

Auglaize Hydroelectric Plant
CENTENNIAL CELEBRATION

Bryan Municipal Utilities
Annual Report 2013

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Financial Highlights

	2013	2012	Change
Electric Department			
OPERATIONS			
Income	\$20,986,250	\$20,981,855	\$4,395
Expenses	18,507,714	18,056,710	451,004
Balance	2,478,536	2,925,145	(446,609)
FINANCE			
Capital Improvements	743,792	1,568,474	(824,682)
Debt Service	0	0	0
Fund Balance Dec. 31	9,497,751	7,935,660	1,562,091
Total Meters	6,032	6,036	(4)
Total kWh	215,552,698	218,062,784	(2,510,086)
Peak Demand (kilowatts)	40,480	41,490	(1,010)

Water Department

OPERATIONS			
Income	\$1,920,381	\$1,826,057	\$94,324
Expenses	1,360,867	1,358,391	2,476
Balance	559,514	467,666	91,848
FINANCE			
Capital Improvements	308,117	749,417	(441,300)
Debt Service	0	49,124	(49,124)
Fund Balance Dec. 31	1,076,183	824,786	251,397
Total Meters	3,892	3,892	0
Total Gallons	520,697,000	572,198,000	(51,501,000)

Communications Department

OPERATIONS			
Income	\$2,416,891	\$2,409,763	\$7,128
Expenses	2,000,282	1,918,632	81,650
Balance	416,609	491,131	(74,522)
FINANCE			
Capital Improvements	206,739	62,516	144,223
Debt Service	165,358	104,000	61,358
Fund Balance Dec. 31	1,110,611	1,066,099	44,512
Total Customers	3,520	3,552	(32)

Letter from the Director

This was a year of change at Bryan Municipal Utilities, particularly in staffing. I was promoted from Electric Superintendent to Director of Utilities mid-year to fill the vacancy created when Steve Casebere retired. He worked for BMU for 25 years and was the director for the past 16 years. Leading our publicly owned electric, water, and communications departments has been exciting and challenging. I am fortunate to have a staff that is dedicated to excellence and to working diligently for our customers.

During the year, we evaluated power supply contracts to cover our residual load (the portion of the city's power needs that is not met by generating assets or current contracts). Late in the year, we signed a four-year contract with AMP Inc. to purchase power from AEP Energy Partners to fill our residual load requirements at a cost of less than 4 cents per kilowatt hour. We are very pleased with this agreement. Not only does it meet our short-term needs at a favorable price, but it also gives us time to evaluate new renewable energy projects. We are on track to meet the Board of Public Affairs' goal of deriving 25 percent of our total power supply from renewable energy sources by 2020.

Two of Bryan's own renewable energy sources received notable attention in 2013. We celebrated the 100th anniversary of the Auglaize Hydroelectric Plant by hosting an open house at the facility during Public Power Week. More than 600 visitors toured the plant and watched demonstrations of the floodgates in operation.



Brian Carlin
Director of Utilities

Bryan Municipal Utilities achieved national recognition in 2013 when the Solar Electric Power Association ranked BMU in the top 10 electric utilities in the U.S. that added solar power to their systems.

BMU also received an AMP System Improvement Award for a 34.5 kV switch replacement project and AMP Safety Awards for no time loss in the electric distribution and power production departments.

The water department continued to replace aging distribution infrastructure. The water crews installed 989 feet of 8-inch waterline on Oakwood Avenue as well as 1,984 feet of 8-inch waterline on Toy Street and Wilson Street. The department also cleaned the red sand filter at the water treatment plant, continued upgrading the SCADA system, and treated and pumped 520,697,000 gallons of water.

The electric department was busy with infrastructure replacements and improvements as well. Electric crews replaced primary and secondary conductors in Norlick Place Subdivision, Deerfield Circle, Elbar Drive and Navarre Avenue. In addition, the department began replacing the streetlight poles and arms on South Main Street from Maple Street to South Street.

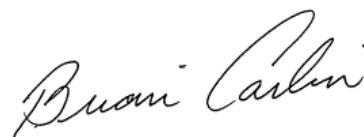
The Auglaize Hydroelectric Plant had an exceptional year. The plant produced 11,012,359 kWh in 2013, which equals \$714,019 in avoided costs for our customers. The facility set a new record for the highest daily generation output of 104,287 kWh on July 23. The Power Plant once again demonstrated its value to our customers. In 2013, the facility generated 890,581 kWh.

