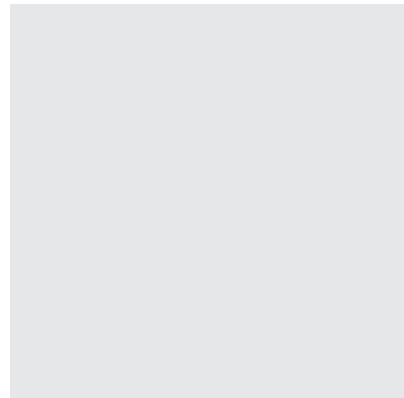
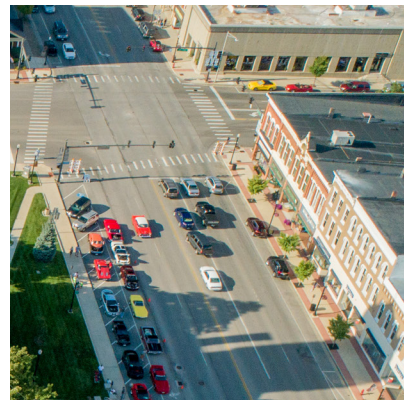


# 2024

ANNUAL REPORT



RELIABLE. LOCAL. YOURS.





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## BMU MISSION STATEMENT

BRYAN MUNICIPAL UTILITIES IS DEDICATED TO PROVIDING RELIABLE AND RESPONSIVE SERVICE WHILE PURSUING INNOVATIVE SOLUTIONS TO CREATE THE BEST VALUE FOR OUR CUSTOMERS

# MEET THE BRYAN BOARD

## OF PUBLIC AFFAIRS



JIM SALSURY



DICK LONG



KAREN FORD



ANNETTE SCHREINER



BOB EYRE

## THE BRYAN BOARD OF PUBLIC AFFAIRS

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 on the first and third Tuesday of each month at 5 p.m. The meetings are open to the public and an audio recording is later available on [www.cityofbryan.net](http://www.cityofbryan.net) for future reference. The Board keeps informed of utility services, financial position, and personnel on a regular basis.

### The essential and enduring guiding principles for the Bryan Board of Public Affairs and BMU employees are:

- **Integrity** – doing the right thing in an honest, fair, and responsible way
- **Dedication** – committed to applying our knowledge, expertise, and resources in a professional manner
- **Service** – providing reliable service at competitive rates
- **Customer Focused** – making our customers our primary focus every day
- **Communication** – providing clear and consistent communications in all we do

Since its creation in 1906, the Board of Public Affairs has focused on providing the residents and businesses of Bryan with reliable, superior service at a competitive cost while planning for the future and addressing the unexpected challenges along the way.

In 2024, the Board of Public Affairs was also instrumental in enhancing the quality of life for our customer/owners, our BMU/City staff, and our community with continued support of the Bard Fountain, the new Lincoln Park, and other enhancements within the City of Bryan.

The Bryan Board of Public Affairs and Bryan Municipal Utilities remains committed to ensuring our efforts continue to align with our mission, vision, and values for the success of our Bryan community.





# MANAGEMENT REPORT 2024

## FROM THE DIRECTOR

**BRYAN MUNICIPAL UTILITIES (BMU)** is a community-owned, not-for-profit provider of electric, water, and communication services for the City of Bryan. We are pleased to share another year of progress and dedicated service to our community. Throughout this annual report, you'll see how our employees who are the foundation of our organization collaborate, take pride in their work, and deliver outstanding service to our customers and the community. As Director of Utilities, my responsibility and goals are to uphold the excellent service record that has long been established and is rightfully expected by our community.

**FUND BALANCES** remain strong across all departments, even with a decline in total customer sales of electricity, water and communication services. Electric sales fell 1.6% compared to 2023, largely due to mild winter temperatures. Water sales declined by 4.6% from the previous year but remain stable. Although internet service was discontinued, communication revenues still exceeded budget projections. While sales have slightly decreased, we remain committed to responsibly monitoring our finances and making necessary operational adjustments to ensure continued stability and efficiency.

**POWER SUPPLY** remains the utility's largest expense, accounting for 74% of the electric utility's operational and maintenance costs in 2024. Wholesale power rates closed the year at \$45.79 per megawatt-hour, 24.7% lower than 2023 rates, but higher than forecasted due to lower market prices for excess energy sales and reduced production from hydro facility projects. BMU's annual power supply costs, which include wholesale power costs and BMU operational expenses, totaled \$53.79 per MWh. This represents a 12.9% decrease from 2023.

**POWER COST ADJUSTMENT (PCA)** mechanism is used to calculate and recover power-related costs from purchased power and generating facilities each month. This process enables the utility to compare actual power supply costs against the base power supply cost built into rate schedules and make the necessary adjustments to reconcile over or under recovery of costs. Throughout the entire year, Bryan customers benefited from a negative PCA, resulting in credits applied to customer bills. Key contributing factors include transmission and capacity savings from peak shaving with utility-owned assets, as well as revenue generated from selling power back

to the market and renewable energy credits (RECs) from the Auglaize Hydroelectric Plant and Bryan Solar Field. These cost-saving measures demonstrate the commitment and diligence of employees in managing power supply costs efficiently to benefit the community.



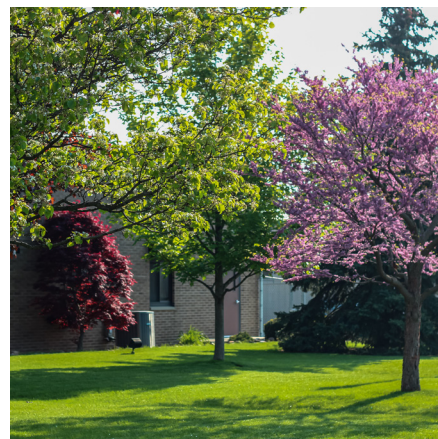
WE WOULD LIKE TO  
EXPRESS OUR  
**SINCERE GRATITUDE**  
TO THE RESIDENTS OF BRYAN  
FOR THEIR CONTINUED  
**SUPPORT AND TRUST IN BMU.**

**LONG-TERM PLANNING** for water system improvements also became a key focus in 2024. The Water Treatment Plant, originally constructed and brought online in 1973, has started to show signs of aging and operational challenges. Ensuring a safe and reliable water supply remains a top priority. The Board approved Jones and Henry Engineers to conduct a Water System Improvement Plan study and evaluate potential solutions. The study is expected to be completed in early 2025, at which time we will review the findings, discuss the best course of action, and formulate a long-term investment approach.

**THE BRYAN NORTH INDUSTRIAL PARK**, an 80-acre shovel-ready site purchased in 2014, reached a major milestone in 2024 with the sale of 15 acres to Nihart Real Estate LLC. This agreement will facilitate the development and expansion of a local business and is expected to generate further interest in the remaining sites, contributing to Bryan's continued economic growth.

