

# NOTICE

There will be a Regular meeting of the City of Stoughton Utilities Committee on Monday, August 16, 2010 to be held at 5:00 p.m. in the Edmund T. Malinowski Board Room of the Stoughton Utilities Administration Office in the Stoughton Utilities Building, 600 S. Fourth Street, Stoughton, WI 53589.

## AGENDA:

Call To Order.

Stoughton Utilities Payments Due List. (Action.) (Page Nos. 5-12)

Stoughton Utilities Committee 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.) **(Action.)**

- a) Draft Minutes of the July 19, 2010 Regular Stoughton Utilities Committee Meeting. (Page Nos. 13-19)
- b) Stoughton Utilities June 2010 Financial Summary. (Page Nos. 20-24)
- c) Stoughton Utilities June 2010 Statistical Information. (Page No. 25)
- d) Stoughton Utilities Communications. (Page Nos. 26-48)
- e) Stoughton Utilities Committee Annual Calendar. (Page Nos. 49-51)
- f) Stoughton Utilities July 2010 Activities Report. (Page Nos. 52-58)
- g) Status of the Stoughton Utilities Committee July 19, 2010 Recommendations to the Stoughton Common Council. (Page No. 59)

Stoughton Utilities Management Team Verbal Reports.

## BUSINESS:

1. Stoughton Utilities Wastewater Rate Review Status Report No. 1. **(Discussion.)** (Page Nos. 60-61)
2. Stoughton Utilities Wastewater Financial Objectives. **(Discussion.)** (Page Nos. 62-63)
3. Stoughton Utilities Wastewater Pollutant Discharge Elimination System (WPDES) Permit Status Report No. 1. **(Discussion.)** (Page Nos. 64-65)
4. 2010 Wisconsin Sewer User Charge Report. **(Discussion.)** (Page No. 66)
5. Stoughton Utilities Governance. **(Discussion.)** (Page No. 67)
6. Hydro Power Opportunity. **(Discussion.)** (Page No. 68)
7. WPPI Energy Thirtieth Annual Meeting. **(Discussion.)** (Page No. 69)
8. Stoughton Utilities Committee Future Meeting Agenda Item(s). **(Discussion.)** (Page No. 70)
9. Stoughton Utilities North Electric Substation Tour. **(Discussion.)** (Page No. 71)

## ADJOURNMENT

Mayor Donna L. Olson  
Stoughton Utilities Committee Chairperson  
August 12, 2010

## Notices Sent To:

Mayor Donna L. Olson, Chair  
Aldersperson Carl T. Chenoweth, P.E., Vice-Chair  
Aldersperson Eric Hohol  
Aldersperson Steve Tone  
Stoughton Utilities Committee Citizen Member David Erdman  
Stoughton Utilities Committee Citizen Member Jonathan Hajny  
Stoughton Utilities Committee Citizen Member Angie Halverson  
Stoughton Utilities Operations Superintendent Sean Grady  
Stoughton Utilities Director Robert P. Kardasz, P.E.

cc: Common Council Members  
City Clerk and Personnel Director Luann J. Alme  
Stoughton Utilities and MEUW Southeastern Regional Safety Coordinator Christopher A. Belz  
Stoughton Utilities Billing and Consumer Services Technician Erin N. Bothum  
City Media Services Director William H. Brehm  
City Attorney Matthew P. Dregne  
Stoughton Utilities Wastewater System Supervisor Brian G. Erickson  
Stoughton Utilities Office and Information Systems Supervisor Brian R. Hoops  
Deputy City Clerk and Confidential Secretary Phili Hougan  
Stoughton Utilities Finance and Administrative Manager Kim M. Jennings, CPA  
Stoughton Library Administrative Assistant Debbie Myren  
Stoughton Utilities and WPPI Energy Services Representative Alicia Rankin  
Stoughton Utilities Water System Supervisor Roger M. Thorson  
Stoughton Utilities Electric System Supervisor Craig A. Wood  
City Department Heads  
Stoughton Newspapers  
Wisconsin State Journal

Note: If you are physically challenged and in need of assistance, please call 873-3379 during office hours of 8:00 a.m. to 4:00 p.m., prior to this meeting.

If you encounter a situation that may affect your scheduled participation, please contact Robert Kardasz or Sean Grady at 877-7423 or 877-7416 respectively prior to 5:00 p.m.

An expanded meeting may constitute a quorum of the Common Council.



**Stoughton Utilities**

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

*Serving Electric, Water & Wastewater Needs Since 1886*

**Date:** August 12, 2010

**To:** Stoughton Utilities Committee

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

**Subject:** Recommended Actions At The August 16, 2010 Regular Stoughton Utilities Committee Meeting.

AGENDA:

- Stoughton Utilities Payments Due List. **(Review, approve, and recommend the approval of the Stoughton Utilities Payments Due List to the Stoughton Common Council on August 24, 2010.)**
- Stoughton Utilities Committee Consent Agenda.
  - a) Draft Minutes of the July 19, 2010 Regular Stoughton Utilities Committee Meeting. **(Approve the Draft Minutes of the July 19, 2010 Regular Stoughton Utilities Committee Meeting via the consent agenda approval.)**
  - b) Stoughton Utilities June 2010 Financial Summary. **(Discuss and accept the Stoughton Utilities June 2010 Financial Summary via the consent agenda approval.)**
  - c) Stoughton Utilities June 2010 Statistical Information. **(Discuss and accept the June 2010 Stoughton Utilities Statistical Information via the consent agenda approval.)**
  - d) Stoughton Utilities Communications. **(Discuss and accept the Stoughton Utilities Communications via the consent agenda approval.)**
  - e) Stoughton Utilities Committee Annual Calendar. **(Discuss and accept the Stoughton Utilities Committee Annual Calendar via the consent agenda approval.)**
  - f) Stoughton Utilities July 2010 Activities Report. **(Discuss and accept the Stoughton Utilities June 2010 Stoughton Utilities Activities Report via the consent agenda approval.)**



Office 608-873-3379  
Fax 608-873-4878  
stoughtonutilities.com

- g) Status of the Stoughton Utilities Committee June 15, 2010 recommendation to the Stoughton Common Council. **(Discuss and accept the status of the June 15, 2010 recommendations to the Stoughton Common Council via the consent agenda approval.)**

Stoughton Utilities Management Team Verbal Reports. **(Discuss the Stoughton Utilities Management Team verbal reports.)**

BUSINESS:

1. Stoughton Utilities Wastewater Rate Review Status Report No. 1. **(Review and discuss, the Stoughton Utilities Wastewater Rate Review Status Report No. 1.)**
2. Stoughton Utilities Wastewater Financial Objectives. **(Review and discuss the Stoughton Utilities Wastewater Financial Objectives.)**
3. Stoughton Utilities Wastewater Wisconsin Pollutant Discharge Elimination System (WPDES) Permit Status Report No. 1. **(Review and discuss the Stoughton Utilities Wastewater Wisconsin Pollutant Discharge Elimination System (WPDES) Permit Status Report No. 1.)**
4. 2010 Sewer User Charge Report. **(Review and discuss the results of the 2010 sewer user charge report.)**
5. Stoughton Utilities Committee Governance. **(Review and discuss the Stoughton Utilities Committee Governance.)**
6. Hydro Power Opportunity. **(Discuss the hydro power opportunity.)**
7. WPPI Energy Thirtieth Annual Meeting. **(Review, discuss and participate in the WPPI Energy Thirtieth Annual Meeting.)**
8. Stoughton Utilities Committee Future Meeting Agenda Item(s). **(Review and discuss future Stoughton Utilities Committee agenda items.)**
9. Stoughton Utilities North Electric Substation Tour. **(Discuss and participate in the Stoughton Utilities North Electric Substation Tour.)**

cc: Sean O Grady  
Stoughton Utilities Operations Superintendent

Date: Tuesday, August 03, 2010  
 Time: 10:05AM  
 User: SGUNSOLUS

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

Page: 1 of 8  
 Report: 03699W.rpt  
 Company: 7430

Period: - As of: 8/3/2010

Check Nbr	Type	Date	Amount Paid	Vendor ID / Name	Description
<b>Company: 7430</b>					
000347	HC	7/31/2010	488.17	003 Alliant Energy - Ach	Alliant Energy - July Ach/Alliant Energy - July Ach/Alliant Energy - July Ach/Alliant Energy - July Ach/Alliant Energy - July Ach/Alliant Energy - July Ach/Alliant Energy - July Ach/Alliant Energy - July Ach/More...
000348	HC	7/31/2010	6,161.95	008 Payroll State Taxes - Ach	State Taxes - July Ach/State Taxes - July Ach
000349	HC	7/31/2010	27,761.92	025 Payroll Federal Taxes- Ach	Federal Taxes- July Ach/Federal Taxes- July Ach/Federal Taxes- July Ach/Federal Taxes- July Ach/Federal Taxes- July Ach/Federal Taxes- July Ach
000350	HC	7/31/2010	1,477.99	001 Delta Dental - Ach	Delta Dental - July Ach/Delta Dental - July Ach/Delta Dental - July Ach/Delta Dental - July Ach
000351	HC	7/31/2010	45.35	004 Us Cellular - Ach	Us Cellular - July Ach/Us Cellular - July Ach
000352	HC	7/31/2010	6,444.38	020 Wells Fargo Client Ana-ach	Client Analysis-July Ach/Client Analysis-July Ach/Client Analysis-July Ach/Client Analysis-July Ach
000353	HC	7/31/2010	53,900.37	010 WI DEPT OF REVENUE TAXPAYMENT	Dept of Rev-July Ach/Dept of Rev-July Ach/Dept of Rev-July Ach/Dept of Rev-July Ach
000354	HC	7/31/2010	1,115.48	002 Employee Benefits Corp - Ach	Emp Benefits Corp - July Ach/Emp Benefits Corp - July Ach/Emp Benefits Corp - July Ach/Emp Benefits Corp - July Ach/Emp Benefits Corp - July Ach
019672	VC	7/21/2010	-36.97	864 AUTO-WARES WISCONSIN INC	Auto-Wares-Prius-filters/Auto-Wares-Prius-filters/Auto-Wares-Prius-filters/Auto-Wares-Prius-filters
019709	CK	7/7/2010	6.26	111 AUTO PARTS OF STOUGHTON	Auto Parts-Oil Filter Trk 4/Auto Parts-Oil Filter Trk 4
019710	CK	7/7/2010	286.43	123 U.S. CELLULAR	Us Cell-Phones/Us Cell-Phones
019711	CK	7/7/2010	138.46	133 WISCONSIN SCTF	WI SCTF-July A Support/WI SCTF-July A Support

Date: Tuesday, August 03, 2010  
 Time: 10:06AM  
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Check Nbr	Type	Date	Amount Paid	Vendor ID / Name	Description
019712	CK	7/7/2010	364.31	256 GREAT LAKES UNDERGRN. EQUIP. C	Great Lakes-Valves for Jetvac/Great Lakes-Valves for Jetvac/Great Lakes-Valves for Jetvac/Lakes-Valves for Jetvac
019713	CK	7/7/2010	7,979.23	290 MID-WEST TREE & EXCAVATION, IN	Mid West-Trenching/Mid West-Trenching/Mid West-Trenching/Mid West-Trenching
019714	CK	7/7/2010	1,551.23	309 HAWKINS, INC.	Hawkins-Chlorine & Fluoride/Hawkins-Chlorine & Fluoride
019715	CK	7/7/2010	268.56	312 STATE DISBURSEMENT UNIT	State disb-July A Support/State disb-July A Support
019716	CK	7/7/2010	137,899.60	326 C B & J INC.	C B & I-East Side Elev Tank/C B & I-East Side Elev Tank
019717	CK	7/7/2010	52.00	390 BADGER WATER LLC	Badger Water-Lab Water/Badger Water-Lab Water
019718	CK	7/7/2010	17,630.21	448 STRAND ASSOCIATES INC.	Strand-Phos Rule Impact/Strand-General Eng/Strand-General Eng/Strand-East Side Water Main/Strand-East Side Elev Tank/Strand-East Side Elev Tank/Strand-Phos Rule Impact/Strand-User Charge/Strand-User Charge/More....
019719	CK	7/7/2010	1,900.00	463 GREAT-WEST	Great-West-July A Def Comp/Great-West-July A Def Comp
019720	CK	7/7/2010	360.00	514 D.W. NELSON INCORPORATED	D.W. Nelson-Curb Replacement/D.W. Nelson-Curb Replacement
019721	CK	7/7/2010	69.00	526 BATTERIES PLUS - 572	Batteries Plus-Scada Batteries/Batteries Plus-Scada Batteries
019722	CK	7/7/2010	7,372.88	590 AUXIANT	Auxiant-Medical Admin/Auxiant-Medical Admin/Auxiant-Medical Admin/Auxiant-Medical Admin/Auxiant-Medical Admin
019723	CK	7/7/2010	4,213.51	591 AUXIANT	Auxiant-Medical Claims/Auxiant-Medical Claims/Auxiant-Medical Claims/Auxiant-Medical Claims
019724	CK	7/7/2010	20.00	675 WI STATE LABORATORY OF HYGIENE	WI State Lab-Fluoride Samples/WI State Lab-Fluoride Samples

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019725	CK	7/7/2010	649.50	718 CGC, INC.	CGC-Professional services/CGC-Professional services
019726	CK	7/7/2010	150.00	731 NORTH SHORE BANK FSB	N shore Bank-Jul A Def Comp/N shore Bank-Jul A Def Comp
019727	CK	7/7/2010	4,401.44	781 DUNKIRK WATER POWER CO LLC	Dunkirk-June Dunkirk/Dunkirk-June Dunkirk
019728	CK	7/7/2010	126,422.70	812 MICHELS CORPORATION	Michels-Pay Request 1/Michels-Pay Request 1
019729	CK	7/7/2010	970.00	995 MEUW	MEUW-Conference & Register/MEUW-Conference & Register
019730	CK	7/7/2010	40,876.44	131 CITY OF STOUGHTON	city Stoton-July Inc cont/city Stoton-July Inc cont/City Stoton-July Inc Cont/City Stoton-July Inc Cont/City Stoton-July Life Ins/City Stoton-July Life Ins/City Stoton-July Life Ins/More...
019731	CK	7/7/2010	625.20	327 BORDER STATES ELECTRIC SUPPLY	Border States-Inventory/Border States-Inventory
019732	CK	7/7/2010	230.00	377 GENERAL COMMUNICATIONS, INC	General comm-2 Way Radio/General comm-2 Way Radio/General comm-2 Way Radio
019733	CK	7/7/2010	94.14	400 RESCO	Resco-Harness/Resco-Harness
019734	CK	7/7/2010	89.48	521 WESCO RECEIVABLES CORP.	Wesco-Plastic concrete/Wesco-Plastic concrete
019735	CK	7/7/2010	392.64	809 CINTAS CORPORATION #446	Cintas-10 Clothing/Cintas-10 Clothing/Cintas-10 Clothing/Cintas-10 Clothing
019736	CK	7/8/2010	28,435.57	202 SMITHBACK EXCAVATING, INC.	Smithback-Pay Req 3/Smithback-Pay Req 3
019737	CK	7/15/2010	36.97	111 AUTO PARTS OF STOUGHTON	Auto Parts-Prius Filters/Auto Parts-Prius Filters/Auto Parts-Prius Filter
019738	CK	7/15/2010	725.00	134 CRESCENT ELEC. SUPPLY CO.	Crescent-Inventory/Crescent-Inventory
019739	CK	7/15/2010	1,731.50	166 INKWORKS, INC.	Inkworks-Pub Ben #1/Inkworks-Pub Ben #1/Inkworks-Office supply/Inkworks-Office supply/Inkworks-Office supply/Inkworks-Office supply

