



# OFFICIAL NOTICE AND AGENDA

Notice is hereby given that the City of Stoughton Utilities Committee will hold a regular meeting on the date and at the time and location given below.

Meeting of: **CITY OF STOUGHTON UTILITIES COMMITTEE**  
Date/Time: Monday, April 17, 2023 at 5:30 p.m.  
Location: Edmund T. Malinowski Board Room, Stoughton Utilities Administration Office  
600 South Fourth Street, Stoughton, Wisconsin  
Optional Virtual Participation: [GoToMeeting ID 445-128-965](#)  
Members: Citizen Member David Erdman (Chair), Alderperson Regina Hirsch, Alderperson Fred Hundt, Mayor Tim Swadley, Citizen Member Dustin Thoren (Vice-Chair), Alderperson Joyce Tikalsky

## **MEETING AGENDA:**

### **CALL TO ORDER**

### **ROLL CALL AND VERIFICATION OF QUORUM**

### **CERTIFICATION OF COMPLIANCE WITH OPEN MEETINGS LAW**

### **PUBLIC COMMENTS**

### **CONSENT AGENDA**

*(All items are considered routine and will be enacted upon by one motion. There will be no separate discussion of these items unless a Stoughton Utilities Committee member so requests, in which event the item will be removed from the consent agenda and be considered on the regular agenda.)*

- a. Draft Minutes of the March 20, 2023 Regular Utilities Committee Meeting
- b. Stoughton Utilities Payments Due List Report
- c. Stoughton Utilities Financial Summary – December 2022, January 2023, and February 2023
- d. Stoughton Utilities Statistical Report
- e. Communications

### **OLD BUSINESS**

1. Status of the Utilities Committee Recommendation(s) to the Stoughton Common Council  
**(Discussion)**

### **NEW BUSINESS**

2. Stoughton Utilities & WPPI Energy Services Manager Position **(Discussion)**
3. Rejection of Bid Award of North Street and Bickley Court Reconstruction Contract 2-2023 to Rock Road Companies, Inc. **(Discussion)**
4. Update on the Stoughton Utilities Strategic Alignment Plan **(Discussion)**
5. American Public Power Association Electric Reliability Annual Benchmarking Report **(Discussion)**
6. Utilities Committee Future Agenda Item(s) **(Discussion)**

### **ADJOURNMENT**

#### **Notices Sent To:**

Stoughton Utilities Committee Members  
Stoughton Utilities Director Jill M. Weiss, P.E.  
Stoughton Utilities Assistant Director Brian Hoops  
Stoughton Utilities Finance Manager Shannon Statz

cc: Stoughton City Attorney Matthew Dregne  
Stoughton Common Council Members  
Stoughton City Clerk Candee Christen  
Stoughton Leadership Team  
Stoughton Library Administrative Assistant Sarah Monette  
Stoughton Utilities Billing & Metering Supervisor Erin Goldade  
Stoughton Utilities Education & Outreach Coordinator Brandi Yungen  
Stoughton Utilities Electric System Supervisor Ryan Jefferson  
Stoughton Utilities Water System Supervisor Kent Thompson  
Stoughton Utilities Wastewater System Supervisor Brian Erickson  
WPPI Energy Services Manager Darren Jacobson  
O'Rourke Media Publications – Stoughton Courier Hub

**REMOTE CONNECTION INSTRUCTIONS:** Pursuant to City of Stoughton Common Council Rule 19, members of the committee and members of the public may attend this meeting either in person or by virtual means. If participating virtually, please join the meeting from your computer, tablet or smartphone using the following URL:

<https://meet.goto.com/445128965>

You can also dial in using your phone at (571) 317-3112 using access code: 445-128-965.

**ATTENTION COMMITTEE MEMBERS:** Two-thirds of members are needed for a quorum. The committee may only conduct business when a quorum is present. If you are unable to attend the meeting, please contact Jill Weiss at (608) 877-7423 via email at [JWeiss@stoughtonutilities.com](mailto:JWeiss@stoughtonutilities.com), or Brian Hoops at (608) 877-7412, or via email at [BHoops@stoughtonutilities.com](mailto:BHoops@stoughtonutilities.com).

It is possible that members of, and possibly a quorum of members of other committees of the Common Council of the City of Stoughton may be in attendance at this meeting to gather information. No action will be taken by any such group(s) at this meeting other than the Stoughton Utilities Committee consisting of the members listed above. An expanded meeting may constitute a quorum of the Common Council.

Upon reasonable notice, efforts will be made to accommodate the needs of individuals through appropriate aids and services. For information, or to request such assistance, please contact Stoughton Utilities prior to the start of the meeting at (608) 873-3379.

Current and past Stoughton Utilities Committee documents, including meeting notices, meeting packets, and meeting minutes, are available for public download at [stoughtonutilities.com/uc](http://stoughtonutilities.com/uc).

# DRAFT STOUGHTON UTILITIES COMMITTEE REGULAR MEETING MINUTES

Monday, March 20, 2023 – 5:30 p.m.

Stoughton, WI

Page No. 1

**Location:** Edmund T. Malinowski Board Room, Stoughton Utilities Administration Office  
600 South Fourth Street, Stoughton, Wisconsin  
Optional Virtual Participation: GoToMeeting ID 934-638-317

**Members Present:** Citizen Member David Erdman (Chair), Alderperson Regina Hirsch, Mayor Tim Swadley, Citizen Member Dustin Thoren (Vice-Chair), Alderperson Joyce Tikalsky

**Excused:** None

**Absent:** Alderperson Fred Hundt

**Others Present:** Tyler Denig, Stoughton Utilities Assistant Director Brian Hoops, Stoughton Utilities Finance Manager Shannon Statz, Stoughton Utilities Director Jill Weiss

**Call to Order:** Chairperson Erdman called the regular Stoughton Utilities Committee Meeting to order at 5:30 p.m. Erdman, Hirsch, Swadley, and Thoren were present in person. Tikalsky was present by webinar.

**Verification of Quorum:** The chair verified that a quorum of the committee membership was present.

**Certification of Compliance with Open Meetings Law:** Hoops certified that the meeting had been properly noticed in compliance with open meetings law.

**Public Comments:** None

**Utilities Committee Consent Agenda:** Stoughton Utilities staff presented and discussed the Stoughton Utilities Committee consent agenda items, highlighting the 2023 residential incentive programs, information materials that had been developed for distribution to landlords and businesses, and recent billing statement inserts that are available in the packet of committee materials. Staff also presented efforts towards the implementation of an outage management system.

Motion by Tikalsky, the motion seconded by Hirsch, to approve the following consent agenda items as presented:

- a. Draft Minutes of the February 20, 2023 Regular Utilities Committee Meeting
- b. Stoughton Utilities Payments Due List Report
- c. Stoughton Utilities Statistical Report
- d. Stoughton Utilities Activities Report
- e. Communications

The motion carried unanimously 5 to 0.

**Status of the Utilities Committee recommendation(s) to the Stoughton Common Council:** Stoughton Utilities staff presented and discussed the following items from the Stoughton Utilities Committee that were recently approved and/or placed on file by the Stoughton Common Council:

**Consent Agenda:**

1. Minutes of the November 21, 2022 Regular Utilities Committee Meeting

# DRAFT STOUGHTON UTILITIES COMMITTEE REGULAR MEETING MINUTES

Monday, March 20, 2023 – 5:30 p.m.

Stoughton, WI

Page No. 2

2. Stoughton Utilities Payments Due List Report
3. Stoughton Utilities Financial Summary – October and November
4. Stoughton Utilities Statistical Report

## Business:

1. Bad Debt Account Write-Offs through December 31, 2022
2. Approving a waiver of the requirements to issue a notice of intent to dispose and the solicitation of sealed bids for the as-is, where-is sale of a used Virginia substation transformer as required by policy

Discussion followed.

**Action to Repeal Section 74-5 of the Stoughton Municipal Code, Relating to the Appointment of an Operations Superintendent of Utilities:** Stoughton Utilities staff presented information regarding the current ordinance requirement that an operations superintendent of utilities position be appointed, and discussed the history of the position including that it has been vacant since March 2022 and later eliminated as part of the 2022 strategic realignment effort approved by the committee and city council. Since the position would not be refilled, it was requested that the ordinance be repealed. Discussion followed.

Staff informed the committee that the final ordinance document presented to the Stoughton Common Council would have slight verbiage updates from what was presented in the committee packet.

Motion by Thoren, the motion seconded by Hirsch, to approve the repeal of Section 74-5 of the City of Stoughton Code of Ordinances, relating to the appointment of an operations superintendent of utilities, and recommend approval to the Stoughton Common Council. The motion carried unanimously 5 to 0.

**Utilities Committee Future Agenda Items:** Stoughton Utilities staff informed the committee that the April meeting is expected to include a staffing and reorganization update, and an introduction to Stoughton Utilities WPPI Energy Service Manager Darren Jacobson with a presentation of sustainability efforts being undertaken by Stoughton Utilities. The May meeting is expected to include a presentation of the annual financial audit report and the annual committee reorganization materials. The current citizen member vacancy was briefly discussed by the committee and it was recommended that the utility post information on social media soliciting interested candidates.

**Adjournment:** Being no further business before the committee, motion by Thoren, the motion seconded by Erdman, to adjourn the meeting at 6:02 p.m. The motion carried unanimously 5 to 0.

Respectfully submitted,

Brian R. Hoops  
Stoughton Utilities Assistant Director

Date: Tuesday, April 04, 2023  
 Time: 08:07AM  
 User: SGUNSOLUS

**Stoughton Utilities**  
**Check Register Summary - Standard**

Page: 1 of 6  
 Report: 03699W.rpt  
 Company: 7430

Period: - As of: 4/4/2023

Check Nbr	Type	Date	Amount Paid	Vendor ID / Name	Description
<b>Company: 7430</b>					
002568	EP	3/7/2023	84,277.03	516 WELLS FARGO BANK	VO for check batch: 311360
002569	HC	3/7/2023	776,731.72	009 WPPI	WPPI-Renewable Energy/WPPI-Buy Back Solar Credit/WPPI-Excess Gen 8-8 Credit/WPPI-Large Power/WPPI-Support Services/WPPI-Support Services/WPPI-Support Services/WPPI-Support Services
002570	HC	3/30/2023	979.80	004 Us Cellular - Ach	Us Cellular - March Ach/Us Cellular - March Ach/Us Cellular - March Ach
002571	HC	3/30/2023	180.00	318 PITNEY-BOWES INC-PURCHASE POWER	Pitney Bowes-Mar Ach/Pitney Bowes-Mar Ach/Pitney Bowes-Mar Ach/Pitney Bowes-Mar Ach
002572	HC	3/30/2023	90.40	856 GORDON FLESCH COMPANY, INC.	Gordon Flesch-March Ach/Gordon Flesch-March Ach/Gordon Flesch-March Ach/Gordon Flesch-March Ach
002573	HC	3/30/2023	752.56	002 Employee Benefits Corp - Ach	EBC - March Ach/EBC - March Ach/EBC - March Ach/EBC - March Ach
002574	HC	3/30/2023	241.39	952 AT&T	AT&T-March Ach
002575	HC	3/30/2023	23,889.91	010 WI Dept. of Revenue Taxpayment-Ach	Dept of Rev-March Ach/Dept of Rev-March Ach
002576	HC	3/30/2023	900.33	007 TDS Metrocom - Ach	TDS Metrocom - March Ach/TDS Metrocom - March Ach/TDS Metrocom - March Ach/TDS Metrocom - March Ach
002577	HC	3/30/2023	9,198.78	003 Alliant Energy - Ach	Alliant Energy - March Ach/Alliant Energy - March Ach/Alliant Energy - March Ach/Alliant Energy - March Ach/Alliant Energy - March Ach/Alliant Energy - March Ach
002578	HC	3/30/2023	1,325.00	499 LV LABS WW, LLC	LV Labs-March Ach
002579	HC	3/30/2023	30.52	421 FIRST DATA CHARGES	First Data-March Ach/First Data-March Ach/First Data-March Ach/First Data-March Ach
002580	HC	3/30/2023	1,843.76	001 Delta Dental - Ach	Delta Dental - March Ach/Delta Dental - March Ach/Delta Dental - March Ach
002581	HC	3/30/2023	434.06	547 Spectrum-Ach	Spectrum-March Ach/Spectrum-March Ach/Spectrum-March Ach

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**Stoughton Utilities**  
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Period: - As of: 4/4/2023

Check Nbr	Type	Date	Amount Paid	Vendor ID / Name	Description
002582	HC	3/30/2023	11,351.50	008 Payroll State Taxes - Ach	State Taxes - March Ach/State Taxes - March Ach
002583	HC	3/30/2023	65,503.56	025 Payroll Federal Taxes- Ach	Federal Taxes - March Ach/Federal Taxes - March Ach/Federal Taxes - March Ach/Federal Taxes - March Ach
002584	HC	3/30/2023	6,564.56	015 Associated Bank-Ach	Assoc Bank-March Ach/Assoc Bank-March Ach/Assoc Bank-March Ach/Assoc Bank-March Ach
028694	VC	3/23/2023	-86.39	046 JINGYING LU	J Lu-Customer Refund
028715	CK	3/2/2023	1,011.82	131 CITY OF STOUGHTON	City Stoton-Mar A Def Comp
028716	CK	3/2/2023	500.00	219 AFFORDABLE TRANSPORTATION PROGRAM	Affordable-Round Up Donation
028717	CK	3/2/2023	1,036.00	324 ELECTRICAL TESTING LAB., LLC.	Elec Testing-Gloves
028718	CK	3/2/2023	4,141.93	400 RESCO	Resco-Supplies/Resco-Supplies/Resco-Tool/Resco-Supplies
028719	CK	3/2/2023	500.00	420 STOUGHTON VILLAGE PLAYERS	Stoton Villiage-Round Up Donat
028720	CK	3/2/2023	1,589.40	487 MARTELLE WATER TREATMENT	Martelle-Bulk Supplies
028721	CK	3/2/2023	4,300.00	816 CORE & MAIN LP	Core & Main-Hydrant buddy
028722	CK	3/8/2023	1,650.00	084 HARVEST FARMS, LLC	Harvest-Embedded Credits
028723	CK	3/8/2023	5,724.99	090 SOLENIS LLC	Solenis-Supplies
028724	CK	3/8/2023	101.18	146 STOUGHTON ELECTRIC UTIL.	Stoton Elec-Bulk Water WW
028725	CK	3/8/2023	475.00	171 ASSOCIATED TRUST CO	Assoc Trust-Revenue Bonds
028726	CK	3/8/2023	34,296.40	400 RESCO	Resco-Supplies/Resco-Supplies/Resco-Inventory/R esco-Poles
028727	CK	3/8/2023	503.15	639 VICTORIA ZIENTEK	V Zientek-Customer Refund/V Zientek-Customer Refund/V Zientek-Customer Refund
028728	CK	3/8/2023	341.00	865 BOARDMAN & CLARK LLP	Boardman-License Agreement
028729	CK	3/8/2023	4,950.00	870 FORWARD DEVELOPMENT GROUP, LLC	Forward Dev-Embedded Credits

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Check Nbr	Type	Date	Amount Paid	Vendor ID / Name	Description
028730	CK	3/8/2023	40,886.00	944 B & B TRANSFORMER, INC.	B & B-Transformers/B & B-Transformers
028731	CK	3/8/2023	90.00	997 PETERSON PEST MANAGEMENT	Peterson-Pest Maint/Peterson-Pest Maint/Peterson-Pest Maint
028732	CK	3/16/2023	63,579.37	131 CITY OF STOUGHTON	City Stoton-Mar B Def Comp/City Stoton-Stormwater
028733	CK	3/16/2023	3,014.61	166 INKWORKS, INC.	Inkworks-Office Supply/Inkworks-Insert/Inkwoks-Inserts/Inkwork-Inserts/Inkworks-Office Supply/Inkworks-Office Supply/Inkworks-Inserts/Inkworks-Office Supply/Inkworks-Office Supply/Inkworks-Office Supply
028734	CK	3/16/2023	449.25	264 ODYSSEY DESIGN	Odyssey-Supplies/Odyssey-Supplies/Odyssey-Supplies
028735	CK	3/16/2023	120.01	293 STANLEY CRAMER	S Cramer-Customer Refund
028736	CK	3/16/2023	1,439.35	313 MUNICIPAL ENVIRONMENTAL GROUP	Munic Env-Member Dues
028737	CK	3/16/2023	353.00	324 ELECTRICAL TESTING LAB., LLC.	Elec Testing-Supplies
028738	CK	3/16/2023	2,650.00	361 PROGRESS SOFTWARE CORPORATION	Progress-Support/Progress-Support/Progress-Support
028739	CK	3/16/2023	6,142.64	362 UTILITY SERVICE CO., INC	Utility-Twr 2 Qtr
028740	CK	3/16/2023	8,461.07	400 RESCO	Resco-Supplies/Resco-Inventory
028741	CK	3/16/2023	180.29	405 ROSENBAUM CRUSHING & EXCAV.	Rosenbaum-Material
028742	CK	3/16/2023	1,242.51	451 INSIGHT FS	Insight-Fuel/Insight-Fuel/Insight-Fuel
028743	CK	3/16/2023	655.60	487 MARTELLE WATER TREATMENT	Martelle-Bulk Supplies
028744	CK	3/16/2023	73.07	574 LAURA MC CORMICK	L McCormick-Cust Refund
028745	CK	3/16/2023	6,000.00	648 BAKER TILLY VIRCHOW KRAUSE, LLP	Baker Tilly-Audit/Baker Tilly-Audit/Baker Tilly-Audit
028746	CK	3/16/2023	3,621.14	781 DUNKIRK WATER POWER CO LLC	Dunkirk-Customer Refund
028747	CK	3/16/2023	117.69	816 CORE & MAIN LP	Core-Supplies

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Check Nbr	Type	Date	Amount Paid	Vendor ID / Name	Description
028748	CK	3/16/2023	149.69	940 LIAM KRUEGER	L Krueger-Customer Refund
028749	CK	3/16/2023	855.00	967 HYDRO CORP	Hydro Corp-Inspections
028750	CK	3/16/2023	35.00	983 C & M HYDRAULIC TOOL SUPPLY	C & M - Repairs
028751	CK	3/22/2023	20,720.00	135 CTW CORPORATION	CTW Corp-Supplies-Repairs/CTW Corp-Supplies-Repairs
028752	CK	3/22/2023	60.62	146 STOUGHTON ELECTRIC UTIL.	Stoton EI-Customer Refund
028753	CK	3/22/2023	64,860.00	355 STUART C IRBY CO.	Stuart-Transformers
028754	CK	3/22/2023	15,354.92	383 INSTRUMENT TRANS. EQUIP. CORP.	Inst Trans-Supplies
028755	CK	3/22/2023	178.54	400 RESCO	Resco-Supplies
028756	CK	3/22/2023	795.00	471 AMERICAN LEAK DETECTION	Amer Leak-Repairs
028757	CK	3/22/2023	596.32	694 ROBERT VIETS	R Viets-Customer Refund
028758	CK	3/22/2023	1,061.25	776 NORTHEAST WISCONSIN TECHNICAL COLLEGE	NW Tech Col-School
028759	CK	3/29/2023	161,355.35	131 CITY OF STOUGHTON	City Stoton-Mar C Def Comp/City Stoton-Long Debt Wa/City Stoton-March Retirement/City Stoton-Long Debt WW/City Stoton-March Quartz/City Stoton-Long Debt WW/City Stoton-Long Debt Wa/City Stoton-March Retirement/City Stoton-March Quartz/More...
028760	CK	3/29/2023	194,580.00	355 STUART C IRBY CO.	Stuart Irby-Transformers/Stuart Irby-Transformers/Stuart Irby-Transformers
028761	CK	3/29/2023	16,424.72	400 RESCO	Resco-Inventory/Resco-Supplies
028762	CK	3/29/2023	8,890.00	895 ROGERS PAINT COMPANY INC.	Rogers Paint-Clean-Paint
028763	CK	3/29/2023	20,228.00	944 B & B TRANSFORMER, INC.	B & B Trans-Trans/B & B Trans-Trans Pad
102293	CK	3/2/2023	110.00	059 JILL WEISS	J Weiss-Reimbursement
102294	CK	3/2/2023	33.43	181 BRIAN HOOPS	B Hoops-Reimbursement



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Check Nbr	Type	Date	Amount Paid	Vendor ID / Name	Description
102295	CK	3/2/2023	1,192.40	290 MID-WEST TREE & EXCAVATION, INC	Midwest-Trenching/Midwest-Trenching/Midwest-Trenching
102296	CK	3/2/2023	223.64	327 BORDER STATES ELECTRIC SUPPLY	Border States-Inventory
102297	CK	3/2/2023	11,272.56	448 STRAND ASSOCIATES INC.	Strand-Street Work/Strand-North Street/Strand-Academy St/Strand-Academy St/Strand-North Street/Strand-Street Work/Strand-Street Work/Strand-Street Work/Strand-Street Work
102298	CK	3/2/2023	3,843.05	727 GLS UTILITY LLC	GLS-Feb Locates/GLS-Feb Locates/GLS-Feb Locates
102299	CK	3/2/2023	450.00	731 NORTH SHORE BANK FSB-DEFERRED COMP.	N Shore Bk-Mar A Def Comp
102300	CK	3/9/2023	12,805.60	157 FORSTER ELEC. ENG.,INC.	Forster-Prof Services/Forster-Prof Services/Forster-Prof Services/Forster-Prof Services
102301	CK	3/9/2023	154.20	181 BRIAN HOOPS	B Hoops-Meal Reimbursement
102302	CK	3/9/2023	762.25	269 UTILITY SALES AND SERVICE	Utility-Service
102303	CK	3/9/2023	350.00	290 MID-WEST TREE & EXCAVATION, INC	Midwest-Trenching
102304	CK	3/9/2023	58,063.88	327 BORDER STATES ELECTRIC SUPPLY	Border States-Inventory
102305	CK	3/17/2023	2,057.73	259 ITRON, INC.	Itron-software support/Itron-software support/Itron-software support
102306	CK	3/17/2023	4,941.93	448 STRAND ASSOCIATES INC.	Strand-North St Const/Strand-4th 5th & South Sts/Strand-4th 5th & South Sts/Strand-North St Const/Strand-4th 5th & South Sts/Strand-4th 5th & South Sts/Strand-4th 5th & South Sts/Strand-4th 5th & South Sts
102307	CK	3/17/2023	1,400.00	493 MSA PROFESSIONAL SERVICES, INC.	MSA Prof-Design-Inspec/MSA Prof-Design-Inspec
102308	CK	3/17/2023	450.00	731 NORTH SHORE BANK FSB-DEFERRED COMP.	N Shore Bk-Mar B Def Comp
102309	CK	3/17/2023	3,878.63	852 INFOSEND, INC	Infosend-Billing & Mailing/Infosend-Billing & Mailing/Infosend-Billing & Mailing/Infosend-Billing & Mailing/Infosend-Billing & Mailing

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**Stoughton Utilities**  
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 Report: 03699W.rpt  
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Period: - As of: 4/4/2023

