



# 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, September 17, 2018 at 5:00 p.m.  
Location: Edmund T. Malinowski Board Room, Stoughton Utilities Administration Office  
600 South Fourth Street, Stoughton, Wisconsin  
Members: Citizen Member Kym Ackerman, Citizen Member David Erdman (Chair),  
Aldersperson Regina Hirsch, Citizen Member John Kallas (Vice-Chair), Aldersperson  
Pat O'Connor, Mayor Tim Swadley, Aldersperson Nicole Wiessinger

## **AGENDA:**

### **CALL TO ORDER**

### **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 August 20, 2018 Regular Utilities Committee Meeting
- b. Stoughton Utilities Payments Due List Report
- c. Stoughton Utilities July 2018 Statistical Report
- d. Stoughton Utilities August 2018 Activities Report
- e. Utilities Committee Annual Calendar
- f. Communications

### **OLD BUSINESS**

1. Status of the Utilities Committee recommendation(s) to the Stoughton Common Council **(Discussion)**
2. Update on the Utilities Director position transition **(Discussion)**

### **NEW BUSINESS**

3. Stoughton Utilities Proposed 2019 Budget And Five Year (2019 – 2023) Capital Improvement Projects (CIP) Plan **(Action)**
4. Utilities Committee future agenda item(s) **(Discussion)**
5. Tour of the Stoughton Utilities Wastewater Treatment Facility **(Discussion)**

### **ADJOURNMENT**

### **OPTIONAL TOUR**

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

Stoughton Utilities Committee Members  
Stoughton Utilities Director Robert P. Kardasz, P.E.  
Stoughton Utilities Assistant Director Brian Hoops  
Stoughton Finance Director / Comptroller Jamin Friedl, CPA

cc: Stoughton City Attorney Matthew Dregne  
Stoughton Common Council Members  
Stoughton City Clerk Holly Licht  
Stoughton Leadership Team  
Stoughton Utilities Electric System Supervisor Bryce Sime  
Stoughton Utilities Operations Superintendent Sean Grady  
Stoughton Utilities Water System Supervisor Kent Thompson  
Stoughton Utilities Wastewater System Supervisor Brian Erickson  
Unified Newspaper Group - Stoughton Courier Hub

**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 Robert Kardasz or Brian Hoops via telephone at (608) 877-7423 or (608) 877-7412 respectively, or via email at [RKardasz@stoughtonutilities.com](mailto:RKardasz@stoughtonutilities.com) or [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 disabled individuals through appropriate aids and services. For information, or to request such assistance, please contact Stoughton Utilities 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 <http://stoughtonutilities.com/uc>.

# DRAFT STOUGHTON UTILITIES COMMITTEE REGULAR MEETING MINUTES

Monday, August 20, 2018 – 5:00 p.m.

Stoughton, WI

Page No. 1

**Location:** Edmund T. Malinowski Board Room  
Stoughton Utilities Administration Office  
600 South Fourth Street  
Stoughton, Wisconsin, 53589

**Members Present:** Citizen Member Kym Ackerman, Citizen Member David Erdman, Alderperson Regina Hirsch, Citizen Member John Kallas, Alderperson Pat O'Connor, Mayor Tim Swadley

**Excused:** Alderperson Nicole Wiessinger

**Absent:** None

**Others Present:** Stoughton Director of Finance & Comptroller Jamin Friedl, CPA, Stoughton Director of Human Resources & Risk Management Amy Jo Gillingham, Stoughton Utilities Assistant Director Brian Hoops, Stoughton Utilities Director Robert Kardasz, P.E.

**Call to Order:** Utilities Committee Chairperson David Erdman called the regular Stoughton Utilities Committee Meeting to order at 5:00 p.m.

**Utilities Committee Consent Agenda:** Stoughton Utilities staff presented and discussed the Stoughton Utilities Committee consent agenda items. Discussion followed.

Motion by Alderperson Regina Hirsch, the motion seconded by Citizen Member John Kallas, to approve the following consent agenda items as presented: Draft Minutes of the July 16, 2018 Regular Utilities Committee Meeting, Stoughton Utilities Payments Due List Report, Stoughton Utilities June 2018 Financial Summary, Stoughton Utilities June 2018 Statistical Report, Stoughton Utilities July 2018 Activities Report, Utilities Committee Annual Calendar, Communications. The motion carried unanimously 6 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 approved and/or placed on file by the Stoughton Common Council:

- Stoughton Utilities Payments Due List Report
- Stoughton Utilities Committee June 18, 2018 Meeting Minutes
- Stoughton Utilities May 2018 Financial Summary
- Stoughton Utilities May 2018 Statistical Report

**Regulatory review of Water Utility rates:** Stoughton Utilities and City staff presented and discussed an update on the application to the Wisconsin Public Service Commission (PSC) for authority to increase water rates. Staff had applied to the PSC in February for a regulatory rate review, seeking an average 13% increase. The PSC returned an overall increase in water rates of 12.05%, which will result in a monthly increase to the average residential customer of \$3.30. Staff informed the committee that a public hearing has been scheduled for Thursday, August 30, 2018 at 2:00 p.m., and that it is anticipated that the new rates will go into effect in early September or October. Discussion followed.

# DRAFT STOUGHTON UTILITIES COMMITTEE REGULAR MEETING MINUTES

Monday, August 20, 2018 – 5:00 p.m.

Stoughton, WI

Page No. 2

**City of Stoughton Finance & Accounting Restructuring – Update:** Stoughton Utilities and City staff presented and discussed an update on the restructuring of the City of Stoughton Finance Department, including an update on the hiring of a new Assistant Finance Director. Discussion followed.

**Wastewater treatment facility and sanitary sewer collection system 2017 Compliance Maintenance Annual Report (CMAR) – DNR Responses:** Stoughton Utilities staff presented an update to our annual CMAR filing, which was approved by the Utilities Committee and Common Council in June. The Wisconsin Department of Natural Resources (DNR) has received and approved our filing, providing favorable comments, and no further action is needed until the 2018 CMAR filing to occur in June 2019. Discussion followed.

**Retirement of the Utilities Director:** Stoughton Utilities Director Robert Kardasz submitted notice of his upcoming retirement after 38 years of dedicated service to the City of Stoughton. Stoughton Utilities and City staff discussed plans for how the vacancy will be filled. Director of Human Resources & Risk Management Amy Jo Gillingham indicated that she and Mayor Swadley were evaluating possible opportunities and discussing all options, and would be reporting out plans for refilling the position. Director Gillingham stated that there will be regular meetings held with utility staff to provide updates and to solicit their opinions. Citizen Member Erdman asked what action items would need to be taken by the Utilities Committee, and Director Gillingham indicated that there would be none, however there will be an ad-hoc committee formed that will include members of the Utilities Committee. Discussion followed.

**Employee succession planning for 2018 and beyond:** Stoughton Utilities staff presented the annual employee succession plan. Staff anticipates that two employees will be retiring within the next four years, and potentially eight more employees retiring in the five years after that. SU does not currently have any vacancies to be filled. Staff will continue cross-training efforts as employees approach possible retirement age. Discussion followed.

**Sampling of wastewater discharge from the Stoughton Junior Fair's cattle wash:** Stoughton Utilities staff and Mayor Swadley provided information about the wastewater sampling that occurred during the 2018 fair. The Stoughton Fair Association has not provided SU with any analysis of the wastewater discharge. The lease renewal between the City of Stoughton and the Stoughton Fair Association was executed on Friday, August 18, 2018, and included a provision that all waste generated by animals and animal washing station be properly disposed of off-site. This matter is considered resolved, and no wastewater will be discharged to the Wastewater Treatment Facility. Discussion followed.

**WPPI Energy Annual Meeting:** Stoughton Utilities staff invited members of the Stoughton Utilities Committee to WPPI Energy's Annual Meeting, to be held in Middleton Wisconsin on Thursday, September 13, 2018. If a quorum of the Utilities Committee may be present, the appropriate public notice will be posted as required by law. Discussion followed.

**Public Power Customer Appreciation Day:** Stoughton Utilities staff informed the Committee that our Public Power Customer Appreciation Day was originally scheduled for August 20, 2018 between 1:00 to 4:00 p.m. Due to inclement weather, this event was postponed to the rain date of August 21, 2018. This event will be held at the Nordic Ridge splash pad and shelter, and will include snacks and refreshments, park and pool toy giveaways, energy efficient lightbulb giveaways, and more. SU staff will be present to provide information on the new shelter solar array, and to promote our *Choose Renewable* program. Discussion followed.

# **DRAFT STOUGHTON UTILITIES COMMITTEE REGULAR MEETING MINUTES**

**Monday, August 20, 2018 – 5:00 p.m.**

**Stoughton, WI**

**Page No. 3**

**Utilities Committee future agenda items:** Staff informed the committee that upcoming topics include the Stoughton Utilities 2019 Budget and five year Capital Improvement Projects plan.

**Tour of the Stoughton Utilities Wastewater Treatment Facility:** Stoughton Utilities staff informed the committee that the scheduled tour of the wastewater treatment facility has been cancelled due to inclement weather, and will be rescheduled following a future meeting. Discussion followed.

**Adjournment:** Motion by Citizen Member David Erdman, the motion seconded by Alderperson Pat O'Connor, to adjourn the regular Stoughton Utilities Committee Meeting at 6:06 p.m. The motion carried unanimously 6 to 0.

Respectfully submitted

Brian R. Hoops  
Stoughton Utilities Assistant Director

Date: Thursday, September 06, 2018  
 Time: 08:22AM  
 User: SGUNSOLUS

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

Page: 1 of 11  
 Report: 03699W.rpt  
 Company: 7430

Period: - As of: 9/6/2018

Check Nbr	Type	Date	Amount Paid	Vendor ID / Name	Description
<b>Company: 7430</b>					
001656	EP	8/8/2018	101,675.78	516 WELLS FARGO BANK	VO for check batch: 308473/VO for check batch: 308473/VO for check batch: 308473/VO for check batch: 308476/VO for check batch: 308476/VO for check batch: 308476
001657	HC	8/30/2018	1,324,968.85	009 WPPI	WPPI-Renewable Energy/WPPI-Renewable Energy/WPPI-Renewable Energy/WPPI-Buy Back Solar Credit/WPPI-Buy Back Solar Credit/WPPI-Buy Back Solar Credit/WPPI-Shared Savings/WPPI-Shared Savings/WPPI-Shared Savings/WPPI-Large Power/WPPI-Large Power/More...
001658	HC	8/30/2018	841.91	004 Us Cellular - Ach	Us Cellular - Aug Ach/Us Cellular - Aug Ach/Us Cellular - Aug Ach/Us Cellular - Aug Ach/Us Cellular - Aug Ach/Us Cellular - Aug Ach/Us Cellular - Aug Ach/Us Cellular - Aug Ach/Us Cellular - Aug Ach/Us Cellular - Aug Ach/More...
001659	HC	8/30/2018	1,313.24	002 Employee Benefits Corp - Ach	EBC-Aug Ach/EBC-Aug Ach/EBC-Aug Ach/EBC-Aug Ach/EBC-Aug Ach/EBC-Aug Ach/EBC-Aug Ach/EBC-Aug Ach/EBC-Aug Ach/EBC-Aug Ach
001660	HC	8/30/2018	1,904.44	001 Delta Dental - Ach	Delta Dental - Aug Ach/Delta Dental - Aug Ach/Delta Dental - Aug Ach/Delta Dental - Aug Ach/Delta Dental - Aug Ach/Delta Dental - Aug Ach/Delta Dental - Aug Ach/Delta Dental - Aug Ach/Delta Dental - Aug Ach
001661	HC	8/30/2018	232.87	856 GORDON FLESCH COMPANY, INC.	Gordon Flesch-Aug Ach/Gordon Flesch-Aug Ach/Gordon Flesch-Aug Ach/Gordon Flesch-Aug Ach/Gordon Flesch-Aug Ach/Gordon Flesch-Aug Ach/Gordon Flesch-Aug Ach/Gordon Flesch-Aug Ach/Gordon Flesch-Aug Ach/Gordon Flesch-Aug Ach/More...
001662	HC	8/30/2018	459.60	007 TDS Metrocom - Ach	TDS Metrocom - Aug Ach/TDS Metrocom - Aug Ach/TDS Metrocom - Aug Ach/TDS Metrocom - Aug Ach/TDS Metrocom - Aug Ach/TDS Metrocom - Aug Ach/TDS Metrocom - Aug Ach/TDS Metrocom - Aug Ach/TDS Metrocom - Aug Ach
001663	HC	8/30/2018	137.57	952 AT&T	AT&T-Aug Ach/AT&T-Aug Ach/AT&T-Aug Ach/AT&T-Aug Ach/AT&T-Aug Ach

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001664	HC	8/30/2018	418.78	547 Charter Communications-Ach	Charter Comm-Aug Ach/Charter Comm-Aug Ach/Charter Comm-Aug Ach/Charter Comm-Aug Ach/Charter Comm-Aug Ach/Charter Comm-Aug Ach/Charter Comm-Aug Ach/Charter Comm-Aug Ach/Charter Comm-Aug Ach/Charter Comm-Aug Ach
001665	HC	8/30/2018	30.52	421 FIRST DATA CHARGES	First Data Charges-Aug Ach/First Data Charges-Aug Ach/First Data Charges-Aug Ach/First Data Charges-Aug Ach/First Data Charges-Aug Ach/First Data Charges-Aug Ach/First Data Charges-Aug Ach/First Data Charges-Aug Ach/First Data Charges-Aug Ach/First Data Charges-Aug Ach/More...
001666	HC	8/30/2018	311.21	003 Alliant Energy - Ach	Alliant Energy - Aug Ach/Alliant Energy - Aug Ach/Alliant Energy - Aug Ach/Alliant Energy - Aug Ach/Alliant Energy - Aug Ach/Alliant Energy - Aug Ach/Alliant Energy - Aug Ach/Alliant Energy - Aug Ach/Alliant Energy - Aug Ach/Alliant Energy - Aug Ach+
001667	HC	8/30/2018	58,902.91	010 WI Dept. of Revenue Taxpayment-Ach	Dept of Rev-Aug Ach/Dept of Rev-Aug Ach/Dept of Rev-Aug Ach/Dept of Rev-Aug Ach/Dept of Rev-Aug Ach/Dept of Rev-Aug Ach/Dept of Rev-Aug Ach/Dept of Rev-Aug Ach/Dept of Rev-Aug Ach/Dept of Rev-Aug Ach
001668	HC	8/30/2018	7,166.33	008 Payroll State Taxes - Ach	State Taxes-Aug Ach/State Taxes-Aug Ach/State Taxes-Aug Ach/State Taxes-Aug Ach/State Taxes-Aug Ach/State Taxes-Aug Ach/State Taxes-Aug Ach/State Taxes-Aug Ach/State Taxes-Aug Ach/State Taxes-Aug Ach
001669	HC	8/30/2018	36,948.21	025 Payroll Federal Taxes- Ach	Federal Taxes-Aug Ach/Federal Taxes-Aug Ach/Federal Taxes-Aug Ach/Federal Taxes-Aug Ach/Federal Taxes-Aug Ach/Federal Taxes-Aug Ach/Federal Taxes-Aug Ach/Federal Taxes-Aug Ach/Federal Taxes-Aug Ach/Federal Taxes-Aug Ach/More...
001670	HC	8/30/2018	9,198.04	020 Wells Fargo Bank-Ach	Client Analysis-Aug Ach/Client Analysis-Aug Ach/Client Analysis-Aug Ach/Client Analysis-Aug Ach/Client Analysis-Aug Ach/Client Analysis-Aug Ach/Client Analysis-Aug Ach/Client Analysis-Aug Ach/Client Analysis-Aug Ach/Client Analysis-Aug Ach/More...
025765	CK	8/1/2018	5,040.00	058 BOARDMAN CLARK LLP	Boardman-Pole Agreement work/Boardman-Pole Agreement work/Boardman-Pole Agreement work





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025779	CK	8/8/2018	60,649.42	042 EMILY SIMMONS	Pro Electric-West Sub/Pro Electric-West Sub/Pro Electric-West Sub
025780	CK	8/8/2018	86.94	254 JOHN TOSO	J Toso-Customer Refund/J Toso-Customer Refund/J Toso-Customer Refund
025781	CK	8/8/2018	132,609.59	276 PRO ELECTRIC, INC.	Pro Electric-West Sub/Pro Electric-West Sub/Pro Electric-West Sub
025782	CK	8/8/2018	327.50	327 BORDER STATES ELECTRIC SUPPLY	Border States-Supplies/Border States-Supplies/Border States-Supplies
025783	CK	8/8/2018	67.62	551 JOSHUA WEISENSEL	J Weisensel-Customer Refund/J Weisensel-Customer Refund/J Weisensel-Customer Refund
025784	CK	8/8/2018	67.93	851 DIVISION OF ENERGY HOUSING AND COMM. RESOURCE	Div of Energy-Customer Refund/Div of Energy-Customer Refund/Div of Energy-Customer Refund
025785	CK	8/8/2018	12,781.00	290 MID-WEST TREE & EXCAVATION, INC	Midwest-Trenching/Midwest-Trenching/Midwest-Trenching/Midwest-Trenching/Midwest-Trenching/Midwest-Trenching
025786	CK	8/8/2018	13.42	368 STOUGHTON AREA RESOURCE TEAM	Stoton Area-Customer Refund/Stoton Area-Customer Refund/Stoton Area-Customer Refund
025787	CK	8/8/2018	1,122.38	400 RESCO	Resco-Inventory/Resco-Inventory/Resco-Inventory/Resco-Supplies/Resco-Supplies/Resco-Supplies
025788	CK	8/8/2018	202.15	405 ROSENBAUM CRUSHING & EXCAV.	Rosenbaum-Top Soil/Rosenbaum-Top Soil/Rosenbaum-Top Soil/Rosenbaum-Top Soil/Rosenbaum-Top Soil
025789	CK	8/8/2018	7,400.00	593 UNITED LIQUID WASTE RECYCLING, INC	United Liquid-Sludge Haul/United Liquid-Sludge Haul/United Liquid-Sludge Haul
025790	CK	8/8/2018	420.00	041 POWER SYSTEM ENGINEERING, INC.	Power System-GIS work/Power System-GIS work/Power System-GIS work
025791	CK	8/8/2018	460.00	084 HARVEST FARMS, LLC	Harvest Farms-Credits/Harvest Farms-Credits/Harvest Farms-Credits

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025792	CK	8/8/2018	25,853.04	448 STRAND ASSOCIATES INC.	Strand-Scada Report issues/Strand-Scada Report issues/Strand-Scada Report issues/Strand-Nordic Ridge/Strand-Nordic Ridge/Strand-Nordic Ridge/Strand-West Main/Strand-West Main/Strand-West Main/Strand-18 Utility const/Strand-18 Utility const/More...
025793	CK	8/8/2018	75.80	958 ROBERT NELSON	R Nelson-Customer Refund/R Nelson-Customer Refund/R Nelson-Customer Refund
025794	CK	8/8/2018	275.00	986 AICPA	AICPA - membership/AICPA - membership/AICPA - membership/AICPA - membership/AICPA - membership/AICPA - membership
025795	CK	8/8/2018	849,166.00	131 CITY OF STOUGHTON	City Stoton-Pilot/City Stoton-Pilot/City Stoton-Pilot/City Stoton-Pilot/City Stoton-Pilot/City Stoton-Pilot/City Stoton-Pilot/City Stoton-Pilot/City Stoton-Pilot/City Stoton-Pilot
025796	CK	8/8/2018	176.77	133 WISCONSIN SCTF	WI SCTF-Aug A Support/WI SCTF-Aug A Support/WI SCTF-Aug A Support
025797	CK	8/8/2018	40.00	133 WISCONSIN SCTF	WI SCTF-Aug A Support/WI SCTF-Aug A Support/WI SCTF-Aug A Support
025798	CK	8/8/2018	272.00	133 WISCONSIN SCTF	WI SCTF-Aug A Support/WI SCTF-Aug A Support/WI SCTF-Aug A Support
025799	CK	8/8/2018	134.47	296 INTEGRITY HOME SALES, INC	Integrity Homes-Customer Ref/Integrity Homes-Customer Ref/Integrity Homes-Customer Ref/Integrity Homes-Customer Ref
025800	CK	8/13/2018	170.45	358 KUNZ GLOVE CO., INC.	Kunz Gloves-Gloves/Kunz Gloves-Gloves/Kunz Gloves-Gloves
025801	CK	8/13/2018	3,252.14	451 INSIGHT FS	Insight-Fuel/Insight-Fuel/Insight-Fuel/Insight-Fuel/Insight-Fuel/Insight-Fuel/Insight-Fuel/Insight-Fuel/Insight-Fuel
025802	CK	8/13/2018	470.40	726 J & R UNDERGROUND	J & R - Scada Upgrades/J & R - Scada Upgrades/J & R - Scada Upgrades
025803	CK	8/13/2018	87.00	042 EMILY SIMMONS	E Simmons-Customer Refund/E Simmons-Customer Refund/E Simmons-Customer Refund

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025804	CK	8/13/2018	276.01	329 TEE BOX HOLDING, LLC	Tee Box-Customer Refund/Tee Box-Customer Refund/Tee Box-Customer Refund
025805	CK	8/13/2018	45.11	369 DANIELLE BOULLION	D Boullion-Customer Refund/D Boullion-Customer Refund/D Boullion-Customer Refund
025806	CK	8/13/2018	22.26	586 THOMAS BUSHAW	T Bushaw-Customer Refund/T Bushaw-Customer Refund/T Bushaw-Customer Refund
025807	CK	8/13/2018	101.58	704 SUZANNE FOSDAL	S Fosdal-Customer Refund/S Fosdal-Customer Refund/S Fosdal-Customer Refund
025808	CK	8/13/2018	164.43	382 SUSAN AMEND	S Amend-Customer Refund/S Amend-Customer Refund/S Amend-Customer Refund
025809	CK	8/13/2018	41.63	764 ANDREA GARN	A Garn-Customer Refund/A Garn-Customer Refund/A Garn-Customer Refund
025810	CK	8/13/2018	166.25	771 FRANK BECKER	F Becker-Customer Refund/F Becker-Customer Refund/F Becker-Customer Refund
025811	CK	8/13/2018	156.75	796 RONALD AGEE	R Agee-Customer Refund/R Agee-Customer Refund/R Agee-Customer Refund
025812	CK	8/13/2018	93.99	876 JACK PHILIPPI	J Philippi-Customer Refund/J Philippi-Customer Refund/J Philippi-Customer Refund
025813	CK	8/14/2018	123,386.24	131 CITY OF STOUGHTON	City Stoton-Vaccine/City Stoton-June Legal Shield/City Stoton-June Legal Shield/City Stoton-June Legal Shield/City Stoton-Vaccine/City Stoton-Vaccine/City Stoton-Pay Req 1/City Stoton-Pay Req 1/City Stoton-Pay Req 1/City Stoton-Pay Req 1/More...
025814	CK	8/14/2018	80,605.91	276 PRO ELECTRIC, INC.	Pro Electric-West Sub/Pro Electric-West Sub/Pro Electric-West Sub
025815	CK	8/14/2018	16,067.90	539 DEPT OF ADMIN-WISMART VENDOR #396028867 E	Dept of Admin-Public Ben/Dept of Admin-Public Ben/Dept of Admin-Public Ben
025816	CK	8/14/2018	275.00	713 CHIPPEWA VALLEY TECH. COLLEGE	Chippewa-Lineman school/Chippewa-Lineman school/Chippewa-Lineman school
025817	CK	8/14/2018	307.86	210 CINDY RIEBE	C Riebe-Customer Refund/C Riebe-Customer Refund/C Riebe-Customer Refund

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025818	CK	8/14/2018	26,885.74	303 MP SYSTEMS, INC.	MP Systems-Scada Upgrades/MP Systems-Scada Upgrades/MP Systems-Scada Upgrades/MP Systems-Scada Upgrades/MP Systems-Scada Upgrades
025819	CK	8/14/2018	868.41	400 RESCO	Resco-Supplies/Resco-Supplies/Resco-Supplies/Resco-Supplies/Resco-Supplies/Resco-Supplies/Resco-Supplies/Resco-Supplies/Resco-Supplies/Resco-Supplies
025820	CK	8/14/2018	41.00	581 SUSAN SPARKS	S Sparks-Customer Refund/S Sparks-Customer Refund/S Sparks-Customer Refund
025821	CK	8/14/2018	12.35	095 ASSURITY INVESTMENTS LLC	Assurity-Customer Refund/Assurity-Customer Refund/Assurity-Customer Refund
025822	CK	8/14/2018	65.94	154 MICHAEL ELLIOTT	M Elliott-Customer Refund/M Elliott-Customer Refund/M Elliott-Customer Refund
025823	CK	8/14/2018	44.74	203 ANN HOEL	A Hoel-Customer Refund/A Hoel-Customer Refund/A Hoel-Customer Refund
025824	CK	8/14/2018	8.30	740 JACOB GRAHMS	J Grahms-Customer Refund/J Grahms-Customer Refund/J Grahms-Customer Refund
025825	CK	8/14/2018	20.00	938 KEITH SLINDE	K Slinde-Customer Refund/K Slinde-Customer Refund/K Slinde-Customer Refund
025826	CK	8/22/2018	20,466.00	767 MADISON TRUCK EQUIPMENT INC	Mad Truck-Dump Body/Mad Truck-Dump Body/Mad Truck-Dump Body
025827	CK	8/22/2018	45.00	961 STOUGHTON COURIER HUB	Stoton Hub-Subscription/Stoton Hub-Subscription/Stoton Hub-Subscription/Stoton Hub-Subscription/Stoton Hub-Subscription/Stoton Hub-Subscription/Stoton Hub-Subscription/Stoton Hub-Subscription/Stoton Hub-Subscription
025828	CK	8/22/2018	268.80	327 BORDER STATES ELECTRIC SUPPLY	Border States-Inventory/Border States-Inventory/Border States-Inventory
025829	CK	8/22/2018	1,359.82	400 RESCO	Resco-CT/Resco-CT/Resco-CT/Resco-Supplies/Resco-Supplies/Resco-Supplies
025830	CK	8/22/2018	5,232.65	727 GLS UTILITY LLC	GLS - July Locates/GLS - July Locates/GLS - July Locates/GLS - July Locates/GLS - July Locates/GLS - July Locates/GLS - July Locates/GLS - July Locates/GLS - July Locates
025831	CK	8/22/2018	17,165.80	855 CRANE ENGINEERING SALES, INC.	Crane Eng-Service Materials/Crane Eng-Service Materials/Crane Eng-Service Materials

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025832	CK	8/22/2018	120.00	041 POWER SYSTEM ENGINEERING, INC.	Power Systems-Gis Support/Power Systems-Gis Support/Power Systems-Gis Support
025833	CK	8/22/2018	460.00	084 HARVEST FARMS, LLC	Harvest Farms-Credits/Harvest Farms-Credits/Harvest Farms-Credits
025834	CK	8/22/2018	44,159.52	131 CITY OF STOUGHTON	City Stoton-Stormwater/City Stoton-Stormwater/City Stoton-Stormwater
025835	CK	8/22/2018	176.77	133 WISCONSIN SCTF	WI SCTF-Aug B Support/WI SCTF-Aug B Support/WI SCTF-Aug B Support
025836	CK	8/22/2018	40.00	133 WISCONSIN SCTF	WI SCTF-Aug B Support/WI SCTF-Aug B Support/WI SCTF-Aug B Support
025837	CK	8/22/2018	272.00	133 WISCONSIN SCTF	WI SCTF-Aug B Support/WI SCTF-Aug B Support/WI SCTF-Aug B Support
025838	CK	8/22/2018	62.70	315 RAYLENE BRINKMEIER	R Brinkmeier-Customer Refund/R Brinkmeier-Customer Refund/R Brinkmeier-Customer Refund
025839	CK	8/22/2018	106.50	324 ELECTRICAL TESTING LAB., LLC.	Elec Testing-Tests/Elec Testing-Tests/Elec Testing-Tests
025840	CK	8/22/2018	57.00	584 VINING SPARKS IBG, L.P.	Vining Sparks-Safekeeping/Vining Sparks-Safekeeping/Vining Sparks-Safekeeping
025841	CK	8/22/2018	118.44	931 THE WILSON BOHANNAN PADLOCK CO.	Wilson Boh-Brass Padlock/Wilson Boh-Brass Padlock/Wilson Boh-Brass Padlock
025842	CK	8/22/2018	18,920.22	131 CITY OF STOUGHTON	City Stoton-Aug Retirement/City Stoton-Aug Retirement/City Stoton-Aug Retirement/City Stoton-Aug Retirement/City Stoton-Aug Retirement/City Stoton-Aug Retirement/City Stoton-Aug Retirement/City Stoton-Aug Retirement
025843	CK	8/22/2018	90.00	151 JOE BAILEY	J Bailey-Customer Refund/J Bailey-Customer Refund/J Bailey-Customer Refund
025844	CK	8/22/2018	106.69	572 LARRY IVERSON	L Iverson-Customer Refund/L Iverson-Customer Refund/L Iverson-Customer Refund
025845	CK	8/22/2018	189.55	744 NADIA SCHUTTE	N Schutte-Customer Refund/N Schutte-Customer Refund/N Schutte-Customer Refund





Date: Thursday, September 06, 2018  
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**Stoughton Utilities**  
**Check Register Summary - Standard**

Page: 11 of 11  
Report: 03699W.rpt  
Company: 7430

Period: - As of: 9/6/2018

Check Nbr	Type	Date	Amount Paid	Vendor ID / Name	Description
101712	CK	8/22/2018	4,120.00	463 GREAT-WEST	Great West-June B Def Comp/Great West-June B Def Comp/Great West-June B Def Comp
<b>Company Total</b>			3,127,130.04		



Date: Wednesday, August 08, 2018

Time: 01:31PM

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# Stoughton Utilities Posting Preview Report

Select By: {PSSPurchCard.RefNbr} = '0000000087'

Company	Account	Sub	Vendor ID	Merchant	Amount	Description	Post Date	Emp ID	Projec
<b>Import ID: 009010</b>		<b>Import # : 0000000087</b>							
7460	107.14	000000	937	SPEE-DEE DELIVERY	32.93	PARADISE POND TESTING	07/02/2018	8300	180303XX - 1
7460	833	000000	974	NORTHERN LAKE SERVICE, IN	48.00	OUTSIDE LAB SERVICES	07/06/2018	8300	-
7460	107.14	000000	974	NORTHERN LAKE SERVICE, IN	281.00	PARADISE POND TESTING	07/11/2018	8300	180303XX - 1
7460	833	000000	830	NCL OF WISCONSIN INC	85.18	LAB SUPPLIES	07/16/2018	8300	-
7460	107.14	000000	937	SPEE-DEE DELIVERY	13.71	PARADISE POND TESTING	07/16/2018	8300	180303XX - 1
7460	833	000000	830	NCL OF WISCONSIN INC	2,682.14	LAB SUPPLIES AND TESTING	07/18/2018	8300	-
7460	833	000000	937	SPEE-DEE DELIVERY	21.01	SAMPLE SHIPPING	07/23/2018	8300	-
7460	107.14	000000	974	NORTHERN LAKE SERVICE, IN	562.00	PARADISE POND TESTING	07/26/2018	8300	180303XX - 1
7460	833	000000	830	NCL OF WISCONSIN INC	203.71	LAB SUPPLIES	07/27/2018	8300	-
7460	833	000000	937	SPEE-DEE DELIVERY	13.71	SAMPLE SHIPPING	07/30/2018	8300	-
7430	921	000000	926	SVA CONSULTING	264.00	SOFTWARE LICENSING - MS DYNAMICS HR MODULE - ANNUAL	07/12/2018	3550	-
7450	921	000000	926	SVA CONSULTING	96.00	SOFTWARE LICENSING - MS DYNAMICS HR MODULE - ANNUAL	07/12/2018	3550	-
7460	851	000000	926	SVA CONSULTING	120.00	SOFTWARE LICENSING - MS DYNAMICS HR MODULE - ANNUAL	07/12/2018	3550	-
7430	586	000000	259	ITRON INC	1,238.64	Itron Metering - Quarterly hardware and software maintenance and support	07/13/2018	3650	-
7450	663	000000	259	ITRON INC	450.41	Itron Metering - Quarterly hardware and software maintenance and support	07/13/2018	3650	-
7460	851	000000	259	ITRON INC	563.03	Itron Metering - Quarterly hardware and software maintenance and support	07/13/2018	3650	-
7430	903	000000	419	PAYFLOW/PAYPAL	39.97	Credit card processing - desktop and recurring	07/03/2018	5250	-
7450	903	000000	419	PAYFLOW/PAYPAL	14.39	Credit card processing - desktop and recurring	07/03/2018	5250	-
7460	840	000000	419	PAYFLOW/PAYPAL	19.18	Credit card processing - desktop and recurring	07/03/2018	5250	-
7430	233	001099	419	PAYFLOW/PAYPAL	6.41	Credit card processing - desktop and recurring	07/03/2018	5250	-
7430	903	000000	419	PAYFLOW/PAYPAL	61.47	Credit card processing - MyAccount online	07/03/2018	5250	-
7450	903	000000	419	PAYFLOW/PAYPAL	22.13	Credit card processing - MyAccount online	07/03/2018	5250	-
7460	840	000000	419	PAYFLOW/PAYPAL	29.50	Credit card processing - MyAccount online	07/03/2018	5250	-
7430	233	001099	419	PAYFLOW/PAYPAL	9.85	Credit card processing - MyAccount online	07/03/2018	5250	-
7430	921	000000	836	MSFT E040063E9P	31.90	SOFTWARE LICENSING - HOSTED MICROSOFT LYNC	07/04/2018	5250	-
7450	921	000000	836	MSFT E040063E9P	11.60	SOFTWARE LICENSING - HOSTED MICROSOFT LYNC	07/04/2018	5250	-
7460	851	000000	836	MSFT E040063E9P	14.50	SOFTWARE LICENSING - HOSTED MICROSOFT LYNC	07/04/2018	5250	-
7450	921	000000	153	HANSON ELECTRONICS LTD	87.50	WT/WW on-call phone replacement	07/16/2018	5250	-
7460	851	000000	153	HANSON ELECTRONICS LTD	87.50	WT/WW on-call phone replacement	07/16/2018	5250	-
7450	921	000000	994	WIN-911 SOFTWARE	247.50	SOFTWARE MAINTENANCE - WT-WW SCADA SOFTWARE DIALER - ANNI	07/30/2018	5250	-
7460	851	000000	994	WIN-911 SOFTWARE	247.50	SOFTWARE MAINTENANCE - WT-WW SCADA SOFTWARE DIALER - ANNI	07/30/2018	5250	-
7430	593	000000	108	ASLESON'S TRUE VALUE HDW	34.44	WEATHER STRIPPING AND SCREWS/WASHERS	07/27/2018	5200	-
7450	642	000000	571	USA BLUE BOOK	60.57	LAB SUPPLIES	07/10/2018	8400	-
7450	642	000000	108	ASLESON'S TRUE VALUE HDW	31.99	TOOL FOR WATER DEPT.	07/10/2018	8400	-
7450	662	000000	108	ASLESON'S TRUE VALUE HDW	4.58	PARTS FOR HOSE MONSTER	07/11/2018	8400	-
7450	642	000000	571	USA BLUE BOOK	40.69	WATER DEPT SUPPLIES	07/12/2018	8400	-
7450	920	000000	894	ROCKY ROCOCO	8.96	LUNCH FOR TRAINING	07/26/2018	8400	-
7430	163	000000	436	STOUGHTON LUMBER CO	14.00	ELECTRIC YARD REPAIR	07/02/2018	8700	-
7450	631	000000	108	ASLESON'S TRUE VALUE HDW	9.99	CLEANER FOR WELLS 4 AND 6	07/10/2018	8700	-
7430	932	000000	436	STOUGHTON LUMBER CO	9.32	MISC ELECTRIC SUPPLIES	07/11/2018	8700	-
7450	633	000000	108	ASLESON'S TRUE VALUE HDW	17.45	MISC SUPPLIES	07/17/2018	8700	-
7430	932	000000	436	STOUGHTON LUMBER CO	43.32	REPAIR ELECTRIC OFFICE DOORS	07/19/2018	8700	-

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# Stoughton Utilities Posting Preview Report

Select By: {PSSPurchCard.RefNbr} = '0000000087'

Company	Account	Sub	Vendor ID	Merchant	Amount	Description	Post Date	Emp ID	Projec
7430	932	000000	108	ASLESON'S TRUE VALUE HDW	6.99	ELECTRIC OFFICE DOOR REPAIRS	07/20/2018	8700	-
7450	642	000000	148	FASTENAL COMPANY01	51.03	GRINDER BLADES	07/24/2018	8700	-
7450	920	000000	894	ROCKY ROCOCO	8.96	LUNCH AT TRAINING	07/26/2018	8700	-
7450	923	000000	474	UNIFIED NEWSPAPER GROUP	114.00	HYDRANT FLUSHING AD	07/04/2018	7400	-
7430	392	000000	857	WORK TRUCK STUFF INC	3,725.50	TRUCK 8 COSTS	07/04/2018	7400	-
7450	641	000000	309	HAWKINS INC	960.87	CHEMICALS	07/06/2018	7400	-
7450	642	000000	830	NCL OF WISCONSIN INC	124.40	LAB SUPPLIES	07/06/2018	7400	-
7450	642	000000	675	WI STATE HYGIENE LAB	25.00	FLOURIDE TESTING	07/06/2018	7400	-
7450	662	000000	994	ASSURED FLOW SALES	157.05	LUBRICANT	07/13/2018	7400	-
7430	107.14	000000	436	STOUGHTON LUMBER CO	12.50	MISC SUPPLIES	07/18/2018	7400	180006CA - 1
7450	675	000000	775	NOR NORTHERN TOOL	66.54	CURB STOP REPAIR TOOLS	07/20/2018	7400	-
7450	641	000000	309	HAWKINS INC	1,753.37	CHEMICALS	07/26/2018	7400	-
7450	932	000000	108	ASLESON'S TRUE VALUE HDW	6.49	OFFICE WASP NEST	07/26/2018	7400	-
7450	642	000000	974	NORTHERN LAKE SERVICE, IN	40.00	LEAD AND COPPER TESTING	07/26/2018	7400	-
7450	642	000000	571	USA BLUE BOOK	103.75	SAMPLE STANDARDS	07/27/2018	7400	-
7460	833	000000	148	FASTENAL COMPANY01	10.12	BEARINGS FOR RAS PUMP	07/20/2018	8710	-
7460	831	000000	108	ASLESON'S TRUE VALUE HDW	8.52	PARTS FOR CAMERA	07/25/2018	8710	-
7460	831	000000	148	FASTENAL COMPANY01	9.30	CAMERA PARTS	07/31/2018	8710	-
7460	833	000000	115	HOMEDEPOT.COM	204.66	FRIG FOR INFLUENT SAMPLER	07/02/2018	8200	-
7460	827	000000	775	NORTHERN TOOL + EQUIP	18.98	O-RING SET AND SOCKET TRAY	07/02/2018	8200	-
7460	827	000000	994	MAGID GLOVE SAFETY	154.00	GLOVES	07/10/2018	8200	-
7460	827	000000	108	ASLESON'S TRUE VALUE HDW	45.98	DRILL BIT KIT	07/11/2018	8200	-
7460	834	000000	994	AMAZON MKTPLACE PMTS	41.88	PAINT BRUSHES	07/11/2018	8200	-
7460	831	000000	108	ASLESON'S TRUE VALUE HDW	10.07	STAKES FOR LS	07/13/2018	8200	-
7460	831	000000	674	NORTHERN SEWER EQUIP	162.10	TELEVISIONING CAMERA PARTS	07/18/2018	8200	-
7460	834	000000	236	GRAINGER	701.55	GRATING FOR FLOOR DRAIN	07/19/2018	8200	-
7460	833	000000	674	NORTHERN SEWER EQUIP	512.60	MISC SUPPLIES	07/20/2018	8200	-
7460	831	000000	571	USA BLUE BOOK	40.05	COUPLING FOR SUCTION HOSE	07/24/2018	8200	-
7460	833	000000	067	SCHAEFFER MANUFACTURING	964.80	GREASE FOR SCREW PUMPS	07/24/2018	8200	-
7460	831	000000	674	NORTHERN SEWER EQUIP	2,459.16	TRACTOR REPAIR/TELEVISIONING	07/25/2018	8200	-
7430	921	000000	352	STAPLS7200311992000001	120.71	MISC. KITCHEN AND MEETING SUPPLIES	07/04/2018	3680	-
7450	921	000000	352	STAPLS7200311992000001	43.89	MISC. KITCHEN AND MEETING SUPPLIES	07/04/2018	3680	-
7460	851	000000	352	STAPLS7200311992000001	54.89	MISC. KITCHEN AND MEETING SUPPLIES	07/04/2018	3680	-
7450	642	000000	824	UPS 1ZG194WT0320446770	9.73	SHIPPING OF WATER SAMPLES	07/12/2018	3680	-
7450	642	000000	824	UPS 1ZG194WT0320868181	9.73	SHIPPING OF WATER SAMPLES	07/12/2018	3680	-
7430	920	000000	601	SQ FOSDAL HOME BAKERY	5.44	Meeting expense - Utilities Committee	07/17/2018	3680	-
7450	920	000000	601	SQ FOSDAL HOME BAKERY	1.98	Meeting expense - Utilities Committee	07/17/2018	3680	-
7460	850	000000	601	SQ FOSDAL HOME BAKERY	2.48	Meeting expense - Utilities Committee	07/17/2018	3680	-
7430	921	000000	352	STAPLS7200822423000001	207.47	GENERAL OFFICE SUPPLIES	07/16/2018	3680	-
7450	921	000000	352	STAPLS7200822423000001	74.68	GENERAL OFFICE SUPPLIES	07/16/2018	3680	-
7460	851	000000	352	STAPLS7200822423000001	99.58	GENERAL OFFICE SUPPLIES	07/16/2018	3680	-
7430	233	001099	352	STAPLS7200822423000001	33.21	GENERAL OFFICE SUPPLIES	07/16/2018	3680	-
7430	921	000000	889	PITNEY BOWES PI	36.33	General mailing supplies	07/16/2018	3680	-
7450	921	000000	889	PITNEY BOWES PI	13.08	General mailing supplies	07/16/2018	3680	-

