



TIPTON MUNICIPAL UTILITIES
Tipton Utility Service Board Meeting
March 18, 2024

The Tipton Utility Service Board meeting was held at 4:30 p.m. at the TMU City Water Department, 310 N. East Street, Tipton, Indiana. Chairman Don McElfresh presided. The members present included Dick Klein (Emeritus), Barbara Cardwell, Peter Schram, Mark Raver, and Utility General Manager Jim Ankrum. City Council Liaison Rick Rippy was also present. Steven Thompson was absent.

GUESTS

Mayor Kegan Schmicker
Bob Edinger
Scott Reecer (TMU)
Jeff Heard (TMU)

MINUTES

Minutes of the previous meeting were reviewed:

MOTION: It was moved by Barb Cardwell, and seconded by Peter Schram:
"That the previous minutes of the meeting be approved."
Motion carried.

CLAIMS

Claims were reviewed.

MOTION: It was moved by Mark Raver and seconded by Peter Schram.
"That claims #24921- #24973 totaling \$1,322,101.27 be approved." Motion
carried.

CHARGE OFFS

A charge-offs report totaling \$187.55 was presented to the board, approved on motion by Mark Raver, and seconded by Barb Cardwell. Motion carried.

BLENDED INTEREST RATE REPORT

None submitted.

FINANCIAL STATEMENTS

None submitted.

RESOLUTIONS

Board Resolution 2024-01 to recognize the distinguished service of TMU Electrical Supt. Brad Cox was unanimously approved after motion by Mark Raver and second by Peter Schram.

Other Matters before the Board for Approval:

Elevated Water Tower Bids: With motion by Mark Raver and second by Peter Schram, the Board unanimously approved accepting the low responsive and responsible bid of Caldwell Tank at \$1,965,100. It was noted that the three competitive bids were under or near the \$2 Million budget for this work. GM Ankrum will now work with Wessler to get the contract executed and the project moving.

GM Ankrum brought a recommendation to the Board to make a \$199k investment to convert all Open Cut pipeline installation (10,460 feet all along busy Old SR 28) to Horizontal Directional Drilling (HDD) installation methods for the Sanitary Force Main project. After robust discussion and careful consideration, the Board agreed that this investment of \$198,740 as negotiated by TMU made sense from several aspects including Safety, Quality, Schedule, and Risk Mitigation. The Board unanimously approved Ankrum's recommendation by motion from Peter Schram and second from Mark Raver

UTILITY MANAGER REPORT

- **Safety:** IMPA/TVPPA Safety training was held on Wed March 13 and covered Extreme Heat and Cold working conditions/safety precautions. The training was well attended by City and TMU associates.
- This TUSB meeting was held at the City Water Plant on East St. TMU Water Supt Jeff Heard provided the Board and attendees with an excellent overview of the City water system operation from the wells, through the treatment plant and out to elevated storage towers and to distribution.
- **Water Dept/Church:** The Utility Board toured the old church on North/East streets. The disrepair of the building was noted the Board agreed that demolition of the structure, at TMU's convenience, was the best course of action. Ankrum will handle next steps.
- **IDEM:** Ankrum awaits feedback from Matt Smith of Strand as to next steps with IDEM on the City/TMU's proposed Use Attainability Analysis response.
- **IMPA:** GM Ankrum joined the IMPA Operations Committee and attended the first bi-annual meeting last week. The committee reviews, in depth, the IMPA-owned power plant facilities.
- **IMPA:** IMPA Commissioner Klein and Ankrum will be attending the IMPA Annual meeting this Thurs and Friday in Carmel.
- **Sanitary Sewer Force Main Connector and Elevated Water Projects:**
 - Sanitary Force Main project:
 - F&K should soon mobilize to complete most, if not all, work calendar year 2024.
 - Water Tower project status:

- Advertisements for bids on Wed 1-24-24 and Wed 1-31-24. **Done**
- Pre-Bid on Thurs Feb 15, 2024 at 1 pm in City Hall. **Done**
- Bids turned in and opened on Thurs Feb 29, 2024 at 4 pm in City Hall. **Done**
- Utility Board approval to move forward with Caldwell today. **Done**
- US 31/SR 28 Development
 - SE Quadrant, owned by Tipton Land Development: No new news.
 - TMU has been fielding calls and emails regarding Utilities for the existing Stellantis facility currently For Sale.
- City East Side Development Studies by Strand
 - Strand has submitted a final design to INDOT to get a permit for a water line HDD under SR 28 across from the DeLong Auto Repair. TMU still awaits final disposition from INDOT.
 - Ankrum has shared the Strand study on the sanitary sewer options in this area. More discussion needs to be had to determine a path forward as this will likely be a much more expensive project.
- Ankrum reminded the Board that the retirement luncheon for TMU Electrical Supt Brad Cox will be held next Tuesday, March 26th at the Electrical Dept located at 891 Berryman Pike.
- The next TUSB meeting will be Monday Apr 1, 2024 starting at 4:30 pm in Council Chambers. GM Ankrum will be on Spring Break and call in remotely.
- Community Comments:
 - Bob Edinger thanked the Board for having the meeting at the Water Plant and recommended other TMU facilities be considered for future meetings.
- ADJOURNMENT
A motion was made by Mark Raver to adjourn and seconded by Peter Schram. The meeting was adjourned at approximately 5:15 p.m.



