

**CITY OF WADSWORTH**  
**2007 ELECTRIC AND COMMUNICATIONS DEPARTMENT ANNUAL REPORT**

**2007 CITY OFFICIALS**

MAYOR

James Renacci

SERVICE DIRECTOR

Chris Easton

ASSISTANT SERVICE DIRECTOR

Robert Peters

John P. Moss

Auditor

David Hammerly

Treasurer

Charles E. Potter

Safety Director

Norman E. Bague

Law Director

2007 CITY COUNCIL

Robin Laubaugh - President

Daniel Ishee

John Sharkey

Craig Hassinger

Tom Palecek

Thomas Baldwin

Bruce Darlington

Tim Eberling

Gene Post

Manager of Electric  
& Communications

Mark Feller

Communications,  
Substation &  
Project  
Superintendent

Bill Lyren

Superintendent of  
Electric Division

**CITY OF WADSWORTH**  
**ELECTRIC AND COMMUNICATIONS DEPARTMENT**  
**ANNUAL REPORT**

**2007**

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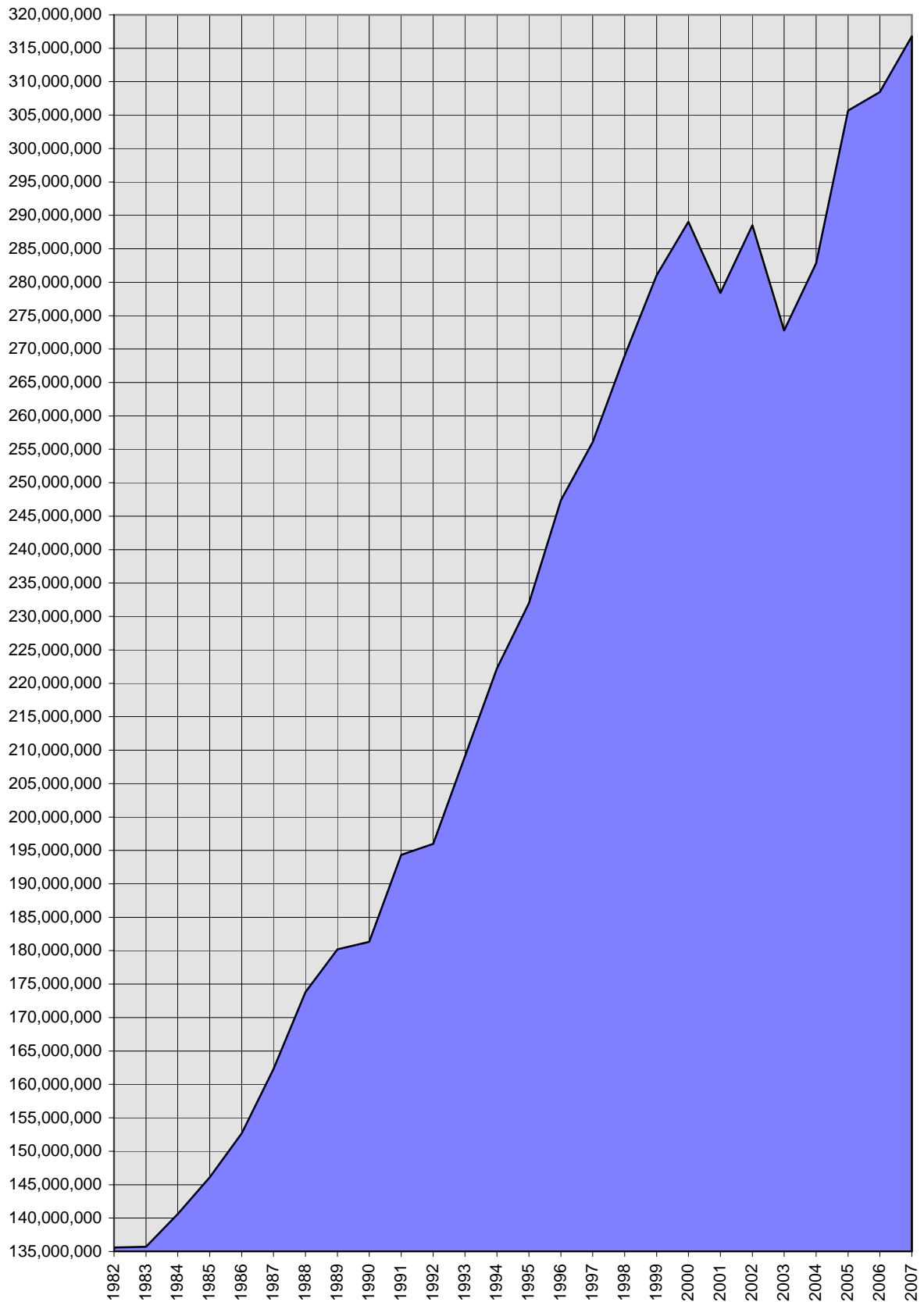
# CITY OF WADSWORTH

## ANNUAL POWER PURCHASE ANNUAL PEAK LOAD

<u>YEAR</u>	<u>DEMAND IN KW</u>	<u>INCREASE OR DECREASE IN KW</u>	<u>%CHANGE</u>	<u>ANNUAL KWH</u>	<u>INCREASE OR DECREASE IN KWH</u>	<u>CHANGE</u>
1949	3,360	180	5.7%	13,176,000	1,022,040	8.4%
1950	3,840	480	14.3%	14,742,000	1,566,000	11.9%
1951	4,260	420	10.9%	16,501,700	1,759,700	11.9%
1952	4,440	180	4.2%	17,880,000	1,378,300	8.4%
1953	4,800	360	8.1%	19,782,000	1,902,000	10.6%
1954	5,400	600	12.5%	21,000,000	1,218,000	6.2%
1955	6,360	960	17.8%	23,478,000	2,478,000	11.8%
1956	6,640	280	4.4%	26,034,000	2,556,000	10.9%
1957	6,760	120	1.8%	27,872,000	1,838,000	7.1%
1958	7,065	305	4.5%	29,522,000	1,650,000	6.9%
1959	7,110	45	0.6%	31,707,000	2,185,000	7.4%
1960	7,695	585	8.2%	32,885,700	1,178,700	3.7%
1961	7,605	-90	-1.2%	34,389,000	1,503,300	4.6%
1962	8,460	855	11.2%	36,846,000	2,457,000	7.1%
1963	8,820	360	4.3%	38,177,415	1,331,415	3.6%
1964	9,405	585	6.6%	41,094,000	2,916,585	7.6%
1965	10,620	1215	12.9%	44,928,000	3,834,000	9.3%
1966	11,250	630	5.9%	48,726,000	3,798,000	8.5%
1967	11,295	45	0.4%	52,353,000	3,627,000	7.4%
1968	13,050	1755	15.5%	59,148,000	6,795,000	13.0%
1969	14,440	1390	10.7%	66,078,000	6,930,000	11.7%
1970	14,670	230	1.6%	71,802,000	5,724,000	8.7%
1971	16,060	1390	9.5%	73,638,000	1,836,000	2.6%
1972	16,679	619	3.9%	78,084,000	4,446,000	6.0%
1973	19,087	2408	14.4%	81,954,000	3,870,000	5.0%
1974	17,390	-1697	-8.9%	82,791,000	837,000	1.0%
1975	18,814	1424	8.2%	88,064,000	5,273,000	6.4%
1976	18,826	12	0.1%	94,608,000	6,544,000	7.4%
1977	25,279	6453	34.3%	109,836,000	15,777,000	16.7%
1978	26,134	855	3.4%	129,163,436	19,327,436	17.6%
1979	26,148	14	0.1%	134,671,316	4,868,880	3.8%
1980	25,758	-389	-1.5%	135,399,300	727,984	0.5%
1981	25,658	-100	-0.4%	142,392,654	6,993,354	4.9%
1982	26,400	742	2.9%	135,606,000	6,786,654	-4.8%
1983	24,092	-2308	-8.7%	135,696,000	90,000	0.1%
1984	24,640	548	2.3%	140,592,000	4,896,000	3.6%
1985	26,651	2011	8.2%	146,112,000	5,520,000	3.9%
1986	26,579	-72	-0.3%	152,696,000	6,584,000	4.5%
1987	32,183	5604	21.1%	162,288,000	9,592,000	6.3%
1988	33,335	1152	3.6%	173,808,000	11,520,000	7.1%
1989	33,437	102	0.3%	180,192,000	6,384,000	3.7%
1990	34,214	777	2.3%	181,337,295	1,145,295	0.6%
1991	37,699	3485	10.2%	194,352,000	13,014,705	7.2%
1992	36,950	-749	-2.0%	195,974,000	1,622,000	0.8%
1993	41,630	4680	12.7%	209,057,700	3,083,700	6.7%
1994	41,573	-57	-0.1%	222,240,000	13,182,300	6.3%
1995	44,698	3125	7.5%	231,968,566	9,728,566	4.4%
1996	48,082	3384	7.6%	247,386,800	15,418,243	6.7%
1997	49,739	1657	0.4%	256,050,344	8,663,544	3.5%
1998	51,393	1654	0.3%	268,990,365	12,940,021	5.0%
1999	56,537	5144	10.1%	281,029,356	12,038,991	4.0%
2000	54,105	-2432	-4.0%	289,641,120	8,611,764	3.0%
2001	61,409	7304	13.5%	278,399,729	-11,241,391	-3.9%
2002	61,042	-367	-0.6%	288,535,388	10,135,659	3.6%
2003	53,333	-7709	-12.6%	272,635,528	-15,899,860	-5.5%
2004	53,901	568	.1%	284,364,255	11,728,727	4.3%
2005	63,058	9157	17%	305,692,149	21,327,894	7.5%
2006	67,575	4517	6.3%	308,443,771	2,751,622	1%
2007	67,394	-181	-0.27%	316,775,891	8,332,120	2.7%

