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# Memorandum

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**To:** Mayor & Members of Council  
**From:** Jon Bisher/*rd*  
**Subject:** General Information  
**Date:** September 6, 2013

## CALENDAR

### AGENDA – **Electric Committee**

Monday, September 9<sup>th</sup> @ 6:30 pm / *with BOPA*

1. *Approval of Minutes* - the August 12<sup>th</sup> meeting minutes are enclosed.
2. *Review/Approval of the Electric Billing Determinants for September, 2013*
  - a. the billing determinants are enclosed.
3. *Electric Department Report* - August 2013 is attached.

### AGENDA – **Water/Sewer Committee**

Monday, September 9<sup>th</sup> @7:00 pm

1. *Approval of Minutes* – the minutes from the July 8<sup>th</sup> meeting are enclosed.
2. *Unison Site Leasing on Water Towers* – the offer from Unison is attached.
3. *Assigning Malinta and Florida Water Contracts to Henry County Regional Water/Sewer District*
  - a. Information on water usage and billing is shown on the attached sheet.

## MEETINGS CANCELLED

1. **Municipal Properties, Buildings, Land Use and Economic Development** Committee
2. **Board of Zoning Appeals**
3. **Planning Commission**

## INFORMATIONAL ITEMS

1. Current list of 2013 Council, Committees, Commissions and Boards

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Records Retention CM-11 - 2 Years

August 2013							September 2013							October 2013						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
				1	2	3	1	2	3	4	5	6	7	6	7	8	9	10	11	12
4	5	6	7	8	9	10	8	9	10	11	12	13	14	13	14	15	16	17	18	19
11	12	13	14	15	16	17	15	16	17	18	19	20	21	20	21	22	23	24	25	26
18	19	20	21	22	23	24	22	23	24	25	26	27	28	27	28	29	30	31		
25	26	27	28	29	30	31	29	30												

 Calendar

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>1</b> BISHER - VACATION Greg Heath - Vacation	<b>2</b> HOLIDAY - LABOR DAY - OFF	<b>3</b> 7:00 PM City COUNCIL Meeting	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>
<b>8</b>	<b>9</b> 6:30 PM Electric Committee Board of Public Affairs (BOPA) 7:00 PM Water/Sewer Committee AV - Rox	<b>10</b>	<b>11</b> 9:00 AM NIEDF Committee Meeting BISHER	<b>12</b> BISHER - VACATION	<b>13</b> BISHER - VACATION	<b>14</b> BISHER - VACATION
<b>15</b> BISHER - VACATION	<b>16</b> 11:30 AM City Employee Picnic @ Oberhaus Shelterhouse 6:00 PM City TREE Commission Meeting 7:00 PM City COUNCIL Meeting 8:00 PM Parks & Rec Committee Mtg. AV - Dar	<b>17</b>	<b>18</b>	<b>19</b>	<b>20</b>	<b>21</b>
<b>22</b>	<b>23</b> 6:30 PM Finance & Budget Committee Mtg. 7:30 PM Safety & Human Resources Committee Mtg. AV - Shery	<b>24</b> AMP - @ Dover, Delaware (BI)	<b>25</b> AMP - @ Dover, Delaware (BI)	<b>26</b> AMP - @ Dover, Delaware (BI)	<b>27</b>	<b>28</b>
<b>29</b>	<b>30</b> 5th Monday-No Scheduled Meet	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>

# City of Napoleon, Ohio

## ELECTRIC COMMITTEE

LOCATION: City Hall Offices, 255 West Riverview Avenue, Napoleon, Ohio

### Meeting Agenda

Monday, September 9, 2013 at 6:30 PM

- I. Approval of Minutes *(In the Absence of any Objections or Corrections, the Minutes Shall Stand Approved)*
  
- II. Review/Approval of the Electric Billing Determinants for September:  
Generation Charge: Residential @ \$.08226; Commercial @ \$.09825;  
Large Power @ \$.05605; Industrial @ \$.05605; Demand Charge Large  
Power @ \$10.78; Industrial @ \$11.46; JV Purchased Cost: JV2 @  
\$.04060; JV5 @ \$.04060
  
- III. Electric Department Report
  
- IV. Any Other Items Currently Assigned to Committee

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Gregory J. Heath, Finance Director/Clerk of Council

City of Napoleon, Ohio  
**ELECTRIC COMMITTEE**

**Meeting Minutes**

Monday, August 12, 2013 at 6:30 PM

**PRESENT**

**Members**  
**BOPA**  
**City Staff**

Jason Maassel – Acting Chair, John Helberg (Pro-Tem)  
Keith Engler, Mike DeWit, Dr. David Cordes  
Dr. Jon A. Bisher, City Manager  
Dennis Clapp, Electric Superintendent  
Christine Peddicord, Asst. Finance Director  
Barbara Nelson  
News Media

**Recorder**  
**Others**

**ABSENT**

**Electric Committee**  
**Staff**

Patrick McColley, Travis Sheaffer  
Greg Heath, Finance Director/Clerk of Council

**Call To Order**

Acting Chairperson Maassel called the meeting to order at 6:30 PM.

**Approval Of Minutes**

The July 8 meeting minutes stand approved as presented with no objections or corrections.

**Review Of Billing Determinants**

The electric billing determinants for August were presented for review.

**Motion To Accept BOPA**  
**Recommendation For Approval**  
**Of Electric Billing Determinants**

Motion: Helberg                      Second: Maassel  
To accept the BOPA recommendation for approval of electric billing determinants for August 2013 as follows:  
Generation Charge: Residential @ \$.08713; Commercial @ \$.10544;  
Large Power @ \$.05623; Industrial @ \$.05623; Demand Charge Large Power @ \$12.35; Industrial @ \$12.92; JV Purchased Cost: JV2 @ \$.00145; JV5 @ \$.00145

**Passed**  
**Yea-2**  
**Nay-0**

Roll call vote on above motion:  
Yea- Maassel, Helberg  
Nay-

**Electric Department Report**

Clapp gave the Electric Department Report (attached). Members discussed the City's gas turbines. DeWit said if the grid goes down, we are the only ones with power because of the gas turbines. That was part of the reason we had them installed. They give us 100% backup. Bisher said some other cities have a capability. Bowling Green and Galion took turbines, but didn't develop them. Shelby and St. Marys may be capable. The disadvantage is when the grid comes back, we have to take a brief outage in order to sync back on.

Engler asked if the solar field can black start in daytime. Clapp said we should be able to, but if we lose our distribution circuits, it would kick out our solar. Cordes asked what the longest period of time citizens went without power for the July 10. Clapp said some customers were out from about 2:00 pm-9:30 pm. Cordes said he lost power, but felt the City did a great job especially considering the number of trees that came down. DeWit said money spent on the tree trimming program is well worth it.

There would have been double the amount of damage otherwise. Clapp said we try to go 3-5 years on trimming trees. This has been the worst year for trimming due to so much moisture and trees growing so fast.