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019740	CK	7/15/2010	12,028.86	327 BORDER STATES ELECTRIC SUPPLY	Border States-Inventory/Border States-Inventory/Border States-Inventory/Border States-Inventory/Border States-Inventory
019741	CK	7/15/2010	136.46	432 CHERYL SCHULTZ	C Schultz-Customer Refund/C Schultz-Customer Refund
019742	CK	7/15/2010	218.43	436 STOUGHTON LUMBER CO., INC.	Stoton Lumber-Misc Hardware/Stoton Lumber-Misc Hardware/Stoton Lumber-Misc Hardware/Stoton Lumber-Misc Hardware/Stoton Lumber-Misc Hardware
019743	CK	7/15/2010	2,036.44	451 FRONTIER FS COOPERATIVE	Frontier-Fuel/Frontier-Fuel/Frontier-Fuel/Frontier-Fuel/Frontier-Fuel
019744	CK	7/15/2010	4.32	486 ALLISON BAUER	A Bauer-Customer Refund/A Bauer-Customer Refund
019745	CK	7/15/2010	8.12	487 CHRIS HAKE	C Hake-Customer Refund/C Hake-Customer Refund/C Hake-Customer Refund/C Hake-Customer Refund
019746	CK	7/15/2010	455.00	490 JAMES & REBECCA HURLEY	J Hurley-Customer Refund/J Hurley-Customer Refund
019747	CK	7/15/2010	265.61	493 M G & E	M G & E-Customer refund/M G & E-Customer refund
019748	CK	7/15/2010	1,370.00	519 BRADLEY HARNACK	B Harnack-Well 5 Mowing/B Harnack-Well 5 Mowing/B Harnack-Admin Mowing/B Harnack-Admin Mowing/B Harnack-E Sub Mowing/B Harnack-E Sub Mowing/B Harnack-Well 6 Mowing/B Harnack-Well 6 Mowing/B Harnack-Well 4 Mowing/B Harnack-Well 4 Mowing/More...
019749	CK	7/15/2010	28.00	547 CHARTER COMMUNICATIONS	Charter-Office Intenet/Charter-Office Intenet/Charter-Office Intenet/Charter-Office Intenet/Charter-Office Intenet
019750	CK	7/15/2010	1,038.66	591 AUXIANT	Auxiant-Medical Claims/Auxiant-Medical Claims/Auxiant-Medical Claims/Auxiant-Medical Claims/Auxiant-Medical Claims



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019751	CK	7/15/2010	140.00	634 SUSAN MEYERS	S Meyers-Pub Ben #15/S Meyers-Pub Ben #15
019752	CK	7/15/2010	150.00	639 ANNE BOYLE	A Boyle-Pub Ben #15/A Boyle-Pub Ben #15
019753	CK	7/15/2010	50.00	640 RONALD DOBIE	R Dobie-Pub Ben #15/R Dobie-Pub Ben #15
019754	CK	7/15/2010	4.78	864 AUTO-WARES WISCONSIN INC.	Auto-Wares-Oil & Fluid/Auto-Wares-Oil & Fluid
019755	CK	7/15/2010	129.48	560 KEVIN CLIFTON	K Clifton-Customer refund/K Clifton-Customer refund
019756	CK	7/15/2010	68.31	642 DOUGLAS & JENNIFER DETTLAFF	D Dettlaff-Customer Refund/D Dettlaff-Customer Refund
019757	CK	7/15/2010	25.15	646 RICHARD & JAMIE MARIE PROCTOR	R Proctor-Customer Refund/R Proctor-Customer Refund
019758	CK	7/15/2010	1,378.97	647 JOHN & REBECCA SCHELLER	J Scheller-Customer Refund/J Scheller-Customer Refund
019759	CK	7/21/2010	374.84	101 PROFESSIONAL PLACEMENT	Prof Place-Collection Fees/Prof Place-Collection Fees
019760	CK	7/21/2010	142.50	102 ALERE TOXICOLOGY SERVICES INC	Alere-Drug Testing/Alere-Drug Testing
019761	CK	7/21/2010	74.02	148 FASTENAL CO.	Fastenal-V-Belts-nuts-bolts/Fastenal-V-Belts-nuts-bolts
019762	CK	7/21/2010	332.50	157 FORSTER ELEC. ENG. INC.	Forster-Sub Station inter/Forster-Sub Station inter
019763	CK	7/21/2010	4,615.25	166 INKWORKS, INC.	Inkworks-Pub Ben #1/Inkworks-Pub Ben #1/Inkworks-Pub Ben #1/Inkworks-Pub Ben #1
019764	CK	7/21/2010	79.09	184 CAPITAL CITY INTL., INC	Capital City-Trk #2 Repairs/Capital City-Trk #2 Repairs
019765	CK	7/21/2010	23.24	266 AIRGAS NORTH CENTRAL	Airgas-Co2 for Repairs/Airgas-Co2 for Repairs
019766	CK	7/21/2010	910.08	290 MID-WEST TREE & EXCAVATION, IN	Mid-West-Trenching/Mid-West-Trenching/Mid-West-Trenching/Mid-West-Trenching/Mid-West-Trenching/Mid-West-Trenching

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

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Check Nbr	Type	Date	Amount Paid	Vendor ID / Name	Description
019767	CK	7/21/2010	30.00	405 ROSENBAUM CRUSHING & EXCAV.	Rosenbaum-Dump Fee/Rosenbaum-Dump Fee
019768	CK	7/21/2010	185.85	474 UNIFIED NEWSPAPER GROUP	Unif Newspaper-Ads/Unif Newspaper-Ads
019769	CK	7/21/2010	1,950.00	550 FIRST SUPPLY MADISON	First Supply-Inventory/First Supply-Inventory
019770	CK	7/21/2010	975.40	555 WOLF PAVING & EXCAVATING CO.	Wolf Paving-Black Top/Wolf Paving-Black Top/Wolf Paving-Black Top/Wolf Paving-Black Top
019771	CK	7/21/2010	45.00	584 VINING SPARKS IBG	Vining Sparks-Safekeeping/Vining Sparks-Safekeeping
019772	CK	7/21/2010	10,352.24	591 AUXIANT	Auxiant-Medical Claims/Auxiant-Medical Claims/Auxiant-Medical Claims/Auxiant-Medical Claims/Auxiant-Medical Claims
019773	CK	7/21/2010	350.60	598 CONANT AUTOMOTIVE INC	Conant-Trk #16 Repairs/Conant-Trk #16 Repairs
019774	CK	7/21/2010	220.00	644 PAYMENT REMITTANCE CENTER	Pymt Rem Ctr-Wi WW/Pymt Rem Ctr-Wi WW/Pymt Rem Ctr-Wi WW/Pymt Rem Ctr-Wi WW
019775	CK	7/21/2010	3,739.39	644 PAYMENT REMITTANCE CENTER	Pymt Rem Ctr-Coacher Corner/Pymt Rem Ctr-Coacher Corner/Pymt Rem Ctr-Coacher Corner/Pymt Rem Ctr-Conference/Pymt Rem Ctr-Conference/Pymt Rem Ctr-CDW/Pymt Rem Ctr-CDW/Pymt Rem Ctr-CDW/Pymt Rem Ctr-Paypal+
019776	CK	7/21/2010	4,429.25	727 GLS UTILITY LLC	GLS - June locates/GLS - June locates/GLS - June locates/GLS - June locates
019777	CK	7/21/2010	153.28	759 STATE COLLECTION SERVICE, INC.	State Coll-Collection Fees/State Coll-Collection Fees
019778	CK	7/21/2010	200.00	867 SUGAR & SPICE EATERY	Sugar & Spice-Meal/Sugar & Spice-Meal
019779	CK	7/21/2010	27.06	906 ALLIANT ENERGY	Alliant-Water Tower/Alliant-Water Tower/Alliant-Water Tower
019780	CK	7/21/2010	10,552.00	995 MEUW	MEUW-Member dues/MEUW-Member dues/MEUW-Member dues/MEUW-Member dues



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019793	CK	7/27/2010	3,290.73	591 AUXIANT	Auxiant-Medical Claims/Auxiant-Medical Claims/Auxiant-Medical Claims/Auxiant-Medical Claims
019794	CK	7/28/2010	13,210.18	191 WI. RETIREMENT SYSTEM	WI Ret Sys-July Retirement/WI Ret Sys-July Retirement/WI Ret Sys-July Retirement/WI Ret Sys-July Retirement
019795	CK	7/30/2010	6,206.64	741 FEARING'S AUDIO-VIDEO SECURITY	Fearings-Security camera/Fearings-Security camera/Fearings-Security camera/Fearings-Security camera
100370	CK	7/21/2010	1,001,471.16	009 WPPI	WPPI-shared savings/WPPI-shared savings/WPPI-Renewable energy/WPPI-Renewable energy/WPPI-Solar buy back credit/WPPI-Solar buy back credit/WPPI-Lg Power billing/WPPI-Lg Power billing
100371	CK	7/21/2010	257.67	220 LAB SAFETY SUPPLY, INC.	Lab Safety-Safety signs/Lab Safety-Safety signs
100372	CK	7/21/2010	42.00	310 HANSON PEST MANAGEMENT	Hanson Pest.Pest Maint/Hanson Pest.Pest Maint
			<b>Company Total</b>		
					1,571,424.12

# DRAFT STOUGHTON UTILITIES COMMITTEE MEETING MINUTES

Monday, July 19, 2010 – 5:00 p.m.

Edmund T. Malinowski Room

Stoughton Utilities Administration Office

600 S. Fourth St.

Stoughton, Wisconsin

**Members Present:** Alderperson Carl Chenoweth, Citizen Member David Erdman, Citizen Member Jonathan Hajny, Citizen Member Angie Halverson, Alderperson Eric Hohol, Mayor Donna Olson, and Alderperson Steve Tone.

**Excused:** None.

**Absent:** None.

**Others Present:** WPPI Energy Director of Rate Services Tim Ament, City Attorney Matthew Dregne, Stoughton Utilities Finance and Administrative Manager Kim Jennings, CPA, Stoughton Utilities Director Robert Kardasz, P.E., and WPPI Energy Rate Analyst Mallory Stanford.

**Call To Order:** Mayor Donna Olson called the regular Stoughton Utilities Committee meeting to order at 5:00 p. m.

**Stoughton Utilities Payments Due List:** Stoughton Utilities Director Robert Kardasz presented and discussed the Stoughton Utilities Payments Due List. Discussion followed. Motion by Citizen Member David Erdman, seconded by Alderperson Carl Chenoweth, to approve the Stoughton Utilities Payments Due List as presented and recommend its approval to the Stoughton Common Council on July 27, 2010. The motion carried unanimously.

**Stoughton Utilities Committee Consent Agenda:** Stoughton Utilities Director Robert Kardasz presented and discussed the Stoughton Utilities Committee Meeting Consent Agenda Items. Discussion Followed. Alderperson Steve Tone requested that the Stoughton Utilities May 2010 Financial Statement be removed from the Consent Agenda. Motion by Alderperson Carl Chenoweth, seconded by Citizen Member David Erdman, to approve the following consent agenda items as presented: Draft Minutes of the June 15, 2010 Regular Meeting of the Stoughton Utilities Committee, Stoughton Utilities May 2010 Statistical Information, Stoughton Utilities Communications, Stoughton Utilities Committee Annual Calendar, Stoughton Utilities June 2010 Activities Report, and the Status of the June 15, 2010 recommendations to the Stoughton Common Council. The motion carried unanimously.

## **Stoughton Utilities Management Team Verbal Report:**

Stoughton Utilities Director Robert Kardasz explained that Stoughton Utilities will host an open house on September 21, 2010 from 8:00 a.m. to 6:00 p.m. to commemorate National Public Power Week.

# DRAFT STOUGHTON UTILITIES COMMITTEE MEETING MINUTES

Monday July 19, 2010 – 5:00 p.m.

Page No. 2

Stoughton, WI

**Stoughton Utilities May Financial Summary:** Alderperson Steve Tone discussed the wastewater financial summary and the appropriateness of the current rate structure. Discussion followed. Motion by Alderperson Carl Chenoweth, seconded by Alderperson Steve Tone to initiate a wastewater rate review to become effective in the first quarter of 2011 and to receive a status report at the August 16, 2010 Stoughton Utilities Committee Meeting. Carried unanimously.

**Stoughton Utilities Bad Debt Write-Offs History:** Stoughton Utilities Director Robert Kardasz and Stoughton Utilities Finance and Administrative Manager Kim Jennings presented and discussed the Stoughton Utilities Bad Debt Write-Offs history. Discussion followed. Alderperson Steve Tone expressed his appreciation for the information and requested that the history be expanded in 2011 when appropriate.

**Wisconsin Public Service Commission Rate Making Guidance:** Stoughton Utilities Director Robert Kardasz and Stoughton Utilities Finance and Administrative Manager Kim Jennings introduced WPPI Energy Director of Rate Services Tim Ament and WPPI Energy Rate Analyst Mallory Stanford who presented and discussed rate making and the current electric rate review. Discussion followed.

Citizen Member Jonathan Hajny excused himself from the meeting at 5:50 p.m.

**Stoughton Utilities Committee Governance:** Stoughton Utilities Director Robert Kardasz introduced City Attorney Matthew Dregne who presented and discussed the Stoughton Utilities Committee governance efforts from November 16, 2009 through February 15, 2010. Discussion followed.

Motion by Alderperson Steve Tone to approve the following ordinance amendment and recommend the proposed ordinance amendment to the Stoughton Common Council on July 27, 2010:

## CITY OF STOUGHTON ORDINANCE NO. \_\_\_\_\_

AN ORDINANCE AMENDING SECTIONS 2-526, 2-527, 2-528, 2-529, 2-530, 74-3 AND 74-4 OF  
THE MUNICIPAL CODE  
OF THE CITY OF STOUGHTON, DANE COUNTY, WISCONSIN  
RELATED TO MANAGEMENT OF THE ELECTIC, WATER  
AND WASTEWATER UTILITIES

# DRAFT STOUGHTON UTILITIES COMMITTEE MEETING MINUTES

Monday, July 19, 2010 – 5:00 p.m.

Page No. 3

Stoughton, WI

*The City Council of the City of Stoughton, Dane County, Wisconsin, do ordain that the Municipal Code of the City of Stoughton, Wisconsin is amended as follows:*

*The title of Chapter 2, Division 11 is amended to read:*

## **DIVISION 11. UTILITIES COMMITTEE**

*Sections 2-526 through 2-530 are amended as follows:*

### **Sec. 2-526. Composition.**

The utilities committee shall consist of the mayor, three at large members of the common council appointed annually by the mayor and confirmed by the council and three city residents appointed by the mayor and confirmed by the council for three-year staggered terms, one for one year, one for two years, one for three years, and thereafter for three-year terms. The committee will elect an alderperson to be the liaison and an alternate liaison with the city council annually at its first regularly scheduled meeting after the council reorganization meeting. Citizen members shall serve with such compensation as determined by the city council by resolution from time to time.

### **Sec. 2-527. Organization.**

The utilities committee shall annually at its first regularly scheduled meeting after the council reorganization ~~elect~~choose a chair and vice chair from its members. The committee shall meet regularly once a month and at such times within the month as the committee shall determine.

### **Sec. 2-528. Rules.**

The city council may make the rules for the government and conduct of business by the utilities committee.

### **Sec. 2-529. Record; Report.**

The utilities committee shall keep a public record of its proceedings. The utilities committee shall report to the city council each month.

### **Sec. 2-530. Responsibilities, Powers and Duties.**

The utilities committee, ~~under shall serve in an advisory capacity to the direction of the common council, shall have oversight of all on matters related to public electric, water and wastewater utilities and be vested with all powers and charged with all duties prescribed~~such matters relating thereto as are requested by statute and the city common council.

*Sections 74-3 and 74-4 are amended as follows:*

**DRAFT STOUGHTON UTILITIES COMMITTEE MEETING MINUTES**

**Monday, July 19, 2010 – 5:00 p.m.**

**Page No. 4**

**Stoughton, WI**

**Sec. 74-3. Management of Utilities.**

- (a) The electric utility, the wastewater utility, and the water utility shall be separate utilities, all of which shall be under the supervision and operated by the ~~utilities committee which shall have all of the powers of the utility commission provided for by § 66.0805(6), Wis. Stats.~~ common council pursuant to Wis. Stat. § 66.0807(6).
- (b) ~~The utilities committee shall choose from among their number a chair and vice chair. They~~ The common council may command the services of the utilities director and fix the compensation of such subordinates as shall be necessary. ~~They may make rules for their own proceedings and for the government of their department. They~~ The common council shall keep books of account, in the manner and form prescribed by the public service commission, which shall be open to the public.

**Sec. 74-4. Utilities Director.**

The utilities director shall have charge of the electric utility, wastewater utility and the water utility, under the supervision of the common council. The utilities director shall be appointed ~~by the utilities committee~~ subject to confirmation by the common council.

*The foregoing ordinance was duly adopted by the City Council of the City of Stoughton at a meeting held on \_\_\_\_\_, \_\_\_\_\_.*

CITY OF STOUGHTON

\_\_\_\_\_  
, Jim Griffin Donna Olson, Mayor

(seal)

\_\_\_\_\_  
Luann Alme, City Clerk

ENACTED: \_\_\_\_\_

PUBLISHED: \_\_\_\_\_

Motion died for a lack of a second.