**THE BRYAN GOOD NEIGHBORS UTILITY FUND**, established in 2005, assists residents facing financial hardship with their electric and water bills. Administered by the Northwest Ohio Community Action Commission (NOCAC), this fund is supported entirely through donations from the community. In 2024, the fund provided assistance to 29 households. A donation drive was conducted in the fall of 2024, resulting in a tremendous community response with 107 donations and over \$11,400 raised for this important initiative.





**THE UTILITY PROUDLY SUPPORTS** mutual aid efforts for public power communities in need, exemplifying the strength of the public power network. In 2024, we played a key role in restoration efforts in Florida and South Carolina following the devastation of hurricanes Milton and Helene. Several linemen who participated in these efforts were invited to share their experiences with local students, helping to build an understanding and appreciation for the critical role of public power in our daily lives. The utility also actively participates in Public Power Week, highlighting the importance of public power in supporting our community's well-being.

**ADDITIONALLY, THE UTILITY CELEBRATES** the importance of safe and reliable water through observances such as Drinking Water Week. This annual event highlights the value of clean water, and the utility participates in community outreach to educate residents on water conservation and the ongoing improvements to our water infrastructure. Through these efforts, the utility reinforces its commitment to water stewardship and the vital role of water professionals in our community.

**A COMPENSATION MARKET ASSESSMENT** was completed for positions across the utility, analyzing and developing a pay grade structure that ensures the utility remains competitive in attracting and retaining employees. Additionally, updates to the employee handbook were approved by both the Bryan Board of Public Affairs and Bryan City Council, further enhancing employee policies and benefits. The utility also encourages professional growth through continued education. Employees participated

in various training courses, webinars, and conferences throughout the year to stay informed on industry best practices and emerging technologies. After all, none of the utility's success would be possible without the dedication and hard work of its staff.

**AS WE WRAP UP 2024**, we would like to express our sincere gratitude to the residents of Bryan for their continued support and trust in BMU. Your loyalty and confidence in our services fuel our commitment to excellence. It is our privilege to serve this community, and we eagerly anticipate many more years of providing reliable, high-quality service.

*Thank you for being a part of our journey.*

**Derek Schultz**

*Derek Schultz*  
Director of Utilities





# FINANCIAL HIGHLIGHTS

## ELECTRIC DEPARTMENT

## 2024 HIGHLIGHTS

Operations	2024	2023	Change	%Change
Income	\$19,412,779	\$19,744,288	(\$331,509)	-1.7%
Expenses	15,017,859	16,683,613	(1,665,754)	-10.0%
Margin	\$4,394,920	\$3,060,675	\$1,334,245	43.6%
<b>Finance</b>				
Debt Service	\$92,360	\$0	\$92,360	100.0%
Capital Improvements Reserve Fund	\$300,000	\$2,206,044	(\$1,906,044)	-86.4%
<b>Total Fund Balances Available Dec. 31</b>	<b>\$18,976,669</b>	<b>\$17,030,779</b>	<b>\$1,945,889</b>	<b>11.4%</b>
<b>Total Meters</b>	<b>6,060</b>	<b>6,056</b>	<b>4</b>	<b>0.1%</b>
<b>Total Metered kWh</b>	<b>167,045,072</b>	<b>169,706,656</b>	<b>(2,661,584)</b>	<b>-1.6%</b>
<b>Peak Demand (kilowatts)</b>	<b>36,639</b>	<b>36,452</b>	<b>187</b>	<b>0.5%</b>

## WATER DEPARTMENT

<b>Operations</b>				
Income	\$3,013,595	\$2,947,855	\$65,740	2.2%
Expenses	2,148,920	2,026,154	122,766	6.1%
Margin	\$864,675	\$921,701	(\$57,026)	-6.2%
<b>Finance</b>				
Debt Service	\$143,999	\$61,432	\$82,567	134.4%
Capital Improvements Reserve Fund	\$150,000	\$500,000	(\$350,000)	-70.0%
<b>Total Fund Balances Available Dec. 31</b>	<b>\$3,759,791</b>	<b>\$4,065,831</b>	<b>(\$306,040)</b>	<b>-7.5%</b>
<b>Total Meters</b>	<b>3,917</b>	<b>3,901</b>	<b>16</b>	<b>0.4%</b>
<b>Total Metered Gallons</b>	<b>345,270,055</b>	<b>362,103,306</b>	<b>(16,833,251)</b>	<b>-4.6%</b>

## COMMUNICATIONS DEPARTMENT

<b>Operations</b>				
Income	\$818,028	\$854,294	(\$36,266)	-4.2%
Expenses	852,218	801,064	51,154	6.4%
Margin	(\$34,190)	\$53,230	(\$87,420)	-164.2%
<b>Finance</b>				
Capital Improvements Reserve Fund	\$0	\$0	\$0	0.0%
<b>Total Fund Balances Available Dec. 31</b>	<b>\$1,951,147</b>	<b>\$1,996,274</b>	<b>(\$45,128)</b>	<b>-2.3%</b>



# FUND BALANCES



## 2024 ELECTRIC UTILITY FUND TRANSACTIONS AND BALANCES

	Balance Dec. 31, 2023	Income	Expenditures	Capital	Debt Service	Balance Dec. 31, 2024
Electric Fund	\$12,293,722	\$19,412,779	\$15,017,859	\$0	\$92,360	\$16,296,282*
Electric Capital Improvement Fund	\$4,737,057	302,303	0	2,358,973	0	\$2,680,387
<b>TOTAL</b>	<b>\$17,030,779</b>	<b>\$19,715,082</b>	<b>\$15,017,859</b>	<b>\$2,358,973</b>	<b>\$92,360</b>	<b>\$18,976,669</b>

\*\$300,000 Transferred to Electric Capital Improvement Fund

## 2024 WATER UTILITY FUND TRANSACTIONS AND BALANCES

	Balance Dec. 31, 2023	Income	Expenditures	Capital	Debt Service	Balance Dec. 31, 2024
Water Fund	\$2,465,330	\$3,013,595	\$2,148,920	\$0	\$143,999	\$3,036,006*
Water Capital Improvement Fund	\$1,600,501	157,214	0	1,033,930	0	\$723,785
<b>TOTAL</b>	<b>\$4,065,831</b>	<b>\$3,170,809</b>	<b>\$2,148,920</b>	<b>\$1,033,930</b>	<b>\$143,999</b>	<b>\$3,759,791</b>

