Orrville



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Mission Statement

The Mission of the Department of Public Utilities

Provide quality services in a timely and efficient manner to ensure Orrville continues to be an exceptional Community.

To fulfill this mission, the City of Orrville is committed to:

- Attain the highest level of customer service.
- Achieve quality growth through economic development.
- Plan for the future needs of the Community.
- Ensure a safe work environment.
- Promote teamwork.
- Provide training, education, and recognition of employees.
- Maintain a responsible workforce.

Public Power Benefits Our Community

Citizens of this community receive electricity from a public power electric utility. What does that mean for you?

- Not-for-profit rates Our utility works to provide essential electric service efficiently and at a reasonable cost to you.
- Local control Through your elected officials and in public meetings, you have a voice in your utility's operations.
- Community ownership Our electric system belongs to every citizen of our community, not to private owners.







Dear Citizens of Orrville,

2022 was a busy year for The City of Orrville and Orrville Utilities. We had several projects that involved both groups working closely together and as always, they did a great job. One of these projects was the purchase and installation of lights for two of our little league fields. The City purchased one set of lights and the Orrville Firefighters Association purchased the other set. Our Utilities Distribution team installed the poles and lights. These will give us much better use of the fields for both softball and baseball tournaments.

The splash pad was another example of Departments pulling together to get a job done. Vortex was the company that put the splash pad in but they received a large amount of help from our Service Dept. and our Water and Wastewater Departments. This same interdepartmental cooperation was also a big factor in getting the new rest room in the park completed. This amount of cooperation is not a common occurrence everywhere and we have stressed that over the years and it has been a big part of our success.

Last year at this time, we were excited that Dunkin Donuts was coming to town and they have now been open since Fall. Orr Valley Creamery is open now, as well as Anytime Fitness and Sebetta's Classics. Also opening in 2022 were HVN beauty salon, Genesis beauty salon, Lorson Financial and Farmhouse Finds. An Apple Creek Bank Branch Office also opened.

On the industrial side, we had some new expansions too. The J. M. Smucker Company added a 29,000 sf building to be a research and development lab for the very popular "Uncrustables" product line. They are looking to add about 35 employees. McElroy Packaging expanded their working space and plans to add 5 new employees. Jarrett Companiesbuilt a new 100,000 sf warehouse and distribution center. This is a twin of the building built several years ago. There are at least three other potential expansions coming in 23. These projects are all examples of our Utilities and City working together and working with each company, to make these go as smoothly as possible.

We have our same great events coming up again in 2023! So stay tuned for fun things to do as we rebound back to spring and summer weather!



Mayor Dave Handwerk



Public Utilities Board



Michele Abel, President



Steve Combs, Vice President



Joe Messenger



Russell Miller



Rich Corfman

The Public Utilities Board was established to act as the governing body in respect to developing rules and regulations for the operation of Orrville Utilities. The five member board is appointed by the Mayor and serves a five year term with an optional second and third term. Each member works very closely with the utility management team on providing the people and businesses of Orrville with exceptional service at a very low cost. The Board also maintains a strong communication link with City Council in recommending major utility expenditures and keeping council abreast of critical utility issues. Many small communities throughout the state operate under this form of government. It allows the City and Utilities to be flexible and responsive when dealing with issues confronting the Electric, Water, and Wastewater Utilities.

Officers:

President: Michele Abel
Vice President: Steve Combs

Committees:

Finance/Policy: Michele Able (Chairperson)

and Steve Combs

Electric: Joe Messenger (Chairperson)

and Rich Corfman

Personnel: Steve Combs (Chairperson)

and Russell Miller

Water: Russell Miller (Chairperson)

and Michele Abel

Wastewater: Rich Corfman (Chairperson)

and Joe Messenger



Director's Message



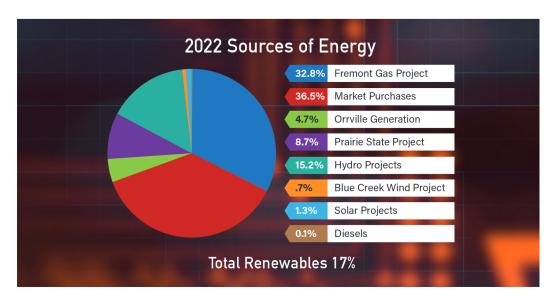
Dear Customers of Orrville Utilities:

