reliable local yours



Annual Report 2014 BRYAN MUNICIPAL UTILITIES Bryan Municipal Utilities is dedicated to providing reliable, affordable electric, water and communications services, and to enhancing the quality of life for our customer/owners and our community.

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# financial highlights

	2014	2013	Change	% Change
ELECTRIC DEPARTMENT				
OPERATIONS				
Income	\$21,509,185	\$20,986,250	\$522,935	2.5%
Expenses	19,257,095	18,507,714	749,381	4.0%
Balance	2,252,090	2,478,536	(226,446)	(9.1)%
FINANCE				
Capital Improvements	1,448,824	743,792	705,032	94.8%
Fund Balance Dec. 31	10,133,675	9,497,751	635,924	6.7%
Total Meters	6,030	6,032	(2)	0%
Total kWhr	217,831,336	215,552,698	2,278,638	1.1%
Peak Demand (kilowatts)	38,420	40,480	(2,060)	(5.1)%
WATER DEPARTMENT				
OPERATIONS				
Income	\$2,032,307	\$1,920,381	\$111,926	5.8%
Expenses	1,347,453	1,360,867	(13,414)	(1.0)%
Balance	684,854	559,514	125,340	22.4%
FINANCE				
Capital Improvements	452,499	308,117	144,382	46.9%
Fund Balance Dec. 31	1,308,538	1,076,183	232,355	21.6%
Total Meters	3,889	3,892	(3)	(0.1)%
Total Gallons	527,079,000	520,697,000	6,382,000	1.2%
COMMUNICATIONS DEPARTMEN	Г			
OPERATIONS				
Income	\$2,446,391	\$2,416,891	\$29,500	1.2%
Expenses	1,844,763	2,000,282	(155,519)	(7.8)%
Balance	601,628	416,609	185,019	44.4%
FINANCE				
Capital Improvements	57,934	206,739	(148,805)	(72.0)%
Debt Service	334,000	165,358	168,642	102.0%
Fund Balance Dec. 31	1,320,305	1,110,611	209,694	18.9%
Total Customers	3,324	3,520	(196)	(5.6)%

### Director's Letter



THE COMMUNICATIONS DEPARTMENT upgraded three fiber Internet hub sites and added more programming to the cable TV lineup. In addition, the department worked on increasing Internet bandwidth, upgraded the Microsoft mail exchange software, and continued with the virtualization of numerous servers.

THE ELECTRIC DEPARTMENT also continued infrastructure replacements and capital improvement projects. Crews completed replacing the underground service in Norlick Place Subdivision, replaced the light poles on South Main Street, and installed new service in Rachel Heights. Additionally, the department upgraded numerous streetlights utilizing new energy efficient LED fixtures. The Electric Department sent a team to compete in the American Municipal Power Lineworker Rodeo, and they placed second overall as a journeyman team.

THE POWER PLANT staff assisted with borescope inspections of the two Westinghouse turbines. Unfortunately, the results for one of the turbines indicated damage to the rotor blades, requiring a complete tear down of the unit and shipment of the

Certainly, 2014 will be a year remembered for its winter weather and the polar vortex. It was the sixth coldest Ohio winter on record, and Northwest Ohio experienced the second highest annual snowfall in history. January transmission energy and capacity prices escalated as demands on the grid greatly exceeded energy availability. Fortunately, the Board of Public Affairs had approved a residual load contract in October 2013, which softened the financial impact on our customers. Many in the Midwest were not as fortunate and received exceptionally high electric bills. Definitely, 2014 started out challenging. Nevertheless, it was a productive year for your local electric, water and communication utility.

THE WATER DEPARTMENT continued its capital improvement projects by installing 1,000 feet of 8-inch water main on Parkview Avenue. The department also replaced an 18-year-old end loader and spent many hours assisting the street department with snow removal. At the water treatment plant, personnel rebuilt a 16-inch bypass control valve, and inspected and cleaned the clear well.



rotor to Houston for evaluation. The unit will be repaired in the spring of 2015 to ensure generation capabilities for energy and capacity markets during the summer months.