**Rate Levelization Plan**

Bisher said the proposed legislation from AMP for the rate levelization plan said interest would be 1.5%. That was a mistake. The actual rate is .15%. BOPA & the Committee agreed to let AMP do the levelization, but since the rate was listed incorrectly, Bisher wanted to bring it back for review.

DeWit said he still disagrees with this concept. We're trying to be a nanny state when we don't need to be. There will not be that much fluctuation in the rates. It is a can of worms we don't need to be involved in. Our rate will fluctuate that much this year alone. Engler said we are trying to help businesses budget. DeWit said we don't know what prices will be. We are telling people we know when we don't. Engler said we do in a way.

Engler and Cordes said this information will not change their yes votes on going forward with rate levelization. DeWit said his vote remains NO.

**Motion To Adjourn**

Motion: Helberg

Second: Maassel

**Passed**  
**Yea-2**  
**Nay-0**

Roll call vote on above motion:  
Yea- Maassel, Helberg  
Nay

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**Date**

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Jason Maassel, Acting Chair



<b><u>BILLING DETERMINANTS for BI</u></b>									
<b><u>2013 - SEPTEMBER BILLING WITH AUGUST 201</u></b>									
<b><u>PREVIOUS MONTH'S POWER BILLS - PU</u></b>									
<b><u>DATA PERIOD</u></b>									
AMP-Ohio Bill Month									
City-System Data Month									
City-Monthly Billing Cycle									
	<b>(</b>	<b>EFFICIENCY</b>	<b>JV-2</b>	<b>JV-5</b>	<b>JV-6</b>	<b>TRANSMISSION</b>	<b>SERVICE FEES</b>	<b>CITY RATE</b>	<b>TOTAL -</b>
<b>PURCHASED POWER-RESOURCES -&gt;</b>	<b>(</b>	<b>SMART</b>	<b>PEAKING</b>	<b>HYDRO</b>	<b>WIND</b>	<b>CHARGES</b>	<b>DISPATCH, A &amp; B</b>	<b>ADJUSTMENT</b>	<b>ALL</b>
	<b>(</b>	<b>POWER PLANT</b>	<b>SCHED. @ ATSI</b>	<b>7x24 @ ATSI</b>	<b>SCHED. @ ATSI</b>	<b>Other Charges</b>	<b>Other Charges</b>	<b>MONTHLY ADDER</b>	<b>RESOURCES</b>
Delivered kWh (On Peak) ->		0	1,267	2,297,472	21,665				15,316,500
Delivered kWh (Off Peak) ->									203,582
Delivered kWh (Losses/Offset) ->				33,405					1,320,343
Delivered kWh (Credits) ->									-1,685,340
<b>Net Total Delivered kWh as Billed -&gt;</b>		<b>0</b>	<b>1,267</b>	<b>2,330,877</b>	<b>21,665</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>15,155,085</b>
<i>Percent % of Total Power Purchased-&gt;</i>		<i>0.0000%</i>	<i>0.0084%</i>	<i>15.3802%</i>	<i>0.1430%</i>	<i>0.0000%</i>	<i>0.0000%</i>	<i>0.0000%</i>	<i>100.0002%</i>
								<i>Verification Total -&gt;</i>	<i>100.0002%</i>
<b><u>POWER - COSTS OF ENERGY, DEMAND, REACTIVE,</u></b>									
<b><u>DEMAND CHARGES (Debits)</u></b>									
Demand Charges			\$282.53	\$11,623.99	\$1,352.13	\$53,581.66			\$165,441.22
Debt Services (Principal & Interest)				\$64,474.06	\$3,531.00				\$223,283.22
Capital Improvements									\$0.00
Working Capital									\$0.00
<b><u>DEMAND CHARGES (Credits)</u></b>									
Transmission Charges (Demand-Credits)			-\$603.39	-\$4,893.68	-\$129.49				-\$27,956.10
Capacity Credit			-\$200.90	-\$2,593.92	-\$16.52				-\$22,101.90
<b>Sub-Total Demand Charges</b>		<b>\$0.00</b>	<b>-\$521.76</b>	<b>\$68,610.45</b>	<b>\$4,737.12</b>	<b>\$53,581.66</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$338,666.44</b>
<b><u>ENERGY CHARGES (Debits or Adjustments):</u></b>									
Energy Charges - On Peak			\$267.29	\$55,918.98		\$13,310.23			\$677,249.30
Energy Charges - Off Peak									\$5,471.08
Net Congestion, Losses, FTR									\$66,284.30
Transmission Charges (Energy-Debits)									\$25,237.93
ESPP Charges		\$38,168.43							\$38,168.43
Bill Adjustments			\$57.69						\$57.69
<b><u>ENERGY CHARGES (Credits or Adjustments):</u></b>									
Energy Charges - On Peak (Sale or Rate Stabilization)									-\$124,287.17
Net Congestion, Losses, FTR									\$12,870.43
Bill Adjustments									-\$4,947.54
<b>Sub-Total Energy Charges</b>		<b>\$38,168.43</b>	<b>\$324.98</b>	<b>\$55,918.98</b>	<b>\$0.00</b>	<b>\$13,310.23</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$696,104.45</b>
<b><u>COMBINED DEMAND &amp; ENERGY (Debits &amp; Credits A</u></b>									
RPM Charges Capacity - (Debit)						\$32,972.04			\$32,972.04
RPM Charges Capacity - (Credit)						\$0.00			\$0.00
Service Fees AMP-Dispatch Center - (Debit/Credit)							\$1,319.30		\$1,319.30
Service Fees AMP-Part A - (Debit/Credit)							\$2,657.00		\$2,657.00
Service Fees AMP-Part B - (Debit/Credit)							\$7,320.83		\$7,320.83
Other Charges & Bill Adjustments - (Debit/Credit)							\$27.16		\$27.16
City Rate Adjustment in Cost of Power (1)								\$60,000.00	\$60,000.00
<b>Sub-Total Service Fees &amp; Other Charges</b>		<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$32,972.04</b>	<b>\$11,324.29</b>	<b>\$60,000.00</b>	<b>\$104,296.33</b>
<b>TOTAL - ALL COSTS TO ALLOCATE</b>		<b>\$38,168.43</b>	<b>-\$196.78</b>	<b>\$124,529.43</b>	<b>\$4,737.12</b>	<b>\$99,863.93</b>	<b>\$11,324.29</b>	<b>\$60,000.00</b>	<b>\$1,139,067.22</b>
								<i>Verification Total -&gt;</i>	<i>\$1,139,067.22</i>
<i>Purchased Power Resources - Cost per kWh-&gt;</i>		<i>\$0.000000</i>	<i>-\$0.155312</i>	<i>\$0.053426</i>	<i>\$0.218653</i>	<i>\$0.000000</i>	<i>\$0.000000</i>	<i>\$0.000000</i>	<i>\$0.075161</i>
								(Northern Pool Power - On-Peak (or Off-Peak) Energy Charge/kWh) = JV2 Electric Service Rate ->	\$0.040595
								(Northern Pool Power - On-Peak (or Off-Peak) Energy Charge/kWh) = JV5 Electric Service Rate ->	\$0.040595