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# Stoughton Utilities Posting Preview Report

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Company	Account	Sub	Vendor ID	Merchant	Amount	Description	Post Date	Emp ID	Projec
7460	851	000000	889	PITNEY BOWES PI	17.44	General mailing supplies	07/16/2018	3680	-
7430	233	001099	889	PITNEY BOWES PI	5.82	General mailing supplies	07/16/2018	3680	-
7430	920	000000	994	JIMMY JOHNS - 1959 - E	26.27	Meeting expense - SU supervisors	07/18/2018	3680	-
7450	920	000000	994	JIMMY JOHNS - 1959 - E	9.55	Meeting expense - SU supervisors	07/18/2018	3680	-
7460	850	000000	994	JIMMY JOHNS - 1959 - E	11.96	Meeting expense - SU supervisors	07/18/2018	3680	-
7450	642	000000	824	UPS 1ZG194WT0337143397	9.73	SHIPPING OF WATER SAMPLES	07/19/2018	3680	-
7450	642	000000	824	UPS 1ZG194WT0305310337	9.73	SHIPPING OF WATER SAMPLES	07/26/2018	3680	-
7430	143	000000	994	AMAZON MKTPLACE PMTS WWW.	229.88	Energy Conservation prize for Public Power Week - WPPI Reimbursed	07/27/2018	3680	-
7430	921	000000	352	STAPLS7201540956000001	20.78	GENERAL OFFICE SUPPLIES	07/27/2018	3680	-
7450	921	000000	352	STAPLS7201540956000001	7.48	GENERAL OFFICE SUPPLIES	07/27/2018	3680	-
7460	851	000000	352	STAPLS7201540956000001	9.97	GENERAL OFFICE SUPPLIES	07/27/2018	3680	-
7430	921	000000	352	STAPLS7201540956000001	3.34	GENERAL OFFICE SUPPLIES	07/27/2018	3680	-
7430	594	000000	436	STOUGHTON LUMBER CO	53.98	GRASS SEED/STRAW	07/26/2018	5296	-
7430	593	000000	436	STOUGHTON LUMBER CO	9.90	MISC ELECTRIC SUPPLIES	07/04/2018	6930	-
7450	642	000000	974	NORTHERN LAKE SERVICE, IN	560.00	WATER SAMPLES	07/13/2018	5275	-
7450	675	000000	108	ASLESON'S TRUE VALUE HDW	21.47	LUBRICANT FOR CURB STOPS	07/19/2018	5275	-
7430	932	000000	436	STOUGHTON LUMBER CO	23.98	SMALL TRUCK ROOM LIGHTS	07/26/2018	6980	-
7450	631	000000	436	STOUGHTON LUMBER CO	44.99	WORK AT WELL 5	07/30/2018	6980	-
7460	831	000000	108	ASLESON'S TRUE VALUE HDW	5.97	JET VAC PIPE FITTING	07/03/2018	8740	-
7460	833	000000	148	FASTENAL COMPANY01	7.34	GLOVES	07/20/2018	8740	-
7460	831	000000	108	ASLESON'S TRUE VALUE HDW	19.98	RATCHET STRAPS FOR COLLECTING TRUCK	07/24/2018	8740	-
7430	926	000000	809	CINTAS 446	186.26	UNIFORM CLEANING	07/02/2018	4000	-
7450	926	000000	809	CINTAS 446	35.55	UNIFORM CLEANING	07/02/2018	4000	-
7460	854	000000	809	CINTAS 446	26.31	UNIFORM CLEANING	07/02/2018	4000	-
7430	926	000000	809	CINTAS 446	186.26	UNIFORM CLEANING	07/09/2018	4000	-
7450	926	000000	809	CINTAS 446	35.55	UNIFORM CLEANING	07/09/2018	4000	-
7460	854	000000	809	CINTAS 446	26.31	UNIFORM CLEANING	07/09/2018	4000	-
7430	934	000000	994	CAPITAL EQUIPMENT	69.00	FORK LIFT MAINT	07/11/2018	4000	-
7430	932	000000	322	IN SUNDANCE BIOCLEAN, IN	280.50	JANITORIAL SERVICES	07/13/2018	4000	-
7450	932	000000	322	IN SUNDANCE BIOCLEAN, IN	102.00	JANITORIAL SERVICES	07/13/2018	4000	-
7460	834	000000	322	IN SUNDANCE BIOCLEAN, IN	127.50	JANITORIAL SERVICES	07/13/2018	4000	-
7430	926	000000	809	CINTAS 446	186.26	UNIFORM CLEANING	07/16/2018	4000	-
7450	926	000000	809	CINTAS 446	35.55	UNIFORM CLEANING	07/16/2018	4000	-
7460	854	000000	809	CINTAS 446	26.31	UNIFORM CLEANING	07/16/2018	4000	-
7430	926	000000	809	CINTAS 446	186.26	UNIFORM CLEANING	07/23/2018	4000	-
7450	926	000000	809	CINTAS 446	35.55	UNIFORM CLEANING	07/23/2018	4000	-
7460	854	000000	809	CINTAS 446	26.31	UNIFORM CLEANING	07/23/2018	4000	-
7430	926	000000	809	CINTAS 446	186.26	UNIFORM CLEANING	07/30/2018	4000	-
7450	926	000000	809	CINTAS 446	35.55	UNIFORM CLEANING	07/30/2018	4000	-
7460	854	000000	809	CINTAS 446	56.30	UNIFORM CLEANING	07/30/2018	4000	-
7430	593	000000	108	ASLESON'S TRUE VALUE HDW	61.99	BOLTS	07/10/2018	6940	-
7430	594	000000	436	STOUGHTON LUMBER CO	8.28	UG EQUIPMENT STICKERS	07/19/2018	6940	-
7430	594	000000	436	STOUGHTON LUMBER CO	18.99	BOLT CUTTERS	07/26/2018	6940	-
7430	588	000000	786	NAPA PARTS - SNP 0027410	190.02	MISC SAFETY EQUIPMENT	07/02/2018	4100	-

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Company	Account	Sub	Vendor ID	Merchant	Amount	Description	Post Date	Emp ID	Projec
7430	594	000000	786	NAPA PARTS - SNP 0027410	137.16	WYPALL	07/02/2018	4100	-
7430	232	001099	134	CRESCENT ELECTRIC 087	73.75	ELECTRIC INVENTORY	07/03/2018	4100	-
7430	593	000000	134	CRESCENT ELECTRIC 087	147.20	VINYL TAPE	07/10/2018	4100	-
7430	232	001099	134	CRESCENT ELECTRIC 087	55.40	ELECTRIC INVENTORY	07/10/2018	4100	-
7430	232	001099	355	STUART C IRBY	36,363.60	ELECTRIC INVENTORY	07/11/2018	4100	-
7430	932	000000	994	AMAZON MKTPLACE PMTS	88.00	LIGHT BULBS-ADMIN BLDG	07/12/2018	4100	-
7450	932	000000	994	AMAZON MKTPLACE PMTS	32.00	LIGHT BULBS-ADMIN BLDG	07/12/2018	4100	-
7460	834	000000	994	AMAZON MKTPLACE PMTS	40.00	LIGHT BULBS-ADMIN BLDG	07/12/2018	4100	-
7430	232	001099	355	STUART C IRBY	20,956.50	ELECTRIC INVENTORY	07/12/2018	4100	-
7450	232	001099	816	CORE & MAIN LP 233	809.50	WATER INVENTORY	07/13/2018	4100	-
7430	232	001099	521	WESCO - # 7855	3,194.00	ELECTRIC INVENTORY	07/16/2018	4100	-
7430	593	000000	422	AMAZON.COM	131.36	LINE DIV TOOLS	07/18/2018	4100	-
7430	932	000000	331	MONONA PLUMBING	121.00	FIRE SPRINKLER MAINT	07/18/2018	4100	-
7450	932	000000	331	MONONA PLUMBING	44.00	FIRE SPRINKLER MAINT	07/18/2018	4100	-
7460	834	000000	331	MONONA PLUMBING	55.00	FIRE SPRINKLER MAINT	07/18/2018	4100	-
7430	232	001099	355	STUART C IRBY	12,277.67	ELECTRIC INVENTORY	07/18/2018	4100	-
7430	232	001099	134	CRESCENT ELECTRIC 087	1,408.38	ELECTRIC INVENTORY	07/24/2018	4100	-
7430	593	000000	355	STUART C IRBY	94.00	MISC	07/27/2018	4100	-
7430	232	001099	355	STUART C IRBY	1,313.73	ELECTRIC INVENTORY	07/27/2018	4100	-
<b>Total:</b>					<b>101,675.78</b>				

# STOUGHTON UTILITIES

## 2018 Statistical Worksheet

Electric	Total Sales 2017 kWh	Total kWh Purchased 2017	Total Sales 2018 kWh	Total kWh Purchased 2018	Demand Peak 2017	Demand Peak 2018
January	12,379,222	12,812,545	12,609,523	13,204,183	23,662	24,195
February	10,691,419	10,759,773	11,167,697	11,394,593	21,934	22,984
March	11,785,378	11,607,813	11,302,081	11,305,664	20,399	20,886
April	9,553,672	10,048,660	10,338,769	10,759,236	18,091	19,558
May	10,496,558	10,622,971	11,809,136	12,169,996	21,934	31,336
June	12,732,532	12,662,125	12,676,500	13,057,295	32,720	32,502
July	13,227,532	13,912,583	14,168,914	14,658,088	30,828	32,727
August						
September						
October						
November						
December						
<b>TOTAL</b>	<b>80,866,313</b>	<b>82,426,470</b>	<b>84,072,620</b>	<b>86,549,055</b>		

Water	Total Sales 2017 Gallons	Total Gallons Pumped 2017	Total Sales 2018 Gallons	Total Gallons Pumped 2018	Max Daily High 2017	Max Daily Highs 2018
January	37,110,000	43,748,000	35,560,000	44,660,000	1,629,000	1,668,000
February	34,905,000	41,145,000	33,594,000	41,438,000	1,780,000	1,711,000
March	38,893,000	40,725,000	36,877,000	40,980,000	1,542,000	1,449,000
April	33,884,000	39,290,000	35,745,000	40,572,000	2,105,000	1,583,000
May	38,370,000	41,634,000	39,058,000	43,612,000	1,732,000	2,087,000
June	41,534,000	46,477,000	39,092,000	44,311,000	1,876,000	1,871,000
July	37,083,000	43,980,000	41,568,000	49,321,000	2,057,000	2,194,000
August						
September						
October						
November						
December						
<b>TOTAL</b>	<b>261,779,000</b>	<b>296,999,000</b>	<b>261,494,000</b>	<b>304,894,000</b>		

Wastewater	Total Sales 2017 Gallons	Total Treated Gallons 2017	Total Sales 2018 Gallons	Total Treated Gallons 2018	Precipitation 2017	Precipitation 2018
January	25,221,000	33,337,000	25,668,000	31,460,000	2.43	2.15
February	23,196,000	27,663,000	23,717,000	30,781,000	1.34	3.54
March	26,255,000	29,882,000	25,915,000	28,544,000	2.69	0.75
April	23,309,000	32,828,000	24,842,000	28,602,000	6.80	1.87
May	26,366,000	34,190,000	27,090,000	34,919,000	3.62	8.12
June	28,445,000	34,688,000	26,393,000	37,405,000	7.55	10.50
July	25,129,000	40,536,000	27,157,000	37,702,000	6.60	2.68
August						
September						
October						
November						
December						
<b>TOTAL</b>	<b>177,921,000</b>	<b>233,124,000</b>	<b>180,782,000</b>	<b>229,413,000</b>	<b>31.03</b>	<b>29.61</b>



## Stoughton Utilities Activities Report August 2018

### Administration

Robert P. Kardasz, P.E.  
Utilities Director

During August, the Utilities Director participated in meetings of the Utilities Committee, Common Council, City Leadership Team, a regional member meeting hosted by WPPI Energy's Executive Committee, and a shareholder's meeting hosted by the American Transmission Company. Additional meetings were held regarding internal operations, projects, and potential developments. He also served on the interview panel for the Assistant Financial Director/City Treasurer, and participated in our annual Public Power Customer Appreciation Day.

Electric crews concentrated on STH 138 circuit reconstruction and customer-driven projects. Water crews continued maintenance projects on the wells, storage facilities, and the distribution system. Wastewater crews concentrated on collection system maintenance, and seasonal and treatment-specific projects at the wastewater treatment facility.

The Utilities Director tendered his resignation notice effective October 15, 2018 and participated in transitional meetings.

---

### Technical Operations Division

Brian R. Hoops  
Assistant Utilities Director

**Customer Payments:** Staff processed 9,128 payments totaling \$2.15 million, including 1,649 checks, 1,830 lockbox payments, 1,181 credit cards, 1,496 *My Account* online payments, 2,051 automated bank withdrawals, 745 direct bank payments, and over \$19,000 in cash.

**Delinquent Collections:** As of August 1, there were 1,681 active accounts carrying delinquent balances totaling \$275,600, and 106 final-billed accounts carrying delinquent balances totaling \$18,900. Of the total amount delinquent, \$31,900 was 30 or more days past due.

- On August 13, we mailed out 10-day notices of pending disconnection to 683 delinquent customers.
- On August 21, we delivered automated phone calls to 459 customers providing a warning of pending electric service disconnection. All customers without a phone number received notices delivered to their home or business.
- On August 22, we delivered automated phone calls to 249 customers providing a final warning of pending electric service disconnection.
- On August 23, we performed eight electric service disconnections due to continued nonpayment.

We ended the month of August with \$36,600 remaining 30 or more days past-due. For comparison, 30+ day delinquencies are 16% lower than this time last year (\$43,300).

**Energy Assistance:** During the month of August, energy assistance (EA) payments for two customers totaling \$350 were received from the State of Wisconsin Public Benefits Program and applied to customer accounts to assist low-income customers experiencing a financial crisis with their home heating and cooling expenses.

The Public Benefits Program is no longer accepting customer applications for seasonal assistance. Crisis funding remains available to eligible customers. Applications for seasonal assistance for the 2018-19 heating season will resume in November.

**Public Power Customer Appreciation Day:** SU held its annual event to celebrate the benefits to our customers of being a locally-owned, non-profit, Public Power utility. This year's event was held at the Nordic Ridge splash pad and shelter. Stormy weather prevented us from holding the event on the originally scheduled day, which unfortunately reduced customer turnout. We still had numerous customers come to the event to receive snacks and giveaways, and to learn more about the solar array installed on the park shelter.

Thanks go out to Customer Service Technician Brandi Yungen for planning and coordinating the event, and to Mayor Tim Swadley, Water Supervisor Kent Thompson, and Assistant Director Brian Hoops for volunteering in the dunk tank to raise money for the Stoughton Parks & Recreation Department.

**Water Regulatory Rate Review:** A public hearing on SU's application to the Wisconsin Public Service Commission (WPSC) to increase water rates occurred on August 30, 2018. This proposal will increase the average residential customer's water bill \$3.30 per month. This hearing was held at the Stoughton Utilities Administration Building, with Mayor Tim Swadley, Utilities Committee Chairman David Erdman, Director of Finance Jamin Friedl, and Assistant Utilities Director Brian Hoops in attendance. No members of the public attended in person; two public comments were filed online in advance of the hearing.

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## **Electric Division**

Bryce A. Sime  
Electric System Supervisor

**Electric Meter Testing:** Our annual periodic electric meter testing has begun. There are a little under a hundred meters to test this year, all three-phase services. In 2019 there will be several hundred to test.

The Wisconsin Public Service Commission mandates periodic testing of all meters on a set schedule, with the test cycle set based on the meter and service type. The standard residential meter is on a 20-year test cycle, but three-phase meters can be on as short a cycle as six-years.

**Highway 138 Reconstruction:** The second phase of the Highway 138 reconstruction project continues, with crews removing old poles and lines and replacing them with new infrastructure. The start of the project was initially delayed until mid-summer due to heavy rainfalls, and since started has been moving at a slow pace due to the continued wet weather.

**Infrared Inspection Results:** Hot spot repairs were completed across the distribution system to repair issues found during our annual infrared inspections. Infrared inspections use a special heat-sensitive camera to detect defects that may be causing distribution losses. Repairs included lightning arrestor replacements, loose substation potential transformer connections, loose transformer bushing connections, and more.

**Nordic Ridge:** Installation of the underground electric primary cables and streetlight services in Nordic Ridge Phase III is complete. This ends the Electric Division's involvement in this phase of the development until construction begins on the individual lots and services need to be installed and connected

**Storm Trouble Calls:** The week of August 27 was a very busy week for crews due to outages caused by wind and lightning, as well as a vehicle accident and other events. On-call staff was called in for after-hours work every night that week.

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## **Water Division**

Kent F. Thompson  
Water System Supervisor

**Annual System Flushing:** Water operators completed the annual system flushing of over 700 fire hydrants. During the flushing of fire hydrants, operators note any repairs that need to take place to keep hydrants operating effectively and efficiently. Repairs to the hydrants identified during flushing commenced following the completion of flushing. Most hydrant repairs have been completed and we expect to have all hydrants repaired before the end of September.

**Service Leaks:** Two water service leaks occurred during the month of August. One service leak, on the Utility owned section of the service, was repaired by water operators during normal working hours. Approximately 75,000 combined gallons of water was lost from the service and subsequent flushing after the repair was completed. The second service leak was on the customer owned section of the service lateral. The customer was contacted in person as well as in writing and given notice to repair the service leak within 30 days. A contractor repaired the service leak 29 days after notification was given. Approximately 210,000 gallons of water was lost from the service leak.

**Well No. 4 Motor Control Center Upgrade:** The project to replace of the Motor Control Center (MCC) at Well 4 was budgeted for 2018, and the contract awarded earlier in the year. On Monday August 27, the well was shut down and our contractor began the replacement. All controls and wiring inside of the building were replaced within 5 days, and a test run of the well was completed on Friday August 31. The well was returned to operation the following Monday.

**Well No. 6 Breaker Replacement:** A main breaker to the variable frequency drive (VFD) at Well 6 went bad on July 30 and needed replacement. Well 6 was taken out of operation on July 31<sup>st</sup> to avoid damage to the VFD and vertical turbine pump. A replacement breaker was ordered, and Aaron Mattingly from the electric division was able to install it for us on August 15, after which the well was returned to service.

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## **Wastewater Division**

Brian G. Erickson  
Stoughton Utilities Wastewater System Supervisor

The wastewater treatment facility processed an average daily flow of 1.315 million gallons with a monthly total of 40.762 million gallons. The total precipitation for the month of August was 9.45 inches.

**2020 Main Street Sewer Project:** Staff completed televising the sanitary sewers on West Main Street from Page to Van Buren in preparation for the design stage of this project.

**Digester Mixers:** The manufacturer was on site to train wastewater operators on standard maintenance procedures for our existing two mixing pumps.

**Plant maintenance:** Staff continues to work on maintenance and repairs of miscellaneous equipment throughout the plant. Projects have included work on our dissolved air flotation tank, painting, pressure washing final clarifier covers, digester gas meter, taking down primary tanks, replacing exhaust fan belts and ground maintenance.



**Primary Treatment Process:** We continue to have issues with settling in our primary process. To attempt to minimize issues, we are going to use a different method to reduce the amount of solids in this process.

**Rainfall:** We had almost 10 inches of rain for the month of August. The plant peaked out at 4.5 million gallons per day (MGD); for comparison, normal flows are about 1.1 MGD. The plant processed the flows without any issues, and we did not experience any overflows in the collection system.

**Sanitary Sewer System Maintenance:** Staff continues to work in the collection system televising and flushing sewer mains. This effort takes up most of staff's time throughout the summer and fall. We were fortunate to have our summer intern through the end of August to assist in these tasks..

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## **Energy Services Section of the Planning Division**

Cory Neeley

Stoughton Utilities and WPPI Energy Services Representative (ESR)

**Electric Vehicles:** As more consumers become interested in battery electric vehicles, the utility is looking to become an impartial informational source to help them make wise choices, and to set them on the path to charging during off-peak hours. We have developed a fact sheet, and are investigating potential incentives and promotions. We are also considering hosting a Lunch and Learn or other informational sessions on the topic.

**Energy Efficient Renovation Projects:** Meetings were held with a local company and a local church about upcoming renovation projects that are being considered. These projects would be eligible for SU's New Construction Design Assistance Program. One project is considering utilizing SU's Shared Savings loan program, and possibly a USDA Rural Development (RDA) or a Property Assessed Clean Energy (PACE) loan. We are also evaluating options for the downtown McFarland State Bank property, which may include the New Construction Program.

**Energy Innovation Grant:** We are still waiting to hear back from the State Energy Office about the Energy Innovation Grant... stay tuned for more information.

**High Bill Concerns:** July and August's heat and rainfall has resulted in numerous residential customers with high bill concerns, primarily due to air conditioning use and dehumidifiers. I have worked with several customers to address their concerns and to evaluate their home usage, offering conservation tips when applicable.

**Lunch and Learn:** I represented SU at the Chamber of Commerce Lunch and Learn. Several good conversations about energy conservation programs and funding were had with the owners of local businesses. Future events will be attended as scheduling allows.

**Stoughton Area School District:** We continue to work with the Stoughton Area School District to move forward with the Cool Choices program. Meetings are scheduled for next month with the new Building and Grounds Director, and the Curriculum and Instruction Director.

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## **Safety Services Section of the Planning Division**

Andrew Paulson

Stoughton Utilities and Municipal Electric Utilities of Wisconsin Regional Safety Coordinator

### **ACCOMPLISHMENTS**

#### **1. Training**

- a. On hold during summer construction season

## **2. Audits/Inspections**

- a. Field inspection – Wastewater
- b. Field inspection – Electric
- c. Utility walkthrough – General inspection
- d. WWTP walkthrough – General inspection
- e. Well inspections
- f. Water tower inspections
- g. Lab inspections
- h. Fire extinguisher review and inspection

## **3. Compliance/Risk Management**

- a. Fall protection – New updated written program
- b. Hazard communication – New updated written program
- c. Lockout / Tagout – New updated written program and SOPs
- d. SDS updates into MSDS Online

## **GOALS AND OBJECTIVES**

### **1. Training**

- a. Lockout / Tagout
- b. Confined space entry

### **2. Audits/Inspections**

- a. Field inspections
- b. Utility walkthrough
- c. WWTP Walkthrough
- d. Wells
- e. Water Towers
- f. General personal protective equipment
- g. Fire cabinets

### **3. Compliance/Risk Management**

- a. Update written programs for employee access
- b. Excavation – New updated written program
- c. Confined space – New updated written program
- d. MSDS Online

*Regional Safety Coordinator was at Stoughton Utilities on August 1<sup>st</sup>, 16<sup>th</sup>, 23<sup>rd</sup>, and 30<sup>th</sup>.*

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Please visit us on our website at [www.stoughtonutilities.com](http://www.stoughtonutilities.com) to view current events, follow project schedules, view Utilities Committee meeting notices, packets and minutes, review our energy conservation programs, or to learn more about your Stoughton Utilities electric, water, and wastewater services. You can also view your current and past billing statements, update your payment and billing preferences, enroll in optional account programs, and make an online payment using *My Account* online.



**Stoughton Utilities**

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

*Serving Electric, Water & Wastewater Since 1886*

**Date:** September 11, 2018  
**To:** Stoughton Utilities Committee  
**From:** Robert P. Kardasz, P.E.  
Stoughton Utilities Director  
**Subject:** Stoughton Utilities Committee Annual Calendar

The following calendar is provided for information and discussion. Common organization acronyms used are:

APPA	American Public Power Association
AWWA	American Waterworks Association
MEUW	Municipal Electric Utilities of Wisconsin
WIAWWA	Wisconsin chapter of the American Waterworks Association
WPPI	WPPI Energy
WRWA	Wisconsin Rural Water Association
WWOA	Wisconsin Wastewater Operators Association

September 11-14, 2018	WIAWWA Annual Conference – Madison
September 13, 2018	Personnel Committee Regular Meeting – Agenda to include items related to Utilities Director transition
September 13-14, 2018	WPPI Annual Meeting – Madison
September 16-19, 2018	APPA Business & Financial Conference – Anaheim, CA
September 17, 2018	Utilities Committee Regular Meeting: Approve the Utilities 2019 Budget and five year (2019-2023) Capital Projects Program
October 2018, Dates TBD	Common Council Budget Workshop
October 3-5, 2018	APPA Leadership Workshop – Orlando, FL
October 7-10, 2018	APPA Legal & Regulatory Conference – Charleston, SC
October 7-13, 2018	National Public Power Week
October 15, 2018	Utilities Committee Regular Meeting

October 16-19, 2018	WVOA Annual Conference – Lake Geneva
October 25, 2018	WPPI Chief Executives Breakfast
October 30, 2018	Orientation to WPPI – Sun Prairie
November 4-7, 2018	APPA Customer Connections Conference – Orlando, FL
November 8, 2018	WPPI Building Customer Connections Workshop – Sun Prairie
November 13, 2018	Common Council action on the Stoughton Utilities 2019 Budget and CIP
November 19, 2018	Utilities Committee Regular Meeting
December 17, 2018	Utilities Committee Regular Meeting
January 14, 2019	Utilities Committee Regular Meeting: RoundUp Donation; Declarations of Official Intent
February 18, 2019	Utilities Committee Regular Meeting: Bad debt write offs
February 26, 2019	Common Council Meeting: Approve bad debt write offs
February 25-27, 2019	APPA Legislative Rally – Washington, D.C.
March 10-16, 2019	National Groundwater Awareness Week
March 18, 2019	Utilities Committee Regular Meeting: Annual Drinking Water Consumer Confidence Report (CCR)
March 17-23, 2019	National Fix a Leak Week
March 31-April 3, 2019	APPA Engineering and Operations Conference – Colorado Springs, CO
April 15, 2019	Utilities Committee Regular Meeting: Presentation of the Utilities 2018 annual audit and management letter, and the SU tax-stabilization dividends
April 18, 2019	National Lineman Appreciation Day
April 23, 2019	Common Council Meeting: Approve Utilities 2018 annual audit and management letter; presentation of the tax-stabilization dividends
May 5-11, 2019	National Drinking Water Week
May 20, 2019	Utilities Committee Regular Meeting: Annual reorganization and selection of meeting time and date; discuss SU goals
June 2019, Date TBD	MEUW Annual Conference – Location TBD
June 7-12, 2019	APPA National Conference – Austin, TX
June 9-12, 2019	AWWA Annual Conference – Denver, CO
June 17, 2019	Utilities Committee Regular Meeting: Approve the annual Wastewater Compliance Maintenance Annual Report (CMAR); tour of well no. 5

June 25, 2019	Common Council Meeting: Approve the CMAR
July 15, 2019	Utilities Committee Regular Meeting: RoundUp Donation; tour of the Utilities Administration Building
August 19, 2019	Utilities Committee Regular Meeting: Approve Declaration(s) of Official Intent; tour the Wastewater Treatment Facility
September 13-14, 2019	WPPI Annual Meeting – Elkhart Lake
September 16, 2019	Utilities Committee Regular Meeting: Approve the Utilities 2019 Budget and five year (2019-2023) Capital Projects Program
October 14, 2019	Utilities Committee Regular Meeting
October 27-30, 2019	APPA Customer Connections Conference – New Orleans, LA
November 18, 2019	Utilities Committee Regular Meeting
December 16, 2019	Utilities Committee Regular Meeting



**Stoughton Utilities**

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

*Serving Electric, Water & Wastewater Since 1886*

**Date:** September 11, 2018  
**To:** Stoughton Utilities Committee  
**From:** Robert P. Kardasz, P.E.  
Stoughton Utilities Director  
**Subject:** Stoughton Utilities Communications

August 14, 2018            Note from the Stoughton Free Health Clinic thanking Stoughton Utilities for the donation received from the Project RoundUP program.

August 15, 2018            Stoughton Utilities Financial and Operating Ratios Benchmark Report, based on financial information from 2008-2017 and consisting of an executive summary, a revenue study, and an examination of key financial indicators.

August 16, 2018            The July-August 2018 issue of Public Power magazine, published by American Public Power Association (APPA) – “The Data Issue” – discussing the themes of data and technology.  
  
*(A hard-copy of the magazine will be distributed to Utilities Committee members at the meeting. The [full magazine can also be viewed online at publicpower.org](http://publicpower.org))*

August 27, 2018            Thank you note from Sam McHone, recipient of the 2018 Stoughton Utilities Public Power Scholarship.

September 6, 2018            WPPI Energy memorandum “Things You Should Know” from WPPI Energy President and CEO Michael Peters.



THANK YOU

8/14/2018

Barry Verdeyn, President

Jayne Fischer, Secretary

Katy Frey

Stacy Wright, Treasurer

Allyson

Angela Howins

Sharon Mason Bowman

Rickie Albright

To Stoughton Utilities:

Thank you very much for your generous donation of \$1,000.00 to the Free Health Clinic in Stoughton. This donation will support the work of FHC to offer health services to the under- and uninsured in Stoughton and surrounding communities served by Stoughton Hospital.

Sincerely,  
Free Health Clinic Board



# Stoughton Utilities

## SELECTED FINANCIAL AND OPERATING RATIOS



August 15, 2018



1425 Corporate Center Drive Sun Prairie, WI 53590-9109 608.834.4500 [wppienergy.org](http://wppienergy.org)

August 15, 2018

Bob Kardasz  
Stoughton Utilities

RE: Stoughton Benchmark Study

Dear Bob:

The Benchmark Report is based on financial information from 2008-2017. This study contains three sections: 1) an Executive Summary providing insight on the purpose of the study, 2) a Revenue Study detailing historical operating revenue and expenses by account and 3) an examination of key financial indicators by which the utility can measure its performance alongside similar-sized municipal utilities, the average of the WPPI members in the power supply area where the utility is located and a WPPI member average.

The intent of the benchmark study is to provide a tool members may use to assist in managing their local utility. Benchmarking to comparable utilities provides only an indicative measure of performance. However, it does provide a means of focusing on areas where differences may exist between your utility and others and warrant further investigation. It should be recognized that every electric utility has its own specific and unique characteristics and challenges that influences how it is managed and operated. For this reason, any variation from the comparable utilities in this study may be explained by local circumstances.

If you have any questions, please let us know.

Sincerely,

Nicole Guld – Rate Analyst II  
Mallory Kleven – Rate Analyst II

Enclosures

Cc: Tim Ament

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# EXECUTIVE SUMMARY

This Benchmark Study is being provided by WPPI Energy to your utility as a means for identifying key indicators by which the Electric utility performance can be measured. Each of the attached sheets provides:

- A description of the financial ratio or data on the page
- A table of the actual financial ratio or data for 2008 to 2017
- A graph of Stoughton financial data for 2008 to 2017
- A graph of 2017 Stoughton data as compared to other utilities

For a comparison to the Stoughton financial ratios, we have chosen similar-sized Wisconsin municipal utilities along with the average of the WPPI members in the IOU control area and a WI member WPPI average. The grouping of similar-sized Wisconsin utilities adjusts for differences in utility size based on numbers of customers, peak demands, energy requirements, and loads from large industrial customers. Some costs are compared on a "per kWh" basis while others are based on a "per customer" measurement. There may be some differences in the results depending on which measurement is used.

Utilities should conduct an examination of costs to determine the significance of each cost category to the utility's total operating costs. Those categories that make up a greater portion of the total costs should receive the more extensive scrutiny. Analysis of major cost areas involves researching questions about the potential for improvement in each area. For example:

- ✓ Are crew sizes optimized?
- ✓ Is equipment optimized?
- ✓ Is there an established utility maintenance program with established goals?
  - ⇒ Pole Replacement
  - ⇒ Meter Reading
  - ⇒ Tree Trimming
- ✓ Are there services that can be outsourced?
- ✓ Can utility staff be shared with other city departments?
- ✓ Are joint operations with a neighboring utility possible?
- ✓ Should systems be upgraded?
- ✓ What free services does the utility provide the city?
- ✓ Are facilities/equipments/personnel shared with other utilities/departments?

WPPI does not attempt to analyze the ratios/comparisons in this document. We know that each Electric utility has unique qualities, which may cause its ratios to look different from the norm. For example, the ratios of a utility with a couple of very large customers may look significantly different from one whose customer base is primarily residential. This information is merely provided as a tool for measuring performance.