### LOCAL POWER PRODUCTION

Again, this year our local power production helped secure cost savings for BMU customers. The Power Plant generated 847,488 kilowatt hours for a total gross revenue of \$2,164,050. The Auglaize Hydroelectric Plant generated 10,878,312 kilowatt hours for a total gross revenue of \$967,876, and the Bryan Solar Field produced 2,573,770 kilowatt hours for a total revenue stream of \$432,331. Generation from these three assets is utilized to peak shave load and sell into capacity markets. The additional revenue can be used for operations and rate stabilization.

The financial status of the utility for 2014 continues to be strong as each department diligently monitors its operations and efficiencies. Strong organizational and financial leadership within each department enabled the utility to take the lead in the City of Bryan's new

Industrial Park land purchase. Each department finished the year with solid fund balances. The Electric Department ended with \$10,133,675, which is an increase of \$635,924. The water department fund balance increased by \$232,355 to \$1,308,538, and the communications department balance increased by \$209,694 to \$1,320,305.

The success of Bryan Municipal Utilities comes from a strong foundation of employee commitment to our customers. The Board and utility staff strive to provide safe, reliable, environmentally responsible and competitively priced energy, water and data services. As always, if you have any questions or comments, please feel free to contact me.

Sincerely,

**BRIAN CARLIN**Director of Utilities

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### **Board of Public Affairs**



ALBERT HORN, 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.

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



In June 2014, Bryan Municipal Utilities participated in a telephone survey of our utility customers. American Municipal Power contracted a national research firm to conduct the survey among its member communities. Questions related to overall satisfaction with utility service, communication with customers, customer service, energy efficiency and technology, and other important topics.

A random sample of BMU industrial, commercial and residential customers had the opportunity to respond to the survey. The results were compared to the industry benchmark created from data collected from 50 utilities in the U.S. between 2012 and 2013.

### HIGH SATISFACTION, EXCELLENT EMPLOYEES

We were proud to see that customers' overall satisfaction level of Bryan Municipal Utilities is very high, well above the industry benchmark. BMU also rated above the industry benchmark in reliability, communication, value, and customer service. In the entire survey, Bryan Municipal Utilities employees rated the highest. More than 75 percent of all the customers surveyed gave BMU employees the highest rating of excellent.

Customers were asked why they rated the BMU employees as excellent, and the verbatim comments were used to generate the word cloud graphic above. The graphic is a visual representation of the comments collected and word frequency. The format is useful to quickly perceive the most prominent terms. Always good, friendly service.

## Electric Department







### IMPROVING THE CITY'S ELECTRIC SYSTEM

Throughout 2014, the Electric Department devoted many hours to both overhead and underground construction projects to increase system reliability and keep the lights on in Bryan.

An important part of our preventative maintenance is pole testing. The Electric Department is in the middle of a six-year program to inspect and test all 4,000 electric poles in the city's system and replace any damaged poles. In 2014, the electric crew replaced poles in the 69 kV transmission loop around the city and in the northeast quarter of town. In addition, the crew removed old unused wire and installed new crossarms, hardware, insulators, ground and guy-wires, and squirrel proofing. These replacements are very effective in maintaining electric reliability.

During the year, the electric crew extended a three-phase service to A-Stamp Industries, rebuilt the line at the

corner of County Road 13 and County Road C, and restructured the line in the 200 and 300 blocks of Paige Street. In addition, the crew replaced 10 poles in the 200 to 400 blocks of East Bement Street and the service pole and transformer bank for the Bryan Times. All of these overhead projects provide better serviceability of the lines and reduce the likelihood of outages due to inclement weather and squirrels.

The department was busy with underground construction projects as well. The first part of 2014 was focused on replacing the underground service in Norlick Place Subdivision. A local boring contractor was hired to install the conduits, and the electric crew installed and terminated the cables into the transformers and secondary junction boxes. Installing conduits and replacing the 40-year-old cable will reduce outages and greatly improve our ability to service that subdivision.