In 2022, we mostly recovered from the effects COVID had on our lives and businesses except for the continued supply chain issues and high natural gas prices mainly stemming from the war in Ukraine. These have resulted in material and high energy cost. Fortunately, we were able to maximize our limited generation capability during peak periods which enabled us to sell into the markets realizing additional revenues to off-set a lot of costs which enabled us to keep our rates stable for the sixth year in a row. Dean Kallenborn, our Electric Utility Manager, retired with over 38 years of excellent service to the power plant. Our water and wastewater departments focused on infrastructure improve-

ments to ensure our utilities will be able to sustain service for the future.

The utility industry continues to be more complex and challenging. Climate change, shifts to more renewable energy sources, water security, labor challenges and increasing regulations limit our flexibility and options but our staff is committed to address these issues to insure and improve the levels of service expected.

We continue to evaluate diverse power supply options to position us for the future. The chart below shows the resources we used to help us maintain rate stability again this year.



Orrville Utilities will continue to provide our community with reliable, exceptional services that are safe, environmentally responsible and competitively priced. We're glad to be part of the continuing success that makes living and doing business in Orrville so beneficial.

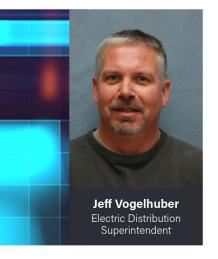
It is our pleasure to serve you as we work to improve our community and your businesses.

Sincerely,

Jeff Brediger
Jeff Brediger







Dean Kallenborn, our Electric Utility Manager, retired with over 38 years of excellent service to the power plant. This position remains open as we evaluate future staffing needs. Jeff Vogelhuber continues to lead our experienced linemen to ensure safe and reliable service. Due to high energy costs, the plant maximized generation due peak period to generate a near record amount of wholesale sales. This helped to off-set the volatile material and commodity costs as well as kept us from needing to consider a rate increase which has been fixed since 2017.

We off-set the purchase cost for the former AMP diesel generators purchased in 2020 with the transmission credits we receive. Together with the credits we generate from the power plant, we off-set most of the \$9.4M in fees we pay to purchase energy from the market and deliver

energy from our jointly owned projects that would be directly passed on to our customers. We continue to address these costs with our legislators in DC.

Our cross-trained plant staff continues to meet the challenges of intermittent operation safely and effectively.

Accomplishments:

- Successful Year of Peak Shaving of Capacity and Transmission for maximum financial credits.
- Zero lost time accidents.

Upcoming and continuing work:

- Continuation of second transmission interconnection design. We expect to sell our transmission related assets in 2023 to avoid complex FERC liabilities and to lower the cost of the new interconnection.
- Purchase the power control center for a new substation at the power plant.
- Complete the rate study.







Operating Income and Expense Report

3 - Year Summary



Operating Statistics Report

3 - Year Summary

Description	2022	2021	2020
System Sales (retail), kWh	300,257,483	296,744,018	285,158,261
Gross Generation, kWh	33,847,767	30,340,643	40,393,792
Wholesale Sales, kWh	71,718,064	67,749,654	59,592,579
Wholesale Revenues	\$7,803,292	\$3,256,718	\$1,470,110
Fund Cash Balances			
Revenue	\$7,065,430	\$8,048,421	\$10,800,647
Replacement and Improvement	\$3,072,262	\$3,032,490	\$3,015,161
Utility Reserve	\$31,701,748	\$40,491,346	\$36,509,320
Total Fund Balance	\$41,839,440	\$51,572,257	\$50,325,128
Coal Burned, tons	15,076	9,805	10,501
Natural Gas Burned, MCF	153,217	211,339	259,834
Peak System Demand, kW	61,640	59,360	60,340

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Water Department





The Orrville Water Department treated 538 million gallons in 2022 for an average of 1.47 million gallons of water per day. The peak day occurred on August 4th when 2.79 million gallons were pumped into the distribution system.

The department continues to produce high quality water while meeting or exceeding all EPA requirements. The Orrville water system has approximately 3,200 residential services and 350 commercial and industrial customers. The major focus for the upcoming year will be to maintain production requirements, complete the triennial lead and copper survey and perform upgrades as time and materials permit. Supply chain delays for both treatment chemicals and infrastructure materials will continue to be a concern in 2023.