NOTES: (1) A Permanent \$60,000 Monthly Cost of Pc

**BILLING DETERMINANTS for BILLING CYCLE - SEPTEMBER, 2013**

**2013 - SEPTEMBER BILLING WITH AUGUST 2013 DATA BILLING UNITS**

**PREVIOUS MONTH'S POWER BILLS - PURCHASED POWER KWH AND COST ALLOCATIONS BY DEMAND & ENERGY:**

<u>DATA PERIOD</u>	<u>MONTH</u>			<u>DAYS IN MONTH</u>		<u>SYSTEM PEAK</u>				
AMP-Ohio Bill Month	JULY, 2013			31		31,794				
City-System Data Month	AUGUST, 2013			31						
City-Monthly Billing Cycle	SEPTEMBER, 2013			30						
	(	<u>AMPGS</u>	<u>AMPGS</u>	<u>SALE TO</u>		<u>NAPOLEON</u>	<u>PRAIRIE STATE</u>	<u>NORTHERN</u>	<u>FREEMONT</u>	
<u>PURCHASED POWER-RESOURCES -&gt;</u> (	<u>REPLACEMENT</u>	<u>REPLACEMENT</u>	<u>TEA</u>	<u>AMP CT</u>	<u>NYPA</u>	<u>SOLAR</u>	<u>SCHED. @ PJMC &amp;</u>	<u>POWER</u>	<u>ENERGY</u>	
(	<u>2013 5x16 @ AD</u>	<u>2013 7x24 @ AD</u>	<u>5x16 - 5x16 @ AD</u>	<u>SCHED. @ ATSI</u>	<u>SCHED. @ NYIS</u>	<u>SCHED. @ ATSI</u>	<u>REPLMT@ PJMC</u>	<u>POOL</u>	<u>SCHEDULED</u>	
<b><u>RATIOS COMPUTATION (By Billed Demand and Energy):</u></b>										
DEMAND Ratio	0.0000%	0.0000%	0.0000%	-113.6161%	49.0224%	0.0000%	68.1110%	0.0000%	32.8427%	
ENERGY Ratio	100.0000%	100.0000%	100.0000%	213.6161%	50.9776%	100.0000%	31.8890%	100.0000%	67.1573%	
Verification Total-Ratio's = 100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	
<b><u>COST ALLOCATION TO SERVICE FEES &amp; BILLING AND RATE ADJUSTMENTS - By DEMAND and ENERGY RATIO'S:</u></b>										
<b><u>RPM Charges Capacity</u></b>										
DEMAND - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ENERGY - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Verification Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b><u>Service Fees-AMP Charges (Dispatch, Part A &amp; Part B)</u></b>										
DEMAND - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ENERGY - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Verification Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b><u>Other Charges &amp; Other Bill Adjustments</u></b>										
DEMAND - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ENERGY - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Verification Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b><u>City Rate Adjustment in Cost of Power (1)</u></b>										
DEMAND - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ENERGY - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Verification Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
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Verification Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00



<b><u>BILLING DETERMINANTS for Bi</u></b>									
<b><u>2013 - SEPTEMBER BILLING WITH AUGUST 201</u></b>									
<b><u>PREVIOUS MONTH'S POWER BILLS - PU</u></b>									
<b><u>DATA PERIOD</u></b>									
AMP-Ohio Bill Month									
City-System Data Month									
City-Monthly Billing Cycle									
	(	<b>EFFICIENCY</b>	<b>JV-2</b>	<b>JV-5</b>	<b>JV-6</b>	<b>TRANSMISSION</b>	<b>SERVICE FEES</b>	<b>CITY RATE</b>	<b>TOTAL -</b>
		<b>SMART</b>	<b>PEAKING</b>	<b>HYDRO</b>	<b>WIND</b>	<b>CHARGES</b>	<b>DISPATCH, A &amp; B</b>	<b>ADJUSTMENT</b>	<b>ALL</b>
		<b>POWER PLANT</b>	<b>SCHED. @ ATSI</b>	<b>7x24 @ ATSI</b>	<b>SCHED. @ ATSI</b>	<b>Other Charges</b>	<b>Other Charges</b>	<b>MONTHLY ADDER</b>	<b>RESOURCES</b>
<b><u>RATIOS COMPUTATION (By Billed Demand and Ener</u></b>									
							<b>A-AMP RATIO</b>	<b>B-CITY RATIO</b>	
DEMAND Ratio		0.0000%	265.1489%	55.0958%	100.0000%	80.1019%	31.1346%	34.1595%	
ENERGY Ratio		100.0000%	-165.1489%	44.9042%	0.0000%	19.8981%	68.8654%	65.8405%	
Verification Total-Ratio's = 100.0000%		100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	
<b><u>COST ALLOCATION TO SERVICE FEES &amp; BILLING A</u></b>									
<b><u>RPM Charges Capacity</u></b>									
DEMAND - Allocation based on Ratio		\$0.00	\$0.00	\$0.00	\$0.00	\$26,411.22	\$0.00	\$0.00	\$26,411.22
ENERGY - Allocation based on Ratio		\$0.00	\$0.00	\$0.00	\$0.00	\$6,560.82	\$0.00	\$0.00	\$6,560.82
Verification Total		\$0.00	\$0.00	\$0.00	\$0.00	\$32,972.04	\$0.00	\$0.00	\$32,972.04
<b><u>Service Fees-AMP Charges (Dispatch, Part A &amp; Part I</u></b>									
DEMAND - Allocation based on Ratio		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,517.32	\$0.00	\$3,517.32
ENERGY - Allocation based on Ratio		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$7,779.81	\$0.00	\$7,779.81
Verification Total		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$11,297.13	\$0.00	\$11,297.13
<b><u>Other Charges &amp; Other Bill Adjustments</u></b>									
DEMAND - Allocation based on Ratio		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.46	\$0.00	\$8.46
ENERGY - Allocation based on Ratio		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$18.70	\$0.00	\$18.70
Verification Total		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$27.16	\$0.00	\$27.16
<b><u>City Rate Adjustment in Cost of Power (1)</u></b>									
DEMAND - Allocation based on Ratio		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$20,495.70	\$20,495.70
ENERGY - Allocation based on Ratio		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$39,504.30	\$39,504.30
Verification Total		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$60,000.00	\$60,000.00
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Verification Total		\$0.00	\$0.00	\$0.00	\$0.00	\$32,972.04	\$11,324.29	\$60,000.00	\$104,296.33