\*\$150,000 Transferred to Water Capital Improvement Fund

## 2024 COMMUNICATION UTILITY FUND TRANSACTIONS AND BALANCES

	Balance Dec. 31, 2023	Income	Expenditures	Capital	Debt Service	Balance Dec. 31, 2024
Communications Fund	\$1,914,484	\$818,028	\$852,218	\$0	\$0	\$1,879,417
Communications Capital Fund	\$81,790	877	0	11,814	0	\$70,853
<b>TOTAL</b>	<b>\$1,996,274</b>	<b>\$818,905</b>	<b>\$852,218</b>	<b>\$11,814</b>	<b>\$0</b>	<b>\$1,950,270</b>

**AS YOUR PUBLIC  
POWER UTILITY,  
WE ARE PROUD TO  
SERVE YOU**

**BY PROVIDING AFFORDABLE, RELIABLE,  
& ESSENTIAL SERVICES THAT BENEFIT YOU,  
WHILE MAXIMIZING OUR COMMUNITY'S VALUE**







# ELECTRIC DEPARTMENT

## THE BRYAN MUNICIPAL UTILITIES' ELECTRIC DEPARTMENT

completed several major improvement projects in 2024, while also acquiring long-awaited equipment, and laying the groundwork for future infrastructure upgrades. These efforts were focused on enhancing system reliability, modernizing outdated infrastructure, and supporting interdepartmental projects, all while planning for the next decade of capital improvements.

One of the most significant projects of the year was the construction of a 69 kV power line from East Edgerton Street to the Power Plant, to ensure that critical peak generation could be routed through the transmission system when needed. This project eliminated the outdated 34.5 kV transmission line from Baker Street Substation to the Power Plant Substation, where all power plant-generated



electricity was previously deployed. Additionally, the 69 kV transmission circuit was converted from the Power Plant to Cherry Street Substation, creating a crucial back feed to provide generation power to the south side of the 69 kV loop. These improvements strengthen the overall electrical grid, ensuring greater reliability and operational flexibility.

Beyond system-wide upgrades, the department also completed several street lighting projects. In the 100 block of North Main Street, 14 obsolete light poles and fixtures were replaced with new installations that align with the downtown's historical acorn fixture. The department also installed new light poles and fixtures along the South Portland Street extension, placing cabling within existing conduits to improve safety and visibility in the newly developed areas.

The Electric Department also made significant progress in acquiring essential equipment, despite facing delays caused by marketplace volatility. A 2024 Chevrolet Silverado ½ Ton 4x4 replaced an aging 2011 Ford pickup for the Electric Superintendent. Additionally, a Gravely Zero-Turn Mower was jointly purchased with the Power Plant to help maintain city-owned properties. After an extended wait, the Directional Boring Machine originally ordered in 2021 was received in the fall of 2024. Initial training on the boring machine was completed by several BMU departments with additional training being planned for 2025. Other key equipment acquisitions included a new Terex Digger Derrick, replacing a 2001 model, and a bucket truck procured through state and cooperative purchasing contracts, which will replace a 2012 Altec 55-ft Bucket Truck when it arrives in 2026. These investments in new equipment ensure that BMU crews have the tools necessary to maintain and expand the electrical infrastructure efficiently.

In addition to infrastructure improvements, the Electric Department played a crucial role in supporting other BMU and City of Bryan Departments. The Electric Department provided assistance for the installation of generators at multiple well sites, including those in the north well field and near Garden Street, helping ensure reliable power for critical water infrastructure. The department also worked closely with the Power Plant on substation demolition and reconstruction efforts and collaborated with the Communications Department to install fiber optic cable to the Power Plant, strengthening BMU's internal communication network.

Recognizing the importance of workplace safety and technical training, the department spearheaded multiple

Competent Person Training, Confined Space Training (coordinated with Fire Chief Doug Pool), Forklift Certification (led by Kyle Wygant of American Municipal Power), and Directional Boring Machine Training with Ditch Witch of Fort Wayne, Indiana. These training efforts ensure compliance with Occupational Safety and Health Administration (OSHA) and Public Employment Risk Reduction Program (PERRP) standards while fostering a culture of safety and technical proficiency.

Looking ahead, BMU has initiated plans for a comprehensive Electric System Study in 2025, which will evaluate both power generation and distribution needs while establishing cost estimates and project timelines for the next ten years of capital improvements. This study will serve as the guiding framework for future investments and system upgrades.

While 2024 was not a year of high project volume, the strategic improvements made this year represent decades of planning and the fulfillment of a major BMU objective—creating a more reliable and sustainable electric system for the City of Bryan. Through its commitment to modernization, operational excellence, and interdepartmental collaboration, the Electric Department continues to provide high-quality service to the community while preparing for the challenges of the future.





# ELECTRIC FINANCIALS

## ELECTRIC OPERATING INCOME AND EXPENSES

2024

### Operating Income:

Charges for Services	\$17,756,948
Other Operating Income	354,638

<b>Total Operating Income</b>	<b>\$18,111,586</b>
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### Other Income:

Interest Income	\$939,527
Other Miscellaneous Income	213,518
Sale of land	148,148

<b>Total Other Income</b>	<b>\$1,301,193</b>
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<b>Total Income</b>	<b>\$19,412,779</b>
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### Operating Expenses:

Purchase Power	\$7,920,688
Power Plant Operations	2,148,861
Distribution Operations	1,887,894
Billing and Accounting	368,165
Customer Service and Administration	878,063
Maintenance	118,002
Board of Public Affairs	33,273
Electric Communications	386,732
Hydroelectric Plant Operations	514,240
Solar Field	62,772
Interest on AMI Loan	22,341

<b>Total Operating Expenses</b>	<b>\$14,341,031</b>
---------------------------------	---------------------

### Other Expenses:

Kilowatt Hour Tax to State of Ohio	\$64,696
Kilowatt Hour Tax to General Fund	612,132

<b>Total Other Expenses</b>	<b>\$676,828</b>
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<b>Total Expenses</b>	<b>\$15,017,859</b>
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<b>Balance Available for Capital Improvements and Debt Service</b>	<b>\$4,394,920</b>
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Debt Service - AMI	
Balance - January 1, 2024	\$1,020,147
Principal Payment	\$92,360
Balance - December 31, 2024	\$927,787

Transfer to Electric Capital Improvement Fund	<b>\$300,000</b>
---	------------------

<b>Total Expenses</b>	<b>\$15,410,219</b>
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## ELECTRIC CAPITAL RESERVE FUND INCOME AND EXPENSES

Beginning Balance 1/1/2024	\$4,737,057
Transfer Income:	\$300,000

Other Income:	Land Sale	\$0
	Other Miscellaneous Income	\$2,303

Total Other Income	\$2,303
Total Income	\$302,303

Capital Expenses:	Power Plant	\$1,152,073
	Electric Distribution	990,273
	Electric Utility Office	33,958
	Electric Clerks Office	0
	Maintenance	29
	Auglaize Hydroelectric Plant	100,538
	Electric Communications	82,102