# DRAFT STOUGHTON UTILITIES COMMITTEE MEETING MINUTES

Monday, July 19, 2010 – 5:00 p.m.

Page No. 5

Stoughton, WI

Motion by Alderperson Eric Hohol, seconded by Citizen Member David Erdman to approve the following ordinance amending Sections 2-526, 2-527, 2-528, 2-529, 2-530, 74-3 and 74-4 of the Municipal Code of Ordinances related to the management of the Electric, Water, and Wastewater Utilities and recommend the proposed ordinance amendment to the Stoughton Common Council on July 27, 2010:

## CITY OF STOUGHTON ORDINANCE NO. \_\_\_\_\_

AN ORDINANCE AMENDING SECTIONS 2-526, 2-527, 2-528, 2-529, 2-530, 74-3 AND 74-4 OF  
THE MUNICIPAL CODE  
OF THE CITY OF STOUGHTON, DANE COUNTY, WISCONSIN  
RELATED TO MANAGEMENT OF THE ELECTIC, WATER  
AND WASTEWATER UTILITIES

*The City Council of the City of Stoughton, Dane County, Wisconsin, do ordain that the Municipal Code of the City of Stoughton, Wisconsin is amended as follows:*

*The title of Chapter 2, Division 11 is amended to read:*

### **DIVISION 11. UTILITIES COMMITTEE**

*Sections 2-526 through 2-530 are amended as follows:*

#### **Sec. 2-526. Composition.**

The utilities committee is created pursuant to Wis. Stat. § 66.0805(6). and shall consist of the mayor, three at large members of the common council appointed annually by the mayor and confirmed by the council and three city residents appointed by the mayor and confirmed by the council for three-year staggered terms, one for one year, one for two years, one for three years, and thereafter for three-year terms. The committee will elect an alderperson to be the liaison and an alternate liaison with the city council annually at its first regularly scheduled meeting after the council reorganization meeting. Citizen members shall serve with such compensation as determined by the city council by resolution from time to time. Citizen members shall be deemed to be city officers, pursuant to Wis. Stat. § 62.09(1)(a).

#### **Sec. 2-527. Organization.**

The utilities committee shall annually at its first regularly scheduled meeting after the council reorganization choose a chair and vice chair from its members. The committee shall meet regularly once a month and at such times within the month as the committee shall determine.

#### **Sec. 2-528. Rules.**

# DRAFT STOUGHTON UTILITIES COMMITTEE MEETING MINUTES

Monday, July 19, 2010

Page No. 6

Stoughton, WI

The city council may make the rules for the government and conduct of business by the utilities committee.

Sec. 2-529. **Record; Report.**

The utilities committee shall keep a public record of its proceedings. The utilities committee shall report to the city council each month.

Sec. 2-530. **Responsibilities, Powers and Duties.**

The utilities committee, under the direction of the council, shall have oversight of all public electric, water and wastewater utilities and be vested with all powers and charged with all duties prescribed by statute and the city council.

*Sections 74-3 and 74-4 are amended as follows:*

Sec. 74-3. **Management of Utilities.**

- (a) The electric utility, the wastewater utility, and the water utility shall be separate utilities, all of which shall be under the supervision and operated by the utilities committee which shall have all of the powers of officers appointed to operate public utilities pursuant to the utility commission provided for by § 66.0805(6), Wis. Stats.
- (b) The utilities committee shall choose from among their number a chair and vice-chair. They may command the services of the utilities director and fix the compensation of such subordinates as shall be necessary. They may make rules for their own proceedings and for the government of their department. They shall keep books of account, in the manner and form prescribed by the public service commission, which shall be open to the public.

Sec. 74-4. **Utilities Director.**

The utilities director shall have charge of the electric utility, wastewater utility and the water utility. The utilities director shall be appointed by the utilities committee subject to confirmation by the common council.

*The foregoing ordinance was duly adopted by the City Council of the City of Stoughton at a meeting held on \_\_\_\_\_, \_\_\_\_\_.*

CITY OF STOUGHTON

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# DRAFT STOUGHTON UTILITIES COMMITTEE MEETING MINUTES

Monday, July 19, 2010

Page No. 7

Stoughton, WI

Donna Olson, ~~Jim Griffin~~, Mayor

(seal)

\_\_\_\_\_  
Luann Alme, City Clerk

ENACTED: \_\_\_\_\_

PUBLISHED: \_\_\_\_\_

The motion passed 4 to 1 and one abstention with Alderperson Carl Chenoweth, Citizen Member David Erdman, Mayor Donna Olson and Alderperson Eric Hohol voting Aye, Alderperson Steve Tone voting No, and Citizen Member Angie Halverson abstaining

**WPPI Energy And Stoughton Utilities GreenMax Home Tour:** Stoughton Utilities Director presented and discussed the WPPI Energy and Stoughton Utilities GreenMax Home tour. Discussion followed. Thursday was selected by the Stoughton Utilities Committee for a future GreenMax Home tour.

## **Stoughton Utilities Committee Future Agenda Items:**

- Stoughton Utilities Governance on August 16, 2010.
- Stoughton Utilities wastewater rate review status report on August 16, 2010.
- Stoughton Utilities wastewater financial objectives report on August 16, 2010.
- Stoughton Utilities Customer Collections Status Report on September 20, 2010.
- Stoughton Utilities Investment Policy.

**Adjournment:** Motion by Alderperson Carl Chenoweth, seconded by Citizen Member David Erdman, to adjourn the Regular Stoughton Utilities Committee Meeting at 7:33 p.m. The motion carried unanimously.

Respectfully submitted,

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

# Stoughton Utilities

## Financial Summary

June 2010 - YTD

### Highlights-Comparison to prior month

*I have no concerns with the utility's financial status. The following items are meant to illustrate significant changes in the financial summary from prior periods.*

Electric and water rate of return calculations continue to rise as expected for the month of June. Phase II of the water rate increase is planned for September 1, 2010. The new water tower will be tested and placed in service by August 13, 2010. An application to adjust electric rates, on-peak period and PCAC has been submitted to the Public Service Commission.

Wastewater rates continue to be appropriate for current operations. No changes are expected for 2010.

Submitted by:  
Kim M. Jennings, CPA

## Stoughton Utilities

Income Statement

June 2010 - YTD

	<b>Electric</b>	<b>Water</b>	<b>Wastewater</b>	<b>Total</b>
Operating Revenue:				
Sales	\$ 5,581,694	\$ 599,385	\$ 824,079	\$ 7,005,158
Unbilled Revenue	1,184,505	124,728	163,174	1,472,407
Other	95,981	26,310	36,858	159,150
<b>Total Operating Revenue:</b>	<b>\$ 6,862,180</b>	<b>\$ 750,423</b>	<b>\$ 1,024,111</b>	<b>\$ 8,636,715</b>
Operating Expense:				
Purchased Power	\$ 5,291,706	\$ -	\$ -	\$ 5,291,706
Expenses	617,597	319,478	398,017	1,335,092
Taxes	206,322	128,176	11,963	346,461
Depreciation	405,000	175,002	327,498	907,500
<b>Total Operating Expense:</b>	<b>\$ 6,520,624</b>	<b>\$ 622,656</b>	<b>\$ 737,479</b>	<b>\$ 7,880,759</b>
<b>Operating Income</b>	<b>\$ 341,556</b>	<b>\$ 127,767</b>	<b>\$ 286,633</b>	<b>\$ 755,955</b>
Non-Operating Income	53,736	23,729	34,377	111,842
Non-Operating Expense	(159,284)	(57,022)	(71,256)	(287,561)
<b>Net Income</b>	<b>\$ 236,009</b>	<b>\$ 94,474</b>	<b>\$ 249,754</b>	<b>\$ 580,236</b>

## Stoughton Utilities

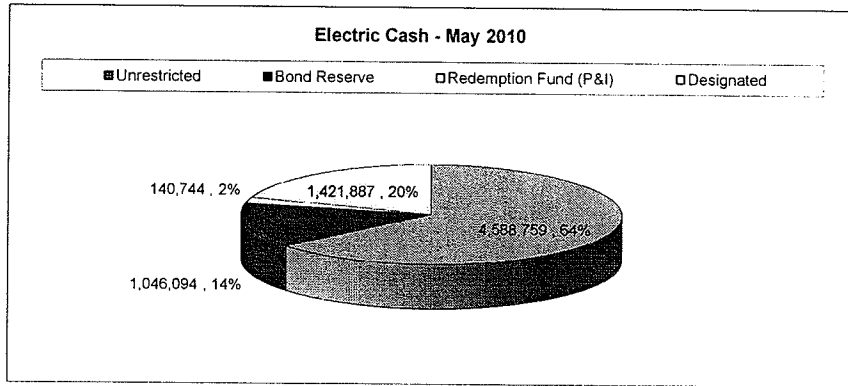
Rate of Return  
June 2010 - YTD

	<b>Electric</b>	<b>Water</b>
<b>Operating Income (Regulatory)</b>	\$ 341,556	\$ 127,767
Average Utility Plant in Service	20,609,069	9,259,837
Average Accumulated Depreciation	(8,010,152)	(3,230,053)
Average Materials and Supplies	141,456	32,263
Average Regulatory Liability	(321,324)	(496,310)
Average Net Rate Base	\$ 12,419,049	\$ 5,565,737
<b>Actual Rate of Return</b>	<b>2.75%</b>	<b>2.30%</b>
<b>Authorized Rate of Return</b>	<b>6.50%</b>	<b>6.50%</b>

**Stoughton Utilities**  
Cash & Investments

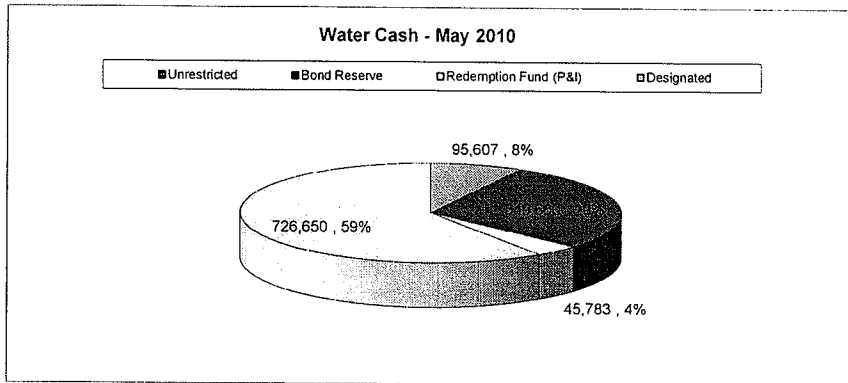
**Electric May-10**

Unrestricted	4,588,759
Bond Reserve	1,046,094
Redemption Fund (P&I)	140,744
Designated	1,421,887
<b>Total</b>	<b>7,197,484</b>



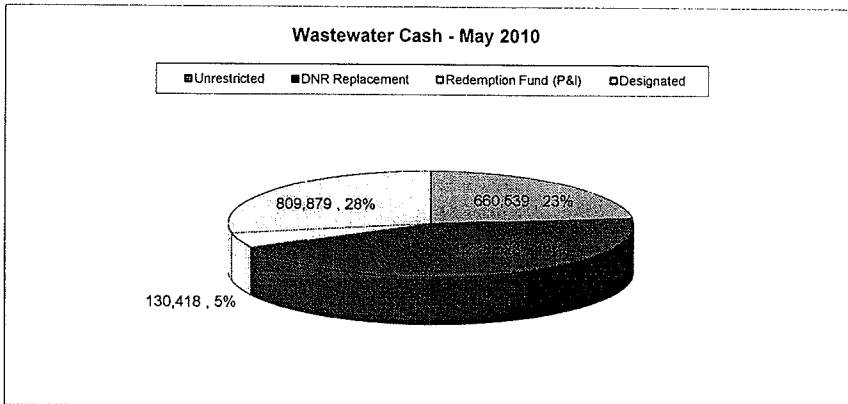
**Water May-10**

Unrestricted	95,607
Bond Reserve	349,660
Redemption Fund (P&I)	45,783
Designated	726,650
<b>Total</b>	<b>1,217,700</b>



**Wastewater May-10**

Unrestricted	660,539
DNR Replacement	1,278,523
Redemption Fund (P&I)	130,418
Designated	809,879
<b>Total</b>	<b>2,879,358</b>



## Stoughton Utilities

Balance Sheet

June 2010 - YTD

<b>Assets</b>	<b>Electric</b>	<b>Water</b>	<b>WW</b>	<b>Total</b>
Cash & Investments	\$ 7,197,484	\$ 1,217,700	\$ 2,879,358	\$ 11,294,542
Customer A/R	1,365,294	149,627	156,597	1,671,518
Other A/R	52,127	4,454	55,404	111,985
Other Current Assets	351,517	175,451	2,383	529,351
Plant in Service	21,437,723	9,614,604	21,658,323	52,710,650
Accumulated Depreciation	(8,629,889)	(3,129,609)	(6,932,730)	(18,692,229)
Plant in Service - CIAC	2,300,529	5,406,105	-	7,706,634
Accumulated Depreciation-CIAC	(521,624)	(1,267,111)	-	(1,788,736)
Construction Work in Progress	389,673	1,485,463	156,209	2,031,345
<b>Total Assets</b>	<b>\$ 23,942,833</b>	<b>\$ 13,656,683</b>	<b>\$ 17,975,544</b>	<b>\$ 55,575,060</b>
<b>Liabilities + Net Assets</b>				
A/P	\$ 1,342,288	\$ 1,341	\$ 40	\$ 1,343,669
Taxes Accrued	139,998	118,998	-	258,996
Interest Accrued	76,704	19,172	19,724	115,600
Other Current Liabilities	256,624	125,236	102,924	484,784
Long-Term Debt	6,788,539	3,048,112	4,795,454	14,632,106
Net Assets	15,338,680	10,343,823	13,057,403	38,739,905
<b>Total Liabilities + Net Assets</b>	<b>\$ 23,942,833</b>	<b>\$ 13,656,683</b>	<b>\$ 17,975,544</b>	<b>\$ 55,575,060</b>



**STOUGHTON UTILITIES**  
**2010 Statistical Worksheet**

<b>Electric</b>	<b>Total Sales 2009 Kwh</b>	<b>Total Kwh Purchased 2009</b>	<b>Total Sales 2010 Kwh</b>	<b>Total Kwh Purchased 2010</b>	<b>Demand Peak 2009</b>	<b>Demand Peak 2010</b>
January	12,528,674	12,758,970	11,313,409	12,490,465	23,808	22,951
February	10,571,338	10,791,222	10,605,387	10,853,221	22,476	21,538
March	10,411,495	10,924,959	11,051,543	10,924,733	20,628	19,872
April	9,495,456	9,712,939	9,537,605	9,718,010	18,831	18,418
May	9,562,688	9,566,446	10,423,798	11,065,367	19,032	29,494
June	10,864,926	11,370,009	11,996,858	12,234,744	31,849	28,518
July						
August						
September						
October						
November						
December						
<b>TOTAL</b>	<b>63,434,577</b>	<b>65,124,545</b>	<b>64,928,600</b>	<b>67,286,540</b>		

<b>Water</b>	<b>Total Sales 2009 Gallons</b>	<b>Total Gallons Pumped 2009</b>	<b>Total Sales 2010 Gallons</b>	<b>Total Gallons Pumped 2010</b>	<b>Max Daily High 2009</b>	<b>Max Daily Highs 2010</b>
January	35,308,000	38,020,000	33,859,000	39,294,000	1,412,000	1,577,000
February	32,547,000	35,089,000	33,256,000	35,907,000	1,514,000	1,405,000
March	35,418,000	38,686,000	39,191,000	41,037,000	1,448,000	1,572,000
April	35,288,000	36,844,000	34,331,000	37,386,000	1,401,000	1,502,000
May	38,050,000	37,591,000	36,955,000	42,138,000	1,484,000	1,588,000
June	34,117,000	39,112,000	39,246,000	42,591,000	1,538,000	1,918,000
July						
August						
September						
October						
November						
December						
<b>TOTAL</b>	<b>210,728,000</b>	<b>225,342,000</b>	<b>216,838,000</b>	<b>238,353,000</b>		

<b>Wastewater</b>	<b>Total Sales 2009 Gallons</b>	<b>Total Treated Gallons 2009</b>	<b>Total Sales 2010 Gallons</b>	<b>Total Treated Gallons 2010</b>	<b>Precipitation 2009</b>	<b>Precipitation 2010</b>
January	31,580,000	40,200,000	26,338,000	39,334,000	0.87	0.84
February	26,896,000	38,307,000	25,768,000	33,586,000	1.77	0.74
March	28,348,000	53,160,000	29,115,000	41,700,000	6.91	1.39
April	29,403,000	49,536,000	25,835,000	41,032,000	4.93	5.26
May	33,157,000	48,610,000	26,896,000	41,485,000	2.61	3.84
June	28,747,000	41,693,000	26,507,000	38,734,000	4.30	6.73
July						
August						
September						
October						
November						
December						
<b>TOTAL</b>	<b>178,131,000</b>	<b>271,506,000</b>	<b>160,459,000</b>	<b>235,871,000</b>	<b>21.39</b>	<b>18.80</b>



**Stoughton Utilities**

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

*Serving Electric, Water & Wastewater Needs Since 1886*

**Date:** August 12, 2010  
**To:** Stoughton Utilities Committee  
**From:** Robert P. Kardasz, P.E.  
Stoughton Utilities Director  
**Subject:** Stoughton Utilities Communications.