<b><u>BILLING DETERMINANTS for BILLING CYCLE - SEPTEMBER, 2013</u></b>						
<b><u>PREVIOUS MONTH'S POWER BILLS - PURCHASED POWER SUPPLY - COST ALLOCATION:</u></b>						
<u>DATA PERIOD</u>	<u>MONTH</u>	<u>DAYS IN MONTH</u>	<u>SYSTEM PEAK</u>			
AMP-Ohio Bill Month	JULY, 2013	31	31,794			
City-System Data Month	AUGUST, 2013	31				
City-Monthly Billing Cycle	SEPTEMBER, 2013	30				
<b><u>PURCHASED POWER SUPPLY - COST ALLOCATION WORKSHEET</u></b>						
<u>Purchased Power Provider</u>	<u>Billing Charges DEMAND</u>	<u>Billing Charges ENERGY</u>	<u>RPM Charges DEMAND</u>	<u>RPM Charges ENERGY</u>	<u>Service Fees-AMP Charges DEMAND</u>	<u>Service Fees-AMP Charges ENERGY</u>
AMPGS-REPLACEMENT 5x16 @ AD	\$0.00	\$132,739.31	\$0.00	\$0.00	\$0.00	\$0.00
AMPGS-REPLACEMENT 7x24 @ AD	\$0.00	\$331,112.16	\$0.00	\$0.00	\$0.00	\$0.00
SALE TO TEA 5x16 @ AD	\$0.00	-\$45,180.59	\$0.00	\$0.00	\$0.00	\$0.00
EFFICIENCY SMART POWER PLANT	\$0.00	\$38,168.43	\$0.00	\$0.00	\$0.00	\$0.00
AMP CT SCHEDULED	-\$7,050.95	\$13,256.89	\$0.00	\$0.00	\$0.00	\$0.00
NYPA SCHEDULED	\$4,678.30	\$4,864.88	\$0.00	\$0.00	\$0.00	\$0.00
NAPOLEON SOLAR SCHEDULED	\$0.00	\$13,820.41	\$0.00	\$0.00	\$0.00	\$0.00
PRAIRE STATE SCHEDULED	\$150,200.01	\$70,322.42	\$0.00	\$0.00	\$0.00	\$0.00
NORTHERN POWER POOL	\$0.00	-\$64,304.24	\$0.00	\$0.00	\$0.00	\$0.00
FREMONT ENERGY SCHEDULED	\$64,431.61	\$131,750.59	\$0.00	\$0.00	\$0.00	\$0.00
JV-2 PEAKING SCHEDULED	-\$521.76	\$324.98	\$0.00	\$0.00	\$0.00	\$0.00
JV-5 HYDRO	\$68,610.45	\$55,918.98	\$0.00	\$0.00	\$0.00	\$0.00
JV-6 WIND	\$4,737.12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TRANSMISSION and Other Charges	\$53,581.66	\$13,310.23	\$26,411.22	\$6,560.82	\$0.00	\$0.00
A - AMP Service Fees- Dispatch, A & B	\$0.00	\$0.00	\$0.00	\$0.00	\$3,517.32	\$7,779.81
B - City Rate Adjustment Added to Cost of Power	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
C - Outdoor Lght.Credit Reconciliation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>TOTALS - ALL</b>	<b>\$338,666.44</b>	<b>\$696,104.45</b>	<b>\$26,411.22</b>	<b>\$6,560.82</b>	<b>\$3,517.32</b>	<b>\$7,779.81</b>
<b><u>RATIOS COMPUTATIONS (By Billed Demand and Energy):</u></b>						
<b><u>A - AMP Service Fees - Ratio Allocation (Excluding JV2, JV5 &amp; JV6, &amp; Service Fees)</u></b>						
Totals - AMP All Billing Costs by Demand and Energy (Excludes: JV2, JV5 & JV6, & AMP Service Fees)						
Ratios to Allocate AMP Service Fees						
<b><u>B - City Rate Adjustment - Ratio Allocation (To Total Cost of Power)</u></b>						
Totals - All Billing Costs both Demand and Energy						
Ratios to Allocate City Rate Adjustment						
<b><u>C - Outdoor Street Lights and Miscellaneou - Ratio Allocation (To ALL Costs of Power, Including City Rate Adjustment)</u></b>						
Totals - All Billing Costs both Demand and Energy						
Ratios to Allocate City Rate Adjustment						
<b><u>Other Cost and Reconciliation Items for Power Supply Cost Allocation Worksheet:</u></b>						
<b><u>C - Outdoor Street Light Reconciliation Credit Computation (Outdoor Street Light Cost by Average Cost of Power)</u></b>						
Total Purchased Power Cost (Cost Per kWh, on Page 3)						
Total Outdoor Street Light kWh by Light Type (on Page 2)						
<b>Net Allocated - Security Street Light Credit</b>						
<b>Less: Security Street Light Corrections (If Any)</b>						
<b>Net Allocated - Security Street Light Credit</b>						