We utilized the power plant, hydroelectric plant and solar plant to peak shave our transmission peak and to provide capacity for the market. Transmission peak shaving and capacity sales from all three facilities totaled \$2,151,975 in savings for our customers.

The communications department also replaced aging infrastructure in its facilities. The crews upgraded three fiber Internet hubs, servers, fiber network switches and storage areas. The department also installed Internet equipment to better utilize available bandwidth capacity and installed virtualization software for the utility servers. The department continued to provide assistance to our city and county offices and offered video services for Bryan High School sports, city events, and local government meetings.

Department heads continued to monitor their work processes for overall efficiencies and savings. The strong financial status of the utility for 2013 reflects that effort. The electric department finished the year with a fund balance of \$9,497,751, which is an increase of \$1,562,091. The water department fund balance increased by \$251,397 to \$1,076,183, and the communications department fund balance increased by \$44,512 to \$1,110,611.

The rest of this report highlights the projects and accomplishments of each department and presents a detailed accounting of utility finances. It is the goal of Bryan Municipal Utilities and its employees to provide Bryan citizens with reliable electric, water, and communications services at the best possible price. If you have any questions or comments, please feel free to contact me.



Brian Carlin
Director of Utilities

Auglaize Hydroelectric Plant



Celebrating 100 years of history and power production

Precipitation in northwest Ohio was 10 percent more than normal in 2013. The spring rains in March and April were strong and the Auglaize Hydroelectric Plant produced good generation. July proved to be an exceptional month for generation. On July 23, the plant set a record for daily generation at 104,287 kWh or enough energy to power 122 average Bryan homes. The remaining months of the year were about average, and the total generation for 2013 finished at 11,012,359 kWh. Generation from the plant in 2013 provided a cost avoidance of \$714,019 and supplied five percent of Bryan's total power supply.

During the first quarter of 2013, the power plant crews were busy installing the newly rebuilt unit #5. This unit was taken out of service late 2012 to perform a major rebuild. The stator and rotor were rewound with new copper and class H epoxy insulation. Rewinding the generator upgraded its original rating of 650 kilowatts to 800 kilowatts. The main runner, the water wheel that supplies the power to turn the generator, was refurbished and balanced dynamically. A high-performance ceramic coating was applied to the runner for long life, and new forged steel shafts were fabricated to replace the fatigued 1913 vintage shafts. The power plant crews cleaned and painted all the remaining parts.

Along with the rebuild of unit #5, the existing underwater wicket gate positioning system was removed and replaced with a new floor-mounted system. The wicket gate system is used to control the amount of water that enters the runner and in turn controls the speed and power of its output. By replacing the old underwater system, we are now able to easily troubleshoot problems and make necessary repairs at the plant floor. This also eliminated spill hazards associated with underwater hydraulic cylinders. Unit #5 was placed back into service on April 15, and it is running better than ever.

In October, Bryan Municipal Utilities celebrated Public Power Week with an open house at the Auglaize plant. The major refurbishing was finally completed, the powerhouse cleaned and all the units dressed in new paint. The plant, in the best condition ever, was presented with great pride. A video commemorating the centennial of the plant was produced in-house. Old photos, maps and interviews told the story of



Bryan Municipal Utilities welcomed the public to the Auglaize Hydroelectric Plant during Public Power Week. Operators briefly opened the floodgate, and visitors gathered on the deck to get a better view of water rushing through the gate.

the plant from its ground breaking in 1911 to present. More than 600 visitors toured the powerhouse and watched demonstrations of the floodgates in operation. They were gifted with the centennial DVD and booklet as a souvenir of their visit.

With the plant now at full capacity, 2014 should be a rewarding year. We look forward to steady river flows and hope to provide a constant revenue stream for many years to come.

Electric Department



Accomplishing many improvements to our electric system

There were many personnel changes within the utility departments in 2013, including the Electric Department. Nevertheless, the department performed impressively and accomplished many improvements to Bryan's electric system.