- July 2010 Madison Magazine article “Green Living” regarding the GreenMax Home.
- July 16, 2010 e-mail of thanks from Bev Thompson of Broihahn Management.
- July 20, 2010 renewable energy challenge letters to Stoughton Utilities residential and business customers.
- July 23, 2010 memorandum from WPPI Energy Rates Analyst Tammy Freeman regarding typical electric bill comparisons.
- July 28, 2010 Field Visit Safety Inspection Report from Chris Belz.
- August 11, 2010 invitation to participate in the Green Max Home Tour.
- August 12, 2010 e-mail describing the Stoughton Utilities Summer Savings Challenge.
- August 2010 Customers First Coalition newsletter “The Wire.”

Encl.

cc: Sean O Grady  
Stoughton Utilities Operations Superintendent



Office 608-873-3379  
Fax 608-873-4878  
[stoughtonutilities.com](http://stoughtonutilities.com)



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## Green Living

From the energy you use in your home to the water that rejuvenates your lawn and garden to the way you clean your clothes, businesses are finding ways to help you be green. By Judy Dahl

SPECIAL PROMOTIONAL SECTION



When Madison attorneys John and Rebecca Scheller heard about WPPI Energy's GreenMax Home initiative, they jumped at the chance to apply. They were eager for the opportunity to meet their family's needs while being stewards of the environment.

Through the program, WPPI offered partial funding and consultation for building a net zero energy home in its service area. A net zero energy home is one with the potential to produce as much energy as it uses, through energy-efficient construction techniques and the use of renewable energy systems.

"We've worked closely with homeowners and their builders to incorporate efficiency in the designs," says **Jake Oelke**, assistant vice president of energy services at **WPPI Energy**, which is now on its third GreenMax project. "For instance, on one project we developed several computer models to determine the optimal window sizes and quantities."

The Schellers chose a lot in the Stoughton area, and with Shaw Building & Design, Inc., designed their home and submitted a proposal to WPPI, which chose it from among the bids submitted. The family moved into their home in late 2009, and as of this spring it was generating more energy than it consumed—35 percent more in May—with the excess returning to the local power grid.

Among its sustainable features, the home boasts two pole-mounted photovoltaic solar panels and two geothermal heat pumps that extract heat from the earth for heating, cooling and hot water. "But, surprisingly, most features are within the reach of the standard home builder or owner," says Oelke.

Builders use ordinary materials and building practices to construct the homes, with great attention to energy-saving details such as tight construction of the building shell. "We want to demonstrate that anyone can take steps to make their home more efficient; it's not just about technology, it's about lifestyle decisions," Oelke says. "All of the families we've worked with have been outstanding. They're true believers in sustainability and they open their homes for tours and help educate builders and homeowners on how to replicate the process."

The third GreenMax Home project, now under way in Upper Michigan, adds an additional sustainable element by renovating an existing home and reusing materials rather than building new. "It involves upgrades to the building shell, retrofitting the heating and cooling system to geothermic heat pump technology and installing a small-scale wind turbine," says Oelke.

GreenMax is just one of many energy-saving initiatives WPPI Energy has undertaken. "As a nonprofit, we're trying to keep costs under control for our members, which are 51 community-owned electrical utilities," says Oelke. "They share resources and own generation facilities to provide reliable, affordable electricity to more than 195,000 homes and businesses in Wisconsin, Upper Michigan and Iowa. Energy efficiency is a natural fit for them."

About three years ago WPPI's board approved a plan to roughly double its investment in helping member utilities manage energy and reduce waste. "My department alone has 20 people working one-on-one with our customers to

identify opportunities to be more efficient and advance their energy-saving projects, whether it's improvements to their buildings and operations or their technologies," says Oelke.

In Wisconsin and Michigan, utilities will be required to supply at least ten percent of electricity purchased by retail customers from renewable resources by 2015. WPPI Energy had sufficient resources in place to meet these requirements six years early, in 2009.

Energy efficiency and conservation efforts like these help keep costs down as energy rates rise. They can defer the need to construct expensive new power plants, reduce carbon footprints and limit future compliance costs if greenhouse gas regulations are enacted.

#### WISE USE OF WATER

Water rates are rising too, as our growing community puts increasing strain on our groundwater supplies. So the less we use in irrigating landscapes, whether it's your backyard, a company's grounds or a golf course, the more money we'll save—not to mention helping the earth.

"All the irrigation product manufacturers have come up with smart products that will save water," notes **Carl Dowse**, irrigation manager at **The Bruce Company**. "They saw the need over the last decade with the water shortages in certain areas of the country, like the irrigation ban in Georgia a couple of years ago. People realized, if we don't save water, we won't be able to water anything."

The Bruce Company started offering smart irrigation products about eight years ago. "The LEED certification program had come into play and water rates were going up, and we thought it would be the right thing for us to do," Dowse says. One of the biggest recent innovations is the weather-based sensor for irrigation systems. The Bruce Company has carried Hunter Industries' Solar Sync sensor for about 18 months now. "It lets you water based on the weather at your site," explains Dowse.

Solar Sync measures sunlight radiation and the temperature and adjusts irrigation systems accordingly. "It remembers the conditions for the past 14 days, and when I install it I tell it I'm in the Midwest, as opposed to the Southwest where you'd need more water," says Dowse. "It shuts off if it rains and keeps the system off until the sensor dries out. It's elevated above the ground and is made of a fiber material that dries at about the same rate soil does.

"For many years we installed what were called fully automatic irrigation systems. You'd set the days and times sprinklers should run, and you should have adjusted the controls weekly based on the weather," Dowse adds. "But after most people programmed their systems, they never changed them. And now they don't have to. Since late last year we're including the Solar Sync on every system. It's that important. It helps the user save water and thus money."

The Bruce Company uses Solar Sync on its grounds. "We estimate it saves us about 30 percent in water and dollars, so it'll have a payback period of about two years, if you look at its costs and the labor to install it," Dowse says.

The irrigation industry is constantly evolving, he notes. "The landscape irrigation industry really develops from the agricultural industry. They're really trying to save water as aquifers are being drawn down, like in the San Joaquin Valley in California where they're running out of water," he says.

"You used to see big sprinklers watering fruit crops, but now they use micro-irrigation drip systems, which put water right down to the root zone very slowly so there's no evaporation," he continues. "A spray-type sprinkler might be 65 percent efficient, but these are 90 percent or better."

The Bruce Company uses drip systems for shrubs and vegetable gardens. "We even use them for large potted plants like St. Mary's Hospital has in the middle of the sidewalk," says Dowse.

He predicts soil moisture sensors will be the next big thing, and he's ordered one from a manufacturer to test on a Bruce Company site. "You put sensors in the ground where the roots of a lawn or planting are, and the system waters only to the point the plant needs it," he says. "They're starting to become more available at lower costs. Four or five years ago they were extremely expensive and unreliable; it took lots of labor to adjust them.

"We're blessed in Wisconsin to have plenty of water now," he adds. "As we grow and usage picks up, we'll have to use it wisely or we won't have any to use."

#### NONTOXIC CLEANING

**Best Cleaners** uses water wisely in its dry-cleaning business. "It requires a considerable amount of water to keep our cleaning and drying machine cool, so we have a refrigerated system that recycles water in and out of the machine

instead of using city water, which most dry cleaners do, and then it goes down the drain," says owner John Whitley. "Recycling cuts our water usage significantly; that's partly why we were awarded the Wisconsin Business Friend of the Environment Award in 2005."

He's always aspired to run an environmentally friendly business. "I've worked in the dry-cleaning industry since 1974, so I started Best Cleaners in 1996 with a fair amount of experience in just about every process and quality standard. I was able to take the best things I'd found and use them in our operations," he says.

Much of the dry-cleaning industry uses perchloroethylene, or perc, as a cleaning solvent, which the EPA has said is a probable carcinogen, but Best Cleaners uses no petroleum-based products. In 2002 the organization switched to GreenEarth, a nontoxic, odorless, silicone-based solvent.

"The technology became commercially viable in about 2000, and I researched it and found it solved a lot of the problems I was seeing in the industry," says Whitley. "I had a lot of breathing problems when I was using perc—it's very pungent—but I haven't used an inhaler since switching to GreenEarth.

"Most people working for me are family members or friends, and I don't want to subject them to something that could cause cancer," he adds. "Apartments located above dry cleaners have had problems with birth defects, and the residues perc leaves in clothes can go into people's homes."

The GreenEarth solvent is more expensive. "It means you have to be careful how you use it, and not waste it," says Whitley. "But you don't have to abide by the regulations you do when using perc. Other dry cleaners produce a hazardous waste that they have to dispose of through a licensed waste hauler."

Prior to switching, Best Cleaners produced two thousand pounds of hazardous waste a year. "That probably would have doubled by now as our business has increased," Whitley notes. "Now I don't produce one drop."

It irks Whitley that some businesses call themselves green when they're not. "It's not just dry cleaners," he clarifies. "A business may be greener than the guy next door, but that doesn't mean it's really green. Some dry cleaners that use petroleum-based solvents—which still put emissions into the air and produce hazardous waste—say they're green, but they're not. It's greener than perc, but that's all."

Best Cleaners has a site in Middleton but does all its cleaning at its Raymond Road location. "It's part of our energy conservation to do all our work in one place. It's more efficient," says Whitley.

His delivery truck is a diesel-fueled Mercedes-Benz Sprinter that gets 25 miles per gallon. He estimates that's two to three times better than a comparable gas-fueled truck. "We'll probably buy a hybrid or electric vehicle when we need a new one," he says.

Whitley's grandchildren are a primary motivator to be green. "It's their environment; that's the reason we do this," he says. "And one of nice things about being in Madison is that, if you say you're going to do green things, the people support you."



Jake Oelke  
WPPI Energy



Carl Dowse  
The Bruce Company

\*SPECIAL PROMOTIONAL SECTION

## Robert Kardasz

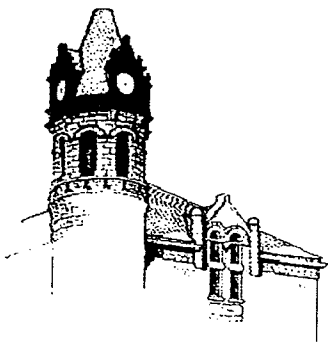
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**From:** Bev Thompson [bev@bmcmadison.com]  
**Sent:** Friday, July 16, 2010 9:40 AM  
**To:** Robert Kardasz  
**Subject:** Thank you!

Hi, Bob – just wanted to take a minute to thank you and your staff for the great job you're all doing. Enecia has been so helpful providing us with the information we need for Greenspire and its HUD required reporting information. Another member of your staff, Erin, should also be commended for her excellent work and the service she provided to our accountant, Kathy Olson. She thoroughly researched a situation and kept on it until it was resolved.

All of us at Greenspire Apartments and Broihahn Management want you to know we appreciate you and your staff's performance. Have a good weekend.

Bev Thompson  
Broihahn Management  
6200 Gisholt Dr., Suite 104  
Madison, Wi. 53713  
608 222 1981, ext. 2  
Fax: 608 441 8838  
[bev@bmcmadison.com](mailto:bev@bmcmadison.com)



CITY OF STOUGHTON  
381 East Main Street, Stoughton, WI. 53589  
(608) 873-6619      [www.ci.stoughton.wi.us](http://www.ci.stoughton.wi.us)

July 20, 2010

Dear Neighbor,

The demand for energy continues to grow in Wisconsin, the region and our nation. It has long been part of the mission of our locally owned and operated utility company — Stoughton Utilities (SU) — to promote energy savings and the use of environmentally responsible energy.

As you may know, SU has a voluntary program whereby electric customers in the city can support the use of clean, renewable energy resources to generate electricity. We are very proud of the participation in this program, which has earned the city national recognition for being a leader in the support of renewable energy.

In fact, we now have our very own renewable energy source right here in Stoughton. You may have noticed the solar photovoltaic electric system at the Stoughton Utilities building. This project was largely made possible through a grant from our community's power supplier, WPPI Energy. Local participation in the renewable energy program allows WPPI Energy to help make projects like this succeed.

We are proud of our local achievements and believe — as a community — we could do even more. Currently, SU customers purchase 3,771,600 kilowatt hours (kWh) of renewable electricity each year. This is equivalent to not burning over 1,600 tons of coal for the generation of electricity, removing 570 vehicles from the road and planting 630 acres of carbon dioxide-absorbing trees. These purchases have qualified Stoughton to be one of the first Environmental Protection Agency Green Power Communities in the Midwest and have earned the city national recognition for being a leader in the support of renewable energy. Now let's see what more we can do.

Please join us in supporting "green" power for as little as \$3 per month. By purchasing just one 300 kWh block of renewable energy for an additional \$3 each month for a year, you can provide a significant portion of your electric energy needs from renewable resources. This purchase also prevents 6,200 pounds of carbon dioxide from being emitted from the burning of fossil fuels each year.

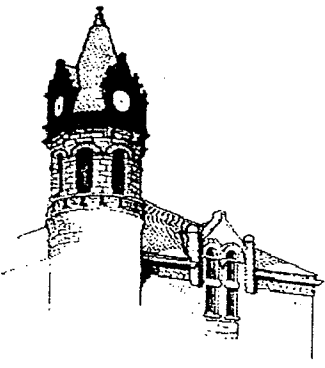
Your purchase, in addition to those of other SU customers, goes toward building and maintaining clean energy resources such as wind generators, solar photovoltaic systems, methane gas digesters and other new emerging renewable technologies. These resources will help meet our community's growing energy needs.

When we choose renewable energy, we are contributing to a brighter energy future for all. Use the enclosed form to join people just like you who have already chosen to make a difference.

Sincerely,

Donna Olson, Mayor  
City of Stoughton

Enclosure



CITY OF STOUGHTON

381 East Main Street, Stoughton, WI. 53589

(608) 873-6619

[www.ci.stoughton.wi.us](http://www.ci.stoughton.wi.us)

July 20, 2010

Dear Neighbor,

I write today to thank you in supporting the use of clean, green power through the renewable energy program offered by Stoughton Utilities (SU), our locally owned electric, water and wastewater treatment utility. Your participation in the program helps build and maintain clean energy resources that will help meet our community's growing energy needs.

We are proud of our local achievements and believe — as a community — we could do even more. Currently, SU customers purchase 3,771,600 kilowatt hours (kWh) of renewable electricity each year. This is equivalent to not burning over 1,600 tons of coal for the generation of electricity, removing 570 vehicles from the road and planting 630 acres of carbon dioxide-absorbing trees. These purchases have qualified Stoughton to be one of the first Environmental Protection Agency Green Power Communities in the Midwest and have earned the city national recognition for being a leader in the support of renewable energy. Now let's see what more we can do.

To continue with these efforts, we have our very own renewable energy source right here in Stoughton. You may have noticed the solar photovoltaic electric system at the Stoughton Utilities building. This project was largely made possible through a grant from our community's power supplier, WPPI Energy. Local participation in the renewable energy program allows WPPI Energy to help make projects like this succeed.

Please consider increasing the amount of renewable energy blocks you purchase each month. By purchasing just one more 300 kWh block of renewable energy to your already existing support, you are taking it to the next level in helping our community continue to be a national leader in the purchase of renewable energy.