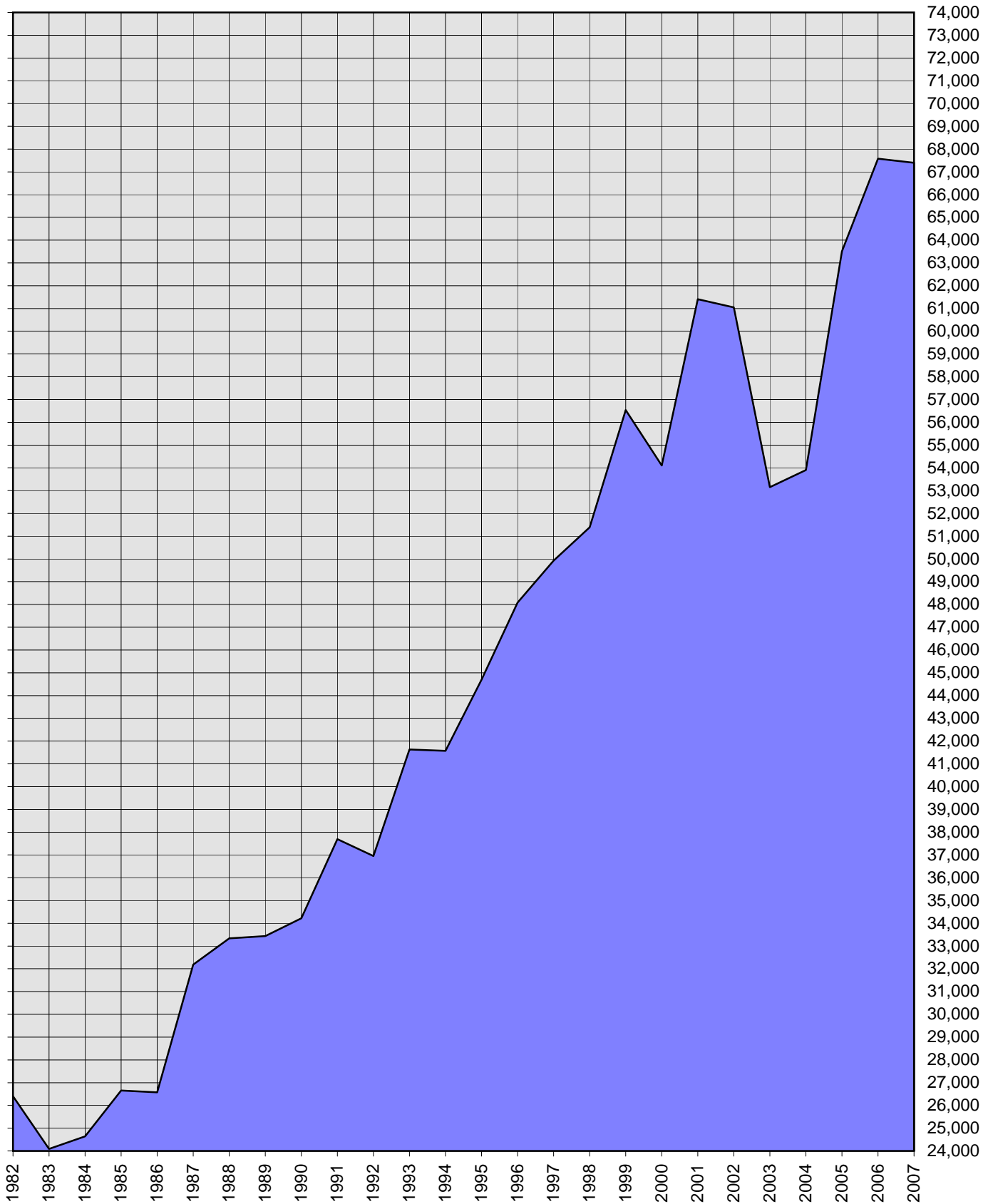
CITY OF WADSWORTH

ANNUAL POWER PURCHASE  
(KILOWATTHOURS)



**CITY OF WADSWORTH**

**ANNUAL PEAK LOAD  
( KILOWATTS )**



**CITY OF WADSWORTH**

**AMP-OHIO BILLING - 2007**

<u>Month</u>	<u>Kilowatt Hrs.</u>		<u>Billing KW*</u>		<u>Net Cost</u>		<u>Unit Cost</u>
January	27,370,079		47,188		1350155.72		0.04933
February	25,992,855		49,248		1348567.42		0.051882
March	26,223,423		45,789		1391476.05		0.053062
April	23,801,594		42,401		1202171.86		0.050508
May	25,220,487		55,011		1183422.24		0.046923
June	27,049,819		58,679		1444250.94		0.053392
July	27,571,088		63,169		1607768.56		0.058314
August	31,537,649		67,394		2002534.96		0.063497
September	26,160,811		61,494		1537411.91		0.058768
October	25,661,784		57,054		1503156.82		0.058576
November	24,274,564		44,769		1319331.12		0.05435
December	25,911,738		48,301		1406024.31		0.054262
Total	316,775,891	Ave.	53,375	Total	\$17,296,271.91	Ave.	0.0544053

**AMP-OHIO BILLING - 2006**

<u>Month</u>	<u>Kilowatt Hrs.</u>		<u>Billing KW*</u>		<u>Net Cost</u>		<u>Unit Cost</u>
January	26166334		46157		1542099.03		0.05893
February	24292660		45135		1434266.71		0.05904
March	25947183		41818		1332622.98		0.05136
April	22622990		40452		1199218.39		0.05301
May	24426158		55156		1338092.22		0.05478
June	25873972		54347		1546045.38		0.05975
July	29912562		62863		1869850.29		0.06251
August	30777601		66388		1793612.14		0.05828
September	23780996		44360		1267210.26		0.05329
October	24819354		42317		1276215.33		0.05142
November	24279645		42256		1234059.41		0.05083
December	25544316		49381		1354657.46		0.05302
Total	308,443,771	Ave.	49,219	Total	\$ 17,187,949.60	Ave.	0.0555183

\*Billing KW (demand) is measured when 21 (N.E.A.S.G.) systems peak coincidentally as one system.

(N.E.A.S.G.) Northeast Area Service Group of Amp-Ohio

**CITY OF WADSWORTH**  
**MONTHLY MAXIMUM DEMANDS 2007-2006**

**2007**

<b>Month</b>	<b>Peak Demand</b>	<b>Date</b>	<b>Time</b>
January	47188	1/25/2007	7:00 P.M
February	49248	2/5/2007	7:00 P.M
March	46412	3/6/2007	10:00 A.M.
April	42819	4/5/2007	10:00 A.M.
May	55129	5/31/2007	3:00 P.M.
June	60787	6/26/2007	2:00 P.M.
July	63185	7/9/2007	5:00 P.M
*August	67394	8/8/2007	3:00 P.M.
September	61765	9/6/2007	3:00 P.M.
October	57885	10/8/2007	3:00 P.M.
November	44769	11/29/2007	7:00 P.M
December	48301	12/17/2007	8:00 P.M.
Yearly Average	<u>53,740</u>		

**2006**

<b>Month</b>	<b>Peak Demand</b>	<b>Date</b>	<b>Time</b>
January	46157	1/18/2006	7:00PM
February	45135	2/13/2006	8:00PM
March	44273	3/21/2006	11:00AM
April	41121	4/5/2006	1:00PM
May	56863	5/30/2006	4:00PM
June	54838	6/22/2006	2:00PM
July	64200	7/31/2006	4:00PM
**August	67575	8/2/2006	4:00PM
September	45463	9/18/2006	NOON
October	42317	10/4/2006	1:00PM
November	43679	11/20/2006	7:00PM
December	49381	12/4/2006	7:00PM
Yearly Average	<u>50,084</u>		

\*Denotes annual peak

\*\* Denotes historical peak

**CITY OF WADSWORTH  
COST AVOIDANCE 2007**

**N.E.A.S.G. COINCIDENT PEAK VS WADSWORTH SYSTEM PEAK**

<b>USAGE MONTH</b>	<b>SYSTEM PEAK KW</b>	<b>BILLING PEAK KW**</b>	<b>DIFFERENCE KW</b>	<b>REGULATION RATE \$/KW</b>	<b>COST AVOIDANCE \$</b>
Jan '07	47188	47188	0	8.99	\$0.00
Feb '07	49248	49248	0	8.06	\$0.00
Mar '07	46412	45789	623	9.7957	\$6,102.72
Apr '07	42819	42401	418	8.0067	\$3,346.80
May '07	55129	55011	118	4.7736	\$563.28
Jun '07	60787	58679	2,108	6.0482	\$12,749.61
Jul '07	63211	63169	42	5.923	\$248.77
Aug '07	67394	67394	0	5.45	\$0.00
Sept '07	61765	61494	271	6.2892	\$1,704.37
Oct '07	57885	57054	831	6.0818	\$5,053.98
Nov '07	44769	44769	0	6.0864	\$0.00
Dec '07	48301	48301	0	6.3556	\$0.00
Ave.	53,742	Ave. 53,375	Ave. 368	Ave. \$6.821683	

**Total Cost Avoidance 2007**

**\$29,769.53**

**PAST YEARS STATISTICS**

	<b>AVERAGE KW SYSTEM PEAK</b>	<b>AVERAGE KW COINCIDENT PEAK</b>	<b>AVERAGE KW DIFFERENCE</b>	<b>AVERAGE \$/KW REGULATION RATE</b>	<b>ANNUAL SAVINGS</b>
2007	53,742	53,375	368	\$6.821683	\$29,769.53
2006	50,084	49,219	864	\$ 9.37	\$88,259.32
2005	48,307	48,991	336	\$ 8.72	\$26,129.35
2004	45,374	44,654	721	\$ 7.69	\$64,777.97
2003	43,723	43,333	391	\$ 8.89	\$54,468.92
2002	49,759	44,939	4820	\$ 9.44	\$541,057.83
2001	47,545	43,180	4365	\$ 13.24	\$715,227.00
2000	47,214	41,681	5534	\$ 11.13	\$777,900.81
1999	45,771	40,104	5,273	\$ 8.47	\$584,844.20
1998	44,179	39,824	4,415	\$ 7.83	\$524,059.05
1997	42,409	36,380	6,029	\$ 8.29	\$623,720.78
1996	40,921	35,315	5,607	\$ 8.44	\$580,798.47
1995	37,532	34,123	3,409	\$ 8.78	\$377,640.40
1994	35,879	31,484	4,395	\$ 9.21	\$495,025.77
1993	34,147	29,601	4,546	\$ 8.08	\$445,113.88
1992	30,918	27,880	3,038	\$ 8.90	\$329,560.93
1991	32,093	27,895	4,198	\$ 9.46	\$482,085.75

**Total Cost Avoidance 1991 thru 2007**

**\$ 6,740,439.96**

\*Coincident KW (demand) is measured when 21 (N.E.A.S.G.) systems peak coincidentally as one system.

\*\*Billing KW (demand) is measured when 21 (N.E.A.S.G.) systems peak coincidentally as one system.