The electric crews converted overhead primary and secondary circuits to underground feeds along the 100 block of Elbar Drive, the 900 block of Navarre Avenue, and at 1215 Buffalo Road. They also replaced aging underground primary and secondary cables in Norlick Place Subdivision, the 100 block of Palmer Lane in East Village Subdivision, and to the new Williams County Annex Building. The department devoted many hours to these underground projects, all of which resulted in improved reliability of service.

While replacing some damaged poles, electric crews rebuilt the single-phase primary in the alley between the 300 and 400 blocks of North Allen Street and Emmet Street and the three-phase primary in the 700 and 800 blocks of East Trevitt Street and its alleyways. They also replaced the poles and hardware in the 1300 through 1500 blocks of Center Street, increasing the circuit reliability.

New primary services were extended to O'Reilly's Auto Parts Store, Malibu Tanning, and Curves Fitness Center on South Main Street and Father John's on Butler Street. The crew also completed an underground circuit loop in Deerfield

Subdivision, providing customers in the subdivision with the reliability of backup feeds.

In the Industrial Park, the electric crew extended primary overhead service and installed a junction box and new transformer for A-Stamp Industries. The crews also completed a single-phase to three-phase upgrade for N & L Farms and a three-phase overhead service extension on County Road F north of Bryan. This year, the electric metering and service crews completed nearly 650 work orders.

In addition, the electric department contracted with AMP Forestry Department to perform 632 hours of line clearance tree trimming to prevent outages within our electric system. We also contracted with American Energy Services to sonic test the condition of poles in the northeast quadrant of Bryan and all the 34.5 kV poles in our system. Additionally, the electric crews replaced approximately 300 residential electric meters to prepare for future implementation of an advanced metering system.

As usual, the electric department continued to provide the city of Bryan and surrounding areas with reliable, dependable service with minimal power outages and prompt customer support. We look forward to continuing to improve our electric infrastructure and delivering excellent service in the coming year.



Al Sullivan, Superintendent of Electric Distribution
Adam Brandt, Electric Supervisor



Water Department



John Caperton, Water Distribution Supervisor
Norm Echler, Water Superintendent
Derek Schultz, Water Treatment Supervisor



Making sure customers have ample, safe drinking water

The focus each day of the Water Department is to make sure our customers always have an ample supply of safe drinking water. Parts of the city's underground water distribution system are more than 100 years old, so we plan pipe replacements each year to keep the system in good working order. We also perform routine maintenance and daily water sampling.

In 2013, we replaced 989 feet of old 4-inch cast iron water main on Oakwood Avenue, from Portland Street to Oak Branch, with new 8-inch PVC water main. We used a directional boring contractor to install the main pipe, and the water department crew installed all the fittings, hydrants, valves and service lines. The old line had become very unreliable with numerous breaks. The new

water main increases fire protection and service reliability in the area.

In a joint project with city engineering, the water department contracted to replace 1,984 feet of troublesome 4-inch and 8-inch cast iron water main on Toy Street and East Wilson Street. The new water main is 8-inch PVC pipe and greatly increases reliability and flows for fire protection in the area.

In addition to the two water main replacement projects, the water distribution crews performed more than 120 excavations to do maintenance on the underground system. The crews also updated 132 water meters and replaced 60 water meter settings throughout the city.

This year, we cleaned the red sand filter at the water treatment plant. This filter is a holding tank for the iron that is removed from the drinking water. Once every five to seven years, we rehabilitate the filter by removing all of the iron sludge and inspecting the sand.

The water department maintains seven wells to supply the drinking water needs of the community. This year, we replaced a failing check valve in Well #6. We also monitored groundwater levels and water quality by taking regular measurements and samples.

Personnel gave the interior of the water treatment plant a fresh coat of paint. They also painted the interiors of four well houses. We pride ourselves on keeping the facilities clean and presentable. We gave tours of the facility as requested by our local civic clubs and schoolteachers.

Derek Schultz was promoted to the position of Water Treatment Plant Supervisor to fill the vacancy created when Nathan Gardner was promoted to Engineering Supervisor. Derek is an Ohio EPA Certified Class III Water Supply Operator.

In 2013, the water treatment plant pumped, treated, and delivered 520,697,000 gallons of water. Laboratory analysts performed 532 bacteriological tests. They also performed daily pH, chlorine and iron tests.