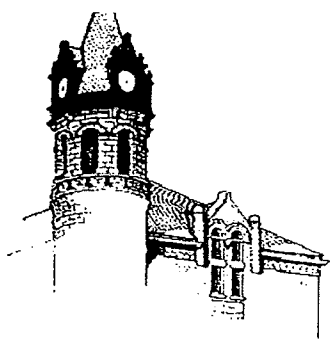
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Sincerely,

Donna Olson, Mayor  
City of Stoughton

Enclosure





CITY OF STOUGHTON  
381 East Main Street, Stoughton, WI. 53589  
(608) 873-6619      [www.ci.stoughton.wi.us](http://www.ci.stoughton.wi.us)

July 20, 2010

Dear Business Partner,

The demand for energy continues to grow in Wisconsin, the region and our nation. It has long been part of the mission of our locally owned electric, water and wastewater treatment utility – Stoughton Utilities (SU) – to promote energy savings and the use of environmentally responsible energy.

As you may know, SU has a voluntary program whereby electric customers in the city can support the use of clean, renewable energy resources to generate electricity. We are very proud of the participation in this program, which has earned the city national recognition for being a leader in the support of renewable energy.

Why would your business want to support the program? Studies show that people have a more favorable view of and are more likely to buy services from companies that show a concern for the environment. Whether you sell directly to consumers or to other businesses, your environmental commitment will contribute to your organization's success. As we lessen our dependence on traditional sources of electricity, we can help ensure the preservation of energy resources for tomorrow.

Please join us in supporting "green" power for a nominal fee each month. Your purchase, in addition to those of other electric customers, goes toward building and maintaining clean energy resources such as wind generators, solar photovoltaic electric systems, methane gas digesters and other new emerging renewable technologies. These resources will help meet our community's growing needs.

In fact, we also have our very own renewable energy source right here in Stoughton. You may have noticed the solar photovoltaic system at the Stoughton Utilities office. These 34 photovoltaic solar panels at the building on 4<sup>th</sup> Street will produce enough energy to power three energy-conscious homes every year. Participation in the renewable energy program help make projects like these succeed.

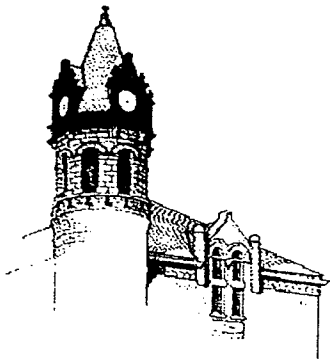
We are proud of our local achievements and believe – as a community – we could do even more. Currently, Stoughton Utilities customers purchase 3,771,600 kilowatt hours (kWh) of renewable electricity each year. This is equivalent to not burning over 1,600 tons of coal for the generation of electricity, removing 570 vehicles from the road and planting 630 acres of carbon dioxide-absorbing trees. These purchases have earned the city national recognition for being a leader in the support of renewable energy.

When we choose renewable energy, we are supporting local renewable energy projects and are contributing to a brighter energy future for all. Use the enclosed form to join local businesses that have already chosen to make a difference. With this purchase, your business name will be placed on a sizeable advertisement in the local newspaper listed along with the other businesses in the community who are also making a difference. Sign up before September 30 to be included!

Sincerely,

Donna Olson, Mayor  
City of Stoughton

Enclosure



CITY OF STOUGHTON

381 East Main Street, Stoughton, WI. 53589

(608) 873-6619

[www.ci.stoughton.wi.us](http://www.ci.stoughton.wi.us)

July 20, 2010

Dear Business Partner,

I write today to thank you in supporting the use of clean, green power through the renewable energy program offered by Stoughton Utilities (SU), our locally owned electric, water and wastewater treatment utility. Your participation in this program helps build and maintain clean energy resources that will help meet our community's growing energy needs and strengthen Stoughton's reputation as a home for green businesses now and in the future.

We are proud of our local achievements and believe – as a community – we could do even more. Currently, Stoughton Utilities customers purchase 3,771,600 kilowatt hours (kWh) of renewable electricity each year. This is equivalent to not burning over 1,600 tons of coal for the generation of electricity, removing 570 vehicles from the road and planting 630 acres of carbon dioxide-absorbing trees. These purchases have earned the city national recognition for being a leader in the support of renewable energy.

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Please consider increasing the amount of renewable energy blocks your business purchases each month. By purchasing just one more 300 kWh block of renewable energy to your already existing support, you are not only continuing to support “green” power, you are taking it to the next level in helping your community continue to be a national leader in the purchase of renewable energy. Through these accomplishments, your business is viewed as a “green” business and environmental steward.

When we choose renewable energy, we are supporting local renewable energy projects and are contributing to a brighter energy future for all. Use the enclosed form to increase your commitment toward making a difference in your community. If you increase your participation by September 30, your businesses name will be placed on a sizeable advertisement in the local newspaper listed along with the other businesses in the community who are also making a difference.

Sincerely,

Donna Olson, Mayor  
City of Stoughton

Enclosure

## MEMORANDUM

TO: WPPI Energy Member Managers

CC: Andy Kellen, Anne Rodriguez, Bev Lindquist, Dan Ebert, Jake Oelke, Lauri Isaacson, Mallory Stanford, Marty Dreischmeier, Melanie Juedes, Mike Stuart, Nicole Guld, Pat Connors, Peggy Jesion, Phil Hansen, Roy Thilly, Tim Ament, Tom Hanrahan, Tom Paque, Valy Goepfrich, WPPI Energy ESRs

FROM: Tammy Freeman

DATE: July 23, 2010

SUBJECT: *Typical Bill Comparison Summary*

Attached is a summary of the current typical bill comparison for WPPI Energy members. It compares members' current electric rates to comparable rates of the investor-owned utilities for standard usage of residential, commercial and large power/industrial customers. WPPI Energy's approved 2010 wholesale rates reflecting the 2010 projected operating results were used to estimate your average annual PCAC, if applicable. Your actual monthly PCAC will vary from this average annual estimate.

### Iowa Members

This comparison applies the current approved rates for Interstate Power & Light Co. and MidAmerican Energy Company. All associated surcharges or credits are also applied. The table below summarizes the most recent approved rate activity for the IOUs which are reflected in the typical bill comparison. We are also aware of one IOU rate proceeding pending with the Iowa Utility Board.

Investor-Owned Utility	Percent Change	Effective Date
Interstate Power & Light Co. (2011 interim rate adjustment)	10.00%	3/20/10
MidAmerican Energy Co.		3/1/99
Pending Rate Proceedings	Percent Proposed	Filed Date
Interstate Power & Light Co. (2011 rate adjustment) <sup>(1)</sup>	4.00%	3/10/10

(1) Interstate Power & Light Co. requested a rate increase of 14%. Iowa Utility Board (IUB) approved interim rates effective 3/20/10. Final decision is expected January 2011.

**Michigan Members**

This comparison applies the current approved rates for Detroit Edison Company (DTE Energy), Marquette Board of Light & Power, UPPCO, WE Energies, WPS and XCEL. All associated surcharges or credits are also applied. The table below summarizes the most recent approved rate activity for the IOUs which are reflected in the typical bill comparison. We are also aware of two IOU rate proceedings pending at the Michigan Public Service Commission.

<b>Investor-Owned Utility</b>	<b>Percent Change</b>	<b>Effective Date</b>
Detroit Edison Co. (2010 rate adjustment)	4.80%	1/26/10
Marquette Board of Light & Power (2010 rate adjustment)	3.50%	1/1/10
Upper Peninsula Power Co. (2010 rate adjustment)	7.00%	1/1/10
WE Energies (2010 rate adjustment – phase 1)	9.50%	2/2/10
(2010 rate adjustment – phase 2)	3.80%	7/2/10
Wisconsin Public Service (WPS)		10/10/07
XCEL Energy		7/1/09
<b>Pending Rate Proceedings</b>	<b>Percent Proposed</b>	<b>Filed Date</b>
Detroit Edison Co. (refund for 7/26/09 rate increase) <sup>(1)</sup>		4/1/10
Upper Peninsula Power Co. (2011 rate adjustment)	16.77%	6/30/10

(1) The Michigan Public Service Commission approved interim rates for Detroit Edison Co. on 7/26/09. The final order issued 1/21/10 approved a final rate increase of 4.8%, 1.2% lower than the interim rates. A plan will be developed to refund over collection from 7/26/09 – 1/26/10.

**Wisconsin Members**

This comparison applies the current approved rates for Alliant, MG&E, WE Energies, WPS and XCEL. All associated fuel surcharges or credits (excluding one-time adjustments) are also applied. The table below summarizes the most recent approved rate activity for the IOUs which are reflected in the typical bill comparison. We are also aware of three IOU rate proceedings pending at the Public Service Commission of Wisconsin.

<b>Investor-Owned Utility</b>	<b>Percent Change</b>	<b>Effective Date</b>
Alliant Energy <sup>(1)</sup> (2010 rate adjustment)	6.27%	1/1/10
(2010 interim fuel surcharge)	0.90%	6/10/10
Madison Gas & Electric (MG&E) <sup>(2)</sup> (2010 rate adjustment)	3.32%	1/1/10
WE Energies (2010 rate adjustment)	3.35%	1/1/10
(Point Beach sales credit adj.)	1.80%	1/1/10
(2010 interim fuel surcharge)	2.80%	3/25/10
Wisconsin Public Service (WPS) <sup>(3)</sup> (2010 rate adjustment)	0.00%	1/1/10
XCEL Energy (2010 rate adjustment) <sup>(4)</sup>	0.00%	1/1/10
<b>Pending Rate Proceedings</b>	<b>Percent Proposed</b>	<b>Filed Date</b>
Alliant Energy (2011 rate adjustment)	3.60%	4/30/10
Madison Gas & Electric (MG&E) (2011 rate adjustment)	9.42%	4/1/10
Wisconsin Public Service (WPS) (2011 rate adjustment)	6.90%	4/1/10

- (1) Not reflected in the Alliant comparison is a one-time fuel cost credit of \$0.00127 per kWh for 2009 fuel cost overcollection and accrued interest. This credit was applied to each customer's sales from 9/1/09-12/31/09 in each customer's May 2010 bill.
- (2) Not reflected in the MG&E comparison is a one-time fuel cost credit of \$0.00014 per kWh for 2009 fuel cost overcollection and accrued interest. This credit was applied to each customer's sales from 5/9/09-12/31/09 on bills mailed between 4/12/10-5/10/10.
- (3) WPS' 2010 rate increase of 1.8% was offset by a 2008 fuel refund liability and a portion of the estimated 2009 year-end fuel refund liability, resulting in a net change of 0%. Not reflected in the WPS comparison is a one-time fuel cost credit of \$0.01436 per kWh for 2008 and 2009 fuel cost overcollection and accrued interest. This credit was applied over the period 4/1/10-4/30/10.
- (4) XCEL Energy's 2010 rate increase of 1.2% was offset by a portion of the estimated 2009 year-end fuel refund liability, resulting in a net change of 0%. Not reflected in the XCEL comparison are two fuel cost refunds for 2009 overcollections which were one-time credits. The first one-time fuel cost credit of \$0.02476 per kWh was applied to each customer's sales from 2/16/10-3/15/10. The second one-time fuel cost credit of \$0.00210 per kWh was applied to each customer's sales from 6/1/10-6/30/10.

If you have any questions regarding this comparison, please let me know.

**STOUGHTON ELECTRIC UTILITY  
ELECTRIC RATE COMPARISON - BASED ON 2010 ESTIMATES  
MONTHLY BILL CALCULATION**

RATES	Stoughton (1)	WE Energies (2)	Percent Above or Below	Wisconsin Public Service (3)	Percent Above or Below	Alliant Energy (4)	Percent Above or Below	XCEL Energy (5)	Percent Above or Below	Madison Gas & Electric (6)	Percent Above or Below
<b>RESIDENTIAL</b>											
100 kWh	\$17.71	\$19.84	12.0%	\$17.52	(1.1%)	\$19.10	7.8%	\$17.85	0.8%	\$21.84	23.3%
500 kWh	\$38.55	\$68.82	77.5%	\$64.79	70.7%	\$64.80	70.7%	\$57.26	(2.2%)	\$74.42	27.1%
750 kWh	\$84.08	\$99.43	18.3%	\$94.34	12.2%	\$93.36	11.0%	\$81.89	(2.6%)	\$107.28	27.6%
1,000 kWh	\$109.60	\$130.04	18.6%	\$123.88	13.0%	\$121.93	11.2%	\$106.51	(2.8%)	\$140.14	27.9%
2,000 kWh	\$211.70	\$252.48	19.3%	\$242.06	14.3%	\$236.19	11.6%	\$205.03	(3.2%)	\$271.58	28.3%
<b>GENERAL SERVICE</b>											
4 kW 500 kWh (1-phase)	\$58.55	\$68.82	17.3%	\$65.70	12.2%	\$64.80	10.7%	\$57.26	(2.2%)	\$74.42	27.1%
16 kW 2,000 kWh (1-phase)	\$211.70	\$252.48	19.3%	\$241.05	13.9%	\$236.19	11.6%	\$205.03	(3.2%)	\$271.58	28.3%
30 kW 6,000 kWh (3-phase)	\$626.60	\$749.85	19.7%	\$711.65	13.6%	\$701.10	11.9%	\$623.87	(0.4%)	\$824.50	31.6%
40 kW 10,000 kWh (3-phase)	\$1,035.00	\$1,239.61	19.8%	\$1,179.25	13.9%	\$1,158.13	11.9%	\$926.59	(10.5%)	\$1,231.30	19.0%
<b>SMALL POWER SERVICE</b>											
150 kW 60,000 kWh (secondary)	\$5,359.50	\$5,581.77	4.1%	\$4,792.14	(10.6%)	\$5,204.90	(2.9%)	\$4,570.74	(14.7%)	\$6,137.50	14.5%
<b>LARGE POWER TOD SERVICE (7)</b>											
300 kW 120,000 kWh (secondary)	\$10,840.80	\$11,117.03	2.5%	\$9,553.78	(11.9%)	\$10,284.02	(5.1%)	\$9,438.60	(12.9%)	\$11,990.58	10.6%
500 kW 200,000 kWh (primary)	\$17,609.84	\$17,196.17	(2.3%)	\$15,571.57	(11.6%)	\$16,485.11	(6.4%)	\$15,174.52	(13.8%)	\$19,578.31	11.2%
1,000 kW 400,000 kWh (primary)	\$34,953.28	\$33,672.79	(3.7%)	\$28,280.54	(19.1%)	\$32,736.92	(6.3%)	\$30,135.19	(13.8%)	\$37,485.95	7.2%

- (1) STOUGHTON ELECTRIC UTILITY bills estimated using rates effective 1/2/07 and a projected 2010 PCAC of
- (2) WE Energies bills based on their approved 2010 rates and includes a Point Beach sales credit which varies by rate class and a fuel adjustment of
- (3) WPSC based on their approved 2010 rates and includes a fuel adjustment of
- (4) Alliant Energy based on their approved 2010 rates and includes a fuel adjustment of
- (5) XCEL Energy based on their approved 2009 rates and includes a fuel adjustment of
- (6) MG&E based on their approved 2009 rates and includes a fuel adjustment of
- (7) For TOU rates, on- and off-peak energy splits are adjusted to match the billing periods of each utility.

# Field Visit Safety Inspection Form

Community Stoughton Date: 7-28-2010 Time from: 10:15 To: 10:35

Department Observed: Electric

Employees Observed: Larry Donaldson and John Leigh

Safe Work Zone set-up Yes:  No:  DOT Pre-trip done: Yes:  No:   
(Including the use of high visibility clothing)

Comments: Looked really good. If traffic is heavier you may consider a few more cones in the buffer zone

Proper Truck Placement: Yes:  No:  Proper Equipment: Yes:  No:

Comments: \_\_\_\_\_

Proper PPE: Yes:  No:  N/A:  Pictures of field visit: Yes:  No:

Comments: Both employees were wearing hard hats, safety glasses, safety boots and traffic vests

Proper forms completed when applicable: Yes:  No:

Comments: NA

General safe work practices observed: Both employees were aware of work zone hazards and took the proper precautions to abate hazards

Safety related suggestions made to employees: If traffic is heavier you may consider a few more cones in the buffer zone since on a highway with speeds over 45 mph. Consider a shadow vehicle as well if traffic is heavy

DCOMM or OSHA Regulation Referenced: M.U.T.C.D.