### INCREASING SYSTEM RELIABILITY

In addition, the electric department installed new underground service for A-Stamp Industries, upgraded the electric system at Bryan Trailer Park, converted the primary on North Cherry Street from overhead to underground, and extended the primary services on East Foster Street, Oxford Drive, and Avenue B. The crew also replaced the service to the girls' softball field in Recreation Park, installed new primary and secondary service for Rachel Heights, and upgraded the service to Portland Manor and surrounding area. Completion of these projects increased the reliability of electric service to these areas for many years to come.

The electric department completed several street lighting projects during the year as well. The electric crew replaced all the streetlights in Lakeland Woods Subdivision with new energy efficient LED lights. They also replaced the streetlight poles on South Main

Street and installed new light poles and fixtures on West Hamilton Street and Meadowbrook Road.

As an additional step to prevent outages, the electric department contracted with AMP Forestry Department to trim the trees away from the lines. Finally, at the end of the year, the electric department contracted Spectrum Engineering to study and evaluate the city's existing electric system, model various scenarios for growth, and recommend priorities for future maintenance and improvements.

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.

### Water Department



### PROFESSIONALLY TRAINED STAFF

Public water systems are managed and maintained by professionally trained staff. This past year, three new Bryan Municipal Utilities employees began their careers as water operators. Therefore, education and training were high priorities in the water department as well as normal maintenance and system improvements.

Jimmy Dunning and Chad Fitzenrider were hired as water treatment plant operator trainees to fill vacant positions. Both successfully completed a 16-week class in Basic Water Treatment. This course, coupled with on-the-job training, helps one acquire the knowledge to become a certified Public Water System Operator. Certification is achieved by documenting experience and passing an intensive test administered by the Ohio Environmental Protection Agency.

David Herman was hired to fill a vacancy in the water distribution crew. The distribution crew maintains the underground piping system, valves and fire hydrants. Crewmembers are also proficient in operating heavy construction equipment. Dave will begin Basic Water Distribution Systems class in January 2015.

At the water plant, we rebuilt the 16-inch bypass control valve. This valve is used to help prevent pressure spikes due to water hammer in the system when the high service pumps turn on and off. We also contracted a dive team to inspect and clean the 1-million gallon clearwell. Some naturally occurring iron settles out in the clearwell, and the divers removed it with a special underwater vacuum. We also replaced the chlorine gas leak detector to assure reliable operation.



The water treatment plant contains a state certified bacteriological laboratory. This year we added an additional procedure for coliform analysis. We now offer MMO/MUG and Quanti-tray methods. All three water plant operators were state tested and certified.

### INCREASING FIRE PROTECTION AND RELIABILITY

The water crew installed nearly 1,000 feet of new 8-inch water main on Parkview Avenue. This line allowed us to abandon the old problematic 4-inch cast iron pipe. The new line increases fire protection and reliability in the area and is part of our long-range plan to upgrade all of the old 4-inch cast iron lines.

In 2014, we replaced our 18-year-old end loader with a new model. We do much of our own pipe replacement as well as all of the emergency repairs, so it is necessary to replace equipment when needed.

In October, we hosted the American Water Works Association Ohio Section Northwest District meeting. This daylong educational workshop was attended by more than 120 people from all over the state. It was also a chance for us to highlight our city and maintain relationships with other water professionals.

We continue to safeguard our underground source of drinking water, as it truly is our only source of safe drinking water in Northwest Ohio. Our focus remains on protection of water quantity and quality. With the proliferation of large irrigation wells being drilled in the area, we are more than ever committed to learning as much as we can about the aquifer. A detailed hydrogeological study is planned for next year to help evaluate and update our current information as well as give us a tool for modeling the effects of additional usage.

## **Communications Department**



In 2014, 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 begin implementing
those plans.

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

For our digital cable customers, we added several more programs this year, including Disney Junior, Independent Film Channel, Bravo HD, CNBC HD, and MSNBC HD. We continued to provide quality programming to our digital tier subscribers. Many of these customers also subscribe to our popular HD DVR services. We also launched Hallmark Movies

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& Mysteries on our extended basic service. Bryan Municipal Utilities offers the best analog extended basic cable package in the area. We have avoided the industry trend of moving channels to an all-digital format and forcing customers to have set top boxes on their televisions.