Total Capital Improvements	\$2,358,973
Ending Balance 12/31/2024	\$2,680,387

## FACTS/FIGURES

- ⚡ Maintain **6900** poles
- ⚡ Maintain **1869** transformers
- ⚡ Maintain **35** miles of transmission line
- ⚡ Maintain **110** miles of distribution line
- ⚡ Maintain **6057** electric meters
- ⚡ Installed **12** new services
- ⚡ Upgraded **34** services



- ⚡ Upgraded/replaced **6** transformers
- ⚡ Upgraded/replaced **10,107** feet underground distribution and/or transmission line
- ⚡ Upgraded/replaced **308** feet overhead distribution and/or transmission line







# POWER PRODUCTION

## THE POWER PLANT TEAM AT BRYAN MUNICIPAL UTILITIES

has maintained its strong focus on ensuring the reliability of Bryan's electrical grid throughout 2024. One of the most significant milestones achieved this year was the conversion of the Bryan Power Plant to operate on the 69 kV transmission line. While final tasks such as fencing, containment, and grading remain, this transition has allowed BMU to fully retire the outdated 34.5 kV transmission line. This project was primarily completed by Power Plant employees, with engineering assistance from EN Trust of Auburn, Indiana, providing valuable hands-on experience and training for the entire team. The new substation has been integrated with Cherry, Baker, and Bechtol substations, enhancing system protection by enabling faster fault detection and response on the 69 kV transmission line. Additionally, the substation is being equipped with real-time data collection capabilities to improve monitoring and operational efficiency.

On January 17, 2024, at 9 a.m., BMU successfully generated power during AEP's highest transmission load hour of the year. BMU's strategic approach to coincident peak (ICP) generation, covering the period from November 1, 2023, to October 31, 2024, has led to substantial projected savings:

- **Power Plant Savings:** \$5,915,992
- **Auglaize Hydroelectric Plant Savings:** \$328,439
- **Bryan Solar Field Savings:** \$0 (under full cloud cover)
- **Total Projected Transmission Savings:** \$6,244,431

Additionally, BMU successfully generated power during PJM's 5 Coincident Peak Days, resulting in projected capacity savings of:

- **Power Plant Savings:** \$3,774,299
- **Auglaize Hydroelectric Plant Savings:** \$282,158
- **Bryan Solar Field Savings:** \$89,274
- **Total Projected Capacity Savings:** \$4,145,731

These savings are even more significant given the upcoming increase in capacity power costs from \$0.90 to \$8.21 per kilowatt-month on June 1, 2025. Through strategic generation operations during peak usage times, BMU has achieved

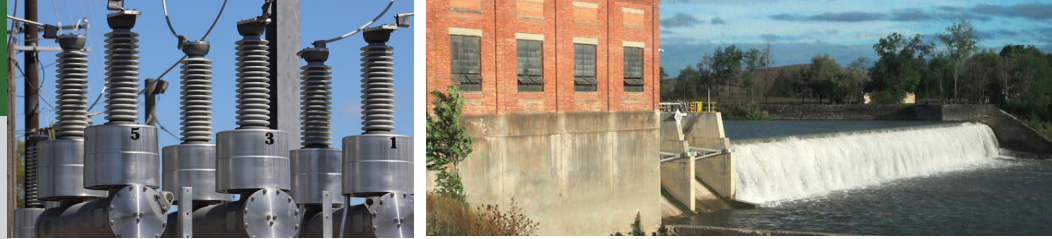
total projected savings of \$10,390,162 for Bryan electric customers in 2024. These savings are a direct result of the hard work and dedication of the Power Plant team, ensuring cost-effective and reliable power for the community.








BMU also sold \$269,776 worth of Renewable Energy Credits (RECs) generated by the Auglaize Hydroelectric Plant and the Bryan Solar Field. These REC sales provide additional revenue to offset costs for customers while also promoting environmental sustainability. Additionally, the Auglaize Hydroelectric Plant has undergone concrete repairs in collaboration with Advanced Rehabilitation Technology, using a specialized coating to extend the life of the existing concrete. While low rainfall in late 2024 resulted in lower hydroelectric production, careful monitoring allowed BMU to maximize generation during peak demand periods, ensuring optimal savings for Bryan residents.

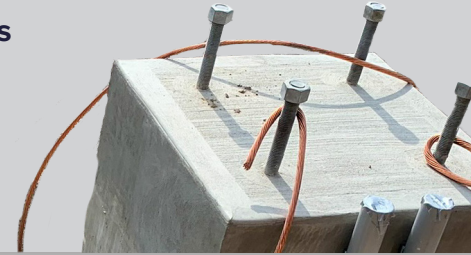
The Power Plant team at Bryan Municipal Utilities remains dedicated to providing reliable, efficient, and cost-effective power for the Bryan community. Through continuous training, infrastructure improvements, and strategic peak shaving efforts, BMU continues to add value to every customer's electrical experience while strengthening the community's energy future.







-  Maintain **7** substations
-  Own & operate **(2) 18MW** Gas Turbines; **5MW** Gas Turbine; **2.4MW** Diesel Generator
-  Own & operate a **4,740KW** hydroelectric plant
-  Generated **6,518,458 kWh** at Auglaize Hydroelectric Plant; **4%** of Bryan's power needs
-  Operate and maintain a **2MW** Solar Field with **23,530** solar panels
-  Renewable Energy Credits garnered **\$269,776** in revenue
-  Peak Shaving generated savings of **\$10,390,162**



## POWER SUPPLY DATA

### 2024 POWER SUPPLY

Gross Kilowatt Hours Generated by Power Plant	2,826,048
Gross Kilowatt Hours Generated by Auglaize Hydro	6,518,458
Gross Kilowatt Hours Generated by Solar Field	2,495,910
<b>Total Gross Kilowatt Hours Generated</b>	<b>11,840,416</b>

#### Kilowatt Hours Purchased:

Belleville Hydroelectric Project (JV5)	8,341,466
New York Power Authority (NYPA)	6,969,337
AMP Fremont Energy Center (AFEC)	42,729,055
Prairie State Energy Campus	57,483,885
BP Remaining Requirements	59,718,585
Meldahl Hydroelectric Project	5,832,505
Greenup Hydroelectric Project	3,423,732
AMP Hydroelectric Projects (CSW)	8,360,369

<b>Total of Gross Kilowatt Hours Purchased</b>	<b>192,858,934</b>
<b>Gross Generated and Purchased Kilowatt Hours</b>	<b>204,699,350</b>

#### Kilowatt Hours Used:

<b>Customer Metered Kilowatt Hours</b>	<b>167,045,072</b>
OMEG Kilowatt Hours Sold	25,530,612
Auglaize Kilowatt Hours Sold	339,888
Power Plant Use	542,012
Kilowatt Hour Line Loss (5.5%)	11,241,766
<b>Total Metered and Line Loss</b>	<b>204,699,350</b>



## WATER DEPARTMENT

### BRYAN MUNICIPAL UTILITIES' WATER DEPARTMENT

proudly serves the community by delivering and maintaining a safe, reliable drinking water supply. Ensuring this vital service requires dedicated, highly trained staff who continually adapt to the ever-changing water industry. In 2024, we remained committed to this mission by investing in capital improvement projects and strengthening water system reliability.