<b><u>BILLING DETERMINANTS for BILLI</u></b>						
<b><u>PREVIOUS MONTH'S POWER BILLS - PURCH</u></b>						
<b><u>DATA PERIOD</u></b>						
AMP-Ohio Bill Month						
City-System Data Month						
City-Monthly Billing Cycle						
<b><u>PURCHASED POWER SUPPLY - COST ALLO</u></b>						
	<b>Other Charges &amp; Bill Adjsmnt.</b>	<b>Other Charges &amp; Bill Adjsmnt.</b>	<b>City Rate Adjustment</b>	<b>City Rate Adjustment</b>	<b>TOTAL COSTS ALLOCATED</b>	
<b>Purchased Power Provider</b>	<b>DEMAND</b>	<b>ENERGY</b>	<b>DEMAND</b>	<b>ENERGY</b>	<b>TOTAL DEMAND</b>	<b>TOTAL ENERGY</b>
AMPGS-REPLACEMENT 5x16 @ AD	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$132,739.31
AMPGS-REPLACEMENT 7x24 @ AD	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$331,112.16
SALE TO TEA 5x16 @ AD	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$45,180.59
EFFICIENCY SMART POWER PLANT	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$38,168.43
AMP CT SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	-\$7,050.95	\$13,256.89
NYPA SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	\$4,678.30	\$4,864.88
NAPOLEON SOLAR SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$13,820.41
PRAIRE STATE SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	\$150,200.01	\$70,322.42
NORTHERN POWER POOL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$64,304.24
FREMONT ENERGY SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	\$64,431.61	\$131,750.59
JV-2 PEAKING SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	-\$521.76	\$324.98
JV-5 HYDRO	\$0.00	\$0.00	\$0.00	\$0.00	\$68,610.45	\$55,918.98
JV-6 WIND	\$0.00	\$0.00	\$0.00	\$0.00	\$4,737.12	\$0.00
TRANSMISSION and Other Charges	\$0.00	\$0.00	\$0.00	\$0.00	\$79,992.88	\$19,871.05
A - AMP Service Fees- Dispatch, A & B	\$8.46	\$18.70	\$0.00	\$0.00	\$3,525.78	\$7,798.51
B - City Rate Adjustment Added to Cost of Power	\$0.00	\$0.00	\$20,495.70	\$39,504.30	\$20,495.70	\$39,504.30
C - Outdoor Lght.Credit Reconciliation	-\$1,607.36	-\$3,098.09	\$0.00	\$0.00	-\$1,607.36	-\$3,098.09
<b>TOTALS - ALL</b>	<b>-\$1,598.90</b>	<b>-\$3,079.39</b>	<b>\$20,495.70</b>	<b>\$39,504.30</b>	<b>\$387,491.78</b>	<b>\$746,869.99</b>
<b><u>RATIOS COMPUTATIONS (By Billed Demand and Energy):</u></b>					<b><u>DEMAND</u></b>	<b><u>ENERGY</u></b>
<b><u>A - AMP Service Fees - Ratio Allocation (Excluding JV:</u></b>						
Totals - AMP All Billing Costs by Demand and Energy (Ex					\$292,251.85	\$646,421.31
Ratios to Allocate AMP Service Fees					31.1346%	68.8654%
<b><u>B - City Rate Adjustment - Ratio Allocation (To Total C</u></b>						
Totals - All Billing Costs both Demand and Energy					\$368,603.44	\$710,463.78
Ratios to Allocate City Rate Adjustment					34.1595%	65.8405%
<b><u>C - Outdoor Street Lights and Miscellaneou - Ratio All</u></b>						
Totals - All Billing Costs both Demand and Energy					\$389,099.14	\$749,968.08
Ratios to Allocate City Rate Adjustment					34.1595%	65.8405%
<b><u>Other Cost and Reconciliation Items for Power Supply</u></b>						
<b><u>C - Outdoor Street Light Reconciliation Credit Comput</u></b>						
Total Purchased Power Cost (Cost Per kWh, on Page 3)	\$0.075161					
Total Outdoor Street Light kWh by Light Type (on Page 2	62,605					
<b>Net Allocated - Security Street Light Credit</b>	<b>-\$4,705.45</b>				<b>-\$1,607.36</b>	<b>-\$3,098.09</b>
<b>Less: Security Street Light Corrections (If Any)</b>	<b>\$0.00</b>				<b>\$0.00</b>	<b>\$0.00</b>
<b>Net Allocated - Security Street Light Credit</b>	<b>-\$4,705.45</b>				<b>-\$1,607.36</b>	<b>-\$3,098.09</b>

**BILLING DETERMINANTS for BILLING CYCLE - SEPTEMBER, 2013****BILLING UNITS - ALLOCATIONS OF KWH and DEMAND & ENERGY COSTS and RATE CALCULATION****BILLING UNITS - ALLOCATION OF KWH & DEMAND USAGE BY CLASS****CITY BILLING UNITS - PRIOR MONTH'S DATA**

<b>Days in AMP-Oh Bill Month</b>	31	JULY, 2013
<b>Coincidental Peak in Month</b>	31,794	JULY, 2013
<b>Days in Data Month</b>	31	AUGUST, 2013

**(kWh G1,G2, G3, & G4 ,- kW D1 & D2)****CITY STREET LIGHTS - kWh ALLOCATION**

<b>Cstmr. Class or Schedule</b>	<b>kWh</b>	<b>Metered kW</b>	<b>Billed kVa</b>	<b>Light</b>	<b>Number of</b>	<b>Monthly kWh</b>	<b>Total kWh</b>
	<b>Sales</b>	<b>Demand</b>	<b>Demand</b>	<b>Type</b>	<b>Lights</b>	<b>Per Light</b>	<b>by Light Type</b>
Residential (Domestic)	3,262,180	0		52W	3	17.16	51
Residential (Rural)	1,268,175	157		70W	87	23.10	2,010
Commercial (1P)	61,937	13		100W	487	33.00	16,071
Commercial (1P)(D)	371,443	2,142		150W	58	49.50	2,871
Commercial (3P)	40	8		157W	2	51.81	104
Commercial (3P)(D)	1,962,171	7,445		250W	335	82.50	27,638
Large Power (D)	3,155,785	8,938	8,938	400W	105	132.00	13,860
Industrial (D)	2,869,856	5,358	5,358				
Interdepartmental	374,031	1,104					
	-----	-----	-----				-----
<b>Total kWh, kW and kVa</b>	13,325,618	25,165	14,296		1,077		62,605

Verification Totals -&gt;

13,325,618

25,165

Street Lights listing - Revised Per Electric Superintendent on 12/19/2012.

**AVERAGE AND EXCESS DEMAND CALCULATION**

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	
		(A / (24 X "Days in AMP Bill Month"))	(B / "System Load Factor")	(C - B)	D/"Tot.Excess Dmd X ("kW Load" - Mthly.Avg.Dmd")	(B + E) System kW Load	
<b>kWh &amp; Demand w/Demand (Actual or Cal.)</b>	<b>Monthly kWh</b>	<b>Monthly Average</b>	<b>Cal. or Actual Maximum</b>	<b>Excess Demand</b>	<b>Allocated Excess Demand</b>	<b>Delivered A &amp; E</b>	
<b>Cstmr. Class or Schedule</b>	<b>Delivered</b>	<b>Demand</b>	<b>Demand</b>	<b>Demand</b>	<b>Demand</b>	<b>A &amp; E</b>	
Residential (Dom) (Cal. D)	3,262,180	4,385	7,748	3,363	2,602	6,987	
Residential (Rural) (Cal. D)	1,268,175	1,705	3,012	1,307	1,011	2,716	
Commercial (1P) (Cal. D)	61,937	83	147	64	50	133	
Commercial (1P) (Actual D)	371,443	499	2,142	1,643	1,271	1,770	
Commercial (3P) (Cal. D)	40	0	0	0	0	0	
Commercial (3P) (Actual D)	1,962,171	2,637	7,445	4,808	3,721	6,358	
Large Power (Actual D)	3,155,785	4,242	8,938	4,696	3,634	7,876	
Industrial (Actual D)	2,869,856	3,857	5,358	1,501	1,162	5,019	
Interdepartmental (Cal. D)	374,031	503	889	386	299	801	
<b>Total Billed System Demand</b>	13,325,618	17,911	35,679	17,768	13,750	31,660	
<b>Outdoor Lights</b>	62,605	84	148	64	50	134	
<b>Total System Demand</b>	<b>13,388,223</b>	17,995	35,827	17,832	13,800	<b>31,794</b>	
<b>System Load Factor:</b>	<b>56.60%</b>	<- Total kWh Del. / (Total Sys.kW Load X 24 X # Days In Data Month)				31,794	<-Verification Total
		<b>13388223 / (31794 x 24 x 31)</b>					