# Stoughton Utilities

## ELECTRIC OPERATION REVENUE STUDY

Customer & MWh Totals	Effective Date of Rates			2011-01-03				2015-09-01		2017-04-01
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Number of Customers	8,419	8,422	8,442	8,457	8,495	8,508	8,487	8,544	8,640	8,632
Maximum Demand	30,650	31,849	32,868	35,997	36,046	34,267	31,834	30,132	32,378	32,720
Total Sold And Used	138,335	129,388	138,200	140,066	140,160	141,572	141,739	139,480	142,797	139,218
Distribution Losses	2,872	2,047	4,737	4,696	5,026	3,612	4,576	1,885	1,151	2,230
% Losses	2.0%	1.6%	3.3%	3.2%	3.5%	2.5%	3.1%	1.3%	0.8%	1.6%
Annual Load Factor	52.6%	47.1%	49.6%	45.9%	46.0%	48.4%	52.5%	53.6%	50.8%	49.3%
% Sales Exp of Total Revenue	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total Requirements	141,207	131,435	142,937	144,762	145,186	145,184	146,315	141,365	143,948	141,449
<b>Revenue</b>										
Revenue From Sales	\$12,520,387	\$12,420,213	\$14,012,469	\$14,918,612	\$15,235,813	\$15,233,311	\$15,419,500	\$14,906,357	\$14,980,938	\$15,106,589
Other Revenue	\$144,414	\$127,468	\$128,204	\$136,856	\$149,454	\$146,368	\$184,489	\$150,671	\$135,267	\$143,034
Total Revenue	\$12,664,801	\$12,547,681	\$14,140,673	\$15,055,468	\$15,385,267	\$15,379,679	\$15,603,989	\$15,057,028	\$15,116,205	\$15,249,623
<b>Operation And Maintenance Expense</b>										
Power Cost Expense	\$9,523,448	\$9,377,438	\$10,952,336	\$11,563,743	\$11,889,641	\$11,899,750	\$12,122,364	\$11,656,672	\$11,588,139	\$11,501,767
Transmission Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Distribution Expense	\$511,976	\$459,055	\$518,364	\$427,392	\$468,766	\$539,303	\$603,869	\$534,071	\$551,178	\$637,495
Customer Account Expense	\$151,995	\$179,822	\$193,293	\$220,838	\$220,709	\$215,544	\$241,395	\$252,664	\$264,908	\$251,340
Uncollectable Accounts	\$0	\$0	\$13,592	\$16,402	\$234	\$6,612	\$3,548	\$2,007	\$14,584	\$8,085
Sales Expense	\$294	\$0	\$198	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Administrative & General Exp	\$676,660	\$765,122	\$647,299	\$735,244	\$589,631	\$667,544	\$629,280	\$652,784	\$682,792	\$616,514
Total O&M Expense	\$10,864,373	\$10,781,437	\$12,325,082	\$12,963,619	\$13,168,981	\$13,328,753	\$13,600,456	\$13,098,198	\$13,101,601	\$13,015,201
<b>Other Expense</b>										
Depreciation Expense	\$687,757	\$706,372	\$768,804	\$804,817	\$800,825	\$806,221	\$819,854	\$848,328	\$869,843	\$881,531
Amortization Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Tax	\$375,863	\$407,930	\$443,622	\$495,521	\$530,677	\$551,430	\$535,846	\$541,473	\$547,469	\$567,843
Total Operation Expense	\$11,927,993	\$11,895,739	\$13,537,508	\$14,263,957	\$14,500,483	\$14,686,404	\$14,956,156	\$14,487,999	\$14,518,913	\$14,464,575
<b>Total Income</b>										
Operating Income	\$736,808	\$651,942	\$603,165	\$791,511	\$884,784	\$693,275	\$647,833	\$569,029	\$597,292	\$785,048
Rate Base	\$11,986,164	\$12,413,425	\$12,734,953	\$12,869,760	\$12,865,440	\$12,608,164	\$12,247,906	\$12,261,225	\$12,074,571	\$12,158,175
Operating Margin	6.15%	5.25%	4.74%	6.15%	6.88%	5.50%	5.29%	4.64%	4.95%	6.46%

# Stoughton Utilities

<u>Percent of WPPI Total</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>
Number of Customers	5.0%	4.9%	4.9%	4.9%	4.9%	4.9%	4.8%	4.8%	4.8%	4.8%
Maximum Demand	3.3%	3.4%	3.4%	3.6%	3.6%	3.6%	3.5%	3.3%	3.4%	3.6%
Sales	2.8%	2.8%	2.8%	2.9%	2.9%	2.9%	2.9%	2.9%	3.0%	3.0%
Losses	1.8%	1.6%	3.6%	3.3%	3.2%	2.4%	3.2%	1.5%	0.7%	1.4%
Total Requirements	2.7%	2.7%	2.9%	2.9%	2.9%	2.9%	2.9%	2.8%	2.9%	2.9%
<b><u>Percent of Utility's Total Revenue</u></b>										
Revenues From Sales	98.9%	99.0%	99.1%	99.1%	99.0%	99.0%	98.8%	99.0%	99.1%	99.1%
Other Revenue	1.1%	1.0%	0.9%	0.9%	1.0%	1.0%	1.2%	1.0%	0.9%	0.9%
<b><u>Percent of Utility's O&amp;M Expenses</u></b>										
Power Cost Expense	87.7%	87.0%	88.9%	89.2%	90.3%	89.3%	89.1%	89.0%	88.4%	88.4%
Transmission Expense	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Distribution Expense	4.7%	4.3%	4.2%	3.3%	3.6%	4.0%	4.4%	4.1%	4.2%	4.9%
Customer Account Expense	1.4%	1.7%	1.6%	1.7%	1.7%	1.6%	1.8%	1.9%	2.0%	1.9%
Uncollectable Accounts	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%
Sales Expense	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Admin & General Expense	6.2%	7.1%	5.3%	5.7%	4.5%	5.0%	4.6%	5.0%	5.2%	4.7%
<b><u>Percent of Utility's Total Expense</u></b>										
Total O&M Expense	91.1%	90.6%	91.0%	90.9%	90.8%	90.8%	90.9%	90.4%	90.2%	90.0%
Deperciation Expense	5.8%	5.9%	5.7%	5.6%	5.5%	5.5%	5.5%	5.9%	6.0%	6.1%
Amortization Expense	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Tax	3.2%	3.4%	3.3%	3.5%	3.7%	3.8%	3.6%	3.7%	3.8%	3.9%

# **Stoughton Utilities**

<b><u>Revenue Per kWh Sold (Cents per kWh)</u></b>	<b><u>2008</u></b>	<b><u>2009</u></b>	<b><u>2010</u></b>	<b><u>2011</u></b>	<b><u>2012</u></b>	<b><u>2013</u></b>	<b><u>2014</u></b>	<b><u>2015</u></b>	<b><u>2016</u></b>	<b><u>2017</u></b>
Revenue From Sales	9.05	9.60	10.14	10.65	10.87	10.76	10.88	10.69	10.49	10.85
Other Revenue	0.10	0.10	0.09	0.10	0.11	0.10	0.13	0.11	0.09	0.10
<b>Total Operating Revenue</b>	<b>9.16</b>	<b>9.70</b>	<b>10.23</b>	<b>10.75</b>	<b>10.98</b>	<b>10.86</b>	<b>11.01</b>	<b>10.80</b>	<b>10.59</b>	<b>10.95</b>
<b><u>O&amp;M Expenses Per kWh Sold (Cents per kWh)</u></b>										
Power Cost Expense	6.88	7.25	7.92	8.26	8.48	8.41	8.55	8.36	8.12	8.26
Transmission Expense	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Distribution Expense	0.37	0.35	0.38	0.31	0.33	0.38	0.43	0.38	0.39	0.46
Customer Account Expense	0.11	0.14	0.14	0.16	0.16	0.15	0.17	0.18	0.19	0.18
Uncollectable Accounts	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.01
Sales Expense	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Admin & General Expense	0.49	0.59	0.47	0.52	0.42	0.47	0.44	0.47	0.48	0.44
<b>Total O&amp;M Expense</b>	<b>7.85</b>	<b>8.33</b>	<b>8.92</b>	<b>9.26</b>	<b>9.40</b>	<b>9.41</b>	<b>9.60</b>	<b>9.39</b>	<b>9.18</b>	<b>9.35</b>
<b><u>Total Expense Per kWh Sold (Cents per kWh)</u></b>										
Depreciation Expense	0.50	0.55	0.56	0.57	0.57	0.57	0.58	0.61	0.61	0.63
Amortization Expense	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tax	0.27	0.32	0.32	0.35	0.38	0.39	0.38	0.39	0.38	0.41
<b>Total Expense</b>	<b>8.62</b>	<b>9.19</b>	<b>9.80</b>	<b>10.18</b>	<b>10.35</b>	<b>10.37</b>	<b>10.55</b>	<b>10.39</b>	<b>10.17</b>	<b>10.39</b>
<b><u>Income Per kWh Sold (Cents per kWh)</u></b>										
Net Operating Income	0.53	0.50	0.44	0.57	0.63	0.49	0.46	0.41	0.42	0.56
Local Cost	2.27	2.45	2.31	2.49	2.49	2.46	2.46	2.44	2.47	2.69

# Stoughton Utilities

<u>kWh Per Customer</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>
Total Sold And Used	16,431	15,363	16,371	16,562	16,499	16,640	16,701	16,325	16,527	16,128
Distribution Losses	341	243	561	555	592	425	539	221	133	258
Total Requirements	16,772	15,606	16,932	17,117	17,091	17,064	17,240	16,546	16,661	16,387
 <u>Revenue Per Customer</u>										
Revenue From Sales	\$1,487	\$1,475	\$1,660	\$1,764	\$1,794	\$1,790	\$1,817	\$1,745	\$1,734	\$1,750
Other Revenue	\$17	\$15	\$15	\$16	\$18	\$17	\$22	\$18	\$16	\$17
Total Revenue	\$1,504	\$1,490	\$1,675	\$1,780	\$1,811	\$1,808	\$1,839	\$1,762	\$1,750	\$1,767
 <u>O&amp;M Expense Per Customer</u>										
Power Cost Expense	\$1,131	\$1,113	\$1,297	\$1,367	\$1,400	\$1,399	\$1,428	\$1,364	\$1,341	\$1,332
Transmission Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Distribution Expense	\$61	\$55	\$61	\$51	\$55	\$63	\$71	\$63	\$64	\$74
Customer Account Expense	\$18	\$21	\$23	\$26	\$26	\$25	\$28	\$30	\$31	\$29
Uncollectable Accounts	\$0	\$0	\$2	\$2	\$0	\$1	\$0	\$0	\$2	\$1
Sales Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Admin & General Expense	\$80	\$91	\$77	\$87	\$69	\$78	\$74	\$76	\$79	\$71
Total O&M Expense	\$1,290	\$1,280	\$1,460	\$1,533	\$1,550	\$1,567	\$1,603	\$1,533	\$1,516	\$1,508
 <u>Total Expense Per Customer</u>										
Depreciation Expense	\$82	\$84	\$91	\$95	\$94	\$95	\$97	\$99	\$101	\$102
Amortization Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Tax	\$45	\$48	\$53	\$59	\$62	\$65	\$63	\$63	\$63	\$66
Total Expense	\$1,417	\$1,412	\$1,604	\$1,687	\$1,707	\$1,726	\$1,762	\$1,696	\$1,680	\$1,676
 <u>Income Per Customer</u>										
Net Operating Income	\$88	\$77	\$71	\$94	\$104	\$81	\$76	\$67	\$69	\$91



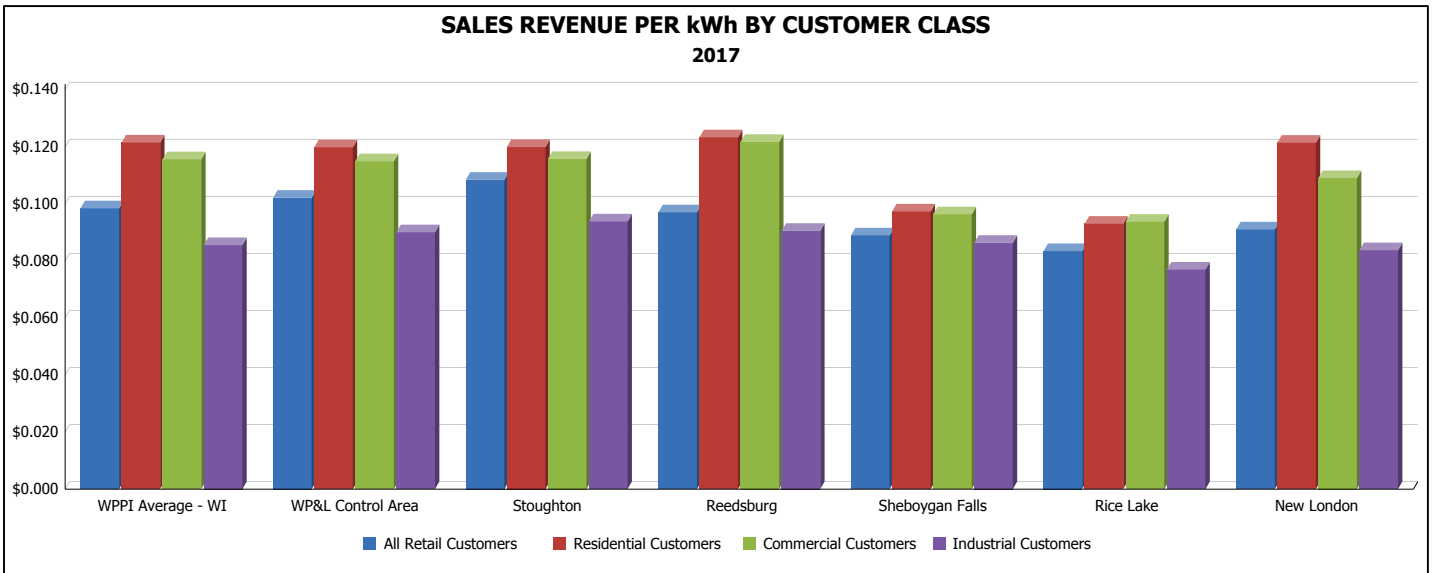
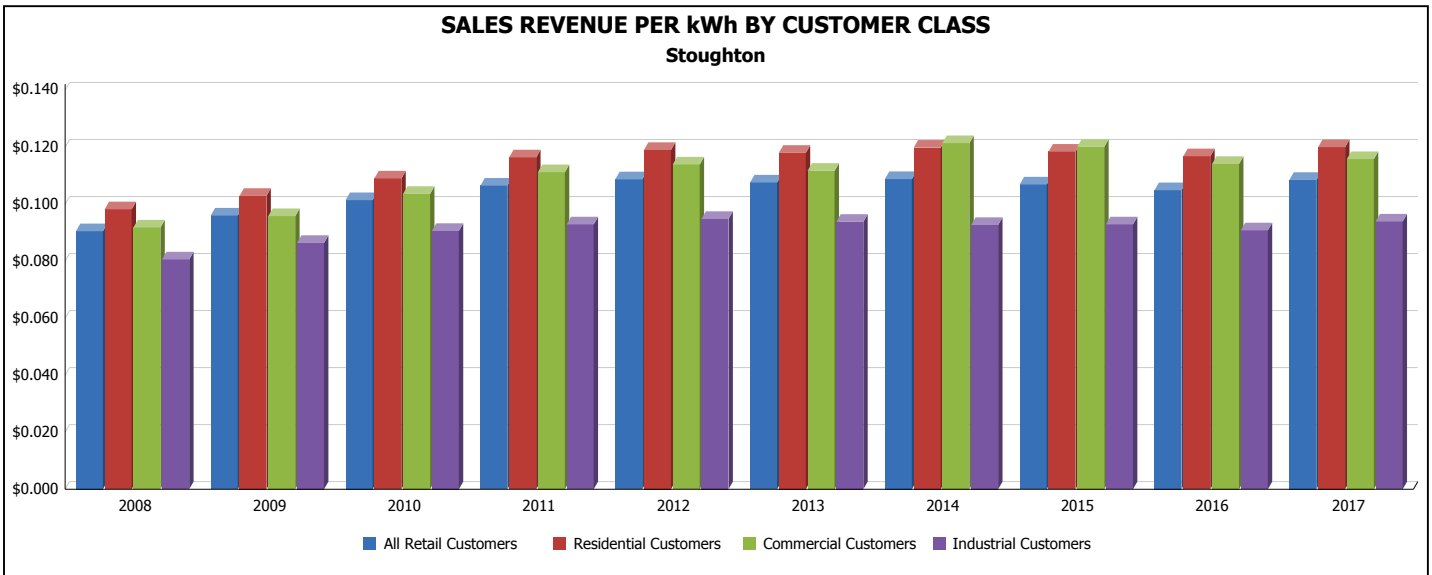
# Stoughton Utilities

## SALES REVENUE PER kWh BY CUSTOMER CLASS:

The ratio of total electric operating revenue from sales to customers to total kilowatt-hour sales. This ratio measures the amount of revenue received for each kilowatt-hour of electricity sold to each of the classes of customers.

### Stoughton

Year	All Retail Customers	Residential Customers	Commercial Customers	Industrial Customers
2008	\$0.090	\$0.098	\$0.092	\$0.081
2009	\$0.096	\$0.103	\$0.096	\$0.086
2010	\$0.101	\$0.109	\$0.104	\$0.091
2011	\$0.106	\$0.116	\$0.111	\$0.093
2012	\$0.109	\$0.119	\$0.114	\$0.095
2013	\$0.108	\$0.118	\$0.112	\$0.094
2014	\$0.109	\$0.120	\$0.121	\$0.093
2015	\$0.107	\$0.118	\$0.120	\$0.093
2016	\$0.105	\$0.117	\$0.114	\$0.091
2017	\$0.108	\$0.120	\$0.116	\$0.094



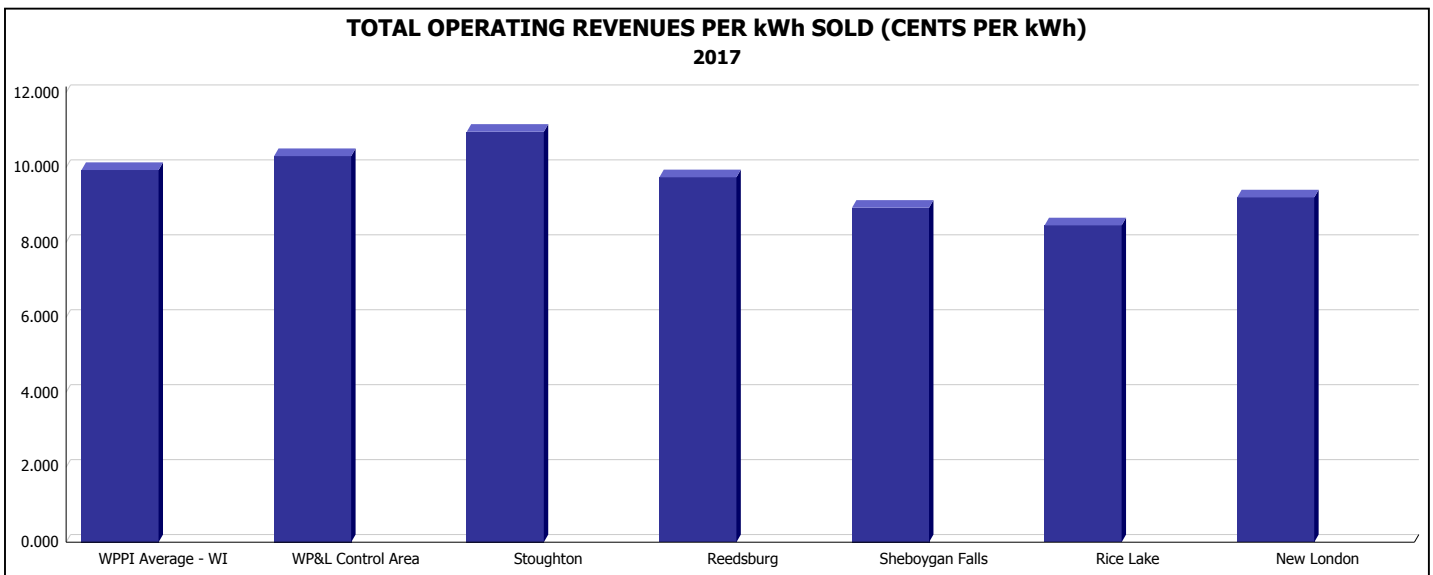
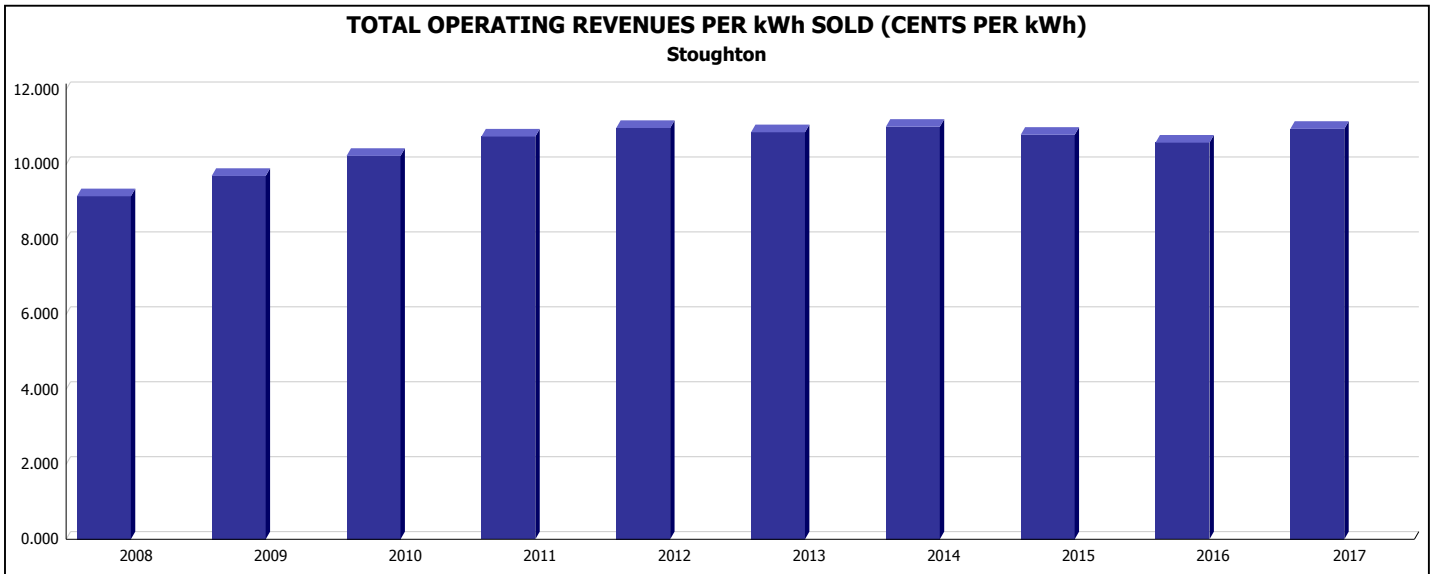
\* The control area average is calculated based on WPPI members in that area.

# Stoughton Utilities

## TOTAL OPERATING REVENUES PER kWh SOLD (CENTS PER kWh):

The ratio of total electric utility operating revenues, to total kilowatt-hour sales to ultimate and resale customers. This ratio measures the amount of operating revenue received for each kilowatt-hour of electricity sold, either for resale or to ultimate customers.

Year	WPPI Average - WI	WP&L Control Area	Stoughton	Reedsburg	Sheboygan Falls	Rice Lake	New London
2008	8.01	8.60	<b>9.16</b>	8.26	7.31	7.65	7.55
2009	8.60	9.12	<b>9.70</b>	8.93	8.48	7.35	7.92
2010	9.12	9.62	<b>10.23</b>	9.01	8.34	7.88	8.57
2011	9.46	9.94	<b>10.75</b>	9.41	7.92	8.75	8.94
2012	9.71	10.13	<b>10.98</b>	9.29	8.05	8.69	9.14
2013	9.77	10.18	<b>10.86</b>	9.39	8.60	8.09	8.97
2014	9.85	10.29	<b>11.01</b>	9.53	8.44	8.03	9.08
2015	9.90	10.31	<b>10.80</b>	9.58	8.11	8.12	9.21
2016	9.76	10.26	<b>10.59</b>	9.96	8.26	8.60	9.14
2017	9.93	10.30	<b>10.95</b>	9.74	8.93	8.46	9.20



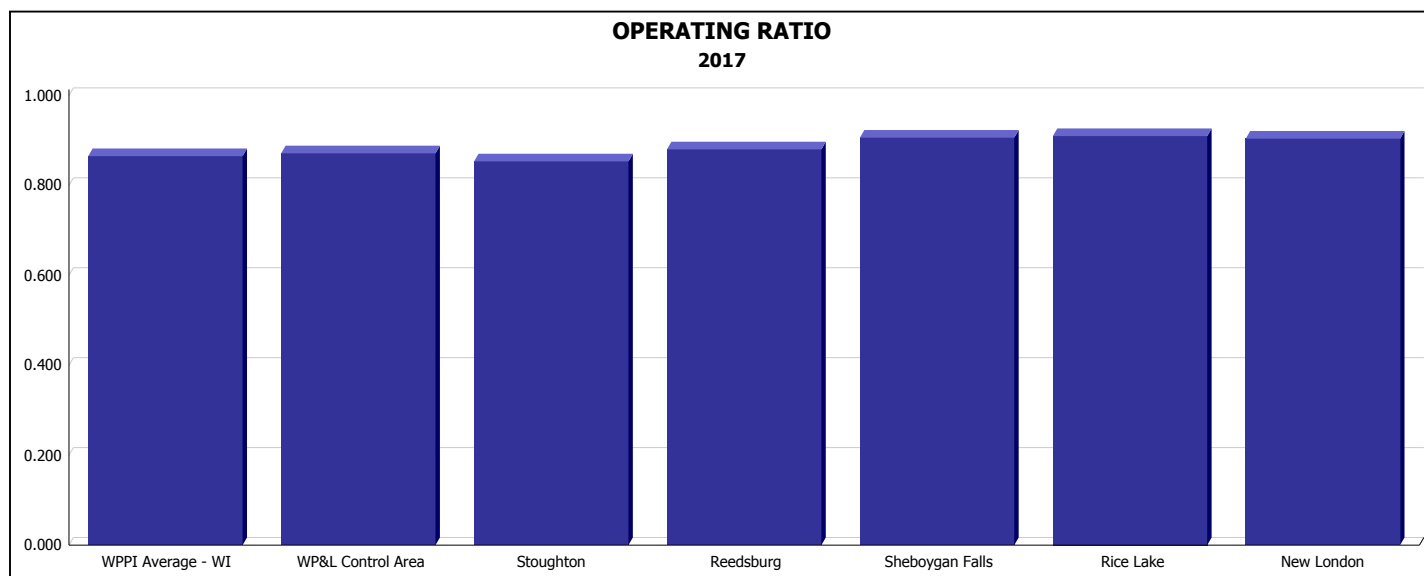
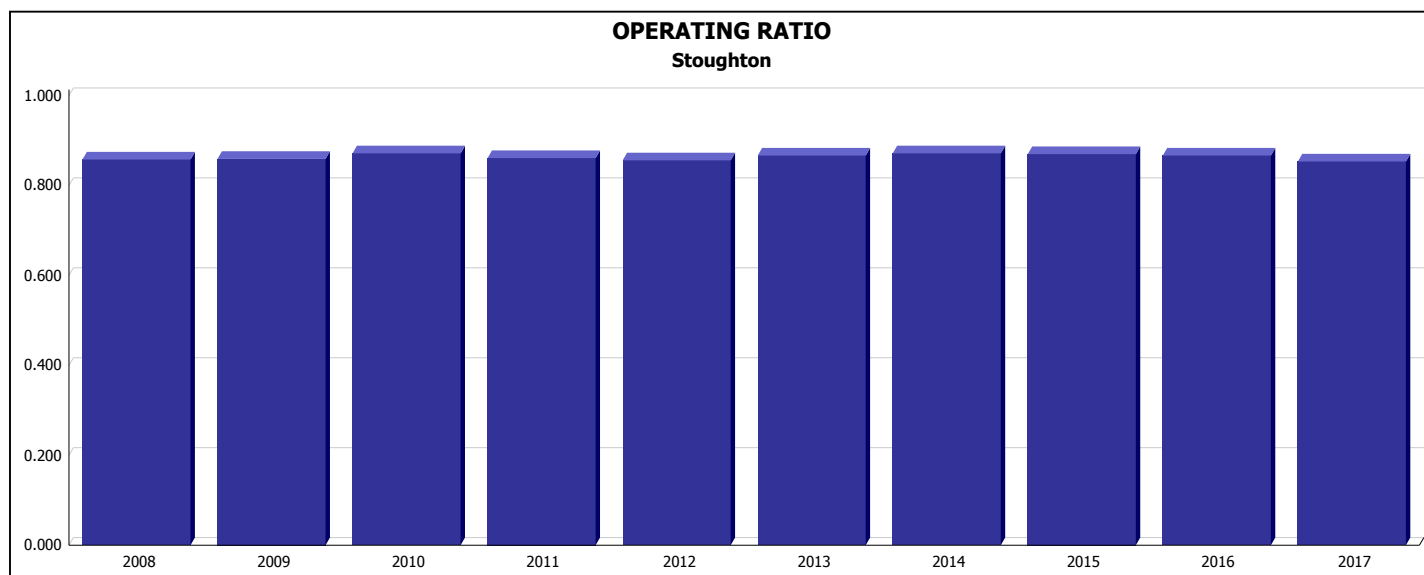
\* The control area average is calculated based on WPPI members in that area.

## Stoughton Utilities

### OPERATING RATIO:

The ratio of total electric operation and maintenance expenses to total electric operating revenues. This ratio measures the proportion of revenues received from electricity sales, rate adjustments and other electric activities required to cover the annual operation and maintenance costs associated with producing and selling electricity.

Year	WPPI Average - WI	WP&L Control Area	<b>Stoughton</b>	Reedsburg	Sheboygan Falls	Rice Lake	New London
2008	0.890	0.879	<b>0.858</b>	0.880	0.955	0.888	0.908
2009	0.882	0.872	<b>0.859</b>	0.888	0.885	0.884	0.906
2010	0.890	0.887	<b>0.872</b>	0.924	0.907	0.919	0.916
2011	0.888	0.888	<b>0.861</b>	0.922	0.900	0.919	0.909
2012	0.888	0.886	<b>0.856</b>	0.921	0.910	0.926	0.915
2013	0.882	0.883	<b>0.867</b>	0.920	0.906	0.905	0.912
2014	0.881	0.886	<b>0.872</b>	0.915	0.927	0.910	0.940
2015	0.874	0.878	<b>0.870</b>	0.907	0.935	0.925	0.917
2016	0.869	0.871	<b>0.867</b>	0.875	0.910	0.927	0.909
2017	0.865	0.871	<b>0.853</b>	0.880	0.906	0.910	0.904



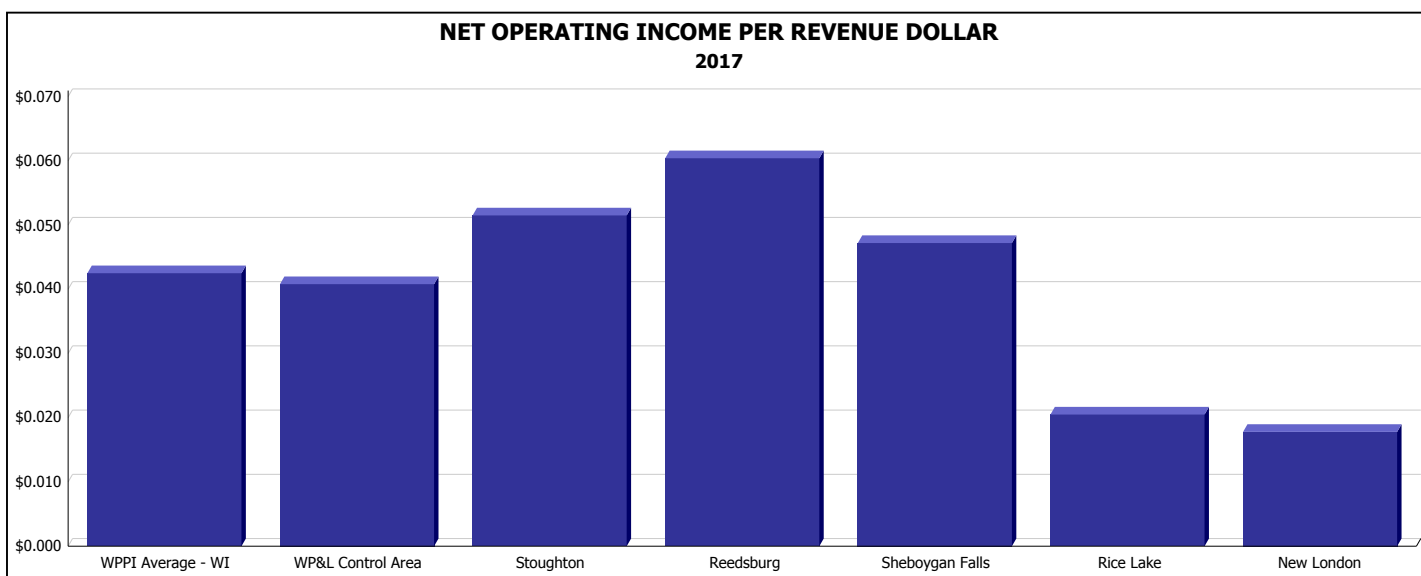
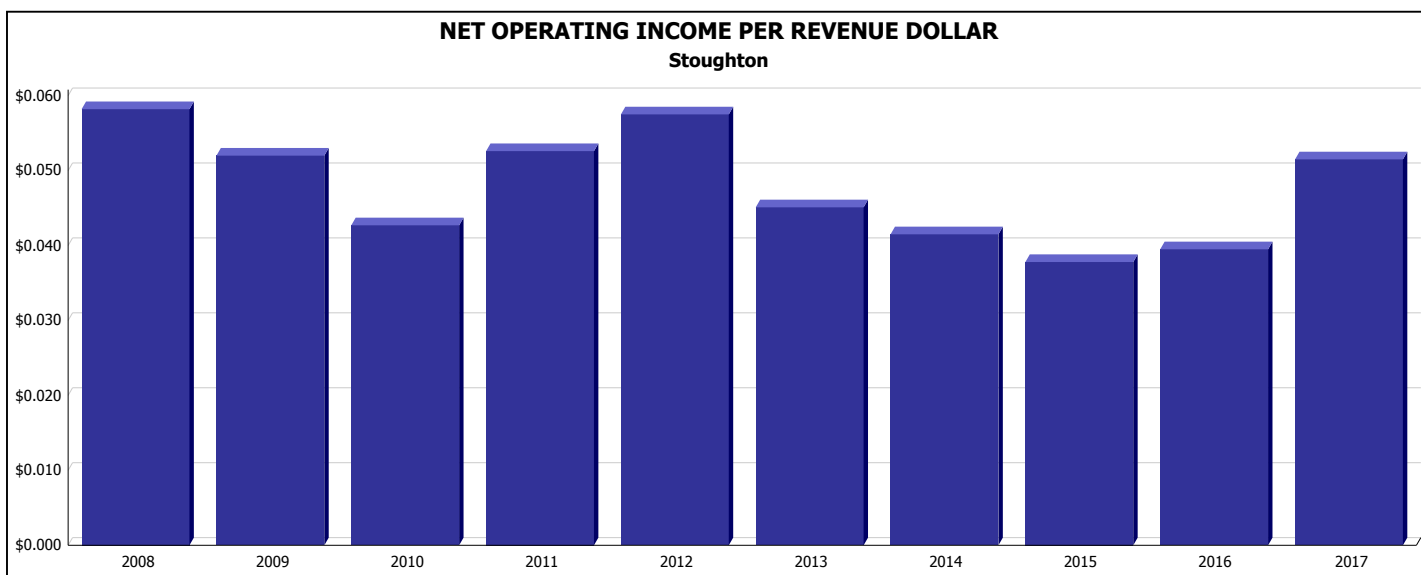
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## Stoughton Utilities

### NET OPERATING INCOME PER REVENUE DOLLAR:

The ratio of net electric utility income to total electric operating revenues. This ratio measures the amount of income remaining, after accounting for operation and maintenance expenses, depreciation, taxes and tax equivalents, for every dollar received from sales of electricity.

Year	WPPI Average - WI	WP&L Control Area	Stoughton	Reedsburg	Sheboygan Falls	Rice Lake	New London
2008	\$0.036	\$0.045	<b>\$0.058</b>	\$0.060	(\$0.002)	\$0.053	\$0.023
2009	\$0.040	\$0.047	<b>\$0.052</b>	\$0.052	\$0.069	\$0.049	\$0.020
2010	\$0.035	\$0.035	<b>\$0.043</b>	\$0.019	\$0.046	\$0.019	\$0.013
2011	\$0.037	\$0.036	<b>\$0.053</b>	\$0.022	\$0.048	\$0.023	\$0.021
2012	\$0.036	\$0.035	<b>\$0.058</b>	\$0.022	\$0.042	\$0.010	\$0.016
2013	\$0.039	\$0.036	<b>\$0.045</b>	\$0.020	\$0.047	\$0.028	\$0.014
2014	\$0.038	\$0.033	<b>\$0.042</b>	\$0.026	\$0.027	\$0.024	(\$0.013)
2015	\$0.042	\$0.039	<b>\$0.038</b>	\$0.036	\$0.019	\$0.006	\$0.008
2016	\$0.042	\$0.043	<b>\$0.040</b>	\$0.066	\$0.044	\$0.007	\$0.014
2017	\$0.042	\$0.041	<b>\$0.052</b>	\$0.060	\$0.047	\$0.020	\$0.018



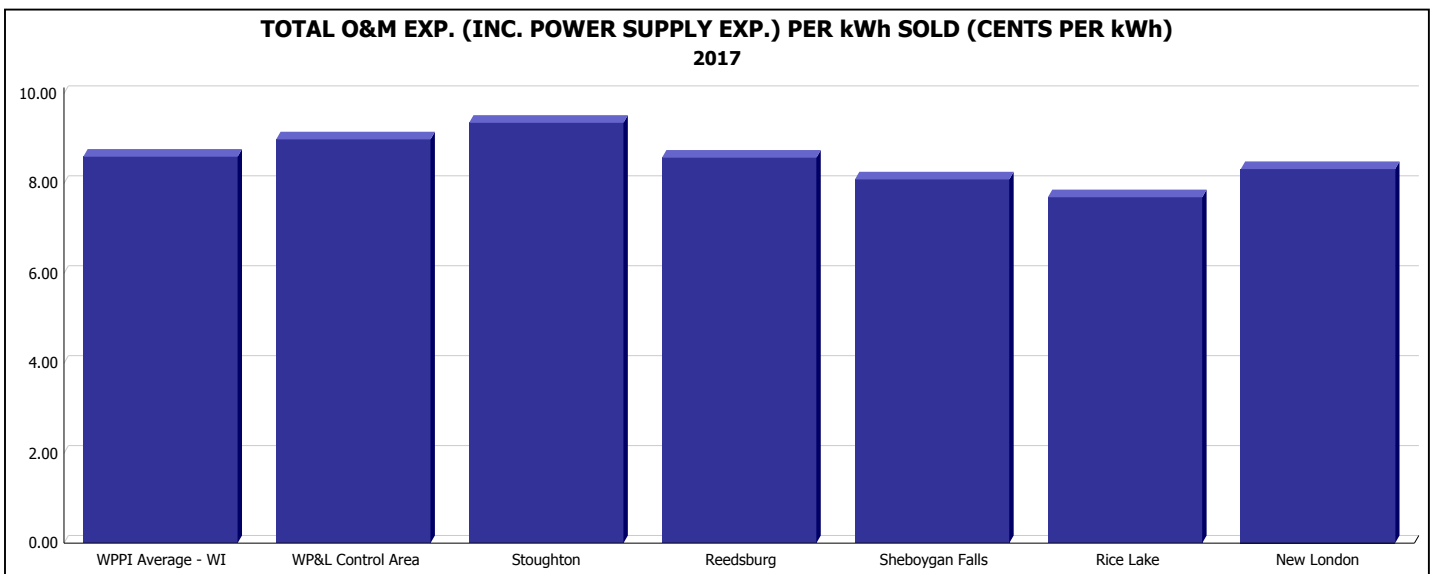
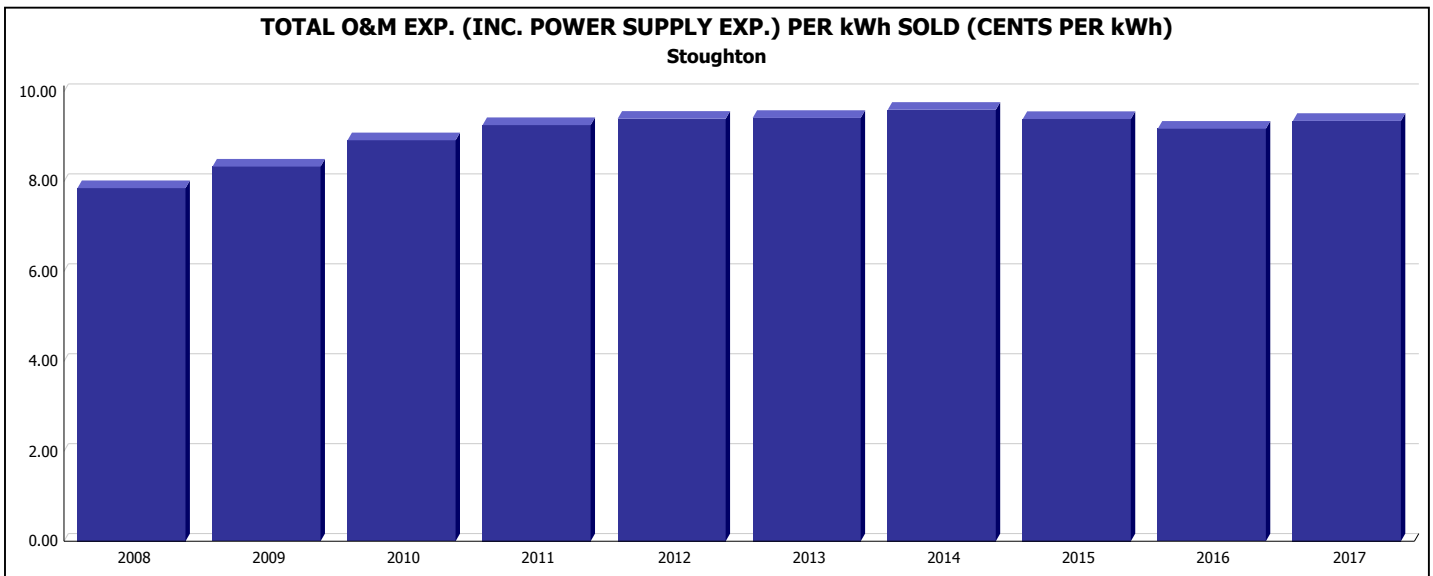
\* The control area average is calculated based on WPPI members in that area.

## Stoughton Utilities

### TOTAL O&M EXP. (INC. POWER SUPPLY EXP.) PER kWh SOLD (CENTS PER kWh):

The ratio of total electric utility operation and maintenance expenses, including the cost of generated and purchased power, to total kilowatt-hour sales to ultimate and resale customers. This ratio measures average total operation and maintenance expenses associated with each kilowatt-hour of electricity sold, either for resale or to ultimate customers.