### UPGRADING OUR INTERNET BANDWIDTH

This year, we also completed a significant project to upgrade our Internet bandwidth to a larger capacity. This provided our cable modem customers with more Internet speed and improved streaming capabilities. We continue to plan for more bandwidth circuits and equipment to meet the changing needs of our broadband customers.

The communications department completed several fiber optic projects in 2014, including providing fiber

connections to Chardan and Tomco companies. We also worked on the engineering and planning for a large dark fiber project, which we plan to activate in 2015.

This year, we replaced the utility's main Microsoft Exchange and installed virtualization and software upgrades for our network core operation. We also installed several new cable modem routers in our system to manage bandwidth for our Internet service.

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 very good local programming that can only be seen on BMU cable service.

### **Power Plant**



In addition to backup power during emergencies, BMU uses the generators for demand response and grid support, peak shaving during periods of high use, and generating power to sell directly to the market when the price of power is high.

A polar vortex settled over the Midwest at the beginning of 2014, creating increased demands for electricity. Generating during these periods of high demand to support the electrical grid is the most cost effective way for the Power Plant to use its generator assets. Normally,

these periods of high demand occur on hot summer days during the late afternoon. However, the summer of 2014 was much cooler than normal, and we did not need to utilize our generators to peak shave heavy loads.

The Power Plant earns revenue by generating power for market energy sales, demand response, load peak shaving and transmission peak shaving. In 2014, we generated 847,488 kilowatt hours and ran a total of 106 hours. The generators burned 11,363 million cubic feet of natural gas and 27,110 gallons of diesel fuel. This generation accounted for a total gross revenue of \$2,164,050 in 2014.

#### BORESCOPE INSPECTIONS

This year we performed borescope inspections of the two Westinghouse gas turbine generators. The inspection showed that the one at the Power Plant, known as GT#1, is in good condition. Only slight



weld repairs were needed on the combustion baskets and the case housing. The other Westinghouse known as GT #2 did not fare as well. The borescope revealed damage to both the compressor and turbine blades from foreign objects such as dirt, stones or metal flakes being sucked through the intake. In order to fully examine the rotor, the turbine case had to be split apart. It took eight 24-hour days to remove the turbine and determine what repairs are needed. We found more damage and scheduled a major repair for the second quarter of 2015.

#### ADDING A NEW FILTER HOUSE

After reviewing the damage to GT#2, we determined that the air inlet housing is inadequate and deteriorating. The power plant crew removed the old inlet structure and poured a concrete pad to add a new filter house to the intake. This project will be completed in the second quarter of 2015 and should eliminate the

root cause of the rotor damage that was found during the inspection.

In 2014, we also completed ultrasonic inspections on both of the large 150,000-gallon diesel storage tanks at the Power Plant. The inspection results were good and no major problems found. The next scheduled inspection will be due in five years.

The power plant crew will be hard at work in 2015 getting our generation equipment ready for the upcoming summer. Reassembling the Westinghouse GT#2 will be our main priority. We are fortunate at BMU to have generation assets to help keep rates down and provide reliable power to our customers.

## Auglaize Hydroelectric Plant



The 2014 season started out with extended periods of below zero temperatures and record levels of snowfall in northwest Ohio. Heavy ice formed over the Auglaize River above the dam with reports of ice up to 17-inches thick in some places. Thick river ice and large amounts of snow accumulation can be hazardous for the hydroelectric dam operations in the springtime. By maintaining low river levels, and with the help of a brief warm up followed by cooler weather in the spring, we were able to melt away the heavy ice for easy flow down the river and through the dam without any damage.

The slow snowmelt along with intermittent spring rainfall provided good flows and excellent generation through the month of June. After June, the rains diminished and the summer and fall of 2014 were dry, effecting overall generation for the year. The plant ended the year with a total generation output of 10,878,312 kilowatt hours, which earned \$967,876 in energy revenues.

On the north side of the river opposite of the powerhouse, a concrete wing wall extends 750 feet from the dam to State Route 111. Portions of this concrete wall are original to the dam, constructed more than 100 years ago. The concrete on the top of 275-foot section closest to the dam had significant deterioration and exposed rebar. The power plant crew along with contractors cleaned the loose concrete down to a solid base and then formed and poured a new concrete cap on top. This repair will protect the exposed concrete from the elements and extend the life of the wall.