Check Nbr	Type	Date	Amount Paid	Vendor ID / Name	Description
102310	CK	3/22/2023	760.40	290 MID-WEST TREE & EXCAVATION, INC	Midwest-Trenching/Midwest-Trenching
102311	CK	3/22/2023	15,303.64	327 BORDER STATES ELECTRIC SUPPLY	Border States-Inventory/Border States-Supplies/Border States-Supplies/Border States-Inventory
102312	CK	3/22/2023	237.22	371 SCOTT ADLER	S Adler-Reimbursement
102313	CK	3/22/2023	2,801.51	448 STRAND ASSOCIATES INC.	Strand-Professional services
102314	CK	3/22/2023	6,442.75	496 A.C. ENGINEERING COMPANY	A.C. Eng-Supplies
102315	CK	3/22/2023	6,946.10	520 DIS-TRAN PACKAGED SUBSTATIONS, LLC	Distran-Arresters
102316	CK	3/22/2023	3,651.09	862 EVOQUA WATER TECHNOLOGIES, LLC	Evoqua-Supplies
102317	VC	3/23/2023	0.00	046 JINGYING LU	J Lu-Customer Refund/J Lu-Customer Refund
102318	ZC	3/23/2023	0.00	046 JINGYING LU	J Lu-void 102317/J Lu-Customer Refund
102319	CK	3/23/2023	86.39	046 JINGYING LU	J Lu-Customer Refund
102323	CK	3/30/2023	7,673.48	269 UTILITY SALES AND SERVICE	Utility Sales-Trk 2 repairs
102324	CK	3/30/2023	4,228.02	327 BORDER STATES ELECTRIC SUPPLY	Border States-Inventory/Border States-Inventory
102325	CK	3/30/2023	140.28	371 SCOTT ADLER	S Adler-Reimbursement
102326	CK	3/30/2023	450.00	731 NORTH SHORE BANK FSB-DEFERRED COMP.	N Shore Bk-Mar C Def Comp
<b>Company Total</b>			<b>1,841,259.55</b>		

Date: Tuesday, March 07, 2023

Time: 09:30AM

User: SGUNSOLUS

# Stoughton Utilities Posting Preview Report

Select By: {PSSPurchCard.RefNbr} = '0000000153'

Company	Account	Sub	Vendor ID	Merchant	Amount	Description	Post Date	Emp ID	Projec
<b>Import ID: 009010</b>		<b>Import # : 0000000153</b>							
7430	921	000000	096	ADOBE ID CREATIVE CL	142.40	SaaS - Adobe Cloud for Teams Apps	02/07/2023	5250	-
7450	921	000000	096	ADOBE ID CREATIVE CL	51.78	SaaS - Adobe Cloud for Teams Apps	02/07/2023	5250	-
7460	851	000000	096	ADOBE ID CREATIVE CL	64.73	SaaS - Adobe Cloud for Teams Apps	02/07/2023	5250	-
7450	631	000000	194	ADVANCE AUTO PARTS 6292	18.00	GREASE REMOVER	02/03/2023	8700	-
7450	933	000000	194	ADVANCE AUTO PARTS 6292	38.97	WIPER BLADES-#3	02/10/2023	8700	-
7450	933	000000	194	ADVANCE AUTO PARTS 6292	55.97	WIPER BLADES-#10	02/16/2023	8700	-
7450	624	000000	194	ADVANCE AUTO PARTS 6292	19.99	WRENCH-TOWER 2	02/22/2023	8700	-
7450	624	000000	194	ADVANCE AUTO PARTS 6292	6.29	CARB CLEANER-TOWER 2 GENERATOR	02/23/2023	8700	-
7430	925	000000	439	AMERICAN PUBLIC POWER AS	489.37	Safety: APPA safety manual update preorder	02/07/2023	5250	-
7430	593	000000	422	AMZN MKTP US	-27.91	RETURNED ITEM	02/20/2023	4100	-
7430	593	000000	422	AMZN MKTP US 0H0X418P3	27.91	RETURNED ITEM	02/13/2023	4100	-
7460	833	000000	422	AMZN MKTP US 4C9Z300A3	65.00	RUBBER SQUEEGEE-DAFT FLIGHT SCRAPER	02/01/2023	8200	-
7460	828	000000	422	AMZN MKTP US SI8UL8YT3	134.00	DRAWER GUIDES-CAMERA TRUCK	02/06/2023	8200	-
7460	834	000000	422	AMZN MKTP US WE1M97BA3	219.96	LED LIGHT BULBS	02/03/2023	8200	-
7450	921	000000	810	APPLE.COM/BILL	0.99	STaaS - Apple - Employee Mobile Device - KThompson	02/09/2023	5250	-
7430	921	000000	894	APPLE.COM/US	57.44	iPad Accessories - SStatz	02/09/2023	5250	-
7450	921	000000	894	APPLE.COM/US	20.89	iPad Accessories - SStatz	02/09/2023	5250	-
7460	851	000000	894	APPLE.COM/US	26.12	iPad Accessories - SStatz	02/09/2023	5250	-
7430	926	000000	894	ARBY'S 9058	16.97	MEAL-SCHOOL-JEFFERSON	02/06/2023	6840	-
7430	933	000000	894	BP#1926526PLANEVIEW TRAV	24.77	EXHAUST FLUID-TRK #2-TO GREEN BAY	02/21/2023	6820	-
7430	921	000000	604	CDW GOVT #GN84006	6,652.25	Web Application Firewall hardware replacement w/ 3-yr prepaid subscription	02/06/2023	5250	-
7450	921	000000	604	CDW GOVT #GN84006	2,419.00	Web Application Firewall hardware replacement w/ 3-yr prepaid subscription	02/06/2023	5250	-
7460	851	000000	604	CDW GOVT #GN84006	3,023.75	Web Application Firewall hardware replacement w/ 3-yr prepaid subscription	02/06/2023	5250	-
7430	921	000000	604	CDW GOVT #GW67321	27.91	Employee keyboard, mouse combination	02/21/2023	5250	-
7450	921	000000	604	CDW GOVT #GW67321	10.15	Employee keyboard, mouse combination	02/21/2023	5250	-
7460	851	000000	604	CDW GOVT #GW67321	12.70	Employee keyboard, mouse combination	02/21/2023	5250	-
7430	921	000000	604	CDW GOVT #ZR00322432	515.98	Software Licensing - Annual - Cisco Unity and CallManager	02/01/2023	5250	-
7450	921	000000	604	CDW GOVT #ZR00322432	187.63	Software Licensing - Annual - Cisco Unity and CallManager	02/01/2023	5250	-
7460	851	000000	604	CDW GOVT #ZR00322432	234.55	Software Licensing - Annual - Cisco Unity and CallManager	02/01/2023	5250	-
7430	926	000000	894	CHICK-FIL-A #04644	15.02	MEAL-SCHOOL-KURTZWEIL	02/01/2023	6820	-
7430	926	000000	809	CINTAS CORP	23.93	BUILDING SUPPLIES	02/13/2023	1025	-
7450	926	000000	809	CINTAS CORP	32.82	BUILDING SUPPLIES/UNIFORMS	02/13/2023	1025	-
7460	854	000000	809	CINTAS CORP	26.96	BUILDING SUPPLIES/UNIFORMS	02/13/2023	1025	-
7430	926	000000	809	CINTAS CORP	21.22	BUILDING SUPPLIES	02/20/2023	1025	-
7450	926	000000	809	CINTAS CORP	31.84	BUILDING SUPPLIES/UNIFORMS	02/20/2023	1025	-
7460	854	000000	809	CINTAS CORP	25.72	BUILDING SUPPLIES/UNIFORMS	02/20/2023	1025	-
7430	926	000000	809	CINTAS CORP	15.71	BUILDING SUPPLIES	02/27/2023	1025	-
7450	926	000000	809	CINTAS CORP	29.83	BUILDING SUPPLIES/UNIFORMS	02/27/2023	1025	-
7460	854	000000	809	CINTAS CORP	23.23	BUILDING SUPPLIES/UNIFORM	02/27/2023	1025	-
7430	926	000000	809	CINTAS CORP	21.22	BUILDING SUPPLIES	02/06/2023	1025	-
7450	926	000000	809	CINTAS CORP	31.84	BUILDING SUPPLIES/UNIFORMS	02/06/2023	1025	-
7460	854	000000	809	CINTAS CORP	25.72	BUILDING SUPPLIES/UNIFORMS	02/06/2023	1025	-

Date: Tuesday, March 07, 2023

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# Stoughton Utilities Posting Preview Report

Select By: {PSSPurchCard.RefNbr} = '0000000153'

Company	Account	Sub	Vendor ID	Merchant	Amount	Description	Post Date	Emp ID	Projec
7430	921	000000	994	CKO WWW.ISTOCKPHOTO.COM	66.73	Stock photography account funds refill	02/02/2023	3680	-
7450	921	000000	994	CKO WWW.ISTOCKPHOTO.COM	24.26	Stock photography account funds refill	02/02/2023	3680	-
7460	851	000000	994	CKO WWW.ISTOCKPHOTO.COM	30.34	Stock photography account funds refill	02/02/2023	3680	-
7430	921	000000	177	CLOUDFLARE	13.75	Server DNS Failover - Subscription and Origins - Monthly	02/02/2023	5250	-
7450	921	000000	177	CLOUDFLARE	5.00	Server DNS Failover - Subscription and Origins - Monthly	02/02/2023	5250	-
7460	851	000000	177	CLOUDFLARE	6.25	Server DNS Failover - Subscription and Origins - Monthly	02/02/2023	5250	-
7430	926	000000	894	CMSVEND BE'S VENDING	1.35	SNACK-KURTZWEIL-TO BE REIMBURSED	02/01/2023	6820	-
7430	926	000000	894	CMSVEND BE'S VENDING	1.60	SNACK-KURTZWEIL-TO BE REIMBURSED	02/01/2023	6820	-
7450	664	000000	816	CORE & MAIN - WI007	3,200.00	BACKFLOW PREVENTERS-CROSS CONNECTION	02/02/2023	4100	-
7430	232	001099	134	CRESCENT ELECTRIC 017	1,147.50	ELECTRIC INVENTORY	02/03/2023	4100	-
7430	232	001099	134	CRESCENT ELECTRIC 017	1,147.50	ELECTRIC INVENTORY	02/06/2023	4100	-
7430	232	001099	134	CRESCENT ELECTRIC 017	1,023.00	ELECTRIC INVENTORY	02/28/2023	4100	-
7430	143	000001	272	CRESTLINE	-699.56	Credit - Shipping and Handling - Originally booked to WPPI reimbursed - BYur	02/21/2023	5250	-
7430	143	000000	272	CRESTLINE	-300.95	Credit - Sales Tax - Originally booked Dec 2021.	02/21/2023	5250	-
7430	143	000001	272	CRESTLINE	-664.05	Credit - Sales Tax. Credit originally booked to WPPI Reimbursed	02/20/2023	3680	-
7430	930	000000	894	DELTA AIR BAGGAGE FEE	30.00	Training - BHoops - Transportation Misc - APPA Legislative Rally	02/28/2023	5250	-
7430	921	000000	757	DIGICERT INC	376.97	SSL certificate - Annual - Cisco CallManager	02/01/2023	5250	-
7450	921	000000	757	DIGICERT INC	137.08	SSL certificate - Annual - Cisco CallManager	02/01/2023	5250	-
7460	851	000000	757	DIGICERT INC	171.35	SSL certificate - Annual - Cisco CallManager	02/01/2023	5250	-
7430	921	000000	757	DIGICERT INC	376.97	SSL certificate - Annual - Cisco Unity	02/01/2023	5250	-
7450	921	000000	757	DIGICERT INC	137.08	SSL certificate - Annual - Cisco Unity	02/01/2023	5250	-
7460	851	000000	757	DIGICERT INC	171.35	SSL certificate - Annual - Cisco Unity	02/01/2023	5250	-
7430	926	000000	754	EXXONMOBIL 97671200	5.29	DRINK-TO BE REIMBURSED	02/01/2023	6820	-
7460	833	000000	148	FASTENAL COMPANY 01WISTG	82.80	HARDWARE-DAFT SCRAPER PROJECT	02/08/2023	8200	-
7460	833	000000	148	FASTENAL COMPANY 01WISTG	41.30	DRILL BITS-DAFT SCRAPER PROJECT	02/14/2023	8200	-
7460	833	000000	236	GRAINGER	804.40	BEARING/IMPELLER-SLUDGE HEAT EXCHANGER PARTS	02/14/2023	8200	-
7430	932	000000	322	IN SUNDANCE BIOCLEAN, IN	379.50	Cleaning - SU Admin building - January	02/13/2023	5250	-
7450	932	000000	322	IN SUNDANCE BIOCLEAN, IN	138.00	Cleaning - SU Admin building - January	02/13/2023	5250	-
7460	834	000000	322	IN SUNDANCE BIOCLEAN, IN	172.50	Cleaning - SU Admin building - January	02/13/2023	5250	-
7430	593	000000	994	J HARLEN CO INC	22.68	REPLACEMENT BLADE-ADLER	02/07/2023	6860	-
7430	926	000000	894	KALAHARI RESORT - WI	-17.03	SALES TAX CREDIT-ADLER	02/06/2023	6860	-
7430	926	000000	894	KWIK TRIP 82700008276	3.37	DRINK-KURTZWEIL-TO BE REIMBURSED	02/03/2023	6820	-
7430	926	000000	894	LEAPS AND BOUNDS CAFE	7.91	COFFEE-SCHOOL-KURTZWEIL	02/03/2023	6820	-
7430	926	000000	894	LEAPS AND BOUNDS CAFE	7.91	COFFEE-SCHOOL-KURTZWEIL	02/06/2023	6820	-
7460	834	000000	122	LOCKS AND UNLOCKS	127.50	REPAIR FRONT DOOR-WWTP	02/14/2023	8200	-
7430	926	000000	894	LODGE KOHLER HTL AND SPA	552.10	LODGING-SCHOOL-KURTZWEIL	02/06/2023	6820	-
7430	926	000000	894	LODGE KOHLER HTL AND SPA	-111.15	LODGING-SCHOOL-KURTZWEIL	02/22/2023	6820	-
7460	831	000000	994	MACQUEEN EQUIPMENT GROUP	668.09	PARTS-JET-VAC/SUCTION HOSE/FLANGE	02/17/2023	8200	-
7430	926	000000	894	MARGARITAS	21.88	DRINKS-KURTZWEIL-TO BE REIMBURSED	02/01/2023	6820	-
7430	926	000000	894	MCDONALD'S F10796	9.27	MEAL-SCHOOL-KURTZWEIL	02/02/2023	6820	-
7430	930	000000	894	METRO FARE AUTOLOAD	20.00	Training - BHoops - Transportation Misc - APPA Legislative Rally	02/27/2023	5250	-
7430	921	000000	836	MICROSOFT#G019512831	70.43	STaaS - Azure - Cold Backup Storage	02/13/2023	5250	-
7450	921	000000	836	MICROSOFT#G019512831	25.61	STaaS - Azure - Cold Backup Storage	02/13/2023	5250	-
7460	851	000000	836	MICROSOFT#G019512831	32.03	STaaS - Azure - Cold Backup Storage	02/13/2023	5250	-

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Select By: {PSSPurchCard.RefNbr} = '0000000153'

Company	Account	Sub	Vendor ID	Merchant	Amount	Description	Post Date	Emp ID	Projec
7430	921	000000	836	MSFT E0400LV6M7	33.00	SaaS - o365 - Project Desktop Tier 3	02/03/2023	5250	-
7450	921	000000	836	MSFT E0400LV6M7	12.00	SaaS - o365 - Project Desktop Tier 3	02/03/2023	5250	-
7460	851	000000	836	MSFT E0400LV6M7	15.00	SaaS - o365 - Project Desktop Tier 3	02/03/2023	5250	-
7430	921	000000	836	MSFT E0400LVFHE	33.00	SaaS - o365 - Visio Desktop Tier 2	02/03/2023	5250	-
7450	921	000000	836	MSFT E0400LVFHE	12.00	SaaS - o365 - Visio Desktop Tier 2	02/03/2023	5250	-
7460	851	000000	836	MSFT E0400LVFHE	15.00	SaaS - o365 - Visio Desktop Tier 2	02/03/2023	5250	-
7430	921	000000	836	MSFT E0400LVO5C	18.15	SaaS - o365 - Microsoft 365 Apps for Business	02/03/2023	5250	-
7450	921	000000	836	MSFT E0400LVO5C	6.60	SaaS - o365 - Microsoft 365 Apps for Business	02/03/2023	5250	-
7460	851	000000	836	MSFT E0400LVO5C	8.25	SaaS - o365 - Microsoft 365 Apps for Business	02/03/2023	5250	-
7430	921	000000	836	MSFT E0400LW6KN	11.00	SaaS - o365 - Project Online Tier 1	02/06/2023	5250	-
7450	921	000000	836	MSFT E0400LW6KN	4.00	SaaS - o365 - Project Online Tier 1	02/06/2023	5250	-
7460	851	000000	836	MSFT E0400LW6KN	5.00	SaaS - o365 - Project Online Tier 1	02/06/2023	5250	-
7430	930	000000	089	MUNICIPAL ELECTRIC UTILIT	450.00	Training - Registration - MEUW Watt-Hour Meter Institute	02/13/2023	3650	-
7460	833	000000	830	NCL OF WISCONSIN INC	844.40	DO METER-AERATION TANK	02/20/2023	8710	-
7460	833	000000	830	NCL OF WISCONSIN INC	264.85	LAB SUPPLIES	02/20/2023	8710	-
7460	833	000000	974	NORTHERN LAKE SERVICE- IN	385.00	QUARTERLY TESTING	02/14/2023	8710	-
7430	903	000000	419	PAYFLOW/PAYPAL	112.31	Credit card processing - Desktop and Recurring	02/03/2023	5250	-
7450	903	000000	419	PAYFLOW/PAYPAL	16.04	Credit card processing - Desktop and Recurring	02/03/2023	5250	-
7460	840	000000	419	PAYFLOW/PAYPAL	24.06	Credit card processing - Desktop and Recurring	02/03/2023	5250	-
7430	233	001099	419	PAYFLOW/PAYPAL	8.04	Credit card processing - Desktop and Recurring	02/03/2023	5250	-
7430	903	000000	419	PAYFLOW/PAYPAL	102.30	Credit card processing - MyAccount Online	02/03/2023	5250	-
7450	903	000000	419	PAYFLOW/PAYPAL	14.61	Credit card processing - MyAccount Online	02/03/2023	5250	-
7460	840	000000	419	PAYFLOW/PAYPAL	21.92	Credit card processing - MyAccount Online	02/03/2023	5250	-
7430	233	001099	419	PAYFLOW/PAYPAL	7.32	Credit card processing - MyAccount Online	02/03/2023	5250	-
7430	932	000000	262	PICK N SAVE #390	17.40	TOILET PAPER	02/17/2023	6820	-
7430	926	000000	894	RED ROBIN NO 620	17.71	MEAL-SCHOOL-JEFFERSON	02/02/2023	6840	-
7430	926	000000	894	RED ROBIN NO 620	27.97	MEAL-SCHOOL-KURTZWEL	02/02/2023	6820	-
7430	593	000000	296	SP J.L. MATTHEWS CO.	165.01	TOOL BUCKET	02/23/2023	6930	-
7430	593	000000	903	SP RED TOOL STORE	166.68	SOCKET ADAPTER	02/23/2023	6930	-
7430	593	000000	903	SP RED TOOL STORE	-8.69	SALES TAX REIMBURSE	02/27/2023	6930	-
7430	926	000000	894	SPRINGHILL SUITES GREE	417.39	LODGING-SCHOOL-JEFFERSON	02/06/2023	6840	-
7430	921	000000	352	STAPLS7373191455000001	89.99	General office supplies	02/09/2023	3680	-
7450	921	000000	352	STAPLS7373191455000001	32.39	General office supplies	02/09/2023	3680	-
7460	851	000000	352	STAPLS7373191455000001	43.19	General office supplies	02/09/2023	3680	-
7430	233	001099	352	STAPLS7373191455000001	14.41	General office supplies	02/09/2023	3680	-
7430	921	000000	352	STAPLS7373191455000002	687.27	Wall bulletin boards - SAdler - x3	02/13/2023	3680	-
7430	921	000000	352	STAPLS7373191455002001	222.49	Wall bulletin boards - SAdler - x1	02/27/2023	3680	-
7450	626	000000	436	STOUGHTON LUMBER CO	16.98	HARDWARE-MOUNTING TOOL RACK	02/17/2023	8700	-
7430	593	000000	436	STOUGHTON LUMBER CO	3.99	CAP PVC	02/09/2023	6880	-
7430	934	000000	436	STOUGHTON LUMBER CO	45.98	CHAINSAW SUPPLIES	02/10/2023	6880	-
7430	593	000000	436	STOUGHTON LUMBER CO	9.99	SMALL PARTS BIN	02/23/2023	6930	-
7450	626	000000	436	STOUGHTON LUMBER CO	18.58	MISC SUPPLIES	02/28/2023	8700	-
7430	594	000000	355	STUART C IRBY	160.00	LAG SCREW	02/01/2023	4100	-
7430	232	001099	355	STUART C IRBY	39,510.00	ELECTRIC INVENTORY	02/07/2023	4100	-

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Select By: {PSSPurchCard.RefNbr} = '0000000153'