(N.E.A.S.G.) Northeast Area Service Group of Amp-Ohio

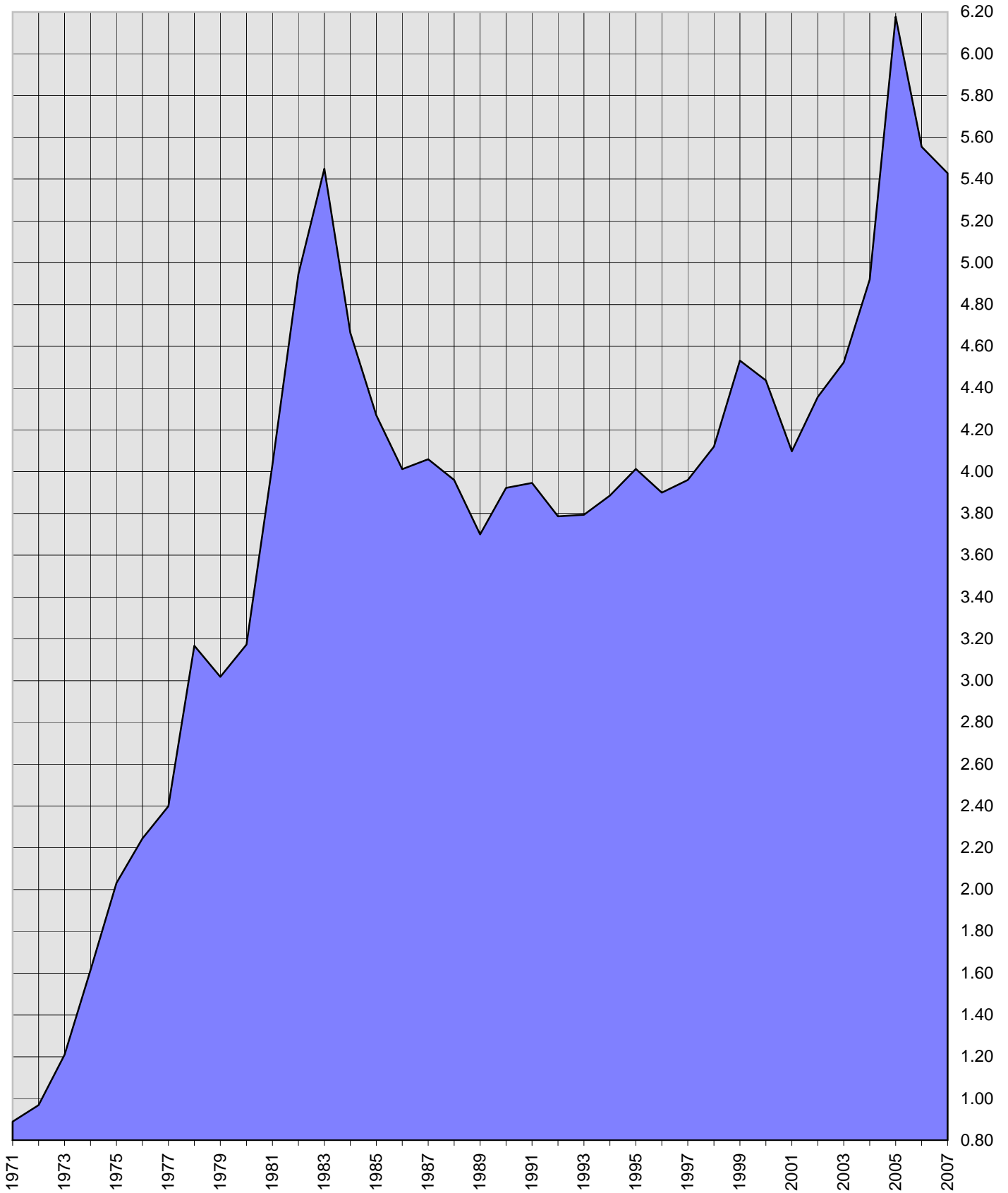


# CITY OF WADSWORTH

## ANNUAL AVERAGE WHOLESALE KWH COST--1955 TO 2007 (CENTS)

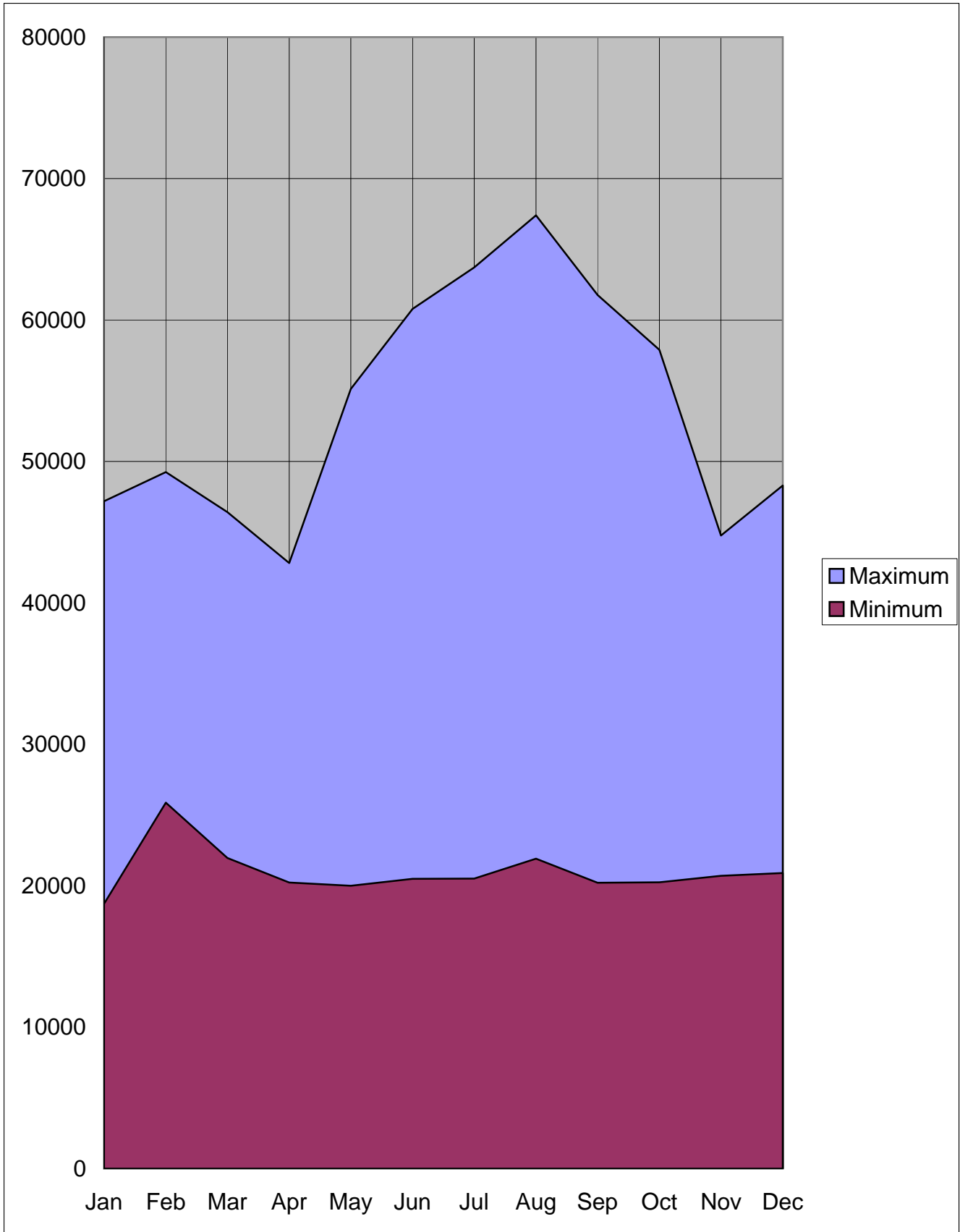
1955	-----	1.151
1956	-----	1.115
1957	-----	1.116
1958	-----	1.114
1959	-----	1.070
1960	-----	1.053
1961	-----	1.044
1962	-----	1.027
1963	-----	1.030
1964	-----	1.019
1965	-----	.996
1966	-----	.920
1967	-----	.909
1968	-----	.899
1969	-----	.901
1970	-----	.893
1971	-----	.890
1972	-----	.969
1973	-----	1.209
1974	-----	1.615
1975	-----	2.032
1976	-----	2.244
1977	-----	2.399
1978	-----	3.167
1979	-----	3.018
1980	-----	3.173
1981	-----	4.034
1982	-----	4.946
1983	-----	5.450
1984	-----	4.665
1985	-----	4.270
1986	-----	4.012
1987	-----	4.060
1988	-----	3.960
1989	-----	3.700
1990	-----	3.922
1991	-----	3.946
1992	-----	3.786
1993	-----	3.794
1994	-----	3.886
1995	-----	4.013
1996	-----	3.902
1997	-----	3.960
1998	-----	4.134
1999	-----	4.532
2000	-----	4.438
2001	-----	4.097
2002	-----	4.358
2003	-----	4.523
2004	-----	4.930
2005	-----	6.177
2006	-----	5.555
2007	-----	5.429
2008	-----	

