771,212	\$63.87
August	29,387	0	51	29,438	\$1,760,690	\$15,499	\$1,776,189	\$60.34
September				0			\$0	#DIV/O!
October				0			\$0	#DIV/O!
November				0			\$0	#DIV/O!
December				0			\$0	#DIV/O!
Total YTD	223,802	111	111	223,913	\$14,659,207	\$74,795	\$14,734,002	\$65.80

Miscellaneous Information

	Electric Fuel Adjustment (\$/kwh)	Peak Electric Demand (mw)	Minimum Electric Demand (mw)	Degree Days	Electric Residential Customers	Electric Commercial Customers	Electric Industrial Customers
January	\$0.00700	57	24	1,373	9,519	1,139	22
February	\$0.00700	56	25	1,169	9,546	1,141	21
March	\$0.00700	54	21	917	9,619	1,139	21
April	\$0.01050	48	19	379	9,579	1,136	24
May	\$0.01050	54	18	29	9,560	1,134	26
June	\$0.01050	61	20	-210	9,561	1,132	25
July	\$0.01400	59	18	-131	9,594	1,136	26
August	\$0.01400	64	21	-226	9,562	1,134	25
September							
October							
November							
December							

Sawvel & Associates

To Present

Electric Cost of Service

&

Electric Rate Plan