The Auglaize Hydroelectric Plant provides five percent of the total power portfolio for the City of Bryan. Since the plant runs on hydropower, the generation is emission free. In addition, the plant also provides a wonderful waterfowl habitat in the winter by keeping the downstream side of the river ice-free. In summer, the dam creates an upstream reservoir that is a major recreational area for boating, water sports and fishing.

# five-year summary

•	2014	2013	2012	2011	2010
ELECTRIC DEPARTMENT					
Income	\$21,509,185	\$20,986,250	\$20,981,855	\$22,934,827	\$21,590,251
Expenses	19,257,095	18,507,714	18,056,710	20,066,058	18,608,926
Balance	\$2,252,090	\$2,478,536	\$2,925,145	\$2,868,769	\$2,981,325
Capital Improvements	1,448,824	743,792	1,568,474	770,932	928,300
Debt Service	0	0	0	2,800,000	600,000
Fund Balance Dec. 31	10,133,675	9,497,751	7,935,660	6,815,910	7,197,461
Meters	,	,,.,.,.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,	.,.,.,.,
Residential	5,052	5,047	5,049	5,049	5,061
Commercial	690	699	699	700	713
Industrial	53	52	53	53	54
Unbilled Services	235	234	235	233	229
Total Meters	6,030	6,032	6,036	6,035	6,057
kWhr Used					
Residential	48,025,060	47,115,840	46,799,040	48,111,640	48,650,850
Commercial	28,004,048	28,420,807	26,816,976	27,346,038	26,644,031
Industrial	113,504,016	123,586,805	127,200,020	125,445,347	128,513,632
Unbilled Services	6,594,195	7,250,720	6,757,880	6,855,820	7,676,691
Total kWhr (1)	217,831,336	215,552,698	218,062,784	220,889,709	224,376,736
Peak Demand (kilowatts)	38,420	40,480	41,490	51,550	42,950
(1) Includes line loss and other use					
WATER DEPARTMENT					
Income	\$2,032,307	\$1,920,381	\$1,826,057	\$1,742,606	\$1,716,138
Expenses	1,347,453	1,360,867	1,358,391	1,325,644	1,175,010
Balance	\$684,854	\$559,514	\$467,666	\$416,962	\$541,128
Capital Improvements	452,499	308,117	749,417	239,623	265,388
Debt Service	0	0	49,124	49,562	49,562
Fund Balance Dec. 31	1,308,538	1,076,183	824,786	1,155,661	1,027,884
Meters					
Residential	3,225	3,219	3,221	3,218	3,213
Commercial and Industrial	621	626	624	629	642
Unbilled Services	43	47	47	47	45
Total Meters	3,889	3,892	3,892	3,894	3,900
Gallons Used	1//510.02/	1////5000/	150 ((5.000	151 257 000	157 222 252
Residential	144,518,836	146,670,084	159,665,088	151,357,800	157,322,352
Commercial and Industrial	256,792,140	235,999,984	247,386,040	236,564,724	240,822,340
Unbilled Services	30,469,854	27,424,950	31,933,085	20,929,476	18,630,852
Total Gallons (1) (1) Includes line loss and other use	527,079,000	520,697,000	572,198,000	550,200,997	518,365,000
COMMUNICATIONS DEPART	ГМЕПТ				
Income	\$2,446,391	\$2,416,891	\$2,409,763	\$2,228,949	\$2,153,038
Expenses	1,844,763	2,000,282	1,918,632	1,810,084	1,842,193
Balance	\$601,628	\$416,609	\$491,131	\$418,865	\$310,845
Capital Improvements	57,934	206,739	62,516	155,732	141,780
Debt Service	334,000	165,358	104,000	104,000	104,000
Fund Balance Dec. 31	1,320,305	1,110,611	1,066,099	741,484	582,351
Customers	,, <del>.</del> .,	, ,		,	
Cable TV	1,777	1,936	1,996	2,205	2,141
Internet	1,510	1,548	1,521	1,503	1,404
Fiber	37	36	35	34	32
Total Customers	3,324	3,520	3,552	3,742	3,577