Company	Account	Sub	Vendor ID	Merchant	Amount	Description	Post Date	Emp ID	Projec
7430	921	000000	355	STUART C IRBY	208.00	PRINTER RIBBON	02/14/2023	4100	-
7430	921	000000	355	STUART C IRBY	37.11	PRINTER RIBBON-SHIPPING	02/16/2023	4100	-
7430	593	000000	355	STUART C IRBY	376.00	BUG WRENCH	02/24/2023	4100	-
7430	593	000000	355	STUART C IRBY	159.00	TOOLS-NEW BUCKET TRUCK	02/08/2023	4100	-
7430	593	000000	355	STUART C IRBY	44.95	TOOLS-NEW BUCKET TRUCK	02/08/2023	4100	-
7430	593	000000	355	STUART C IRBY	530.00	TOOLS	02/08/2023	4100	-
7430	593	000000	355	STUART C IRBY	42.00	TOOLS-NEW BUCKET TRUCK	02/09/2023	4100	-
7430	232	001099	355	STUART C IRBY	5,211.00	ELECTRIC INVENTORY	02/09/2023	4100	-
7430	593	000000	355	STUART C IRBY	4,095.00	CONNECTORS/PARALLEL CLAMPS	02/10/2023	4100	-
7430	593	000000	355	STUART C IRBY	18.06	BUG WRENCH-SHIPPING	02/28/2023	4100	-
7430	593	000000	355	STUART C. IRBY COMPANY	754.95	TOOLS-NEW BUCKET TRUCK	02/08/2023	4100	-
7460	851	000000	164	THE UPS STORE 3617	143.64	SHIPPING CHARGES-WET TESTING	02/24/2023	8740	-
7430	593	000000	994	TRACTOR SUPPLY #2236	14.76	PLUG	02/07/2023	6930	-
7430	933	000000	994	TRACTOR SUPPLY #2236	22.56	VEHICLE WASH SUPPLIES	02/08/2023	6820	-
7430	593	000000	994	TRACTOR SUPPLY #2236	33.54	CHAIN	02/27/2023	6840	-
7450	624	000000	994	TRACTOR SUPPLY #2236	33.98	ANTIFREEZE-TOWER 2 GENERATOR	02/24/2023	8700	-
7430	933	000000	994	TRACTOR SUPPLY #2236	62.47	PROPANE-FORKLIFT	02/07/2023	8700	-
7430	926	000000	894	TST STADIUM VIEW	30.15	MEAL-SCHOOL-KURTZWEIL	02/03/2023	6820	-
7430	926	000000	894	TST STADIUM VIEW	20.81	MEAL-SCHOOL-KURTZWEIL	02/01/2023	6820	-
7430	926	000000	894	TST STADIUM VIEW	22.92	MEAL-SCHOOL-JEFFERSON	02/03/2023	6840	-
7430	926	000000	894	TST STADIUM VIEW	20.87	MEAL-SCHOOL-JEFFERSON	02/01/2023	6840	-
7430	926	000000	894	TST THE NIGHT OWL FOOD &	96.31	SAFETY SCHOOL-LUNCH	02/17/2023	6840	-
7430	926	000000	701	TYNDALE COMPANY INC	50.00	FR CLOTHING-MASON	02/09/2023	1025	-
7460	833	000000	739	U.S. SAWS	948.88	MANHOLE LID REMOVER	02/20/2023	8200	-
7450	642	000000	824	UPS 1Z17Y6230393334630	13.48	SHIP SAMPLES	02/16/2023	7400	-
7450	642	000000	824	UPS 1Z17Y6230396189837	13.45	SHIP SAMPLES	02/24/2023	7400	-
7450	642	000000	824	UPS 1Z17Y6230397780025	13.51	SHIP SAMPLES	02/09/2023	7400	-
7450	642	000000	824	UPS 1Z17Y6230398533013	13.51	SHIP SAMPLES	02/02/2023	7400	-
7450	652	000000	571	USA BLUE BOOK	1,156.95	CHEMICAL ADDITION SUPPLIES	02/07/2023	8700	-
7450	652	000000	571	USA BLUE BOOK	144.58	SUCTION VALVE ASSEMBLY	02/07/2023	8700	-
7450	642	000000	675	WI STATE HYGIENE LAB	28.00	FLUORIDE ANALYSIS	02/03/2023	7400	-
7460	833	000000	883	WIEDENBECK INC	1,227.19	DAFT SCRAPPER PARTS	02/08/2023	8200	-
7450	920	000000	537	WISCONSIN WASTEWATER OPER	198.00	2023 OPERATOR EXPO-GUNSOLUS	02/01/2023	8400	-
7450	920	000000	537	WISCONSIN WASTEWATER OPER	99.00	2023 OPERATOR EXPO-HUDSON	02/01/2023	8700	-
7430	593	000000	586	WWW.MULEBOARDS.COM	52.50	MULTI-LOOP DRILL HANGER	02/23/2023	6930	-
7430	143	000000	155	ZOHO CORPORATION	-73.21	Sales Tax Credit - Booked to January CCER.	02/07/2023	5250	-

**Total: 84,277.03**

# Stoughton Utilities

## Financial Summary

December 2022 YTD

### **Overall Summary:**

December YTD 2022 operating income was \$3,947,028, down \$56,358 from 2021. Electric saw a decrease of \$1,886,877 due to a decrease in contributed income from the TDS project. Wastewater and water saw increases of \$734,073 and \$1,096,446 respectively. *This report does not include an adjusting GASB 68 (pensions) entry that will be booked by the auditors for FY 2022.*

### **Electric Summary:**

December 2022 YTD operating revenues were up \$1,013,550, or 6.5%, higher than 2021. Kilowatt-hour sales were up 4.4% from December 2021 YTD, and up 16.8% from November 2022. The increase in revenue is due to an increase in sales. Purchase power costs increased \$928,691, or 8.2%, from the same time last year. Non-power operating expenses were up \$70,249 from the prior year due to an increase in overhead and underground line maintenance.

The December 2022 rate of return was 6.57%, compared to 6.17% for December YTD 2021. Unrestricted cash balances are \$5.6 million (4.1 months of sales).

### **Water Summary:**

December 2022 YTD operating revenues were up \$141,984, or 6.0%, from 2021. Total gallons sold were down 20.5% from December 2021 YTD, and down 6.0% from November 2022. The increase in revenue is due to the rate increase effective March 2022.

Operating expenses were up \$106,898, or 5.3%, compared to the same time last year.

The December 2022 rate of return was 4.8%, compared to 4.61% for YTD 2021. Unrestricted cash balances are \$1.4 million (7.1 months of sales).

### **Wastewater Summary:**

December 2022 YTD operating revenues were down \$60,270, or -2.7%, from the same time in 2021. Total gallons sold were down 8.4% from December 2021 YTD, and down 6.3% from November 2022.

Operating expenses were up \$145,937, or 7.8%, from 2021. The increase is due to plant maintenance, sludge hauling and depreciation.

Unrestricted cash balances were \$1 million (6.2 months of sales).

Submitted by:  
Shannon Statz

**STOUGHTON UTILITIES**

Balance Sheets

As of December 31, 2022

	<u>Electric</u>	<u>Water</u>	<u>Wastewater</u>	<u>Combined</u>
<b>Assets</b>				
Cash & Investments	\$ 8,024,458	\$ 2,781,518	\$ 2,684,782	\$ 13,490,758
Customer A/R	1,610,376	248,716	227,673	2,086,765
Other A/R	340,204	23,068	7,550	370,822
Other Assets	1,904,025	372,110	279,299	2,555,434
Plant in Service	32,156,582	19,080,532	33,671,171	84,908,285
Accumulated Depreciation	(16,743,191)	(6,464,299)	(14,370,324)	(37,577,814)
Plant in Service - CIAC	6,445,174	9,485,000	-	15,930,174
Accumulated Depreciation-CIAC	(2,338,797)	(2,775,232)	-	(5,114,029)
Construction Work in Progress	448,520	251,863	632,416	1,332,799
GASB 68 Deferred Outflow	1,341,487	476,107	522,795	2,340,389
<b>Total Assets</b>	<u>\$ 33,188,838</u>	<u>\$ 23,479,383</u>	<u>\$ 23,655,362</u>	<u>\$ 80,323,583</u>
<b>Liabilities + Net Assets</b>				
Accounts Payable	\$ 1,043,740	\$ 34,112	\$ 54,805	\$ 1,132,657
Payable to City of Stoughton	493,477	442,385	80,146	1,016,008
Interest Accrued	15,292	16,666	11,912	43,870
Other Liabilities	1,290,572	143,813	124,234	1,558,619
Long-Term Debt	2,436,671	4,372,766	2,897,365	9,706,802
Net Assets	26,443,538	17,771,287	19,813,178	64,028,003
GASB 68 Deferred Inflow	1,465,548	698,354	673,723	2,837,625
<b>Total Liabilities + Net Assets</b>	<u>\$ 33,188,838</u>	<u>\$ 23,479,383</u>	<u>\$ 23,655,363</u>	<u>\$ 80,323,584</u>



**STOUGHTON UTILITIES**

Year-to-Date Combined Income Statement

December 31, 2022

	<b>Electric</b>	<b>Water</b>	<b>Wastewater</b>	<b>Total</b>
<i>Operating Revenue:</i>				
Sales	\$ 16,360,033	\$ 2,469,280	\$ 2,098,096	\$ 20,927,409
Other	198,551	57,335	35,524	291,410
<i>Total Operating Revenue:</i>	<b>\$ 16,558,584</b>	<b>\$ 2,526,615</b>	<b>\$ 2,133,620</b>	<b>\$ 21,218,819</b>
<i>Operating Expense:</i>				
Purchased Power	12,254,384	-	-	12,254,384
Expenses (Including Taxes)	1,850,030	1,224,364	1,238,222	4,312,616
PILOT	380,252	376,315	-	756,567
Depreciation	1,309,313	505,315	772,166	2,586,794
<i>Total Operating Expense:</i>	<b>\$ 15,793,979</b>	<b>\$ 2,105,994</b>	<b>\$ 2,010,388</b>	<b>\$ 19,910,361</b>
<i>Operating Income</i>	<b>\$ 764,605</b>	<b>\$ 420,621</b>	<b>\$ 123,232</b>	<b>\$ 1,308,458</b>
Non-Operating Income	486,441	1,469,334	1,115,080	3,070,855
Non-Operating Expense	(93,394)	(232,204)	(106,687)	(432,285)
<i>Net Income</i>	<b>\$ 1,157,652</b>	<b>\$ 1,657,751</b>	<b>\$ 1,131,625</b>	<b>\$ 3,947,028</b>

**STOUGHTON UTILITIES**

Year-to-Date Combined Income Statement

December 31, 2021

	<b>Electric</b>	<b>Water</b>	<b>Wastewater</b>	<b>Total</b>
<i>Operating Revenue:</i>				
Sales	\$ 15,413,796	\$ 2,344,035	\$ 2,158,916	\$ 19,916,747
Other	131,238	40,596	34,974	206,808
<i>Total Operating Revenue:</i>	<b>\$ 15,545,034</b>	<b>\$ 2,384,631</b>	<b>\$ 2,193,890</b>	<b>\$ 20,123,555</b>
<i>Operating Expense:</i>				
Purchased Power	11,325,693	-	-	11,325,693
Expenses (Including Taxes)	1,778,397	1,089,742	1,090,433	3,958,572
PILOT	438,027	412,040	-	850,067
Depreciation	1,252,922	497,314	774,018	2,524,254
<i>Total Operating Expense:</i>	<b>\$ 14,795,039</b>	<b>\$ 1,999,096</b>	<b>\$ 1,864,451</b>	<b>\$ 18,658,586</b>
<i>Operating Income</i>	<b>\$ 749,995</b>	<b>\$ 385,535</b>	<b>\$ 329,439</b>	<b>\$ 1,464,969</b>
Non-Operating Income	2,466,235	242,601	157,627	2,866,463
Non-Operating Expense	(171,701)	(66,831)	(89,514)	(328,046)
<i>Net Income</i>	<b>\$ 3,044,529</b>	<b>\$ 561,305</b>	<b>\$ 397,552</b>	<b>\$ 4,003,386</b>

**STOUGHTON UTILITIES**  
Cash and Investments Summary  
As of December 31, 2022

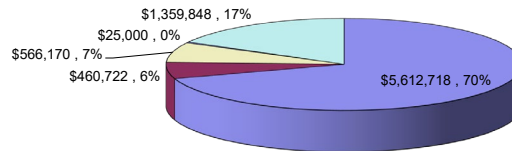
**Electric**

**Dec-22**

Unrestricted (4.1 months sales)	\$	5,612,718
Bond Reserve	\$	460,722
Redemption Fund (P&I)	\$	566,170
Depreciation	\$	25,000
Designated	\$	1,359,848
<b>Total</b>	<b>\$</b>	<b>8,024,458</b>

**Electric Cash - December 2022**

■ Unrestricted (4.1 months sales) ■ Bond Reserve ■ Redemption Fund (P&I) ■ Depreciation ■ Designated



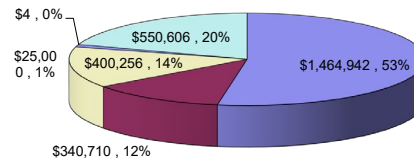
**Water**

**Dec-22**

Unrestricted (7.1 months sales)	\$	1,464,942
Bond Reserve	\$	340,710
Redemption Fund (P&I)	\$	400,256
Depreciation	\$	25,000
Construction	\$	4
Designated	\$	550,606
<b>Total</b>	<b>\$</b>	<b>2,781,518</b>

**Water Cash - December 2022**

■ Unrestricted (7.1 months sales) ■ Bond Reserve ■ Redemption Fund (P&I) ■ Depreciation ■ Construction ■ Designated



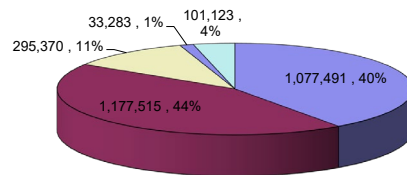
**Wastewater**

**Dec-22**

Unrestricted (6.2 months sales)	1,077,491
DNR Replacement	1,177,515
Redemption Fund (P&I)	295,370
Depreciation	33,283
Designated	101,123
<b>Total</b>	<b>2,684,782</b>

**Wastewater Cash - December 2022**

■ Unrestricted (6.2 months sales) ■ DNR Replacement ■ Redemption Fund (P&I) ■ Depreciation ■ Designated



**STOUGHTON UTILITIES**

## Rate of Return

Year-to-Date December 31, 2022

	<b>Electric</b>	<b>Water</b>
Operating Income (Regulatory)	\$ 990,834	\$ 569,446
Average Utility Plant in Service	31,244,325	18,125,848
Average Accumulated Depreciation	(16,207,697)	(6,258,141)
Average Materials and Supplies	640,344	59,261
Average Regulatory Liability	(33,244)	(51,346)
Average Customer Advances	(572,949)	-
Average Net Rate Base	\$ 15,070,779	\$ 11,875,622
December 2022 Rate of Return	<b>6.57%</b>	<b>4.80%</b>
December 2021 Rate of Return	<b>6.17%</b>	<b>4.61%</b>
December 2021 Rate of Return	<b>6.17%</b>	<b>4.61%</b>
Authorized Rate of Return	<b>4.90%</b>	<b>5.00%</b>

# Stoughton Utilities

## Financial Summary

### January 2023 YTD

#### **Overall Summary:**

January 2023 operating income was \$292,520, down \$871,871 from 2022, due to a decrease in contributed plant. Electric saw an income increase of \$212,544, where water and wastewater saw decreases of \$680,089 and \$404,326 respectively, again due to a reduction in contributed plant from January 2022.

#### **Electric Summary:**

January 2023 YTD operating revenues were up \$46,704, or 3.4%, higher than 2022. Kilowatt-hour sales were down 10.8% from January 2022 YTD, and down 9.2% from December 2022. Purchase power costs increased by \$58,281, or 6.0%, from the same time last year. Non-power operating expenses were down \$19,695 from the prior year due to a decrease in outside services.

The January 2023 rate of return was 0.79%, compared to 0.75% for January YTD 2022. Unrestricted cash balances are \$4.5 million (3.4 months of sales).

#### **Water Summary:**

January 2023 YTD operating revenues were up \$14,443, or 7.6%, from 2022. Total gallons sold were down 5.8% from January 2022 YTD, and down 1.1% from December 2022. Revenues were up due to the rate increase in 2022.

Operating expenses were down \$15,646, or -10.8%, compared to the same time last year.

The January 2023 rate of return was 0.61%, compared to 0.42% for YTD 2022. Unrestricted cash balances are \$1.5 million (7.9 months of sales).

#### **Wastewater Summary:**

January 2023 YTD operating revenues were up \$6,547, or 3.9%, from the same time in 2022. Total gallons sold were down 3.8% from January 2022 YTD, and down 5.2% from December 2022. Revenues were up due to the rate increase in 2022.

Operating expenses were down \$4,290, or -3.0%, from the same time in 2022.

Unrestricted cash balances were \$1 million (6.2 months of sales).

Submitted by:  
Shannon Statz

**STOUGHTON UTILITIES**

Balance Sheets

As of January 31, 2023

	<u>Electric</u>	<u>Water</u>	<u>Wastewater</u>	<u>Combined</u>
<b>Assets</b>				
Cash & Investments	\$ 6,715,075	\$ 2,547,793	\$ 2,722,318	\$ 11,985,186
Customer A/R	1,724,639	234,344	215,357	2,174,340
Other A/R	362,206	-	-	362,206
Other Assets	1,905,185	337,302	255,478	2,497,965
Plant in Service	32,205,112	19,100,662	33,681,334	84,987,108
Accumulated Depreciation	(16,838,442)	(6,495,900)	(14,447,820)	(37,782,162)
Plant in Service - CIAC	6,447,811	9,485,000	-	15,932,811
Accumulated Depreciation-CIAC	(2,338,797)	(2,775,232)	-	(5,114,029)
Construction Work in Progress	446,217	253,078	634,306	1,333,601
GASB 68 Deferred Outflow	1,341,487	476,107	522,795	2,340,389
<b>Total Assets</b>	<u>\$ 31,970,493</u>	<u>\$ 23,163,154</u>	<u>\$ 23,583,768</u>	<u>\$ 78,717,415</u>
<b>Liabilities + Net Assets</b>				
Accounts Payable	\$ 79,591	\$ 64,867	\$ 44,865	\$ 189,323
Payable to City of Stoughton	102,544	37,943	-	140,487
Interest Accrued	19,875	24,583	17,745	62,203
Other Liabilities	1,238,070	121,260	101,123	1,460,453
Long-Term Debt	2,436,671	4,372,766	2,897,365	9,706,802
Net Assets	26,628,194	17,843,381	19,848,947	64,320,522
GASB 68 Deferred Inflow	1,465,548	698,354	673,723	2,837,625
<b>Total Liabilities + Net Assets</b>	<u>\$ 31,970,493</u>	<u>\$ 23,163,154</u>	<u>\$ 23,583,768</u>	<u>\$ 78,717,415</u>

**STOUGHTON UTILITIES**

Year-to-Date Combined Income Statement

January 31, 2023

	<b>Electric</b>	<b>Water</b>	<b>Wastewater</b>	<b>Total</b>
<i>Operating Revenue:</i>				
Sales	\$ 1,364,195	\$ 198,858	\$ 173,045	\$ 1,736,098
Other	49,513	6,767	2,359	58,639
<i>Total Operating Revenue:</i>	<b>\$ 1,413,708</b>	<b>\$ 205,625</b>	<b>\$ 175,404</b>	<b>\$ 1,794,737</b>
<i>Operating Expense:</i>				
Purchased Power	1,034,940	-	-	1,034,940
Expenses (Including Taxes)	129,780	60,432	63,157	253,369
PILOT	39,583	37,500	-	77,083
Depreciation	88,105	31,201	77,496	196,802
<i>Total Operating Expense:</i>	<b>\$ 1,292,408</b>	<b>\$ 129,133</b>	<b>\$ 140,653</b>	<b>\$ 1,562,194</b>
<i>Operating Income</i>	<b>\$ 121,300</b>	<b>\$ 76,492</b>	<b>\$ 34,751</b>	<b>\$ 232,543</b>
Non-Operating Income	73,506	3,520	6,850	83,876
Non-Operating Expense	(10,149)	(7,917)	(5,833)	(23,899)
<i>Net Income</i>	<b>\$ 184,657</b>	<b>\$ 72,095</b>	<b>\$ 35,768</b>	<b>\$ 292,520</b>

**STOUGHTON UTILITIES**

Year-to-Date Combined Income Statement

January 31, 2022

	<b>Electric</b>	<b>Water</b>	<b>Wastewater</b>	<b>Total</b>
<i>Operating Revenue:</i>				
Sales	\$ 1,321,710	\$ 184,688	\$ 167,188	\$ 1,673,586
Other	45,294	6,494	1,669	53,457
<i>Total Operating Revenue:</i>	<b>\$ 1,367,004</b>	<b>\$ 191,182</b>	<b>\$ 168,857</b>	<b>\$ 1,727,043</b>
<i>Operating Expense:</i>				
Purchased Power	976,659	-	-	976,659
Expenses (Including Taxes)	136,413	66,884	69,943	273,240
PILOT	38,333	35,833	-	74,166
Depreciation	102,417	42,062	75,000	219,479
<i>Total Operating Expense:</i>	<b>\$ 1,253,822</b>	<b>\$ 144,779</b>	<b>\$ 144,943</b>	<b>\$ 1,543,544</b>
<i>Operating Income</i>	<b>\$ 113,182</b>	<b>\$ 46,403</b>	<b>\$ 23,914</b>	<b>\$ 183,499</b>
Non-Operating Income	(131,195)	713,282	422,847	1,004,934
Non-Operating Expense	(9,874)	(7,501)	(6,667)	(24,042)
<i>Net Income</i>	<b>\$ (27,887)</b>	<b>\$ 752,184</b>	<b>\$ 440,094</b>	<b>\$ 1,164,391</b>

**STOUGHTON UTILITIES**  
Cash and Investments Summary  
As of January 31, 2023

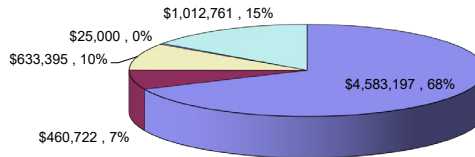
**Electric**

**Jan-23**

Unrestricted (3.4 months sales)	\$	4,583,197
Bond Reserve	\$	460,722
Redemption Fund (P&I)	\$	633,395
Depreciation	\$	25,000
Designated	\$	1,012,761
<b>Total</b>	<b>\$</b>	<b>6,715,075</b>

**Electric Cash - January 2023**

■ Unrestricted (3.4 months sales) ■ Bond Reserve ■ Redemption Fund (P&I) ■ Depreciation ■ Designated



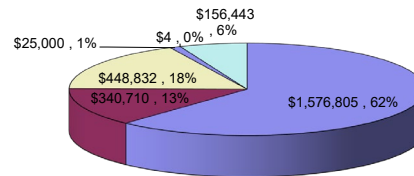
**Water**

**Jan-23**

Unrestricted (7.9 months sales)	\$	1,576,805
Bond Reserve	\$	340,710
Redemption Fund (P&I)	\$	448,832
Depreciation	\$	25,000
Construction	\$	4
Designated	\$	156,443
<b>Total</b>	<b>\$</b>	<b>2,547,794</b>

**Water Cash - January 2023**

■ Unrestricted (7.9 months sales) ■ Bond Reserve ■ Redemption Fund (P&I) ■ Depreciation ■ Construction ■ Designated



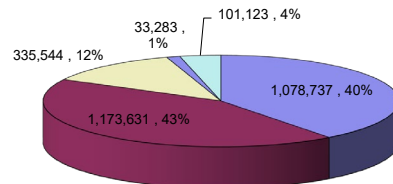
**Wastewater**

**Jan-23**

Unrestricted (6.2 months sales)		1,078,737
DNR Replacement		1,173,631
Redemption Fund (P&I)		335,544
Depreciation		33,283
Designated		101,123
<b>Total</b>		<b>2,722,318</b>

**Wastewater Cash - January 2023**

■ Unrestricted (6.2 months sales) ■ DNR Replacement ■ Redemption Fund (P&I) ■ Depreciation ■ Designated



**STOUGHTON UTILITIES**

Rate of Return

Year-to-Date January 31, 2023

	<b>Electric</b>	<b>Water</b>
Operating Income (Regulatory)	\$ 121,300	\$ 76,492
Average Utility Plant in Service	31,978,464	19,037,097
Average Accumulated Depreciation	(16,702,982)	(6,431,219)
Average Materials and Supplies	987,391	58,749
Average Regulatory Liability	(22,164)	(34,232)
Average Customer Advances	(915,995)	-
Average Net Rate Base	\$ 15,324,713	\$ 12,630,396
January 2023 Rate of Return	<b>0.79%</b>	<b>0.61%</b>
December 2022 Rate of Return	<b>6.57%</b>	<b>4.80%</b>
January 2022 Rate of Return	<b>0.75%</b>	<b>0.42%</b>
Authorized Rate of Return	<b>4.90%</b>	<b>5.00%</b>



# Stoughton Utilities

## Financial Summary

### February 2023 YTD

#### **Overall Summary:**

February YTD 2023 operating income was \$336,698, down \$1,339,297 from 2022. Electric, water and wastewater saw decreases of \$201,877, \$704,204 and \$433,206, respectively. The decreases are due to contributed plant received in January of 2022.