Year	WPPI Average - WI	WP&L Control Area	Stoughton	Reedsburg	Sheboygan Falls	Rice Lake	New London
2008	7.13	7.56	<b>7.85</b>	7.27	6.98	6.80	6.86
2009	7.59	7.95	<b>8.33</b>	7.93	7.50	6.49	7.18
2010	8.11	8.53	<b>8.92</b>	8.32	7.57	7.24	7.84
2011	8.40	8.82	<b>9.26</b>	8.67	7.13	8.04	8.13
2012	8.62	8.97	<b>9.40</b>	8.56	7.33	8.05	8.36
2013	8.61	8.99	<b>9.41</b>	8.64	7.79	7.32	8.18
2014	8.67	9.14	<b>9.60</b>	8.72	7.83	7.30	8.53
2015	8.65	9.05	<b>9.39</b>	8.69	7.59	7.51	8.45
2016	8.48	8.94	<b>9.18</b>	8.71	7.51	7.97	8.31
2017	8.59	8.98	<b>9.35</b>	8.57	8.09	7.69	8.32



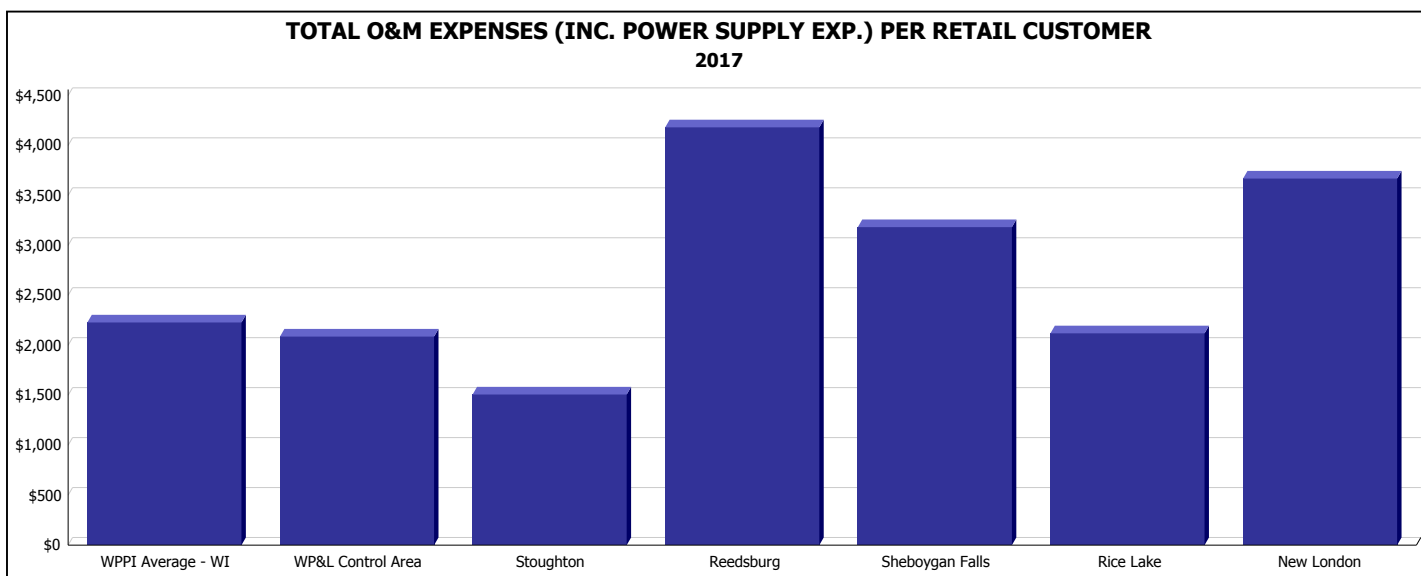
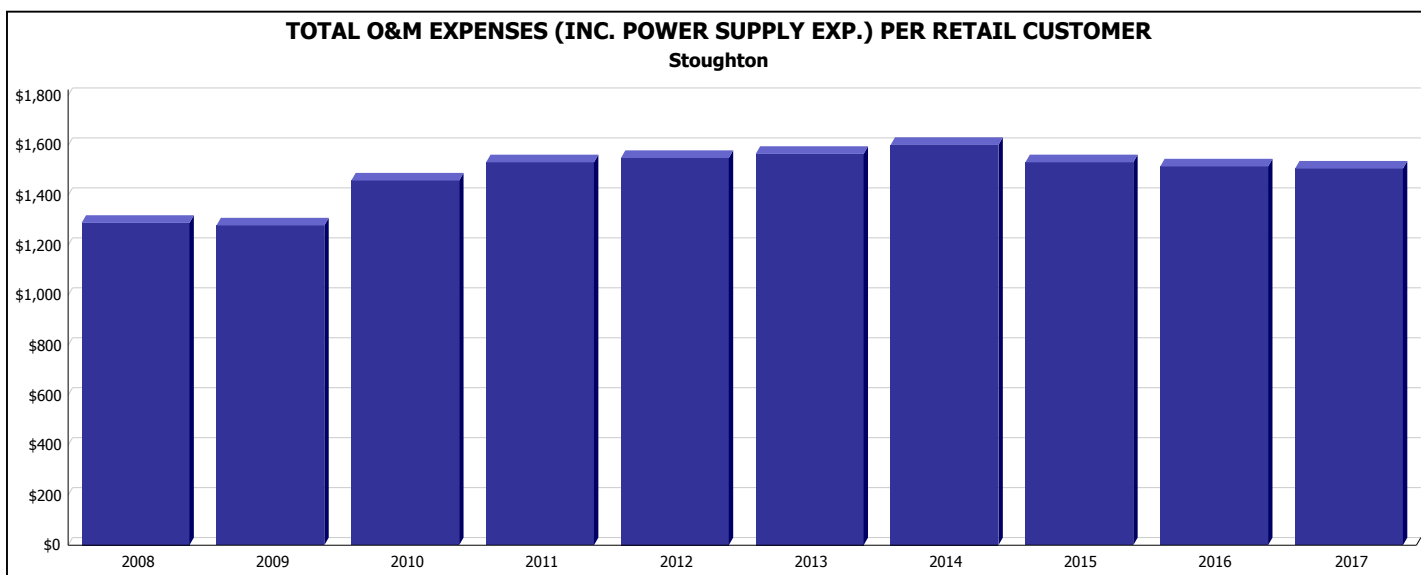
\* The control area average is calculated based on WPPI members in that area.

## Stoughton Utilities

### TOTAL O&M EXPENSES (INC. POWER SUPPLY EXP.) PER RETAIL CUSTOMER:

The ratio of total electric utility operation and maintenance expenses, including the cost of generated and purchased power, to total kilowatt-hour sales to ultimate and resale customers. This ratio measures average total operation and maintenance expenses associated with each kilowatt-hour of electricity sold, either for resale or to ultimate customers.

Year	WPPI Average - WI	WP&L Control Area	Stoughton	Reedsburg	Sheboygan Falls	Rice Lake	New London
2008	\$2,101	\$1,833	<b>\$1,290</b>	\$3,642	\$2,890	\$1,965	\$3,389
2009	\$2,084	\$1,798	<b>\$1,280</b>	\$3,758	\$2,810	\$1,778	\$3,436
2010	\$2,302	\$2,029	<b>\$1,460</b>	\$4,285	\$2,997	\$2,038	\$3,766
2011	\$2,366	\$2,096	<b>\$1,533</b>	\$4,294	\$2,826	\$2,305	\$3,846
2012	\$2,430	\$2,162	<b>\$1,550</b>	\$4,418	\$2,911	\$2,235	\$3,897
2013	\$2,399	\$2,144	<b>\$1,567</b>	\$4,439	\$3,095	\$2,050	\$3,861
2014	\$2,416	\$2,178	<b>\$1,603</b>	\$4,512	\$3,244	\$2,107	\$3,904
2015	\$2,366	\$2,138	<b>\$1,533</b>	\$4,488	\$3,165	\$2,180	\$3,776
2016	\$2,291	\$2,090	<b>\$1,516</b>	\$4,170	\$3,093	\$2,203	\$3,657
2017	\$2,229	\$2,088	<b>\$1,508</b>	\$4,182	\$3,183	\$2,120	\$3,669



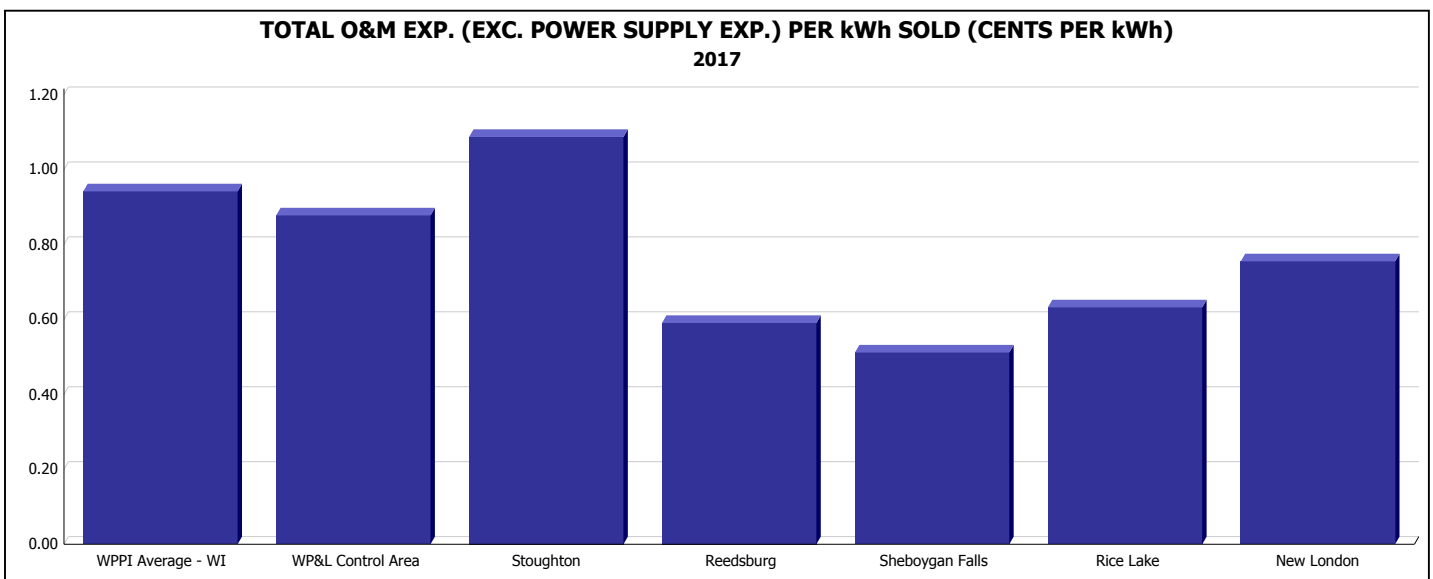
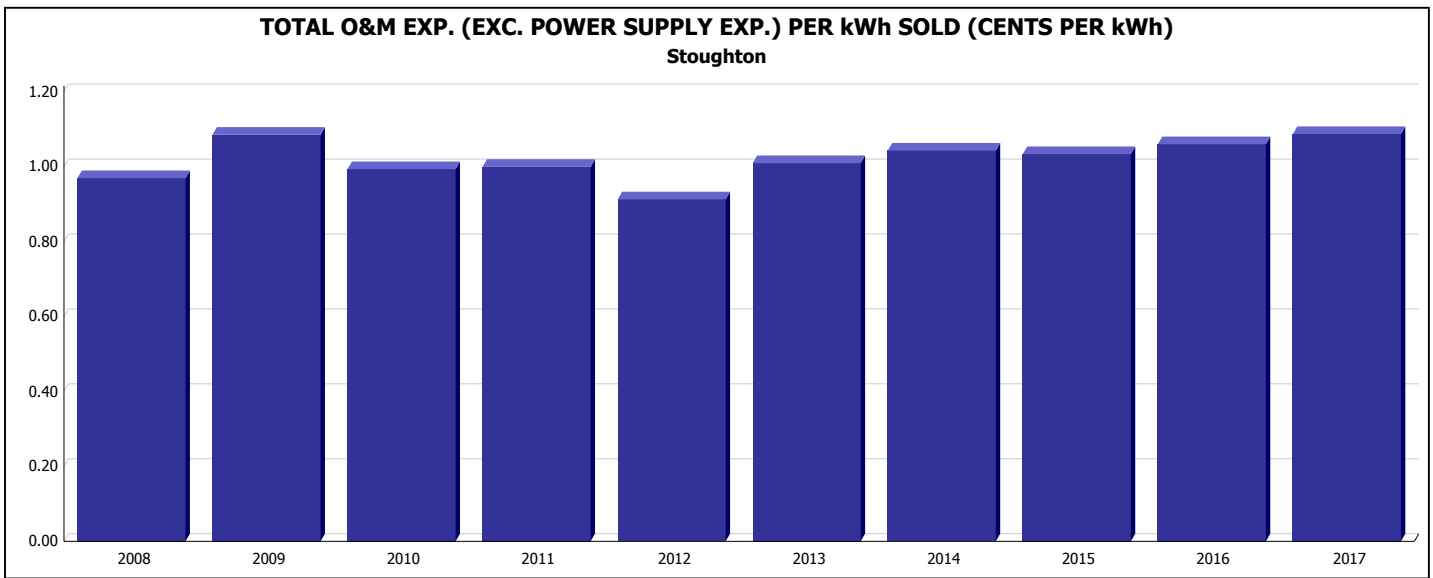
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## Stoughton Utilities

### TOTAL O&M EXP. (EXC. POWER SUPPLY EXP.) PER kWh SOLD (CENTS PER kWh):

The ratio of total electric utility operation and maintenance expenses, excluding all costs of power supply, to total kilowatt-hour sales to ultimate customers.

Year	WPPI Average - WI	WP&L Control Area	Stoughton	Reedsburg	Sheboygan Falls	Rice Lake	New London
2008	0.73	0.78	<b>0.97</b>	0.55	0.43	0.50	0.53
2009	0.80	0.80	<b>1.09</b>	0.67	0.45	0.58	0.57
2010	0.79	0.81	<b>0.99</b>	0.70	0.49	0.56	0.60
2011	0.83	0.81	<b>1.00</b>	0.78	0.46	0.72	0.63
2012	0.81	0.76	<b>0.91</b>	0.68	0.48	0.64	0.63
2013	0.84	0.79	<b>1.01</b>	0.73	0.53	0.68	0.59
2014	0.85	0.80	<b>1.04</b>	0.66	0.51	0.64	0.78
2015	0.89	0.84	<b>1.03</b>	0.66	0.46	0.74	0.75
2016	0.91	0.84	<b>1.06</b>	0.63	0.45	0.69	0.79
2017	0.94	0.88	<b>1.09</b>	0.59	0.51	0.63	0.75



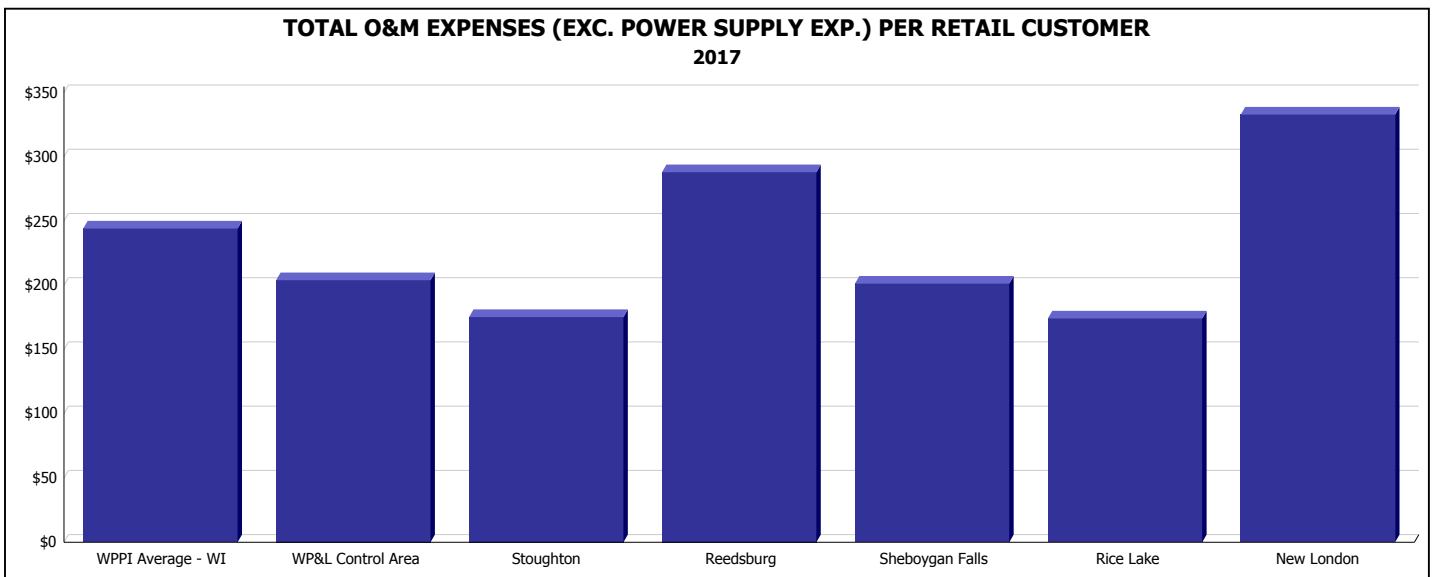
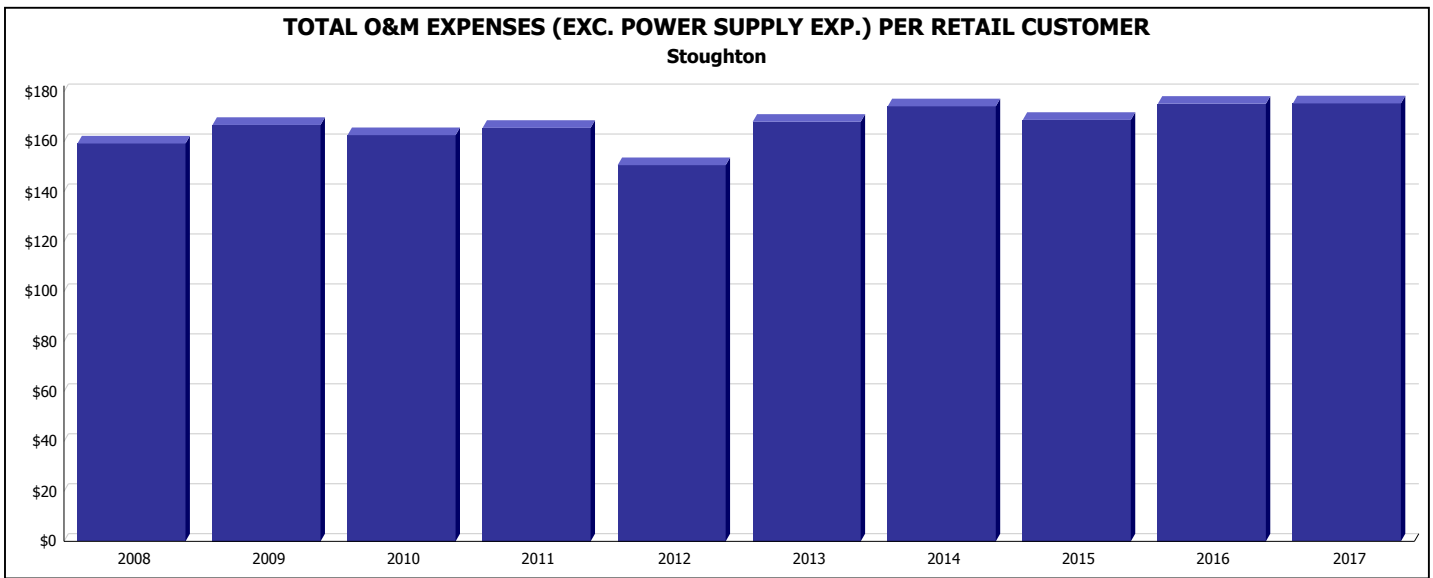
\* The control area average is calculated based on WPPI members in that area.

## Stoughton Utilities

### TOTAL O&M EXPENSES (EXC. POWER SUPPLY EXP.) PER RETAIL CUSTOMER:

The ratio of total electric utility operation and maintenance expenses, excluding all costs of power supply, to the total number of ultimate customers.

Year	WPPI Average - WI	WP&L Control Area	Stoughton	Reedsburg	Sheboygan Falls	Rice Lake	New London
2008	\$215	\$189	<b>\$159</b>	\$274	\$177	\$144	\$261
2009	\$219	\$182	<b>\$167</b>	\$317	\$170	\$158	\$275
2010	\$226	\$192	<b>\$163</b>	\$359	\$194	\$159	\$287
2011	\$234	\$193	<b>\$166</b>	\$387	\$182	\$207	\$297
2012	\$227	\$184	<b>\$151</b>	\$353	\$193	\$178	\$294
2013	\$235	\$187	<b>\$168</b>	\$373	\$210	\$189	\$280
2014	\$238	\$191	<b>\$174</b>	\$341	\$213	\$185	\$358
2015	\$243	\$197	<b>\$169</b>	\$343	\$191	\$214	\$337
2016	\$245	\$196	<b>\$175</b>	\$300	\$186	\$191	\$348
2017	\$244	\$204	<b>\$175</b>	\$288	\$201	\$174	\$333



\* The control area average is calculated based on WPPI members in that area.

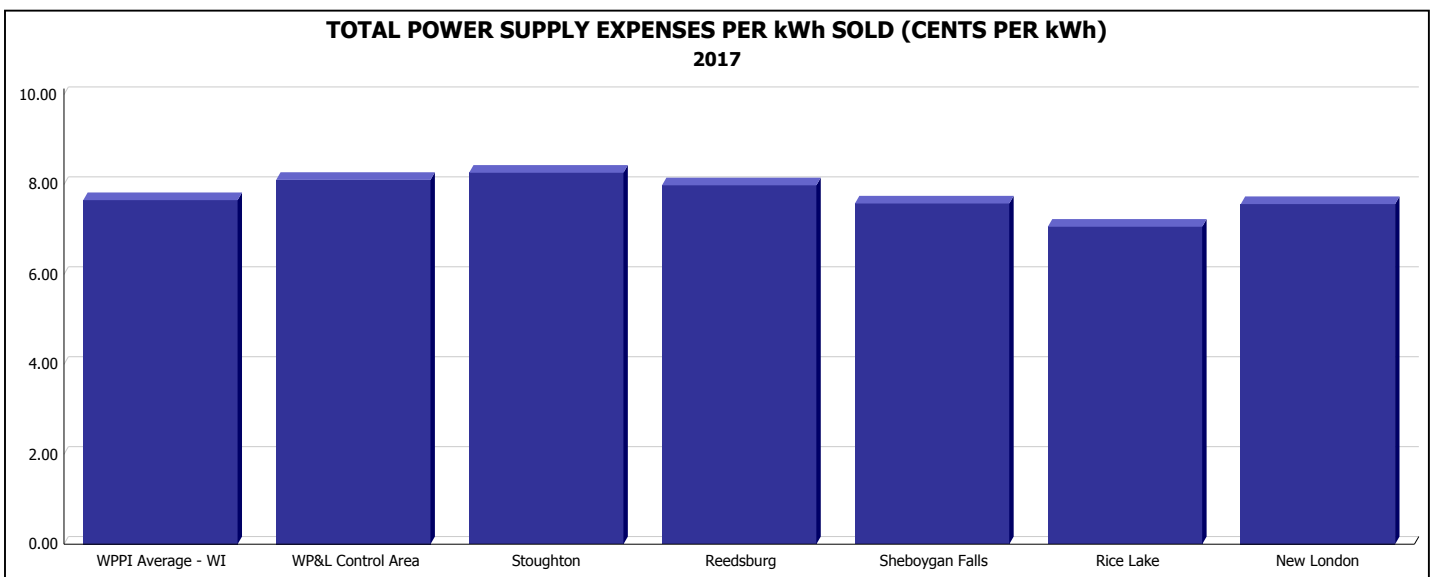
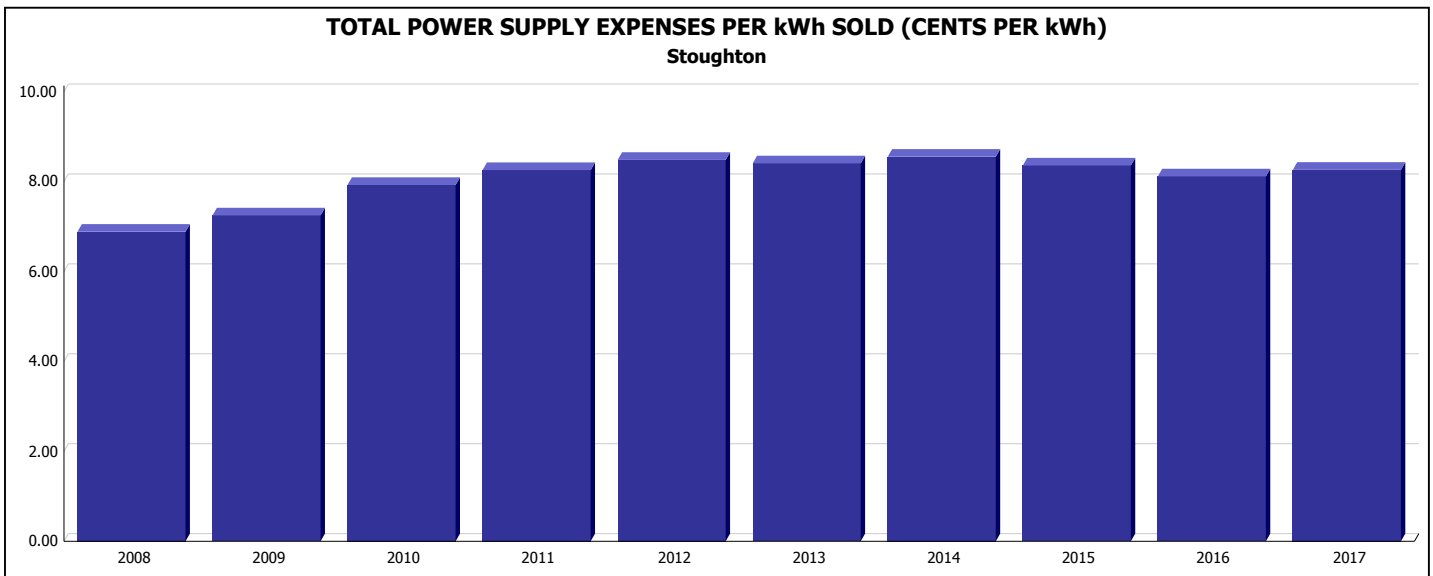


## Stoughton Utilities

### TOTAL POWER SUPPLY EXPENSES PER kWh SOLD (CENTS PER kWh):

The ratio of the total costs of power supply to total sales to both ultimate and resale customers. This ratio measures all power supply costs, including hydroelectric generation expenses and purchased power, associated with the sales of each kilowatt-hour of electricity.

Year	WPPI Average - WI	WP&L Control Area	Stoughton	Reedsburg	Sheboygan Falls	Rice Lake	New London
2008	6.40	6.78	<b>6.88</b>	6.73	6.56	6.30	6.33
2009	6.79	7.14	<b>7.25</b>	7.26	7.04	5.92	6.60
2010	7.32	7.73	<b>7.92</b>	7.62	7.08	6.68	7.25
2011	7.57	8.01	<b>8.26</b>	7.89	6.67	7.32	7.50
2012	7.81	8.21	<b>8.48</b>	7.88	6.84	7.41	7.73
2013	7.77	8.20	<b>8.41</b>	7.91	7.26	6.64	7.58
2014	7.82	8.33	<b>8.55</b>	8.06	7.31	6.66	7.75
2015	7.76	8.22	<b>8.36</b>	8.03	7.13	6.78	7.69
2016	7.58	8.10	<b>8.12</b>	8.09	7.06	7.27	7.52
2017	7.65	8.10	<b>8.26</b>	7.98	7.58	7.06	7.56



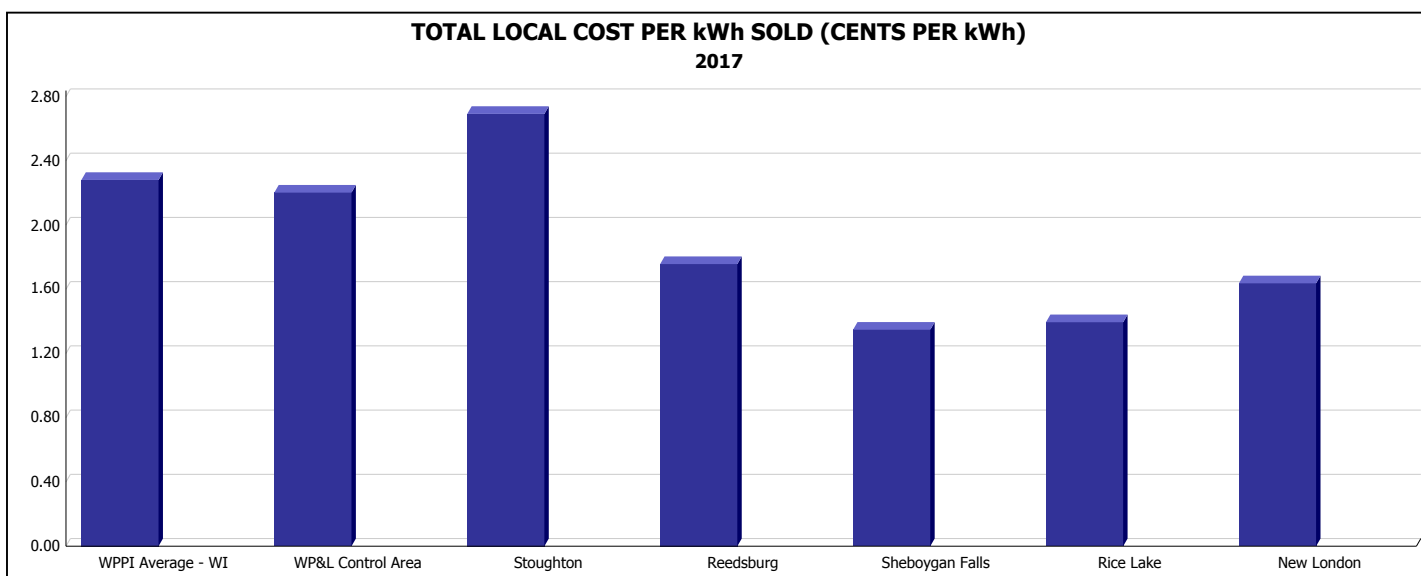
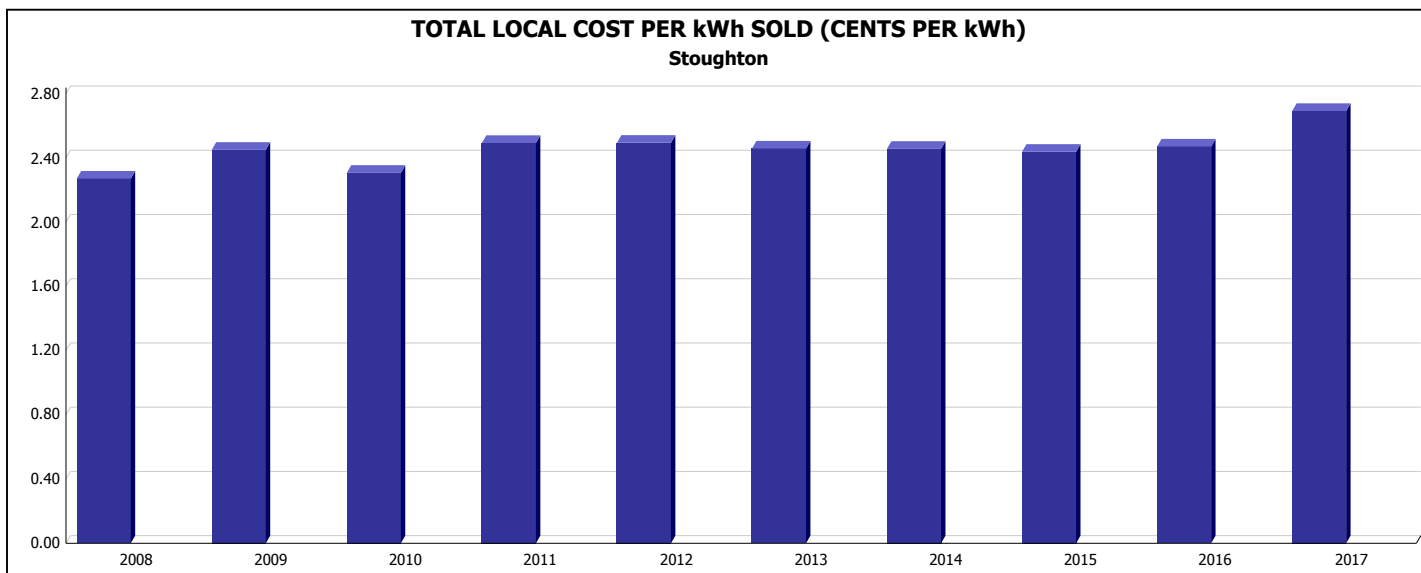
\* The control area average is calculated based on WPPI members in that area.

## Stoughton Utilities

### TOTAL LOCAL COST PER kWh SOLD (CENTS PER kWh):

The ratio of the difference between the total operating revenues per kWh sold and total power supply expense per kWh sold. This ratio measures all distribution costs associated with the sale of each kilowatt-hour of electricity.

Year	WPPI Average - WI	WP&L Control Area	Stoughton	Reedsburg	Sheboygan Falls	Rice Lake	New London
2008	1.61	1.82	<b>2.27</b>	1.54	0.76	1.35	1.22
2009	1.81	1.97	<b>2.45</b>	1.67	1.43	1.43	1.32
2010	1.80	1.89	<b>2.31</b>	1.38	1.26	1.20	1.32
2011	1.89	1.93	<b>2.49</b>	1.52	1.25	1.43	1.44
2012	1.90	1.92	<b>2.49</b>	1.42	1.21	1.28	1.41
2013	2.00	1.98	<b>2.46</b>	1.47	1.34	1.45	1.39
2014	2.02	1.98	<b>2.46</b>	1.47	1.13	1.36	1.33
2015	2.14	2.10	<b>2.44</b>	1.56	0.98	1.35	1.51
2016	2.18	2.16	<b>2.47</b>	1.87	1.20	1.32	1.62
2017	2.28	2.20	<b>2.69</b>	1.76	1.35	1.39	1.64



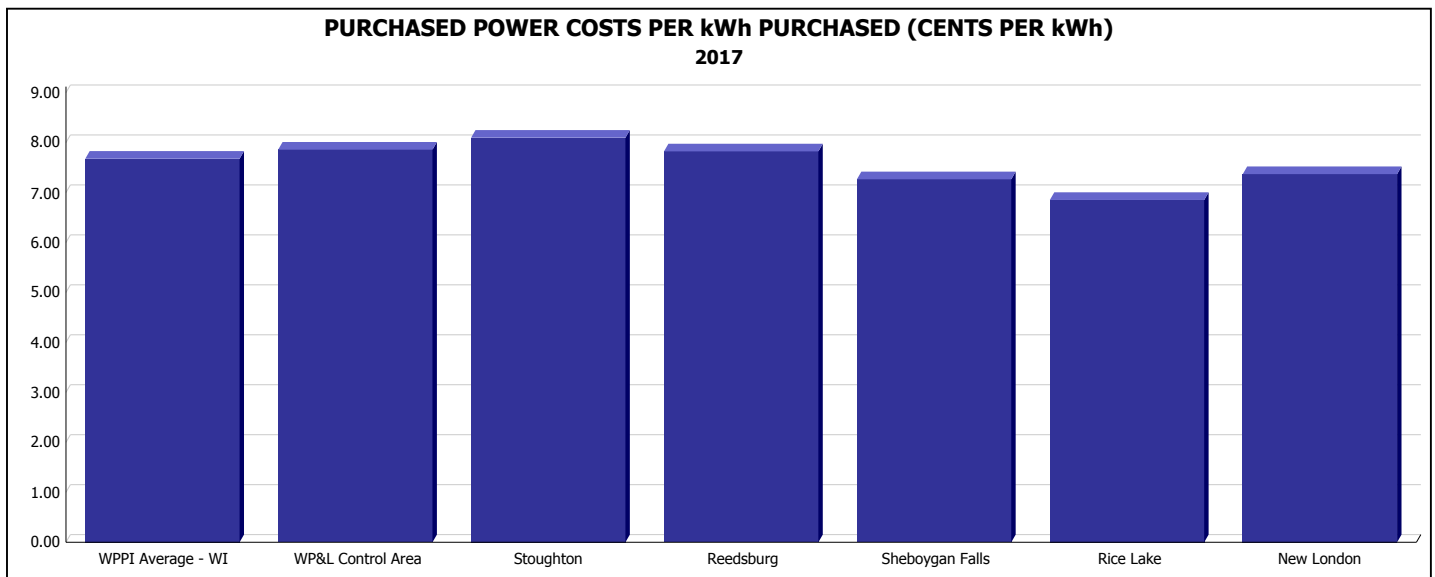
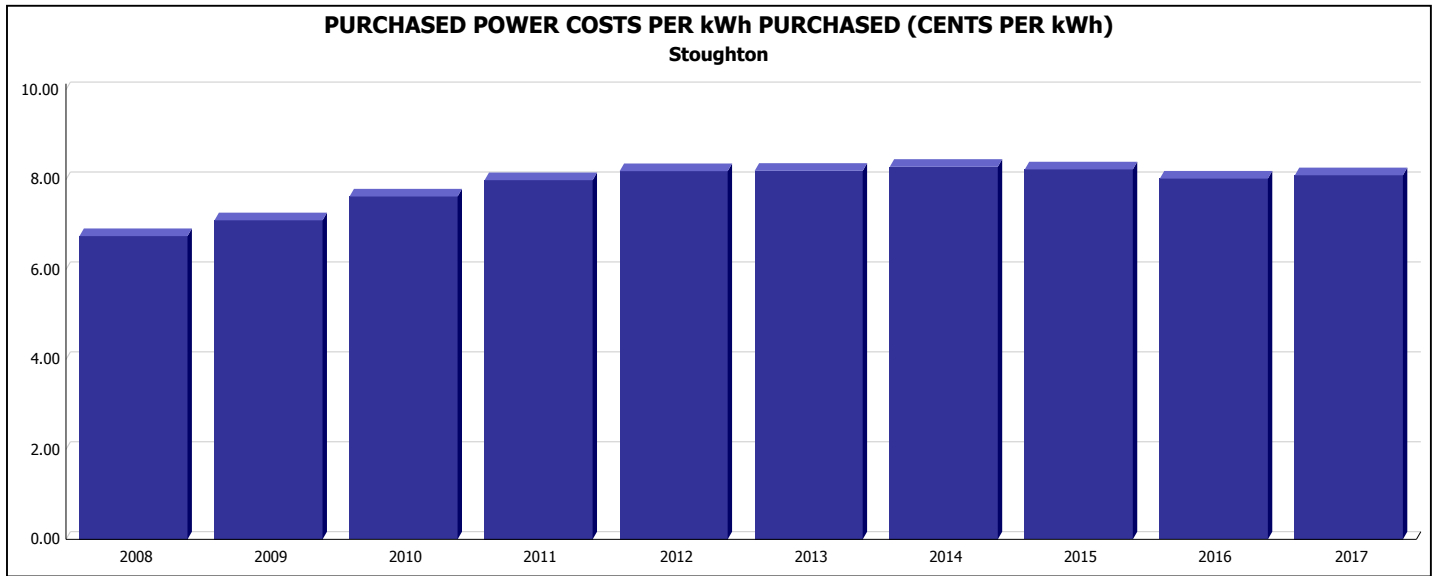
\* The control area average is calculated based on WPPI members in that area.

# Stoughton Utilities

## PURCHASED POWER COSTS PER kWh PURCHASED (CENTS PER kWh):

The ratio of purchased power to the amount of kilowatt-hours purchased. This ratio measures the purchased power component of power supply costs.