# electric department

### 2014 OPERATING INCOME AND EXPENSES

Operating Income:	
Charges for Services	\$20,513,169
Other Operating Income	420,086
Total Operating Income	\$20,933,255
Other Income:	
Interest Income	\$9,275
Other Miscellaneous Income	566,655
Total Other Income	\$575,930
Total Income	\$21,509,185
Operating Expenses:	
Purchase Power	\$13,261,442
Power Plant Operations	1,341,729
Solar Lease	607,647
Distribution Operations	1,534,837
Billing and Accounting	267,503
Customer Service and Administration	765,897
Maintenance	84,592
Board of Public Affairs	44,555
Electric Communications	293,954
Hydroelectric Plant Operations	267,114
Total Operating Expenses	\$18,469,270
Other Expenses:	
Kilowatt Hour Tax to State of Ohio	\$70,323
Kilowatt Hour Tax to City General Fund	717,502
Total Other Expenses	\$787,825
Total Expenses	\$19,257,095
Balance Available for Capital Improvements	\$2,252,090
015	
Capital Improvements	4012 (00
Property	\$812,480
Power Plant	17,191
Distribution	544,763
Billing and Accounting	0
Customer Service and Administration	8,540
Electric Communications	16,722
Hydroelectric Plant	49,128
Total Capital Improvements	\$1,448,824
AMPGS Fees	\$150,000
Transfer to Generator Maintenance Fund	\$17,342

### 2014 FUND TRANSACTIONS AND BALANCES

Total	\$9,810,067	\$21,567,472	\$19,294,695	\$1,448,824	\$10,466,678
Generator Maintenance	159,373	17,342	0	0	176,715
Utility Deposit Fund	152,943	40,945	37,600	0	156,288
Electric Fund	\$9,497,751	\$21,509,185	\$19,257,095	\$1,448,824	\$10,133,675*
	Dec. 31, 2013	Income	Expenses	Capital	Dec. 31, 2014
	Balance				Balance

<sup>\*\$17,342</sup> transferred to Generator Maintenance Fund \*\$150,000 AMPGS fees

### 2014 POWER PRODUCTION DATA

Gross Kilowatt Hours Generated by Power Plant	847,488
Gross Kilowatt Hours Generated by Auglaize Hydro	10,878,312
Gross Kilowatt Hours Generated by Solar Field	2,573,770
Total Gross Kilowatt Hours Generated	14,299,570
Kilowatt Hours Purchased	
American Municipal Power (AMP)	53,279,548
Belleville Hydroelectric Project (JV5)	8,317,213
New York Power Authority (NYPA)	6,197,835
AMP Fremont Energy Center (AFEC)	25,315,011
Prairie State Coal Plant	53,850,584
Blue Creek Wind Farm	4,713,742
Landfill Gas	8,760,000
American Electric Power (AEP)	43,097,833
Total of Gross Kilowatt Hours Purchased	203,531,766
Gross Generated and Purchased Kilowatt Hours	217,831,336
Kilowatt Hours Used	
Customer Metered Kilowatt Hours	196,127,319
Auglaize Hydro Kilowatt Hours Sold	10,878,312
Power Plant Use	945,663
Kilowatt Hour Line Loss (4.5%)	9,880,042
Total Metered and Line Loss	217,831,336

## water department

### 2014 OPERATING INCOME AND EXPENSES

Operating Income:	
Charges for Services	\$1,877,966
Other Operating Income	112,452
Total Operating Income	\$1,990,418
Other Income:	
Interest Income	\$1,199
Other Miscellaneous Income	40,690
Total Other Income	\$41,889
Total Income	\$2,032,307
Operating Expenses:	
Supply and Distribution	\$1,001,757
Billing and Accounting	92,260
Customer Service and Administration	253,436
Total Expenses	\$1,347,453
Balance Available for Capital Improvements	\$684,854
Capital Improvements:	
Supply and Distribution	447,645
Billing and Accounting	0
Customer Service and Administration	4,854
Total Capital Improvements	\$452,499