Maintaining and upgrading underground water infrastructure is essential, just like other public assets. Each year, we assess the age, size, and material of our waterlines to determine where investments are needed most. In 2024, major improvements were made to the South Lynn Street waterline, where we replaced 2,625 feet of aging 4-inch cast iron pipe, originally installed in 1907, with a modern 12-inch PVC waterline. Along with this upgrade, 80 new water service connections were installed and five new fire hydrants. Another critical project took place along Blakeslee Avenue, where 1,207 feet of new 8-inch PVC waterline was installed, improving service reliability for residents in the 100 and 200 blocks. This project also included two

new fire hydrants and 13 new service connections. In addition to these major replacements, BMU crews completed 134 other maintenance upgrades, including the installation of new fire hydrants, valves, water meters, and service lines to homes and businesses. These improvements collectively strengthen the city's water distribution system, ensuring increased reliability and improved water quality.

In 2024, BMU's certified water treatment operators processed and delivered 460,853,000 gallons of safe drinking water. To meet strict Ohio EPA standards, our team conducted extensive water quality testing, including lead and copper sampling, disinfection byproduct monitoring, synthetic organic chemical, and nitrate analysis. All testing met or exceeded regulatory requirements. BMU also operates a state-certified laboratory, where our analysts conducted 493 bacteria sample tests to ensure the water supply remains safe for residents. Maintaining the quality of our drinking water is a continuous process, and our commitment to these rigorous testing protocols is a key part of ensuring the health and safety of the community.

The Water Treatment Plant relies on three 200HP Vertical Turbine High Service Pumps to distribute treated water through 74 miles of



ST

underground pipelines. In 2024, the rehabilitation of one high-service pump improved efficiency, reliability, and overall water delivery. Two of Bryan's six municipal wells also underwent rehabilitation, including the installation of new submersible pumps, increasing the wellfield capacity to 7.74 million gallons per day. To further ensure reliability during power outages or emergencies, a 60kW Caterpillar diesel generator was installed at the East Edgerton Street well site, providing backup power for an uninterrupted water supply. The city's water system also includes two water towers, which together store 1.4 million gallons of treated water. In 2024, both towers underwent comprehensive internal and external inspections, meeting all applicable safety and operational standards set by the American Water Works Association (AWWA).

Each year, BMU participates in AWWA's Drinking Water Week, a national event that raises awareness about the vital role water plays in public health, the economy, and everyday life. This celebration allows BMU to connect with the community and highlight the importance of maintaining and protecting our local water supply.








BMU's dedicated water personnel are on call 24/7, 365 days a year, ensuring a rapid response to emergencies such as water main breaks, service interruptions, or system failures. Their expertise and commitment provide Bryan residents with uninterrupted access to clean, safe water, even during unforeseen events.

To stay ahead of advancements in the water industry, BMU staff actively attend Ohio EPA training courses, AWWA seminars, and Operator Training Committee of Ohio (OTCO) classes and webinars throughout the year. These educational opportunities ensure our operators remain

knowledgeable in best practices, evolving regulations, and new water treatment technologies, allowing us to continuously improve the quality and reliability of our water services.

BMU is proud of its achievements in 2024 and remains committed to sustaining and improving the public water system. In the coming year, we will continue developing key capital projects, incorporating innovative solutions, and utilizing sustainable practices to ensure the reliable delivery of high-quality drinking water. As we reflect on the past year, we would like to extend our sincerest gratitude to our customers and community. Your support allows us to continue providing essential services while making the necessary improvements to strengthen Bryan's water infrastructure. We recognize the trust you place in us and will remain dedicated to delivering safe, reliable water for generations to come.

## FACTS/FIGURES

-  Treated **460,853,000** gallons of water
-  Analyzed **493** total coliform bacteria samples
-  Upgraded/replaced **3,832** feet of waterline
-  Upgraded/replaced **105** water services
-  Maintain **612** city-owned fire hydrants
-  Maintain **4038** service connections
-  Maintain **2,209** valves
-  Maintain **74** miles of underground waterline





# WATER FINANCIALS

## WATER OPERATING INCOME AND EXPENSES

2024

### Operating Income:

Charges for Services	\$2,736,743
Other Operating Income	14,944

<b>Total Operating Income</b>	<b>\$2,751,687</b>
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### Other Income

Interest Income	\$222,649
Other Miscellaneous Income	39,259

<b>Total Other Income</b>	<b>\$261,908</b>
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<b>Total Income</b>	<b>\$3,013,595</b>
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### Operating Expenses

Supply and Distribution	\$1,672,759
Billing and Accounting	131,944
Customer Service and Administration	312,285
Interest on Townline Rd Project	5,619
Interest on AMI	26,313

<b>Total Operating Expenses</b>	<b>\$2,148,920</b>
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<b>Total Expenses</b>	<b>\$2,148,920</b>
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<b>Balance Available for Capital Improvements &amp; Debt Service</b>	<b>\$864,675</b>
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### Debt Service- Townline Rd. Project

Balance - January 1, 2024	\$206,588
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Principal Payment	35,218
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Balance - December 31, 2024	\$171,370
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### Debt Service- AMI

Balance - January 1, 2024	\$1,201,515
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Principal Payment	108,781
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Balance - December 31, 2024	\$1,092,734
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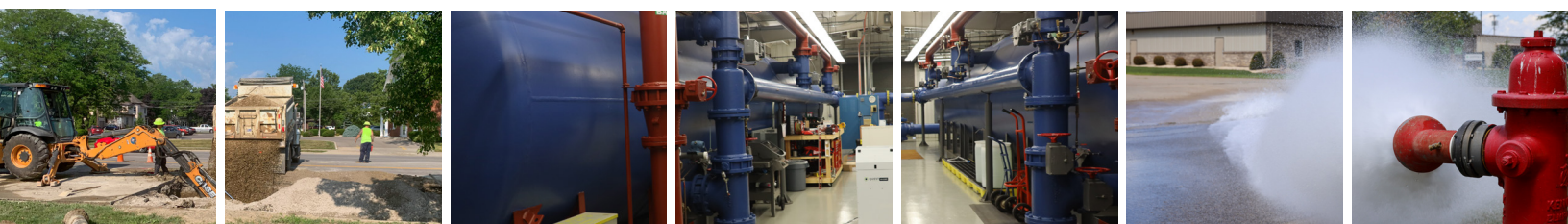
Transfer to 525 Water Capital Improvement Fund	\$150,000
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<b>Total Expenses</b>	<b>\$2,442,919</b>
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## WATER CAPITAL RESERVE FUND INCOME AND EXPENSES