There are 70 miles of underground water pipes to keep in good working order. We will continue to replace older and smaller water mains in an effort to keep up with aging lines. We will also continue to monitor the underground water source for quality and quantity. We welcome your questions and are available to assist you.



Communications Department



Providing constant, reliable communications services

In 2013, the Communications Department completed many cable, Internet, fiber network, and infrastructure projects. While it was a very busy year, we were also able to address planning for the future of the department and to begin implementing those plans.



The department continues to carry the large responsibility of providing constant and reliable communications services for the utility, city departments, and other local government and business organizations.



This year, we upgraded our digital cable product from our provider to allow us to add more programming on the digital tier. We added Investigation Discover, OWN, and Nat Geo Wild in High Definition for our digital customers. The number of subscribers to our digital tier continued to increase, and many of these customers subscribe to HD DVR services as well. Bryan Municipal Utilities also offers the best analog extended basic cable package in the area. We have avoided the national trend of placing more channels on the digital tier and forcing customers to have set top boxes on their television sets.

The department worked with telephone carriers to upgrade our Internet bandwidth to a larger capacity. We plan to have a large amount of bandwidth available in 2014, hopefully during the first quarter. This will provide our customers with the needed reliability of available Internet at all times. As your local broadband provider, we are committed to meeting the ongoing demand for more bandwidth.

The communications department also upgraded the fiber Internet in almost all of our system in 2013. This greatly improved the upload speeds for our customers. Download speeds will greatly improve with implementation of our new circuit in 2014. We also installed equipment to manage our Internet bandwidth better.

The department completed several fiber optic projects in 2013. These included new fiber connections for A-Stamp Industries, Titan Tire, and the new Williams County East Annex. We also built fiber and network infrastructure in the Bryan Street Hub and provided connectivity for the protective relays in the electric substations.

This year we upgraded our main network core switch. We installed a



Joe Ferrell, Superintendent of Communications



new Cisco Nexus switch, which provides us with more capability to serve our internal and external customers. We also installed two Cisco switches for the utility storage area network and completed software and server upgrades in our virtual environment.

BMU video crews continue to produce and

broadcast many events within the city. These include Bryan High School sports, concerts, and the Jubilee parade. The video crew also produced local advertising and placed it on our cable television system. Support from local advertisers enables us to provide excellent local programming that can only be seen on BMU cable service.

Power Plant



Tim Moes, Power Plant Supervisor
Matt Killion, Superintendent of Power Production



VIDEO
MESSAGE





Maximizing the benefits of power plant generation

The crews at the Power Plant operate generation at strategic times throughout the year in order to maximize the benefit of the utility's installed generating capacity. Typically, the generators are used during times of peak demand for electricity on very hot summer afternoons or extremely cold winter mornings. To assure that generation is up and running during the peak demand, the power plant operated seven different days throughout the year in anticipation of a new peak demand day. In 2013, the peak demand occurred from 2 to 3 p.m. on July 18. The power plant electrical generation in 2013 will account for saving more than \$1.9 million in power costs in 2014.

When not generating, the power plant crews are busy maintaining and making improvements to the generation equipment and the electrical distribution substations in the city. They fitted new nitrogen gas control cabinets on the 12 kV distribution transformers at both Baker Street and Curtain Substations. These cabinets regulate the pressure of the insulating nitrogen gas on top of the transformers and automatically add or remove nitrogen to maintain safe pressure levels. The new cabinets can now be monitored by our SCADA system for alarms. The crew also replaced the load tap changer controls on the Curtain 12 kV distribution transformer with new digital

controls. The digital controls will better regulate distribution voltages and can be monitored with SCADA.

This year, the crews rebuilt the air compressors that control the Westinghouse gas turbine generators. They also removed, cleaned, resealed and placed back into service the heat exchanger on the large Nordberg diesel generator.

In order to increase the frequency of equipment testing and to reduce the expense of outside contractors, we purchased a new Megger relay test set. Already, we have found many uses for this versatile test equipment. We can test the settings of substation control elements before placing equipment into service to insure proper operation. We have also found that we can use it to source signals to our generator control circuits. This allows us to troubleshoot and calibrate the generators without starting the units. We continue to find uses for the test set capabilities.