**CITY OF WADSWORTH**  
**ANNUAL AVERAGE WHOLESALE KWH COST**  
**(CENTS)**



CITY OF WADSWORTH

MONTHLY KWH MINIMUM AND MAXIMUM USE 2007



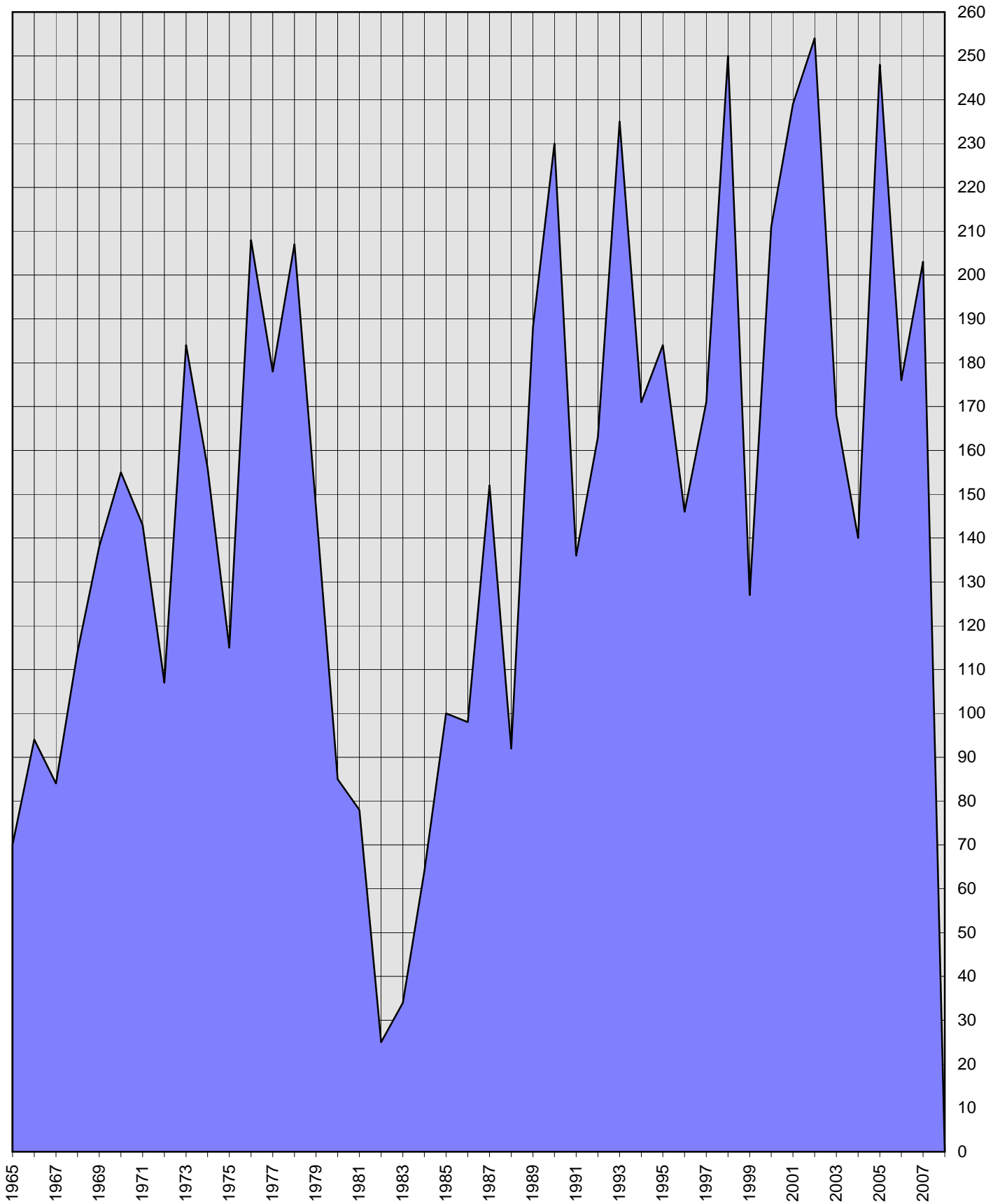
# CITY OF WADSWORTH

## ANNUAL INCREASE IN TOTAL ELECTRIC METERS

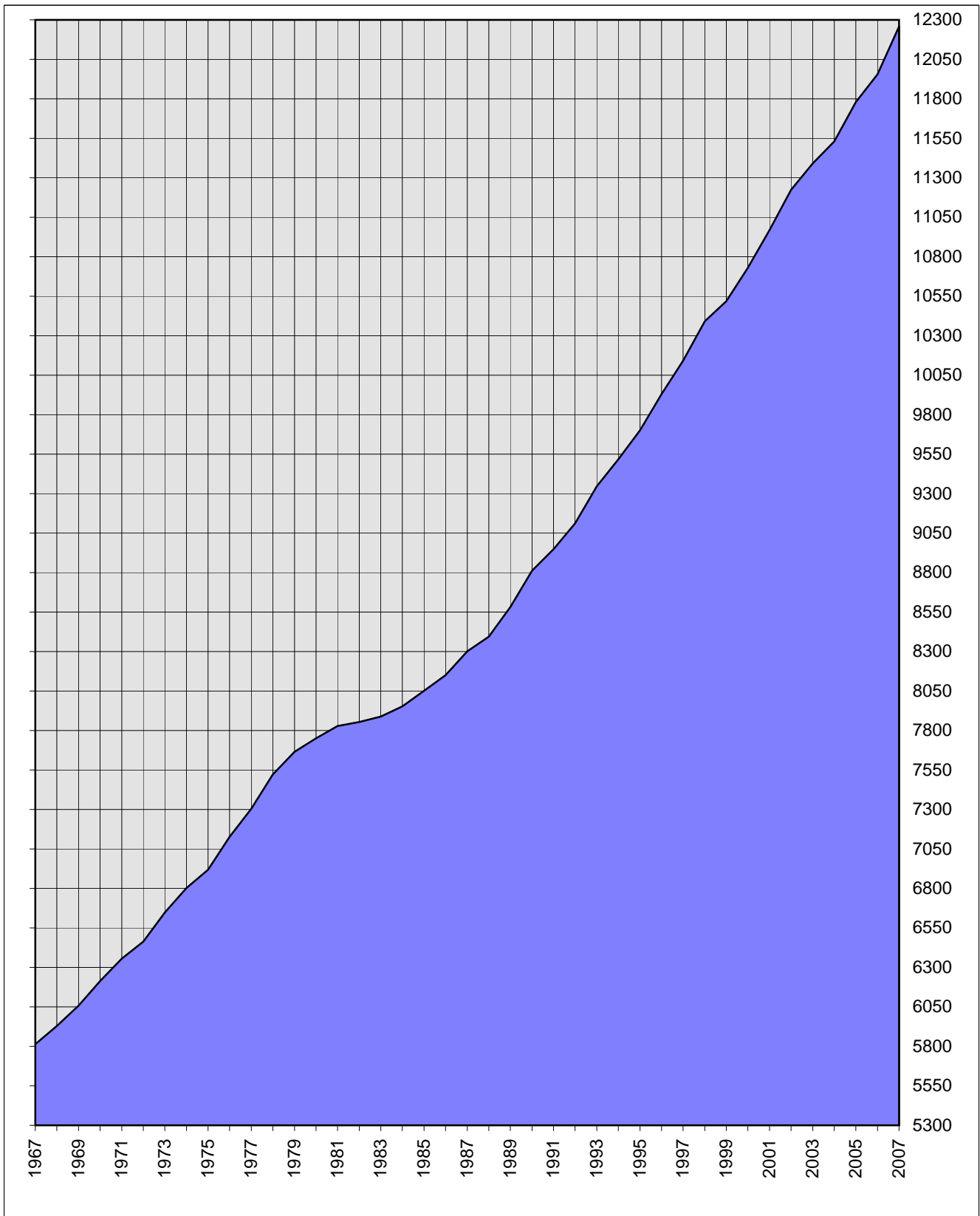
1956	-----	4557	-----	+ 179
1957	-----	4736	-----	+ 147
1958	-----	4883	-----	+ 171
1959	-----	5054	-----	+ 161
1960	-----	5215	-----	+ 107
1961	-----	5322	-----	+ 102
1962	-----	5424	-----	+ 63
1963	-----	5487	-----	+ 51
1964	-----	5538	-----	+ 28
1965	-----	5566	-----	+ 70
1966	-----	5636	-----	+ 94
1967	-----	5730	-----	+ 84
1968	-----	5814	-----	+ 114
1969	-----	5928	-----	+ 138
1970	-----	6058	-----	+ 155
1971	-----	6213	-----	+ 143
1972	-----	6356	-----	+ 107
1973	-----	6463	-----	+ 184
1974	-----	6647	-----	+ 156
1975	-----	6803	-----	+ 115
1976	-----	6918	-----	+ 208
1977	-----	7126	-----	+ 178
1978	-----	7304	-----	+ 207
1979	-----	7521	-----	+ 147
1980	-----	7666	-----	+ 85
1981	-----	7751	-----	+ 78
1982	-----	7829	-----	+ 25
1983	-----	7854	-----	+ 34
1984	-----	7888	-----	+ 64
1985	-----	7952	-----	+ 100
1986	-----	8052	-----	+ 98
1987	-----	8150	-----	+ 152
1988	-----	8302	-----	+ 92
1989	-----	8394	-----	+ 188
1990	-----	8582	-----	+ 230
1991	-----	8812	-----	+ 136
1992	-----	8948	-----	+ 163
1993	-----	9111	-----	+ 235
1994	-----	9346	-----	+ 171
1995	-----	9517	-----	+ 184
1996	-----	9701	-----	+ 229
1997	-----	9930	-----	+ 212
1998	-----	10,142	-----	+ 250
1999	-----	10,392	-----	+ 127
2000	-----	10,519	-----	+ 211
2001	-----	10,730	-----	+ 239
2002	-----	10,969	-----	+ 254
2003	-----	11,223	-----	+ 168
2004	-----	11,391	-----	+ 140
2005	-----	11,531	-----	+ 243
2006	-----	11,779	-----	+ 176
2007	-----	11,955	-----	+ 203
2008	-----	12,158		

# CITY OF WADSWORTH

## ANNUAL INCREASE IN TOTAL ELECTRIC METERS



CITY OF WADSWORTH  
ANNUAL INCREASE IN TOTAL ELECTRIC METERS



# CITY OF WADSWORTH FREE SERVICE

## HIGHWAY LIGHTING

15	400 Watt Metal Halide	30,240 KWH	
19	400 Watt Mercury (post mt.)	33,288 KWH	
845	100 Watt High Pressure Sodium (wood pole mt.)	369,265 KWH	
1059	100 Watt High Pressure Sodium (post mt.)	457,309 KWH	
103	150 Watt High Pressure Sodium	67,671 KWH	
232	250 Watt High Pressure Sodium	254,040 KWH	
<u>148</u>	400 Watt high Pressure Sodium	259,296 KWH	
2421	Sub Total	1,471,109 KWH	
	Add 4.43 Line Loss	<u>66,641</u> KWH	
	<b>TOTAL HIGHWAY LIGHTING</b>	<b>1,537,750 KWH</b>	<b>1,537,750 KWH</b>

## TRAFFIC CONTROL LIGHTING

33	Intersections and 14 Flashing Signs	11,802 KWH	
	Add 4.43% Line Loss	<u>535</u> KWH	
	<b>TOTAL TRAFFIC CONTROL LIGHTING</b>	<b>12,337 KWH</b>	<b>12,337 KWH</b>

## COMMUNITY LIGHTING

86	Lights in Municipal Parking Lots	214,054 KWH	
	Christmas Lighting	1,000 KWH	
	Flag Pole and Gazebo Lighting	<u>15,330</u> KWH	
	Sub total	230,384 KWH	
	Add 4.43% Line Loss	<u>10,436</u> KWH	
	<b>TOTAL COMMUNITY LIGHTING</b>	<b>240,820 KWH</b>	<b>240,820 KWH</b>

CITY HALL 1,000,160 KWH

## RECREATION DEPARTMENT

2007

Weatherstone Ballfield	20,800 KWH	
Steiner Youth Center	794,280 KWH	
Steiner Concession Stand	9,465 KWH	
Steiner Ball Fields	24,024 KWH	
Memorial Park Ball Fields	0 KWH	
Memorial Volley Ball Court	0 KWH	
A.C. Ballfield Scoreboard	0 KWH	
Center for Senior Adults	72,560 KWH	
Steiner Tennis Courts	4,715 KWH	
Durling Park Tennis Courts	4,480 KWH	
Durling Park Basketball Court	10,000 KWH	
Memorial Park Tennis Courts	5,437 KWH	
Steiner Parking Lot	52,560 KWH	
Plum Creek Park Multiuse Building	12,015 KWH	
<b>TOTAL RECREATION</b>	<b>1,010,336 KWH</b>	<b>1,010,336 KWH</b>

WATER TREATMENT PLANT & WATER WELLS #3, #4 156,913 KWH

WATER DEPT. - OFFICE & WAREHOUSE 28,440 KWH

TRANSFER STATION 106,821 KWH

ELECTRIC SERVICE BUILDING 183,480 KWH

ELECTRIC GARAGE 33,292 KWH

COMMUNICATIONS DEPT. 278,398 KWH

COMMUNICATIONS GARAGE 29,371 KWH

COMMUNICATIONS BLDG. @VALLEY VIEW SUB 3,557 KWH

COMMUNICATIONS DISTRIBUTION POWER SUPPLIES (54) 405,178 KWH

POLICE RADIO REPEATER @AKRON RD. & SUMMIT ST. 2,988 KWH

**CITY OF WADSWORTH FREE SERVICE**

DOG POUND		8,193 KWH	
STREET DEPT.-POWER HOUSE & GARAGES		241,720 KWH	
NEW SALT SHED		1,000 KWH	
HISTORICAL MUSEUM/JOHNSON HOUSE		1,116 KWH	
POLICE FIRING RANGE		8 KWH	
PARKS DEPT.-POWER HOUSE		91,181 KWH	
WADSWORTH MUNICIPAL GARAGE		154,070 KWH	
WOODLAWN CEMETERY		34,392 KWH	
TOTAL OTHER		1,760,118 KWH	
WATER PUMPING			
Water Well #2	149,063 KWH		
Water Well #7	41,797 KWH		
Water Well #9	166,097 KWH		
Water Well #10	41,800 KWH		
Water Well #11	71,196 KWH		
Water Well #12	153,591 KWH		
Water Well #13	21,112 KWH		
Water Well #14	185,242 KWH		
Water Well #15	223,018 KWH		
Water Well #16	66,423 KWH		
Low Head Dam	0 KWH		
Water Tower Ridge Rd.	2,168 KWH		
Water Tower Broad St.	319 KWH		
Water Tower Akron Rd.	20,452 KWH		
Water Tower Bird St.	1,577 KWH		
TOTAL	1,143,855 KWH	1,143,855 KWH	
SUB STATIONS			
Broad St. Heater	9,835 KWH		
State Street Heater	12,128 KWH		
Valley View Heater	25,898 KWH		
Seville Rd.	20,293 KWH		
Holmesbrook	34,849 KWH		
Delivery Point	88,539 KWH		
Industrial Park	133,405 KWH		
Akron Rd.	8,881 KWH		
TOTAL	333,828 KWH	333,828 KWH	
FIRE DEPARTMENT		209,904 KWH	
Early Warning Sirens		21,560 KWH	
PARKS DEPARTMENT	2007		
Bird St. Park-Shelter Houses	148 KWH		
Bird St. Park- Restrooms (old & new)	820 KWH		
Durling Park - Shelter House	1,000 KWH		
Durling Park - Restrooms	1,000 KWH		
Valley View Park - Restrooms	1,000 KWH		
Valley View Park - Shelter House	748 KWH		
Memorial - Shelter House (large)	3,689 KWH		
Memorial - Shelter House (small)	1,128 KWH		
Memorial - Restrooms and Pond Aerator	9,086 KWH		
Kaleidoscope - Restrooms	1,426 KWH		
TOTAL	20,045 KWH	20,045 KWH	



**CITY OF WADSWORTH FREE SERVICE**

**WADSWORTH MUNICIPAL AIRPORT**

Runway Lighting		60,248 KWH	
Buildings and Gas Pumps		91,587 KWH	
	<b>TOTAL</b>	<b>151,835 KWH</b>	<b>151,835 KWH</b>

WASTEWATER TREATMENT PLANT TOTAL 6,955,560 KWH 3,017,065 KWH\*

**SEWAGE PUMP STATION**

Brookwood Pump Station	55,458 KWH	
Williams Reserve Pump Station	4,993 KWH	
W. Bergey Pump Station	15,150 KWH	
Weber Dr. Pump Station	<u>14,228 KWH</u>	
<b>TOTAL</b>	<b>89,829 KWH*</b>	<b>89,829 KWH*</b>

\*A portion of Wastewater Pumping and Wastewater Treatment were paid for.  
The remaining usage was free service.