#### **Electric Summary:**

February 2023 YTD operating revenues were up \$16,645, or 0.7%, higher than 2022. Kilowatt-hour sales were down 7.7% from February 2022 YTD, and down 8.8% from January 2023. Purchase power costs increased by \$18,040, or 1.0%, from the same time last year. Non-power operating expenses were up \$40,278 from the prior year due to property insurance being paid earlier in the year, as well as overall cost increases.

The February 2023 rate of return was 0.96%, compared to 1.26% for February YTD 2022. Unrestricted cash balances are \$4.7 million (3.8 months of sales).

#### **Water Summary:**

February 2023 YTD operating revenues were up \$22,380, or 5.9%, from 2022. Total gallons sold were down 16.7% from February 2022 YTD, and down 7.5% from January 2023. The increase in revenues was due to our rate increase from 2022.

Operating expenses were up \$19,890, or 6.9%, compared to the same time last year.

The February 2023 rate of return was 0.76%, compared to 0.84% for YTD 2022. Unrestricted cash balances are \$1.6 million (8.5 months of sales).

#### **Wastewater Summary:**

February 2023 YTD operating revenues were up \$18,663, or 5.7%, from the same time in 2022. Total gallons sold were up 0.26% from February 2022 YTD, and down 3.9% from January 2023. The operating revenues were up due to our rate increase in 2022.

Operating expenses were up \$32,467, or 11.4%, from 2022. This cost increase is not attributable to one category, but rather overall cost increases.

Unrestricted cash balances were \$1.1 million (6.5 months of sales).

Submitted by:  
Shannon Statz

**STOUGHTON UTILITIES**

## Balance Sheets

As of February 28, 2023

	<u>Electric</u>	<u>Water</u>	<u>Wastewater</u>	<u>Combined</u>
<b>Assets</b>				
Cash & Investments	\$ 6,900,393	\$ 2,718,527	\$ 2,791,004	\$ 12,409,924
Customer A/R	1,478,811	242,746	239,212	1,960,769
Other A/R	324,560	-	-	324,560
Other Assets	1,992,465	248,933	194,121	2,435,519
Plant in Service	32,241,290	19,111,454	33,721,246	85,073,990
Accumulated Depreciation	(16,931,747)	(6,527,501)	(14,525,316)	(37,984,564)
Plant in Service - CIAC	6,447,811	9,485,000	-	15,932,811
Accumulated Depreciation-CIAC	(2,338,797)	(2,775,232)	-	(5,114,029)
Construction Work in Progress	501,210	254,073	640,634	1,395,917
GASB 68 Deferred Outflow	1,341,487	476,107	522,795	2,340,389
<b>Total Assets</b>	<u>\$ 31,957,483</u>	<u>\$ 23,234,107</u>	<u>\$ 23,583,696</u>	<u>\$ 78,775,286</u>
<b>Liabilities + Net Assets</b>				
Accounts Payable	\$ 8,462	\$ 64,867	\$ 44,863	\$ 118,192
Payable to City of Stoughton	141,718	75,000	-	216,718
Interest Accrued	24,458	32,500	23,578	80,536
Other Liabilities	1,218,327	131,260	101,123	1,450,710
Long-Term Debt	2,436,671	4,372,766	2,897,365	9,706,802
Net Assets	26,662,299	17,859,360	19,843,044	64,364,703
GASB 68 Deferred Inflow	1,465,548	698,354	673,723	2,837,625
<b>Total Liabilities + Net Assets</b>	<u>\$ 31,957,483</u>	<u>\$ 23,234,107</u>	<u>\$ 23,583,696</u>	<u>\$ 78,775,286</u>

**STOUGHTON UTILITIES**

Year-to-Date Combined Income Statement

February 28, 2023

	<b>Electric</b>	<b>Water</b>	<b>Wastewater</b>	<b>Total</b>
<i>Operating Revenue:</i>				
Sales	\$ 2,466,793	\$ 391,064	\$ 341,887	\$ 3,199,744
Other	89,741	13,620	4,666	108,027
<i>Total Operating Revenue:</i>	<b>\$ 2,556,534</b>	<b>\$ 404,684</b>	<b>\$ 346,553</b>	<b>\$ 3,307,771</b>
<i>Operating Expense:</i>				
Purchased Power	1,809,967	-	-	1,809,967
Expenses (Including Taxes)	344,364	170,844	162,389	677,597
PILOT	79,166	75,000	-	154,166
Depreciation	176,210	62,402	154,992	393,604
<i>Total Operating Expense:</i>	<b>\$ 2,409,707</b>	<b>\$ 308,246</b>	<b>\$ 317,381</b>	<b>\$ 3,035,334</b>
<i>Operating Income</i>	<b>\$ 146,827</b>	<b>\$ 96,438</b>	<b>\$ 29,172</b>	<b>\$ 272,437</b>
Non-Operating Income	86,674	7,469	12,359	106,502
Non-Operating Expense	(14,741)	(15,834)	(11,666)	(42,241)
<i>Net Income</i>	<b>\$ 218,760</b>	<b>\$ 88,073</b>	<b>\$ 29,865</b>	<b>\$ 336,698</b>

**STOUGHTON UTILITIES**

Year-to-Date Combined Income Statement

February 28, 2022

	<b>Electric</b>	<b>Water</b>	<b>Wastewater</b>	<b>Total</b>
<i>Operating Revenue:</i>				
Sales	\$ 2,481,080	\$ 369,160	\$ 324,553	\$ 3,174,793
Other	58,809	13,144	3,337	75,290
<i>Total Operating Revenue:</i>	<b>\$ 2,539,889</b>	<b>\$ 382,304</b>	<b>\$ 327,890</b>	<b>\$ 3,250,083</b>
<i>Operating Expense:</i>				
Purchased Power	1,791,927	-	-	1,791,927
Expenses (Including Taxes)	277,962	132,566	134,914	545,442
PILOT	76,666	71,666	-	148,332
Depreciation	204,834	84,124	150,000	438,958
<i>Total Operating Expense:</i>	<b>\$ 2,351,389</b>	<b>\$ 288,356</b>	<b>\$ 284,914</b>	<b>\$ 2,924,659</b>
<i>Operating Income</i>	<b>\$ 188,500</b>	<b>\$ 93,947</b>	<b>\$ 42,976</b>	<b>\$ 325,424</b>
Non-Operating Income	248,272	713,330	433,429	1,395,031
Non-Operating Expense	(16,125)	(15,001)	(13,334)	(44,460)
<i>Net Income</i>	<b>\$ 420,647</b>	<b>\$ 792,276</b>	<b>\$ 463,071</b>	<b>\$ 1,675,995</b>

**STOUGHTON UTILITIES**  
Cash and Investments Summary  
As of February 28, 2023

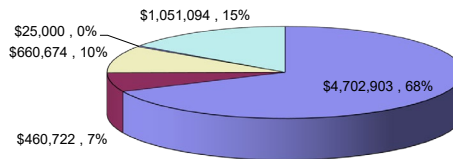
**Electric**

**Feb-23**

Unrestricted (3.8 months sales)	\$	4,702,903
Bond Reserve	\$	460,722
Redemption Fund (P&I)	\$	660,674
Depreciation	\$	25,000
Designated	\$	1,051,094
<b>Total</b>	<b>\$</b>	<b>6,900,393</b>

**Electric Cash - February 2023**

■ Unrestricted (3.8 months sales) ■ Bond Reserve ■ Redemption Fund (P&I) ■ Depreciation ■ Designated



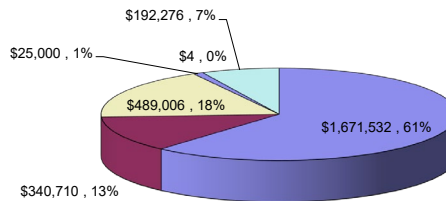
**Water**

**Feb-23**

Unrestricted (8.5 months sales)	\$	1,671,532
Bond Reserve	\$	340,710
Redemption Fund (P&I)	\$	489,006
Depreciation	\$	25,000
Construction	\$	4
Designated	\$	192,276
<b>Total</b>	<b>\$</b>	<b>2,718,528</b>

**Water Cash - February 2023**

■ Unrestricted (8.5 months sales) ■ Bond Reserve ■ Redemption Fund (P&I) ■ Depreciation ■ Construction ■ Designated



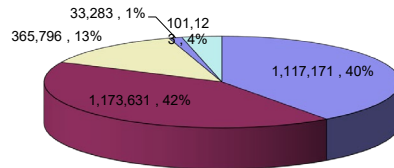
**Wastewater**

**Feb-23**

Unrestricted (6.5 months sales)	1,117,171
DNR Replacement	1,173,631
Redemption Fund (P&I)	365,796
Depreciation	33,283
Designated	101,123
<b>Total</b>	<b>2,791,004</b>

**Wastewater Cash - February 2023**

■ Unrestricted (6.5 months sales) ■ DNR Replacement  
■ Redemption Fund (P&I) ■ Depreciation  
■ Designated



**STOUGHTON UTILITIES**

Rate of Return

Year-to-Date February 28, 2023

	<u>Electric</u>	<u>Water</u>
Operating Income (Regulatory)	\$ 146,827	\$ 96,438
Average Utility Plant in Service	31,996,553	19,042,493
Average Accumulated Depreciation	(16,749,634)	(6,447,019)
Average Materials and Supplies	1,031,232	58,749
Average Regulatory Liability	(22,164)	(34,232)
Average Customer Advances	(917,003)	-
Average Net Rate Base	\$ 15,338,984	\$ 12,619,991
February 2023 Rate of Return	<b>0.96%</b>	<b>0.76%</b>
December 2022 Rate of Return	<b>6.57%</b>	<b>4.80%</b>
February 2022 Rate of Return	<b>1.26%</b>	<b>0.84%</b>
Authorized Rate of Return	<b>4.90%</b>	<b>5.00%</b>

# STOUGHTON UTILITIES

## 2023 Statistical Worksheet

Electric	Total Sales 2022 kWh	Total Purchased 2022 kWh	Peak Demand 2022 KW	Total Sales 2023 kWh	Total Purchased 2023 kWh	Peak Demand 2023 KW
January	12,604,215	13,090,652	22,855	11,238,094	12,022,050	21,321
February	11,111,183	11,372,253	21,873	10,247,629	10,704,714	21,105
March	11,073,665	11,342,879	19,841	10,791,760	11,293,484	19,080
April			-	-	-	-
May			-	-	-	-
June			-	-	-	-
July			-	-	-	-
August			-	-	-	-
September			-	-	-	-
October			-	-	-	-
November			-	-	-	-
December			-	-	-	-
<b>TOTAL</b>	<b>34,789,063</b>	<b>35,805,784</b>	<b>22,855</b>	<b>32,277,483</b>	<b>34,020,248</b>	<b>21,321</b>

Water	Total Sales 2022 Gallons	Total Pumped 2022 Gallons	Max Daily High 2022	Total Sales 2023 Gallons	Total Pumped 2023 Gallons	Max Daily Highs 2023
January	31,078,000	36,158,000	1,457,000	29,263,000	31,785,000	1,406,000
February	32,481,000	32,026,000	1,411,000	27,056,000	29,287,000	1,398,000
March	33,586,000	36,224,000	1,435,000	31,515,000	33,828,000	1,359,000
April			-	-	-	-
May			-	-	-	-
June			-	-	-	-
July			-	-	-	-
August			-	-	-	-
September			-	-	-	-
October			-	-	-	-
November			-	-	-	-
December			-	-	-	-
<b>TOTAL</b>	<b>97,145,000</b>	<b>104,408,000</b>	<b>1,457,000</b>	<b>87,834,000</b>	<b>94,900,000</b>	<b>1,406,000</b>

Wastewater	Total Sales 2022 Gallons	Total Treated 2022 Gallons	Precipitation 2022	Total Sales 2023 Gallons	Total Treated 2023 Gallons	Precipitation 2023
January	24,073,000	29,328,000	0.51	23,144,000	33,444,000	2.09"
February	22,180,000	26,210,000	0.58	22,238,000	30,340,000	3.63"
March	24,271,000	31,729,000	3.48	24,719,000	36,209,000	2.19"
April				-	-	-
May				-	-	-
June				-	-	-
July				-	-	-
August				-	-	-
September				-	-	-
October				-	-	-
November				-	-	-
December				-	-	-
<b>TOTAL</b>	<b>70,524,000</b>	<b>87,267,000</b>	<b>4.57</b>	<b>70,101,000</b>	<b>99,993,000</b>	<b>-</b>



**Stoughton Utilities**

600 South Fourth Street  
P.O. Box 383  
Stoughton, WI 53589-0383

*Serving Electric, Water & Wastewater Since 1886*

**Date:** April 13, 2023  
**To:** Stoughton Utilities Committee  
**From:** Jill M. Weiss, P.E.  
Stoughton Utilities Director  
**Subject:** Stoughton Utilities Communications

March 29, 2023 Thank you note from the Stoughton Affordable Transportation Program for the donation received from the Stoughton Utilities RoundUP Program.

April 3, 2023 April 1, 2022 Stoughton Utilities news release regarding National Lineman Appreciation Day, held annually on April 18.

April 6, 2023 Stoughton Utilities press release regarding SU being recognized by the American Public Power Association exception for distribution system reliability. SU's average service availability index is 99.986%

April 7, 2023 Wisconsin National Public Radio (NPR) article on the Wisconsin Department of Natural Resources (DNR) Safe Drinking Water Loan Program (SDWLP). The article includes information on Stoughton Utilities 2021 lead service line replacement project, highlighting it as a successful project funded in part by the DNR SDWLP. Audio includes portions of an interview with Utilities Director Jill Weiss.

April 8, 2022 Stoughton Utilities April billing statement insert proving an entry form and information about our Thank-A-Lineworker coloring contest, held to recognize National Lineman Appreciation Day on April 18th.

May 8, 2023 Stoughton Utilities May billing insert highlighting our optional Choose Renewable program.

thank you





Dear Staff of Stoughton Utilities & City of Stoughton,

Thank you so much for the recent monetary donation for the Stoughton Affordable Transportation Program. We are so grateful for your generosity + support to help keep this service safe, dependable, + affordable to serve those in need.

Thank you Again!  
Staff + Volunteers of ATP



**Stoughton Utilities**

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# News Release

## Stoughton Utilities

FOR IMMEDIATE RELEASE

April 3, 2023

Contact: Jill Weiss, Utilities Director

### **Thank a Lineworker on National Lineworker Appreciation Day**

Lineworkers have a vital role in the community, working in harsh weather and sometimes hazardous conditions to keep electricity flowing year-round, and to restore power immediately during an outage. In honor of National Lineworker Appreciation Day on April 18, Stoughton Utilities commends its lineworkers' commitment to service and safety.

“Our lineworkers are on call twenty-four hours a day, seven days a week, and they have to be ready for any situation. They are often the first responders during storms, making the scene safe for other public safety workers. We value the work they do every day to maintain reliable service to homes and businesses,” said Stoughton Utilities Director, Jill Weiss.

Line work is not easy. Lineworkers must have the physical strength and agility to be able to climb poles, dig trenches, lift heavy equipment, and more, all while wearing equipment that can weigh around 45 pounds. They also expose themselves to danger every day, whether it be working with energized high voltage lines, or working 50 feet off the ground on a pole or in a bucket lift. Since power outages can happen at any time and can be caused by anything from a storm to a car accident, lineworkers need to be prepared to spring to action at a moment's notice.

There continues to be a strong demand for highly trained lineworkers. Learning the trade often involves completing a technical college program, followed by completing a four-year apprenticeship program and on-the-job training.

Stoughton Utilities is also holding their annual Lineworker Appreciation Day Coloring Contest. Two grand prize winners will be randomly selected to receive a \$50 gift card, and one winner from each of four age groups will be chosen by utility to receive a \$25 gift card. Visit [stoughtonutilities.com/coloring](http://stoughtonutilities.com/coloring) for details.

###

Founded in 1886, Stoughton Utilities serves electric customers in Stoughton and the surrounding area; and wastewater and water customers in Stoughton.



**Stoughton Utilities**

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Stoughton, WI 53589-0383

*Serving Electric, Water & Wastewater Since 1886*

# News Release

## Stoughton Utilities

FOR IMMEDIATE RELEASE

April 6, 2023

Contact: Jill Weiss, Utilities Director

### **STOUGHTON UTILITIES RECOGNIZED FOR RELIABLE ELECTRIC SERVICE TO THE COMMUNITY**

Stoughton Utilities has received national recognition for achieving exceptional electric reliability in 2022. The recognition comes from the American Public Power Association (APPA), a trade group that represents more than 2,000 not-for-profit, community-owned electric utilities.

APPA helps electric utilities track power outage and restoration data through its subscription-based eReliability Tracker service. Once per year, APPA's Reliability Team compares this data to national statistics tracked by the U.S. Energy Information Administration for all types of electric utilities.

"It's encouraging to see year after year that public power's track record for providing highly reliable service is backed up by data," said APPA Director of Research and Development Paul Zummo. "These utilities are the best of the best when it comes to keeping the lights on. And these communities should be proud of their local power providers and appreciate the hard work that goes into earning this recognition."

Nationwide, the average public power customer has their lights out for less than half the amount of time that customers of other types of utilities do.

"We are proud to receive this recognition. It is a testament to the hard work of all our staff to ensure that we keep Stoughton powered," said Jill Weiss, Utilities Director at Stoughton Utilities.

Stoughton Utilities customers were only without power for an average of 34 minutes, excluding major events, compared to 140 minutes for all electric utilities across the United States.

###

Founded in 1886, Stoughton Utilities serves electric customers in Stoughton and the surrounding area; and wastewater and water customers in Stoughton.

[WPR \[HTTP://WPR.ORG\]](http://wpr.org)



Tom Iglinski, an engineering technician with the city of Milwaukee, holds up a replaced lead service line on June 29, 2021. *Isaac Wasserman/Wisconsin Watch*

## Wisconsin set to receive \$139M for drinking water infrastructure upgrades

Around \$81M will be set aside for replacement of lead pipes

By Danielle Kaeding

Published: Friday, April 7, 2023, 2:30pm

Wisconsin is set to receive around [\\$139 million \[https://www.epa.gov/newsreleases/biden-harris-administration-announces-nearly-139-million-drinking-water-infrastructure\]](https://www.epa.gov/newsreleases/biden-harris-administration-announces-nearly-139-million-drinking-water-infrastructure) to upgrade drinking water infrastructure later this year, and more than half of that money will go toward replacing lead service lines.

The Wisconsin Department of Natural Resources is slated to receive the money in October as part of annual funding for the state's Safe Drinking Water Loan Program. The money includes supplemental funding as part of \$6 billion awarded nationwide through the bipartisan infrastructure law for projects to ensure safe drinking water.

The program provides low-interest loans for communities and principal forgiveness, which the DNR said is essentially grant funding that doesn't have to be paid back. The state typically receives around \$20 million in base funding for the program from the Environmental Protection Agency, according to Jim Ritchie, director of the DNR's Bureau of Community Financial Assistance.

The largest boost this year is funding for lead line replacement. Last year, Wisconsin received [\\$48.3 million \[https://www.wpr.org/wisconsin-set-receive-over-48m-replace-lead-pipes\]](https://www.wpr.org/wisconsin-set-receive-over-48m-replace-lead-pipes) to replace lead lines. This year the state will get \$81.2 million.

"We're very excited about the additional funding and what it means for the communities and the water utilities in Wisconsin," Ritchie said.

The funding also includes \$13 million for emerging contaminants like PFAS. [Perfluoroalkyl and polyfluoroalkyl substances](https://www.niehs.nih.gov/health/topics/agents/pfc/index.cfm) [https://www.niehs.nih.gov/health/topics/agents/pfc/index.cfm] are a class of thousands of synthetic chemicals widely used by industry since the 1940s. They've been used in everyday products like nonstick cookware and firefighting foam. The chemicals don't break down easily in the environment. Research shows high exposure to PFAS has been [linked](http://www.c8sciencepanel.org/prob_link.html) [http://www.c8sciencepanel.org/prob\_link.html] to kidney and testicular cancers, fertility issues, thyroid disease and reduced response to vaccines over time. A growing number of communities statewide have detected PFAS in public wells, including Eau Claire, La Crosse, and Wausau.

Ritchie expects to see more demand for financial assistance through the program this year. In October 2022, communities submitted their intent to apply for more than [\\$594 million](https://dnr.wisconsin.gov/sites/default/files/topic/Aid/loans/priorityList/SDWLP_SF2023_PPL.pdf) [https://dnr.wisconsin.gov/sites/default/files/topic/Aid/loans/priorityList/SDWLP\_SF2023\_PPL.pdf] to fund future projects for this year and beyond.



From left: Tom Iglinski, Jericho Gomez and Ryan DeBelak are part of a four-person crew working to replace a lead water service pipeline in Milwaukee on June 29, 2021. *Isaac Wasserman/Wisconsin Watch*

The state awarded [\\$63 million](https://www.wpr.org/sites/default/files/sdwlp_sfy2023_funding_list.pdf) [https://www.wpr.org/sites/default/files/sdwlp\_sfy2023\_funding\_list.pdf] in loans to nearly 50 projects for this fiscal year, and around \$19.6 million is principal forgiveness that communities won't have to pay back. That's roughly half of the [\\$122 million](https://dnr.wisconsin.gov/sites/default/files/topic/Aid/loans/fundingList/SDWLP_SF2022_Funding_List.pdf) [https://dnr.wisconsin.gov/sites/default/files/topic/Aid/loans/fundingList/SDWLP\_SF2022\_Funding\_List.pdf] in loans Wisconsin awarded for fiscal year 2022. Ritchie noted cities like Milwaukee and Sheboygan received half of overall funds awarded for major projects. He added many communities likely waited to apply for infrastructure law funds until the federal government provided [guidance](https://www.whitehouse.gov/wp-content/uploads/2022/04/M-22-11.pdf) [https://www.whitehouse.gov/wp-content/uploads/2022/04/M-22-11.pdf] on the law's requirements to build projects with domestic iron and steel.



In the last two years, Wisconsin had a program for [private lead line replacement](https://dnr.wisconsin.gov/aid/documents/EIF/privateLSLreplacementFundingProgram.html) that was funded through the transfer of \$64 million from its Clean Water Loan Fund. Ritchie said that built momentum on replacing lead lines that he expects will continue under additional funding through the bipartisan infrastructure law.

The city of Stoughton in Dane County is an example of one community that was able to advance replacement of all its known lead lines by utilizing funding through the DNR program.

In 2019, the city's water exceeded the federal action level of [15 parts per billion](https://www.epa.gov/dwreginfo/lead-and-copper-rule) under which systems are required to replace lead pipes.

The city began exploring whether to replace 7 percent of its lead lines each year, according to Jill Weiss, the city's utilities director.

Instead, the city embarked on a \$5.3 million project that removed around 1,000 public and private lead lines in 2021 that touched roughly 700 properties. She said they received a \$3.5 million loan from the DNR to replace 653 private lead lines.

"It would have taken much longer to actually achieve that goal," Weiss said. "And, in the process, because of the exceedance in 2019, the DNR would have required us to actually do the chemical treatments of the water."