The coming year will bring more opportunities for the power plant to maximize our return on investment in the plant. Changes in recent power contracts as well as extremes in weather will allow us to utilize our generation capabilities to benefit the citizens of Bryan.

Board of Public Affairs



Board Members: Albert Horn, Mary Burns, William Yahraus, Bonnie Kimpling-Kelly, Bill Pepple (Board Chairman)

The Bryan Board of Public Affairs is a five-person board elected to set direction and decide policy for the community-owned utility. The full Board meets twice monthly in open session, and the meetings are broadcast on BMU-TV.

The Board keeps itself informed of utility services, financial position, and personnel on a regular basis. The BPA has four committees that meet once a month. At these meetings, management discusses all significant utility activities with Board members.

At the end of 2013, board member Bill Yahraus passed away. We are grateful for his four years of service on the Board of Public Affairs and his dedication to Bryan.

The Board continues to work hard to offer the best possible electric, water and communications services for the citizens of Bryan.

Five-Year Summary

	2013	2012	2011	2010	2009
ELECTRIC DEPARTMENT					
Income	\$20,986,250	\$20,981,855	\$22,934,827	\$21,590,251	\$20,615,003
Expenses	18,507,714	18,056,710	20,066,058	18,608,926	18,257,925
Balance	\$2,478,536	\$2,925,145	\$2,868,769	\$2,981,325	\$2,357,078
Capital Improvements	743,792	1,568,474	770,932	928,300	1,381,597
Debt Service	0	0	2,800,000	600,000	340,000
Fund Balance Dec. 31	9,497,751	7,935,660	6,815,910	7,197,461	6,720,138
Meters					
Residential	5,047	5,049	5,049	5,061	5,036
Commercial	699	699	700	713	729
Industrial	52	53	53	54	54
Unbilled Services	234	235	233	229	218
Total Meters	6,032	6,036	6,035	6,057	6,037
kWh Used					
Residential	47,115,840	46,799,040	48,111,640	48,650,850	45,263,010
Commercial	28,420,807	26,816,976	27,346,038	26,644,031	27,529,753
Industrial	123,586,805	127,200,020	125,445,347	128,513,632	116,590,540
Unbilled Services	7,250,720	6,757,880	6,855,820	7,676,691	8,326,450
Total kWh (1)	215,552,698	218,062,784	220,889,709	224,376,736	208,958,114
Peak Demand (kilowatts)	40,480	41,490	51,550	42,950	42,720
<i>(1) Includes line loss and power plant use</i>					
WATER DEPARTMENT					
Income	\$1,920,381	\$1,826,057	\$1,742,606	\$1,716,138	\$1,677,370
Expenses	1,360,867	1,358,391	1,325,644	1,175,010	1,331,758
Balance	\$559,514	\$467,666	\$416,962	\$541,128	\$345,612
Capital Improvements	308,117	749,417	239,623	265,388	324,260
Debt Service	0	49,124	49,562	49,562	49,562
Fund Balance Dec. 31	1,076,183	824,786	1,155,661	1,027,884	801,706
Meters					
Residential	3,219	3,221	3,218	3,213	3,199
Commercial and Industrial	626	624	629	642	650
Unbilled Services	47	47	47	45	43
Total Meters	3,892	3,892	3,894	3,900	3,892
Gallons Used					
Residential	146,670,084	159,665,088	151,357,800	157,322,352	154,712,580
Commercial and Industrial	235,999,984	247,386,040	236,564,724	240,822,340	224,865,256
Unbilled Services	27,424,950	31,933,085	20,929,476	18,630,852	16,663,383
Total Gallons (2)	520,697,000	572,198,000	550,200,997	518,365,000	462,925,000
<i>(2) Includes line loss and backwashes at the water plant</i>					
COMMUNICATIONS DEPARTMENT					
Income	\$2,416,891	\$2,409,763	\$2,228,949	\$2,153,038	\$2,052,581
Expenses	2,000,282	1,918,632	1,810,084	1,842,193	1,917,332
Balance	\$416,609	\$491,131	\$418,865	\$310,845	\$135,249
Capital Improvements	206,739	62,516	155,732	141,780	467,728
Debt Service	165,358	104,000	104,000	104,000	104,000
Fund Balance Dec. 31	1,110,611	1,066,099	741,484	582,351	517,286
Customers					
Cable TV	1,936	1,996	2,205	2,141	2,424
Internet	1,548	1,521	1,503	1,404	1,370
Fiber	36	35	34	32	26
Total Customers	3,520	3,552	3,742	3,577	3,820