**TOTAL FREE SERVICE 10,549,441 KWH**

**LIGHTING MAINTENANCE**

**LABOR**

Lamp & Fixture Maintenance	1050.75 Hrs.	\$ 48,292.47
Work on Circuits	<u>231.50 "</u>	<u>\$ 10,639.74</u>
Total St. Light Maintenance	1282.25 Hrs.	\$ 58,932.21

**STREET LIGHT INSTALLATION**

**LABOR**

New Circuits	12.00 Hrs.	\$ 551.52
Installing Fixtures	65.00 Hrs.	\$ 2,987.40
Posts & Foundations	<u>54.50 "</u>	<u>\$ 2,504.82</u>
Total New St. Light Installation	131.50 Hrs.	\$ 6,043.74

**TRAFFIC SIGNAL INSTALLATION & MAINTENANCE**

**LABOR**

Controls	76.50 Hrs.	\$ 2,295.00
General Maintenance	482.60 "	\$ 14,478.00
Misc.	<u>75.00 "</u>	<u>\$ 2,250.00</u>
Total Traffic Signal Maintenance	634.10 Hrs.	\$ 19,023.00

**TOTAL ALL LIGHTING SERVICE**

**2047.85 Hrs. \$ 83,998.95**

Community Projects	357.50 Hrs.	\$ 5,851.46
Other Depts.	486.50 "	\$ 39,170.41
Building Maintenance	<u>1006.00 "</u>	<u>\$ 34,619.50</u>
	1850.00 Hrs.	\$ 79,641.37

**TOTAL ALL FREE SERVICE**

**(LABOR)**

**3897.85 Hrs. \$ 163,640.32**

**STREET LIGHT LAMPS REPLACED - 2007**

NO.	USE  LAMP	UNIT PRICE	TOTAL
437	100 Ignitron	\$ 38.00	\$ 16,606.00
21	150 Ignitron	\$ 38.00	\$ 798.00
40	250 Ignitron	\$ 41.45	\$ 1,658.00
84	400 Ignitron	\$ 40.15	\$ 3,372.60
5	175 W. Merc.	\$ 6.37	\$ 31.85
0	1500 W. Quartz	\$ 7.30	\$ -
15	400 W. Metal Halide	\$ 12.58	\$ 188.70
<u>0</u>	400 W. Hps	<u>\$ 12.22</u>	<u>\$ -</u>
<b>602</b>			<b>\$ 22,655.15</b>

**CITY OF WADSWORTH****FREE SERVICE****Summary**

Cost of energy for City @ .079 per KWH (flat rate)

Highway Lighting	\$	121,482.24
Traffic Control Lighting	\$	974.59
Community Lighting	\$	19,024.81
City Hall (New)	\$	79,012.64
Recreation Department	\$	79,816.54
Water Treatment Plant & Water Wells #3 & #4	\$	11,768.48
Water Dept. - Office & Warehouse	\$	2,246.76
Transfer Station	\$	8,438.86
Electric Service Building	\$	14,494.92
Electric Garage	\$	2,630.07
Communications Dept.	\$	21,993.44
Communications Garage	\$	2,320.31
Communications Bldg. @ Valley View Sub	\$	281.00
Communications Power Supply (54)	\$	32,009.06
Police Firing Range	\$	0.63
Police Radio Repeater @ Akron Rd. & Summit St.	\$	236.05
Dog Pound	\$	647.25
Street Dept. - Power House & Garages	\$	19,095.88
New Salt Shed	\$	79.00
Historical Museum/Johnson House	\$	88.16
Parks Dept. - Power House	\$	7,203.30
Wadsworth Municipal Garage	\$	12,171.53
Woodlawn Cemetery	\$	2,716.97
Water Pumping	\$	85,789.13
Substations	\$	26,372.41
Fire Department	\$	16,582.42
Early Warning Sirens	\$	1,703.24
Parks Department	\$	1,583.56
Wadsworth Municipal Airport	\$	11,994.97
Wastewater Treatment Plant (free service)	\$	226,279.84
Sewage Pump Station	\$	6,737.18
Total cost of free service-energy	\$	791,208.11

Total cost of free service-labor	\$	163,640.32	\$163,640.32
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Cost of Lamps &amp; Fixtures Replaced

602 - Street Lamps Replaced	\$	22,655.15	
Vandalism to street lights, globes, lense, etc.	\$	697.18	
	\$	23,352.33	\$ 23,352.33

<b>Total Labor &amp; Energy</b>	<b>\$</b>	<b>978,200.76</b>
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## CITY OF WADSWORTH

### ELECTRIC DEPARTMENT PERFORMANCE RELIABILITY INDEXES - 2007

Customer Average Interruption Duration Index (CAIDI) – Represents the average time to restore service per interrupted customer (minutes/interruption)

$$\text{CAIDI} = \text{Sum of customer interruption durations} = 50.31 \text{ Min.}$$

System Average Interruption Duration Index (SAIDI) – Represents the average time each customer is interrupted (minutes/year)

$$\text{SAIDI} = \text{Sum of customer interruption durations} = 17.55 \text{ Min.}$$

System Average Interruption Frequency Index (SAIFI) - Represents the average number of interruptions per customer. (interruptions/year)

$$\text{SAIFI} = \text{Sum of Customer Interruptions} = .351$$

Momentary Average Interruption Frequency Index (MAIFI) – Represents the average number of momentary (two minutes or less) interruptions per customer.

$$\text{MAIFI} = \text{Sum of Momentary Customer Interruptions} = .718$$

Average System Availability Index (ASAI) – Represents ratio of time the system provided service to each customer.

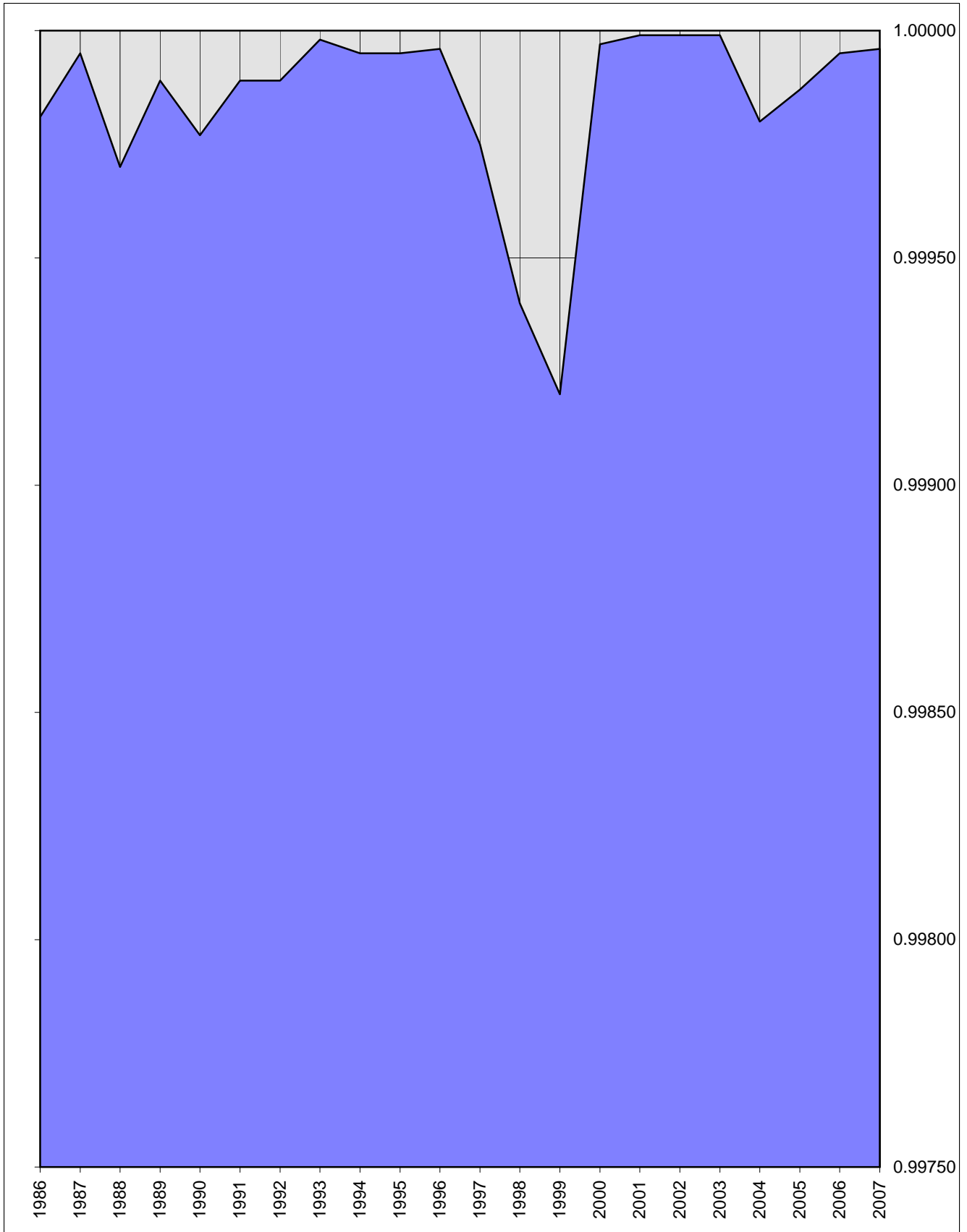
$$\text{ASAI} = \frac{\text{Total hours service was available}}{\text{Total hours service was demanded}}$$

#### Past Years ASAI Ratio

2007	-	.99996
2006	-	.99995
2005	-	.99987
2004	-	.99998
2003	-	.99994
2002	-	.99999
2001	-	.99999
2000	-	.99997
1999	-	.9992
1998	-	.99940
1997	-	.99975
1996	-	.99996
1995	-	.99995
1994	-	.99995
1993	-	.99998
1992	-	.99989
1991	-	.99989
1990	-	.99977
1989	-	.99989