Year	WPPI Average - WI	WP&L Control Area	<b>Stoughton</b>	Reedsburg	Sheboygan Falls	Rice Lake	New London
2008	6.35	6.55	<b>6.74</b>	6.54	6.38	6.07	6.10
2009	6.76	6.93	<b>7.10</b>	7.07	6.80	5.71	6.42
2010	7.32	7.48	<b>7.63</b>	7.42	6.75	6.40	7.05
2011	7.56	7.77	<b>7.99</b>	7.74	6.49	7.13	7.29
2012	7.72	7.94	<b>8.19</b>	7.72	6.43	7.19	7.50
2013	7.72	7.95	<b>8.20</b>	7.75	6.44	6.38	7.42
2014	7.56	8.06	<b>8.29</b>	7.90	7.19	6.49	7.51
2015	7.80	7.99	<b>8.23</b>	7.87	6.91	6.60	7.54
2016	7.66	7.84	<b>8.02</b>	7.92	6.83	7.04	7.29
2017	7.68	7.86	<b>8.10</b>	7.82	7.27	6.85	7.37



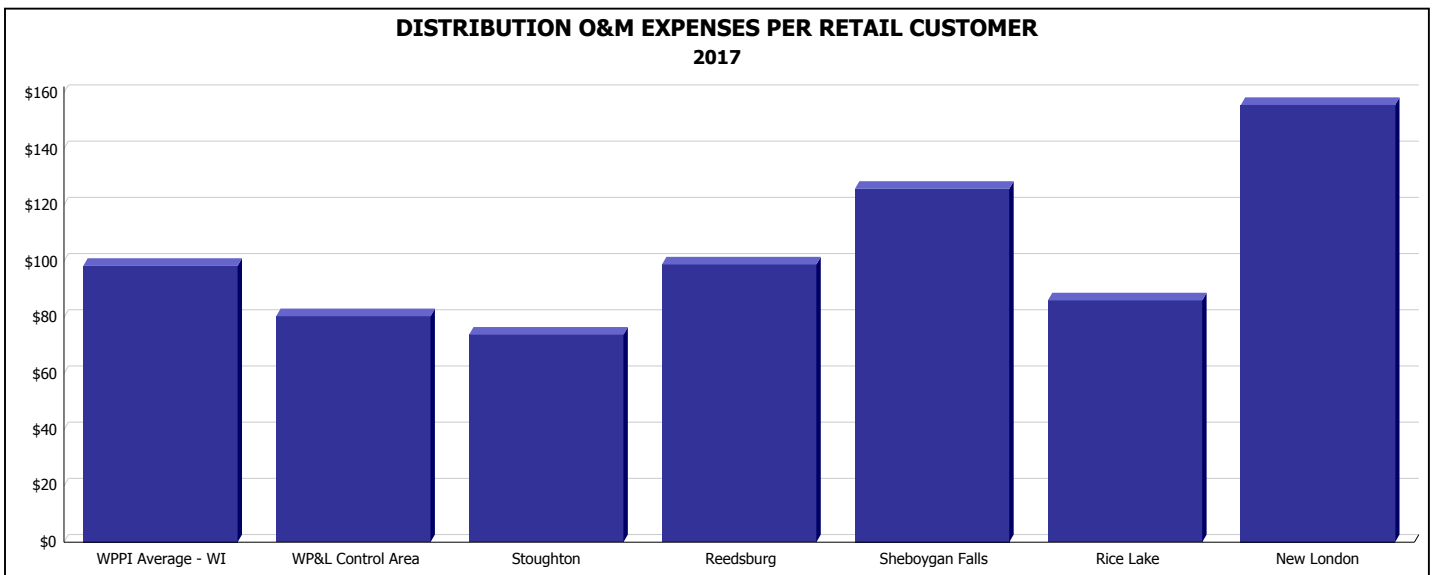
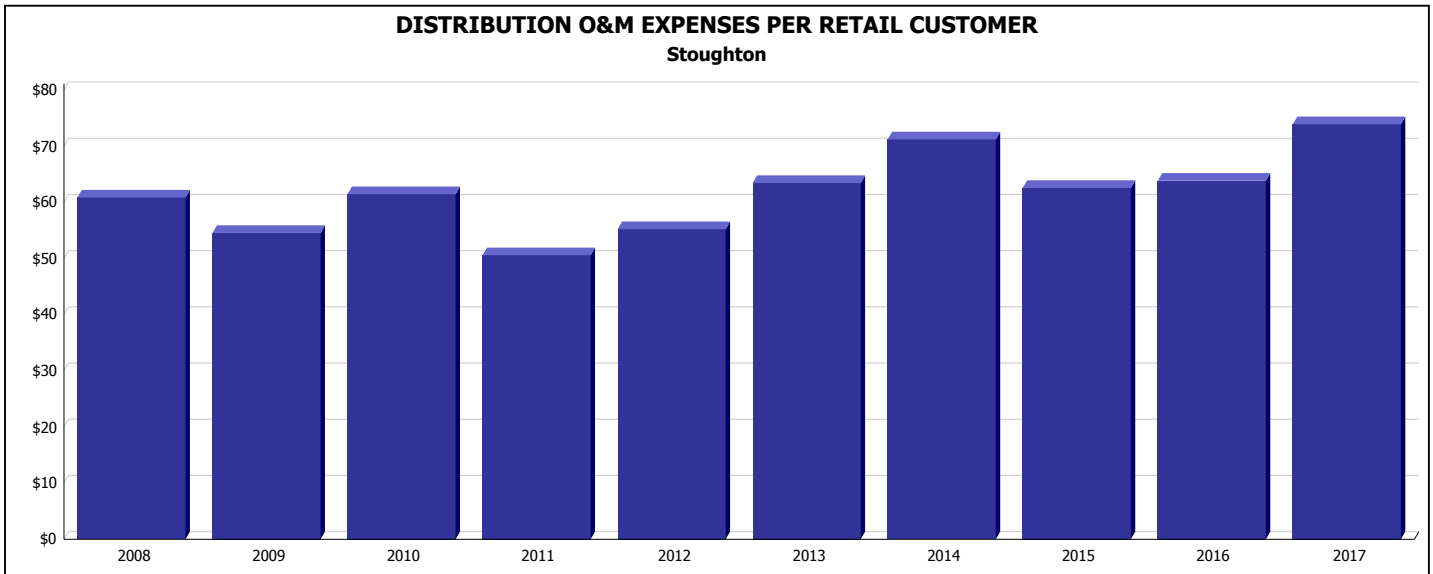
\* The control area average is calculated based on WPPI members in that area.

# Stoughton Utilities

## DISTRIBUTION O&M EXPENSES PER RETAIL CUSTOMER:

The ratio of total distribution operation and maintenance expenses to the total number of customers. This ratio measures the average annual distribution expense associated with delivering power to each retail customer.

Year	WPPI Average - WI	WP&L Control Area	Stoughton	Reedsburg	Sheboygan Falls	Rice Lake	New London
2008	\$83.51	\$75.56	<b>\$60.81</b>	\$106.06	\$104.47	\$69.41	\$88.12
2009	\$82.67	\$66.66	<b>\$54.51</b>	\$109.89	\$98.15	\$79.35	\$91.51
2010	\$87.12	\$72.98	<b>\$61.40</b>	\$124.65	\$117.96	\$80.85	\$118.13
2011	\$95.11	\$69.68	<b>\$50.54</b>	\$112.05	\$110.77	\$111.14	\$125.54
2012	\$92.24	\$67.29	<b>\$55.18</b>	\$102.26	\$114.06	\$95.35	\$111.55
2013	\$98.28	\$69.01	<b>\$63.39</b>	\$120.13	\$128.86	\$104.36	\$116.23
2014	\$97.81	\$73.76	<b>\$71.15</b>	\$114.52	\$130.12	\$98.40	\$128.80
2015	\$100.35	\$76.83	<b>\$62.51</b>	\$149.24	\$107.64	\$119.74	\$154.52
2016	\$100.58	\$75.16	<b>\$63.79</b>	\$109.46	\$106.24	\$103.97	\$159.33
2017	\$98.33	\$80.42	<b>\$73.85</b>	\$98.83	\$125.74	\$86.05	\$155.58



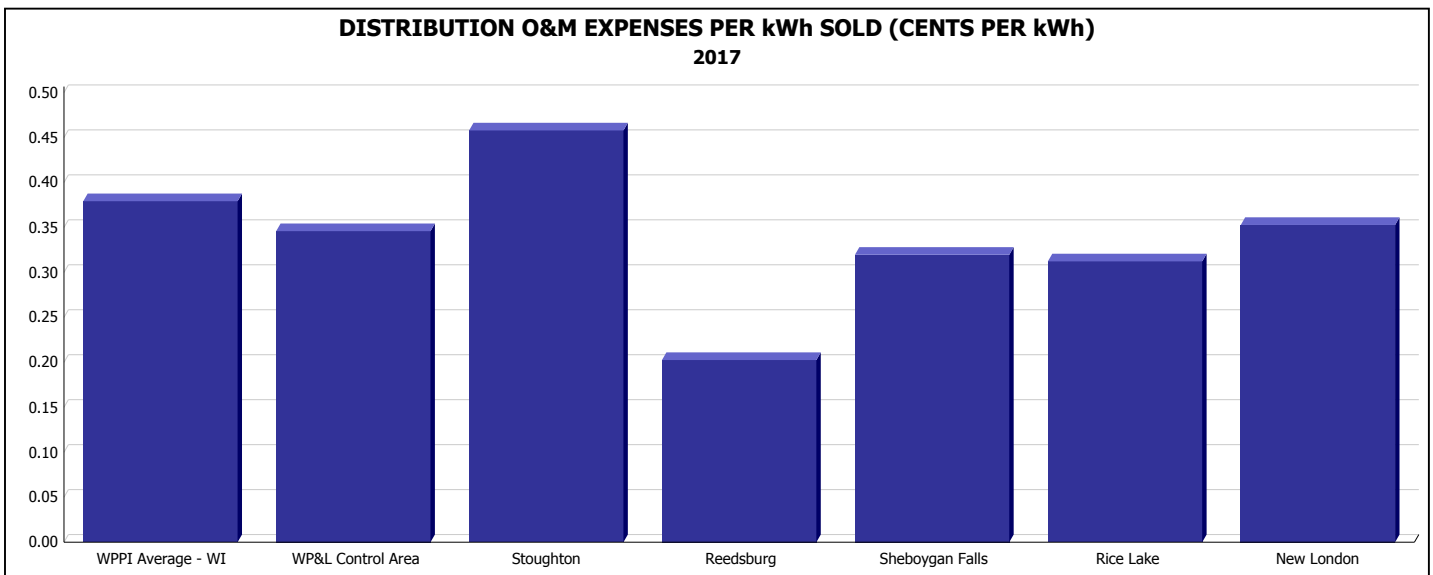
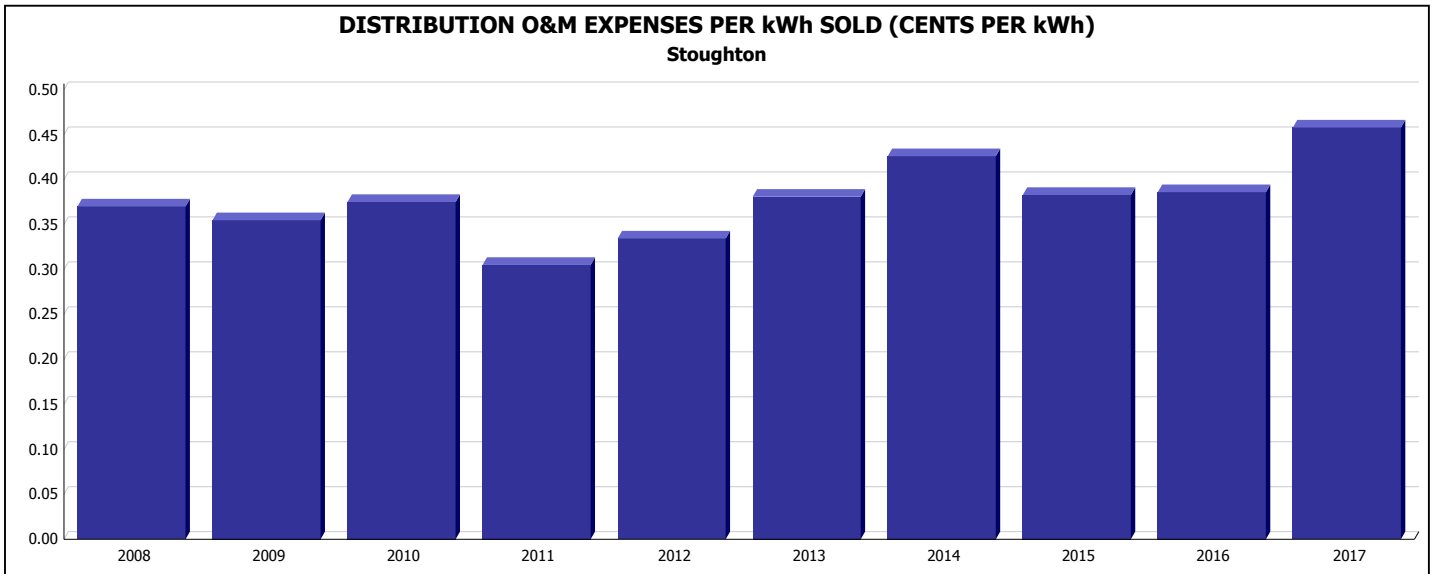
\* The control area average is calculated based on WPPI members in that area.

## Stoughton Utilities

### DISTRIBUTION O&M EXPENSES PER kWh SOLD (CENTS PER kWh):

The ratio of total distribution operation and maintenance expense to total energy sales to both ultimate and resale customers. This ratio measures the average distribution expense associated with the sale of each kilowatt-hour of electricity in cent per kWh.

Year	WPPI Average - WI	WP&L Control Area	Stoughton	Reedsburg	Sheboygan Falls	Rice Lake	New London
2008	0.28	0.31	<b>0.37</b>	0.21	0.25	0.24	0.18
2009	0.30	0.29	<b>0.35</b>	0.23	0.26	0.29	0.19
2010	0.31	0.31	<b>0.38</b>	0.24	0.30	0.29	0.25
2011	0.34	0.29	<b>0.31</b>	0.23	0.28	0.39	0.27
2012	0.33	0.28	<b>0.33</b>	0.20	0.29	0.34	0.24
2013	0.35	0.29	<b>0.38</b>	0.23	0.32	0.37	0.25
2014	0.35	0.31	<b>0.43</b>	0.22	0.31	0.34	0.28
2015	0.37	0.33	<b>0.38</b>	0.29	0.26	0.41	0.35
2016	0.37	0.32	<b>0.39</b>	0.23	0.26	0.38	0.36
2017	0.38	0.35	<b>0.46</b>	0.20	0.32	0.31	0.35



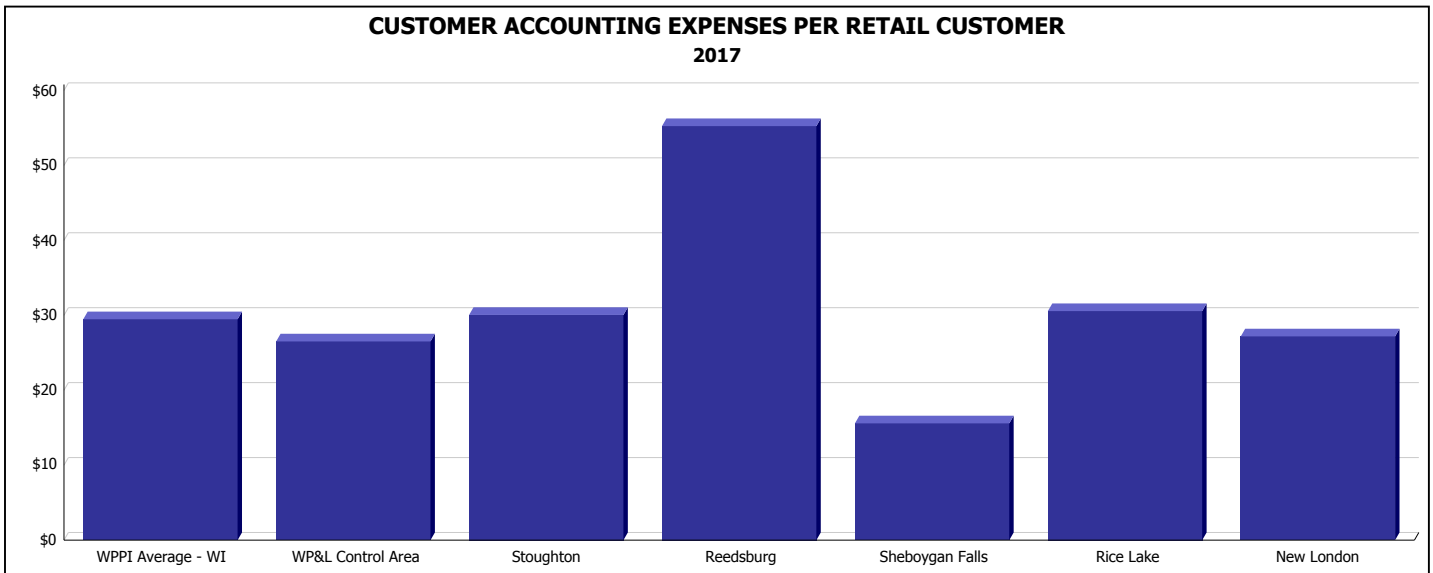
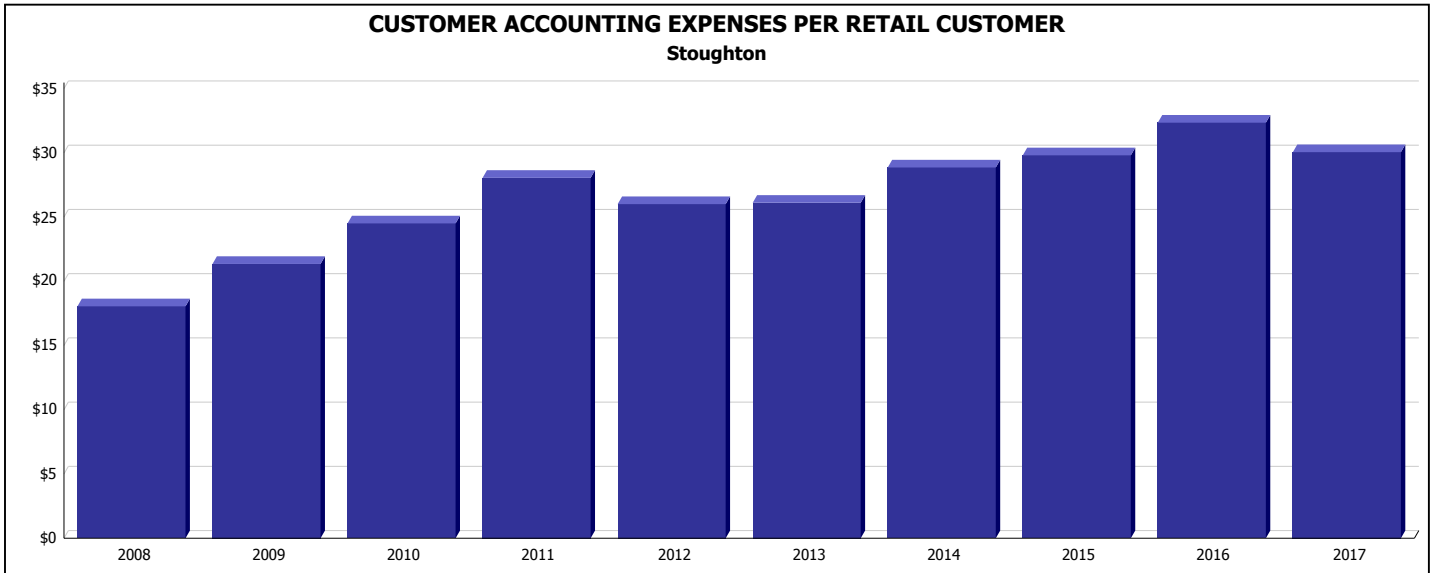
\* The control area average is calculated based on WPPI members in that area.

# Stoughton Utilities

## CUSTOMER ACCOUNTING EXPENSES PER RETAIL CUSTOMER:

The ratio of total customer accounting and service expenses to the total number of retail customers. This ratio measures the average annual expenses incurred by the utility in handling each customer's account. This includes the costs of metering reading, and servicing all retail customers. Uncollectible account expenses are included in this ratio.

Year	WPPI Average - WI	WP&L Control Area	Stoughton	Reedsburg	Sheboygan Falls	Rice Lake	New London
2008	\$27.01	\$24.55	<b>\$18.05</b>	\$44.09	\$17.28	\$24.76	\$34.46
2009	\$27.92	\$23.68	<b>\$21.35</b>	\$50.82	\$17.90	\$25.62	\$34.67
2010	\$28.26	\$24.99	<b>\$24.51</b>	\$48.96	\$17.39	\$26.04	\$27.20
2011	\$28.99	\$31.13	<b>\$28.05</b>	\$120.53	\$19.61	\$27.63	\$12.56
2012	\$26.69	\$27.64	<b>\$26.01</b>	\$79.52	\$18.62	\$26.51	\$7.76
2013	\$28.37	\$28.08	<b>\$26.11</b>	\$81.10	\$17.16	\$27.64	\$13.16
2014	\$30.40	\$27.01	<b>\$28.86</b>	\$75.59	\$21.21	\$27.32	\$72.90
2015	\$30.07	\$27.50	<b>\$29.81</b>	\$68.66	\$19.23	\$29.86	\$21.81
2016	\$29.63	\$26.72	<b>\$32.35</b>	\$57.87	\$19.03	\$26.78	\$22.88
2017	\$29.48	\$26.52	<b>\$30.05</b>	\$55.25	\$15.59	\$30.57	\$27.19



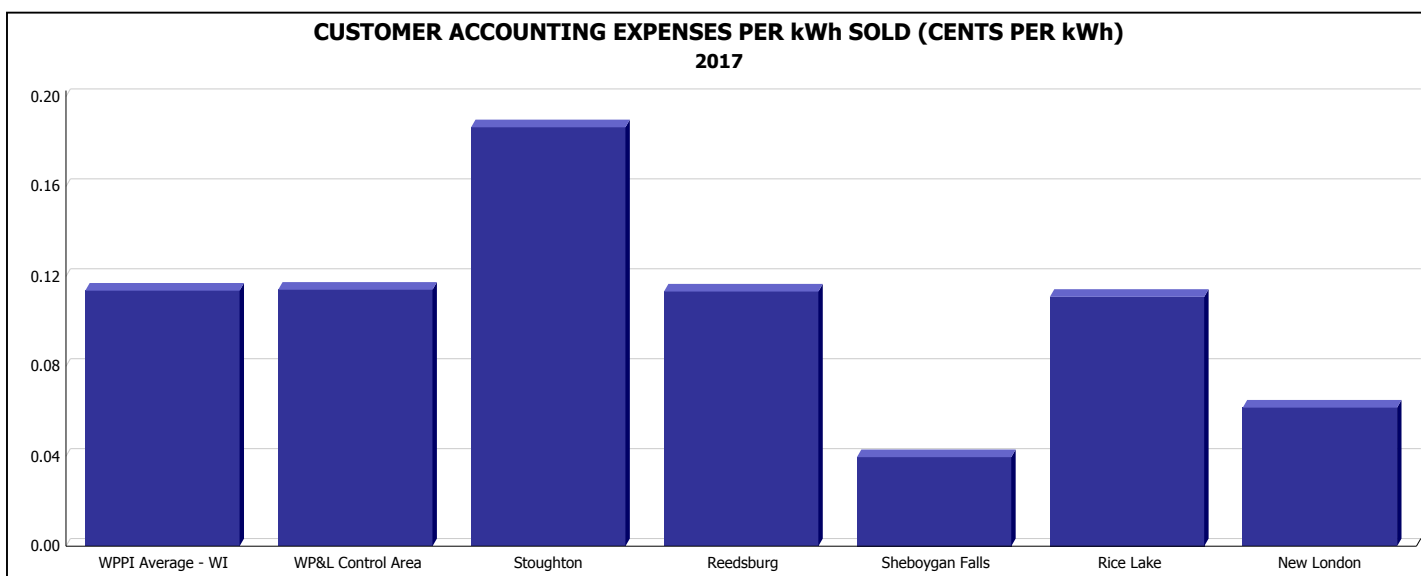
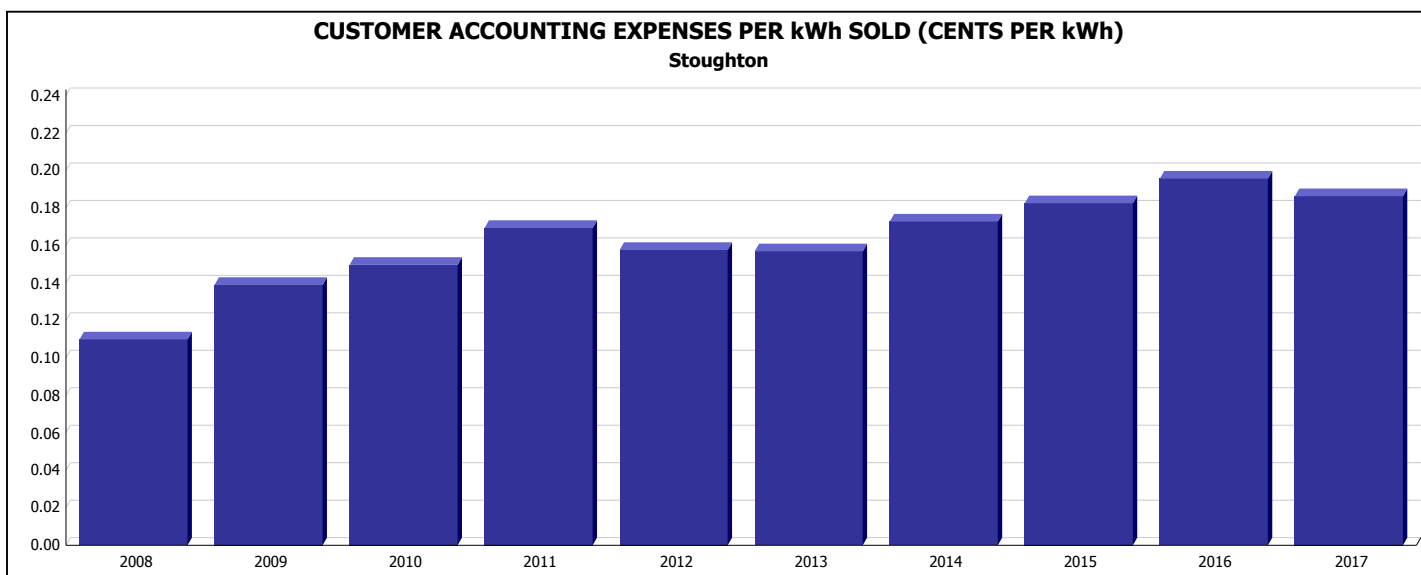
\* The control area average is calculated based on WPPI members in that area.

## Stoughton Utilities

### CUSTOMER ACCOUNTING EXPENSES PER kWh SOLD (CENTS PER kWh):

The ratio of total customer accounting and service expense to total energy sales to both ultimate and resale customers. This ratio measures the average expenses incurred by the utility in handling a customer's account on a per kWh basis in cents per kWh. Uncollectible accounts and meter expenses are included in this ratio.

Year	WPPI Average - WI	WP&L Control Area	Stoughton	Reedsburg	Sheboygan Falls	Rice Lake	New London
2008	0.09	0.10	<b>0.11</b>	0.09	0.04	0.09	0.07
2009	0.10	0.10	<b>0.14</b>	0.11	0.05	0.09	0.07
2010	0.10	0.11	<b>0.15</b>	0.10	0.04	0.09	0.06
2011	0.10	0.13	<b>0.17</b>	0.24	0.05	0.10	0.03
2012	0.09	0.11	<b>0.16</b>	0.15	0.05	0.10	0.02
2013	0.10	0.12	<b>0.16</b>	0.16	0.04	0.10	0.03
2014	0.11	0.11	<b>0.17</b>	0.15	0.05	0.09	0.16
2015	0.11	0.12	<b>0.18</b>	0.13	0.05	0.10	0.05
2016	0.11	0.11	<b>0.20</b>	0.12	0.05	0.10	0.05
2017	0.11	0.11	<b>0.19</b>	0.11	0.04	0.11	0.06



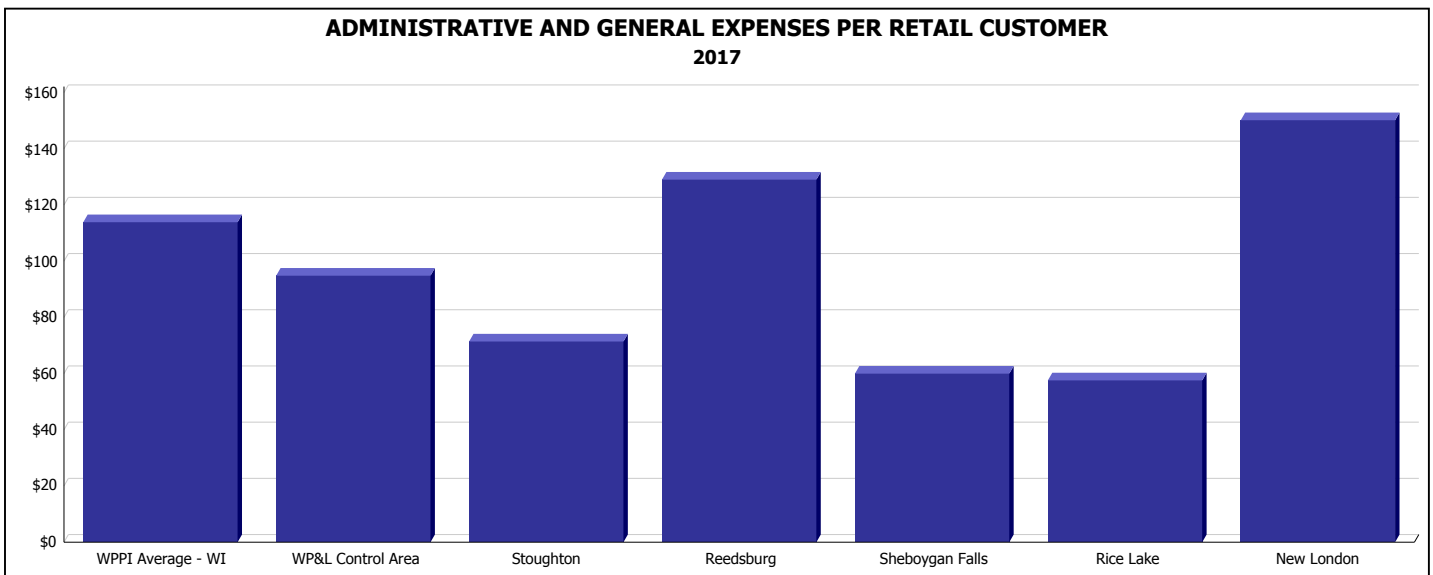
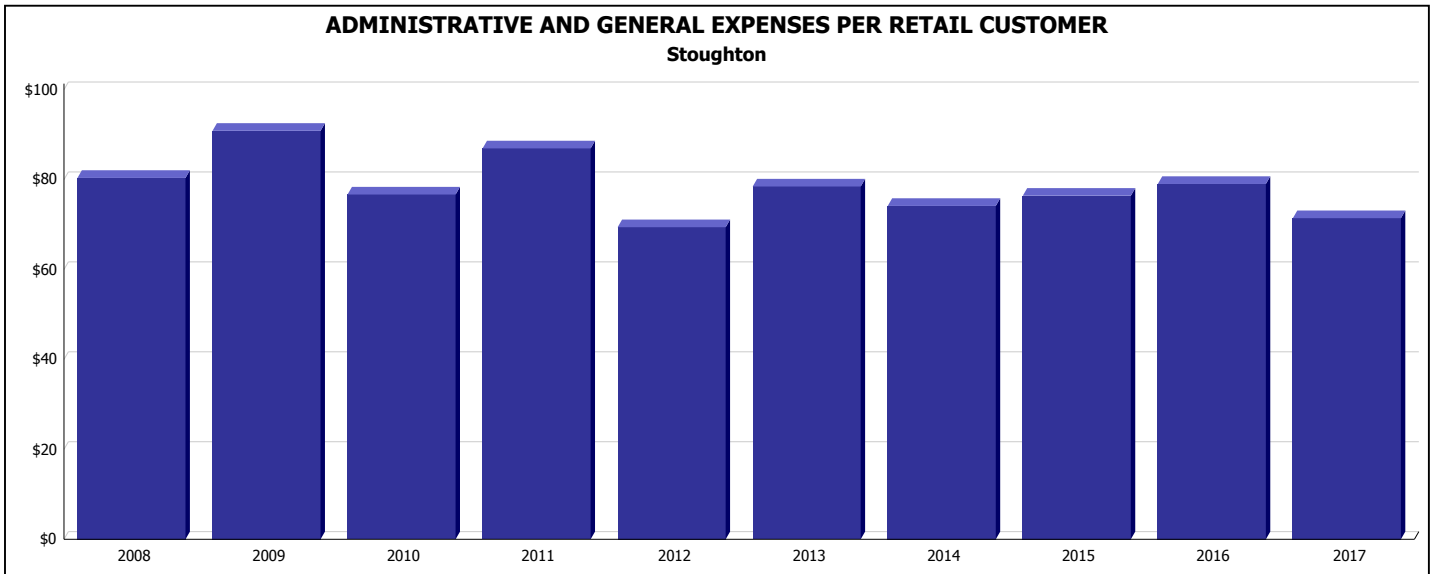
\* The control area average is calculated based on WPPI members in that area.

# Stoughton Utilities

## ADMINISTRATIVE AND GENERAL EXPENSES PER RETAIL CUSTOMER:

The ratio of total electric utility administrative and general expenses to the total number of retail customers. This ratio measures the average annual administrative and general expense incurred by the utility on behalf of each retail customer.

Year	WPPI Average - WI	WP&L Control Area	Stoughton	Reedsburg	Sheboygan Falls	Rice Lake	New London
2008	\$100.76	\$87.24	<b>\$80.37</b>	\$120.94	\$54.80	\$49.41	\$121.31
2009	\$104.55	\$89.54	<b>\$90.85</b>	\$145.40	\$54.01	\$52.10	\$131.60
2010	\$106.41	\$91.19	<b>\$76.68</b>	\$179.91	\$58.67	\$51.68	\$124.72
2011	\$107.89	\$91.08	<b>\$86.94</b>	\$151.58	\$52.10	\$67.24	\$158.93
2012	\$104.81	\$86.48	<b>\$69.41</b>	\$154.95	\$59.85	\$55.48	\$174.20
2013	\$107.80	\$88.93	<b>\$78.46</b>	\$168.34	\$64.25	\$56.73	\$151.02
2014	\$108.32	\$89.33	<b>\$74.15</b>	\$147.42	\$61.97	\$58.80	\$156.30
2015	\$110.85	\$90.62	<b>\$76.40</b>	\$120.90	\$64.59	\$64.19	\$160.32
2016	\$112.89	\$91.93	<b>\$79.03</b>	\$128.82	\$61.03	\$60.63	\$165.39
2017	\$113.87	\$94.84	<b>\$71.42</b>	\$129.02	\$59.98	\$57.59	\$150.17



\* The control area average is calculated based on WPPI members in that area.

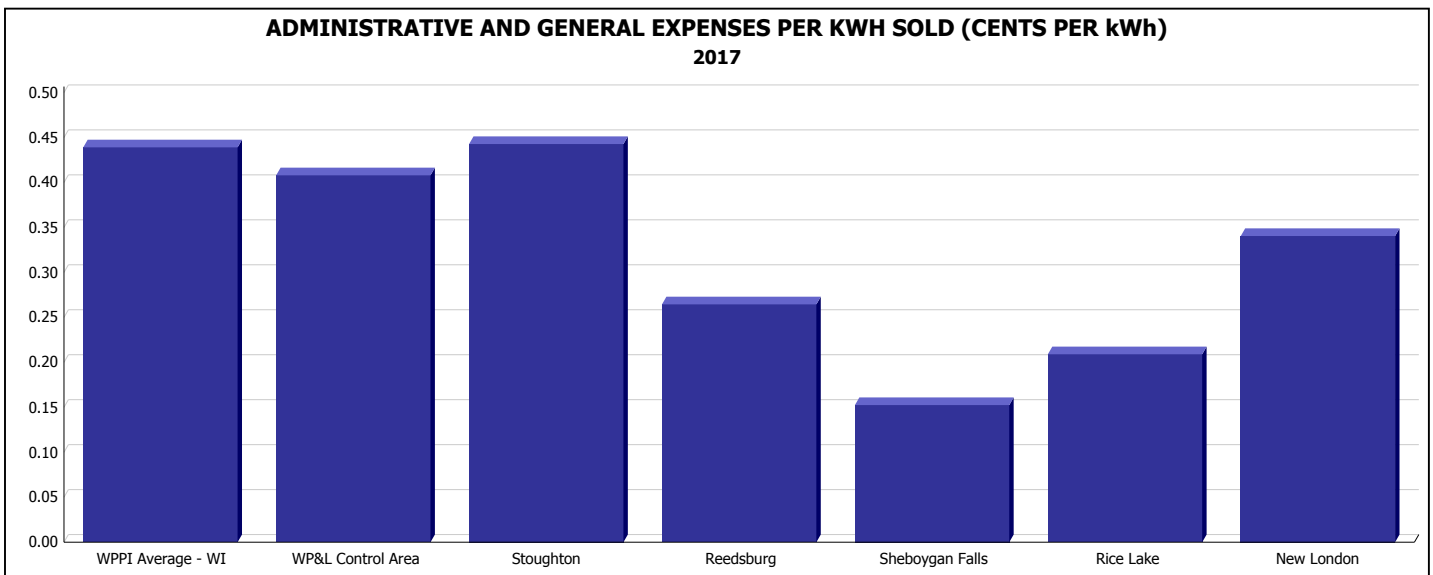
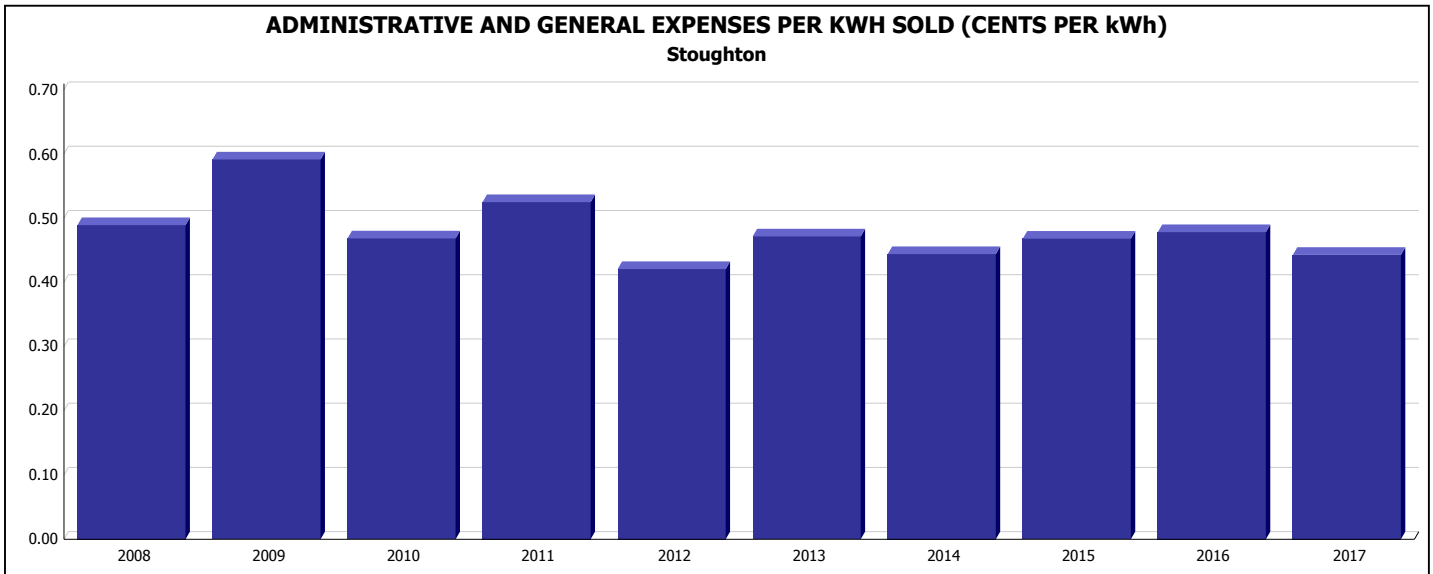


# Stoughton Utilities

## ADMINISTRATIVE AND GENERAL EXPENSES PER KWH SOLD (CENTS PER kWh):

The ratio of total electric utility administrative and general expense to total energy sales to both ultimate and resale customers. This ratio measures the average administrative and general expenses incurred by the utility for each kWh of sales in cents per kWh.