Electric Department

2013 Operating Income and Expense

Operating Income:	
Charges for Services	\$19,805,396
Other Operating Income	702,741
Total Operating Income	<u>\$20,508,137</u>
Other Income:	
Interest Income	\$8,327
Other Miscellaneous Income	469,786
Total Other Income	<u>\$478,113</u>
Total Income	<u>\$20,986,250</u>
Operating Expenses:	
Purchase Power	\$13,088,841
Power Plant Operations	885,573
Solar Lease	607,648
Distribution Operations	1,280,465
Billing and Accounting	265,655
Customer Service and Administration	866,319
Maintenance	84,474
Board of Public Affairs	59,817
Electric Communications	325,069
Hydroelectric Plant Operations	219,961
Total Operating Expenses	<u>\$17,683,822</u>
Other Expenses:	
Kilowatt Hour Tax to State of Ohio	\$68,313
Kilowatt Hour Tax to General Fund	755,579
Total Other Expenses	<u>\$823,892</u>
Total Expenses	<u>\$18,507,714</u>
Balance Available for Capital Improvements	<u>\$2,478,536</u>
Capital Improvements	
Power Plant	\$101,252
Distribution	348,032
Billing and Accounting	7,106
Customer Service and Administration	130,376
Electric Maintenance Shop	0
Electric Communications	29,624
Hydroelectric Plant	127,402
Total Capital Improvements	<u>\$743,792</u>
AMPGS Fees	\$157,240
Transfer to Generator Maintenance Fund	\$15,413

2013 Fund Transactions and Balances

	Balance Dec. 31, 2012	Income	Expenses	Capital	Balance Dec. 31, 2013
Electric Fund	\$7,935,660	\$20,986,250	\$18,507,714	\$743,792	\$9,497,751 *
Utility Deposit Fund	149,784	40,025	36,866	0	152,943
Generator Maintenance	\$143,960	15,413	0	0	159,373
Total	\$8,229,404	\$21,041,688	\$18,544,580	\$743,792	\$9,810,067

* \$15,413 transferred to Generator Maintenance Fund

* \$157,240 AMPGS fees

2013 Power Production Data

Gross Kilowatt Hours Generated by Power Plant	890,581
Gross Kilowatt Hours Generated by Auglaize Hydro	11,012,359
Gross Kilowatt Hours Generated by Solar Field	2,618,792
Total Gross Kilowatt Hours Generated	14,521,732
Power Plant Generated and Sold Kilowatt Hours	(707,079)
Adjusted Total Gross Kilowatt Hours Generated	13,814,653
Kilowatt Hours Purchased	
American Municipal Power (AMP)	104,150,054
Belleville Hydroelectric Project (JV5)	8,050,440
New York Power Authority (NYPA)	5,124,235
AMP Fremont Energy Center (AFEC)	27,786,229
Prairie State Coal Plant	43,166,265
Blue Creek Wind Farm	4,700,822
Landfill Gas	8,760,000
Total of Gross Kilowatt Hours Purchased	201,738,045
Gross Generated and Purchased Kilowatt Hours	215,552,698
Customer Metered Kilowatt Hours	206,374,172
Power Plant Use	901,838
Kilowatt Hour Line Loss (3.8%)	8,276,688
Total Metered and Line Loss	215,552,698

Water Department

2013 Operating Income and Expense

Operating Income:	
Charges for Services	\$1,872,782
Other Operating Income	6,846
Total Operating Income	<u>\$1,879,628</u>
Other Income:	
Interest Income	\$1,051
Other Miscellaneous Income	39,702
Total Other Income	<u>\$40,753</u>
Total Income	\$1,920,381
Operating Expenses:	
Supply and Distribution	\$1,013,284
Billing and Accounting	91,084
Customer Service and Administration	256,499
Total Expenses	\$1,360,867
Balance Available for Capital Improvements	\$559,514
Capital Improvements:	
Supply and Distribution	268,943
Billing and Accounting	1,995
Customer Service and Administration	37,179
Total Capital Improvements	\$308,117