<b>Beginning Balance 1/1/2024</b>	<b>\$1,600,501</b>
<b>Transfer Income:</b>	
502 Water Fund	\$150,000
Revolving Loan Fund	\$0
<b>Total Transfer Income:</b>	<b>\$150,000</b>
<b>Other Income:</b>	
Misc. Income	\$7,214
<b>Total Other Income</b>	<b>\$7,214</b>
<b>Total Income</b>	<b>\$157,214</b>
<b>Capital Expenses:</b>	
Supply and Distribution	\$1,021,908
Water Utility Office	12,022
Water Clerks Office	0
<b>Total Capital Improvements</b>	<b>\$1,033,930</b>
<b>Ending Balance 12/31/2024</b>	<b>\$723,785</b>



## **WATER PRODUCTION DATA**

### 2024 WATER PRODUCTION DATA

	<b>Meters</b>	<b>Gallons Used</b>
Residential	3282	133,912,944
Commercial & Industrial	611	181,452,084
City of Bryan (Unbilled Service)	24	29,905,027
<b>Total Metered</b>	<b>3,917</b>	<b>345,270,055</b>
Bulk Water & Hydrant Water (Billed)		853,536
Filter Backwash/Production Water		3,075,545
Hydrant Flushing		3,204,000
Other		0
<b>Total Other Water Use</b>		<b>7,133,081</b>
Line Losses (23.5%)		108,449,864
<b>Total Water Production</b>		<b>460,853,000</b>



# COMMUNICATIONS DEPARTMENT

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## IN 2024, THE COMMUNICATIONS DEPARTMENT

remained committed to providing reliable services to the City of Bryan and Williams County, including internet, fiber network services, and fiber lease agreements. Over the past year, we completed numerous infrastructure projects aimed at modernizing our network and improving connectivity across critical city departments.

A major focus in 2024 was the Power Plant project, where fiber was installed and terminated within the facility. This includes protective relay communications, allowing real-time data exchange between electrical substations, enhancing system reliability. Similarly, at the Water Treatment Plant, a new fiber network was deployed to improve operational efficiency and integrate communications across multiple locations within Bryan. Another key project of the year was the installation of a new fiber route, connecting our main Headend to internal operations and the downtown Bryan area. This upgrade also extended secure connections to critical services, including the Police and Fire Departments, ensuring reliable communication and network efficiency for emergency services.

Additionally, several software upgrades were implemented throughout the year to enhance the functionality of BMU's core network systems. These updates ensure seamless operations for both BMU departments and other City of Bryan entities, keeping our network modern and efficient. One of the most significant changes in 2024 was the transition away from our cable modem internet service. Extensive planning and engineering efforts were undertaken to migrate City of Bryan departments to fiber connections, providing them with a more stable, efficient, and high-performance network. The process of discontinuing cable modem service in December 2024 was executed smoothly, with a well-coordinated effort to inform customers and ensure a seamless transition.

Looking ahead to 2025, BMU's Communications Department will continue working on the Power Plant and Water Treatment Plant network projects, while also expanding fiber construction across the utility and city infrastructure. A major network upgrade is planned for several facilities, including the Power Plant, Bryan Street Hub, Police, and Fire Departments, replacing aging equipment to further enhance reliability and efficiency. Another key initiative for 2025 will be the decommissioning of our existing HFC (Hybrid Fiber-Coaxial)



system, which has now been fully removed from service. This will involve updating our outside plant and main Headend, marking the completion of a long-planned transition toward a fiber-centric network.

As we move into 2025, the Communications Department has undergone significant changes, driven by the rapid evolution of the industry. While BMU has exited the cable modem internet business, we are pleased that residents and businesses in Bryan now have several provider options to meet their needs. When BMU began construction of its HFC system in 1998, we sought to provide Bryan residents with a choice in cable and internet services. Over the years, despite industry shifts and technological advancements, we remained committed to serving the community with reliable, high-quality services. Moving forward, the Communications Department will focus on strengthening BMU's advanced fiber network, supporting operations for Electric, Water, Administration, and all City of Bryan departments. Additionally, we will continue providing fiber connectivity for Williams County schools, and other essential services.

We would like to express our deepest gratitude to all our customers, for their unwavering trust and support throughout the years. Whether you were with us from the early days of our HFC system or joined us in later years, we appreciate your patience, feedback, and trust as we navigated changes in technology and service offerings.

Though our services have evolved, our dedication to delivering reliable communications, strengthening our community's infrastructure, and ensuring the best for Bryan residents and businesses remains unchanged.



# COMMUNICATIONS FINANCIALS



## COMMUNICATIONS INCOME & EXPENSES

2024

Operating Income:

Charges for Services	\$710,042
Other Operating Income	0

<b>Total Operating Income</b>	<b>\$710,042</b>
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Other Income:

Interest Income	\$104,161
Other Miscellaneous Income	3,825

<b>Total Other Income</b>	<b>\$107,986</b>
---------------------------	------------------

<b>Total Income</b>	<b>\$818,028</b>
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Operating Expenses:

Supply and Distribution	\$749,749
Billing and Accounting	102,469

<b>Total Operating Expenses</b>	<b>\$852,218</b>
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<b>Total Expenses</b>	<b>\$852,218</b>
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<b>Balance Available for Capital Improvements &amp; Debt Service</b>	<b>(\$34,190)</b>
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Transfer to Communications Capital Improvement Fund	\$0
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<b>Total Expenses</b>	<b>\$852,218</b>
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## COMMUNICATIONS CAPITAL RESERVE FUND INCOME AND EXPENSES

<b>Beginning Balance 1/1/2024</b>	<b>\$81,790</b>
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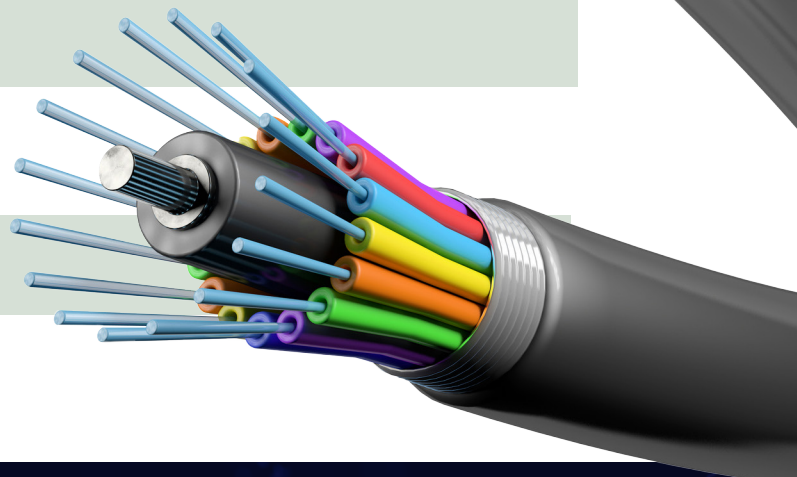
<b>Transfer Income:</b>	<b>\$877</b>
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Capital Expenses:

Communications	\$11,814
Clerks Office	0

<b>Total Capital Improvements</b>	<b>\$11,814</b>
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<b>Ending Balance 12/31/2024</b>	<b>\$70,853</b>
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## FACTS/FIGURES

■ Maintain **24** miles of fiber service in the City of Bryan

■ Maintain **85** miles of fiber service throughout Williams County

■ Maintain **72** miles of HFC plant for internet and fiber service

■ Social media followers = **4,249**

■ Social media views = **85,888**

■ Social media content interactions = **3,700**

■ Social media posts = **249**



# FIVE YEAR SUMMARY

## ELECTRIC DEPARTMENT

Finances	2024	2023	2022	2021	2020
Income	\$19,412,779	\$19,744,288	\$20,720,671	\$19,700,187	\$18,925,398
Expenditures	15,017,859	16,683,613	17,421,789	17,577,089	16,841,184
Margin	\$4,394,920	\$3,060,675	\$3,298,882	\$2,123,098	\$2,084,214
Fund Transfers Out	300,000	2,206,044	4,050,637	1,043,000	1,300,000
Debt Service	92,360	0	0	0	0
<b>Fund Balance Dec. 31</b>	<b>\$16,296,282</b>	<b>\$12,293,722</b>	<b>\$11,439,091</b>	<b>\$12,190,846</b>	<b>\$11,110,748</b>

### Meters

Residential	5,067	5,066	5,059	5,066	5,066
Commercial	697	693	690	700	697
Industrial	54	54	54	54	56
Unbilled Services	242	243	242	239	238
<b>*Total Meters</b>	<b>6,060</b>	<b>6,056</b>	<b>6,045</b>	<b>6,059</b>	<b>6,057</b>

### kWh Used

Residential	46,339,351	44,851,478	46,517,662	46,237,536	46,499,234
Commercial	22,680,120	22,461,925	23,213,040	23,066,681	22,868,649
Industrial	91,459,090	96,000,154	100,856,861	97,702,402	93,933,805
Unbilled Services	6,566,511	6,393,099	6,350,385	6,516,045	6,207,992
<b>Total kWh</b>	<b>167,045,072</b>	<b>169,706,656</b>	<b>176,937,948</b>	<b>173,522,664</b>	<b>169,509,680</b>
<b>Peak Demand (kilowatts)</b>	<b>36,639</b>	<b>36,452</b>	<b>38,176</b>	<b>38,098</b>	<b>37,758</b>

## WATER DEPARTMENT

Finances	2024	2023	2022	2021	2020
Income	\$3,013,595	\$2,947,855	\$3,107,597	\$2,589,029	\$2,438,621
Expenditures	2,148,920	2,026,154	2,154,122	1,657,694	1,760,174
Margin	\$864,675	\$921,701	\$953,475	\$931,335	\$678,447
Fund Transfers Out	150,000	500,000	1,470,000	227,677	100,005
Debt Service	143,999	61,432	86,517	84,086	81,722
<b>Fund Balance Dec. 31</b>	<b>\$3,036,006</b>	<b>\$2,465,330</b>	<b>\$2,105,061</b>	<b>\$2,708,103</b>	<b>\$2,088,531</b>

### Meters

Residential	3,282	3,266	3,257	3,253	3,246
Commercial and Industrial	611	609	600	601	608
Unbilled Services	24	26	21	21	22
<b>*Total Meters</b>	<b>3,917</b>	<b>3,901</b>	<b>3,878</b>	<b>3,875</b>	<b>3,876</b>

### Gallons Used

Residential	133,912,944	132,977,196	130,360,692	134,126,872	141,783,400
Commercial and Industrial	181,452,084	195,734,396	209,666,644	171,416,916	159,395,808
Unbilled Services	29,905,027	33,391,714	26,291,586	27,337,576	22,106,867
<b>Total Gallons</b>	<b>345,270,055</b>	<b>362,103,306</b>	<b>366,318,922</b>	<b>332,881,364</b>	<b>323,286,075</b>





## COMMUNICATIONS DEPARTMENT

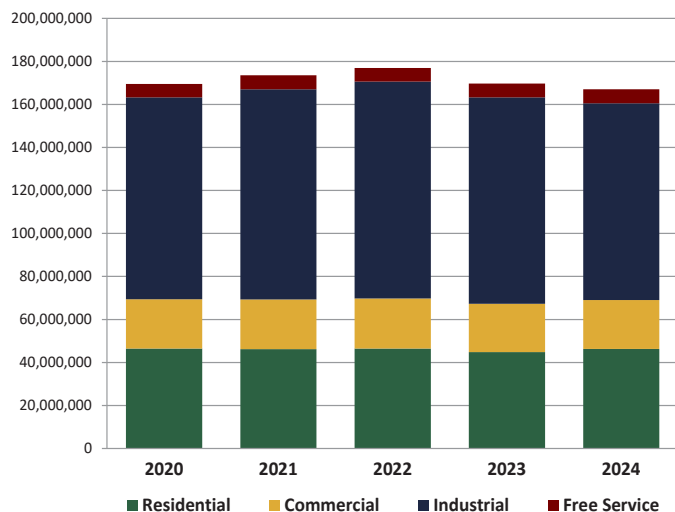
Finances	2024	2023	2022	2021	2020
Income	\$818,028	\$854,294	\$1,435,345	\$2,193,537	\$2,400,387
Expenditures	852,218	801,064	1,598,195	2,372,074	2,329,432
Margin	-\$34,190	\$53,230	-\$162,850	-\$178,537	\$70,955
Fund Transfers Out	0	0	47,000	53,510	53,250
<b>Fund Balance Dec. 31</b>	<b>\$1,880,294</b>	<b>\$1,914,484</b>	<b>\$1,861,254</b>	<b>\$2,071,104</b>	<b>\$2,303,151</b>