Year	WPPI Average - WI	WP&L Control Area	<b>Stoughton</b>	Reedsburg	Sheboygan Falls	Rice Lake	New London
2008	0.34	0.36	<b>0.49</b>	0.24	0.13	0.17	0.25
2009	0.38	0.40	<b>0.59</b>	0.31	0.14	0.19	0.27
2010	0.37	0.38	<b>0.47</b>	0.35	0.15	0.18	0.26
2011	0.38	0.38	<b>0.52</b>	0.31	0.13	0.23	0.34
2012	0.37	0.36	<b>0.42</b>	0.30	0.15	0.20	0.37
2013	0.39	0.37	<b>0.47</b>	0.33	0.16	0.20	0.32
2014	0.39	0.37	<b>0.44</b>	0.28	0.15	0.20	0.34
2015	0.41	0.38	<b>0.47</b>	0.23	0.15	0.22	0.36
2016	0.42	0.39	<b>0.48</b>	0.27	0.15	0.22	0.38
2017	0.44	0.41	<b>0.44</b>	0.26	0.15	0.21	0.34



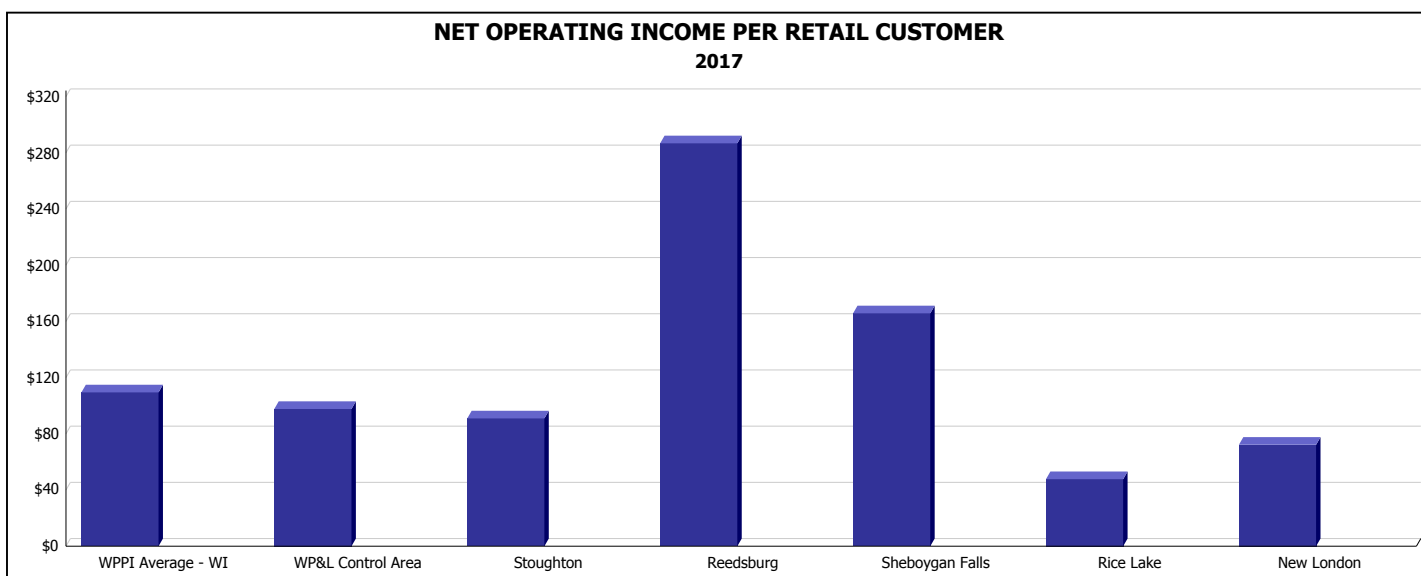
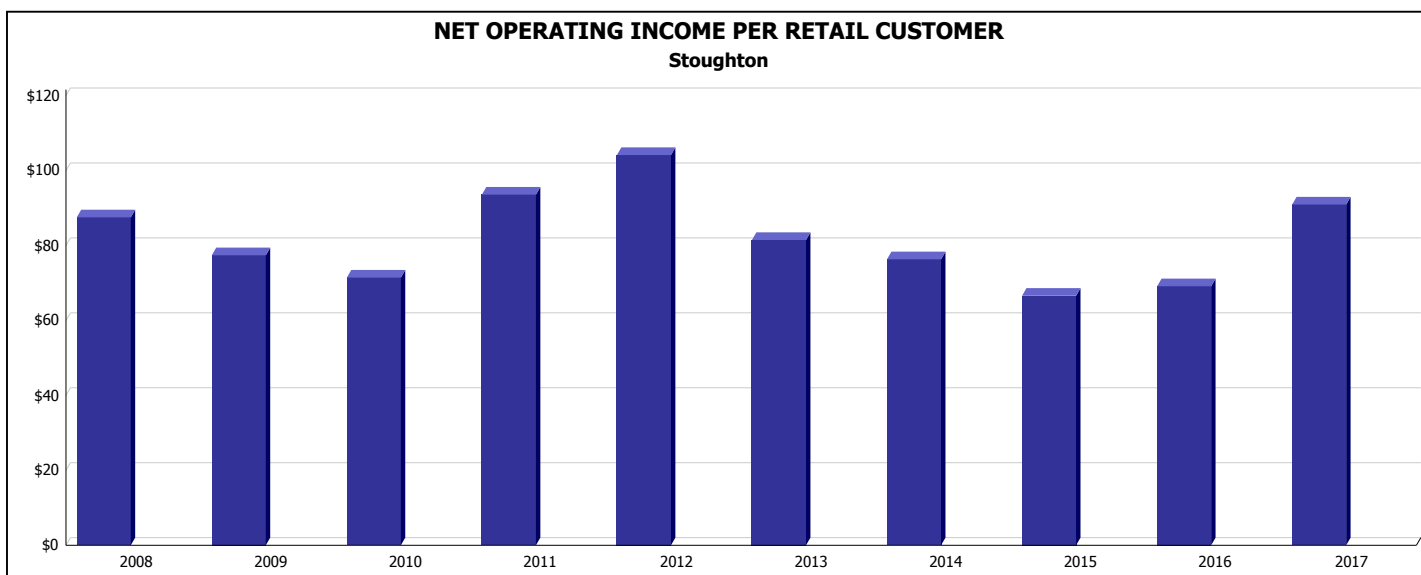
\* The control area average is calculated based on WPPI members in that area.

## Stoughton Utilities

### NET OPERATING INCOME PER RETAIL CUSTOMER:

The ratio of net electric utility income to the total number of retail customers. This ratio measures the amount of income remaining, after accounting for operation and maintenance expenses, depreciation, taxes and tax equivalents, for every dollar received by the utility on behalf of each retail customer.

Year	WPPI Average - WI	WP&L Control Area	Stoughton	Reedsburg	Sheboygan Falls	Rice Lake	New London
2008	\$85.41	\$93.34	<b>\$87.52</b>	\$250.07	(\$4.57)	\$118.11	\$84.77
2009	\$93.25	\$97.71	<b>\$77.41</b>	\$221.52	\$218.87	\$98.45	\$75.72
2010	\$90.79	\$80.51	<b>\$71.45</b>	\$90.02	\$153.00	\$41.86	\$53.57
2011	\$99.21	\$83.85	<b>\$93.59</b>	\$101.87	\$150.94	\$57.67	\$90.01
2012	\$97.92	\$85.65	<b>\$104.15</b>	\$104.42	\$135.42	\$25.00	\$65.82
2013	\$106.85	\$88.46	<b>\$81.49</b>	\$96.91	\$161.69	\$64.40	\$60.68
2014	\$104.75	\$81.48	<b>\$76.33</b>	\$129.37	\$94.33	\$55.56	(\$52.37)
2015	\$112.81	\$94.26	<b>\$66.60</b>	\$175.51	\$64.36	\$14.00	\$35.07
2016	\$110.59	\$102.39	<b>\$69.13</b>	\$312.86	\$148.75	\$15.83	\$57.14
2017	\$109.47	\$97.65	<b>\$90.95</b>	\$286.74	\$165.74	\$47.72	\$72.19



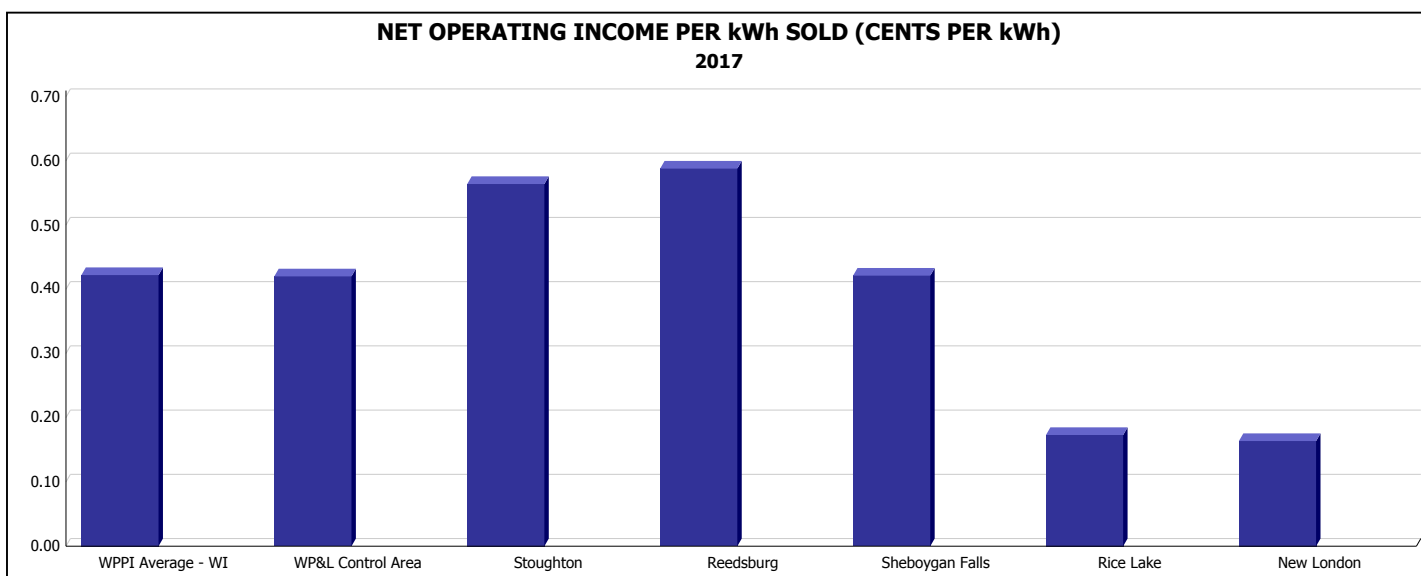
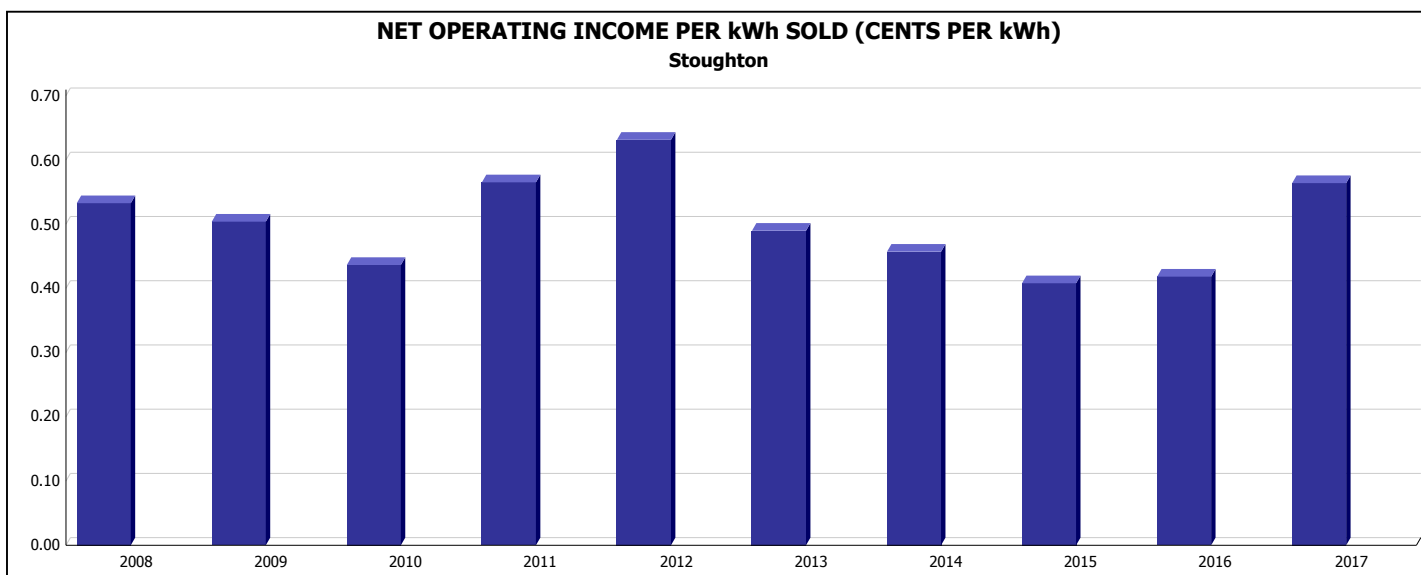
\* The control area average is calculated based on WPPI members in that area.

## Stoughton Utilities

### NET OPERATING INCOME PER kWh SOLD (CENTS PER kWh):

The ratio of net electric utility income to total energy sales to both ultimate and resale customers. This ratio measures the amount of income remaining, after accounting for operation and maintenance expenses, depreciation, taxes and tax equivalents, for every dollar received by the utility for each kWh of sales in cents per kWh.

Year	WPPI Average - WI	WP&L Control Area	<b>Stoughton</b>	Reedsburg	Sheboygan Falls	Rice Lake	New London
2008	0.29	0.38	<b>0.53</b>	0.50	-0.01	0.41	0.17
2009	0.34	0.43	<b>0.50</b>	0.47	0.58	0.36	0.16
2010	0.32	0.34	<b>0.44</b>	0.17	0.39	0.15	0.11
2011	0.35	0.35	<b>0.57</b>	0.21	0.38	0.20	0.19
2012	0.35	0.36	<b>0.63</b>	0.20	0.34	0.09	0.14
2013	0.38	0.37	<b>0.49</b>	0.19	0.41	0.23	0.13
2014	0.38	0.34	<b>0.46</b>	0.25	0.23	0.19	-0.11
2015	0.41	0.40	<b>0.41</b>	0.34	0.15	0.05	0.08
2016	0.41	0.44	<b>0.42</b>	0.65	0.36	0.06	0.13
2017	0.42	0.42	<b>0.56</b>	0.59	0.42	0.17	0.16



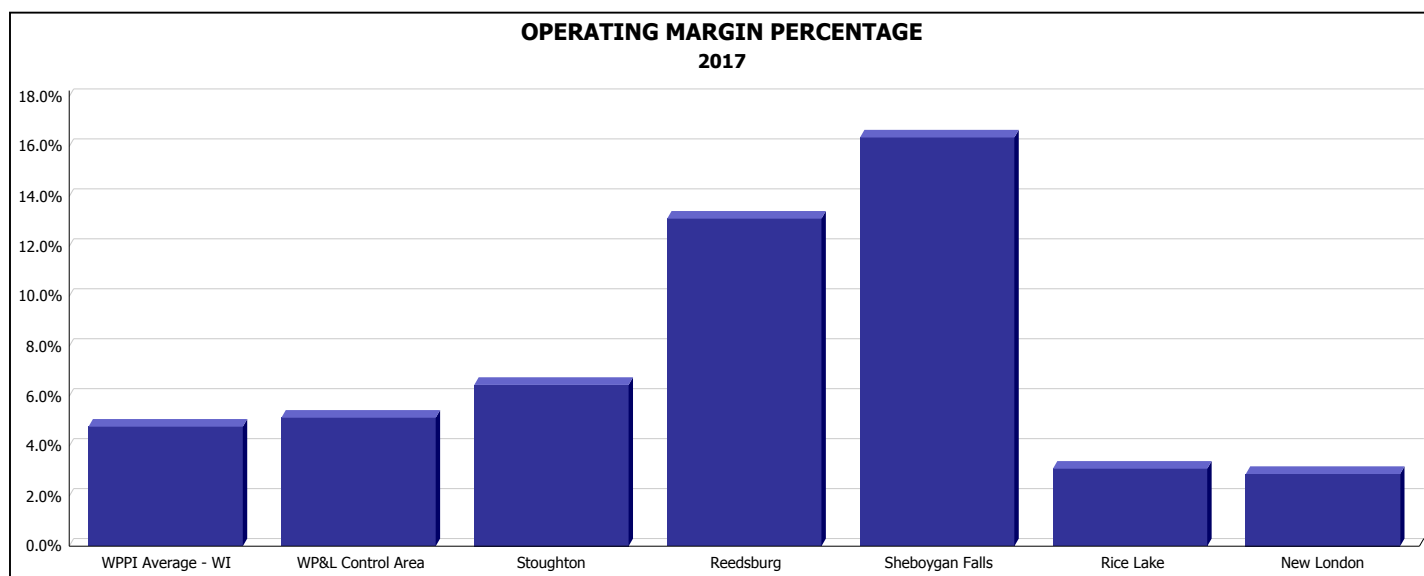
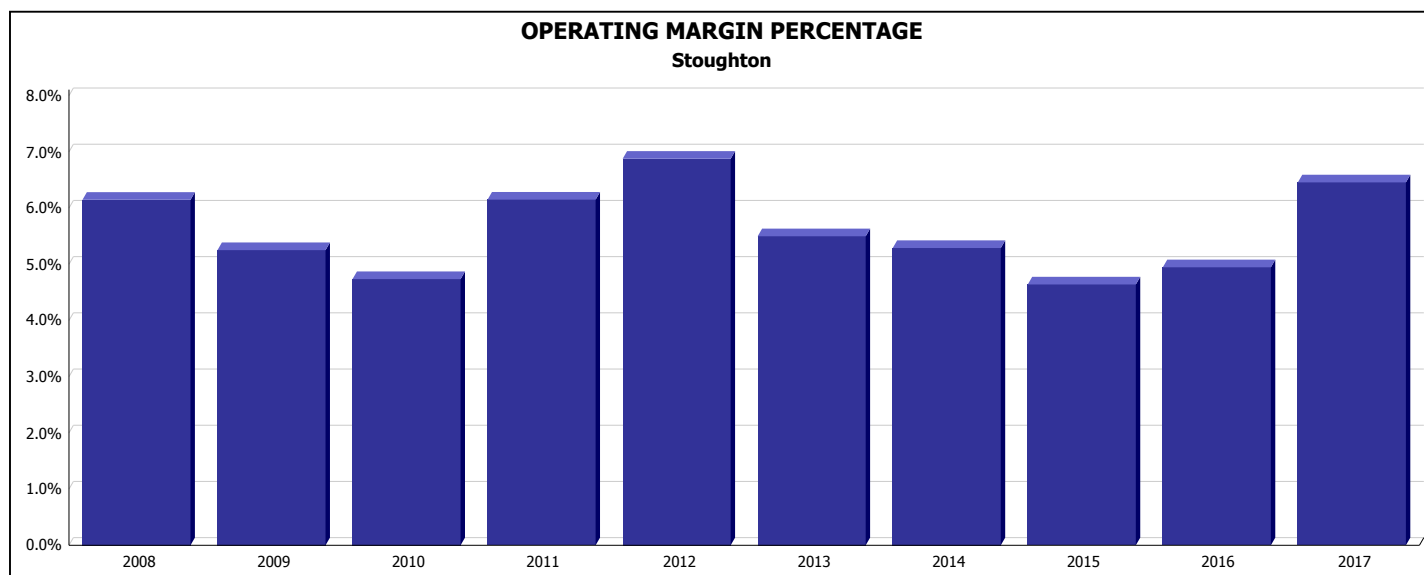
\* The control area average is calculated based on WPPI members in that area.

## Stoughton Utilities

### OPERATING MARGIN PERCENTAGE:

The ratio of operating income divided by rate base. The margin component should provide for debt interest coverage and help provide for annual renewals and replacements.

Year	WPPI Average - WI	WP&L Control Area	Stoughton	Reedsburg	Sheboygan Falls	Rice Lake	New London
2008	4.7%	5.5%	<b>6.1%</b>	8.5%	-0.3%	7.5%	3.1%
2009	5.1%	5.6%	<b>5.3%</b>	7.8%	15.8%	6.1%	2.8%
2010	4.6%	4.5%	<b>4.7%</b>	3.3%	11.6%	2.6%	2.0%
2011	5.1%	4.7%	<b>6.2%</b>	3.9%	11.8%	3.5%	3.6%
2012	4.9%	4.7%	<b>6.9%</b>	4.2%	10.9%	1.5%	2.7%
2013	5.3%	4.8%	<b>5.5%</b>	3.9%	13.4%	4.0%	2.5%
2014	4.9%	4.4%	<b>5.3%</b>	5.3%	8.0%	3.5%	-2.1%
2015	5.0%	5.1%	<b>4.6%</b>	7.3%	5.8%	0.9%	1.5%
2016	4.8%	5.2%	<b>4.9%</b>	13.8%	14.1%	1.0%	2.5%
2017	4.8%	5.1%	<b>6.5%</b>	13.1%	16.4%	3.1%	2.9%



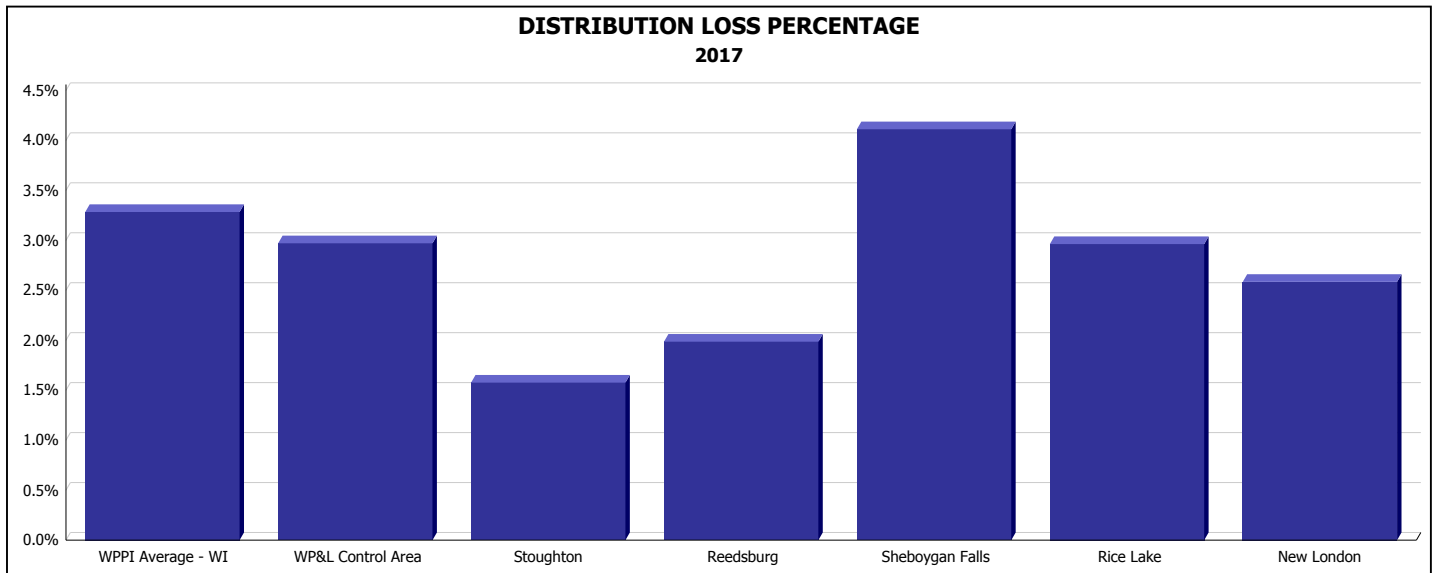
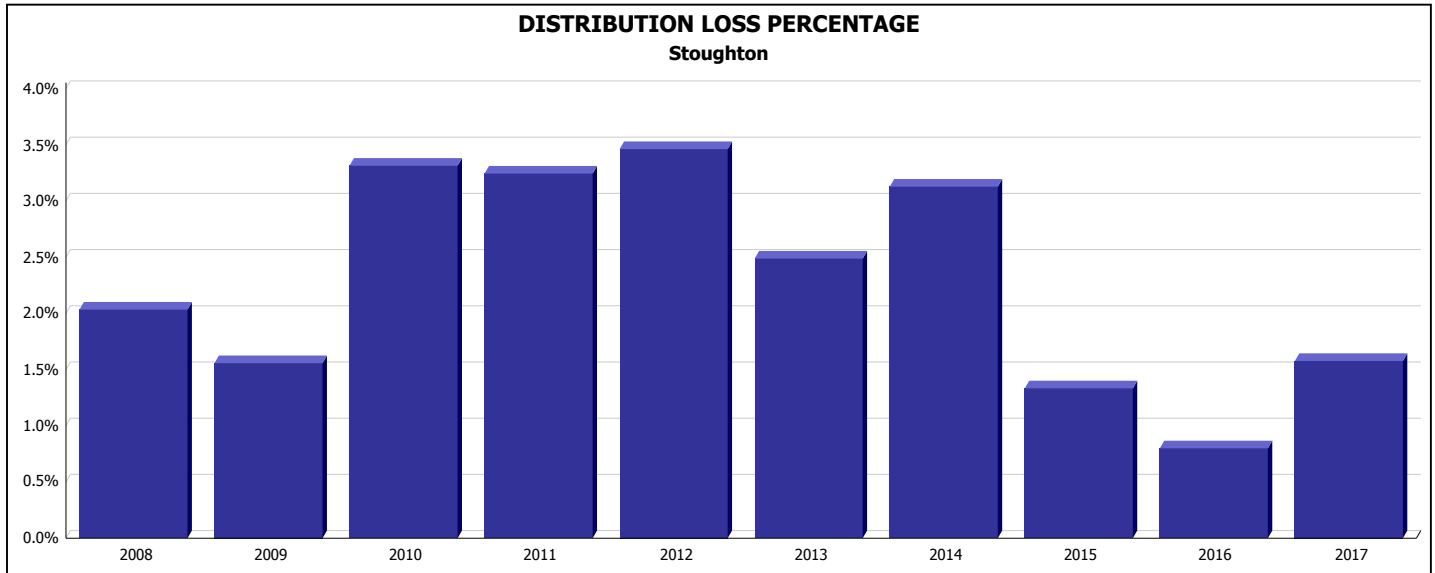
\* The control area average is calculated based on WPPI members in that area.

# Stoughton Utilities

## DISTRIBUTION LOSS PERCENTAGE:

The ratio of total distribution energy losses to total sources of energy. This ratio measures how much energy is lost in the utility's electrical system, and is an indicator of the efficiency of the electrical system. It represents the percentage of electrical energy that is bought or generated by the utility, but is not available to be sold to customers (or for the utility's own use).

Year	WPPI Average - WI	WP&L Control Area	Stoughton	Reedsburg	Sheboygan Falls	Rice Lake	New London
2008	3.1%	3.3%	<b>2.0%</b>	2.7%	2.7%	3.4%	3.7%
2009	2.6%	2.9%	<b>1.6%</b>	2.6%	3.5%	3.3%	2.8%
2010	2.6%	3.2%	<b>3.3%</b>	2.6%	4.6%	3.1%	2.8%
2011	2.8%	2.9%	<b>3.2%</b>	2.0%	2.7%	2.4%	2.9%
2012	3.1%	3.2%	<b>3.5%</b>	1.9%	5.7%	2.5%	3.1%
2013	3.0%	3.0%	<b>2.5%</b>	2.0%	11.3%	3.6%	2.1%
2014	2.8%	3.0%	<b>3.1%</b>	2.0%	1.6%	2.6%	3.2%
2015	2.6%	2.7%	<b>1.3%</b>	1.9%	3.0%	2.5%	2.7%
2016	3.1%	3.4%	<b>0.8%</b>	2.1%	3.2%	3.2%	3.1%
2017	3.3%	3.0%	<b>1.6%</b>	2.0%	4.1%	3.0%	2.6%



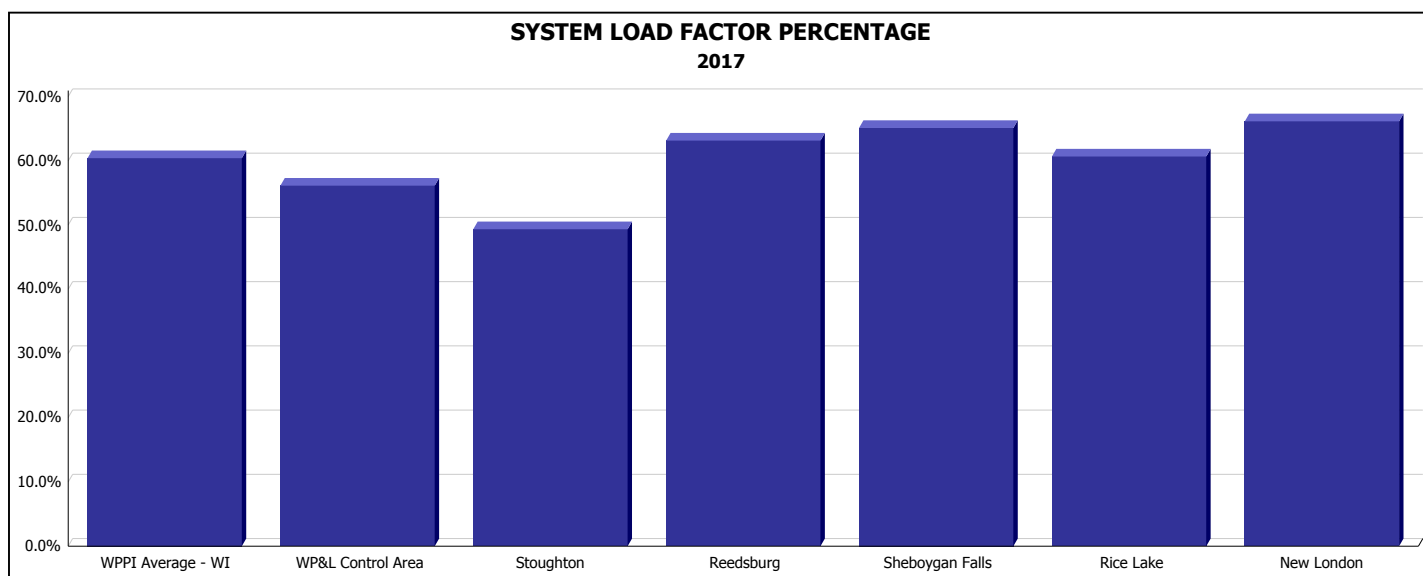
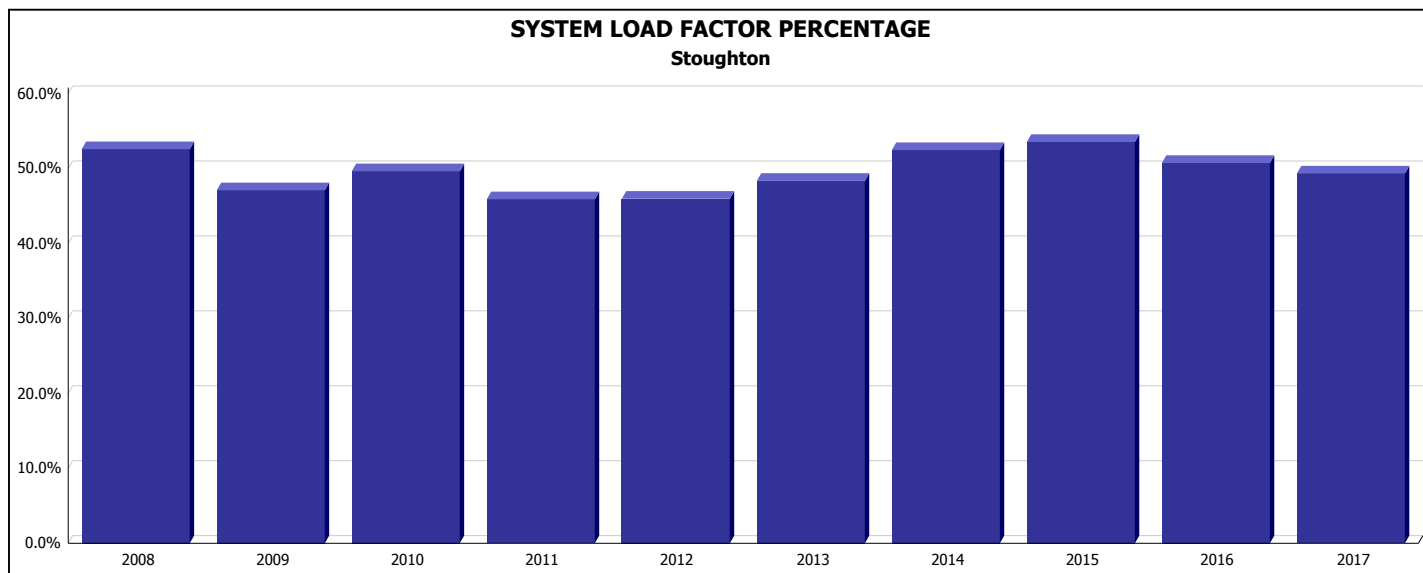
\* The control area average is calculated based on WPPI members in that area.

## Stoughton Utilities

### SYSTEM LOAD FACTOR PERCENTAGE:

The ratio of the system average load (total sales plus losses (MWh) divided by 8,760 (hours)) to system peak demand (typically a summer or winter peak measured during a particular hour at all delivery points and generator busses on a totalized basis).

Year	WPPI Average - WI	WP&L Control Area	Stoughton	Reedsburg	Sheboygan Falls	Rice Lake	New London
2008	63.6%	57.7%	<b>52.6%</b>	63.2%	63.8%	59.9%	69.3%
2009	59.3%	54.0%	<b>47.1%</b>	61.5%	60.6%	56.0%	65.5%
2010	59.7%	55.0%	<b>49.6%</b>	63.1%	64.0%	56.4%	65.4%
2011	57.9%	52.3%	<b>45.9%</b>	59.8%	59.7%	52.2%	60.1%
2012	56.6%	51.6%	<b>46.0%</b>	62.9%	60.8%	54.8%	60.6%
2013	59.6%	57.8%	<b>48.4%</b>	62.8%	64.9%	55.6%	63.0%
2014	62.8%	56.9%	<b>52.5%</b>	65.6%	67.0%	58.8%	65.3%
2015	61.9%	57.1%	<b>53.6%</b>	63.9%	67.2%	60.8%	65.6%
2016	59.0%	54.7%	<b>50.8%</b>	61.0%	65.5%	56.9%	64.1%
2017	60.4%	56.1%	<b>49.3%</b>	63.1%	65.1%	60.7%	66.2%



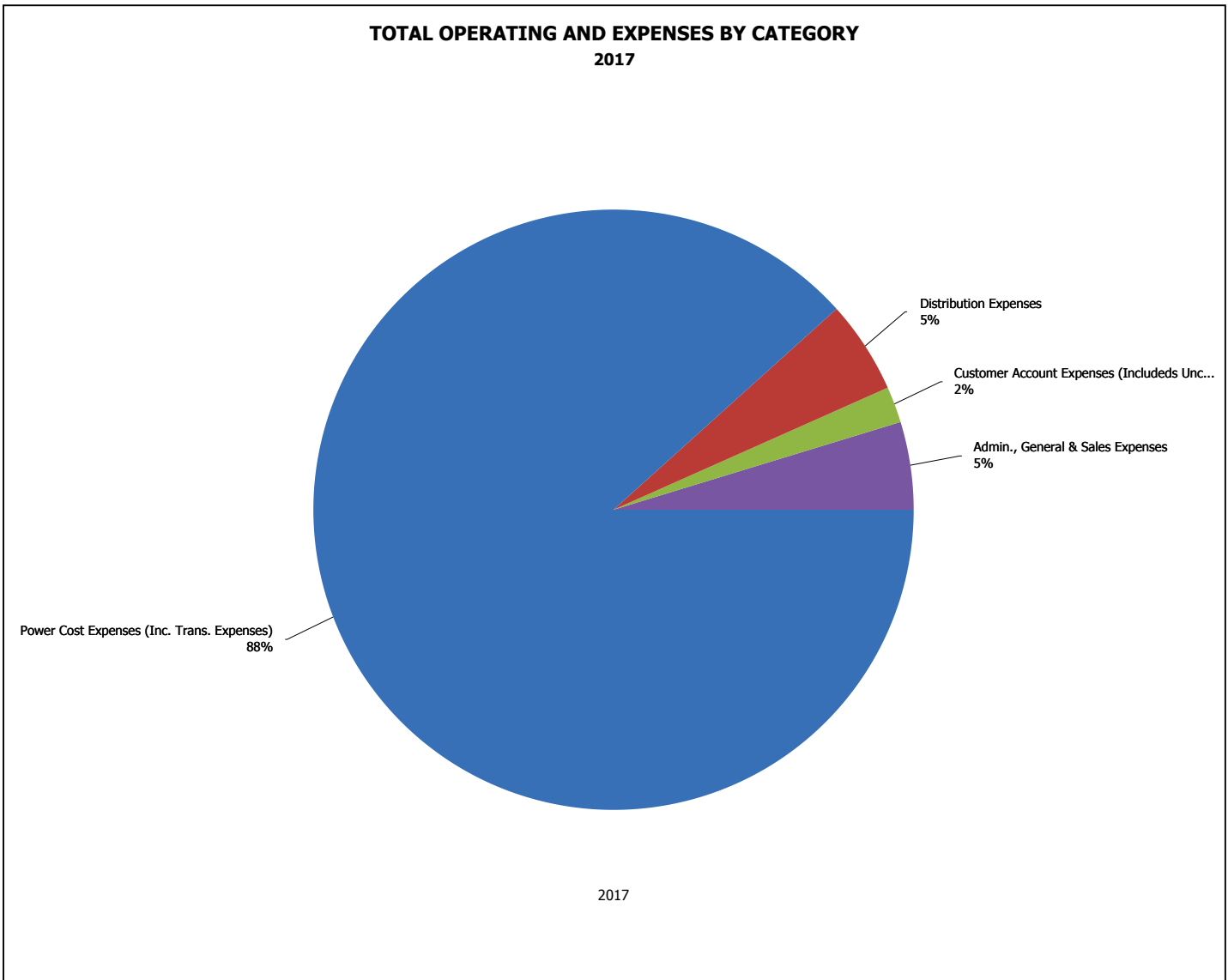
\* The control area average is calculated based on WPPI members in that area.

# Stoughton Utilities

## TOTAL OPERATING EXPENSES BY CATEGORY:

The ratio of the total costs for each category to the total operation and maintenance expense. This ratio measures what portion of the total operation and maintenance expense is attributable to each category listed below.