Workers replace lead service lines in Stoughton in 2021. The city has replaced all known lead lines.

*Photo courtesy of Jill Weiss*

She said it only took one year instead of 15 years to replace those lines. The city also received approval to raise water rates to help pay for a 20-year loan that funded replacement of public lead lines.



Weiss said the additional funding under the bipartisan infrastructure law is an opportunity for communities to get the lead out.

"The more money that can be put into this, the better," Weiss said. "It is definitely a health risk, especially for women that are pregnant, children under the age of five."

Children are more vulnerable to lead poisoning, which can cause [developmental issues](#) [<https://www.cdc.gov/niosh/topics/lead/health.html#:~:text=Exposure%20to%20high%20levels%20of,a%20de>] among other health problems.

There are around [170,000 lead service lines](#) [[https://psc.wi.gov/Documents/water/2020\\_W22\\_W29\\_Service\\_Lines\\_Material\\_Type.pdf](https://psc.wi.gov/Documents/water/2020_W22_W29_Service_Lines_Material_Type.pdf)] in communities statewide, and a large share of those lead pipes are in Milwaukee.

The state's largest city has around 67,000 lead water service lines that are still in use. The city [replaced around 1,000 lead lines](#) [<https://www.wpr.org/milwaukee-replaced-1k-lead-pipes-2022-city-leaders-hope-federal-funds-will-ramp-program>] last year, and city officials hope to replace 1,200 this year. Federal funding could help accelerate the removal process. The city intends to apply for at least [\\$37.2 million](#) [[https://dnr.wisconsin.gov/sites/default/files/topic/Aid/loans/priorityList/SDWLP\\_SF2023\\_PPL.pdf](https://dnr.wisconsin.gov/sites/default/files/topic/Aid/loans/priorityList/SDWLP_SF2023_PPL.pdf)] in safe drinking water loan funds to replace lead lines and water mains.

Wisconsin's Democratic congressional delegation hailed the infrastructure law's additional funding for drinking water system upgrades, including U.S. Sen. Tammy Baldwin, U.S. Rep. Gwen Moore, and U.S. Rep. Mark Pocan.

Communities can [apply for loans](#) [<https://dnr.wisconsin.gov/aid/documents/EIF/privateLSLreplacementFundingProgram.html>] for fiscal year 2024 through the end of June.

*Wisconsin Public Radio, © Copyright 2023, Board of Regents of the University of Wisconsin System and Wisconsin Educational Communications Board.*



Thank A Lineworker

# GET OUT YOUR CRAYONS, MARKERS & PENCILS AND ENTER TO WIN!

## Thank-A-Lineworker Coloring Contest Contest ends April 21

### OFFICIAL CONTEST RULES

1. One submission per person. Adult entries welcome!
2. Entries must be received by April 21, 2023.
3. Mail entries to Stoughton Utilities, Po Box 383, Stoughton, WI 53589, or email to [contest@stoughtonutilities.com](mailto:contest@stoughtonutilities.com).
4. Coloring page can be found at [stoughtonutilities.com/coloring](http://stoughtonutilities.com/coloring).
5. Please email [customerservice@stoughtonutilities.com](mailto:customerservice@stoughtonutilities.com) with questions.

### PRIZES

1. There will be two randomly selected grand prize winners, as well as one winner from each age group: ages 4-6, ages 7-9, ages 10-12, and ages 13+.
2. Winners in each age group will receive a \$25 Visa gift card. Grand prize winners will be awarded a \$50 Visa gift card.
3. The winners will be selected by Stoughton Utilities staff . All decisions of the judges are final.

### ENTRANT CONTACT INFORMATION

Name: \_\_\_\_\_

Age Group (circle one):      ages 4-6      ages 7-9      ages 10-12      ages 13+

Utility Account Number or Address: \_\_\_\_\_

Utility Account Holders Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_



At Stoughton Utilities, we join forces with other local not-for-profit utilities through WPPI Energy to share resources and lower costs.

[stoughtonutilities.com](http://stoughtonutilities.com) • (608) 873-3379

Shared strength through  WPPI Energy

# Choose Renewable



*Environmentally responsible power, without the cost of solar panels*

Choose Renewable allows you to purchase renewable energy in 300-kilowatt hour (kWh) blocks. Each \$2 block is added to your monthly electric bill and ensures that this share of your electricity comes entirely from renewable resources. The average home requires only two or three blocks to be 100% powered by renewable energy.

## How it Works:

Participation in our optional Choose Renewable program reduces the amount of power generated by coal and natural gas that we purchase from our wholesale power provider and funds additional purchases of energy generated by solar, wind, hydro, and geothermal sources.

## How to Sign Up:

Sign in to *My Account* at [stoughtonutilities.com](http://stoughtonutilities.com) and click on Choose Renewable on the left. Don't have an online account? Contact our office at (608) 873-3379 or [customerservice@stoughtonutilities.com](mailto:customerservice@stoughtonutilities.com).



At Stoughton Utilities, we join forces with other local not-for-profit utilities through WPPI Energy to share resources and lower costs.

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**Stoughton Utilities**

600 South Fourth Street  
P.O. Box 383  
Stoughton, WI 53589-0383

*Serving Electric, Water & Wastewater Since 1886*

**Date:** April 13, 2023

**To:** Stoughton Utilities Committee

**From:** Jill M. Weiss, P.E.  
Stoughton Utilities Director

**Subject:** Status of the Utilities Committee Recommendation(s) to the Stoughton Common Council

The following items from prior Stoughton Utilities Committee Meeting(s) were presented to and/or acted upon by the Stoughton Common Council at their February 28, 2023 meeting:

Consent Agenda:

1. Minutes of the February 20, 2022 Regular Utilities Committee Meeting
2. Stoughton Utilities Payments Due List Report
3. Stoughton Utilities Statistical Report

Business:

1. Action to Repeal Section 74-5 of the Stoughton Municipal Code, Relating to the Appointment of an Operations Superintendent of Utilities



**Stoughton Utilities**

600 South Fourth Street  
P.O. Box 383  
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*Serving Electric, Water & Wastewater Since 1886*

**Date:** April 13, 2023  
**To:** Stoughton Utilities Committee  
**From:** Jill M. Weiss, P.E.  
Stoughton Utilities Director  
**Subject:** Stoughton Utilities & WPPI Energy Services Manager Position

The Stoughton Utilities & WPPI Energy Services Manager position is a collaborative role between Stoughton Utilities and WPPI Energy. WPPI Energy is a joint action agency consisting of 51 member-owners that have joined together to combine resources to purchase wholesale power.

Starting out as only a joint-action wholesale market provider, over time WPPI Energy has grown their service offerings to its members. One of the services offered to the members is the availability of an Energy Services Manager (ESM) shared with several other area members, with associated costs for the service included in the wholesale purchased power costs. The goal of the shared ESM is to provide a liaison that benefits both WPPI Energy as well as the member-owner and its key energy accounts.

Through the ESM program, WPPI Energy maintains contact with all member utilities through ongoing engagement and connection between the member utility and WPPI Energy via an onsite resource. The importance is multifaceted, but as a core principle the vision is that healthy member-owners ensure a healthy joint-action agency. The ESM role offers a way in which WPPI Energy can support Stoughton Utilities and its customers to maintain local utility strength. Each member utility utilizes their assigned ESM in a manner they feel best serves the utility's customers, within a framework of goals and objectives recommended by WPPI Energy. For this reason, it is important that the ESM is considered an employee and extension of Stoughton Utilities, as opposed to a direct employee of WPPI Energy.

Over the years the direction of the ESM has also changed with the changing needs of Stoughton Utilities and utility trends and technologies. For example, when residential distributed generation (DG), including rooftop solar arrays, first started to become popular in our service territory we heavily relied on assistance from WPPI Energy via the ESM to review DG interconnection applications, manage DG inventory and capacity, and provide DG advice to interested customers. Since then, as Stoughton Utilities staff have been able to advance their knowledge and expertise with the assistance of WPPI Energy and the ESM, we have been able to increase our ability to have staff directly respond to customer inquiries and engage with DG installers. Having local utility expertise is a core expectation of Stoughton Utilities, and although we sometimes utilize WPPI Energy as a resource it remains our goal to serve our customers locally.

Additionally, in the past our engagement with our key electric accounts has varied based on the individual customer's level of interest, and we were not proactive in maintaining a two-way utility-customer relationship with open communication and ongoing dialogue. This is something that we have identified through surveys of our key account surveys as an opportunity for improvement. Increasing the level at which we engage with our key customers provides an opportunity to provide more

information on the services and programs provided by Stoughton Utilities, including energy efficiency, sustainability and renewable energy, effective rate classification, and the value of local public power to help support their business. Stoughton Utilities has identified key account management as a top priority for the ESM.

With this background of the Stoughton Utilities & WPPI Energy Service Manager, we want to introduce Darren Jacobson. Darren joined WPPI Energy in June of 2022 as the ESM serving Stoughton Utilities, Broadhead, Evansville, and Waterloo. Darren is typically at the Stoughton Utilities office on Tuesdays.

Darren earned his bachelor's degree in Recreation Management from the University of Wisconsin – LaCrosse and has an extensive background in sales and customer service. Most recently, he worked for Emmi Roth USA as a sales support and customer service manager, where he managed and supported the daily activities of the sales support and customer relations team.

## ENERGY SERVICES MANAGER

Are you a customer-focused, technical-minded individual that appreciates variety in your workday? Would you welcome the opportunity to make a difference for local communities through outreach and collaboration? If so, WPPI Energy – one of the Greater Madison Area’s 2021 Top Workplaces – is seeking someone like you to manage the delivery of customer programs and marketing initiatives for the public power utilities in the communities of Waterloo, Stoughton, Evansville, and Brodhead, Wisconsin.

As a member of our nationally recognized team of account management, engineering, energy services, and marketing professionals, you will:

- Apply effective business acumen to manage important customer relationships with residential, commercial, industrial, school, and municipal energy users.
- Demonstrate excellent verbal and written communication skills to promote the locally owned, not-for-profit public power brand throughout the communities.
- Use analytical insights to help electric customers understand where they use (and waste) energy and find ways they can control their electric costs.

Qualified candidates will preferably have:

- A four-year degree in an applicable field such as natural or environmental sciences, engineering, applied mathematics, or another related field.
- An interest in clean energy solutions.
- Excellent interpersonal and communication skills.
- Account management or customer service experience.
- A record of active community involvement is a plus.

Depending on background and experience, the successful candidate may participate in a one-to two-month training program based out of our office in Sun Prairie, Wisconsin before transitioning to the utility offices in Waterloo, Stoughton, Evansville, and Brodhead.

WPPI Energy is proud to provide our staff with a flexible and employee-friendly work environment. In addition, we offer competitive pay and an exceptional benefits package including medical, dental, vision, short/long-term disability, life insurance and access to the State of Wisconsin Retirement Plans (WRS, a traditional pension and WDC 457). Additionally, we provide paid sick, vacation, holidays, parental leave, and educational reimbursement, along with professional development opportunities, wellness programs and so much more!

WPPI Energy is a not-for-profit, regional power company serving 51 locally owned electric utilities. Through WPPI Energy, these public power utilities share resources and own generation facilities to provide reliable, affordable electricity to 200,000 homes and businesses in Wisconsin, Michigan’s Upper Peninsula, and Iowa. WPPI Energy is an equal opportunity employer.

Apply online at <https://wppienergy.org/about-us/careers/> or send resume and salary requirements to:

WPPI Energy  
Attn: Human Resources - ESM  
1425 Corporate Center Drive  
Sun Prairie, WI 53590-9109



## WPPI Energy Position Description

### Energy Services Manager

**Exempt:** Yes  No   
**Department:** Services and Business Strategy: Energy Services  
**Reports to:** Vice President – Energy Services  
**Origination Date:** June 12, 2020  
**Revision Date:** March 22, 2021  
**Driving Classification:** Essential  Marginal

#### **GENERAL PURPOSE**

An Energy Services Manager works closely together with our not-for-profit, community-owned utility members to create and manage customer service strategies that:

- strengthen key business relationships;
- deliver competitive customer program options;
- complement local economic development efforts;
- build positive public perceptions and understanding of the community-owned utility model; and
- exceed customer expectations.

An Energy Services Manager leverages and promotes the efficiencies of joint action, teamwork, and shared services as much as reasonably practical to achieve these objectives.

#### **ESSENTIAL DUTIES**

1. Initiate, manage, and support electric utility energy services for assigned members:
  - With direction from the local utility manager(s) and WPPI staff, prepare an annual energy services action plan and implementation budget for each assigned member that outlines the electric utility customer service activities to be delivered and supported over the next calendar year, including but not limited to energy efficiency, renewable energy, distributed generation, demand response, energy assistance, market research, economic development, member branding, program promotion, energy education, online customer engagement, technology initiatives, and community outreach.
  - Deliver or facilitate delivery of electric utility customer services activities, including but not limited to energy efficiency, renewable energy, distributed generation, demand

response, energy assistance, market research, economic development, member branding, program promotion, energy education, online customer engagement, technology initiatives, and community outreach.

- Lead and manage business relationships with local electric utility key accounts for each assigned member utility, including the following responsibilities:
  - Working with the utility manager, identify the local key accounts to be managed (including, but not limited to, all accounts resulting in annual electric utility revenue greater than \$250k, plus local school districts and any other account that may have significant employment, tax or political impacts in the community).
  - Gather intelligence on each key account to obtain a clear and comprehensive understanding of their business issues and challenges, as well as their needs and expectations from their electric utility to enable them to operate a competitive business. Work with various utility personnel and WPPI staff to develop and execute key account plans that ensure these needs and expectations are satisfied, particularly with key decision makers and leadership within the key accounts.
  - Play customer advocate role during rate changes, program modifications, electric load changes, construction projects, planned outages, etc., coordinating technical analyses, economic comparisons, impact studies, and any other supporting documentation, as appropriate.
  - Promote and deliver any/all applicable electric utility customer services.
  - Offer and make available WPPI senior management and technical staff resources when appropriate.
  - Keep key accounts informed on key industry issues through written correspondence, group meetings, and one-on-one customer communications.
  - Inform key accounts about the benefits of the public power model.
  - Log all account activities in the WPPI customer relationship management database.
- Lead and manage business relationships with local economic development organizations (LEDOs) for each assigned member utility, including the following responsibilities:
  - Ensure that meaningful, productive relationships are established and maintained with economic development officials so that the member utilities and WPPI are viewed as key partners for driving local economic growth.
  - Gather intelligence and obtain a clear and comprehensive understanding of the LEDO capabilities and plans, as well as their needs and expectations from their electric utility to grow the local economy. Work with various utility personnel and WPPI staff to develop and execute economic development support plans that ensure these needs and expectations are satisfied, particularly with key decision makers and local governing officials.

- Inform the LEDO officials about the benefits of the public power model and any/all electric utility customer services that will benefit the local economic development story.
  - Serve as a liaison between WPPI and each assigned member utility in assessing and communicating member services and member relations issues, including coordination with appropriate WPPI leadership and staff to ensure timely and professional responses when applicable.
  - Manage local community relations and media relations initiatives. Work with local utility personnel and other WPPI staff to pursue opportunities to keep member utilities visible in their communities, and to achieve and maintain a positive public perception of member utilities and WPPI.
  - Assist WPPI in developing strong ties with elected and appointed officials and other leaders in member communities. An important part of this effort involves staying out of local political disputes and controversies within member communities.
2. Initiate, manage, and support joint-action energy services for WPPI (if allocation of time allows):
- Manage the development and delivery of electric utility customer service initiatives and other departmental responsibilities as assigned.
  - With input and direction from the department lead, senior staff, and member advisory groups, clearly define service/program objectives, and understand and communicate how the specific service/program objectives fit with the organizational objectives (e.g., business plan, member goals, joint-action model, etc.).
  - Stay current on, and network with, comparable utility, state, regional, and national programs or resources.
  - Prepare and track budgets for assigned services/programs, applying an understanding of cost justification and cost-effectiveness.
  - Track and report metrics (e.g., kWh, kW, incentives/grants, expenses, etc.) for assigned services/programs and, if applicable, demonstrate that the services/programs are effective and competitive.
  - Provide timely support and direction to members, energy services team, and other WPPI staff to achieve service/program objectives.
  - Assist with other technical review, research, training, and service/program development assignments as directed.
3. Understand, adhere to, and reinforce the principles outlined in the attached Values Statement, along with the WPPI mission and vision, in all business decisions, representations, and interactions.

## **DESIRED MINIMUM QUALIFICATIONS**

### Education and Experience:

- Bachelor's degree from a four-year college or university in a technical field, such as natural or environmental sciences, engineering, or applied mathematics.
- Five years of account management and/or project management experience.
- Record of active community involvement is a plus.

### Knowledge of and/or Ability to:

- Professionalism – Demonstrates and promotes conduct and behavior consistent with the WPPI Values Statement.
- Communication – Delivers clear, effective verbal and written communication and takes responsibility for understanding others.
- Interpersonal Savvy – Develops and maintains effective, collaborative relationships with others.
- Customer Focus – Demonstrates a commitment to public service and holds self accountable for quality outcomes.
- Networking - Builds and maintains effective and constructive working relationships, partnerships, and networks of people who are, or may someday be, instrumental in achieving work-related goals.
- Continuous Learning and Self-Development – Proactively investigates new perspectives, approaches, and behaviors, and takes steps to improve knowledge and performance.
- Project Management – Establish a systematic course of action for self and others to ensure that objectives are accomplished successfully and efficiently.
- Leadership (Achieving) – Leads by example by regularly achieving WPPI's mission, vision, and values.
- Impact and Influence (Convincing) – Presents convincing reason and rationale to adopt a specific course of action with credible data, information, and plans.
- Technical/Professional Expertise (Foundational) – Demonstrates and understands basic technical and professional proficiencies needed to perform job responsibilities.

### Other:

A valid driver's license is required in order to operate and use company and personal vehicles for company business. Regular automobile travel to member and customer sites is a requirement of this position. This position requires the use of a personal vehicle for business-related activities. State minimum or higher insurance levels must be carried on any personal vehicle used for business purposes.

**PHYSICAL DEMANDS AND WORK ENVIRONMENT**

The physical demands and work environment described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable otherwise qualified individuals with disabilities to perform essential functions.

- While performing the duties of this job, the employee is regularly required to sit; reach with hands and arms, use hands to finger, and must talk and hear. The employee frequently is required to handle and feel objects, tools, and controls, and to stand, walk, kneel, and crouch.
- The employee must occasionally lift and/or move up to 50 pounds.
- Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception, and ability to adjust focus.
- The noise level in the work environment is usually moderate, consistent with a business office.
- The work environment at member utilities and customer sites may consist of moderate to loud noise levels and environmental conditions associated with commercial and industrial facilities.

**SELECTION GUIDELINES**

Formal application, rating of education and experience; oral interview and reference check; job related tests may be required.

Approved \_\_\_\_\_ Date \_\_\_\_\_  
Employee

Approved \_\_\_\_\_ Date \_\_\_\_\_  
Immediate Supervisor

Approved \_\_\_\_\_ Date \_\_\_\_\_  
Human Resources

***THIS JOB DESCRIPTION DOES NOT CONSTITUTE AN EMPLOYMENT AGREEMENT BETWEEN WPPI ENERGY AND THE EMPLOYEE. Nothing in this position description restricts WPPI ENERGY'S ability to assign, reassign or eliminate duties and responsibilities of this job at any time. This description reflects WPPI Energy's assignment of essential duties and responsibilities.***



**Stoughton Utilities**

600 South Fourth Street  
P.O. Box 383  
Stoughton, WI 53589-0383

*Serving Electric, Water & Wastewater Since 1886*

**Date:** April 13, 2023

**To:** Stoughton Utilities Committee

**From:** Jill M. Weiss, P.E.  
Stoughton Utilities Director

**Subject:** Rejection of Bid Award of North Street and Bickley Court Reconstruction Contract 2-2023 to Rock Road Companies, Inc.

Bids for the 2023 North Street and Bickley Court reconstruction project 2-2023 were opened on March 21, 2023. Three bids were received with the resulting bid tabulation attached.

The base bid for Contract 2-2023 includes the following work: 520 linear feet (LF) of sanitary sewer; 350 LF of water main; 900 LF of storm sewer; common excavation; 3,000 tons (T) of base course; 1,700 LF of concrete curb and gutter; 6,900 square feet (SF) of concrete sidewalk and driveway apron; 1,000 T of asphaltic concrete pavement, traffic control, epoxy pavement markings, turf restoration, and related miscellaneous work.

Sanitary sewer and water main work was limited to the North Street reconstruction area.

No bid alternatives were included.

Base bids received for Contract 2-2023 ranged from \$1,000,933.67 to \$1,111,033.50.

Rock Road Companies, Inc. of Janesville, Wisconsin apparent low bidder with a bid of \$1,000,933.67. The bid was deemed to be responsive.

Stoughton Utilities included a total of \$194,523.75 in the 2023 Capital Improvement Plan (CIP). The Stoughton Utilities share of the low bid is \$307,039.71, approximately 56% above the amounts approved in the 2023 CIP.

Staff does not consider the North Street reconstruction a high priority project. Although there is a deep brick manhole that warrants replacement and substandard water main size (4-inch), there is no water main break history and no observed clearwater infiltration and inflow of concern.

Due to the higher than budgeted costs associated for the North Street reconstruction project, combined with numerous additional city-driven projects being proposed over the next five years that were not previously incorporated in the Stoughton Utilities 2023 – 2027 CIP, it is staff's recommendation that the bids for Contract 2-2023 be rejected.

Our recommendation was shared with our consulting engineer, the mayor, and City of Stoughton staff. Our concerns were shared with the City of Stoughton Finance Committee and Stoughton Common Council on March 28, 2023.

On April 11, 2023, the Stoughton Common Council acted on the attached resolution by unanimously voting against awarding the low bid for Contract 2-2023.

CITY OF STOUGHTON, 207 S. FORREST STREET, STOUGHTON, WISCONSIN

<b>RESOLUTION OF THE COMMON COUNCIL</b>	
Authorizing and directing the proper City official(s) to enter into an agreement with Rock Road Companies, Inc. of Janesville, WI for the North Street & Bickley Court Reconstruction Project – Contract 2-2023	
Committee Action:	Finance Committee recommended approval 7-0 on 03/28/2023, <i>contingent upon Stoughton Utilities approval.</i>
Fiscal Impact:	\$693,893.96 - City \$307,039.71 - Stoughton Utilities
File Number: R-051-2023	Date Introduced: April 11, 2023

The City of Stoughton, Wisconsin, Common Council does proclaim as follows:

RECITALS

**WHEREAS**, Contract 2-2023 is for the reconstruction of North Street and Bickley Court; and

**WHEREAS**, the City received three competitive bids; and

**WHEREAS**, Strand & Associates, the City's contracted engineering firm, has reviewed the bids and supports awarding the contract to the low responsible bidder, Rock Road Companies, Inc. of Janesville, WI; and

**WHEREAS**, the project includes work for Stoughton Utilities; and

**WHEREAS**, the low bid is \$1,000,933.67; now therefore

**BE IT RESOLVED** by the Common Council of the City of Stoughton that the proper city official(s) be hereby directed and authorized to enter into an agreement with Rock Road Companies, Inc. of Janesville, WI for \$1,000,933.67 along with a 5% project contingency, conditioned upon approval as to form by the City Attorney and acceptance by Stoughton Utilities for their portion of the project.