### 2014 FUND TRANSACTIONS AND BALANCES

	Balance				Balance
	Dec. 31, 2013	Income	Expenditures	Capital	Dec. 31, 2014
Water Fund	\$1,076,183	\$2,032,307	\$1,347,453	\$452,499	\$1,308,538
Utility Deposit Fund	152,943	40,945	37,600	0	156,288
Total	\$1,229,126	\$2,073,252	\$1,385,053	\$452,499	\$1,464,826

### 2014 WATER PRODUCTION DATA

_	Meters	Gallons Used
Residential	3,225	144,518,836
Commercial & Industrial	621	256,792,140
City of Bryan (Unbilled Service)	43	30,469,854
Bulk Water & Hydrant Meter Water	-	490,804
Filter Backwash/Production Water	-	2,685,632
Hydrant Flushing		5,550,000
Other		254,320
Total	3,889	440,761,586
Line Losses (16.4%)	_	86,317,414
Total Metered and Line Loss in Gallons		527,079,000

## communications department

### 2014 OPERATING INCOME AND EXPENSES

Operating Income:	
Charges for Services	\$2,351,485
Other Operating Income	60,518
Total Operating Income	\$2,412,003
Other Income:	
Interest Income	\$1,142
Other Miscellaneous Income	33,246
Total Other Income	\$34,388
Total Income	\$2,446,391
Operating Expenses:	
Supply and Distribution	\$1,768,728
Billing and Accounting	75,448
Interest on Electric Department Loan	587
Total Expenses	\$1,844,763
Balance Available for Capital Improvements and Debt Service	\$601,628
Capital Improvements	
Supply and Distribution	\$57,934
Billing and Accounting	0
Total Capital Improvements	\$57,934
Debt Service (1)	
Balance – January 1, 2014	\$978,642
Principal Payment	334,000
Balance – December 31, 2014	\$644,642

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

### 2014 FUND TRANSACTIONS AND BALANCES

Balance Balance
Dec. 31, 2013 Income Expenditures Capital Debt Service Dec. 31, 2014

Communications Fund \$1,110,611 \$2,446,391 \$1,844,763 \$57,934 \$334,000 \$1,320,305

### 2014 COMMUNICATIONS CUSTOMER DATA

	Cable TV	Internet	Fiber
Residential	1,676	1,405	0
Commercial & Industrial	83	90	22
Unbilled Services	18	15	15
Total	1,777	1,510	37

## unbilled services

201/11 1:11 1:11:11:			
2014 Unbilled Utilities	ELECTRICITY	WATER	COMMUNICATIONS
Street and Security Lights	\$70,509	\$0	\$0 70.061
Utility Departments, Building & Facilities	195,172	12,437	70,861
Parks, Pools & Other Recreational Areas	71,562	25,805	1 257
Bryan Community Center	6,838	322	1,357
Municipal Departments, Buildings & Facilities	296,561	47,561	100,408
County and EMS	5,377	317	13,599
Traffic Signals	9,697	0	22.102
Bryan City Schools	2,390	0 271	32,103
Day in the Park, Jubilee, Christmas Lights Other	2,292 728	134	7,321
Unbilled Utilities	\$661,126	\$86,847	\$225,649
Chomed Ctrities	\$001,120	\$60,647	\$223,049
2014 Unbilled Labor, Materials &	Utilities		
ELECTRIC DEPARTMENT			
Maintenance Services (Labor and Equipment) Pr	rovided		
Street Light Installation and Maintenance			\$30,882
All Other City Services and Civic Organization	ons		26,336
Total Unbilled Maintenance (Labor) Provided in	ncluding Equipment		\$57,218
Materials Provided			
New Street Lights and Replacements			\$6,238
All Other City Services and Civic Organization	ons		26,566
Total Unbilled Materials Provided			\$32,804
Unbilled Electricity			\$661,126
Total Unbilled Labor, Materials, and Electric	ity		\$751,148
WATER DEPARTMENT			
Maintenance Services (Labor) Provided			
Installation and Services to City Facilities			\$19,010
Installation and Maintenance of Fire Hydrant	:S		36,499
Equipment			25,412
Total Unbilled Maintenance (Labor) Provided in	cluding Equipment		\$80,921
Materials Provided	0 1 1		
Water Lines and Services to City Facilities			\$0
New Fire Hydrants and Replacements			21,000
Total Unbilled Materials Provided			\$21,000
Unbilled Water			\$86,847
Total Unbilled Labor, Materials, and Water			\$188,768
COMMUNICATIONS DEPARTMENT			
Maintenance Services (Labor) Provided			¢2 227
Installation and Services to City Facilities Installation and Services to Bryan City School	le Facilities		\$3,327 387
Total Unbilled Maintenance (Labor) Provided in			\$3,714
Materials Provided	letuding Equipment		ψ3,/14
Cable and Accessories for Services to City Fac	ilities		\$0
Cable and Accessories for Services to Bryan C			0
Total Unbilled Materials Provided	,		\$0
Unbilled Communications			\$225,649
Total Unbilled Labor, Materials, and Commu	nications		\$229,363
are transfer to the control of the c			d1 1 (0 0 = 0
Total Unbilled Utility Services	\$1,169,278		