2013 Fund Transactions and Balances

	Balance Dec. 31, 2012	Income	Expenditures	Capital	Balance Dec. 31, 2013
Water Fund	\$824,786	\$1,920,381	\$1,360,867	\$308,117	\$1,076,183
Utility Deposit Fund	149,784	40,025	36,866	0	152,943
Total	\$974,570	\$1,960,406	\$1,397,733	\$308,117	\$1,229,126

2013 Water Production Data

	Meters	Gallons Used
Residential	3,219	146,670,084
Commercial & Industrial	626	235,999,984
City of Bryan (Unbilled Service)	47	27,424,950
Bulk Water & Hydrant Meter Water	-	261,194
Filter Backwash/Production Water	-	2,711,500
Hydrant Flushing	-	5,500,000
Other	-	547,500
Total	3,892	419,115,212
Line Losses (19.5%)		101,581,788
Total Metered and Line Loss in Gallons		520,697,000

Communications Department

2013 Operating Income and Expense

Operating Income:	
Charges for Services	\$2,350,966
Other Operating Income	53,855
Total Operating Income	<u>\$2,404,821</u>
Other Income:	
Interest Income	\$1,064
Other Miscellaneous Income	11,006
Total Other Income	<u>\$12,070</u>
Total Income	\$2,416,891
Operating Expenses:	
Supply and Distribution	\$1,925,360
Billing and Accounting	74,236
Interest on Electric Department Loan	686
Total Expenses	<u>\$2,000,282</u>
Balance Available for Capital Improvements and Debt Service	\$416,609
Capital Improvements	
Supply and Distribution	\$205,739
Billing and Accounting	1,000
Total Capital Improvements	<u>\$206,739</u>
Debt Service (1)	
Balance – January 1, 2013	\$1,144,000
Principal Payment	<u>165,358</u>
Balance – December 31, 2013	<u>\$978,642</u>

(1) Loan for Communications Department start-up expenses, headend and other electronic equipment

2013 Fund Transactions and Balances

	Balance Dec. 31, 2012	Income	Expenditures	Capital	Debt Service	Balance Dec. 31, 2013
Communications Fund	<u>\$1,066,099</u>	<u>\$2,416,891</u>	<u>\$2,000,282</u>	<u>\$206,739</u>	<u>\$165,358</u>	<u>\$1,110,611</u>

2013 Communications Customer Data

	Cable TV	Internet	Fiber
Residential	1,854	1,421	0
Commercial & Industrial	64	112	21
Unbilled Services	18	15	15
Total	<u>1,936</u>	<u>1,548</u>	<u>36</u>

Unbilled Services

2013 Unbilled Utilities

	ELECTRICITY	WATER	COMMUNICATIONS
Street and Security Lights	\$71,419	\$0	\$0
Utility Departments, Building & Facilities	190,942	12,335	70,200
Parks, Pools & Other Recreational Areas	72,655	28,297	0
Bryan Community Center	6,253	383	1,334
Municipal Departments, Buildings & Facilities	336,042	43,168	100,253
County and EMS	4,622	342	6,211
Traffic Signals	9,954	0	0
Bryan City Schools	2,698	0	32,630
Day in the Park, Jubilee, Christmas Lights	2,472	351	0
Other	625	0	7,277
Unbilled Utilities	\$697,682	\$84,876	\$217,905

2013 Unbilled Labor, Materials and Utilities

ELECTRIC DEPARTMENT

Maintenance Services (Labor and Equipment) Provided	
Street Light Installation and Maintenance	\$3,078
All Other City Services and Civic Organizations	27,697
Total Unbilled Maintenance (Labor) Provided including Equipment	\$30,775
Materials Provided	
New Street Lights and Replacements	\$4,958
All Other City Services and Civic Organizations	25,891
Total Unbilled Materials Provided	\$30,849
Unbilled Electricity	\$697,682
Total Unbilled Labor, Materials, and Electricity	\$759,306