 Jim Ankrum, General Manager



 Don McElfresh, Chairman



TIPTON MUNICIPAL UTILITIES
TIPTON UTILITY SERVICE BOARD MEETING
Guest Register
March 18, 2024

Name (please print)

Name (please print)

Bob Edinger

Megan Schmucker

Scott Rocco

Jeff Heard

I hereby certify that each of the above listed vouchers and the invoices, or bills attached there to, are true and correct and I have audited same in accordance with IC 5-11-10-1.6.

March 18, 2024

Fiscal Officer

ALLOWANCE OF ACCOUNTS PAYABLE VOUCHERS

TIPTON MUNICIPAL UTILITIES

APVS #24921-24973

We have examined the Accounts Payable Vouchers listed on the foregoing Register of Accounts Payable Vouchers consisting of 12 pages and except for accounts payables not allowed as shown on the Register such accounts payables are hereby allowed in the total amount of \$ 1,322,101.27.

Dated this 18th day of March 2024.

Signatures of Governing Board

TIPTON MUNICIPAL UTILITIES

Inter-Office Memorandum

210 South Main Street

PO Box 288

Tipton, IN 46072-1903

DATE: March 18, 2024
TO: Tipton Utility Service Board
FROM: Jim Ankrum
SUBJECT: Charge-Offs

Attached is a Charge-Off report totaling \$187.55. Please review and approve.

Thank you.

RESOLUTION 2024-01

TIPTON UTILITY SERVICE BOARD

CITY OF TIPTON, INDIANA

WHEREAS, the Tipton Utility Service Board desires to recognize the 45 years of dedicated, continuous and loyal service with the Tipton Municipal Utilities (TMU) Electric Department and in service to the Tipton Community of,

Brad Cox

WHEREAS, the Tipton Utility Service Board further wishes to recognize his outstanding performance and valued contributions as the TMU Electrical Department Superintendent these past 7 years; and

NOW, THEREFORE, BE IT RESOLVED that for now and all of time, Brad Cox will be known to be one of the finest employees of Tipton Municipal Utilities.

Resolved this 18th day of March, 2024, in Tipton, Indiana.

TIPTON UTILITY SERVICE BOARD

Don McElfresh - Chairman

Steven Thompson

Peter Schram

Barbara A. Cardwell

Mark J. Raver

Witness- Honorable Mayor Kegan Schmicker

Attest - James E. Ankrum, Utility Manager

WHAT WILL THE ENERGY

As efforts to move electricity generation to cleaner resources continue, there is no denying the heavy capital investment required — between **\$3.5 trillion and \$4.5 trillion** per year globally — to achieve a zero-carbon economy by 2050. ¹¹¹ This cost is being borne across various industries, public and private funds, and individuals.

POWER SECTOR

\$2.4 trillion (new generation, energy storage, grid updates)



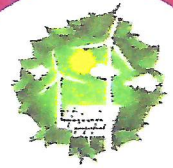
BUILDINGS

\$500 billion
(heat pumps, retrofits, etc.)

High-income countries, including the U.S., will require **\$1.4 trillion** in annual investments economy-wide through 2050.

Where We Are

Bloomberg NEF estimated investment in energy transition topped **\$1.1 trillion** in 2022.

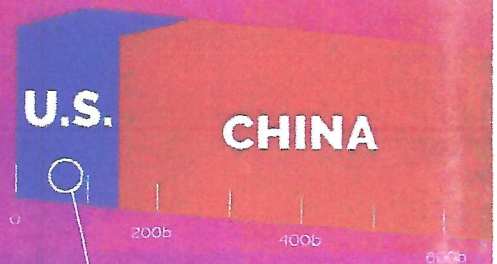


\$550 billion

supported investments in energy supply, including renewables, nuclear, energy storage, hydrogen, and CCS.

Plus, an additional \$274 billion in investments in energy efficiency.

Global Investments in 2022



With \$141 billion, investments with made up 12.7% of the 2022 total.

This investment is up 50% and more than double

TRANSITION COST?

Now

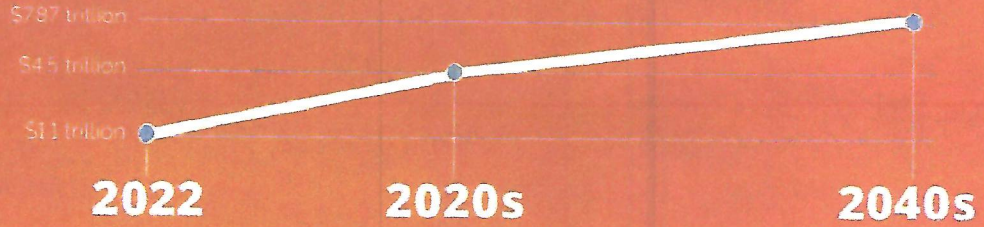
Investments in the global energy transition in 2022



Investment in "demand-side" aspects (transportation, home heating) outpaced supply investments. These include personal investments in electrification from individuals.