**BILLING DETERMINANTS for BILLING CYCLE - SEPTEMBER, 2013****BILLING UNITS - ALLOCATIONS OF KWH and DEMAND & ENERGY COSTS and RATE CALCULATION****ALLOCATION OF ENERGY AND DEMAND COSTS****ENERGY COST ALLOCATION:**

Total Energy Cost (from Power Bills page):	\$746,870	<b>\$746,870</b>	<- Verification Total - Variations Due To Rounding
		=====	

kWh

	<u>Billing Units</u>	<u>Percent Allocated</u>	<u>Allocated Dollars \$</u>
Res./Interdept. (G1):	4,904,386	36.8043%	\$274,880
Commercial (G2):	2,395,591	17.9773%	\$134,267
Large Power (G3):	3,155,785	23.6821%	\$176,875
Industrial (G4):	2,869,856	21.5364%	\$160,848

Total:	13,325,618	100.0000%	<b>\$746,870</b>	<- Verification Total - Variations Due To Rounding
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Verification Total ->	13,325,618	=====	
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**DEMAND COST ALLOCATION:**

Total Demand Cost (from Power Bills page):	\$387,492	<b>\$387,492</b>	<- Verification Total - Variations Due To Rounding
		=====	

kW/KVA

	<u>Billing Units</u>	<u>Percent Allocated</u>	<u>Allocated Dollars \$</u>
Res./Interdept. (G1):	10,504	33.1775%	\$128,560
Commercial (G2):	8,261	26.0929%	\$101,108
Large Power (G3):	7,876	24.8768%	\$96,396
Industrial (G4):	5,019	15.8528%	\$61,428

Total:	31,660	100.0000%	<b>\$387,492</b>	<- Verification Total - Variations Due To Rounding
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Verification Total ->	31,660	=====	
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**APPLIED GENERATION & DEMAND COSTS TO MONTHLY BILLING RATES****MONTHLY KWH & DEMAND RATE CALCULATION**

<u>SEPTEMBER, 2013</u>	<u>Allocated Costs</u>	<u>Billing Units</u>	<u>PWR.RATES CHARGED</u>
<b><u>JV's Purchased Cost kWh to City</u></b>			
JV2 Joint Venture Rate (JV2 Energy Only)			<b>\$0.04060</b>
JV5 Joint Venture Rate (JV5 Energy Only)			<b>\$0.04060</b>
<b><u>Generation Charge:</u></b>			
Res./Interdept. (G1):	\$403,440	4,904,386	<b>\$0.08226</b>
Commercial (G2):	\$235,375	2,395,591	<b>\$0.09825</b>
Large Power (G3):	\$176,875	3,155,785	<b>\$0.05605</b>
Industrial (G4):	\$160,848	2,869,856	<b>\$0.05605</b>
		=====	
<b><u>Demand Charge:</u></b>			
		13,325,618	
Large Power (D1):	\$96,396	8,938	<b>\$10.78</b>
Industrial (D2):	\$61,428	5,358	<b>\$11.46</b>
Total Billing & Unit Check:	<u>\$1,134,362</u>	<u>13,325,618</u>	
Verification of Billings & Units:	\$1,134,362	13,325,618	<i>Net Costs/kWh</i>
<b>Net Average City Cost of Purchased Power/kWh for Month w/Credits:</b>			<b>\$0.07516</b>
<b>Net Average Customer Cost of Billing per kWh for Prior Billing Month:</b>			<b>\$0.11023</b>



**AMERICAN MUNICIPAL POWER, INC.**

1111 Schrock Rd, Suite 100  
COLUMBUS, OHIO 43229  
PHONE: (614) 540-1111  
FAX: (614) 540-1078

**INVOICE NUMBER:** 178741  
**INVOICE DATE:** 8/15/2013  
**DUE DATE:** 8/30/2013  
**TOTAL AMOUNT DUE:** \$941,826.84  
**CUSTOMER NUMBER:** 5020  
**CUSTOMER P.O. #:** RG10046

**City of Napoleon**

Gregory J. Heath, Finance Director  
255 W. Riverview Ave., P.O. Box 151  
Napoleon, Ohio 43545-0151

PLEASE WRITE INVOICE NUMBER ON  
REMITTANCE AND RETURN YELLOW INVOICE  
COPY. MAKE CHECK PAYABLE TO AMP.

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**Northern Power Pool Billing - July, 2013**

MUNICIPAL PEAK: 31,794 kW  
TOTAL METERED ENERGY: 15,251,724 kWh

**Do Not Pay  
Paid by E-Pay  
American Municipal Pwr, Inc.  
Ray Merrill  
614-540-1111 ext. 0914**

Total Power Charges: \$830,638.62  
Total Transmission Charges: \$99,863.93  
Total Other Charges: \$11,324.29  
Total Miscellaneous Charges: \$0.00

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**GRAND TOTAL POWER INVOICE: \$941,826.84**

**DETAIL INFORMATION OF POWER CHARGES July , 2013**  
**Napoleon**

<b>FOR THE MONTH OF:</b>	July, 2013	<b>Total Metered Load kWh:</b>	15,251,724
		<b>Transmission Losses kWh:</b>	-96,639
		<b>Distribution Losses kWh:</b>	0
		<b>Total Energy Req. kWh:</b>	15,155,085
<b>TIME OF FENTS PEAK:</b>	<b>07/18/2013 @ H.E. 15:00</b>	<b>COINCIDENT PEAK kW:</b>	31,794
<b>TIME OF MUNICIPAL PEAK:</b>	<b>07/18/2013 @ H.E. 15:00</b>	<b>MUNICIPAL PEAK kW:</b>	31,794
<b>TRANSMISSION PEAK:</b>	<b>7/17/2012 HE 16:00 EST</b>	<b>TRANSMISSION PEAK kW:</b>	33,431
		<b>PJM Capacity Requirement kW:</b>	32,514

**Napoleon Resources**

**AMP CT - Sched @ ATSI**

Demand Charge:	\$1.850000	/ kW *	12,400 kW =	\$22,940.00
Energy Charge:	\$0.068431	/ kWh *	193,727 kWh =	\$13,256.89
Transmission Credit:	\$1.800769	/ kW *	-12,400 kW =	-\$22,329.54
Capacity Credit:	\$0.617855	/ kW *	-12,400 kW =	-\$7,661.41
<b>Subtotal</b>	<b>\$0.032034</b>	<b>/ kWh *</b>	<b>193,727 kWh =</b>	<b>\$6,205.94</b>