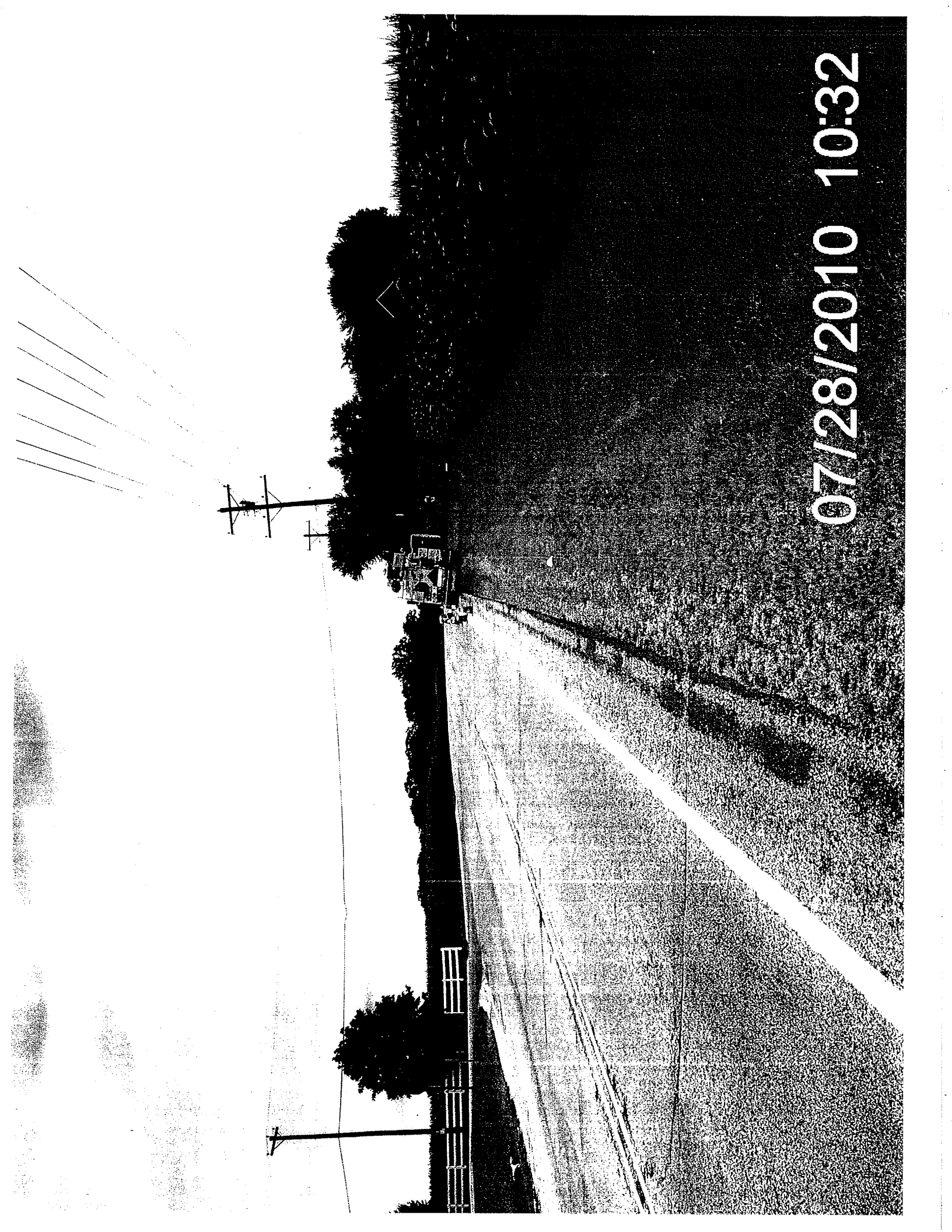
Additional Comments or concerns: Crew did very well. Good Job!

Report Completed By: Chris Belz



07/28/2010 10:17





07/28/2010 10:32



07/28/2010 10:32



**Stoughton Utilities**

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

*Serving Electric, Water & Wastewater Needs Since 1886*

August 11, 2010

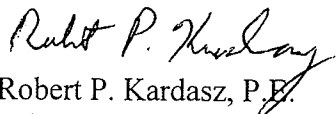
Dear Mayor Donna Olson, and Members of the Stoughton Common Council and Stoughton Utilities Committee:

I am writing you today to invite you to join your fellow Stoughton Common Council and Stoughton Utilities Committee Members, Stoughton Utilities staff, and WPPI Energy representatives for a tour of the Green Max Home located at 1102 Lake Kegonsa Road. Tours have been scheduled for our governing bodies on September 9, 2010 from 5:00 p.m. until 7:00 p.m.

John and Rebecca Scheller have designed and constructed a 4,000 square-foot home with ordinary materials and building practices with careful attention to energy-saving details such as insulation and air sealing, two geothermal heat pumps to provide space conditioning and domestic hot water, and onsite solar photovoltaic systems to harness energy from the sun, while attaining a net zero energy use. The Scheller home is the first in the region and the second in Wisconsin to achieve such energy status, and has been featured nationally in trade journals.

You may register for this tour up until August 31, 2010 by contacting Erin Bothum at 877-7418. Please contact me at 877-7423 or at [bkardasz@stoughtonutilities.com](mailto:bkardasz@stoughtonutilities.com) if you have any questions regarding this tour.

Sincerely,  
STOUGHTON UTILITIES

  
Robert P. Kardasz, P.E.  
Utilities Director

cc: Erin N. Bothum  
Stoughton Utilities Billing and consumer Services Technician



Office 608-873-3379  
Fax 608-873-4878  
[stoughtonutilities.com](http://stoughtonutilities.com)



## Robert Kardasz

---

**From:** Brian Hoops  
**Sent:** Thursday, August 12, 2010 12:30 PM  
**To:** Jim.Petersen@wisconsin.gov  
**Cc:** Sean Grady; Robert Kardasz; Kim Jennings; Alicia VandenOever - WPPI  
**Subject:** RE: Information on Stoughton Program

Mr. Petersen:

Stoughton Utilities' *Summer Savings Challenge* is an energy conservation promotion, funded by Commitment to Community energy conservation funds, that encourages Stoughton Utilities electric customers to conserve energy. All households that reduce their energy consumption by 15% or more compared to this time last year receive a \$25 bill credit. The top three participants that save the most energy as a percentage of their previous year's usage receive a \$50 bill credit. There is no penalty if the customer fails to meet the 15% reduction goal. Prior year's participants are welcome to participate again.

The challenge period runs from July 1, 2010 through September 30, 2010 (92 billing days [32, 30, 30]) and is compared to the period of July 1, 2010 through September 30, 2010 (92 billing days [33, 29, 30]). In past years the challenge ran for only one month, however we found that weather played too large of a factor and therefore decided to stretch the challenge into a longer period where temperatures should average out.

Participation is voluntary and required a signup form to be returned. This form was mailed to all customers as an envelope stuffer with their utility statement issued on June 8, 2010. 698 customers elected to participate, and final conservation results will be tallied in early October. At the beginning of the challenge, all participating households are informed of the exact number of kWh they will need to conserve in order to qualify. Energy conservation tips are mailed and phoned to all participating households throughout the challenge period.

In 2009 we ran a similar *Summer Savings Challenge* which included a challenge period of August 1 through August 31, 2009. We had 1,208 households participate and 442 (36%) reached the 15% reduction goal and received a \$25 bill credit. No additional credit was awarded to the top participants. Electric consumption for the entire pool of 1,208 customers was reduced by 207,594 kWh, or 16%.

In 2008 we ran a similar *Summer Savings Challenge* which included a challenge period of August 1, 2008 through August 31, 2008. We had 138 households participate and 92 (67%) reached the 15% reduction goal and received a \$25 bill credit. No additional credit was awarded to the top participants. Electric consumption for the entire pool of 138 customers was reduced by 34,287 kWh, or 24%.

From our promotional materials:

*In addition to saving energy, Stoughton Utilities hopes to engage our customers in energy conservation efforts that will affect their lifestyle and encourage them to continue to live a more energy conscious life. Conserving energy helps to reduce the need for power and more power plants. It is much more cost effective to save electricity than it is to build a new power plant.*

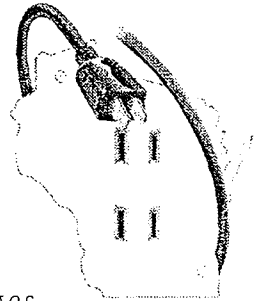
*And, conserving energy will do more than just lower the electric bill. Energy conservation is important because it is everyone's responsibility to be eco-friendly and help mitigate our energy problems. Saving energy is one of the smartest and most cost-effective things we can do.*

Please let me know if you require any additional information.

Brian Hoops  
Office and Information Systems Supervisor

A Coalition  
to preserve  
Wisconsin's  
Reliable and  
Affordable  
Electricity

# Customers First!




Plugging you in to electric industry changes

608/286-0784 • P.O. Box 54 • Madison, WI 53701 • [www.customersfirst.org](http://www.customersfirst.org) • AUGUST 2010 • Vol. 15, No. 8

## Regulators rate scenario non-rosy

A survey by a major consulting firm has found state utility regulators expect increasing cost pressure on energy prices, playing against customers' diminished ability to pay.

More than eight in 10 state utility regulators responding to a nationwide survey by the Deloitte Center for Energy Solutions said they fear a collision between electric rates driven higher by regulatory and capital costs and consumers' diminished capacity to continue paying more.

Former Wisconsin and federal utility commissioner Branko Terzic, now with Deloitte, said almost 70 percent of surveyed commissioners regarded consumer prices as a leading barrier to the addition of more renewable energy capacity. 

## Retirement age?

Arguments are shaping up before Wisconsin's Public Service Commission (PSC) in response to its inquiry into excess generating capacity and the possibility of mothballing or retiring some of the state's older power plants.

At the heart of issues now being grappled with is the question whether the PSC's existing authority extends to ordering plant retirements.



The inquiry had its origins in a WE Energies rate case resolved by the commission last year. Comments filed in that case by the Citizens Utility Board (CUB) suggested costs to ratepayers could be reduced if WE would mothball generation units, given its projected excess capacity over the coming decade.

In response, the commission solicited comments early this summer in a new docket (see Docket Number 5-EI-150 at the commission's website.

<http://psc.wi.gov/>) for an "Investigation on the Commission's Own Motion to Review Potential Excess Capacity in Electric Generating Units Owned by Wisconsin Electric Utilities."

The PSC notes suggestions that mothballing or retiring some existing electric generating plants could reduce ratepayer costs or could become economically

prudent in view of anticipated climate and air-quality regulations.

In comments filed on the July 8 deadline, the Sierra Club said the PSC has authority to order any

Continued on page 3...

## DOE salutes Vickerman

*Customers First!* board member Michael Vickerman has been honored by the U.S. Department of Energy (DOE) for his tireless work advocating wind energy development in Wisconsin and the Midwest.

Vickerman, of Madison, is executive director of RENEW Wisconsin, a nonprofit organization organized to promote clean energy by identifying barriers to renewable energy development and creating strategies to overcome them.

In June, at the DOE Wind Powering America Program's annual state summit, Vickerman received the Midwest Regional Wind

Advocacy Award. The presentation took place following the WINDPOWER 2010 Conference and Exhibition in Dallas, Texas. At the event, Wind Powering America recognized wind energy advocates in three regions across the country: East, West, and Midwest.

The award cites Vickerman's "vision and creative leadership in RENEW and his leadership of the Wisconsin Wind Working Group." Under the auspices of Wind Powering America, RENEW Wisconsin has been facilitating the Wisconsin Wind Working Group since 2007.

Continued on page 2...



THE WIRE is a monthly publication of the *Customers First!* Coalition—a broad-based alliance of local governments, small businesses and farmers, environmental groups, labor and consumer groups, retirees and low-income families, municipal electric utilities, rural electric cooperatives, wholesale suppliers, and an investor-owned utility. *Customers First!* is a coalition dedicated to preserving Wisconsin's reliable and affordable electricity.

If you have questions or comments about THE WIRE or the *Customers First!* Coalition, please call 608/286-0784.



## KEEPING CURRENT

With CFC Executive Director Matt Bromley

The Public Service Commission of Wisconsin is in the process of establishing standards that specify the conditions that a local unit of government may impose on wind energy systems in the state. The agency was assigned this task by a law that passed the State Legislature last year.

The *Customers First!* Coalition supported the new wind siting legislation and believes the upcoming PSC rule will help promote greater use of renewable energy that is cost-effective and beneficial to ratepayers. Overly restrictive local ordinances have stalled many wind projects or have made them economically unviable. More certainty and uniformity in the permitting process will help hold down costs for ratepayers as utilities move toward meeting the state's mandated renewable energy standard.



Bromley

In our comments to the agency on the proposed rule, we point out that without access to wind resources in different geographic locations, including locations in the state, utilities will not have as much flexibility in selecting cost-effective, efficient renewable energy sources for power generation. Geographically dispersed wind energy systems help overcome wind power variability thereby decreasing the uncertainty of total wind output which should reduce associated costs of meeting load.

We also encourage the PSC to give serious consideration to the recommendations that come from the Wind Siting Council. The council was established as part of the wind siting law to provide advice and input to the agency during the rule-making process. Its members represent diverse stakeholders including wind developers, affected landowners, environmentalists, public health officials, and representatives of local government and the energy industry. Through an open, inclusive, and deliberate process, the council is looking at the issues involving the placement, construction, operation, and decommissioning of wind turbines.

The safe operation of a wind system should be of foremost importance, but we caution the PSC from promulgating a rule that is too rigid and prescriptive. For example, it may not make sense to apply a certain minimum setback distance to smaller or community wind systems or for those in which an adjoining property owner consents to a shorter distance.

The commissioners have a daunting task in front of them. Thousands of pages of written comments have been filed and three days of public testimony have been heard on the proposed rule. Interests and opinions are varied and passionate. Our hope is that commissioners approve a wind siting rule that is based on sound science, protects public health and welfare, and provides for cost-effective renewable generation. 💡

## Vickerman

Continued from page 1...

"Recognition by one's peers is a tremendous honor," Vickerman said. "And it's especially sweet coming from a national program that serves wind energy advocacy and education networks in 38 states."

Wind Powering America is a national initiative to dramatically increase the use of wind energy in the United States. Through various partnerships and programs, it aspires to enhance power generation options as well as protect the local environment and increase our energy and national security.

"We in Wisconsin are indebted to Wind Powering America for providing us with the

tools to put wind energy development in our state on a sustainable growth trajectory," Vickerman said. 💡

### Energy saver tip

The right landscaping around your house can not only enhance the value of the property, it can help save money on cooling costs. Strategically placed shade trees can shave a few degrees off interior temperatures on hot days, and shading the outdoor central air-conditioning condenser can save significant amounts of energy use, compared with a unit that's exposed to blazing sunlight. 💡

# Yucca Mountain project still not dead...

You probably thought the Yucca Mountain nuclear waste repository was history. We sure did. But a federal panel of administrative law judges says the Department of Energy doesn't have the authority to abandon its licensing application for the facility, so regulatory proceedings will evidently continue.

Ironically, by the reasoning of the Atomic Safety and Licensing Board (ASLB), the same

## Retirement?

Continued from page 1...

regulated utility to retire or mothball "certain excess, inefficient units as a condition of receiving construction authority on its other units."

The Sierra Club said the PSC "should hold technical hearings on the issue of what units can be retired/mothballed/replaced with energy efficiency, renewables, and high efficiency natural gas units" and then, based on its findings, issue a declaratory ruling that would be binding on utilities "for subsequent rate or construction cases unless the ruling is modified by the Commission."

Comments filed by Dairyland Power the same day say the existing surplus capacity appears to be at least in part a result of the recession, and, "In the event of an economic turnaround, the reduction in electric demand could be quickly reversed."

The state then could face a need to replace retired generation capacity, and, "Recent history shows that it is difficult, time-consuming, and expensive to site and permit new capacity, even if that capacity is renewable," the Dairyland comments said.

Comments filed by a group including the state's investor-owned and municipal utilities said the Legislature granted the PSC authority over utilities' acquisition, construction, and modification of power plants but not over their continuing operation or shutdown.

The utilities maintained that the PSC has historically addressed excess capacity through ratemaking, assigning costs to shareholders rather than ratepayers. They contend that this undermines the suggestion. "The Commission must have the authority to directly order the shutdown of an electric generating facility or else issues of excess capacity would go unaddressed." ☀

federal law the government has fallen short of observing for the past 12 years prohibits it from walking away from the Yucca Mountain project.

The administrative law judges of the ASLB are responsible for holding hearings and granting or denying licensure of storage facilities for spent power-plant fuel. Early last month, they concluded it was not up to the Department of Energy (DOE) to pull out of the project as it petitioned to do in March.

The board ruled that the federal Nuclear Waste Policy Act of 1982 spells out the procedures for siting a national spent-fuel repository and the DOE, charged with carrying out that law, fails to do so if it backs away from its existing license application.