CITY OF WADSWORTH

AVERAGE SYSTEM AVAILABILITY INDEX (ASAI)



**CITY OF WADSWORTH  
EMERGENCY CALLS AFTER REGULAR HOURS**

<u>NO. OF REQUESTS</u>	<u>TROUBLE</u>	<u>ACTUAL TIME</u>	<u>COST</u>
6	Animal Related	15.53	\$1,291.65
2	City Oriented	0.42	\$315.74
9	Customer Problems	14.78	\$1,529.90
3	Fires	3.28	\$642.71
2	Meters	6.97	\$409.58
1	Other	2.70	\$213.45
2	Planned Callout	2.90	\$635.02
6	Primary & Secondary	18.88	\$1,395.43
8	Service Wires & Neutrals	14.73	\$1,687.15
1	Substation & Scada	1.60	\$165.47
6	Transformers	25.52	\$1,340.40
4	Tree Limbs	10.20	\$787.87
1	Underground	5.88	\$286.84
7	Vehicle Accident	30.60	\$2,160.09
4	Weather Related	49.18	\$2,157.34
<b>TOTALS</b>	<b>62</b>	<b>203.18</b>	<b>\$15,018.64</b>

**Annual yearly standby cost 365 days** **\$36,722.44**

**Total standby cost and callout cost** **\$51,741.08**

**It took approximately 18 minutes to report to work after being notified by operators.**

**Average cost of callout \$242.24**

**Total number of callouts in 2006: 70**

**Total number of callouts for 2007: 62**

**CITY OF WADSWORTH**  
**SERVICE INFORMATION - 2007**

Total electric meters	-----	12,158
Total single phase meters	-----	11,622
Total three phase meters	-----	522
Total new meters installed	-----	288
New single phase meters installed	-----	205
Single phase meters removed	-----	9
New single phase meters in field (net increase)	-----	194
New three phase meters installed	-----	24
Three phase meters removed	-----	7
New three phase meters in field (net increase)	-----	17
Change of service single phase	-----	62
Change of service three phase	-----	4
Change of service total	-----	68
Temp services installed	-----	59
Temp services removed	-----	5
Meters/services repaired	-----	29
Meters tested	-----	57
Inspect and reseals	-----	85
Meters removed/reattached for new siding	-----	28
Meters changed due for test	-----	19
New street light units	-----	47
Street light lamps replaced	-----	602
Street lights in operation in the city	-----	2421
Trouble calls after regular work hours	-----	62
Customer troubles or planned callout	-----	11
Transformers added to lines	-----	39
Transformers removed	-----	4
Transformers in service	-----	2757
Voltage recordings due to customer complaints	-----	1
Poles changed or added to lines	-----	21
Overhead conductor replaced or added	-----	4,440
Underground cable replaced or added	-----	21,072
Total power purchased (KWH)	-----	316,775,891
Average cost per KWH at primary meter, Broad St. & Durling Dr.	-----	.05555
Most KWH used in Aug.	-----	31,537,649
Least KWH used in month of April	-----	23,801,594
Security lights Installed	-----	4
Security lights in service	-----	907
Current Transformer Services (CT) in Field 1Ø	-----	35
Current Transformer Services (CT) in Field 3Ø	-----	218
Total Current Transformer Services (CT) in Field	-----	253
1Ø CT's Tested	-----	1
3Ø CT's Tested	-----	37
1Ø CT's Replaced – out of tolerance.	-----	0
3Ø CT's Replaced – out of tolerance.	-----	0

**CITY OF WADSWORTH**  
**METER TAMPERING / ENERGY THEFT REPORT**  
**2007**

PROGRAM COSTS	Photographic Equipment	\$ 0.00
	Tools and Miscellaneous	0.00
	* Photographic Film	0.00
	* Film Processing	0.00
	<u>TOTAL</u>	<u>\$ 0.00</u>

DOLLARS RECOVERED	Restitution for Energy Theft	\$ 0.00
	<u>Material, Labor and Miscellaneous</u>	<u>0.00</u>
	<u>TOTAL</u>	<u>\$ 0.00</u>

Estimated Revenue previously lost to Energy Theft now being recovered :	
Monthly	\$ 0.00
<u>Yearly</u>	<u>0.00</u>
<u>TOTAL 2003</u>	<u>\$ 0.00</u>

**GRAND TOTAL RECOVERED                      \$ 0.00**

PROGRAM BALANCE	Dollars Recovered	\$ 0.00
	<u>- Program Costs</u>	<u>0.00</u>
	<b>PROGRAM BALANCE</b>	<b>\$ 0.00</b>

STATISTICS	Electric Meters in Service	12,158
	Inspection Cards received and investigated	85**
	Meters found not sealed	0
	Cases of Meter Tampering	0
	Incorrect serial numbers in meter reading books	0
	Meters damaged	9
	Meters upside down	0
	Meters with glass cover damaged	2
	Meters replaced and/or tested	108
	Meter enclosures repaired	19

\* In 2000, began using digital camera to document evidence of tampering.

\*\* Inspection cards were eliminated this year. Now receive summary reports from Utility Billing.

# CITY OF WADSWORTH

## METER TAMPERING / ENERGY THEFT REPORT MARCH 1, 1985 THROUGH DECEMBER 31, 2007

PROGRAM COSTS	Photographic Equipment	\$ 445.24
	Tools and Miscellaneous	333.40
	* Photographic Film	468.28
	* Film Processing	332.65
	Overtime Pay ( 36 Saturdays )	8,324.01
	<b>TOTAL</b>	<b>\$ 9,903.58</b>

<b>DOLLARS RECOVERED</b>	Restitution for Energy Theft	\$ 41,010.47
	Material, Labor and Miscellaneous	762.54
	<b>TOTAL</b>	<b>\$ 41,773.01</b>

Estimated Revenue previously lost to Energy Theft now being recovered :	
Monthly	\$ 614.00
Yearly	7,368.00
<b>TOTAL 1985 through 2002</b>	<b>\$123,944.00</b>

**GRAND TOTAL RECOVERED \$165,717.01**

<b>PROGRAM BALANCE</b>	Dollars Recovered	<b>\$165,717.01</b>
	- Program Costs	9,903.58
	<b>PROGRAM BALANCE</b>	<b>\$155,813.43</b>

STATISTICS	Electric Meters in Service	12,158
	Inspection Cards received and investigated	3,497**
	Meters found not sealed	2,753
	Cases of Meter Tampering	70
	Incorrect serial numbers in meter reading books	369
	Meters damaged	118
	Meters upside down	4
	Meters with glass cover damaged	38
	Meters replaced and/or tested	931
	Meter enclosures repaired	425

\* In 2000, began using digital camera to document evidence of tampering.

\*\* In 2004, Inspection Cards were replaced by Summary Reports provided by Utility Office



## CITY OF WADSWORTH

### MAJOR CHANGES & ADDITIONS – 2007

<b>Jobs Engineered:</b>	13 New Business Jobs 23 Rebuild Jobs 29 Maintenance Job		
<b>Daily Work Orders:</b>	1986		
<b>Engineered Underground:</b>	Stratford Crossing Phase II Stratford Crossing Phase III Westchester Subdivision Phase I Sparrow Way 1345 State Road 8750 Yoder Road Weatherstone Ball Field Restroom 10397 Silvercreek Road	Residential Residential Residential Residential Residential Residential City Residential	
	Pad 11A,B, & C Williams Reserve Blvd. Pad 8 Williams Reserve Blvd. Pad 15 Williams Reserve Blvd. Pad 14 Williams Reserve Blvd. Holland Development 227 Main St	225 kVA 75 kVA 112.5 kVA 75 kVA 75 kVA 112.5 kVA	3 Phase 3 Phase 3 Phase 3 Phase 3 Phase 3 Phase

#### System Rebuild & Improvements:

1. Relocate and rebuild primary facilities behind Grace Lutheran Church
2. Rebuild primary facilities on King Street
3. Added 1200 KVAR capacitor bank to the National Metals Circuit
4. Installed URD facilities at Ashley Taylor South Condos
5. Installed URD facilities at Stratford Crossings
6. Rebuilt lighting at Rollin Rok Lanes
7. Upsized transformer at Maries
8. Rebuilt overhead facilities to 350 State St. Industrial Complex
9. Installed new facilities to Con-Val office building and new facilities to warehouse
10. Installed URD facilities at Grove of Weatherstone II
11. Installed new warning siren at Queens Gate Way
12. Installed new URD service to Petco / MC Sporting Goods
13. Re-conductor primary facilities on High St., Akron Rd. to Prospect
14. Replaced transformer at McDonalds
15. Rebuilt overhead facilities on Baird
16. Relocate URD service for Cornwell Tool expansion

**CITY OF WADSWORTH**  
**MAJOR CHANGES & ADDITIONS – 2007**

17. Install new URD facilities at Tiberon Trace on State Rd.
18. Relocate primary URD facilities and install new lighting at parking lot extension for the Wadsworth 7/8 school building
19. Relocate and rebuild primary overhead facilities for Hartman Rd. / St. Rt. 261 road re-alignment
29. Install primary URD facilities for four new buildings at Wadsworth Crossings
20. Re-conducted URD facilities on Star Lane
21. Relocate and rebuild transmission and overhead primary facilities on College St. for West Chester development
22. Installed new 3 phase URD facilities to Holland Oil Group building on Sharon Copley Rd.
23. Re-conducted overhead facilities on E. Bergey St.
24. Rebuild security lighting at Wadsworth Airport
25. Re-conducted overhead primary on State Rd. south of St. Rt. 261
26. Upsize transformer bank for RBA on College St.
27. Install new URD facilities for West Chester subdivision
28. Install new URD facilities for State St. / Seville Rd. subdivision
29. Install new URD 3 phase service to Weatherstone Commons
30. Rebuild and reconductor Greenwich Rd. from Mennonite to Skypark Airport
31. Installed new dip poles and URD cable for two new circuits out of Holmesbrook Substation
32. Replaced all street lights in commercial part of Great Oaks Trail
33. Replaced all remaining 4KV transformers on system
34. Replaced various underslung disconnect switches with 900amp G.O.A.B.S.
35. Cutover Northside, Rainbow, Chestnut and Southside circuits from 4KV to 12.5 KV
36. Re-conducted 69KV transmission to 636 ASCR from Silvercrest Ext. to South Blvd. and upsized M.O.A.B.S. to 1200 amp.
37. Pulled numerous old poles throughout the service area

**SCADA:**

1. Implemented full hard drive backups on the SCADA work stations to allow for very short downtime in case of system failure on either machine.
2. Developed manuals on each Sub Station showing NTU connection points in the field and how they are programmed into the SCADA master in the SCADA room.

**CITY OF WADSWORTH**  
**MAJOR CHANGES & ADDITIONS – 2007**

**Metering:**

1. Continued solid state kVARH meter installations resulting in a total increase in revenue since beginning the project of \$1,203,887.92 from customers with power factor less than 90 percent. Cost to the City for the purchase of the kVARH meters was \$90,054.49.
2. Continued system-wide meter testing and retirement program.
3. Continue to inventory system for deteriorated meter sockets and antiquated meters which would pose a possible hazard and schedule for replacement.
4. Added CT testing program for verification of CT stability and accuracy.

**Substation Major Changes and Additions**

\* Installed new voltage regulator bypass switch structure, new voltage regulators, new conduit system, and foundations at Holmesbrook Substation. Received new metal-clad switchgear and moved into control building in preparation for final installation.