Council Action:  Adopted  Failed Vote 0-11

Mayoral Action:  Accept  Veto  
  
 Tim Swadley, Mayor Date 4-12-22

Council Action:             Override Vote



Strand Associates, Inc.<sup>®</sup>  
910 West Wingra Drive  
Madison, WI 53715  
(P) 608.251.4843  
www.strand.com

March 22, 2023

Mr. Rodney Scheel, Director of Planning and Development  
City of Stoughton  
207 South Forrest Street  
Stoughton, WI 53589

Re: North Street and Bickley Court Reconstruction  
Contract 2-2023  
City of Stoughton, Wisconsin

Dear Rodney,

Bids for the North Street and Bickley Court Reconstruction project were opened on March 21, 2023. Three bids were received with the resulting Bid tabulation enclosed.

Rock Road Companies, Inc. of Janesville, Wisconsin, was the apparent low Bidder at \$1,000,933.67. The Bid included a Bid Bond for 10 percent and Addendum No. 1 was acknowledged. The Bid is deemed to be responsive.

Strand Associates, Inc.<sup>®</sup> has previously worked with Rock Road Companies, Inc. on projects for the City of Whitewater and the Village of New Glarus. For those projects, the owners determined Rock Road Companies, Inc. to be responsible.

Please contact me at 608-251-4843 with any questions regarding this project.

Sincerely,

STRAND ASSOCIATES, INC.<sup>®</sup>

Mark A. Fisher, P.E.

Enclosure

c: Jill Weiss, P.E., Utilities Director, City of Stoughton  
Brett Hebert, Public Works Director, City of Stoughton



North Street and Bickley Court Reconstruction

Contract 2-2023

City of Stoughton, Wisconsin

Solicitor: Strand Associates, Inc.

March 21, 2023 1 PM CT

					Rock Road Companies, Inc.		E & N Hughes Co. Inc.		Parisi Construction , LLC.	
Section Title	Line Item	Item Description	UofM	Quantity	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
North Street										
Sanitary Sewer										
	1	8-IN PVC Sanitary Sewer	LF	490	\$158.69	\$77,758.10	\$136.82	\$67,041.80	\$160.00	\$78,400.00
	2	6-IN PVC Sanitary Sewer Lateral	LF	150	\$170.95	\$25,642.50	\$111.44	\$16,716.00	\$20.00	\$3,000.00
	3	4-IN PVC Sanitary Sewer Lateral	LF	140	\$135.52	\$18,972.80	\$105.12	\$14,716.80	\$15.00	\$2,100.00
	4	8-IN by 6-IN PVC Sanitary Sewer Wye Fitting	EA	4	\$156.81	\$627.24	\$123.00	\$492.00	\$3,400.00	\$13,600.00
	5	8-IN by 4-IN PVC Sanitary Sewer Wye Fitting	EA	4	\$124.78	\$499.12	\$108.86	\$435.44	\$3,300.00	\$13,200.00
	6	4-FT DIA Sanitary Sewer MH	EA	5	\$7,064.08	\$35,320.40	\$6,227.31	\$31,136.55	\$9,500.00	\$47,500.00
	7	Connect New Sanitary Sewer to Existing Sanitary Sewer MH	EA	1	\$5,200.00	\$5,200.00	\$2,029.98	\$2,029.98	\$5,000.00	\$5,000.00
	8	Hauled?In Granular Backfill for Sanitary Sewer	T	2000	\$12.17	\$24,340.00	\$17.51	\$35,020.00	\$0.01	\$20.00
	9	Abandon Existing Sanitary Sewer	LS	1	\$2,300.00	\$2,300.00	\$3,948.03	\$3,948.03	\$3,100.00	\$3,100.00
Water Main										
	10	8-IN DI Water Main	LF	340	\$146.78	\$49,905.20	\$154.35	\$52,479.00	\$170.00	\$57,800.00
	11	6-IN DI Water Main or Fire Hydrant Lead	LF	15	\$131.29	\$1,969.35	\$115.44	\$1,731.60	\$170.00	\$2,550.00
	12	4-IN DI Water Main	LF	20	\$109.59	\$2,191.80	\$114.86	\$2,297.20	\$190.00	\$3,800.00
	13	8-IN Water Valve and Road Box	EA	1	\$2,920.54	\$2,920.54	\$3,152.59	\$3,152.59	\$4,800.00	\$4,800.00
	14	Fire Hydrant W/ Auxiliary Valve and Road Box	EA	1	\$8,550.23	\$8,550.23	\$9,000.54	\$9,000.54	\$12,000.00	\$12,000.00
	15	1-IN Copper Water Service	LF	180	\$101.60	\$18,288.00	\$133.73	\$24,071.40	\$15.00	\$2,700.00
	16	Connect Existing 1?IN Water Service to New Water Main INCL New Corporation Stop	EA	4	\$1,500.00	\$6,000.00	\$973.04	\$3,892.16	\$1,500.00	\$6,000.00
	17	Connect New Water Service to Existing Curb Stop INCL New Corporation Stop	EA	2	\$1,172.39	\$2,344.78	\$1,216.50	\$2,433.00	\$3,500.00	\$7,000.00
	18	1-IN Curb Stop, Corporation Stop, and Curb Stop Box	EA	2	\$1,044.80	\$2,089.60	\$1,066.64	\$2,133.28	\$4,500.00	\$9,000.00
	19	Adjust Existing Water Service Curb Stop Box	EA	5	\$196.81	\$984.05	\$278.09	\$1,390.45	\$300.00	\$1,500.00
	20	Connect to Existing Water Main	EA	2	\$4,200.00	\$8,400.00	\$3,473.36	\$6,946.72	\$4,000.00	\$8,000.00
	21	Hauled?In Granular Backfill for Water Main	T	800	\$12.17	\$9,736.00	\$17.50	\$14,000.00	\$0.01	\$8.00
	22	Abandon Existing Water Main	LS	1	\$3,000.00	\$3,000.00	\$3,789.10	\$3,789.10	\$7,500.00	\$7,500.00
Storm Sewer										
	23	24-IN RCP Storm Sewer	LF	265	\$122.38	\$32,430.70	\$138.64	\$36,739.60	\$160.00	\$42,400.00
	24	18-IN RCP Storm Sewer	LF	90	\$103.66	\$9,329.40	\$119.59	\$10,763.10	\$160.00	\$14,400.00
	25	15-IN RCP Storm Sewer	LF	90	\$117.81	\$10,602.90	\$105.24	\$9,471.60	\$120.00	\$10,800.00
	26	12-IN RCP Storm Sewer	LF	115	\$113.58	\$13,061.70	\$94.51	\$10,868.65	\$100.00	\$11,500.00
	27	5-FT Dia Storm Sewer MH	EA	1	\$5,632.44	\$5,632.44	\$6,713.96	\$6,713.96	\$6,500.00	\$6,500.00
	28	4-FT DIA Storm Sewer MH	EA	2	\$4,075.78	\$8,151.56	\$4,082.08	\$8,164.16	\$4,500.00	\$9,000.00
	29	2-FT by 3-FT Inlet	EA	11	\$4,175.14	\$45,926.54	\$2,853.43	\$31,387.73	\$4,200.00	\$46,200.00
	30	6-IN PVC Roof Drain Pipe	LF	150	\$50.50	\$7,575.00	\$50.93	\$7,639.50	\$75.00	\$11,250.00
	31	Connect Roof Drain Pipe to Storm Sewer or Inlet	EA	2	\$1,200.00	\$2,400.00	\$1,179.99	\$2,359.98	\$2,000.00	\$4,000.00
	32	Adjust Existing Inlet Casting	EA	3	\$664.24	\$1,992.72	\$625.43	\$1,876.29	\$750.00	\$2,250.00

	33	Hauled-In Granular Backfill for Storm Sewer	T	200	\$11.82	\$2,364.00	\$17.50	\$3,500.00	\$0.01	\$2.00
	34	Abandon/Remove Existing Storm Sewer	LS	1	\$12,000.00	\$12,000.00	\$3,660.31	\$3,660.31	\$17,500.00	\$17,500.00
Street Construction										
	35	Common Excavation	LS	1	\$63,000.00	\$63,000.00	\$54,018.87	\$54,018.87	\$115,000.00	\$115,000.00
	36	Curb and Gutter Removal	LF	750	\$8.35	\$6,262.50	\$3.48	\$2,610.00	\$6.00	\$4,500.00
	37	Concrete Sidewalk and Driveway Apron Removal	SY	430	\$9.58	\$4,119.40	\$11.08	\$4,764.40	\$25.00	\$10,750.00
	38	Crushed Aggregate Base Course	T	1500	\$18.00	\$27,000.00	\$14.95	\$22,425.00	\$18.00	\$27,000.00
	39	Excavation Below Subgrade (EBS)	CY	300	\$24.00	\$7,200.00	\$27.19	\$8,157.00	\$22.00	\$6,600.00
	40	EBS Backfill	T	600	\$19.00	\$11,400.00	\$14.07	\$8,442.00	\$15.50	\$9,300.00
	41	Geotextile for Subgrade Stabilization	SY	900	\$2.50	\$2,250.00	\$2.08	\$1,872.00	\$2.30	\$2,070.00
	42	30-IN Concrete Curb and Gutter	LF	750	\$31.00	\$23,250.00	\$33.33	\$24,997.50	\$42.00	\$31,500.00
	43	5-IN Concrete Sidewalk	SF	3000	\$9.44	\$28,320.00	\$9.80	\$29,400.00	\$8.25	\$24,750.00
	44	6-IN Concrete Sidewalk	SF	720	\$9.94	\$7,156.80	\$11.04	\$7,948.80	\$9.00	\$6,480.00
	45	6-IN Concrete Driveway Apron	SF	800	\$8.94	\$7,152.00	\$9.69	\$7,752.00	\$9.00	\$7,200.00
	46	Truncated Dome Detectable Warning Field	SF	80	\$40.00	\$3,200.00	\$49.20	\$3,936.00	\$65.00	\$5,200.00
	47	Asphaltic Concrete Pavement - Lower Course	T	265	\$73.00	\$19,345.00	\$98.09	\$25,993.85	\$97.00	\$25,705.00
	48	Asphaltic Concrete Pavement - Upper Course	T	210	\$74.00	\$15,540.00	\$100.37	\$21,077.70	\$99.00	\$20,790.00
	49	Asphaltic Concrete Pavement Driveway	SF	100	\$7.00	\$700.00	\$9.23	\$923.00	\$8.10	\$810.00
	50	Erosion Control	LS	1	\$8,178.00	\$8,178.00	\$6,434.31	\$6,434.31	\$1,000.00	\$1,000.00
	51	Turf Restoration (Topsoils, Seed, and Mulch)	LS	1	\$9,416.96	\$9,416.96	\$13,632.87	\$13,632.87	\$1,000.00	\$1,000.00
	52	Traffic Control	LS	1	\$1,974.78	\$1,974.78	\$11,832.12	\$11,832.12	\$1,500.00	\$1,500.00
	53	Stump Removal	EA	2	\$600.00	\$1,200.00	\$1,230.00	\$2,460.00	\$410.00	\$820.00
	54	24-IN White Epoxy Continental Crosswalk	LF	210	\$18.50	\$3,885.00	\$22.76	\$4,779.60	\$21.50	\$4,515.00
	55	18-IN White Epoxy Stop Bar Line	LF	50	\$15.25	\$762.50	\$18.76	\$938.00	\$17.75	\$887.50
Bickely Court										
Storm Sewer										
	56	12-IN RCP Storm Sewer	LF	360	\$64.41	\$23,187.60	\$107.41	\$38,667.60	\$97.00	\$34,920.00
	57	7-FT DIA Storm Sewer MH	EA	1	\$11,203.75	\$11,203.75	\$9,034.10	\$9,034.10	\$17,500.00	\$17,500.00
	58	4-FT DIA Storm Sewer MH	EA	1	\$4,075.78	\$4,075.78	\$6,484.85	\$6,484.85	\$6,000.00	\$6,000.00
	59	4-IN PVC Sump Pump Pipe	LF	250	\$62.70	\$15,675.00	\$44.16	\$11,040.00	\$50.00	\$12,500.00
	60	Connect Sump Pump Pipe to RCP Storm Sewer Pipe/MH Pipe or MH	EA	5	\$869.86	\$4,349.30	\$430.94	\$2,154.70	\$2,000.00	\$10,000.00
	61	Granular Backfill for Storm Sewer	T	100	\$17.91	\$1,791.00	\$17.50	\$1,750.00	\$0.01	\$1.00
Street Construction										
	62	Common Excavation	LS	1	\$63,000.00	\$63,000.00	\$59,867.56	\$59,867.56	\$70,000.00	\$70,000.00
	63	Curb and Gutter Removal	LF	950	\$9.31	\$8,844.50	\$5.11	\$4,854.50	\$6.00	\$5,700.00
	64	Concrete Sidewalk and Driveway Apron Removal	SY	190	\$11.36	\$2,158.40	\$11.51	\$2,186.90	\$25.00	\$4,750.00
	65	Crushed Aggregate Base Course	T	1600	\$18.00	\$28,800.00	\$14.93	\$23,888.00	\$18.50	\$29,600.00
	66	Excavation Below Subgrade (EBS)	CY	400	\$24.00	\$9,600.00	\$27.38	\$10,952.00	\$28.00	\$11,200.00
	67	EBS Backfill	T	800	\$19.00	\$15,200.00	\$14.55	\$11,640.00	\$16.00	\$12,800.00
	68	Geotextile for Subgrade Stabilization	SY	1200	\$1.96	\$2,352.00	\$1.76	\$2,112.00	\$2.30	\$2,760.00
	69	30-IN Concrete Curb and Gutter	LF	950	\$25.20	\$23,940.00	\$27.52	\$26,144.00	\$41.00	\$38,950.00
	70	6-IN Concrete Driveway Apron	SF	2400	\$8.57	\$20,568.00	\$9.51	\$22,824.00	\$8.00	\$19,200.00
	71	Asphaltic Concrete Pavement - Lower Course	T	290	\$73.00	\$21,170.00	\$98.09	\$28,446.10	\$97.00	\$28,130.00

	72	Asphaltic Concrete Pavement - Upper Course	T	230	\$74.00	\$17,020.00	\$100.37	\$23,085.10	\$99.00	\$22,770.00
	73	Asphaltic Concrete Pavement Driveway	SF	150	\$6.00	\$900.00	\$9.23	\$1,384.50	\$8.10	\$1,215.00
	74	Adjust Water Valve Box to Grade	EA	1	\$200.00	\$200.00	\$173.57	\$173.57	\$500.00	\$500.00
	75	Adjust Sanitary Sewer MH Casting INCL New Adjusting Rings	LS	1	\$1,359.08	\$1,359.08	\$519.42	\$519.42	\$4,500.00	\$4,500.00
	76	Erosion Control	LS	1	\$1,025.00	\$1,025.00	\$15,339.20	\$15,339.20	\$1,000.00	\$1,000.00
	77	Turf Restoration (Topsoil, Seed, and Mulch)	LS	1	\$12,259.87	\$12,259.87	\$8,126.35	\$8,126.35	\$1,000.00	\$1,000.00
	78	Traffic Control	LS	1	\$1,474.78	\$1,474.78	\$686.30	\$686.30	\$1,000.00	\$1,000.00
	79	Remove and Reset Mailbox	EA	8	\$120.00	\$960.00	\$186.78	\$1,494.24	\$410.00	\$3,280.00
Base Bid Total:						\$1,000,933.67		\$1,009,248.53		\$1,111,033.50



600 South Fourth Street P.O. Box 383  
Stoughton, WI 53589-0383

*Serving Electric, Water & Wastewater Since 1886*

**Date:** April 13, 2023

**To:** Stoughton Utilities Committee

**From:** Jill M. Weiss, P.E.  
Stoughton Utilities Director

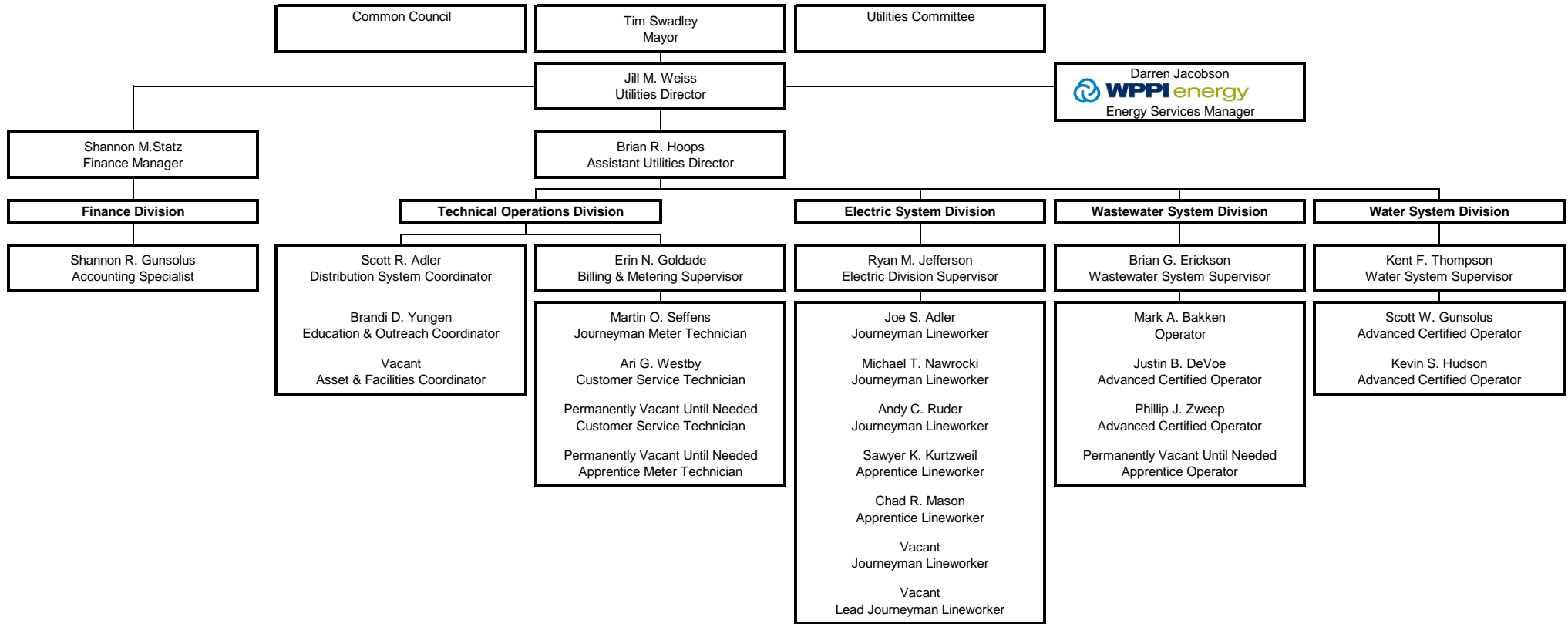
**Subject:** Update on the Stoughton Utilities Strategic Alignment Plan

As first authorized in the 2021 Utilities operating budget and renewed in the 2022 operating budget, Stoughton Utilities staff engaged in strategic planning efforts, looking at retention and recruitment strategies, succession planning, organization structure, position descriptions for current and future positions, and staffing needs moving forward.

At its March 14, 2022 regular meeting, the Stoughton Utilities Committee approved the proposed Stoughton Utilities personnel organization structure and position descriptions and recommended approval to the Stoughton Personnel Committee and Stoughton Common Council. At its August 15, 2022 regular meeting, the Stoughton Utilities Committee approved the final strategic plan and recommend approval to the Stoughton Personnel Committee and Stoughton Common Council. The strategic plan, including organizational structure, position descriptions, and wages were approved by the Stoughton Common Council on August 23, 2022.

Since that time, staff has implemented the strategic plan, including reassignment of duties and the filling of vacant positions. As predicted during the plan's creation, staff retirements continue, with the most recent occurring on April 3, 2023 and several more anticipated in the upcoming years. Facility needs continue to be reviewed as our system continues to expand and staff return to working in the office, and we are continuing to review our changing warehouse storage and office needs. Staff continues to review and utilize the wage scales set forth as part of the strategic plan approval and have noted some areas where the original plan was incomplete.

During the meeting we will provide a more detailed narrative of our recent efforts and future needs as we further Stoughton Utilities strategic vision.





600 South Fourth Street P.O. Box 383  
Stoughton, WI 53589-0383

*Serving Electric, Water & Wastewater Since 1886*

**Date:** April 13, 2023

**To:** Stoughton Utilities Committee

**From:** Jill M. Weiss, P.E.  
Stoughton Utilities Director

Brian R. Hoops  
Stoughton Utilities Assistant Director

**Subject:** American Public Power Association Electric Reliability Annual Benchmarking Report

Each year, the American Public Power Association (APPA) analyzes the outage history and statistics of the nation's public power utilities and provides a summary report to each participating utility. This report focuses on distribution system reliability across the country and is customized to Stoughton Utilities.

**Summary of Key IEEE Reliability Metrics:**

System Average Interruption Duration Index (SAIDI): 72.28 minutes

*SAIDI is defined as the average interruption duration for customers served by the utility.*

*The average SAIDI for utilities in our region is 80.46.*

System Average Interruption Frequency Index (SAIFI): 0.59 interruptions

*SAIFI is defined as the average number of times a customer on the utility system will experience an interruption.*

*The average SAIFI for utilities in our region is 0.62.*

Customer Average Interruption Duration Index (CAIDI): 121.75 minutes

*CAIDI is defined as the average duration of an interruption experienced by customers.*

*The average CAIDI for utilities in our region is 167.43.*

Average Service Availability Index (ASAI): 99.986%

*ASAI is a measure of the average availability of the distribution systems that serve customers.*

*The average ASAI for utilities in our region is 99.9849%.*

The aggregate statistics displayed in this report are calculated from 285 public power utilities with verified 2022 outage data, including 133 utilities in our region (Wisconsin, Illinois, Indiana, Michigan and Ohio). This report reflects data in the eReliability Tracker from January 1, 2022 to December 31, 2022.

Reliability reflects both historic and ongoing engineering investment decisions within a utility. Proper use of reliability metrics ensures that a utility is performing its intended function and is providing service in a consistent and effective manner. The statistics and reliability measurements are standardized across the country using industry-standard metrics as defined by the IEEE 1366 guidelines and are reported annually to the [United States Energy Information Administration \(EIA\)](#).

As a result of our prior year system reliability statistics, Stoughton Utilities has once again received national recognition from APPA for achieving exceptional electric reliability in 2022.



# Stoughton Utilities

# 2022 ANNUAL BENCHMARKING REPORT **eRELIABILITY** TRACKER





# I. About This Report

This report focuses on distribution system reliability across the country and is customized to each utility that participates in the American Public Power Association's eReliability Tracker service. APPA created the eReliability Tracker Annual Report to assist utilities in their efforts to understand and analyze their electric system. In 2012, APPA developed the eReliability Tracker thanks to a grant from the Demonstration of Energy & Efficiency Developments (DEED) program.

This report reflects data in the eReliability Tracker from January 1, 2022 to December 31, 2022. This analysis might not properly reflect your utility's statistics if you do not have a full year of data in the system. The report includes data recorded as of March 14, 2023.

