

City Manager's Office
Status and Information
March 5, 2021



**Wednesday
March**

17

9:00 AM – 2:00 PM

**Helpful tip:
Make sure to eat a healthy
meal and drink plenty of
water before donating.**



1-866-642-5663



**BAY CITY EMPLOYEES
& BAY COUNTY EMPLOYEES**

Bay County Community Center
800 John F Kennedy Dr.
Bay City, MI 48706

Bay City Employees VS Bay County Employees
BLOOD BATTLE (open to the public)
Donate and help your team win

Make your appointment today:

- Call 866-642-5663
- Visit Versiti.org
- Scan QR link on phone



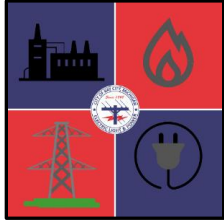
**Be someone's lucky charm & donate!
All attempting donors will receive a cool new pair of
St. Patty's Day socks, while supplies last.**

Manager's Office

It's March Madness - The City is partnering with the County in a Blood Drive. A battle between City employees and County employees. Make plans to sign up and donate today. This is open to the public, so please tell your friends, family and neighbors to sign up too! At the Community Center – donors can choose where the donation gets logged – they can either choose to donate on behalf of the City or the County. Of course, we're hoping to win this Blood Battle for the health and welfare of our community.

Plus, you get FREE socks (while supplies last), just for trying!

Electric Department



Could what happened to the Electric Grid in Texas happen here? The events in Texas in February have really put the focus on the way our homes are powered – including the grid. While Mother Nature is constantly throwing everything but the kitchen sink at us – regionally we are better prepared for those types of conditions. In fact, we’re used to the extreme elements.

To learn about some of the factors that lead to the issues in Texas, our friends at the Michigan Public Power Agency (MPPA) are sharing important industry insight. It’s broken down into four key factors: generation, natural gas supply, interconnection and electric demand. Thank you to MPPA Chief Executive Officer and General Manager Pat Bowland for putting this together.

Generation

- Much of the generation fleet, be it powered by coal, gas, nuclear, wind or solar, is not winterized in the southwest U.S.
- The extreme level and duration of cold over in February led to an historically high number of forced outages in the southwest
- By contrast, the generation fleet in Michigan and surrounding areas are normally and routinely winterized and remained much more available

Natural Gas Supply

- Most of the natural gas production facilities in the southwest are not winterized
- The extreme level and duration of cold in places like the Permian Basin in SW Texas and SE New Mexico forced wells to stop producing natural gas
- There is very little natural gas storage in southern states, compounding the problem
- That led to material reduction in supply to natural gas fired generators in the southwest
- A larger percentage of generation is gas-fired in Texas than in Michigan
- The natural gas production facilities in states like Michigan, Ohio and Pennsylvania are largely winterized and a higher percentage remained available than in the southwest
- Many of the natural gas storage sites in the United States are in and around Michigan

Eastern Interconnection

- Approximately 75% of the Texas power grid is managed by the Electric Reliability Council of Texas (ERCOT)
- ERCOT is not part of the Eastern Interconnection, having only Direct Current (DC) ties to it
- By contrast, Michigan’s power grid is contained within two Regional Transmission Organizations (RTOs)—Midcontinent Independent System Operator (MISO) and PJM Interconnection—which are both part of the synchronized (Alternating Current, AC) Eastern Interconnection
- That means ERCOT could not call on distant generation resources for supply (outside of Texas), unlike Michigan

- Note that this factor does not apply to utilities in the MISO or Southwest Power Pool (SPP) portions of Texas or other states, some of whom also experienced rolling blackouts

Electric Demand

- The Southwest U.S. relies on electric heat so the extreme cold drove electric demand to record levels, where cold in the upper Midwest (Michigan) does not have the same impact on electric demand because it largely uses natural gas to heat buildings

Human Resources

March Employee Anniversaries:



Susan Coggin	Benjamin Meyer	Maureen Stothard
William Doran	Stephen Meyers	Kirk Urban
Freddie Ivey	Nicholas Pletzke	Steve Velasquez
Paul Jackson	Robert Querback	Dave Wildfong
Chris Kieliszewski	Tony Reyes	Matthew Wiltsie
TJ Kunde	Richard Roberts	
Bradley Lewis	Erin Schafer-Andress	

Public Safety

Law Enforcement Division:



The patrol cars for the Department of Public Safety are now displaying the newly acquired accreditation emblem from the Michigan Law Enforcement Accreditation Commission. These decals are only issued to accredited Law Enforcement agencies and are a visual representation to the public that the department meets or exceeds the standards of a professional police agency.



Fire Division:

On Monday, March 1st, at approximately 12:12 p.m., Bay City Department of Public Safety personnel were dispatched to a structure fire located at 409 S. Farragut Street. First units on scene reported smoke showing from two sides of the residence. Crews initiated a primary search and an interior attack of the fire on the first floor. The fire on the first floor was extinguished but had spread to the second floor into the attic. Fire attack continued on the second floor and in the attic until extinguished. Mutual

aid was received from Portsmouth Township and Hampton Township Fire Departments, as well as the Essexville Department of Public Safety. No civilians or employees were injured during this fire and the Fire Marshal is currently investigating the incident.

Public Works

Water Distribution

Largely due to the changing weather the Water Department has had a busy month. The two plus weeks of cold weather brought us 11 watermain breaks. Watermain breaks are harder to pinpoint in the winter months because water takes the path of least resistance. So, if water is coming up in one spot, the break might be a few feet from where you see the water on the ground. Along with the watermain break repairs, our crews replaced 17 City side lead service lines. The focus each week is to remove lead service lines from our water system as it helps to continue providing safe drinking water to our customers.



Water Metering

Utilizing the AMI software, Metering employees run a high/continuous use report that shows consecutive consumption over a 24-hour period. City Metering employees then investigate and make a call to the name listed on the active utility account. A majority of the running water meters are either vacant homes, where pipes have burst or rental properties with running toilets. During the month of February, staff has been instrumental in shutting off water at 36 locations where pipes have burst or frozen in basements or crawl spaces, which causes a great deal of water damage. Most of these properties are vacant. Those that are occupied, have been repaired and restored. Two of the 36 locations were vacant businesses, where the fire suppression line froze and burst.



Congratulations to two Water Department employee's for passing their EGLE, State of Michigan Waterworks System Operator Water License. Both employees took their exam in November 2020. Brad Spyhalski now possesses a S-4 and Joy Stothard now possesses a S-2.

Water Quality:

Forty-two routine monthly samples were collected in February and all have passed bacterial testing. Average chlorine residual was .65 ppm with average temperature reading of 4.6 degrees Celsius for the month of February. Thanks to the cooler weather, chlorine residuals have been steady due to the lower water temperatures. This means average chlorine residuals have been constant and to an acceptable level all month.



In February, crew has performed our quarterly water quality samples and have been found to be well within the acceptable EGLE range of standards. Looking ahead to March, the construction season is about to begin with new watermain installation and new water lines being installed on S. Wenona Street this Spring. This month our DWRP crews will be getting back to replacing water lines and hydro excavating water lines for identification.