**Fremont - sched @ Fremont**

Demand Charge:	\$3.140000	/ kW *	8,767 kW =	\$27,528.38
Energy Charge:	\$0.029003	/ kWh *	3,999,421 kWh =	\$115,996.40
Net Congestion, Losses, FTR:	\$0.005457	/ kWh *		\$21,822.95
Capacity Credit:	\$0.838212	/ kW *	-8,767 kW =	-\$7,348.61
Debt Service	\$5.047546	/ kW	8,767 kW	\$44,251.84
Adjustment for prior month:				-\$6,068.75
<b>Subtotal</b>	<b>\$0.049053</b>	<b>/ kWh *</b>	<b>3,999,421 kWh =</b>	<b>\$196,182.20</b>

**Prairie State - Sched @ PJMC**

Demand Charge:	\$8.573407	/ kW *	4,976 kW =	\$42,661.27
Energy Charge:	\$0.008684	/ kWh *	1,839,726 kWh =	\$15,975.33
Net Congestion, Losses, FTR:	\$0.009922	/ kWh *		\$18,253.53
Capacity Credit:	\$0.700883	/ kW *	-4,976 kW =	-\$3,487.59
Debt Service	\$22.312363	/ kW	4,976 kW	\$111,026.32
Transmission from PSEC to PJM/MISO	\$0.013718	/ kWh	1,839,726 kWh	\$25,237.93
Board Approved Rate Levelization				-\$59,385.88
<b>Subtotal</b>	<b>\$0.081687</b>	<b>/ kWh *</b>	<b>1,839,726 kWh =</b>	<b>\$150,280.91</b>

**Prairie State Replacement from Pool - sched @ PJMC**

Energy Charge:	\$0.043247	/ kWh *	1,286,938 kWh =	\$55,655.72
Net Congestion, Losses, FTR:	\$0.011334	/ kWh *		\$14,585.80
<b>Subtotal</b>	<b>\$0.054580</b>	<b>/ kWh *</b>	<b>1,286,938 kWh =</b>	<b>\$70,241.52</b>

**JV6 - Sched @ ATSI**

Demand Charge:			300 kW	
Energy Charge:			21,665 kWh	
Transmission Credit:	\$0.431630	/ kW *	-300 kW =	-\$129.49
Capacity Credit:	\$0.055067	/ kW *	-300 kW =	-\$16.52
<b>Subtotal</b>	<b>-\$0.006739</b>	<b>/ kWh *</b>	<b>21,665 kWh =</b>	<b>-\$146.01</b>

**NYPA - Sched @ NYIS**

Demand Charge:	\$5.795828	/ kW *	944 kW =	\$5,471.26
Energy Charge:	\$0.012671	/ kWh *	430,816 kWh =	\$5,459.03
Net Congestion, Losses, FTR:	-\$0.003982	/ kWh *		-\$1,715.37
Capacity Credit:	\$0.840000	/ kW *	-944 kW =	-\$792.96
Adjustment for prior month:				\$1,121.22
<b>Subtotal</b>	<b>\$0.022151</b>	<b>/ kWh *</b>	<b>430,816 kWh =</b>	<b>\$9,543.18</b>

**JV5 - 7X24 @ ATSI**

Demand Charge:			3,088 kW	
Energy Charge:			2,297,472 kWh	
Transmission Credit:	\$1.584741	/ kW *	-3,088 kW =	-\$4,893.68
Capacity Credit:	\$0.840000	/ kW *	-3,088 kW =	-\$2,593.92
<b>Subtotal</b>	<b>-\$0.003259</b>	<b>/ kWh *</b>	<b>2,297,472 kWh =</b>	<b>-\$7,487.60</b>

**JV5 Losses - Sched @ ATSI**

Energy Charge:			33,405 kWh	
<b>Subtotal</b>	<b>#N/A</b>	<b>/ kWh *</b>	<b>33,405 kWh =</b>	<b>\$0.00</b>

**JV2 - Sched @ ATSI**

Demand Charge:			264 kW	
Energy Charge:	\$0.210912	/ kWh *	1,267 kWh =	\$267.29
Transmission Credit:	\$2.285581	/ kW *	-264 kW =	-\$603.39
Capacity Credit:	\$0.760973	/ kW *	-264 kW =	-\$200.90
<b>Subtotal</b>	<b>-\$0.423739</b>	<b>/ kWh *</b>	<b>1,267 kWh =</b>	<b>-\$537.00</b>

**Napoleon Solar - sched @ ATSI**

Demand Charge:			1,040 kW	
Energy Charge:	\$0.085000	/ kWh *	162,593 kWh =	\$13,820.41
<b>Subtotal</b>	<b>\$0.085000</b>	<b>/ kWh *</b>	<b>162,593 kWh =</b>	<b>\$13,820.41</b>

**AMPGS Replacement 2013 5x16 - 5x16 @ AD**

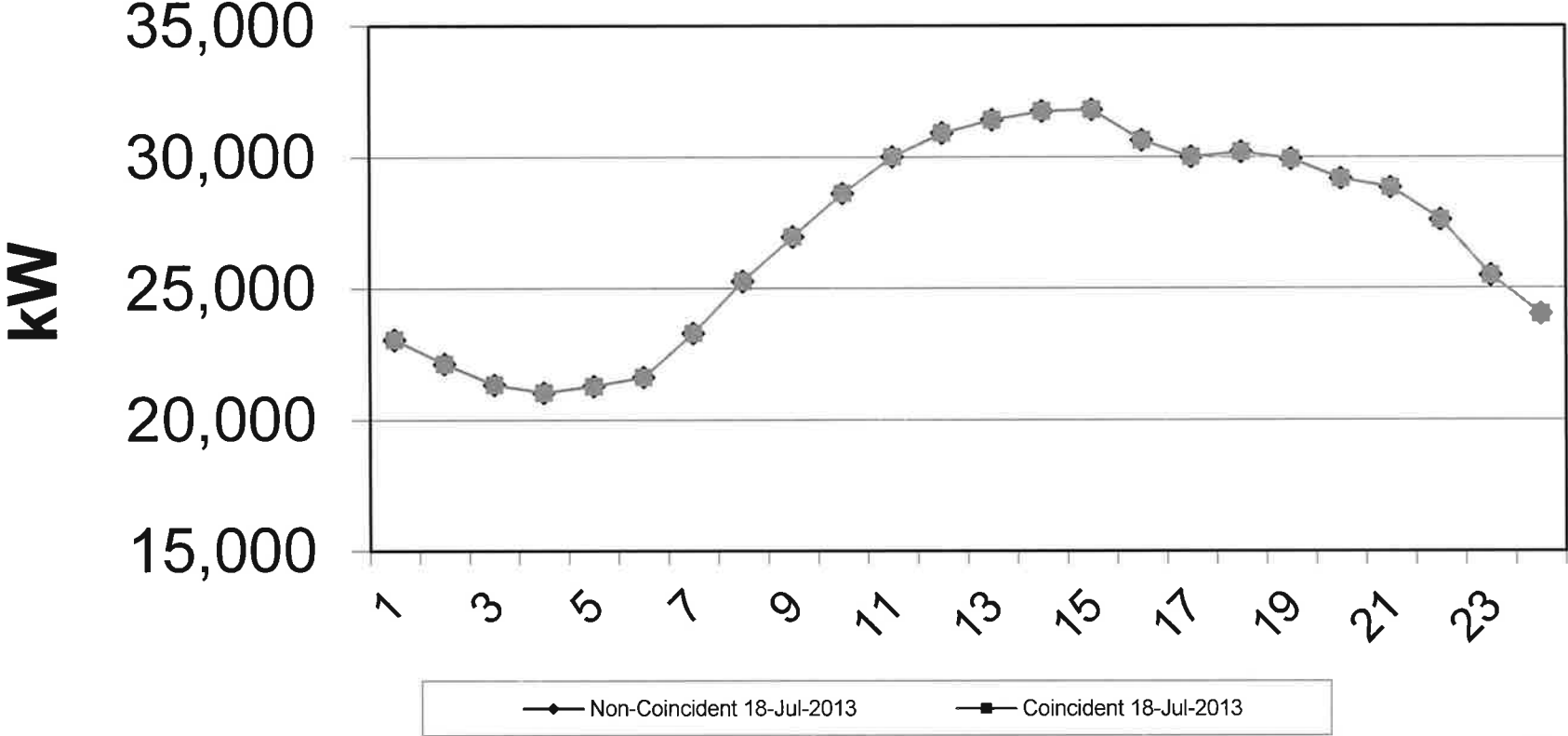
**DETAIL INFORMATION OF POWER CHARGES July , 2013**  
**Napoleon**