Projects completed in 2022:

Distribution System Upgrades:

 Relocated a section of raw water main on Burton City Road in advance of a county bridge widening project

Ongoing preventative maintenance programs including:

- Roadway valve maintenance
- Water meter maintenance
- Fire hydrant maintenance
- Distribution system flushing

Installed variable speed drives recycled from the raw water pump station on High Service Pumps #1 & #6 and integrated control into the plant SCADA system; repaired 6 water main leaks; refurbished #83 & #85 production wells; installed a new 8" gate valve on S. Crown Hill to allow the Scotts/Miracle-Gro facility to isolate and switch from the West to the South Pressure District to maintain service; painted 209 fire hydrants; completed main tap and connection for the Orr Park Splash Pad; updated lead service map

Upcoming projects in 2023:

Ongoing preventative maintenance programs including:

- Distribution system flushing
- Roadway valve maintenance (1/3 of system)
- Fire hydrant maintenance
- Water meter change out

Clean and recondition production wells #57 & #79.

Replace the roof on the Water Plant Maintenance Garage
Install variable speed drive to #5 High Service Pump
Complete distribution system storage and flow model

Water Department

Operating Income and Expense Report

3 - Year Summary

Description	2022	2021	2020
Water Utility Operating Revenue	\$4,050,765	\$4,897,236	\$4,738,646
Water Utility Operating Expenses	\$3,685,686	\$3,643,204	\$3,935,435
Debt Service	\$104,268	\$335,000	\$335,000
Transfers	\$1,341,203	\$1,172,207	\$1,056,686









Steve Carathurs
Superintendent

In 2022 the City of Orrville's Wastewater Treatment Plant treated 940 million gallons of residential, industrial and commercial wastewater. Three hundred and eight dry tons of Bio-solids were removed from the influent flow and land

applied to local farm fields as soil amendment. The facility operated at 65% of its rated capacity. Ten employees maintain and operate the facility, along with two lift stations in the system and forty two miles of sanitary sewer line.

2022 Accomplishments:

- Plant met all compliance parameters
- Had a successful Pre-treatment and EPA plant inspection
- Hired full time Lab Assistant
- · Finished Local Limit study
- Completed Inflow & Infiltration (I&I) study
- Smoke tested major sanitary mains impacted by I&I

2023 Goals:

- Complete aeration blower project
- Evaluate Raw Pump Station
- Improve areas effected by I&I
- Backup screening Project

Wastewater Department

Operating Income and Expense Report

3 - Year Summary

Description	2022	2021	2020
Wastewater Utility Operating Revenue	\$2,668,167	\$2,526,708	\$2,858,558
Wastewater Utility Operating Expenses	\$3,054,972	\$2,504,031	\$2,378,887
Debt Service	\$0	\$0	\$0
Transfers	\$543,475	\$461,257	\$331,913

Technical Services Department



Jeff Fenningsdorf Manager

The Technical Services department provides a variety of critical telecommunications, information technology and information system services in support of the City and Utility departments. Technical Services is comprised of the following groups:

- **Information Technologies (IT)** Responsible for maintaining the computer network, private cloud, applications, data, network storage, backup system, workstations, printers, phone system and door controllers for the entire organization.
- **Telecommunications** Responsible for the installation and maintenance of our fiber optic and copper network cabling, industrial metering reading interfaces, installing door controllers.

The major work for 2022: IT Group

- Replaced private cloud infrastructure servers.
- Replaced core network switches.
- Implemented multi-factor authentication.
- Replaced the phone system.
- Upgraded the phone lines to SIP.
- Provided support for yearly IT audit being performed by the state.

Telecommunications

- Support and maintain the city wide fiber-optic and copper network
- Assist Distribution with electric meter support

2023 Projects:

IT Group

- Restructure backup system.
- Replace tape backup with a cloud solution
- Replace the firewall system.
- Augment network security by adding new applications.
- Continue to retire end of life security cameras with new units.

Telecommunications

- Evaluate, test and replace fiber connections as needed.
- Test, install or remove meters and connections to residential and industrial customers as required.
- Audit documentation of the fiber system and field equipment.
- Assist instrumentation with connection needs.