Reliability reflects both historic and ongoing engineering investment decisions within a utility. Proper use of reliability metrics ensures that a utility is performing its intended function and is providing service in a consistent and effective manner.

While the primary use of reliability statistics is for self-evaluation, you can use these statistics to compare your utility with similar utilities. However, differences such as electrical network configuration, ambient environment, weather conditions, and number of customers served typically limit most utility-to-utility comparisons. Due to the diverse range of utilities that use the eReliability Tracker, this report endeavors to improve comparative analyses by grouping utilities by size and region.

Since this report contains data for all utilities that use the eReliability Tracker, it is important to consider how a particularly large or small utility can affect comparative benchmarks. To ease the issues associated with comparability, each utility's reliability statistics are weighted based on customer count when aggregated. This means that all utilities are equally weighted, and all individual statistics are developed on a per customer basis.

The aggregate statistics in this report are calculated from the 285 utilities with verified 2022 outage data. Utilities that experienced no outages in 2022, or did not upload any data, will have NULL, None, or "0" values in their report for utility-specific data and were not included in the aggregate analysis. Also note that log-normal data with a z-score<sup>[1]</sup> greater than 3.25 may be excluded if it significantly distorts the aggregate statistics.

1. A z-score indicates how much a data point differs from the mean. For instance, a z-score of 3.25 indicates that the data point is three and one-quarter standard deviations from the mean. A z-score of 0 indicates that the data point is identical to the mean. [↩](#)

## Utility Classifications

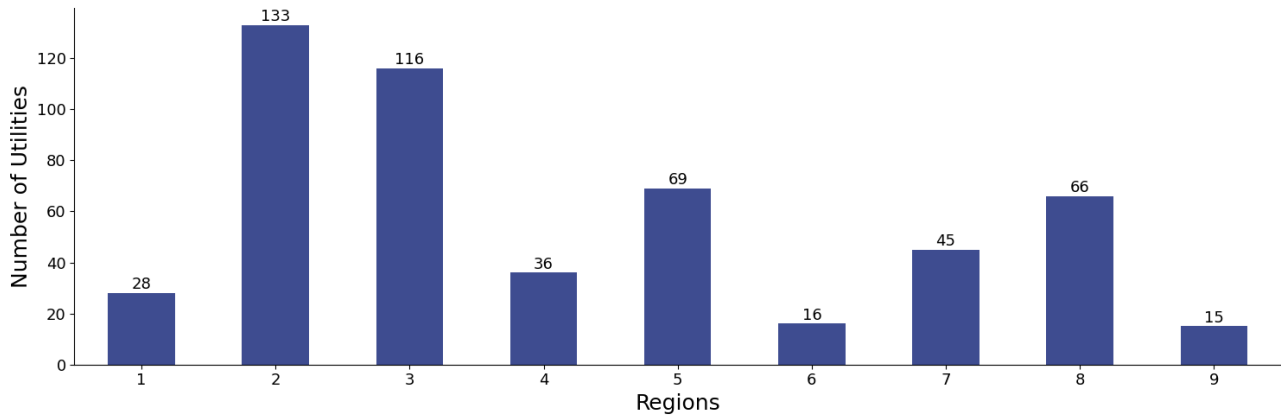
This report separates utilities into groups according to geographic region and the number of customers served. Table 1 shows the range of customer counts for utilities that use the eReliability Tracker by five distinct groups of approximately 105 utilities per group.

Your utility is in size class 4 and region 2.

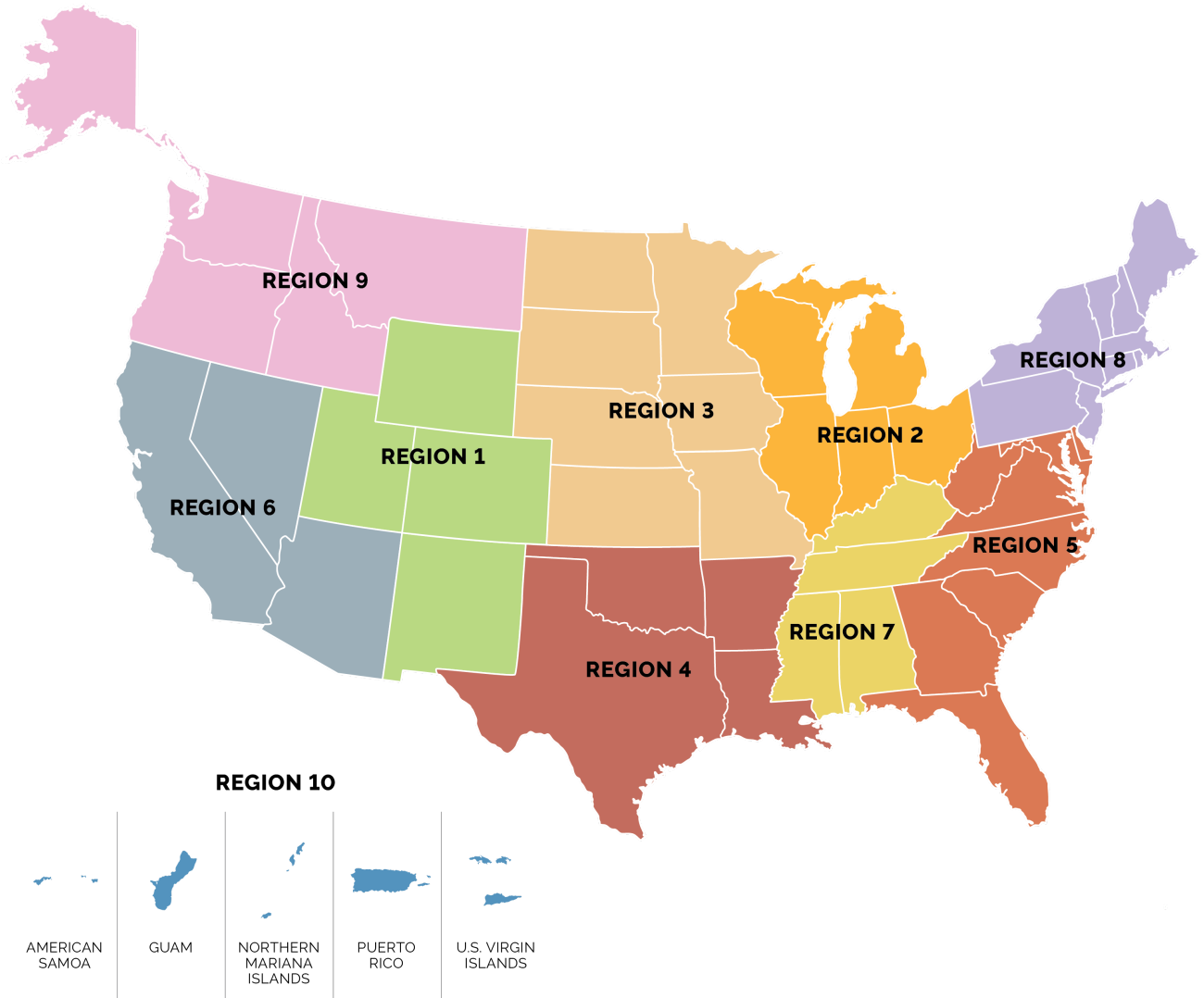
**Table 1.** Customer count range per size class

Utility Size Class	Customer Count Range
Class 1	[0, 1481)
Class 2	[1481, 3239)
Class 3	[3239, 7154)
Class 4	[7154, 13594)
Class 5	[13594, 503649)

Each utility is also grouped with all other participating utilities within their region. Figure 1 shows the number of utilities using the eReliability Tracker in each region and Figure 2 shows the states and territories included in each region.



**Figure 1.** Number of utilities subscribed to the eReliability Tracker by region



**Figure 2.** Regions

## II. IEEE Statistics

When it comes to reliability, the industry standard metrics are defined in the Institute for Electrical and Electronics Engineers' Guide for Electric Power Distribution Reliability Indices, or IEEE 1366 guidelines. For each utility, the eReliability Tracker performs IEEE 1366 calculations for System Average Interruption Duration Index (SAIDI), System Average Interruption Frequency Index (SAIFI), Customer Average Interruption Duration Index (CAIDI), Momentary Average Interruption Frequency Index (MAIFI) and Average Service Availability Index (ASAI).

It is important to note how major events (MEs) are calculated and used in this report. An example of a ME includes severe weather, such as a tornado or hurricane, that leads to unusually long outages in comparison to your distribution system's typical outage. This report uses the **APPA ME threshold**, which is based directly on the SAIDI for specific outage events, rather than a daily SAIDI. The APPA ME threshold allows a utility to remove outages that exceed the IEEE 2.5 beta threshold for outage events, which considers up to 10 years of the utility's outage history. In the eReliability Tracker, if a utility does not have at least 36 outage events prior to the year being analyzed, then no threshold is calculated. If this is the case for your utility, then you will have a NULL value in the following field and the calculations without MEs in the SAIDI, SAIFI, CAIDI, and ASAI sections of this report will be the same as the calculations with MEs for your utility. More outage history will provide a better threshold for your utility.

Your utility's APPA major event threshold is **10.52** minutes.

For each of the reliability indices, this report displays your utility's metrics alongside the mean values for all utilities using the eReliability Tracker and within the same class and region as your utility. The first table within each of the following subsections allows you to better understand the performance of your electric system relative to other utilities nationwide and to those within your same region or size class. The second table breaks down the national data into quartile ranges, a minimum value, and a maximum value.

All indices, except MAIFI, are calculated for outages with and without MEs. Furthermore, the tables show indices for scheduled and unscheduled outages. Note that scheduled and unscheduled calculations include MEs. Also note that wherever MEs are excluded, the exclusion is based on the APPA ME threshold for your system.

## II.1. System Average Interruption Duration Index

SAIDI is the average duration (in minutes) of an interruption per customer served by the utility during a specific time frame.

Since SAIDI is a sustained interruption index, only outages lasting longer than five minutes are included in the calculations. SAIDI is calculated by dividing the sum of all customer minutes of interruption<sup>[1]</sup> within the specified time frame by the average number of customers served during that period. For example, a utility with 100 customer minutes of interruption and 100 customers would have a SAIDI of 1.

Note that in the tables below, scheduled and unscheduled calculations include MEs. Also note that wherever MEs are excluded, the exclusion is based on the APPA ME threshold for your system.

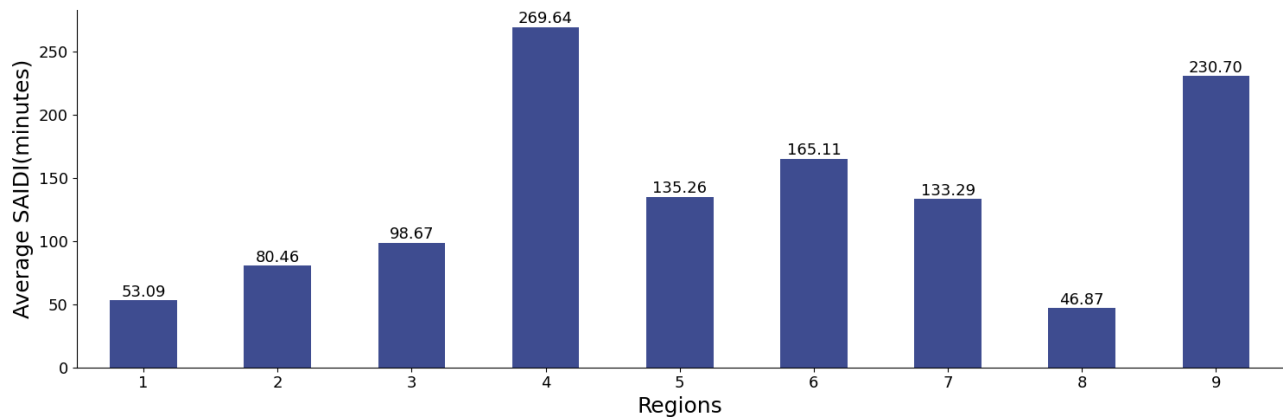
**Table 2.** Average SAIDI with and without MEs  
In minutes

	All	No MEs	Unscheduled	Scheduled
<b>Your utility</b>	72.28	34.44	72.24	0.03
<b>Utilities that use the eReliability Tracker</b>	115.7	67.27	112.51	5.31
<b>Utilities in your region</b>	80.46	40.2	76.54	5.89
<b>Utilities in your size class</b>	79.21	40.74	76.26	4.22

**Table 3.** Summary SAIDI data from the eReliability Tracker  
In minutes

	All	No MEs	Unscheduled	Scheduled
<b>Minimum</b>	0	0	0	0
<b>First Quartile</b>	18.81	11.32	16.84	0.2
<b>Median</b>	47.3	26.17	46.43	1.1
<b>Third Quartile</b>	118.67	53.61	113.37	4.12
<b>Maximum</b>	3365.08	3365.08	3365.08	122.86

**Figure 3.** Average SAIDI by region



1. Customer minutes of interruption is calculated by multiplying total customers interrupted and total minutes of interruption. [↵](#)

## II.2. System Average Interruption Frequency Index

SAIFI is the average instances a customer on the utility system will experience a sustained interruption during a specific time frame.

Since SAIFI is a sustained interruption index, only outages lasting longer than five minutes are included in the calculations. SAIFI is calculated by dividing the total number of customers that experienced sustained interruptions by the average number of customers served during that period. For example, a utility with 150 customer interruptions and 200 customers would have a SAIFI of 0.75.

Note that in the tables below, scheduled and unscheduled calculations include MEs. Also note that wherever MEs are excluded, the exclusion is based on the APPA ME threshold for your system.

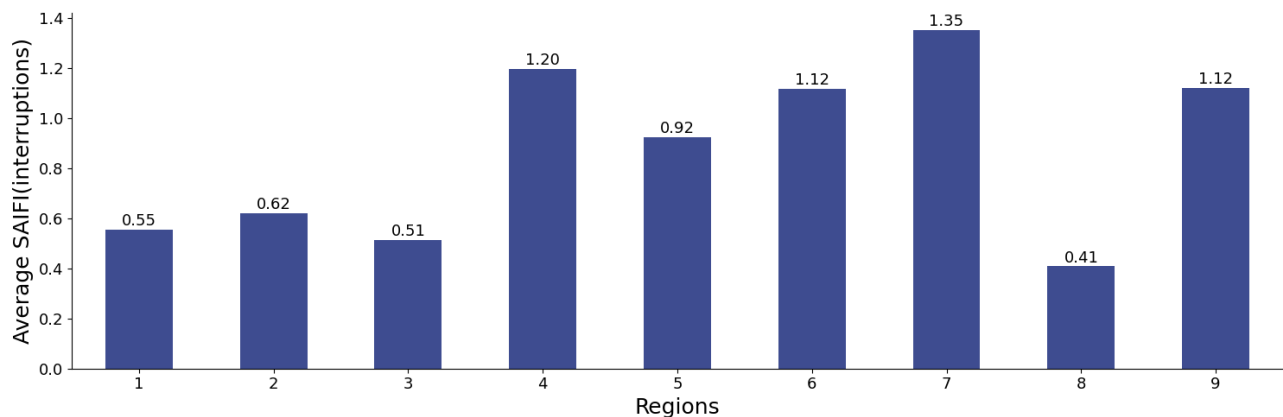
**Table 4.** Average SAIFI with and without MEs  
*In interruptions*

	All	No MEs	Unscheduled	Scheduled
<b>Your utility</b>	0.59	0.32	0.59	0
<b>Utilities that use the eReliability Tracker</b>	0.77	0.52	0.74	0.05
<b>Utilities in your region</b>	0.62	0.44	0.59	0.05
<b>Utilities in your size class</b>	0.63	0.41	0.61	0.03

**Table 5.** Summary SAIFI data from the eReliability Tracker  
*In interruptions*

	All	No MEs	Unscheduled	Scheduled
<b>Minimum</b>	0	0	0	0
<b>First Quartile</b>	0.21	0.15	0.2	0
<b>Median</b>	0.59	0.37	0.55	0.01
<b>Third Quartile</b>	1.08	0.72	1.05	0.04
<b>Maximum</b>	3.44	2.92	3.44	1.04

**Figure 4.** Average SAIFI by region



### II.3. Customer Average Interruption Duration Index

CAIDI is the average duration (in minutes) of an interruption experienced by customers during a specific time frame.

Since CAIDI is a sustained interruption index, only outages lasting longer than five minutes are included in the calculations. CAIDI is calculated by dividing the sum of all customer minutes of interruption by the number of customers that experienced one or more interruptions during that period. This metric reflects the average customer experience (minutes of duration) during an outage.

Note that in the tables below, scheduled and unscheduled calculations include MEs. Also note that wherever MEs are excluded, the exclusion is based on the APPA ME threshold for your system.

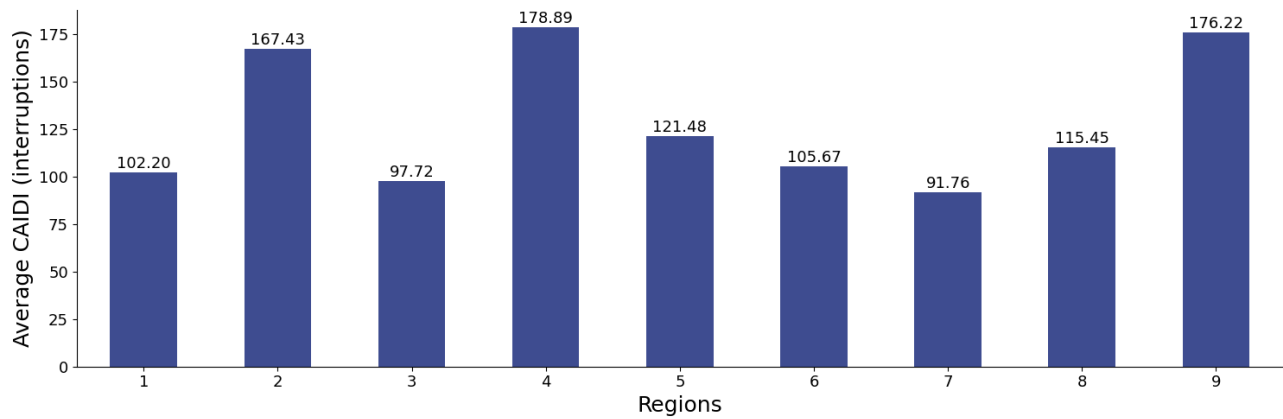
**Table 6.** Average CAIDI with and without MEs  
In minutes

	All	No MEs	Unscheduled	Scheduled
<b>Your utility</b>	121.75	108.8	121.85	40
<b>Utilities that use the eReliability Tracker</b>	126.53	93.65	126.95	112.97
<b>Utilities in your region</b>	167.43	82.13	169.95	108.93
<b>Utilities in your size class</b>	97.17	86.09	96.16	112.35

**Table 7.** Summary CAIDI data from the eReliability Tracker  
In minutes

	All	No MEs	Unscheduled	Scheduled
<b>Minimum</b>	0	0	0	0
<b>First Quartile</b>	64.21	57.12	61.19	53.43
<b>Median</b>	88.09	75.62	86.11	83
<b>Third Quartile</b>	121.48	105.3	122.98	128.43
<b>Maximum</b>	4365.94	1382.29	4504.81	747.38

**Figure 5.** Average CAIDI by region





## II.4. Momentary Average Interruption Frequency Index

MAIFI is the average number of momentary interruptions a utility customer will experience during a specific time frame.

In this report, an outage with a duration of five minutes or less is classified as momentary. MAIFI is calculated by dividing the total number of customers that experienced momentary interruptions by the total number of customers served by the utility. For example, a utility with 20 momentary customer interruptions and 100 customers would have a MAIFI of 0.20.

Momentary interruptions can be more difficult to track and utilities without an automated outage management system might not log these interruptions; therefore, some utilities have a MAIFI of zero.

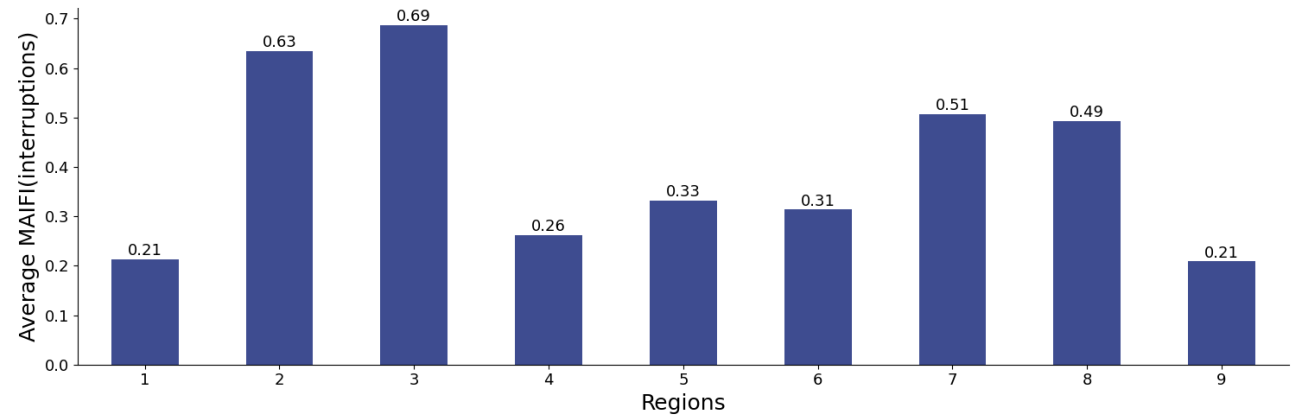
**Table 8.** Average MAIFI  
In interruptions

	MAIFI
<b>Your utility</b>	<b>0.05</b>
<b>Utilities that use the eReliability Tracker</b>	0.48
<b>Utilities in your region</b>	0.63
<b>Utilities in your size class</b>	0.52

**Table 9.** Summary MAIFI data from the eReliability Tracker  
In interruptions

	MAIFI
<b>Minimum</b>	0
<b>First Quartile</b>	0.01
<b>Median</b>	0.12
<b>Third Quartile</b>	0.57
<b>Maximum</b>	5.03

**Figure 6.** Average MAIFI by region



## II.5. Average Service Availability Index

ASAI is the percentage of time the sub-transmission and distribution systems are available to serve customers during a specific time frame.

This load-based index represents the percentage availability of electric service to customers within the period analyzed. It is calculated by dividing the total hours in which service is available to customers by the total hours that service is demanded by the customers. For example, an ASAI of 99.99% means that electric service was available for 99.99% of the time during the given period. Note that the higher your ASAI value, the better the performance.

In the tables below, scheduled and unscheduled calculations include MEs. Also note that wherever MEs are excluded, the exclusion is based on the APPA ME threshold for your system.