What's Needed

To reach 2050 net zero goals, BNEF forecasts that **total annual global investments need to more than triple through 2030**, at \$4.5 trillion, and peak in the 2040s with \$7.87 trillion per year.

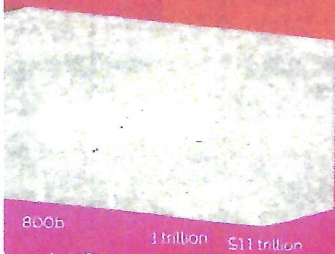


The majority of the added investments need to occur in electrified transport

Renewable energy and electric grid investments surpass \$2 trillion annually through 2050

Investment into power grids.

The Energy Transitions Commission suggested that \$300 billion per year through 2050 could be raised to support the transition through:



the U.S.



Investment from 2021 to 2019 total.

Sources:

i Financing the Transition: How to Make the Money Flow for a Net-Zero Economy. Energy Transitions Commission. March 2023.

ii Energy Transition Investment Trends 2023, BloombergNEF. January 2023.



More than a Project™

March 4, 2024

Mr. Jim Ankrum, General Manager
Tipton Municipal Utilities
210 South Main Street
Tipton, Indiana 46072-0288

Re: Division A – Elevated Water Storage Tank
Evaluation of Bids

Dear Mr. Ankrum:

Pursuant to the advertisement, bids for the Division A – Elevated Water Storage Tank were received at 4:00 pm on February 29, 2024 at Tipton City Hall Chambers, 216 South Main Street, Tipton, Indiana. Each of the sealed bids was opened and read aloud.

Three (3) bids were received. A copy of the official Bid Tabulation is enclosed. The contractors which submitted bids and their respective bid amounts are as follows:

<u>Contractor</u>	<u>Bid Price</u>
Caldwell Tanks, Inc.	\$1,965,100.00
Maguire Iron, Inc.	\$1,971,200.00
Phoenix Fabricators & Erectors, LLC	\$2,093,113.00

All three (3) bids were below the engineer's estimate.

We have reviewed the bid package for the low bidder, Caldwell Tanks, Inc., and the bid documents appear to be complete. Based on the evaluation of their experience and qualifications it appears that they should be capable and qualified to perform the work required.

Pursuant to the Contract Documents, the Utility Service Board may reject any and all bids, or accept any bid as may be the lowest responsive and responsible bidder. Should the Utility Service Board choose to award the Project, based upon the bids received and information obtained on the low bidder, the Notice of Award may be made to Caldwell



More than a Project™

Tanks, Inc. at a contract price of \$1,965,100.00, contingent upon review by your legal counsel.

Upon the Utility Service Board's decision, we will prepare a letter and Notice of Award to Caldwell Tanks, Inc..

If you have any questions or comments please feel free to contact me at (317) 788-4551.

Sincerely,

WESSLER ENGINEERING

A handwritten signature in black ink, appearing to read 'Joshua D. Morris'.

Joshua D. Morris, M.B.A., P.E.
Senior Project Manager

Enclosure

ITEMIZED BID TABULATION

DIVISION A - ELEVATED WATER STORAGE TANK
TIPTON MUNICIPAL UTILITIES

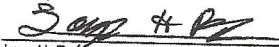
BID DOCUMENTS:	CALDWELL TANKS, INC.	MAGUIRE IRON, INC.	PHOENIX FABRICATORS & ERECTORS, LLC
1 BID FORM 96	YES	YES	YES
2 BID ATTACHMENT	YES	YES	YES
3 BID BOND	YES	YES	YES
4 EVIDENCE OF AUTHORITY TO DO BUSINESS IN INDIANA	YES	YES	NO
5 FINANCIAL STATEMENT	YES	YES	YES
6 EMPLOYEE DRUG TESTING PLAN AND CERTIFICATION FORM	YES	FORM ONLY	FORM
7 CERTIFICATION OF PREQUALIFICATION WITH IDOA OR INDOT	YES	YES	NO
8 GOOD FAITH EFFORTS WORKSHEET	YES	YES	YES
9 ADDENDUM No. 1 ACKNOWLEDGED	YES	YES	YES

ITEM NO.	ITEM DESCRIPTION	ENGINEER'S ESTIMATE	CALDWELL TANKS, INC.	MAGUIRE IRON, INC.	PHOENIX FABRICATORS & ERECTORS, LLC
N/A	Division A - Elevated Water Storage Tank	\$2,600,000.00	\$1,965,100.00	\$1,971,200.00	\$2,093,113.00

NOTES:

[include any notes pertaining to the bids or discrepancies]

I hereby certify that to my best knowledge and belief, this Bid Tabulation is a correct and accurate tabulation of the Bids received by Tipton Municipal Utilities, Tipton, Indiana for the Division A - Elevated Water Storage Tank Project on February 29, 2024.


 Loys H. Rees
 Registered Engineer No. 12000685
 State of Indiana