# personnel

EMPLOYEE	TITLE	YEARS OF SERVICE
Armstrong, Shelley	Utility Account Clerk II	3
Baylis, Terri	Account Clerk II	16
Beres, Rockie	Water Distribution Operator II	4
Bostater, Sandy	Assistant Office Manager	23
Brandt, Adam	Lineworker Supervisor	19
Buda, Pat	Assistant Deputy Clerk Treasurer	26
Buehrer, Scott	IT Technician /Help Desk Support	2
Caperton, John	Water Distribution Supervisor	15
Carlin, Brian	Director of Utilities	20
Carter, Bob	Utility Engineering Assistant III	9
Davies, Jessica	Account Clerk I	1
Degroff, John	Laborer II	8
Dunning, Jimmy	Water Treatment Plant Operator Trains	ee 0
Echler, Norm	Water Superintendent	29
Ferrell, W. Joe	Communications Superintendent	7
Fitzenrider, Chad	Water Treatment Plant Operator Trains	ee 0
Frank, Mandy	Account Clerk II	14
Gardner, Nathan	Utility Engineering Supervisor	10
Geren, A.J.	Power Plant Operator II	17
Hensley, Suzy	Utility Engineering Assistant III	19
Herman, David	Water Distribution Operator Trainee	0
Herman, Eric	Local Programming & Production Lead	1 9
Hosler, Michelle	Account Clerk II	6
Hulbert, Brent	Power Plant Operator II	17
Hulbert, Brett	Water Distribution Operator III	23
Killion, Matt	Power Production Superintendent	6
Longcore, Whit	Lineworker I	2
Lyons, Mike	Communications Technician III	13
Moes, Tim	Power Plant Supervisor	2
Moore, Ken	Senior Network Engineer	6
Myers, Keira	Utility Account Clerk III	18
Pendleton, Lou	Public and Media Relations Manager	14
Perry, Jackie	Human Resources Director	9
Plummer, Brad	Lineworker II	0
Ramos, Sylvia	Administrative Assistant	9
Rau, Kevin	Lineworker IV	22
Reynolds, Kay	Account Clerk III	27
Rode, Laurie	Clerk Treasurer	9
Rohlof, Lisa	Account Clerk III	21
Rupp, Justin	Lineworker I	3
Schultz, Derek	Water Plant Supervisor	2
Smith, Jay	Meter Technician I	21
Smith, Julie	Laborer II	3
Smith, Shane	Lineworker III	12
Steinke, Lee	Customer Service Trainee	0
Stimpfle, Todd	Communications Technician III	8
Suffel, Brandon	Lineworker IV	10
Sullivan, Al	Electric Superintendent	20
Vollmar, Kevin	Mechanic IV	27
Wheeler, Lonny	Warehouse Worker II	3
Wheeler, Tom	Power Plant Operator II	15
Wilson, Eugene	Water Distribution Operator III	15
Zigler, Jay	Power Plant Operator II	11

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 © 2014

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