### Customers

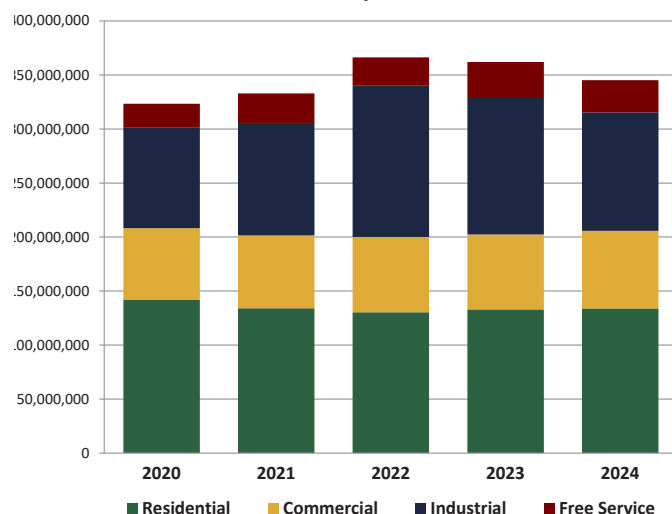
Cable TV Billed Services	0	0	0	1,217	1,196
Cable TV Unbilled Services	0	0	0	22	22
<b>Total Cable TV Customers</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,239</b>	<b>1,218</b>
Internet Residential	0	981	1,062	1,404	1,486
Internet Commercial/Industrial	0	83	85	86	84
Internet Unbilled Services	27	20	17	15	15
<b>Total Internet Customers</b>	<b>27</b>	<b>1,084</b>	<b>1,164</b>	<b>1,505</b>	<b>1,585</b>
Fiber Commercial/Industrial	20	23	24	25	25
Fiber Unbilled Services	40	19	15	14	14
<b>Total Fiber Customers</b>	<b>60</b>	<b>42</b>	<b>39</b>	<b>39</b>	<b>39</b>
<b>*Total Customers</b>	<b>87</b>	<b>1,126</b>	<b>1,203</b>	<b>2,783</b>	<b>2,842</b>

*\*End of Year Meter and Customer Counts*

kWh by Customer Class



Gallons by Customer Class





# ENGINEERING DEPARTMENT

## THE ENGINEERING DEPARTMENT

plays a critical role in designing and improving the public utility infrastructure for the City of Bryan. Our team of engineers collaborates with all BMU departments, ensuring the successful planning and execution of electric, water, and communications capital projects.

Beyond large-scale infrastructure projects, the Engineering Department manages many day-to-day operations that support utility maintenance, planning, and customer service. A few key responsibilities include:

- **Designing plans, specifications, and estimates for capital improvement projects across all departments.**
- **Overseeing and managing underground and overhead utility protection, from investigating damage to maintaining accurate records for locating services.**
- **Preparing competitive bids and quotations for projects, ensuring efficient use of resources.**

- **Providing construction and contractor oversight for all BMU projects in city rights-of-way.**
- **Reviewing plans for public and private projects involving our utilities.**
- **Updating and maintaining GIS (Geographic Information System) records, which store accurate data on all Bryan utilities to improve planning, asset management, and customer service.**
- **Developing reports, studies, and maps to aid decision-making.**

In 2024, the Engineering Department contributed to several significant infrastructure upgrades, including:

- **Water System Improvements:** Designed and oversaw the replacement of more than 3,900 feet of water mains in multiple locations, including the South Lynn Street and Blakeslee Avenue Waterline Replacement Projects.
- **Municipal Well Upgrades:** Assisted with the design and implementation of upgrades to several municipal wells and backup generators, ensuring a more resilient water supply.
- **Power Plant & Electrical System Enhancements:** Played a key role in the construction of the Power Plant Substation, transformer upgrades, and installation of new electric services for residential and commercial customers.

The department also continued its survey and stakeout operations using Geographic Positioning Systems (GPS) to collect highly accurate utility data for infrastructure planning.

As we close out 2024, the Engineering Department remains focused on the future. Planning is already underway for 2025, with new projects aimed at strengthening the reliability, efficiency, and sustainability of Bryan's public utility infrastructure. The work we do today will continue to support future generations, ensuring that our electric, water, and communications systems remain strong for years to come.







# UNBILLED UTILITY SERVICES

## 2024 UNBILLED UTILITIES

	Electricity	Water	Communications
Street and Security Lights	\$84,305	\$0	\$0
Utility Departments, Buildings & Facilities	248,633	24,303	102,093
Parks, Pools & Other Recreational Areas	62,100	54,241	18,055
Bryan Community Center	5,561	703	888
Municipal Departments, Buildings & Facilities	338,036	72,126	81,450
County Miscellaneous Facilities	2,600	0	3,600
Traffic Signals	14,310	0	0
Bryan City Schools	4,958	0	14,400
Day in the Park, Jubilee, Christmas Lights	2,059	421	0
Bard Fountain	5,708	678	0
Other	0	0	9,000
<b>Unbilled Utilities</b>	<b>\$768,270</b>	<b>\$152,472</b>	<b>\$229,486</b>

## ELECTRIC DEPARTMENT

### Maintenance Services (Labor & Equip.) Provided

Street Light Installation and Maintenance	\$26,482
All Other City Services and Civic Organizations	146,994

<b>Total Unbilled Maintenance (Labor) Provided including Equipment</b>	<b>\$173,476</b>
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### Materials Provided

New Street Lights and Replacements	\$14,902
All Other City Services & Civic Organizations	75,996

<b>Total Unbilled Materials Provided</b>	<b>\$90,898</b>
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<b>Total Unbilled Electricity Provided</b>	<b>\$768,270</b>
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<b>TOTAL LABOR, MATERIALS and ELECTRICITY</b>	<b>\$1,032,644</b>
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## WATER DEPARTMENT

### Maintenance Services (Labor) Provided

Installation and Services to City Facilities	\$7,307
Installation and Maintenance of Fire Hydrants	2,104
Equipment	4,416

<b>Total Unbilled Maintenance (Labor) Provided including Equipment</b>	<b>\$13,827</b>
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### Materials Provided

Water Lines and Services to City Facilities	\$3,376
New Fire Hydrants and Replacements	7,918

<b>Total Unbilled Materials Provided</b>	<b>\$11,294</b>
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<b>Total Unbilled Water Provided</b>	<b>\$152,472</b>
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<b>TOTAL UNBILLED LABOR, MATERIALS, and WATER</b>	<b>\$177,593</b>
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## COMMUNICATIONS DEPARTMENT

### Maintenance Services (Labor) Provided

Cable and Accessories for Services to City Facilities	\$19,800
Cable and Accessories for Services to Bryan City Schools	0

<b>Total Unbilled Maintenance (Labor) Provided including Equipment</b>	<b>\$19,800</b>
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### Materials Provided

Cable and Accessories for Services to City Facilities	\$15,000
Cable and Accessories for Services to Bryan City Schools	0

<b>Total Unbilled Materials Provided</b>	<b>\$15,000</b>
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<b>Total Unbilled Communications Provided</b>	<b>\$229,486</b>
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<b>TOTAL UNBILLED LABOR, MATERIALS, AND COMMUNICATIONS</b>	<b>\$264,286</b>
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<b>TOTAL UNBILLED UTILITY SERVICES</b>	<b>\$1,474,523</b>
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**[www.cityofbryan.net](http://www.cityofbryan.net)**