Yucca Mountain was selected from among 10 potential sites and designated as the national repository in 2002—a little more than four years after the Nuclear Waste Policy Act deadline for a repository to be built and accepting spent fuel for long-term storage.

In March, DOE Secretary Steven Chu filed a motion to withdraw the agency's license application, which had already undergone almost two years of regulatory review. The ASLB's July decision said the 1982 law "does not give the secretary the discretion to substitute his policy for the one established by Congress, adding, "DOE may not single-handedly derail the legislated decision-making process by withdrawing the application."

The ASLB decision can be appealed to the full, five-member Nuclear Regulatory Commission. Moreover, the Obama administration, along with congressional leadership, had already defunded the project, so Yucca Mountain is not going to be licensed or completed any time soon.

However, absent a reversal of the ASLB ruling, the Yucca Mountain licensure proceedings look to be on track to have a half-life rivaling that of the stuff that could be buried there if the facility ever goes into operation. ☀

## Once burned...

Another flirtation with electric restructuring came to an end this summer—more quietly than in Connecticut (where legislation was passed and vetoed) but no less decisively.

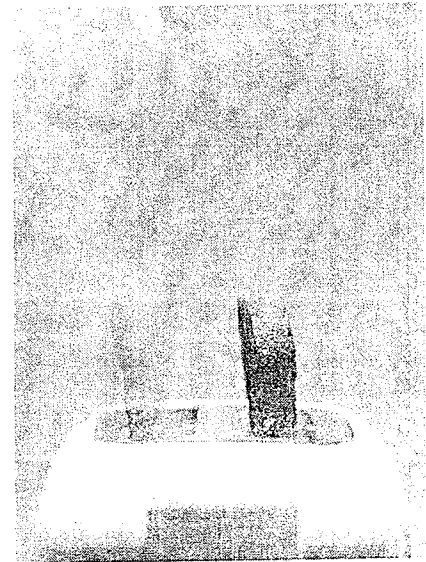
A proposal that would supposedly improve Michigan's 1990s restructuring law was being promoted by some of the state's business interests, but lawmakers quit and went home in June without taking up the bill.

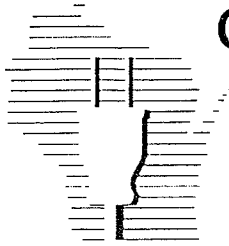
The measure would have greatly expanded the scope of retail competition—or at least that was its aim. Under existing law, 10 percent of any given utility's load can go shopping for an alternative supplier. That's to protect the utilities against the cost to serve rising against a shrinking customer base. The legislation would have raised the cap to make 25 percent of load eligible for retail competition.

It was marketed with enthusiasm. Dozens of Michigan businesses and industries wrote to Governor Jennifer Granholm and legislative leaders saying, "all but a few consumers are now forced to pay higher electric rates" to incumbent utilities than the rates available in the competitive marketplace.

There's not much reason to doubt that. The problem is that Michigan's restructured market, the 10-percent cap notwithstanding, suffers from the same problem other states have seen: the tendency for whatever competition does exist to be directed toward the biggest-volume users, leaving residential customers out in the cold.

That was not a problem the legislation would have fixed. It stayed in committee and was never brought before either house of the Michigan Legislature. ☀



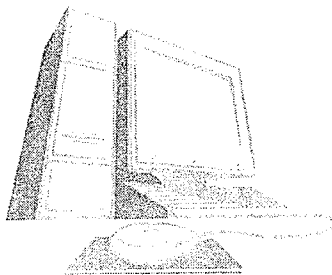


# Customers First!

P.O. Box 54  
Madison, WI 53701

A Coalition  
to preserve  
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Be sure  
to check out the  
Customers First!  
web site at



**[www.customersfirst.org](http://www.customersfirst.org)**



## Quotable Quotes

*"I am particularly pleased that the award specifically recognizes RENEW Wisconsin, which has been the state's leading voice for strong renewable energy policies since 1991. Wisconsin is a regional leader in many aspects involving renewable energy, and RENEW Wisconsin has been instrumental in making that happen."*

*—Customers First! Coalition board member Mike Vickerman, on receiving the Midwest Regional Wind Advocacy Award from the U.S. Department of Energy in Dallas, Texas, June 4, 2010*

Help us share our messages with others. If you know of businesses or organizations that would like to learn more about protecting Wisconsin's reliable and affordable electricity, please feel free to copy and share with them all or part of this newsletter, or you can call 608/286-0784 to arrange an informational meeting.

**Customers First!**  
Plugging Wisconsin In







**Stoughton Utilities**

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

*Serving Electric, Water & Wastewater Needs Since 1886*

**Date:** August 12, 2010  
**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.

August 16, 2010	Regular Meeting - Tour North Electric Substation
September 9, 2010	Green Max Home Tour
September 16-17, 2010	WPPI Energy (WPPI) Annual Conference in Green Bay
September 19-25, 2010	Public Power Week
September 20, 2010	Regular Meeting - Approve the Stoughton Utilities Non-Represented employees wage adjustments and recommend them to the Stoughton Personnel Committee and the Stoughton Common Council Customer - Collections Status Report
October 6, 2010	WPPI Energy Orientation in Sun Prairie
October 17, 2010	Special Meeting - Conduct hearings for the 2009 Tax Roll Nomination
October 17, 2010	Regular Meeting - Stoughton Utilities Goals Status Report
October 19-22, 2010	Wisconsin Wastewater Operators Association (WWOA) Annual Conference in Wisconsin Dells
November 15, 2010	Regular Meeting - Tour Well No. 5 and Reservoir
December 17, 2010	Stoughton Utilities Holiday Open House



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[stoughtonutilities.com](http://stoughtonutilities.com)

December 20, 2010	Regular Meeting - Stoughton Utilities RoundUp Donation
January 17, 2011	Regular Meeting - Approve Declarations of Official Intent(s)
February 14, 2011	Regular Meeting - Discuss Stoughton Utilities 2010 Accomplishments
February 22-24, 2011	American Public Power Association Legislative Rally in Washington, D.C.
March 14, 2011	Regular Meeting - Stoughton Utilities 2010 Annual Audit and Management Letter Presentation discussion, approval and recommendation to the Common Council - Stoughton Utilities Tax Stabilization Dividends discussion, approval, and recommendation to the Common Council - Customer Collections Status Report - Review Wisconsin Public Service Commission Annual Electric and Water Reports
March 22, 2011	Common Council - Stoughton Utilities 2010 Audit and Management Letter Presentation and Approval - Accept Stoughton Utilities Tax Stabilization Dividends Recommendation
March 23-25, 2011	Wisconsin Rural Water Association Annual Conference in Green Bay
April 18, 2011	Regular Meeting - Annual Meeting at the wastewater treatment facility - Review Drinking Water Consumer Confidence Report (CCR) - Annual Stoughton Utilities Goals Discussion and Approval
May 1-7, 2011	Drinking Water Week
May 4, 2011	WPPI Energy Orientation Meeting in Sun Prairie
May 16, 2011	Regular Meeting - First Regular Meeting after the Common Council Reorganization Meeting - Elect Committee Chair and Vice Chair - Annual Studies Discussion - Tour Stoughton Utilities Building
June 8-10, 2011	Municipal Electric Utilities of Wisconsin (MEUW) Annual Conference in Stevens Point

June 20, 2011 Regular Meeting - Approve and recommend the Wastewater Compliance Maintenance Annual Report (CMAR) and Resolution to the Common Council - Approve and recommend the annual write-offs to the Common Council - Stoughton Utilities RoundUp Donation

June 24, 2011 Municipal Electric Utilities of Wisconsin (MEUW) Sixth Annual Lineman's Rodeo in Oconomowoc

June 28, 2011 Common Council Meeting - Approve Compliance Maintenance Annual Report (CMAR) and adopt the corresponding resolution - Approve annual write-offs

July 18, 2011 Regular Meeting

cc: Sean O Grady  
Stoughton Utilities Operations Superintendent



## Stoughton Utilities Activities Reports

July 2010

### ADMINISTRATION – Utilities Director Robert P. Kardasz, P.E.

Seasonal activities continued on the electric and water distribution systems, the sanitary sewer collection system, and in the office where your staff continues to work with customers fulfilling their financial obligations. Electric system reconstruction, manhole reconstruction, sanitary sewer main flushing and televising, water main corrective work, and system maintenance continued as scheduled. Construction is nearing completion on the East Water Tower Project.

### ACCOUNTING – Utilities Accounting and Administrative Manager Kim M. Jennings, CPA

#### **Accomplishments:**

- Work order processing and closing.
- Wastewater cash flow analysis and rate review.
- Monthly reporting for WI Clean Transportation Program contract.
- Review of daily cash transactions.
- Investment sales/purchases and income tracking.
- Monthly account reconciliation, reporting and billing statistics for June 2010.

#### **In Progress:**

- Working with WPPI Energy to review electric division revenue requirements and cost of service by customer class.
- Participating in WPPI Energy committee to review CIS software solutions (through August).
- Preparing 2011 Budget.
- Monthly account reconciliation and reporting for July 2010.

**CUSTOMER SERVICES AND INFORMATION TECHNOLOGIES DIVISION – Utilities  
Office and Information Systems Supervisor Brian R. Hoops**

**Activities & Accomplishments:**

- Brian Hoops continued to work with WPPI Energy's Information Technology Advisory Group on the preferred C.I.S. software vendor selection and smart metering.
- Brian received and is reviewing bill-print samples for our outsourcing of billing and mailing functions pilot.
- Brian worked with Charter Internet Services between July 12<sup>th</sup> and July 22<sup>nd</sup> on numerous connection issues including our connection to WPPI Energy hosted billing and accounting systems as well as the internet. Towards the end of that time our internet was only available less than 40% of the time. Charter technicians were dispatched to our location seven times before they replaced a 'tap' upstream from our location and finally resolved the issues.
- Brian worked with AT&T throughout the month to correct erroneous long-distance charges on our T1 circuit. Credits have been received; however billings are still incorrect upon receipt and are being resolved.
- Brian worked with WPPI Energy's Alicia VandenOever to provide a home energy audit for a low-income family whose bills are nearly \$300 per month. During several visits to the home it was found that the indoor temperature was set below 70°, windows and doors were left wide open while the air conditioning was on, two older refrigerators were running in the kitchen, and there were seven television sets in the home. We offered numerous conservation suggestions and hope that the family is able to follow-through to lower their usage.
- Brian worked with WKOW 27 News 'Call for Action' to resolve numerous complaints from the family detailed above. In the end, WKOW determined that SU has gone above and beyond all reasonable expectations.
- Four customer inquiries/complaints were filed with the Wisconsin Public Service Commission during the month of July, all of which have been closed with rulings that SU acted appropriately. One claim with the City was filed against SU, with a ruling from CIVMIC, the Finance Committee, and the Common Council that our actions were proper and appropriate.
- Erin Bothum and Enecia Sabroff participated in an APPA provided webinar titled "Keeping low income customers connected." This webinar provided an opportunity to hear what other utilities are doing during their collection months and allowed us the opportunity to share what we do.
- Enecia continued to pursue payments for delinquent accounts. Customers continue to contact us regularly to make arrangements to satisfy their past-due accounts to avoid service disconnection.

- Over 98.5% of deposits requested in 2010 have been either collected or waived, with less than \$3,000 still to be paid in monthly installments. In addition, Enecia requested 40 new deposits from customers who have been disconnected in 2010 as a result of non-payment. These were all two-month deposits and totaled \$10,241.
- Erin completed the monthly utility billing as well as issued 146 final-billings for customers who have moved from their prior addresses.
- Staff provided account consumption histories for all Stoughton Housing rental units at Greenspire Apartments as well as at other various rental locations throughout town.
- Staff continues to work with customers to assist in lowering monthly bills through awareness and conservation. The first month of the 2010 Summer Savings Challenge has passed, with two more to go.
- Staff completed the fourth round of disconnections for non-payment on July 14 with field staff being dispatched to approximately the same number of residences as in June. Despite numerous heat-advisories in Wisconsin that day, Dane County was not affected, which is what the WI PSC requires to cancel disconnection. In addition, the maximum and average daily temperature did not qualify for disconnection cancelation per SU's policies. Regardless, staff and Police dispatch were instructed to reconnect any customer who indicated they required reconnection for health purposes without collection of funds.
- Staff is anticipating increased collection contacts and disconnections in August due to summertime household activities that cause bills to be overlooked and forgotten. As a result, we initiated an additional automated reminder call to households prior to mailing August disconnection notices.
- Staff processed 8,676 payments totaling \$1,506,481, including 5,385 checks, 398 credit cards, 540 online E-Pay payments, 1,826 automated bank withdrawals, and \$23,916 in cash.
- Staff processed utility billing and collections, accounts payable, payroll, and daily cash deposits.
- Staff continues to follow the pre-defined 2010 calendar. All summer collections activity will follow this schedule barring any heat-related delays.
- Staff used a bunch of vacation time to get out and enjoy the weather.

**LINE DIVISION AND PLANNING DIVISION – Utilities Operations Superintendent Sean O Grady**

**ATC:** Staff has been working with the ATC engineering department updating plant records for feeders currently owned by Stoughton Utilities (SU) and under built on ATC owned poles.

**Charter Communications:** A verbal request to attach a fiber line from USH 51 South on USH 138 West has been received by our office. Pole loading calculations along with clearances are currently being evaluated by staff and a final analysis will be provided upon receipt of additional data from Charter.

**Town Of Pleasant Springs:** Staff completed the annual application for Road Opening and Encumbrance Permit with the Township. Of the five Townships we serve, this is the only Township that requires such permitting.

**Hybrid Bucket Truck Replacements:** The first unit is scheduled to be received in August and the second unit is scheduled to deliver in December. Staff is currently working on advertisements for the sale of our trade-in units.

**Fleet Replacements:** Two trucks were ordered (one already delivered) that will replace units approaching 12 years of service in our fleet. One unit will be placed in the Water Division and the other unit will go to the Electric Division.

**Capital Improvement Plans:** Our Capital Improvement Plans have been reviewed and updated in accordance to our current growth rates. Until we see significant load growth, we have been able to delay some of our projects planned over the next couple of years.

**East Side Elevated Tank Project:** A preliminary walk-through and punch list was generated for the general contractor. SCADA suppliers, electrical contractors and painters were on site this month. The tank has been approved for filling and is scheduled to be placed in service the first week of August provided safe water samples are received from the State Laboratory of Hygiene.

**Furseth Road Water Tower:** We remain on schedule to have the Furseth Road Water Tower drained and painted this year.

**East Side Water Main Project:** We completed a walkthrough of the project with Smithback Brothers and the paving sub contractor and generated a punch list item for the general contractor to complete before a final payment will be processed by our office. Most noticeable items are excessive weeds in the seeded areas and an unacceptable pavement patch along Race Track Road. We continue to work with the paving contractor, reviewing alternatives and have requested a Street Departments determination.

**Midwest Tree and Excavation:** Crews continue to stay ahead of new construction service requests. We replaced overhead with underground facilities along 7<sup>th</sup> Street in preparation for the future removal of the former Highway Trailers Building.

**Sullivan Construction:** Baring no new challenges, we should be able to close out the contract in August.

**Stoughton Trailers/Millfab:** Staff continues to work with both companies with alternatives to provide secondary metering at the Stoughton Trailers building located along 8<sup>th</sup> Street. Millfab is interested in renting the building from Stoughton Trailers and the current voltage serving the property is not conducive to Millfabs equipment and requires an electrical upgrade.

**Spring/Summer Reconstruction Projects:** Crews recently completed four pole line reconstruction project located along Geihler Dr., Country Club Road, Duncan Street and Giles Street. Crews will be working on system maintenance projects, underground inspection and starting a three-phase pole line upgrade located along West Main Street in August.

**Manhole Rehabilitation:** Staff recently met with a local vendor, SpectraShield that offers an alternative to replacing failing manholes. The alternative is a sprayed-on liner that adheres to the interior walls of the manhole. Manholes are kept in service and there is no costly pavement restoration. We anticipate proceeding with a reduced cost pilot project that the vendor would periodically showcase to potential clients.

#### **WASTEWATER DIVISION – Utilities Wastewater System Supervisor Brian G. Erickson**

Plant Maintenance: Staff took down one of three final clarifiers for tank maintenance and painting. Working on several pump issues throughout the plant. Digester waste gas burner will be replaced with a new stainless steel unit, along with new control valves.