WATER DEPARTMENT

Maintenance Services (Labor) Provided	
Installation and Services to City Facilities	\$11,171
Installation and Maintenance of Fire Hydrants	35,962
Equipment	25,184
Total Unbilled Maintenance (Labor) Provided including Equipment	\$72,317
Materials Provided	
Water Lines and Services to City Facilities	\$200
New Fire Hydrants and Replacements	27,000
Total Unbilled Materials Provided	\$27,200
Unbilled Water	\$84,876
Total Unbilled Labor, Materials, and Water	\$184,393

COMMUNICATIONS DEPARTMENT

Maintenance Services (Labor) Provided	
Installation and Services to City Facilities	\$1,505
Installation and Services to Bryan City Schools Facilities	210
Total Unbilled Maintenance (Labor) Provided including Equipment	\$1,715
Materials Provided	
Cable and Accessories for Services to City Facilities	\$0
Cable and Accessories for Services to Bryan City Schools	0
Total Unbilled Materials Provided	\$0
Unbilled Communications	\$217,905
Total Unbilled Labor, Materials, and Communications	\$219,620

Total Unbilled Utility Services **\$1,163,319**

Personnel

Employee	Title	Years of Service
Armstrong, Shelley	Account Clerk II	2
Bayliss, Terri	Account Clerk II	15
Beres, Rockie	Water Distribution Operator I	3
Bostater, Sandy	Assistant Office Manager	22
Brandt, Adam	Lineworker Supervisor	18
Buda, Patricia	Deputy Clerk-Treasurer	25
Buehrer, Scott	IT Technician/Help Desk Support	1
Caperton, John	Water Distribution Supervisor	14
Carlin, Brian	Director of Utilities	19
Carter, Bob	Utility Engineering Assistant III	8
Davies, Jessica	Account Clerk I	0
Degroff, John	Laborer I	7
Echler, Norm	Water Superintendent	28
Ferrell, Joe	Communications Superintendent	6
Frank, Mandy	Account Clerk II	13
Gardner, Nathan	Utility Engineering Supervisor	9
Geren, A.J.	Power Plant Operator II	16
Hensley, Suzy	Utility Engineering Assistant III	18
Herman, Eric	Videographer	8
Hosler, Michelle	Account Clerk I	5
Hulbert, Brent	Power Plant Operator II	16
Hulbert, Brett	Water Distribution Operator III	22
Killion, Matt	Power Production Superintendent	5
Longcore, Whit	Lineworker I	1
Lyons, Mike	Communications Technician III	12
Moes, Tim	Power Plant Supervisor	1
Moore, Ken	Senior Network Engineer	5
Myers, Keira	Account Clerk III	17
Pendleton, Lou	Director of Public Relations	13
Perry, Jackie	Human Resources Director	8
Ramos, Sylvia	Administrative Assistant	8
Rau, Kevin	Lineworker IV	21
Reynolds, Kay	Account Clerk III	25
Robinett, Kyle	Lineworker IV	29
Rode, Laura	Clerk-Treasurer	8
Rohlof, Lisa	Account Clerk III	20
Rupp, Justin	Lineworker I	2
Schultz, Derek	Water Treatment Plant Supervisor	1
Shipley, Tom	Power Plant Operator III	28
Smith, Jay	Customer Service Worker I	20
Smith, Julie	Laborer I	2
Smith, Shane	Lineworker II	11
Steiner, Ben	Water Distribution Operator I	1
Stimpfle, Todd	Communications Technician III	7
Suffel, Brandon	Lineworker IV	9
Sullivan, Al	Electric Superintendent	19
Vollmar, Kevin	Mechanic III	26
Wheeler, Lonny	Warehouse Worker	2
Wheeler, Tom	Electrician II	14
Wilde, Patrick	Communications Technician I	6
Wilson, Eugene	Water Distribution Operator III	14
Zigler, Jay	Power Plant Operator II	10

Bryan Municipal Utilities
841 East Edgerton St.
Bryan, Ohio 43506

Phone: 419-633-6100
Fax: 419-633-6105

Email: utility@cityofbryan.com

Hours: 7:30 a.m. to 4:30 p.m.
Emergencies and After Hours:
419-633-6150

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Photo: Immature bald eagles and Canadian geese feed just downriver from the Auglaize Hydroelectric Plant.