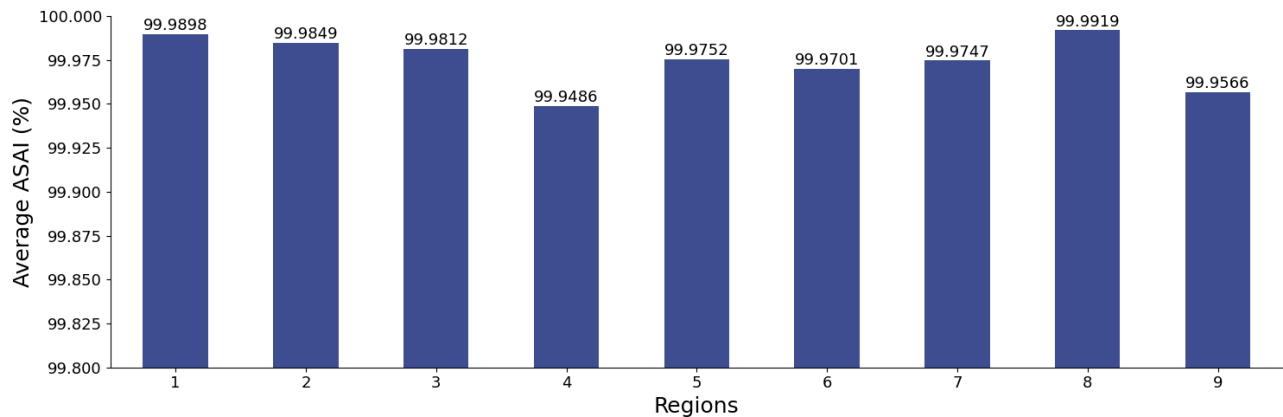
**Table 10.** Average ASAI with and without MEs  
In percentage

	All	No MEs	Unscheduled	Scheduled
<b>Your utility</b>	99.9862	99.9934	99.9862	99.9999
<b>Utilities that use the eReliability Tracker</b>	99.9783	99.9872	99.9789	99.999
<b>Utilities in your region</b>	99.9849	99.9925	99.9857	99.9988
<b>Utilities in your size class</b>	99.9849	99.9922	99.9855	99.9991

**Table 11.** Summary ASAI data from the eReliability Tracker  
In percentage

	All	No MEs	Unscheduled	Scheduled
<b>Maximum</b>	100	100	100	100
<b>First Quartile</b>	99.9964	99.9978	99.9967	99.9999
<b>Median</b>	99.991	99.995	99.9914	99.9997
<b>Third Quartile</b>	99.9779	99.9898	99.98	99.9992
<b>Minimum</b>	99.3597	99.3597	99.3597	99.9766

**Figure 7.** Average ASAI by region



## II.6. Energy Information Administration Form 861 Data

Form EIA-861 collects annual information on electric power industry participants involved in the generation, transmission, distribution, and sale of electric energy in the United States and its territories.

In 2014, EIA began publishing reliability statistics in Form EIA-861; therefore, APPA included these statistics in this report for informational purposes. Please note that the following data includes 175 investor-owned, 464 rural cooperative, and 323 public power utilities that were large enough to be required to fill out the full EIA-861 form. The statistics do not include data from utilities that complete the EIA 861-S form, which smaller entities complete. Note that the 323 participating public power utilities include entities classified by EIA as municipal, political subdivision, and state. In addition, since the collection and release of EIA form data lags by a year, the data is based on 2021 data that was published October 6, 2022. Therefore, we suggest you only use the aggregate statistics contained herein as an informational tool for further comparison of reliability statistics.

In Form EIA-861, an entity provides SAIDI and SAIFI including and excluding ME days in accordance with the IEEE 1366-2003 or IEEE 1366-2012 standard.

Although EIA collected other reliability-related data, the tables below only include SAIDI and SAIFI data including and excluding ME days. You can download the full set of data at: [www.eia.gov/electricity/data/eia861/](http://www.eia.gov/electricity/data/eia861/).

**Table 12.** Your utility's SAIDI and SAIFI with and without IEEE ME days

SAIDI with IEEE ME days (minutes)	SAIDI without IEEE ME days (minutes)	SAIFI with IEEE ME days (interruptions)	SAIFI without IEEE ME days (interruptions)
72.28	34.42	0.59	0.32

**Table 13.** Summary SAIDI data from Form EIA-861, 2021  
*In minutes*

	All	No MEs
<b>Average</b>	464	140.45
<b>Minimum</b>	0.31	0
<b>First Quartile</b>	84.75	53.07
<b>Median</b>	162.2	97.17
<b>Third Quartile</b>	327	164.26
<b>Maximum</b>	31626	3148

**Table 14.** Summary SAIFI data from Form EIA-861, 2021  
*In interruptions*

	All	No MEs
<b>Average</b>	1.71	1.21
<b>Minimum</b>	0	0
<b>First Quartile</b>	0.85	0.63

	<b>All</b>	<b>No MEs</b>
<b>Median</b>	1.32	1
<b>Third Quartile</b>	2.06	1.52
<b>Maximum</b>	19.09	7.77

## II.7. Miles of Line and Interruptions

Analyzing interruptions by miles of line can help utilities explore the relationship between outages, distribution line exposure, and customer density. This analysis separates utilities into groups of similar average customer density (customers served per mile). As shown in Table 16, utilities that use the eReliability Tracker were split into five customer density groups of approximately 46 utilities each. Note that customer density classes include utilities that either provided their miles of line data in the 2022 eReliability Tracker data verification survey or recorded their data in the eReliability Tracker. You can use the miles of line-related metrics shown in Table 15 and Table 16 as an additional benchmark for your utility's reliability along with the customer normalized-metrics included in the rest of the report. These metrics can be helpful in understanding, for example, utility reliability against weather and animal-related outages relative to similarly dense and exposed utilities.

Your utility's total miles of line: **274.6**

Your utility's overhead miles of line: **155.8**

Your utility's underground miles of line: **118.8**

**Table 15.** Total miles of line and interruptions

	<b>Customers Interrupted per Mile</b>	<b>Interruptions per Mile</b>	<b>Minutes of Interruption per Mile</b>
<b>Your utility</b>	<b>19.35</b>	<b>0.37</b>	<b>73.07</b>
<b>Utilities that use the eReliability Tracker</b>	31.29	0.5	126
<b>Utilities in your region</b>	27.9	0.41	85.86

Your utility's customer density (customers per mile): **32.62**

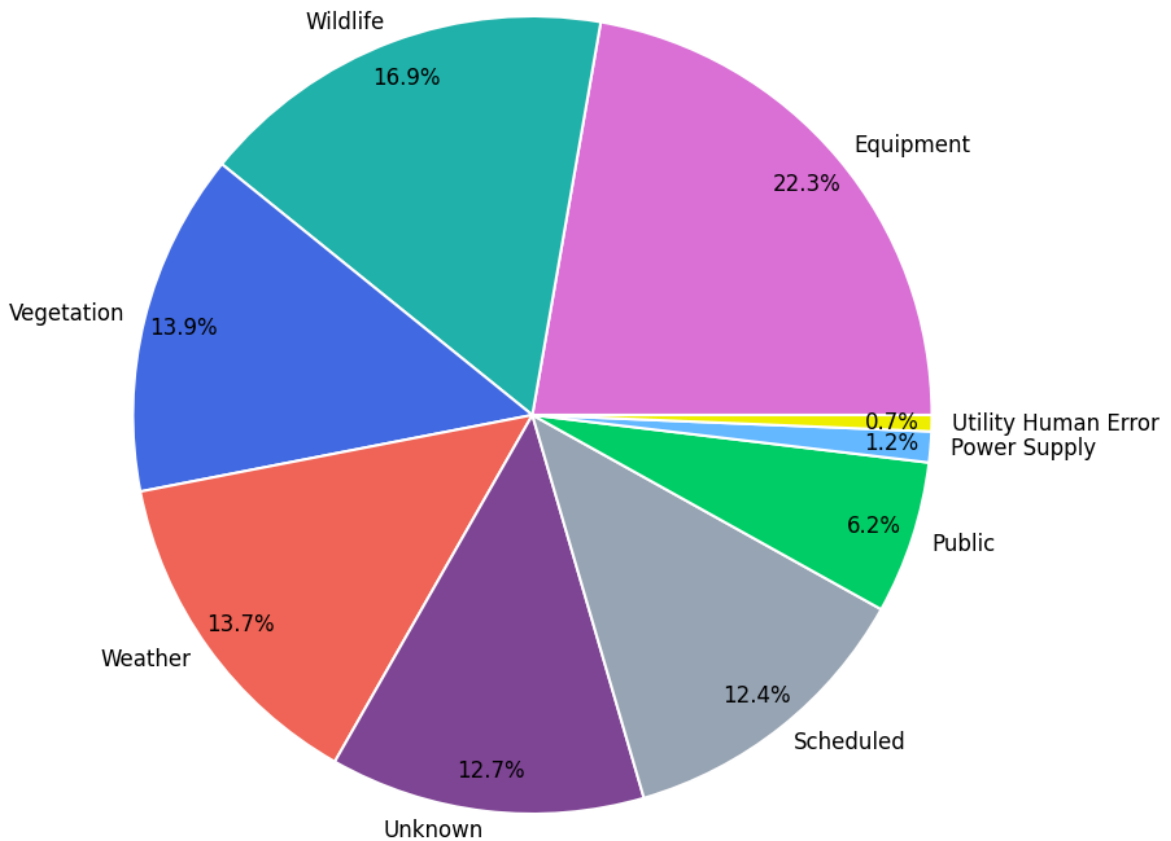
Your utility belongs to customer density class **2**.

**Table 16.** Miles of line-related metrics by customer density class

<b>Customer Density Class (Customers per Mile)</b>	<b>Customer Density Range</b>	<b>Average Customers Interrupted per Mile</b>	<b>Average Interruptions per Mile</b>	<b>Average Minutes of Interruption per Mile</b>
Class 1	0.0 - 20.85	18.25	0.29	60.47
Class 2	20.85 - 35.27	21.74	0.38	89.12
Class 3	35.27 - 46.79	25.28	0.42	267.1
Class 4	46.79 - 63.41	38.43	0.62	114.39
Class 5	63.41 - 917.68	54.95	0.77	83.08

# III. Outage Causes

Equipment failure, extreme weather events, wildlife, and vegetation are some of the most common causes of electric system outages. The following pie chart shows the percentages of the primary causes of outages for all utilities using the eReliability Tracker in 2022.



**Figure 8.** Primary causes of outages in 2022

Certain factors, such as regional weather and animal/vegetation patterns, can make some causes more prevalent for a specific group of utilities. The following section includes graphs depicting common causes of outages for your utility, all utilities in your region, and all utilities using the eReliability Tracker.

Charts containing aggregate information are customer-weighted to account for differences in utility size for a better analytical comparison. For example, a particularly large utility may have a large number of outages compared to a small utility. To avoid skewing the data toward large utilities, the number of cause occurrences is divided by customer size to account for the differences. In Figures 9 -14, the data represent the

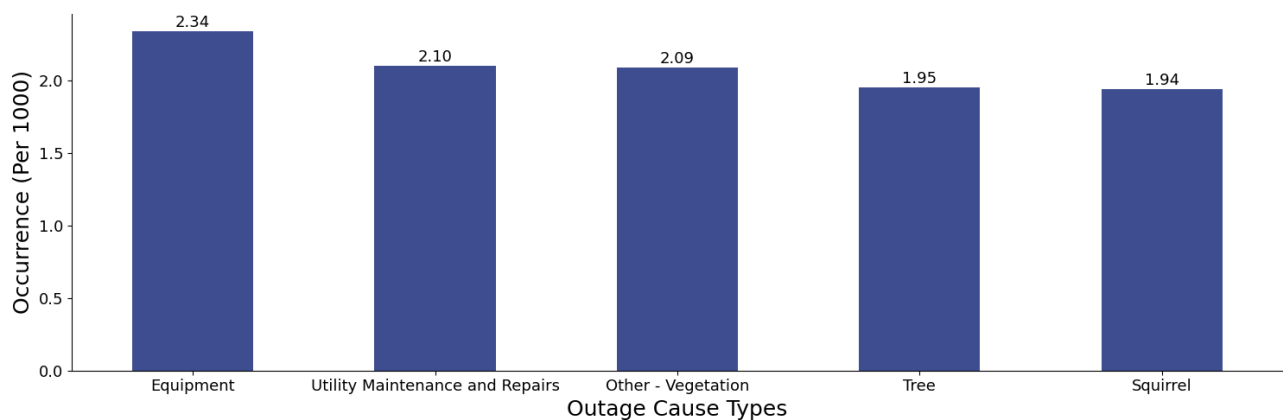
number of occurrences for each group of 1,000 customers. A customer-weighted occurrence rate of "1" means an average of one outage from that cause occurred per 1,000 customers in 2022.

Note that the sustained outage cause analysis is more comprehensive than the momentary outage cause analysis due to a larger and more robust sample size for sustained outages. Regardless, tracking both sustained and momentary outages helps utilities understand and reduce outages. To successfully use the outage information tracked by your utility, it is imperative to classify and record outages in detail. The more information provided per outage, the more conclusive and practical your analyses will be.

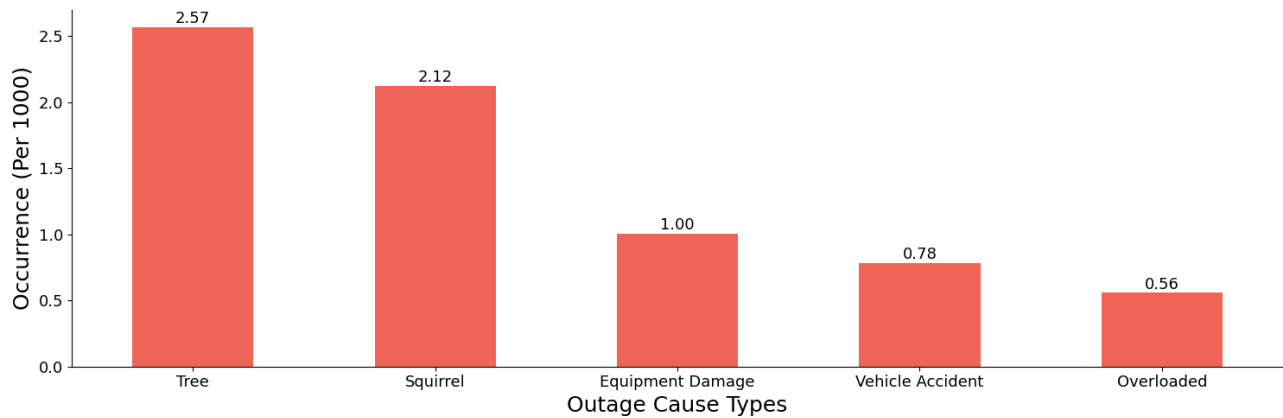
### III.1. Sustained Outage Causes

In general, sustained outages are the most commonly tracked outage type. In analyses of sustained outages, utilities tend to exclude scheduled outages, partial power, customer-related problems, and qualifying major events from their reliability indices calculations. While this is a valid method for reporting, these outages should be included for internal review to make utility-level decisions. In this section, we evaluate common causes of sustained outages for your utility, corresponding region, and for all utilities that use the eReliability Tracker. It is important to note that sustained outages are classified in this report as outages that last longer than five minutes, as defined by IEEE 1366.

**Figure 9.** Top five causes of sustained outages for all utilities that use the eReliability Tracker



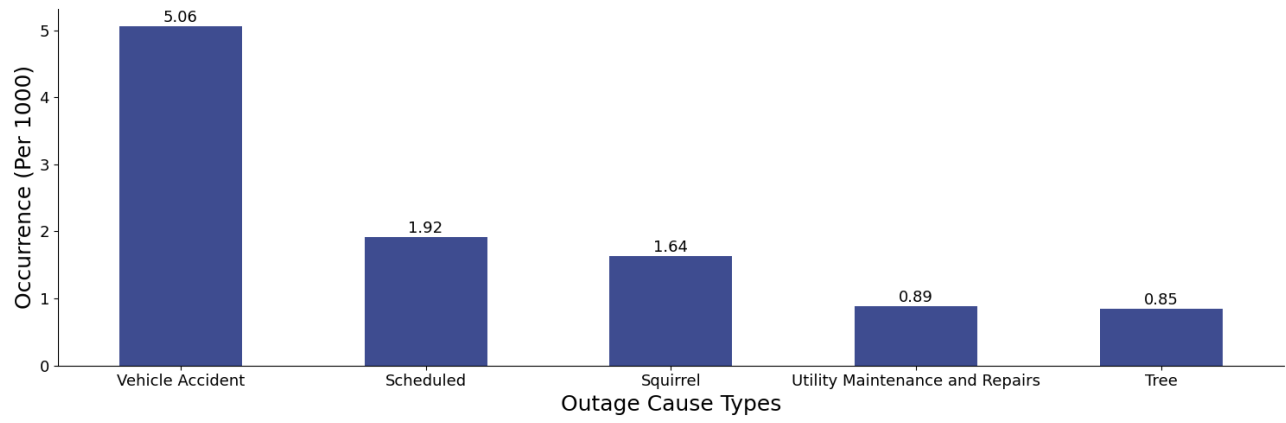
**Figure 10.** Top five causes of sustained outages for your utility<sup>[1]</sup>



1. The number of occurrences for each cause is divided by the utility's customer count (in thousands) to create an occurrence rate that can be compared across different utility sizes. [↪](#)



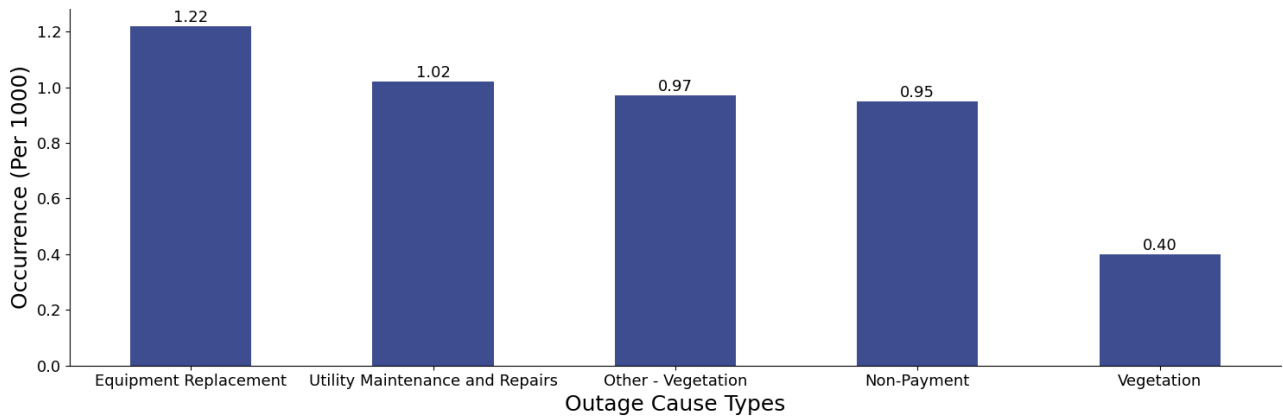
**Figure 11.** Top five causes of sustained outages in your region



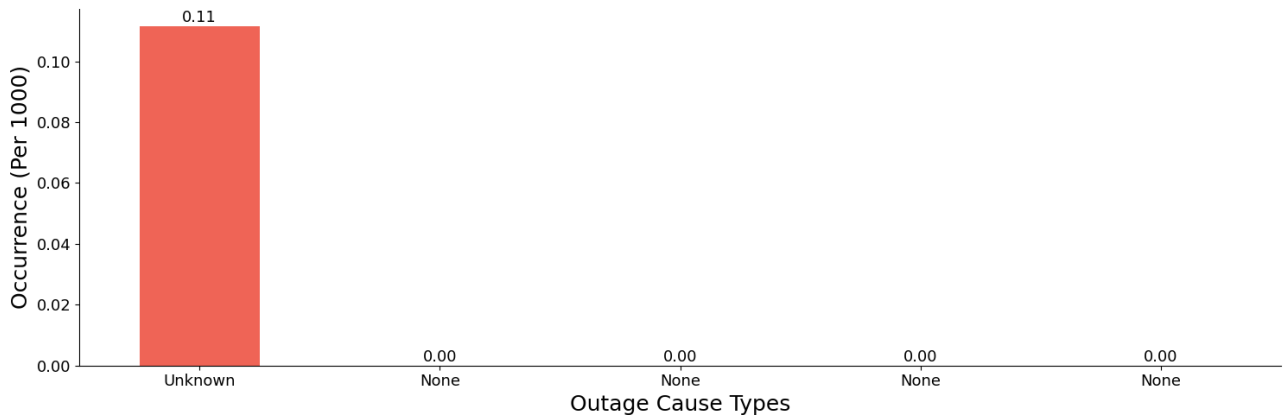
### III.2. Momentary Outage Causes

The ability to track momentary outages can be difficult or unavailable on some systems, but due to the hazard they pose for electronic equipment, it is important to track and analyze the causes of momentary outages. This section evaluates the common causes of momentary outages for your utility, region, and size class as well as common causes for all utilities that use the eReliability Tracker. Please note that only outages lasting less than five minutes are classified as momentary, as defined by IEEE 1366. In Figures 12-14, for each utility, the number of occurrences for each cause is divided by that utility's customer count (in thousands) to create an occurrence rate that can be compared across different utility sizes.

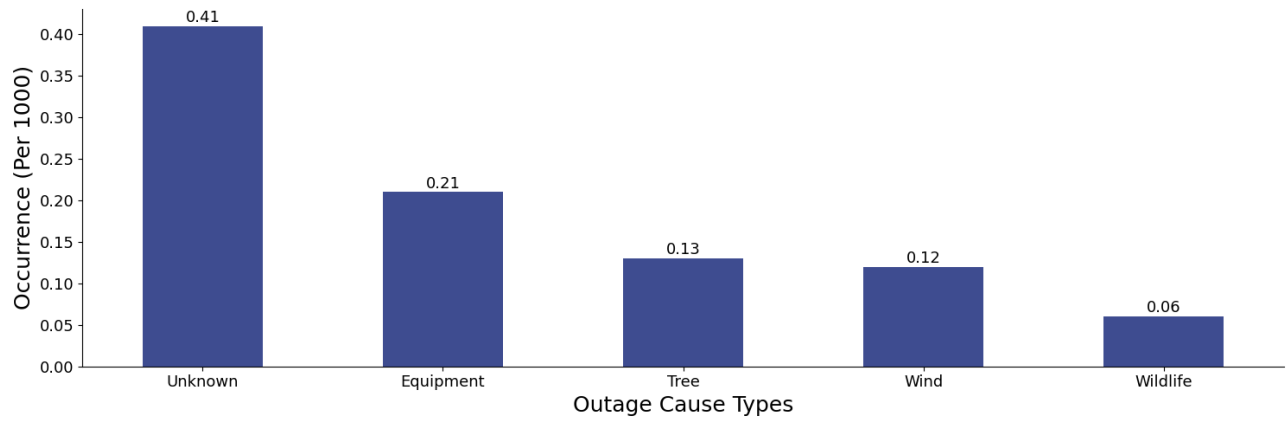
**Figure 12.** Top five causes of momentary outages for all utilities that use the eReliability Tracker



**Figure 13.** Top five causes of momentary outages for your utility



**Figure 14.** Top five causes of momentary outages in your region



Thank you for your active participation in the eReliability Tracker service. We hope this report is useful to your utility in analyzing your system. If you have any questions regarding the material provided in this report, please contact:

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**Date:** April 13, 2023

**To:** Stoughton Utilities Committee

**From:** Jill M. Weiss, P.E.  
Stoughton Utilities Director

**Subject:** Utilities Committee Future Agenda Item(s)

This item appears on all agendas of Committees of the City of Stoughton.