\* Installed service isolation transformer at Delivery Point Substation

\* Installed new station service facilities at Akron Rd. Substation for general light and power service during maintenance activities requiring a full station outage.

\* Replaced heating system at Akron Rd. Substation with new HVAC system to accommodate increasing use of electronics in substation controls.

\* Constructed and installed capacitor bank controller at Broad St. Substation with aerial control circuit to new capacitor bank on NMA feeder.

\* Applied polymer floor coating on floors of control buildings at Delivery Point, Seville Rd., Akron Rd., Holmesbrook, and Sharon Industrial Park Substations.

\* Installed bonded walkways in containment structures for power transformers at Seville Rd. and Akron Rd. substations.

\* Sandblasted and painted 4 storage container units.

\* Constructed battery maintenance trailer with generator, battery system for facilitating substation battery maintenance.

**Work Completed for Traffic Signals:**

\* Worked to improve performance of video detection systems on new traffic signal installations by changing cameras and re-terminating cables with new weatherproofing kits.

**Other Departments:**

\* Installed new lighting and heaters in new rooms at Transfer Station.

\* Added new power outlets for air conditioners at the Center for Older Adults.

\* Performed extensive maintenance of runway lighting, area lighting, and VASI system at Airport.

\* Installed permanent service facilities for public events at two locations for which temporary services were installed and removed each year as needed to accommodate events.

**CITY OF WADSWORTH**  
**COMMUNITY PROJECTS**

<b><u>January</u></b>	Assisted in removing Christmas decorations and trees.
<b><u>February</u></b>	Participated in job shadow day with Wadsworth High School
<b><u>April</u></b>	Sponsored a Mercury Exchange program as part of Earth Day activities
<b><u>May</u></b>	<p>Installed and removed American and decorative flags in downtown area for Memorial Day and July 4<sup>th</sup>.</p> <p>Participated with Wadsworth High School students during Community Service Day.</p> <p>Participated in high school Student Government Day.</p>
<b><u>June</u></b>	<p>Installed and removed electric facilities for the Blue Tip Festival. Provided aerial lift truck to light the Blue Tip Match.</p> <p>Provided electric service in downtown area for annual Gazebo Concert Series</p>
<b><u>July</u></b>	Provided electric facilities for Gus Macker 3 on 3 Basketball Tournament.
<b><u>August</u></b>	Set goal posts and scoreboard for Wadsworth Youth Football at Steiner Youth Center.
<b><u>September</u></b>	Provided electrical facilities for 'A Taste of Wadsworth'.
<b><u>October</u></b>	Public Power Week – Installed Public Power banners across High St. and Broad St. Gave out live spruce trees, seedlings and CFL light bulbs in an effort to promote conservation.
<b><u>November</u></b>	Assisted in installing Christmas decorations and Christmas trees in town. Installed banners on street light poles downtown and Great Oaks area.

Worked on various other functions, installing and removing banners and flags and other projects for various organizations. Assisted numerous churches with parking lot lighting problems, flag pole problems and electric service needs for charitable events.

## **Wadsworth Communications Network**

### **Construction**

- Westchester Phase 2
- Giant Eagle Complex
- Tiberon Trace Phase 2
- New construction as it arises
- Medina county fiber ?
- Tree trimming
- Customer service on installs and troubleshooting cable plant wiring

### **Television**

- Respond to changes in programming
  - Satellite changes
  - Channel feeds (adds and deletes)
- Discover and Maintain set top stock at an optimum number for customer support
- Internet
  - Obtain redundant path to Internet
  - Provide load balancing between redundant servers and redundant Internet connections.

### **City Network**

- Establish new DNS Servers for automatic redundancy
- DNS conversion for Wadsworthcity to DBJDNS
- Replace DNS hardware
- Develop VPN system to use with external city computers (e.g. travel)
- Move WadsworthCity.com website into new Web-hosting architecture
- Provide redundancy and failover into the system
- Increase network reliability
  - Power supply redistribution using new electric panel
  - New documentation of powering system for network components
  - Continue developing backup for Samba server and Orrville server
- Develop documented standard workstation load and backup procedures
- Review current standard workstation and see if we need a new one
- Develop move efficient department IT reimbursement purchasing procedures
- Develop documented SOP for routine IT procedures
- Document city computer hardware
- Bring Samba server up to full operation city wide
- Continue to develop the Tech Database
  - Create a front end
  - Gather and integrate workstation, server, and network equipment information into database
- Emachine power supply replacement - complete

### **Internet**

Refine anti-spam techniques as spam changes  
Develop plan to move email server to an alternate IP address on T1 for times our email server gets blacklisted

Add second DS3 circuit

- Install and set up hardware (Foundry equipment)

- Move 3660 router behind Foundry equipment

- Institute load balancing between the two DS3 circuits

Finish converting webhosting to qmail and moving webhosting away from blue quartz

Prepare to Change Modulation from QPSK to QAM on forward path

Websites

- City Page (rollout the new system)

- Tv.wadsnet - pkg select page and channel lineup

- Wadsnet events

  - Purchase new module

  - Install and set up module

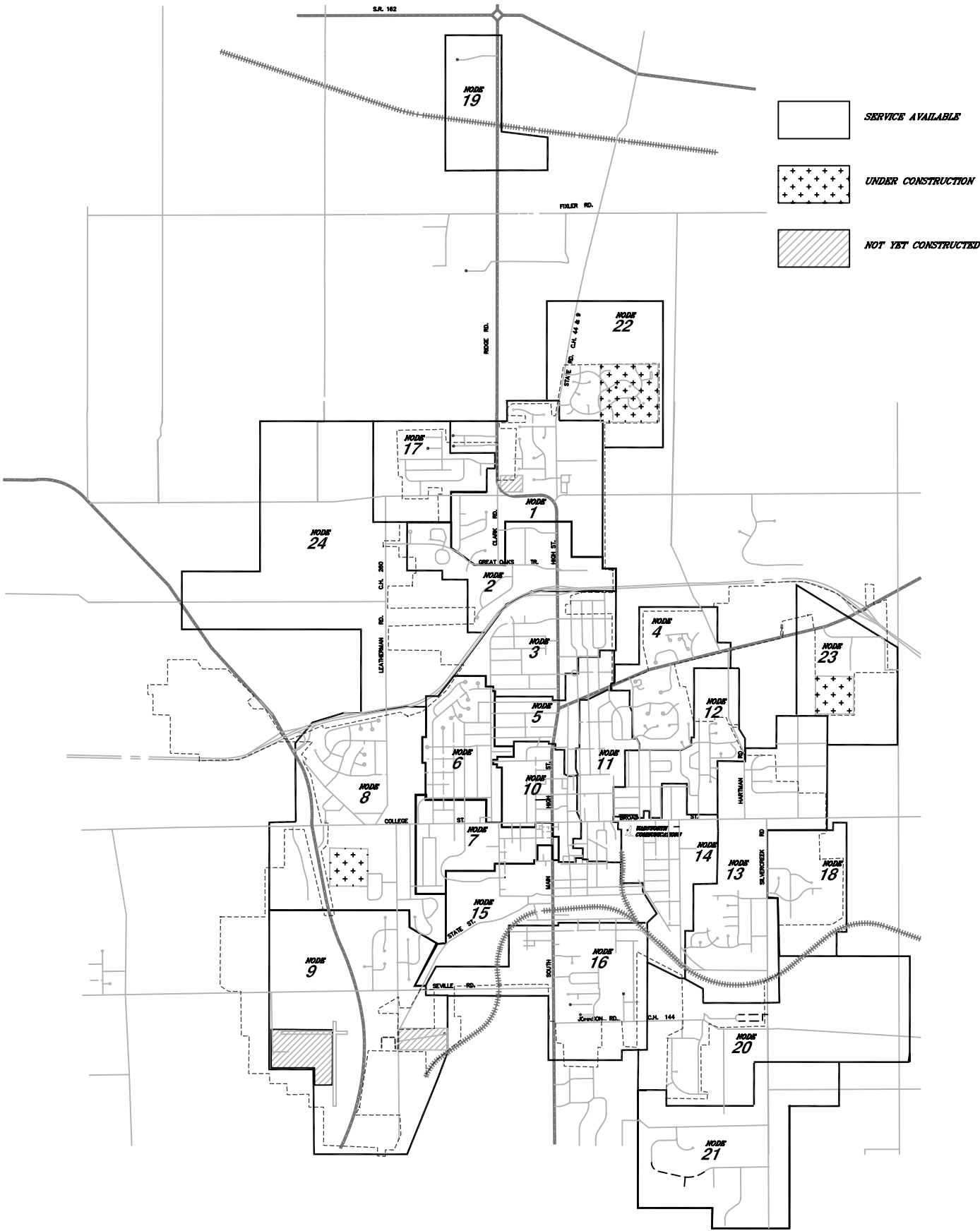
- Weather info

  - Link to weather service (module modification)

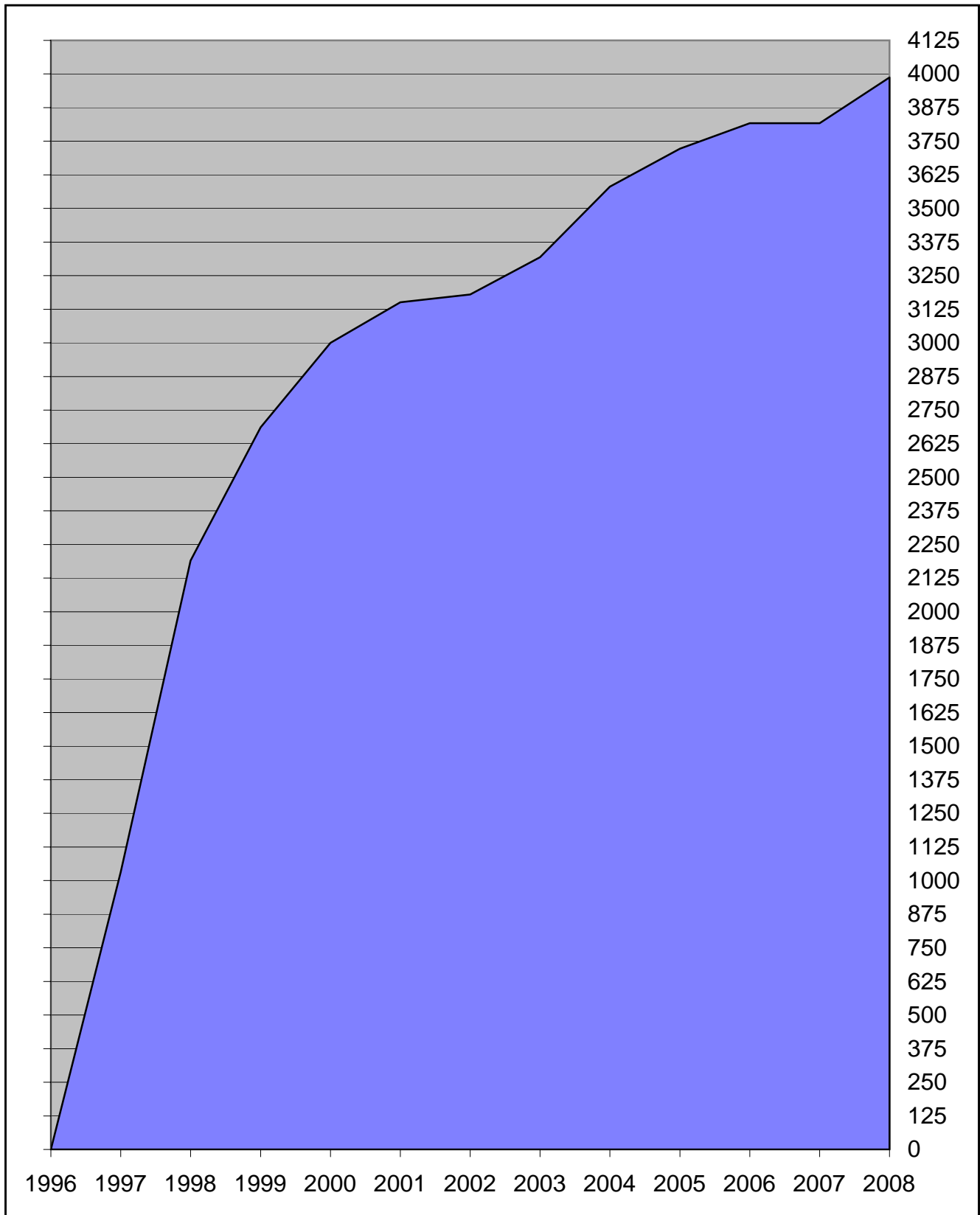
- Convert support pages to Joomla from html