Year	Power Cost Expenses (Inc. Trans. Expenses)	Distribution Expenses	Customer Account Expenses (Includes Uncollect.)	Admin., General & Sales Expenses
2008	87.7%	4.7%	1.4%	6.2%
2009	87.0%	4.3%	1.7%	7.1%
2010	88.9%	4.2%	1.7%	5.3%
2011	89.2%	3.3%	1.8%	5.7%
2012	90.3%	3.6%	1.7%	4.5%
2013	89.3%	4.0%	1.7%	5.0%
2014	89.1%	4.4%	1.8%	4.6%
2015	89.0%	4.1%	1.9%	5.0%
2016	88.4%	4.2%	2.1%	5.2%
2017	88.4%	4.9%	2.0%	4.7%

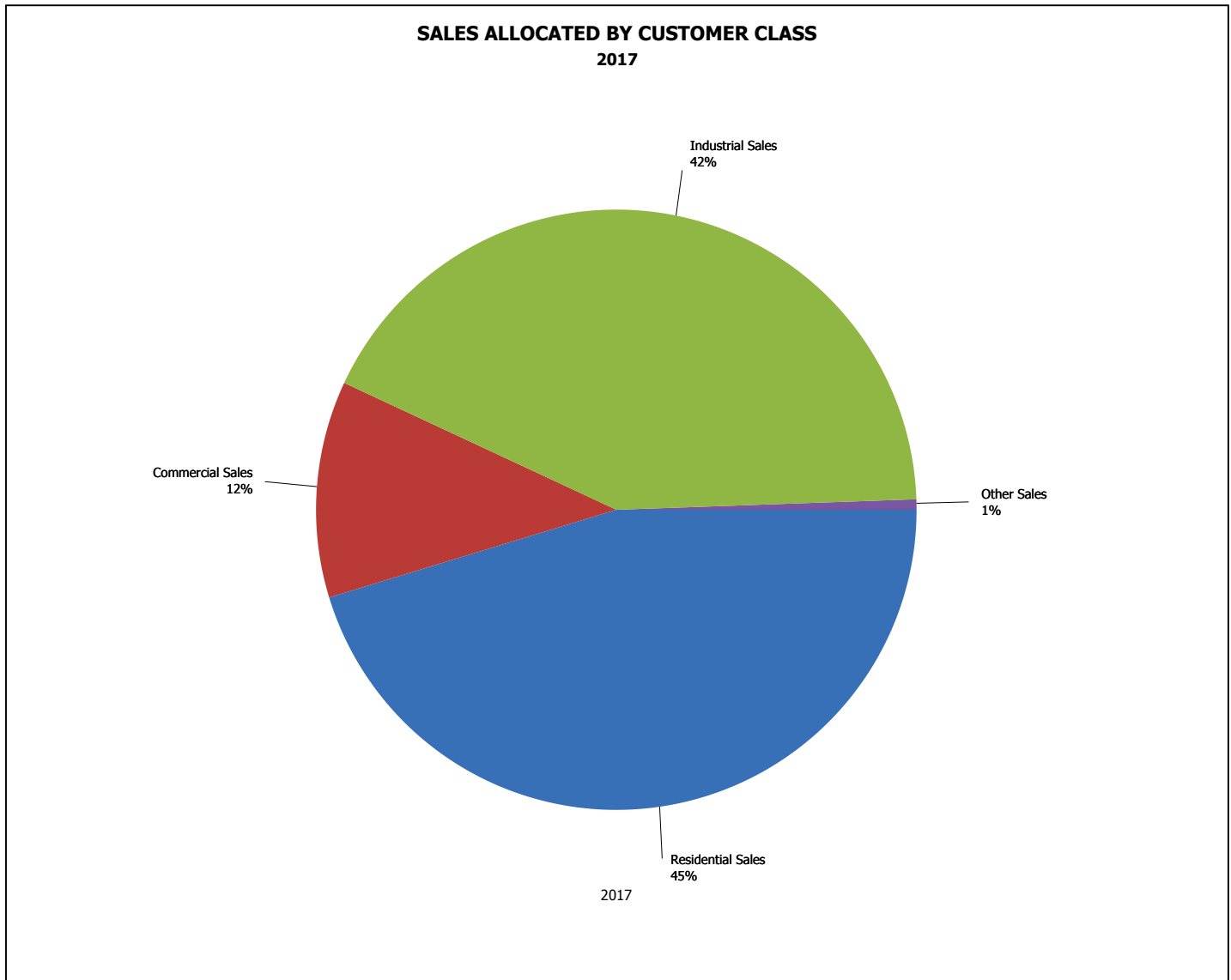


# Stoughton Utilities

## SALES ALLOCATED BY CUSTOMER CLASS:

The ratio of the total costs for each category to the total operation and maintenance expense. This ratio measures what portion of the total operation and maintenance expense is attributable to each category listed below.

Year	Residential Sales	Commercial Sales*	Industrial Sales	Other Sales*
2008	47.4%	12.7%	39.1%	0.8%
2009	49.1%	13.3%	36.7%	0.9%
2010	48.1%	12.9%	38.2%	0.8%
2011	47.0%	12.5%	39.7%	0.8%
2012	46.7%	12.5%	40.0%	0.8%
2013	46.4%	13.1%	39.8%	0.8%
2014	45.4%	12.2%	41.6%	0.8%
2015	45.2%	12.2%	40.5%	2.0%
2016	46.2%	12.1%	39.8%	1.8%
2017	45.4%	11.7%	42.3%	0.7%



\* Commercial sales include interdepartmental sales. Other sales include street and highway lightning and sales to public authorities.



JULY/AUGUST 2018 • VOL. 76 / NO. 4

# PUBLIC POWER MAGAZINE

AMERICAN PUBLIC POWER ASSOCIATION

## THE DATA ISSUE



thanks!

Thank you for awarding me  
the Stoughton Utilities scholarship.

Enclosed is my tuition, housing and  
class schedule. You can mail payment  
to Sam McHone, 118 N. Prairie St.,  
Stoughton. Sincerely, Sam McHone

# Things You Should **KNOW**

Michael W. Peters, President & CEO

## Monthly Wrap-Up for August 2018

Issued September 6, 2018

*Things You Should Know* is my monthly wrap-up for members of all things related to WPPI Energy. As always, I welcome your feedback. Hearing directly from you is critical to our ability to serve our members. If you have any questions, comments or concerns, please contact me at 608-834-4557 or [mpeters@wppienergy.org](mailto:mpeters@wppienergy.org).

**Embracing the Future: Transportation Electrification.** Yesterday, our Board Chair Jeff Feldt, a handful of WPPI staff and I attended a “Go Electric!” Power Lunch hosted by the Customers First Coalition. The event focused on the benefits of replacing fossil fuel-based transportation with electric vehicles.



An excellent slate of panel speakers, including WPPI's own Vice President of Energy Services Jake Oelke (pictured at left), discussed how transportation electrification can benefit customers, utilities, and the environment. Several key policymakers participated, including all three Wisconsin Public Service Commissioners, Wisconsin State Rep. Mike Kuglitsch, who chairs the Assembly Energy and Utilities Committee, and others.



Also on hand was WPPI Senior Energy Services Representative Mike Hodges (pictured at left) with the Chevy Bolt EV that is part of our fleet. The Bolt was featured as part of a Ride & Drive event that followed the program.

WPPI is a founding member of Customers First, a broad-based alliance dedicated to preserving Wisconsin's historically safe, affordable, reliable and environmentally responsible electricity. Customers First remains an extremely valuable and productive coalition for our membership. WPPI General Counsel Tom Hanrahan serves on the Customers First board of directors.

Over the past year, the coalition has been engaging industry stakeholders and customers in a dialogue about grid modernization, a topic that necessarily includes preparing for how the efficient electrification of transportation and other technologies will affect the future of our industry. I am pleased to see the organization play an increasingly prominent role in this and other emerging state energy policy issues.

Below is a timeline we provided for attendees at yesterday's "Go Electric!" event to summarize the WPPI membership's longstanding leadership in this area.



**Calling All Chief Executives: Breakfast on October 25.** Mayors, village presidents and other chief executives across the WPPI membership serve as “grass tops” advocates who promote the benefits of public power. We value opportunities to connect and discuss with these leaders ways that our joint action approach helps support their communities’ local needs and goals.

Each fall, we invite chief elected officials from WPPI member communities to a breakfast gathering that we schedule to coincide with the League of Wisconsin Municipalities annual conference. This year, the League’s conference will be held October 24-26 at the Kalahari Resort in Wisconsin Dells. Our breakfast gathering, which takes place at the resort on Thursday, October 25, will provide an opportunity to:

- Network with other elected officials
- Hear about important industry issues
- Learn about opportunities to advocate for public power

We will email invitations to WPPI member community chief executives in the next few weeks. Please encourage your local chief elected official to attend. For more information, contact Kayla Pierce at 608-834-4537 or [kpierce@wppienergy.org](mailto:kpierce@wppienergy.org).

**See you at the Annual Meeting.** Our annual meeting will take place on Thursday, September 13 at the Madison Marriott West in Middleton, Wis. As in years past, the WPPI Energy Board of Directors will meet on Friday morning. We are also pleased to bring back on Wednesday our Annual Public Power Open golf event. Attendance numbers look strong, and I look forward to seeing everyone there.



If you planned to attend but were unable to RSVP by the August 31 deadline, please contact Kayla Pierce as soon as possible at 608-834-4537 or [kpierce@wppienergy.org](mailto:kpierce@wppienergy.org).

**New Faces at Your Utility? Please Send Them Our Way on October 30.** Twice each year, WPPI hosts a half-day orientation program designed to help members educate employees and utility stakeholders about our joint action agency. The Fall WPPI Orientation is on October 30, and any utility employee, official and/or governing body leader is encouraged to attend this informational session.

I should add that, while we are always pleased to welcome members at WPPI, we are also more than happy to “take our show on the road” and deliver a presentation in your community. Our Orientation On-the-Go is an excellent option for member utility staff and officials who may not

have the opportunity to travel to our office in Sun Prairie. For more information, contact Kayla Pierce at [kpierce@wppienergy.org](mailto:kpierce@wppienergy.org) or 608-834-4537.

I am always open to suggestions and feedback from WPPI Energy members. If you have any questions, comments or concerns about WPPI Energy or the updates I have provided here, please don't hesitate to contact me at 608-834-4557 or [mpeters@wppienergy.org](mailto:mpeters@wppienergy.org).



**Stoughton Utilities**

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

*Serving Electric, Water & Wastewater Since 1886*

**Date:** September 11, 2018

**To:** Stoughton Utilities Committee

**From:** Robert P. Kardasz, 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 August 28, 2018 meeting:

Consent Agenda:

1. Stoughton Utilities Payments Due List Report
2. Stoughton Utilities Committee July 16, 2018 Meeting Minutes
3. Stoughton Utilities June 2018 Financial Summary
4. Stoughton Utilities June 2018 Statistical Report

Business:

1. None





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

*Serving Electric, Water & Wastewater Since 1886*

**Date:** September 11, 2018

**To:** Stoughton Utilities Committee

**From:** Robert P. Kardasz, P.E.  
Stoughton Utilities Director

**Subject:** Update on the Utilities Director position transition

An update on the Utilities Director position transition including will be provided to the Utilities Committee at the meeting.



**Stoughton Utilities**

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

*Serving Electric, Water & Wastewater Since 1886*

**Date:** September 11, 2018

**To:** Stoughton Utilities Committee

**From:** Jamin Friedl, CPA  
City of Stoughton Director of Finance / Comptroller

Robert P. Kardasz, P.E.  
Stoughton Utilities Director

**Subject:** Stoughton Utilities Proposed 2019 Budget And Five Year (2019 – 2023) Capital Improvement Projects (CIP) Plan.

We have completed efforts utilizing system plans, projections and engineering studies, and 2018 financial forecasts to develop our Proposed 2019 Budget and Five-Year CIP Plan. The following items are meant to illustrate changes in the financial summary from prior periods:

- At this point in time, we incorporated a 3% market adjustment to the existing pay structure.
- The following inflationary amounts were used where appropriate:
  - Electric O&M – 1.50%
  - Electric PILOT – 1.00%
  - Water O&M – 2.50%
  - Water PILOT – 1.00%
  - Wastewater O&M – 1.50%
- The proposed 2019 budget reflects a proposed 2% increase in electric rates
  - The adjustment will result in an increase of \$2.26 to the average electric residential customer's monthly bill using 1,000 kWh per month.
- The Water Utility is anticipating a borrowing of \$815,000 in 2019.

Our Stoughton Utilities Proposed 2019 Budget and Five-Year CIP is provided for approval and recommendation to the City of Stoughton Common Council. It will be presented at an October 2018 Common Council workshop and is scheduled for Common Council adoption in November 2018, with dates to be determined.



# STOUGHTON UTILITIES

Proposed Annual Budget for the Year  
2019

**FOR THE FISCAL YEAR  
JANUARY 1, 2019 THROUGH  
DECEMBER 31, 2019  
Jamin Friedl, CPA**



**Stoughton Utilities  
2019 Proposed Budget Summary**

accounting shared/budget/

	<u>Electric</u>	<u>Water</u>	<u>Wastewater</u>	<u>Total</u>
<b>OPERATING REVENUES</b>	\$ 15,876,742	\$ 2,322,085	\$ 2,071,460	\$ 20,270,287
<b>OPERATING EXPENSES</b>				
Operation & Maintenance Expense	\$ 13,681,262	\$ 1,032,196	\$ 1,064,643	\$ 15,778,101
Taxes (PILOT)	\$ 484,921	\$ 459,393	\$ -	\$ 944,314
Depreciation	\$ 1,081,827	\$ 339,236	\$ 864,225	\$ 2,285,288
Total Operating Expenses	\$ 15,248,010	\$ 1,830,825	\$ 1,928,868	\$ 19,007,703
Operating Income	\$ 628,732	\$ 491,260	\$ 142,592	\$ 1,262,584

**STOUGHTON ELECTRIC UTILITY**  
**OPERATING REVENUES AND EXPENSES**  
**FORECASTED FOR THE YEAR 2019**

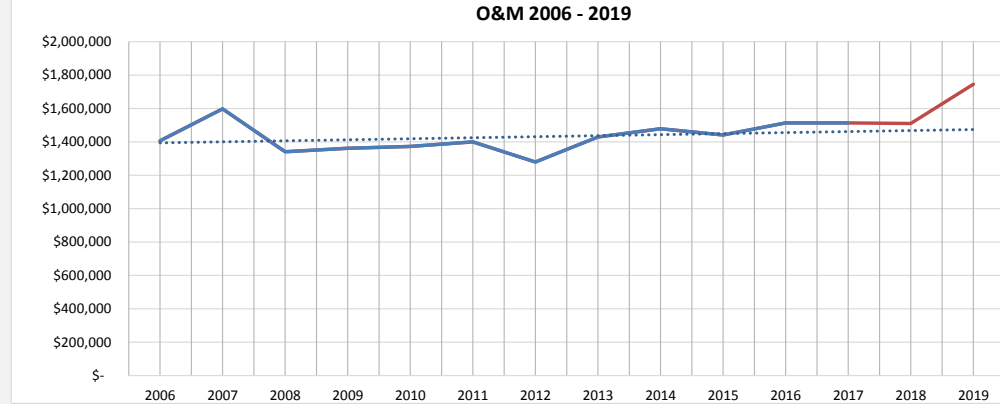
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<b>OPERATING REVENUES</b>	Proposed	% Change	Estimated	Actual	Actual	Actual
<b>Sales</b>	2019	2019/2018	2018	2017	2016	2015
Residential	\$ 7,882,414	3.1%	\$ 7,643,110	\$ 7,579,897	\$ 7,708,714	\$ 7,467,797
General Service	\$ 1,963,866	3.1%	\$ 1,904,751	\$ 1,881,879	\$ 1,975,648	\$ 2,049,345
Small Power CP1 Customers	\$ 1,711,436	3.2%	\$ 1,657,795	\$ 1,628,053	\$ 1,509,874	\$ 1,548,289
Large Power CP2 Customers	\$ 1,158,751	3.7%	\$ 1,117,362	\$ 1,122,227	\$ 914,513	\$ 885,980
Industrial Power CP3 Customers	\$ 2,864,914	3.8%	\$ 2,760,313	\$ 2,770,652	\$ 2,742,903	\$ 2,814,381
Street Lighting	\$ 134,361	3.2%	\$ 130,135	\$ 123,881	\$ 129,286	\$ 140,565
Total Sales	\$ 15,715,742	3.3%	\$ 15,213,466	\$ 15,106,589	\$ 14,980,938	\$ 14,906,357
<b>Other Operating Revenues</b>						
Forfeited Discounts (Penalties, NSF, Reconnect)	\$ 34,252	3.3%	\$ 33,157	\$ 32,924	\$ 35,433	\$ 38,202
Other (Permits, ATC Common Facilities, etc.)	\$ 126,748	-0.9%	\$ 127,843	\$ 110,110	\$ 99,834	\$ 112,469
Total Other Operating Revenues	\$ 161,000		\$ 161,000	\$ 143,034	\$ 135,267	\$ 150,671
Total Operating Revenues	\$ 15,876,742		\$ 15,374,466	\$ 15,249,623	\$ 15,116,205	\$ 15,057,028
<b>OPERATING EXPENSES</b>						
Power Production Expenses (WPPI-Wholesale Power)	\$ 11,756,924	1.9%	\$ 11,535,401	\$ 11,501,767	\$ 11,588,139	\$ 11,656,672
Transmission/Distribution (Substations, Poles, Lines, etc.)	\$ 742,736	35.8%	\$ 546,800	\$ 637,495	\$ 551,179	\$ 534,071
Customer Accounting and Collection	\$ 277,032	2.0%	\$ 271,600	\$ 259,425	\$ 284,394	\$ 254,671
Administrative and General (Salaries, Benefits, Insurance)	\$ 904,570	4.3%	\$ 867,687	\$ 789,731	\$ 848,573	\$ 823,969
Depreciation	\$ 1,081,827	10.6%	\$ 978,339	\$ 881,531	\$ 869,843	\$ 848,328
PILOT	\$ 484,921	7.2%	\$ 452,367	\$ 394,626	\$ 376,785	\$ 370,260
Total Operating Expenses	\$ 15,248,010		\$ 14,652,194	\$ 14,464,575	\$ 14,518,913	\$ 14,487,971
REGULATORY OPERATING INCOME (LOSS)	\$ 628,732		\$ 722,272	\$ 785,048	\$ 597,292	\$ 569,057
<b>ROR</b>	3.94%		4.87%	6.46%	4.95%	4.64%

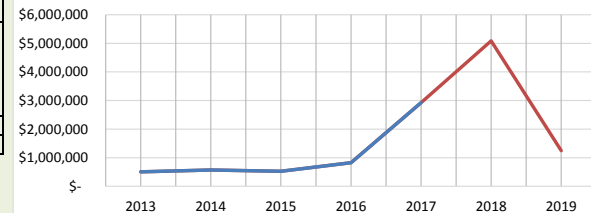
**STOUGHTON ELECTRIC UTILITY  
2019 BUDGET**

	O&M	\$ Change from Prior Year	% Change from Prior Year
<b>ACTUAL</b>	2006	\$ 1,406,130	
	2007	\$ 1,597,738	\$ 191,608 13.63%
	2008	\$ 1,340,925	\$ (256,813) -16.07%
	2009	\$ 1,361,451	\$ 20,526 1.53%
	2010	\$ 1,372,746	\$ 11,295 0.83%
	2011	\$ 1,399,875	\$ 27,129 1.98%
	2012	\$ 1,279,340	\$ (120,535) -8.61%
	2013	\$ 1,429,003	\$ 149,663 11.70%
	2014	\$ 1,478,092	\$ 49,089 3.44%
	2015	\$ 1,441,526	\$ (36,566) -2.47%
2016	\$ 1,513,462	\$ 71,936 4.99%	
2017	\$ 1,513,434	\$ (28) 0.00%	
<b>ESTIMATE</b>	2018	\$ 1,509,870	\$ (3,564) -0.24%
<b>BUDGET</b>	2019	\$ 1,745,067	\$ 235,197 15.58%
Annual inflation over last five years			3.66%
Annual inflation over last ten years			-0.53%

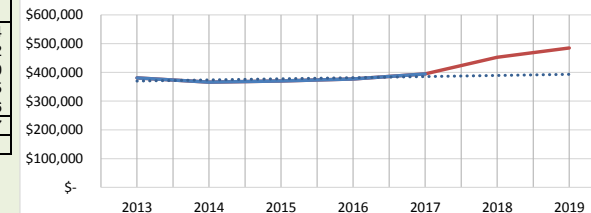
\$80k substation repairs; \$100k for tree trimming; \$20k system study



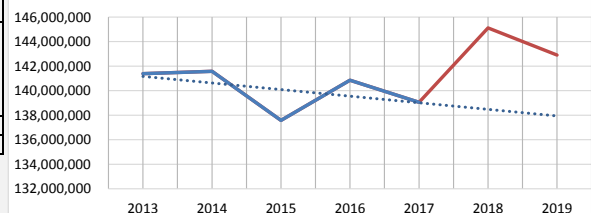
	Capital Expenditures	\$
<b>ACTUAL</b>	2013	\$ 505,581
	2014	\$ 567,326
	2015	\$ 528,094
	2016	\$ 822,127
	2017	\$ 2,924,828
<b>ESTIMATE</b>	2018	\$ 5,086,325
<b>BUDGET</b>	2019	\$ 1,247,090



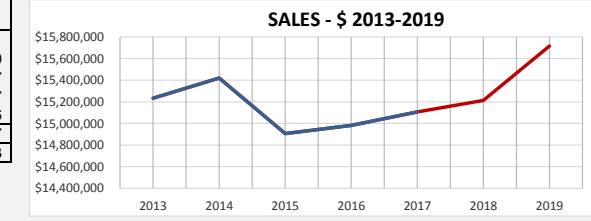
	PILOT	\$
<b>ACTUAL</b>	2013	\$ 380,584
	2014	\$ 366,032
	2015	\$ 370,260
	2016	\$ 376,785
	2017	\$ 394,626
<b>ESTIMATE</b>	2018	\$ 452,367
<b>BUDGET</b>	2019	\$ 484,921



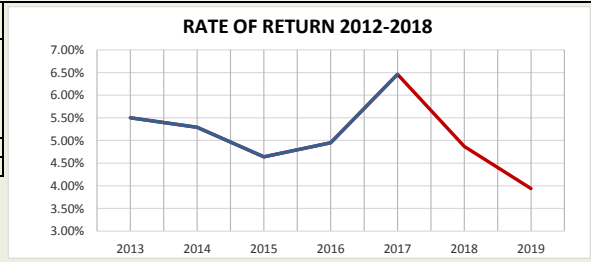
	Sales in kWh	kWh
<b>ACTUAL</b>	2013	141,381,751
	2014	141,574,951
	2015	137,577,981
	2016	140,856,210
	2017	139,053,623
<b>ESTIMATE</b>	2018	145,115,906
<b>BUDGET</b>	2019	142,900,437



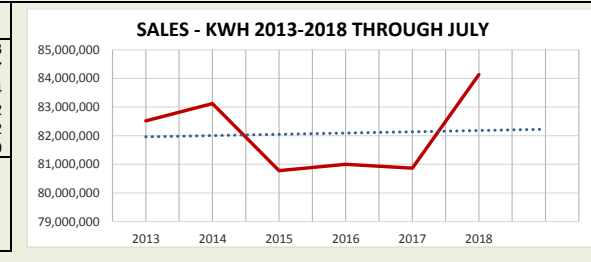
	Sales in \$	\$
<b>ACTUAL</b>	2013	\$ 15,233,311
	2014	\$ 15,419,500
	2015	\$ 14,906,357
	2016	\$ 14,980,937
	2017	\$ 15,106,586
<b>ESTIMATE</b>	2018	\$ 15,213,467
<b>BUDGET</b>	2019	\$ 15,715,743



	ROR	%
<b>ACTUAL</b>	2013	5.50%
	2014	5.29%
	2015	4.64%
	2016	4.95%
	2017	6.46%
<b>ESTIMATE</b>	2018	4.87%
<b>BUDGET</b>	2019	3.94%



	Sales in kWh	kWh
<b>ACTUAL</b>	2013	82,515,318
	2014	83,121,217
	2015	80,777,604
	2016	81,000,002
	2017	80,866,312
<b>ESTIMATE</b>	2018	84,133,100
- Through July		



— Actual / Forecasted      ..... Forecasted trend based on historical data

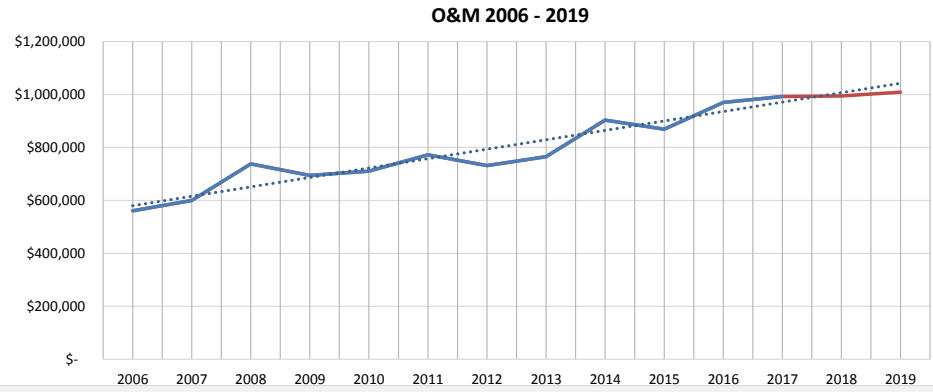
**STOUGHTON WATER UTILITY  
OPERATING REVENUES AND EXPENSES  
FORECASTED FOR THE YEAR 2019**

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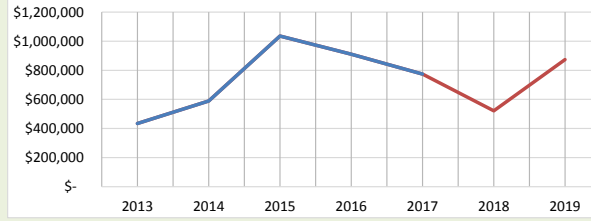
<b>OPERATING REVENUES</b>	Proposed 2019	% Change 2019/2018	Estimated 2018	Actual 2017	Actual 2016	Actual 2015
<b>Sales</b>						
Residential	\$ 1,062,862	11.3%	\$ 955,053	\$ 899,421	\$ 876,828	\$ 805,271
Multi-family Residential	\$ 82,655	7.0%	\$ 77,266	\$ 74,247	\$ 65,660	\$ 56,463
Commercial	\$ 189,956	7.8%	\$ 176,237	\$ 171,337	\$ 156,718	\$ 136,433
Industrial	\$ 336,758	7.3%	\$ 313,729	\$ 304,899	\$ 298,592	\$ 268,342
Public Authority (City Buildings)	\$ 23,003	7.6%	\$ 21,374	\$ 19,310	\$ 18,747	\$ 18,485
Private Fire Protection	\$ 44,928	0.0%	\$ 44,928	\$ 43,901	\$ 38,842	\$ 29,373
Public Fire Protection	\$ 541,423	2.2%	\$ 529,819	\$ 520,495	\$ 498,439	\$ 446,666
<b>Total Sales</b>	<b>\$ 2,281,585</b>		<b>\$ 2,118,406</b>	<b>\$ 2,033,610</b>	<b>\$ 1,953,826</b>	<b>\$ 1,761,033</b>
<b>Other Operating Revenues</b>						
Forfeited Discounts (Penalties, NSF, Reconnect)	\$ 7,203	7.7%	\$ 6,688	\$ 6,420	\$ 6,309	\$ 4,610
Other (Joint Metering Allocation, Permits)	\$ 33,297	1.5%	\$ 32,812	\$ 31,197	\$ 40,989	\$ 18,773
<b>Total Other Operating Revenues</b>	<b>\$ 40,500</b>		<b>\$ 39,500</b>	<b>\$ 37,617</b>	<b>\$ 47,298</b>	<b>\$ 23,383</b>
<b>Total Operating Revenues</b>	<b>\$ 2,322,085</b>		<b>\$ 2,157,906</b>	<b>\$ 2,071,227</b>	<b>\$ 2,001,124</b>	<b>\$ 1,784,416</b>
<b>OPERATING EXPENSES</b>						
Source of Supply (Maintenance of Wells)	\$ 4,510	2.5%	\$ 4,400	\$ 138	\$ 4,675	\$ 8,640
Pumping (Well Pumps and Fuel)	\$ 181,575	2.5%	\$ 177,145	\$ 196,642	\$ 201,633	\$ 167,439
Water Treatment (Chemicals)	\$ 78,271	2.5%	\$ 76,362	\$ 73,359	\$ 68,578	\$ 58,054
Transmission/Distribution (Mains, Towers, Services, Hydrants)	\$ 269,743	0.5%	\$ 268,462	\$ 270,140	\$ 262,642	\$ 246,963
Customer Accounting and Collection	\$ 112,890	2.5%	\$ 110,137	\$ 108,268	\$ 99,998	\$ 89,396
Administrative and General (Salaries, Benefits, Insurance)	\$ 385,207	1.1%	\$ 380,932	\$ 366,310	\$ 354,678	\$ 317,233
Depreciation	\$ 339,236	3.4%	\$ 328,237	\$ 315,908	\$ 302,956	\$ 296,895
PILOT	\$ 459,393	3.8%	\$ 442,461	\$ 420,305	\$ 387,855	\$ 363,249
<b>Total Operating Expenses</b>	<b>\$ 1,830,825</b>		<b>\$ 1,788,136</b>	<b>\$ 1,751,070</b>	<b>\$ 1,683,015</b>	<b>\$ 1,547,869</b>
<b>REGULATORY OPERATING INCOME (LOSS)</b>	<b>\$ 491,260</b>		<b>\$ 369,770</b>	<b>\$ 320,157</b>	<b>\$ 318,109</b>	<b>\$ 236,547</b>
<b>ROR</b>	<b>4.61%</b>		<b>3.60%</b>	<b>3.23%</b>	<b>3.46%</b>	<b>2.80%</b>

**STOUGHTON WATER UTILITY  
2019 BUDGET**

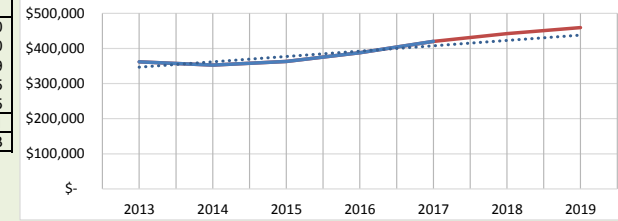
	O&M	\$ Change from Prior Year	% Change from Prior Year
<b>ACTUAL</b>	2006	\$ 560,768	
	2007	\$ 599,681	\$ 38,913 6.94%
	2008	\$ 737,856	\$ 138,175 23.04%
	2009	\$ 694,227	\$ (43,629) -5.91%
	2010	\$ 710,376	\$ 16,149 2.33%
	2011	\$ 772,586	\$ 62,210 8.76%
	2012	\$ 731,538	\$ (41,048) -5.31%
	2013	\$ 765,381	\$ 33,843 4.63%
	2014	\$ 903,595	\$ 138,214 18.06%
	2015	\$ 869,159	\$ (34,436) -3.81%
	2016	\$ 969,933	\$ 100,774 11.59%
2017	\$ 992,653	\$ 22,720 2.34%	
<b>ESTIMATE</b>	2018	\$ 994,690	\$ 2,037 0.21%
<b>BUDGET</b>	2019	\$ 1,009,005	\$ 14,315 1.44%
Annual inflation over last five years			7.14%
Annual inflation over last ten years			6.55%



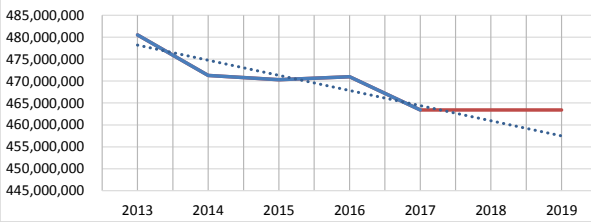
	Capital Expenditures	
<b>ACTUAL</b>	2013	\$ 434,301
	2014	\$ 588,494
	2015	\$ 1,035,382
	2016	\$ 911,032
	2017	\$ 774,325
<b>ESTIMATE</b>	2018	\$ 521,200
<b>BUDGET</b>	2019	\$ 873,700



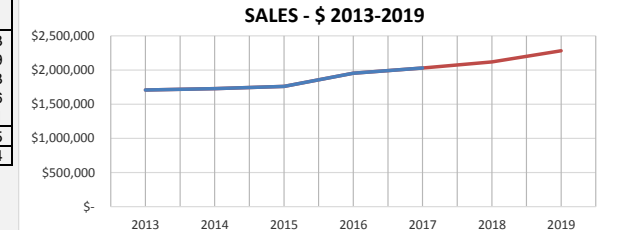
	PILOT	
<b>ACTUAL</b>	2013	\$ 361,820
	2014	\$ 352,700
	2015	\$ 363,249
	2016	\$ 387,855
	2017	\$ 420,305
<b>ESTIMATE</b>	2018	\$ 442,461
<b>BUDGET</b>	2019	\$ 459,393



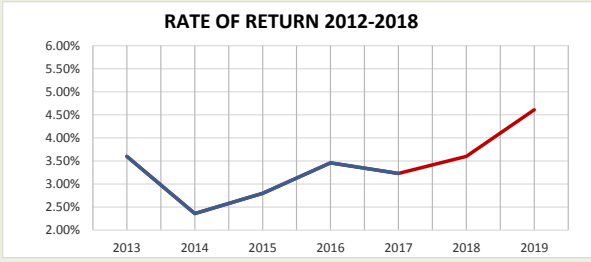
	Sales in Gallons	
<b>ACTUAL</b>	2013	480,521,000
	2014	471,267,000
	2015	470,300,000
	2016	470,982,000
	2017	463,406,000
<b>ESTIMATE</b>	2018	463,406,000
<b>BUDGET</b>	2019	463,406,000



	Sales in \$	
<b>ACTUAL</b>	2013	\$ 1,707,683
	2014	\$ 1,727,999
	2015	\$ 1,761,033
	2016	\$ 1,953,826
	2017	\$ 2,029,711
<b>ESTIMATE</b>	2018	\$ 2,118,405
<b>BUDGET</b>	2019	\$ 2,281,584

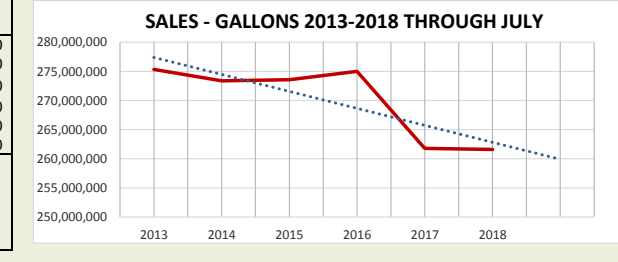


	ROR	
<b>ACTUAL</b>	2013	3.60%
	2014	2.36%
	2015	2.80%
	2016	3.46%
	2017	3.23%
<b>ESTIMATE</b>	2018	3.60%
<b>BUDGET</b>	2019	4.61%



	Sales in Gallons	
<b>ACTUAL</b>	2013	275,330,000
	2014	273,371,000
	2015	273,551,000
	2016	275,001,000
	2017	261,779,000
	2018	261,600,000

- Through July



— - Actual / Forecasted      ..... - Forecasted trend based on historical data



**STOUGHTON WASTEWATER UTILITY  
OPERATING REVENUES AND EXPENSES  
FORECASTED FOR THE YEAR 2019**

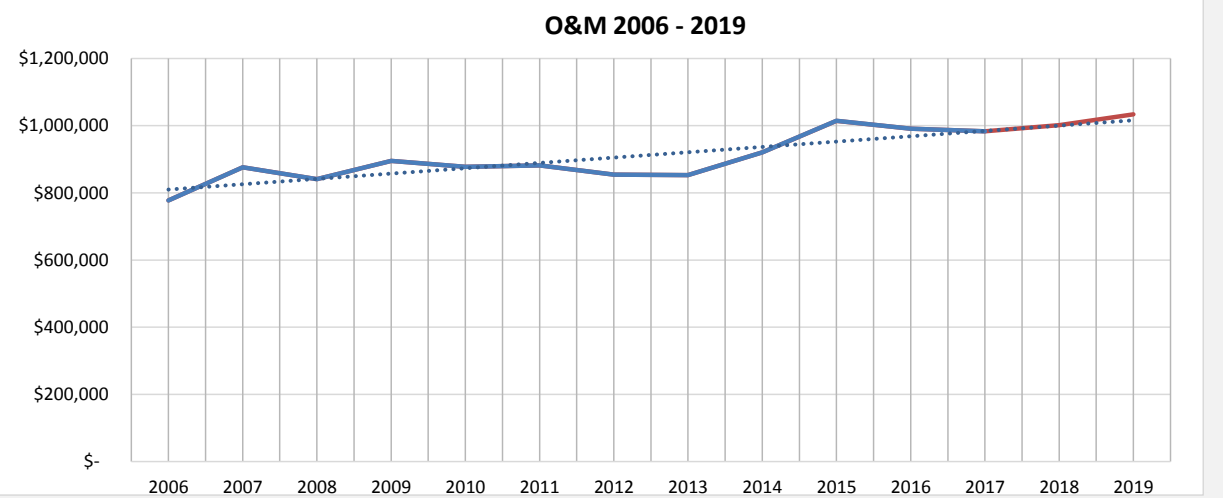
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<b>OPERATING REVENUES</b>	Proposed 2019	% Change 2019/2018	Estimated 2018	Actual 2017	Actual 2016	Actual 2015
Sales						
Residential	\$ 1,399,973	0.06%	\$ 1,399,162	\$ 1,386,580	\$ 1,405,052	\$ 1,399,906
Commercial	\$ 444,966	0.06%	\$ 444,708	\$ 440,709	\$ 434,528	\$ 417,257
Industrial	\$ 122,424	0.06%	\$ 122,353	\$ 121,253	\$ 135,789	\$ 150,898
Public Authority (City Buildings)	\$ 24,097	0.06%	\$ 24,083	\$ 23,866	\$ 23,174	\$ 25,331
Total Sales	\$ 1,991,460		\$ 1,990,306	\$ 1,972,408	\$ 1,998,543	\$ 1,993,392
<b>Other Operating Revenues</b>						
Forfeited Discounts (Penalties, NSF, Reconnect)	\$ 4,542	0.06%	\$ 4,540	\$ 4,499	\$ 4,692	\$ 4,915
Other (BOD/Suspended Solids Surcharge)	\$ 75,458	0.00%	\$ 75,460	\$ 74,406	\$ 32,767	\$ 39,528
Total Operating Revenues	\$ 2,071,460		\$ 2,070,306	\$ 2,051,313	\$ 2,036,002	\$ 2,037,835
<b>OPERATING EXPENSES</b>						
Plant (General WWTP Plant Maintenance)	\$ 425,128	-1.5%	\$ 431,775	\$ 421,365	\$ 421,811	\$ 418,655
Customer Accounting and Collection	\$ 150,092	1.5%	\$ 147,874	\$ 146,128	\$ 145,249	\$ 136,974
Administrative and General (Salaries, Benefits, Insurance)	\$ 489,423	8.2%	\$ 452,485	\$ 445,164	\$ 453,238	\$ 486,532
Depreciation	\$ 864,225	1.2%	\$ 853,721	\$ 811,239	\$ 796,285	\$ 777,150
Total Operating Expenses	\$ 1,928,868		\$ 1,885,855	\$ 1,823,896	\$ 1,816,583	\$ 1,819,311
<b>OPERATING INCOME</b>	\$ 142,592		\$ 184,451	\$ 227,417	\$ 219,419	\$ 218,524
<b>NON-OPERATING REVENUES (EXPENSES)</b>						
Investment Income	\$ 20,000	0.0%	\$ 20,000	\$ 33,367	\$ 2,485	\$ 9,863
Interest Expense	\$ (104,000)	-15.4%	\$ (123,000)	\$ (134,977)	\$ (147,663)	\$ (151,995)
Total Non-Operating Revenues (Expenses)	\$ (84,000)		\$ (103,000)	\$ (101,610)	\$ (145,178)	\$ (142,132)
<b>INCOME BEFORE CONTRIBUTIONS</b>	\$ 58,592		\$ 81,451	\$ 125,807	\$ 74,241	\$ 76,392