Sanitary Sewer Collection System: The Van Buren Street project is completed. We replaced several old manhole castings with new water tight castings. Forest Construction repaired a collapsed sewer on Forton Street. We found a major leak in our collection system on Dunkirk Avenue which we estimated at 40,000 gallons of clear water per day.

Working with our MEUW safety coordinator Chris Belz on our safety policies. We are also working with Chris on some minor safety issues at the plant.

The recent heavy rain events had minimal effects at the wastewater plant and collection system. The plant had an instantaneous peak of 8.0 million gallons with an average daily flow of 4.5 million gallons per day (MGD). The normal flow at the plant is about 1.3 MGD. We received a few calls with basements flooding however we found the rain had come in through the foundations or walls of the basements.

Infrared Testing: The insurance carrier (CVMIC) provided a company without charge to perform preventive maintenance infrared testing on our equipment. We tested over 140 pieces of equipment at the wastewater plant, wells and water tower. The company found one minor problem with one piece of equipment that is being resolved.



The precipitation for the month was 8.91 inches. The year to date precipitation total is 25.61 inches.

The wastewater treatment facility processed an average flow of 1.446 million gallons per day with a monthly total of 44.831 million gallons.

### **WATER DIVISION – Utilities Water System Supervisor Roger M. Thorson**

Construction of the new 600,000 gallon water tower in Race track Park has been completed. The tower will be filled and put on line in early August.

Staff was busy the past month working on system maintenance, replacing broken water main valve boxes, and blacktopping road patches. Worked jointly with the Wastewater Division repairing a sewer main.

The Water Division had no work related problems with all the heavy rains and storms that passed through Stoughton during the month of July.

### **ENERGY SERVICES SECTION OF THE PLANNING DIVISION – Stoughton Utilities/WPPI Energy Services Representative Alicia Vanden Oever**

#### **Customer Account Activities**

***Stoughton Trailers:*** Considering compressed air system upgrade for Plants 1 & 3. Project will most likely be eligible for both prescriptive and custom incentives from Focus on Energy and SU/WPPI Energy respectively. Submitted incentive application to WPPI for approval.

***Universal AET:*** Met with representatives from Universal. Discussed energy efficiency ideas and toured the facility to identify opportunities. Will provide a summary report and follow up on the discussion.

***City of Stoughton:*** Library Board is looking at having a study done on the Library's HVAC system. SU can provide a study grant through their Commitment to Community program for this technical energy efficiency study.

#### **Energy Services Administration**

***Large Power Customer Meeting:*** Held on July 15. Dan Ebert, Senior VP of External Affairs spoke at the meeting. Mayor Olson and utility staff were present. Large power customers in attendance included Stoughton Trailers, the School District, Universal AET, and Midwest Rubber.

**Dates at Stoughton Utilities in July: 1, 8, 15, 22, 28**

**SAFETY COMPLIANCE SECTION OF THE PLANNING DIVISION – Stoughton Utilities/Municipal Electric Utilities of Wisconsin Southeastern Regional Safety Coordinator Christopher Belz**

**Accomplishments**

*Audits/Inspections*

- Completed CVMIC training records requests
- Conducted an inspection on an Electrical Crew and completed the report
- Conducted a walkthrough of the Operations Facilities Garage
- Completed a Forklift compliance inspection
- Completed a written program audit
- Completed a safety training audit

*Compliance/Risk Management*

- Continued Lock Out/Tag Out Written Program Review
- In the process of reviewing Chemical Hygiene Written Program
- Reviewed Hazard Communication Written Program
- Updated Fall Protection Program
- Updated WWTP Confined Space and Forklift Written Programs
- Enter CE's into database

**Goals & Objectives**

*Training*

- Complete another Confined Space Rescue Practice for the Confined Space Rescue Team

*Audits/Inspections*

- Inspect Crews for proper Work Zone set ups and Personal Protective Equipment
- Perform facility inspections in all Stoughton Utilities facilities

*Compliance/Risk Management*

- Audit Energy Control Procedures in the Control of Hazardous Energy Procedure
- Review and update Stoughton Utilities Written Safety Programs

**Scheduled dates MEUW SCRSC Safety Coordinator, Chris Belz, was at Stoughton Utilities: July 12, 19 and 28**

**Please visit us on our website at [www.stoughtonutilities.com](http://www.stoughtonutilities.com) to view current events, follow project schedules, view meeting notices and minutes, review our energy conservation programs, pay your utilities bill via the internet, or to learn more about your Stoughton Utilities Electric, Wastewater and Water services.**



**Stoughton Utilities**

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**Date:** August 12, 2010

**To:** Stoughton Utilities Committee

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

**Subject:** Status Of Stoughton Utilities Committee July 19, 2010 Recommendations  
To The Stoughton Common Council.

**July 27, 2010 Stoughton Common Council Meeting**

- Approved the Stoughton Utilities Committee recommendation to approve the Payments Due List.

**August 10, 2010 Stoughton Common Council Meeting**

- Rejected the Stoughton Utilities Committee July 19, 2010 recommendation, reaffirmed the advisory to the Common Council status, and retained the committee composition.

cc: Sean O Grady  
Stoughton Utilities Operations Superintendent



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**Date:** August 12, 2010

**To:** Stoughton Utilities Committee

**From:** Kim M. Jennings, CPA  
Stoughton Utilities Finance and Administrative Manager

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

**Subject:** Stoughton Utilities Wastewater Rate Review Status Report No. 1.

Pursuant to the direction provided at the July 19, 2010 Stoughton Utilities Committee Meeting, we have initiated a wastewater rate review with a potential effective date of the first quarter of 2011. Relevant rate information follows:

- Rates were last adjusted three times from July 20, 2006 to July 5, 2007 to capture the additional operations and maintenance costs and debt for the hydraulic expansion project, and to address the inflationary costs realized since the previous June 24, 2003 rate adjustment.
- The debt portions of the adjustments are not being changed due to the funding covenants.
- Since the Industrial and Commercial charges for Biochemical Oxygen Demand (BOD) in excess of 200 mg/l, suspended solids in excess of 250 mg/l, and phosphorus in excess of 8 mg/l are reactor orientated and offer minimal budgetary impact, the charges are not being evaluated.
- The operation and maintenance portion of the monthly volume charge changed from \$1.85/1,000 gallons to \$2.55/1,000 gallons and is being evaluated.
- The monthly fixed (meter) charge changed only 10%, and is established by the water meter size. For a residential customer, the fixed monthly (meter) charge changed a minimal \$0.06 from \$1.58 to \$1.64, and is not being evaluated.



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As the only substantive rate adjustment occurred in the volume charge, the rate review will address the \$1.70 operation and maintenance increase of that volume charge.

It is also essential to appreciate that the \$466,000 E. Main Street Sanitary Sewer Replacement Project was moved from 2010 to 2011 to accommodate the City's desire for a total street reconstruction project. This project will also include a water main replacement. Our plan has been to not borrow for that project at this time.

There has also been some interest expressed to accelerate the 2012 Eighth Street Water Main Project to 2011 to accommodate a Redevelopment Authority (RDA) project proceeding in that area. As this project includes a water main river crossing, the area will also be evaluated for a new sanitary sewer crossing to realize an economy of scale savings. This sanitary sewer effort is projected to cost \$424,350. Our plan has been to not borrow for this project at this time.

cc: Sean O Grady  
Stoughton Utilities Operations Superintendent

Brian R. Erickson  
Stoughton Utilities Wastewater System Supervisor

Brian R. Hoops  
Stoughton Utilities Office and Information Systems Supervisor



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**Date:** August 12, 2010

**To:** Stoughton Utilities Committee

**From:** Kim M. Jennings, CPA  
Stoughton Utilities Finance and Administrative Manager

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

**Subject:** Stoughton Utilities Wastewater Financial Objectives

At the July 19, 2010 Utilities Committee Meeting, Alderperson Steve Tone requested that we prepare a list of financial objectives for the Wastewater Utility. The following guidelines and procedures are used by the Utilities Finance & Administrative Manager and the Utilities Director to monitor the financial performance of the Wastewater Utility.

- Utility supervisors maintain a 20-year capital improvement plan that best reflects need for wastewater collection system and treatment plant upgrades. Decisions to budget for capital improvements are driven by regulatory requirements, engineering studies, technology, changes in customer characteristics, discovered problems in the collection system, deteriorating materials (age of mains & equipment), and coordination with other government and/or customer projects where efficiencies can be realized.
- The Utilities Finance & Administrative Manager maintains a 5 year cash flow projection schedule. The schedule includes revenue/expense projections, debt service, budgeted capital improvements, and other non-operating items such as interest income. Updates are made to the schedule a minimum of 4 times per year and results are shared with the Utilities Director, Utilities Operations Superintendent, and Wastewater System Supervisor semi-annually.
- The Wisconsin Department of Natural Resources requires the utility to maintain a fund for replacements or repairs of equipment at the wastewater treatment plant. We use the percentage of assets method (calculated annually on December 31) for funding this account. Therefore, it is fully funded and no annual deposits are required. If we use this account for a major repair, monthly deposits would be necessary to restore it to the original level. The Utilities Finance & Administrative Manager monitors this requirement.



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- The Wastewater Utility is required by bond covenants to maintain a debt coverage percentage of 110%. The Utilities Finance & Administrative Manager monitors this requirement.
- Industry standards suggest that a healthy utility maintain unrestricted operating funds of at least  $\frac{1}{4}$  to  $\frac{1}{2}$  of its annual operating expenses. Utility staff uses this as a guideline, knowing that the balance may rise above or dip below this range depending on timing of wastewater sales and cash expenditures. It is not uncommon for this balance to build up just prior to expending funds for a large capital improvement such as the East Main Street Sanitary Sewer Project scheduled for 2011.
- Industry standards and our independent auditors have recommended that our utility should aim to fund 50% of capital assets with earnings and 50% with debt. Utility staff uses this as a guideline along with many other variables when determining whether the utility should issue debt. In some cases, it may be appropriate to exceed 50% debt, depending on what funding options are available at any given time.
- Retail rates are the result of a careful mix of management decisions using a variety of available options. The goal of utility staff is to continually enhance system performance and reliability while maintaining regulatory compliance and competitive rates. Rates that are set too low can ultimately lead to poor system performance, potential health or environmental issues, and regulatory agency interaction. Rates that produce excess income can result from growth, changes in customer characteristics, operational efficiencies gained over time, and other events. The Utilities Finance & Administrative Manager monitors the Wastewater Utility revenue requirement on an ongoing basis.

cc: Sean O Grady  
Stoughton Utilities Operations Superintendent

Brian G. Erickson  
Stoughton Utilities Wastewater System Supervisor



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**Date:** August 12, 2010

**To:** Stoughton Utilities Committee

**From:** Brian G. Erickson  
Stoughton Utilities Wastewater System Supervisor

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

**Subject:** Stoughton Utilities Wastewater Water Pollutant Discharge Elimination System (WPDES) Permit Status Report No. 1.

As briefly discussed at the July 19, 2010 Stoughton Utilities Committee Meeting, the following information is provided for consideration:

- The WDNR and the USEPA continue to review our draft WPDES Permit. We believe the draft permit will be issued on October 1, 2010 with a January 1, 2011 effective date.
- We expect the following:

Ammonia Nitrogen. It is unclear if only continued monitoring, or if a time schedule for a pH control limit consisting of chemical addition or additional aeration will be established.

Biochemical Oxygen Demand. Continued monitoring for the existing limits.

Chemical Toxicants Continued monitoring for the existing limits.

Chlorides. It is unclear if only continued monitoring, or if a time schedule for a chloride control limit will be established.

Dissolved Oxygen Continued monitoring for the 6.0 mg/l limit.

Fecal Coliform Continued monitoring for the existing limits.



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Mercury. A 3.3 ng/l limit, continued mercury monitoring and reduction efforts shall be established.

pH Continued monitoring for the existing limits.

Phosphorus. It is unclear if the existing limits will be reduced; triggering a time schedule for further phosphorus control and when new limits will be established.

Suspended Solids. Continued monitoring for the existing limits.

Thermal Abatement. It is unclear if only monitoring, or if limits and a time schedule for thermal abatement will be established.

Whole Effluent Toxicity (WET). Annual aquatic life WET testing will continue.

Capacity, Management, Operation & Maintenance (CMOM). It is unclear if the existing sanitary sewer collection system overflow restrictions will be increased.

Anti-Degradation Program. It is unclear if limits will be established with a time schedule for our next treatment facility construction project.

Our biggest concerns are with the ammonia nitrogen, phosphorus and thermal abatement requirements and the availability of low-interest funding. It is also unclear if some organic expansion may be addressed. Although the wastewater treatment facility may be organically under-designed, the treatment results are excellent.

cc: Sean O Grady  
Stoughton Utilities Operations Superintendent

Kim M. Jennings, CPA  
Stoughton Utilities Finance and Administrative Manager



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**Date:** August 12, 2010  
**To:** Stoughton Utilities Committee  
**From:** Robert P. Kardasz, P.E.-Stoughton Utilities Director  
**Subject:** 2010 Wisconsin Sewer User Charge Report.

We have reviewed the referenced report prepared by MSA Professional Services that has been made available for your use. Summary information follows:

- The report includes information from 521 communities in Wisconsin and represents 64% of the publically owned collection systems and 74% of the publically owned wastewater treatment facilities.
- The average annual user charge in Dane County is \$363.
- Information from 62 municipalities in Stoughton Utilities' (SU) population range (10,001-50,000) includes the following:

The average annual user charge is \$330. (SU's is \$337)

The average hook-up fee for 36 communities is \$1,560. (SU's is 0)

The average impact fee for 8 communities is \$2,578. (SU's is 0)

When contacted, the MSA representative explained to me that in conducting six surveys over the last 14 years, only one community with significant impact fees and experiencing significant growth reduced user charges one time a few years ago, and then raised the user charges for a project required soon thereafter. This community owned a collection system but not a wastewater treatment facility. He further emphasized that with the uncertainties associated with available funding and wastewater treatment requirements, no communities surveyed are considering a user charge reduction at this time.

cc: Sean O Grady-Stoughton Utilities Operations Superintendent  
Brian G. Erickson-Stoughton Utilities Wastewater System Supervisor  
Kim M. Jennings, CPA-Stoughton Utilities Finance and Administrative Manager



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**Date:** August 12, 2010

**To:** Stoughton Utilities Committee

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

**Subject:** Stoughton Utilities Committee Governance.

At the July 19, 2010 Stoughton Utilities Committee Meeting, this item was placed on the agenda.

cc: Sean O Grady  
Stoughton Utilities Operations Superintendent



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**Date:** August 12, 2010  
**To:** Stoughton Utilities Committee  
**From:** Robert P. Kardasz, P.E.  
Stoughton Utilities Director  
**Subject:** Hydro Power Opportunity.

Alderperson Steve Tone has requested that this item be placed on the agenda of the August 16, 2010 Stoughton Utilities Committee Meeting.

cc: Sean O Grady  
Stoughton Utilities Operations Superintendent



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**Date:** August 12, 2010  
**To:** Stoughton Utilities Committee  
**From:** Robert P. Kardasz, P.E.  
Stoughton Utilities Director  
**Subject:** WPPI Thirtieth Annual Meeting.

The WPPI Energy Thirtieth Annual Meeting will be conducted on September 16 and 17, 2010 at Lambeau Field in Green Bay, Wisconsin. I encourage you to participate in the meeting on September 16, 2009, as some excellent speakers will be addressing challenges in the electric industry. You may also find the September 17, 2009 Business Meeting of interest as well.

Please contact Erin Bothum or myself if you elect to participate. The room block will expire on September 1, 2010. Travel and lodging expenses are reimbursable from Stoughton Utilities.

cc: Sean O Grady  
Stoughton Utilities Operations Superintendent



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**Date:** August 12, 2010  
**To:** Stoughton Utilities Committee  
**From:** Robert P. Kardasz, P.E.  
Stoughton Utilities Director  
**Subject:** Stoughton Utilities Committee Future Agenda Item(s).

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

cc: Sean O Grady  
Stoughton Utilities Operations Superintendent



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**Date:** August 12, 2010

**To:** Stoughton Utilities Committee

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

**Subject:** Annual Tour Of The Stoughton Utilities North Electric Substation.

The annual Stoughton Utilities Committee tour of a Stoughton Utilities Electric Substation is scheduled immediately following the August 16, 2010 regular meeting. The North Substation located on CTH B has been selected for the tour as The American Transmission Company has been scheduled to complete a loop-through project at this substation later this year.

cc: Sean O Grady  
Stoughton Utilities Operations Superintendent

Craig A. Wood  
Stoughton Utilities Electric System Supervisor



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