Continue to improve communications between customers and other employees

CITY OF WADSWORTH  
COMMUNICATIONS DEPARTMENT

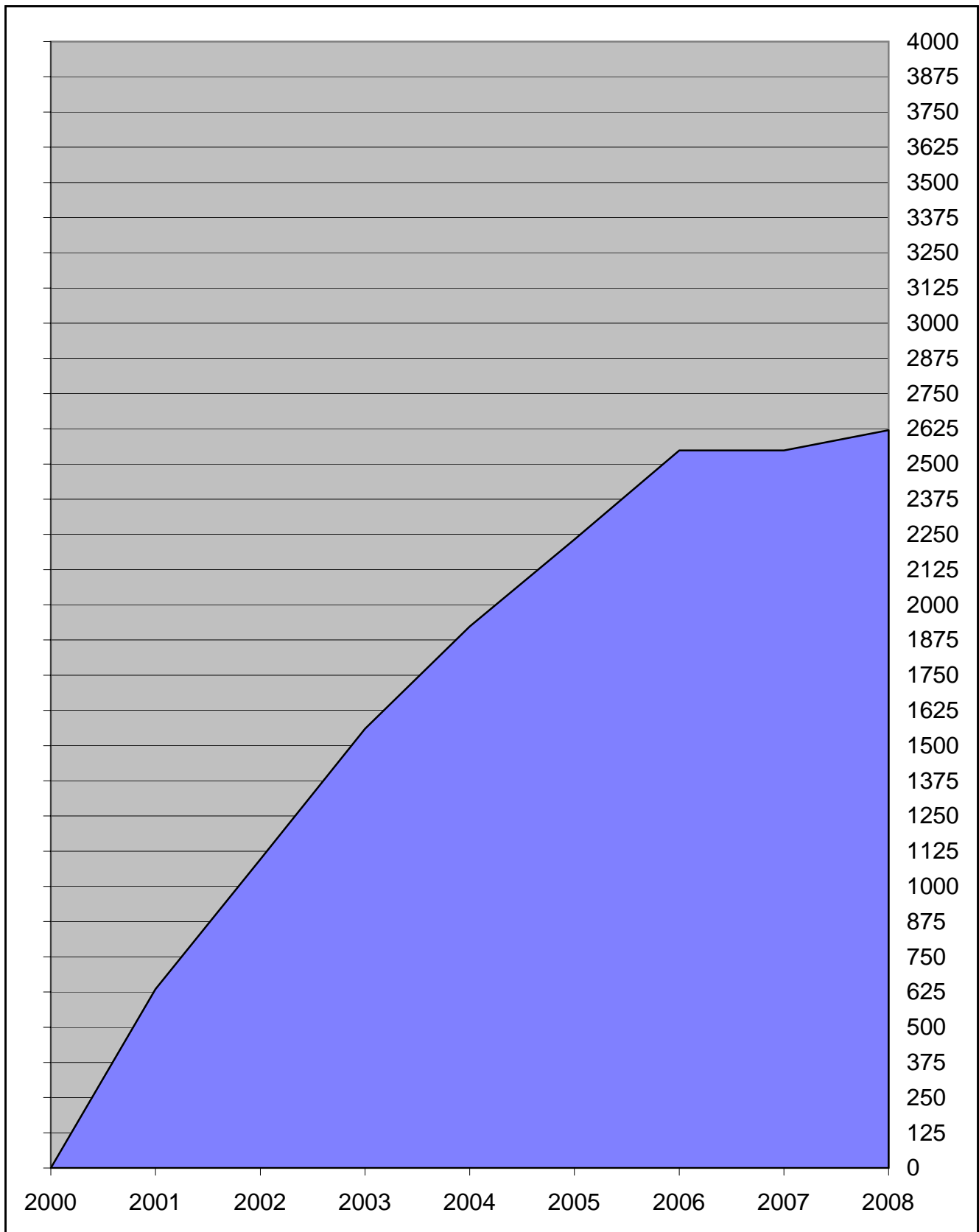


CITY OF WADSWORTH  
ANNUAL TOTAL CABLE TV CUSTOMERS





CITY OF WADSWORTH  
ANNUAL TOTAL INTERNET CUSTOMERS



# CITY OF WADSWORTH

## COMMUNITY METER COUNT AND PEAK USAGE

<b>Community</b>	<b>2006 Meter Count</b>	<b>Community</b>	<b>2006 Peak Usage</b>
Cleveland	79167	Cleveland	331700
Danville VA	48968	Danville VA	230000
Hamilton	30033	Columbus	164000
Cuyahoga Falls	24243	Hamilton	157000
Westerville	15849	Cuyahoga Falls	112040
Bowling Green	14402	Westerville	108328
Columbus	13719	Bowling Green	102513
Wyandotte MI.	12786	Niles	70843
Wadsworth	12155	Wadsworth	67575
Painesville	11613	Piqua	67000
Niles	11158	Wyandotte MI.	65893
Piqua	10673	Orrville	58050
Lebanon	8767	Painesville	57900
Lansdale PA.	7932	Coldwater	57003
Martinsville VA	7602	Dover	49000
Celina	7587	Bryan	48200
Bedford VA	6871	Lebanon	46500
Orrville	6840	Bedford VA	46431
Coldwater	6710	Hudson	45600
Dover	6671	Celina	45195
Ephrata	6589	Martinsville VA	40814
Hudson	6389	Clyde	38955
Galion	6307	St.Marys	38679
Hillsdale	6269	Jackson	38500
Bryan	6030	Wapokeneta	38050
Tipp City	5929	Napoleon	35602
Napoleon	5905	Hillsdale	33107
Amherst	5662	Tipp City	31707
Wapokeneta	5284	Ephrata	30316
Shelby	5258	Lansdale PA	29897
Marshall	4585	Amherst	28832
Quakertown PA.	4390	Galion	25562
Ellwood City PA.	4195	Shelby	24640
Jackson	4153	Oberlin	23190
St.Marys	4128	Quakertown PA	22000
Middletown PA	3949	Minster	20885
Hubbard	3860	Richlands VA	20240
Columbiana	3439	Middletown PA	17845
Blakely PA	3295	Columbiana	17212
Dowagiac Mi	3121	Dowagiac Mi	16454
Lehigton PA	3024	Montepelier	16160
Oberlin	3015	Kutztown PA	15846
Schullykillhaven PA	3012	Blanchester	15529
Grove City PA	2957	Hubbard	15459
Clyde	2951	Wellington	15402
St.Clairsville	2898	Carey	15131
Richlands VA	2640	Ellwood City PA	14977
Newton Falls	2589	Seville	14649
Wellington	2487	Holiday City	13780
Olyphant PA	2413	Holiday City	13780

# CITY OF WADSWORTH

## COMMUNITY METER COUNT AND PEAK USAGE

Community	2006 Meter Count	Community	2006 Peak Usage
Kutztown PA	2403	Versailles	13464
Montepelier	2348	Grove City PA	13073
Blanchester	2183	New Breman	12969
Yellow Springs	2052	St.Clairsville	12871
Saint Clair PA	1904	Lehigton PA	11267
Carey	1900	Newton Falls	11022
Mifflinburg PA	1895	Mifflinburg PA	10889
New Martinsville WV.	1801	Monroeville	10206
Lodi	1800	Blakely PA.	10000
Versailles	1799	New Martinsville WV	9540
Seville	1751	Schullykillhaven PA	9442
Phillipi WV	1692	Lodi	9229
Woodsfield	1569	Yellow Springs	9100
Arcanum	1535	Brewster	8448
New Breman	1527	Girad	7532
Hatfield PA	1514	Grafton	7397
Oak Harbor	1513	Pioneer	6949
Girad PA	1508	Phillipi WV	6728
Union City	1435	Olyphant	6295
Minster	1399	Edgerton	6250
Clinton	1371	Woodsfield	6205
Grafton	1230	Oak Harbor	6101
Weatherly PA	1226	Clinton	5835
Berlin PA.	1117	Hatfield PA	5653
Edgerton	1113	Jackson Center	5450
Genoa	1098	Deshler	5354
Woodville	1058	Arcanum	5299
Smeth Port	1053	Weatherly PA	5221
Deshler	1032	Genoa	4752
Glouster	1017	Marshall	4585
Brewster	956	Berlin PA.	4442
Watsonstown PA	948	Saint Clair PA	4349
Lakeview	934	New Wilimington PA	4325
Elmore	928	Union City	4168
Duncannon PA	909	Greenwich	4112
Plymouth	908	Watsonstown PA	4049
Monroeville	901	Pemberville	3908
Catawissa PA	898	Elmore	3897
Beach City	882	Woodville	3625
Pioneer	805	Plymouth	3154
Greenwich	768	Beach City	3061
East Conemaugh PA	760	Glouster	2821
Jackson Center	754	Lakeview	2791
Prospect	732	Milan	2764
New Wilimington PA	731	Catawissa PA.	2662
Milan	721	New Knoxville	2485
Pemberville	688	Duncannon PA.	2483

## CITY OF WADSWORTH

### COMMUNITY METER COUNT AND PEAK USAGE

<b>Community</b>	<b>2006 Meter Count</b>	<b>Community</b>	<b>2006 Peak Usage</b>
Bradner	605	Prospect	2438
Sycamore	524	Waynesfield	1674
Haskins	500	Sycamore	1667
Marshallville	497	Ohio City	1559
Ohio City	464	Bradner	1546
New Knoxville	452	Haskins	1358
Waynesfield	448	Bloomdale	1324
Royalton PA	407	Arcadia	1281
Hooversville PA	392	Royalton PA	1263
Lucas	361	Marshallville	1259
Mendon	338	Shiloh	1229
Bloomdale	331	East Conemaugh PA	1140
Republic	323	Mendon	1095
Shiloh	317	Eldorado	983
Arcadia	306	Hooversville PA	929
Summerhill PA	302	Republic	918
Eldorado	279	Lucas	909
Cygnnet	266	Cygnnet	851
South Vienna	233	South Vienna	813
Lewisberry PA	193	Summerhill PA	785
Wharton	192	Wharton	783
Custar	118	Custar	699
Holiday City	39	Lewisberry PA	603
Huron	2	Huron	10

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