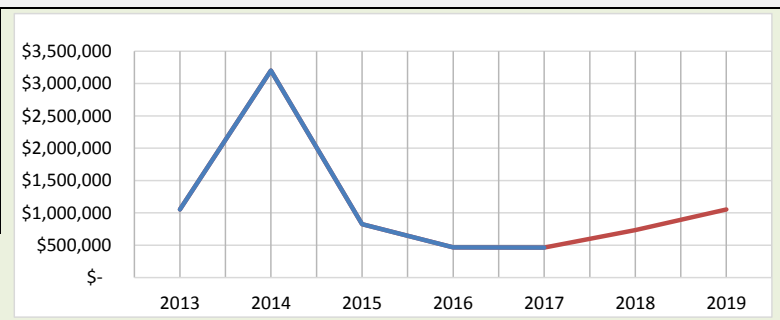
**STOUGHTON WASTEWATER UTILITY  
2019 BUDGET**

		O&M	\$ Change from Prior Year	% Change from Prior Year
<b>ACTUAL</b>	2006	\$ 777,451		
	2007	\$ 876,213	\$ 98,762	12.70%
	2008	\$ 841,128	\$ (35,085)	-4.00%
	2009	\$ 895,052	\$ 53,924	6.41%
	2010	\$ 877,416	\$ (17,636)	-1.97%
	2011	\$ 881,409	\$ 3,993	0.46%
	2012	\$ 853,923	\$ (27,486)	-3.12%
	2013	\$ 852,874	\$ (1,049)	-0.12%
	2014	\$ 920,411	\$ 67,537	7.92%
	2015	\$ 1,014,589	\$ 94,178	10.23%
2016	\$ 991,343	\$ (23,246)	-2.29%	
2017	\$ 982,982	\$ (8,361)	-0.84%	
<b>ESTIMATE</b>	2018	\$ 1,001,865	\$ 18,883	1.92%
<b>BUDGET</b>	2019	\$ 1,033,769	\$ 31,904	3.18%
Annual inflation over last five years				3.02%
Annual inflation over last ten years				1.22%

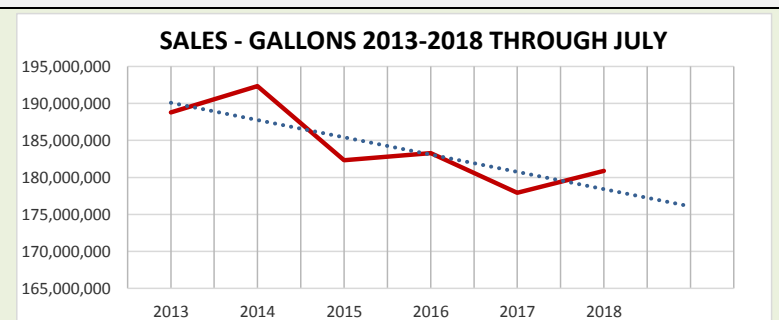
\$14k screw painting  
\$30k system study



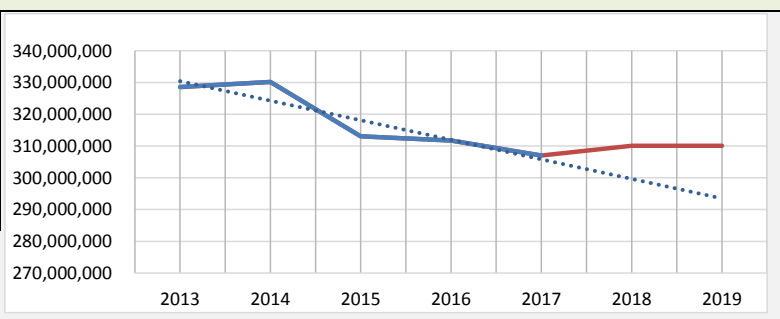
		Capital Expenditures
<b>ACTUAL</b>	2013	\$ 1,053,700
	2014	\$ 3,201,974
	2015	\$ 827,288
	2016	\$ 467,678
	2017	\$ 463,630
<b>ESTIMATE</b>	2018	\$ 735,000
<b>BUDGET</b>	2019	\$ 1,053,500



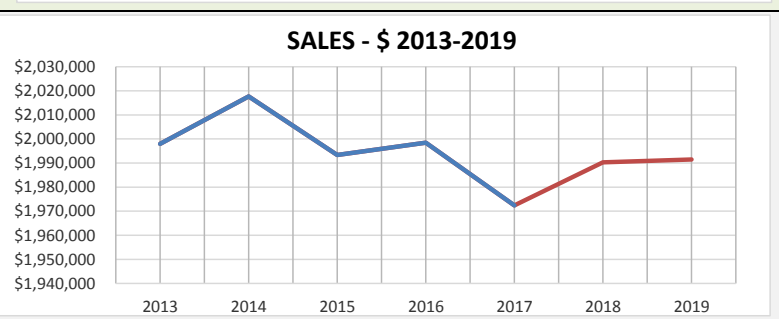
		Sales in Gallons	
<b>ACTUAL</b>	2013	188,777,000	
	2014	192,342,000	
	2015	182,320,000	
	2016	183,280,000	
	2017	177,921,000	
	2018	180,888,000	
	- Through July		
	<b>ESTIMATE</b>	2019	



		Sales in Gallons
<b>ACTUAL</b>	2013	328,564,000
	2014	330,183,000
	2015	313,093,000
	2016	311,726,000
	2017	307,018,000
<b>ESTIMATE</b>	2018	310,088,180
<b>BUDGET</b>	2019	310,088,180



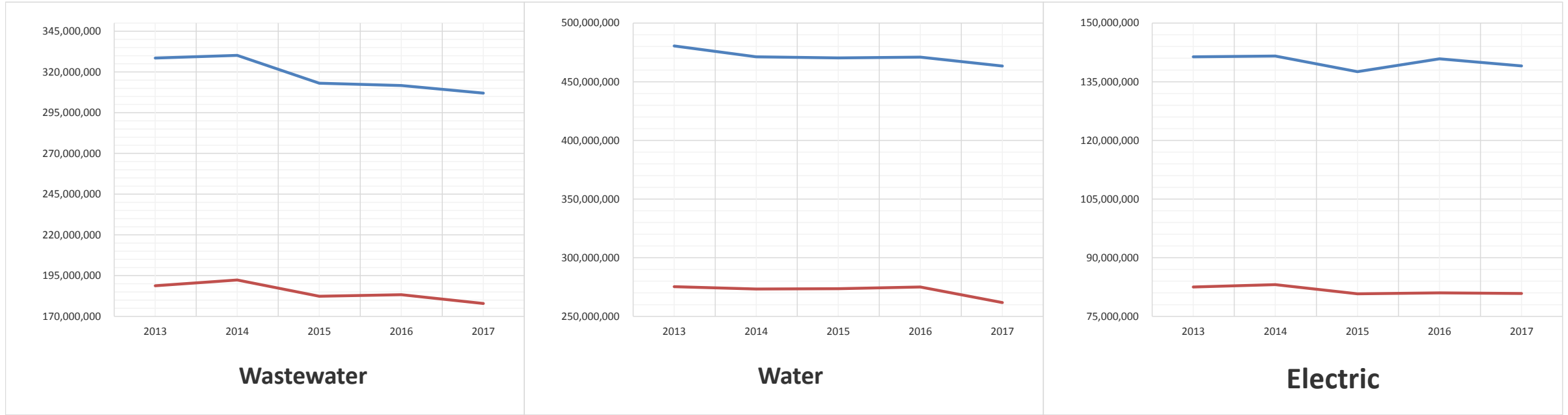
		Sales in \$	
<b>ACTUAL</b>	2013	\$ 1,997,981	
	2014	\$ 2,017,666	
	2015	\$ 1,993,392	
	2016	\$ 1,998,453	
	2017	\$ 1,972,408	
	<b>ESTIMATE</b>	2018	\$ 1,990,306
	<b>BUDGET</b>	2019	\$ 1,991,460



— Actual / Forecasted      ..... Forecasted trend based on historical data

**STOUGHTON UTILITIES  
CONSUMPTION THROUGH AUGUST COMPARED TO ANNUAL CONSUMPTION**

The intent of these graphs is to give the readers an idea of how consumption through August corresponds with the ending annual consumption amounts.



— - Consumption through August 2013 - 2017  
— - Annual Consumption 2013 - 2017



**ELECTRIC**

<b>DEBT COVERAGE</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>
Operating revenues	\$ 15,603,989	\$ 15,057,028	\$ 15,116,204	\$ 15,249,623	\$ 15,374,467	\$ 15,876,743	\$ 16,005,518	\$ 15,940,948	\$ 16,247,788	\$ 16,309,747
Investment income	80,893	101,749	92,308	92,681	144,633	118,040	105,588	106,704	102,133	96,032
O & M expenses	<u>(13,770,271)</u>	<u>(13,261,410)</u>	<u>(13,329,607)</u>	<u>(13,257,421)</u>	<u>(13,221,488)</u>	<u>(13,681,262)</u>	<u>(13,597,778)</u>	<u>(13,623,969)</u>	<u>(13,860,301)</u>	<u>(13,760,139)</u>
Net defined earnings	<u>\$ 1,914,611</u>	<u>\$ 1,897,367</u>	<u>\$ 1,878,905</u>	<u>\$ 2,084,883</u>	<u>\$ 2,297,612</u>	<u>\$ 2,313,522</u>	<u>\$ 2,513,328</u>	<u>\$ 2,423,683</u>	<u>\$ 2,489,620</u>	<u>\$ 2,645,640</u>
Highest annual debt service	\$ 649,338	\$ 649,338	\$ 775,948	\$ 756,513	\$ 756,513	\$ 756,513	\$ 756,513	\$ 753,438	\$ 743,856	\$ 160,475
Coverage factor	<u>1.30</u>	<u>1.30</u>	<u>1.30</u>	<u>1.30</u>	<u>1.30</u>	<u>1.30</u>	<u>1.30</u>	<u>1.30</u>	<u>1.30</u>	<u>1.30</u>
Minimum required earnings	<u>\$ 844,139</u>	<u>\$ 844,139</u>	<u>\$ 1,008,732</u>	<u>\$ 983,467</u>	<u>\$ 983,467</u>	<u>\$ 983,467</u>	<u>\$ 983,467</u>	<u>\$ 979,469</u>	<u>\$ 967,013</u>	<u>\$ 208,618</u>
<b>ACTUAL DEBT COVERAGE</b>	<u><b>2.95</b></u>	<u><b>2.92</b></u>	<u><b>2.42</b></u>	<u><b>2.76</b></u>	<u><b>3.04</b></u>	<u><b>3.06</b></u>	<u><b>3.32</b></u>	<u><b>3.22</b></u>	<u><b>3.35</b></u>	<u><b>16.49</b></u>

**WATER**

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
<b>OPERATING REVENUES</b>										
Sales of water	\$ 1,267,546	\$ 1,284,994	\$ 1,416,545	\$ 1,465,315	\$ 1,543,658	\$ 1,695,233	\$ 1,746,813	\$ 1,748,148	\$ 2,012,703	\$ 2,014,238
Public Fire Protection	432,068	446,666	498,439	520,495	529,819	541,423	558,909	560,036	645,079	646,375
Private Fire Protection	28,385	29,373	38,842	43,901	44,928	44,928	46,276	46,276	53,219	53,219
Other	22,962	23,383	47,298	41,518	39,500	40,500	41,400	42,300	43,300	44,300
Total Operating Revenues	\$ 1,750,961	\$ 1,784,416	\$ 2,001,124	\$ 2,071,229	\$ 2,157,905	\$ 2,322,084	\$ 2,393,398	\$ 2,396,761	\$ 2,754,300	\$ 2,758,131
					4.37%	7.70%	3.09%	0.10%	15.14%	0.10%
<b>OPERATING EXPENSES</b>										
Operation and maintenance	\$ 903,595	\$ 869,159	\$ 969,933	\$ 992,653	\$ 994,690	\$ 1,009,005	\$ 1,069,693	\$ 1,078,489	\$ 1,132,215	\$ 1,113,757
Taxes	20,667	18,566	22,271	22,204	22,748	23,191	23,783	24,452	25,138	25,843
Depreciation (Utility Financed)	286,929	296,895	302,956	315,908	328,237	339,236	362,085	381,329	390,598	400,795
PILOT	352,700	363,249	387,855	420,305	442,461	459,393	484,392	530,751	547,875	570,561
Total Operating Expenses	\$ 1,563,891	\$ 1,547,869	\$ 1,683,015	\$ 1,751,070	\$ 1,788,136	\$ 1,830,824	\$ 1,939,954	\$ 2,015,021	\$ 2,095,826	\$ 2,110,957
			11.59%	2.34%	2.55%	1.44%	6.01%	0.82%	4.98%	-1.63%
<b>REGULATORY OPERATING INCOME</b>	<b>\$ 187,070</b>	<b>\$ 236,547</b>	<b>\$ 318,109</b>	<b>\$ 320,159</b>	<b>\$ 369,769</b>	<b>\$ 491,260</b>	<b>\$ 453,445</b>	<b>\$ 381,740</b>	<b>\$ 658,474</b>	<b>\$ 647,175</b>
<b>AVERAGE NET RATE BASE</b>	<b>\$ 7,924,804</b>	<b>\$ 8,435,003</b>	<b>\$ 9,201,577</b>	<b>\$ 9,904,869</b>	<b>\$ 10,270,163</b>	<b>\$ 10,653,115</b>	<b>\$ 11,741,611</b>	<b>\$ 12,573,604</b>	<b>\$ 12,746,350</b>	<b>\$ 13,017,428</b>
<b>RATE OF RETURN (Allowed - 5.00%)</b>	<b>2.36%</b>	<b>2.80%</b>	<b>3.46%</b>	<b>3.23%</b>	<b>3.60%</b>	<b>4.61%</b>	<b>3.86%</b>	<b>3.04%</b>	<b>5.17%</b>	<b>4.97%</b>
<b>OPERATING CASH FLOWS</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>
Sales of water	\$ 1,730,011	\$ 1,780,533	\$ 1,953,428	\$ 2,036,464	\$ 2,118,405	\$ 2,281,584	\$ 2,351,998	\$ 2,354,461	\$ 2,711,000	\$ 2,713,831
Routine operating expenditures	(928,452)	(863,014)	(980,187)	(1,031,439)	(994,690)	(1,009,005)	(1,069,693)	(1,078,489)	(1,132,215)	(1,113,757)
Taxes (Including PILOT)	(367,821)	(343,995)	(359,016)	(391,598)	(443,043)	(465,641)	(483,166)	(508,833)	(555,878)	(573,706)
Miscellaneous income	22,962	23,383	47,298	41,518	39,500	40,500	41,400	42,300	43,300	44,300
Total Operating Cash Flows	\$ 456,700	\$ 596,907	\$ 661,523	\$ 654,945	\$ 720,173	\$ 847,438	\$ 840,539	\$ 809,438	\$ 1,066,207	\$ 1,070,668
<b>CAPITAL AND FINANCING CASH FLOWS</b>										
Acquisition of capital assets	\$ (588,494)	\$ (1,035,382)	\$ (911,032)	\$ (774,325)	\$ (521,200)	\$ (873,700)	\$ (1,960,700)	\$ (404,710)	\$ (671,683)	\$ (621,320)
Principal paid	(150,575)	(151,257)	(1,399,957)	(373,677)	(369,415)	(365,173)	(431,654)	(429,081)	(424,594)	(452,198)
Interest paid	(80,277)	(74,276)	(88,323)	(56,726)	(52,027)	(63,307)	(73,266)	(65,550)	(57,442)	(48,700)
Debt proceeds	-	522,000	2,520,000	-	-	798,700	-	-	-	-
Special assessments	-	-	-	65,134	233,762	38,314	37,153	35,992	34,831	33,670
	\$ (819,346)	\$ (738,915)	\$ 120,688	\$ (1,139,594)	\$ (708,880)	\$ (465,166)	\$ (2,428,467)	\$ (863,349)	\$ (1,118,889)	\$ (1,088,548)
<b>INVESTING ACTIVITIES CASH FLOWS</b>										
Investment income	\$ 40,654	\$ 53,308	\$ 37,294	\$ 38,866	\$ 13,492	\$ 11,287	\$ 13,439	\$ 7,535	\$ -	\$ -
Net Change in Cash	\$ (321,992)	\$ (88,700)	\$ 819,505	\$ (445,783)	\$ 24,785	\$ 393,560	\$ (1,574,488)	\$ (46,376)	\$ (52,681)	\$ (17,880)
<b>ENDING CASH BALANCE</b>	<b>\$ 931,285</b>	<b>\$ 799,159</b>	<b>\$ 1,588,175</b>	<b>\$ 1,110,284</b>	<b>\$ 1,147,163</b>	<b>\$ 1,540,723</b>	<b>\$ (33,765)</b>	<b>\$ (80,141)</b>	<b>\$ (132,823)</b>	<b>\$ (150,703)</b>
<b>UNRESTRICTED CASH BALANCE</b>	<b>\$ 416,707</b>	<b>\$ 306,877</b>	<b>\$ 741,234</b>	<b>\$ 478,973</b>	<b>\$ 552,487</b>	<b>\$ 794,992</b>	<b>\$ (778,796)</b>	<b>\$ (821,106)</b>	<b>\$ (893,167)</b>	<b>\$ (790,320)</b>
<b>UNRESTRICTED MONTHS ON HAND</b> (Target is 5 Months Sales Revenue)	<b>2.89</b>	<b>2.09</b>	<b>4.55</b>	<b>2.83</b>	<b>3.13</b>	<b>4.18</b>	<b>(3.97)</b>	<b>(4.18)</b>	<b>(3.95)</b>	<b>(3.49)</b>
<b>RATE INCREASE NEEDED</b>					<b>12.00%</b>	<b>0.00%</b>	<b>3.00%</b>	<b>0.00%</b>	<b>15.00%</b>	<b>0.00%</b>
<b>DEBT ISSUE NEEDED</b>					<b>\$ -</b>	<b>\$ 815,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

**WATER**

<b>DEBT COVERAGE</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>
Operating revenues	\$ 1,750,961	\$ 1,784,416	\$ 2,001,124	\$ 2,071,229	\$ 2,157,905	\$ 2,322,084	\$ 2,393,398	\$ 2,396,761	\$ 2,754,300	\$ 2,758,131
Investment income	2,118	8,609	25,029	22,208	13,492	11,287	13,439	7,535	-	-
O & M expenses	(924,261)	(885,770)	(1,012,205)	(1,049,770)	(1,017,438)	(1,032,196)	(1,093,476)	(1,102,941)	(1,157,353)	(1,139,600)
Net defined earnings	\$ 828,818	\$ 907,255	\$ 1,013,948	\$ 1,043,667	\$ 1,153,959	\$ 1,301,176	\$ 1,313,361	\$ 1,301,354	\$ 1,596,947	\$ 1,618,531
Highest annual debt service	\$ 244,677	\$ 244,677	\$ 375,312	\$ 375,312	\$ 375,312	\$ 504,920	\$ 500,898	\$ 500,898	\$ 500,898	\$ 314,384
Coverage factor	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
Minimum required earnings	\$ 318,080	\$ 318,080	\$ 487,906	\$ 487,906	\$ 487,906	\$ 656,396	\$ 651,167	\$ 651,167	\$ 651,167	\$ 408,699
<b>ACTUAL DEBT COVERAGE</b>	<b>3.39</b>	<b>3.71</b>	<b>2.70</b>	<b>2.78</b>	<b>3.07</b>	<b>2.58</b>	<b>2.62</b>	<b>2.60</b>	<b>3.19</b>	<b>5.15</b>





**WASTEWATER**

<b>DEBT COVERAGE</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>
Operating revenues	\$ 2,050,885	\$ 2,037,835	\$ 2,036,002	\$ 2,051,313	\$ 2,070,306	\$ 2,071,460	\$ 2,270,835	\$ 2,272,111	\$ 2,273,389	\$ 2,274,670
Investment income	11,559	9,863	2,485	33,367	14,844	14,675	12,941	10,402	10,267	10,306
O & M expenses	(944,780)	(1,042,161)	(1,020,298)	(1,012,657)	(1,032,134)	(1,064,643)	(1,135,317)	(1,066,229)	(1,082,383)	(1,098,783)
Net defined earnings	<u>\$ 1,117,664</u>	<u>\$ 1,005,537</u>	<u>\$ 1,018,189</u>	<u>\$ 1,072,023</u>	<u>\$ 1,053,016</u>	<u>\$ 1,021,493</u>	<u>\$ 1,148,459</u>	<u>\$ 1,216,284</u>	<u>\$ 1,201,272</u>	<u>\$ 1,186,193</u>
Highest annual debt service	\$ 527,838	\$ 544,459	\$ 544,307	\$ 544,152	\$ 543,992	\$ 501,892	\$ 427,223	\$ 427,105	\$ 426,984	\$ 317,801
Coverage factor	<u>1.10</u>	<u>1.10</u>	<u>1.10</u>	<u>1.10</u>	<u>1.10</u>	<u>1.10</u>	<u>1.10</u>	<u>1.10</u>	<u>1.10</u>	<u>1.10</u>
Minimum required earnings	<u>\$ 580,622</u>	<u>\$ 598,905</u>	<u>\$ 598,738</u>	<u>\$ 598,567</u>	<u>\$ 598,391</u>	<u>\$ 552,081</u>	<u>\$ 469,945</u>	<u>\$ 469,816</u>	<u>\$ 469,682</u>	<u>\$ 349,581</u>
<b>ACTUAL DEBT COVERAGE</b>	<u><b>2.12</b></u>	<u><b>1.85</b></u>	<u><b>1.87</b></u>	<u><b>1.97</b></u>	<u><b>1.94</b></u>	<u><b>2.04</b></u>	<u><b>2.69</b></u>	<u><b>2.85</b></u>	<u><b>2.81</b></u>	<u><b>3.73</b></u>

**Stoughton Utilities – Program Summary**

Capital Projects Program – 2019-2023

September 07, 2018

<b>Division</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>Grand Total</b>
Electric Division	\$1,166,000.00	\$948,000.00	\$1,787,900.00	\$1,073,000.00	\$535,000.00	<b>\$5,509,900.00</b>
Water Division	\$897,500.00	\$1,984,500.00	\$378,510.00	\$645,483.00	\$620,120.00	<b>\$4,526,113.00</b>
Wastewater Division	\$1,085,500.00	\$1,102,900.00	\$405,750.00	\$1,731,250.00	\$324,600.00	<b>\$4,650,000.00</b>
Technical Operations Division	\$ -	\$75,000.00	\$50,000.00	\$50,000.00	\$ -	<b>\$175,000.00</b>
<b>Annual Total:</b>	<b>\$3,149,000.00</b>	<b>\$4,110,400.00</b>	<b>\$2,622,160.00</b>	<b>\$3,499,733.00</b>	<b>\$1,479,720.00</b>	<b>\$14,861,013.00</b>

September 07, 2018

**Stoughton Utilities – Electric Division**

Capital Projects Program – 2019-2023

<b>Projects:</b>	<b>Funding:</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>Total:</b>
2017 Distribution: 600A Feed To North Business Park (#4)	Utility Reserve	\$ -	\$168,000.00	\$ -	\$ -	\$ -	\$168,000.00
2021 Distribution :Rebuild CTH B: Williams to CTH N (#14)	Utility Reserve	\$ -	\$ -	\$203,200.00	\$ -	\$ -	\$203,200.00
2021 Distribution: Add west tie circuit (#5)	Utility Reserve	\$ -	\$ -	\$518,500.00	\$ -	\$ -	\$518,500.00
2021 Distribution: Rebuild CTH N: USH 51 to CTH B (#15)	Utility Reserve	\$ -	\$ -	\$251,200.00	\$ -	\$ -	\$251,200.00
AMR Enhancements	Utility Reserve	\$ -	\$ -	\$ -	\$40,000.00	\$ -	\$40,000.00
Cable Thumper	Utility Reserve	\$ -	\$ -	\$ -	\$ -	\$35,000.00	\$35,000.00
Distribution Capacity/Reconstruction Projects	Utility Reserve	\$500,000.00	\$500,000.00	\$500,000.00	\$500,000.00	\$500,000.00	\$2,500,000.00
Distribution relocations for Hwy 138/51 roundabout	Utility Reserve	\$475,000.00	\$ -	\$ -	\$ -	\$ -	\$475,000.00
East Substation Upgrade	Utility Reserve	\$ -	\$ -	\$ -	\$193,000.00	\$ -	\$193,000.00
North Business Park 1/0 feed along Glacier Moraine	Developer Financed	\$104,000.00	\$ -	\$ -	\$ -	\$ -	\$104,000.00
Street lights along Glacier Moraine	Developer Financed	\$67,000.00	\$ -	\$ -	\$ -	\$ -	\$67,000.00
System Study	Utility Reserve	\$20,000.00	\$ -	\$ -	\$ -	\$ -	\$20,000.00
<b>Projects Section Total:</b>		<b>\$1,166,000.00</b>	<b>\$668,000.00</b>	<b>\$1,472,900.00</b>	<b>\$733,000.00</b>	<b>\$535,000.00</b>	<b>\$4,574,900.00</b>
<b>Vehicles:</b>	<b>Funding:</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>Total:</b>
Line Bucket Truck #12 (2011)	Utility Reserve	\$ -	\$ -	\$280,000.00	\$ -	\$ -	\$280,000.00
Line Bucket Truck #16 (2010)	Utility Reserve	\$ -	\$280,000.00	\$ -	\$ -	\$ -	\$280,000.00
Line Chipper (2007)	Utility Reserve	\$ -	\$ -	\$35,000.00	\$ -	\$ -	\$35,000.00
Line Digger Truck #5 (2007)	Utility Reserve	\$ -	\$ -	\$ -	\$280,000.00	\$ -	\$280,000.00
Line Service Truck #22 (2012)	Utility Reserve	\$ -	\$ -	\$ -	\$30,000.00	\$ -	\$30,000.00
Planning Service Truck #1 (2012)	Utility Reserve	\$ -	\$ -	\$ -	\$30,000.00	\$ -	\$30,000.00
<b>Vehicles Section Total:</b>		<b>\$ -</b>	<b>\$280,000.00</b>	<b>\$315,000.00</b>	<b>\$340,000.00</b>	<b>\$ -</b>	<b>\$935,000.00</b>
<b>Grand Total:</b>		<b>\$1,166,000.00</b>	<b>\$948,000.00</b>	<b>\$1,787,900.00</b>	<b>\$1,073,000.00</b>	<b>\$535,000.00</b>	<b>\$5,509,900.00</b>

**Stoughton Utilities – Water Division***Capital Projects Program – 2019-2023*

<b>Projects:</b>	<b>Funding:</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>Total:</b>
2018-2023 Main Replace Engineering	Revenue Bonds	\$117,500.00	\$244,500.00	\$46,110.00	\$80,933.00	\$61,320.00	<b>\$550,363.00</b>
2019 Main replace- Lowell: Monroe to Page (K)	Revenue Bonds	\$225,000.00	\$ -	\$ -	\$ -	\$ -	<b>\$225,000.00</b>
2019 Main replace- Monroe: Main to Lowell (L)	Revenue Bonds	\$335,000.00	\$ -	\$ -	\$ -	\$ -	<b>\$335,000.00</b>
2019 Main replace- Patterson	Revenue Bonds	\$130,000.00	\$ -	\$ -	\$ -	\$ -	<b>\$130,000.00</b>
2020 Main replace- Harrison: Harding to Clyde (M)	Revenue Bonds	\$ -	\$208,000.00	\$ -	\$ -	\$ -	<b>\$208,000.00</b>
2020 Main replace- Johnson: Harding to Clyde (N)	Revenue Bonds	\$ -	\$212,000.00	\$ -	\$ -	\$ -	<b>\$212,000.00</b>
2020 Main replace- Main: Van Buren to Page (J)	Revenue Bonds	\$ -	\$608,000.00	\$ -	\$ -	\$ -	<b>\$608,000.00</b>
2020 Main replace- Prospect: Page to Mckinley (O)	Revenue Bonds	\$ -	\$337,000.00	\$ -	\$ -	\$ -	<b>\$337,000.00</b>
2020 Main replace- Randolph: Page to Summit Ave.	Revenue Bonds	\$ -	\$265,000.00	\$ -	\$ -	\$ -	<b>\$265,000.00</b>
2021 Main replace- Madison: Harding to Clyde (Q)	Utility Reserve	\$ -	\$ -	\$153,700.00	\$ -	\$ -	<b>\$153,700.00</b>
2021 Main replace- Monroe: Harding to Clyde (P)	Utility Reserve	\$ -	\$ -	\$153,700.00	\$ -	\$ -	<b>\$153,700.00</b>
2022 Main replace- Harding: Page to Grant (R)	Utility Reserve	\$ -	\$ -	\$ -	\$114,450.00	\$ -	<b>\$114,450.00</b>
2022 Main replace- Wilson: Madison to Taft (S)	Utility Reserve	\$ -	\$ -	\$ -	\$425,100.00	\$ -	<b>\$425,100.00</b>
2023 Main replace- Prairie: Taft to McKinley (T)	Utility Reserve	\$ -	\$ -	\$ -	\$ -	\$78,400.00	<b>\$78,400.00</b>
2023 Main replace- Taft: Prairie to Wilson (U)	Utility Reserve	\$ -	\$ -	\$ -	\$ -	\$330,400.00	<b>\$330,400.00</b>
Large Meter Replacements	Revenue Bonds	\$50,000.00	\$50,000.00	\$ -	\$ -	\$ -	<b>\$100,000.00</b>
Lead Service Replacements	Utility Reserve	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	<b>\$75,000.00</b>
Meters - New and Replacements	Utility Reserve	\$25,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	<b>\$65,000.00</b>
Well #4 - Rehab (last rehab 2015 )	Utility Reserve	\$ -	\$ -	\$ -	\$ -	\$25,000.00	<b>\$25,000.00</b>
<b>Projects Section Total:</b>		<b>\$897,500.00</b>	<b>\$1,949,500.00</b>	<b>\$378,510.00</b>	<b>\$645,483.00</b>	<b>\$520,120.00</b>	<b>\$4,391,113.00</b>
<b>Vehicles:</b>	<b>Funding:</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>Total:</b>
Water Backhoe (2008)	Utility Reserve	\$ -	\$ -	\$ -	\$ -	\$100,000.00	<b>\$100,000.00</b>
Water Service Truck #23 (2010)	Utility Reserve	\$ -	\$35,000.00	\$ -	\$ -	\$ -	<b>\$35,000.00</b>
<b>Vehicles Section Total:</b>		<b>\$ -</b>	<b>\$35,000.00</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$100,000.00</b>	<b>\$135,000.00</b>
<b>Grand Total:</b>		<b>\$897,500.00</b>	<b>\$1,984,500.00</b>	<b>\$378,510.00</b>	<b>\$645,483.00</b>	<b>\$620,120.00</b>	<b>\$4,526,113.00</b>

**Stoughton Utilities – Wastewater Division***Capital Projects Program – 2019-2023*

<b>Projects:</b>	<b>Funding:</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>Total:</b>
2018-2023 Main Replace Engineering	Utility Reserve	\$117,500.00	\$129,900.00	\$48,750.00	\$53,250.00	\$18,600.00	<b>\$368,000.00</b>
2019 Lowell: Monroe to Page (1140')(J)	Utility Reserve	\$266,333.00	\$ -	\$ -	\$ -	\$ -	<b>\$266,333.00</b>
2019 Monroe: Jefferson to Lowell & south end (WT)(K)1130	Utility Reserve	\$271,556.00	\$ -	\$ -	\$ -	\$ -	<b>\$271,556.00</b>
2019 Patterson & Monroe (1115')(ST)(WT)	Utility Reserve	\$261,111.00	\$ -	\$ -	\$ -	\$ -	<b>\$261,111.00</b>
2020 Main: Page to Van Buren (ST)(I)	Utility Reserve	\$ -	\$541,000.00	\$ -	\$ -	\$ -	<b>\$541,000.00</b>
2020 Prospect: Page to Grant (WT)(L)	Utility Reserve	\$ -	\$140,000.00	\$ -	\$ -	\$ -	<b>\$140,000.00</b>
2020 Randolph: Summit to Page (641')(ST)	Utility Reserve	\$ -	\$185,000.00	\$ -	\$ -	\$ -	<b>\$185,000.00</b>
2021 Lining: Jefferson, Monroe, Mandt Pkwy	Utility Reserve	\$ -	\$ -	\$150,000.00	\$ -	\$ -	<b>\$150,000.00</b>
2021 Moline: Academy to 1218 Moline (850')	Utility Reserve	\$ -	\$ -	\$175,000.00	\$ -	\$ -	<b>\$175,000.00</b>
2022 South: Page to Van Buren (1575')(ST)(WT)	Utility Reserve	\$ -	\$ -	\$ -	\$355,000.00	\$ -	<b>\$355,000.00</b>
2023 Taft: Page to Grant (WW)(P)	Utility Reserve	\$ -	\$ -	\$ -	\$ -	\$124,000.00	<b>\$124,000.00</b>
Lift station: Eastwood (Pumps, Controls and Building)	Utility Reserve	\$60,000.00	\$ -	\$ -	\$ -	\$ -	<b>\$60,000.00</b>
Lift station: Eighth	Developer Financed	\$ -	\$ -	\$ -	\$400,000.00	\$ -	<b>\$400,000.00</b>
Permit Reissuance	Utility Reserve	\$ -	\$ -	\$ -	\$3,000.00	\$ -	<b>\$3,000.00</b>
Plant Replace Main Building Bioler	Utility Reserve	\$18,000.00	\$ -	\$ -	\$ -	\$ -	<b>\$18,000.00</b>
Plant Replace RTU # 102 GBT Building	Utility Reserve	\$24,000.00	\$ -	\$ -	\$ -	\$ -	<b>\$24,000.00</b>
Plant: Facilities studies	Utility Reserve	\$ -	\$40,000.00	\$ -	\$ -	\$ -	<b>\$40,000.00</b>
Plant: LRSP-C Phosphorus Bulk Chemical Storage Projecy	Utility Reserve	\$ -	\$ -	\$ -	\$225,000.00	\$ -	<b>\$225,000.00</b>
Plant: LRSP-E Effluent Reaeration Project	Utility Reserve	\$5,000.00	\$ -	\$ -	\$ -	\$ -	<b>\$5,000.00</b>
Plant: LRSP-F PH adjustment project	Utility Reserve	\$ -	\$ -	\$ -	\$385,000.00	\$ -	<b>\$385,000.00</b>
Plant: MMSD Full Scale Adaptive Management	Utility Reserve	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	<b>\$10,000.00</b>
Plant: Primary clarifiers 1 & 2: Chains and wear stripes	Utility Reserve	\$ -	\$ -	\$ -	\$78,000.00	\$ -	<b>\$78,000.00</b>
Plant: UV disinfection upgrade	Utility Reserve	\$ -	\$ -	\$ -	\$170,000.00	\$ -	<b>\$170,000.00</b>
Sanitary Sewer Rehab: Replace manholes and mains	Utility Reserve	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	<b>\$150,000.00</b>
Sanitary Sewer System Study	Utility Reserve	\$30,000.00	\$ -	\$ -	\$ -	\$ -	<b>\$30,000.00</b>
<b>Projects Section Total:</b>		<b>\$1,085,500.00</b>	<b>\$1,067,900.00</b>	<b>\$405,750.00</b>	<b>\$1,701,250.00</b>	<b>\$174,600.00</b>	<b>\$4,435,000.00</b>
<b>Vehicles:</b>	<b>Funding:</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>Total:</b>
Televising Truck #18 (2015)	Utility Reserve	\$ -	\$ -	\$ -	\$ -	\$150,000.00	<b>\$150,000.00</b>
Wastewater Service Truck #7 (2010)	Utility Reserve	\$ -	\$35,000.00	\$ -	\$ -	\$ -	<b>\$35,000.00</b>
Wastewater Service Truck #9 (2012)	Utility Reserve	\$ -	\$ -	\$ -	\$30,000.00	\$ -	<b>\$30,000.00</b>
<b>Vehicles Section Total:</b>		<b>\$ -</b>	<b>\$35,000.00</b>	<b>\$ -</b>	<b>\$30,000.00</b>	<b>\$150,000.00</b>	<b>\$215,000.00</b>
<b>Grand Total:</b>		<b>\$1,085,500.00</b>	<b>\$1,102,900.00</b>	<b>\$405,750.00</b>	<b>\$1,731,250.00</b>	<b>\$324,600.00</b>	<b>\$4,650,000.00</b>

**Stoughton Utilities – Technical Operations Division**

*Capital Projects Program – 2019-2023*

September 07, 2018

<b>Projects:</b>	<b>Funding:</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>Total:</b>
Administration building roof - 1996, 97, 99	Utility Reserve	\$ -	\$ -	\$50,000.00	\$50,000.00	\$ -	<b>\$100,000.00</b>
Blacktop Grind and Overlay - Admin Building	Utility Reserve	\$ -	\$75,000.00	\$ -	\$ -	\$ -	<b>\$75,000.00</b>
<b>Projects Section Total:</b>		<b>\$ -</b>	<b>\$75,000.00</b>	<b>\$50,000.00</b>	<b>\$50,000.00</b>	<b>\$ -</b>	<b>\$175,000.00</b>

<b>Grand Total:</b>		<b>\$0.00</b>	<b>\$75,000.00</b>	<b>\$50,000.00</b>	<b>\$50,000.00</b>	<b>\$0.00</b>	<b>\$175,000.00</b>
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City of Stoughton, 381 E Main Street, Stoughton WI 53589

**RESOLUTION FROM THE UTILITIES COMMITTEE TO THE  
STOUGHTON COMMON COUNCIL**

Authorizing and directing the proper City official(s) to approve the Stoughton Utilities 2019 budget and five year (2019-2023) Capital Improvement Plan (CIP).

Committee Action: Utilities Committee recommended Committee of the Whole and Common Council approval -0

Committee of the Whole recommended Common Council approval -0

Fiscal Impact: Revenue Neutral

**File Number:** R-xxx-2018

**Date Introduced:** November , 2018

**WHEREAS**, in early 2018, Stoughton Utilities staff and consultants initiated the development of the proposed 2019 Stoughton Utilities Budget and five year (2019-2023) Capital Improvement Program, and

**WHEREAS**, the Stoughton Utilities Committee approved and recommended the approval of the proposed 2019 Stoughton Utilities Budget and five year (2019-2023) Capital Improvement Plan to the Common Council on September 17, 2018, and

**WHEREAS**, the Committee of the Whole approved and recommended the approval of the proposed 2019 Stoughton Utilities Budget and five year (2019-2023) Capital Improvements Plan to the Common Council on October , 2018, now therefore

**BE IT RESOLVED** by the Common Council of the City of Stoughton that the proper city official(s) approve and adopt the 2019 Stoughton Utilities Budget and five year (2019-2023) Capital Improvement Plan.

**Council Action:**  **Adopted**  **Failed** **Vote:** \_\_\_\_\_

**Mayoral Action:**  **Accept**  **Veto**

\_\_\_\_\_  
Mayor Tim Swadley

\_\_\_\_\_  
Date

**Council Action:** \_\_\_\_\_  **Override** **Vote:** \_\_\_\_\_



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

*Serving Electric, Water & Wastewater Since 1886*

**Date:** September 11, 2018

**To:** Stoughton Utilities Committee

**From:** Robert P. Kardasz, 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.





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

*Serving Electric, Water & Wastewater Since 1886*

**Date:** September 11, 2018

**To:** Stoughton Utilities Committee

**From:** Robert P. Kardasz, P.E.  
Stoughton Utilities Director

**Subject:** Tour of the Stoughton Utilities Wastewater Treatment Facility

A tour of the Stoughton Utilities Wastewater Treatment Facility, located at 800 Mandt Parkway, is scheduled to take place immediately following the September 17, 2018 meeting of the Stoughton Utilities Committee. Members of the Stoughton Utilities Committee are invited to attend.