Demand Charge:			5,000 kW	
Energy Charge:	\$0.069210	/ kWh *	1,760,000 kWh =	\$121,809.60
Net Congestion, Losses, FTR:	\$0.006210	/ kWh *		\$10,929.71
<b>Subtotal</b>	<b>\$0.075420</b>	<b>/ kWh *</b>	<b>1,760,000 kWh =</b>	<b>\$132,739.31</b>
<b>AMPGS Replacement 2013 7x24 - 7x24 @ AD</b>				
Demand Charge:			7,000 kW	
Energy Charge:	\$0.059750	/ kWh *	5,208,000 kWh =	\$311,178.00
Net Congestion, Losses, FTR:	\$0.003828	/ kWh *		\$19,934.16
<b>Subtotal</b>	<b>\$0.063578</b>	<b>/ kWh *</b>	<b>5,208,000 kWh =</b>	<b>\$331,112.16</b>
<b>Sale to TEA (Jul13-Aug13) 5x16 - 5x16 @ AD</b>				
Demand Charge:			-2,130 kW	
Energy Charge:	\$0.054050	/ kWh *	-749,760 kWh =	-\$40,524.53
Net Congestion, Losses, FTR:	\$0.006210	/ kWh *		-\$4,656.05
<b>Subtotal</b>	<b>\$0.060260</b>	<b>/ kWh *</b>	<b>-749,760 kWh =</b>	<b>-\$45,180.58</b>
<b>EFFICIENCY SMART POWER PLANT</b>				
ESPP charges @ \$3.095 /MWh x 147,987.5 MWh / 12				\$38,168.43
<b>Subtotal</b>				<b>\$38,168.43</b>
<b>Northern Power Pool:</b>				
On Peak Energy Charge: (M-F HE 08-23 EDT)	\$0.059024	/ kWh *	151,573 kWh =	\$8,946.37
Off Peak Energy Charge:	\$0.026874	/ kWh *	203,582 kWh =	\$5,471.08
Sale of Excess Non-Pool Resources to Pool	\$0.046710	/ kWh *	-1,685,340 kWh =	-\$78,721.69
<b>Subtotal</b>	<b>\$0.048342</b>	<b>/ kWh *</b>	<b>-1,330,185 kWh =</b>	<b>-\$64,304.24</b>
<b>Total Demand Charges:</b>				<b>\$203,821.07</b>
<b>Total Energy Charges:</b>				<b>\$626,817.55</b>
<b>Total Power Charges:</b>			<b>15,155,085 kWh</b>	<b>\$830,638.62</b>
<b>TRANSMISSION CHARGES:</b>				
Demand Charge:	\$1.602754	/ kW *	33,431 kW =	\$53,581.66
Energy Charge:	\$0.001035	/ kWh *	12,857,613 kWh =	\$13,310.23
RPM (Capacity) Charges:	\$1.014100	/ kW *	32,514 kW =	\$32,972.04
<b>TOTAL TRANSMISSION CHARGES:</b>	<b>\$0.007767</b>	<b>/ kWh *</b>	<b>12,857,613 kWh =</b>	<b>\$99,863.93</b>
Dispatch Center Charges:	\$0.000087	/ kWh *	15,251,724 kWh =	\$1,319.30
<b>Service Fee Part A,</b>				
Based on Annual Municipal Sales	\$0.000204	/ kWh *	156,294,126 kWh 1/12 =	\$2,657.00
SF A adjustment for Jan-June 2013				\$27.16
<b>Service Fee Part B,</b>				
Energy Purchases	\$0.000480	/ kWh *	15,251,724 kWh =	\$7,320.83
<b>TOTAL OTHER CHARGES:</b>				<b>\$11,324.29</b>
<b>GRAND TOTAL POWER INVOICE:</b>				<b>\$941,826.84</b>



Napoleon Capacity Plan - Actual												
Jul	2013	ACTUAL DEMAND = 31.794		MW								
Days	31	ACTUAL ENERGY = 15,252		MWH								
	SOURCE	DEMAND	ENERGY	LOAD	DEMAND ENERGY		DEMAND	ENERGY	TOTAL	EFFECTIVE	%	
	(1)	MW	MWH	FACTOR	RATE	RATE	CHARGE	CHARGE	CHARGES	RATE	OF	
		(2)	(4)	(5)	\$/KW	\$/MWH	(9)	(10)	(11)	\$/MWH	DOLLARS	
					(6)	(7)				(12)	(13)	
1	NPP Pool Purchases	0.00	355	0%	\$0.00	\$40.59	\$0	\$14,417	\$14,417	\$40.59	1.3%	
2	NPP Pool Sales	0.00	-1,685	0%	\$0.00	\$46.71	\$0	-\$78,722	-\$78,722	\$46.71	-7.3%	
3	AFEC	8.77	3,999	61%	\$6.66	\$34.46	\$58,363	\$137,819	\$196,182	\$49.05	18.2%	
4	Prairie State	4.98	1,840	50%	\$23.32	\$18.61	\$116,052	\$34,229	\$150,281	\$81.69	14.0%	
5	NYPA - Ohio	0.94	431	61%	\$4.96	\$11.29	\$4,678	\$4,865	\$9,543	\$22.15	0.9%	
6	JV5	3.09	2,297	100%	\$22.22	\$24.34	\$68,610	\$55,919	\$124,529	\$54.20	11.6%	
7	JV6	0.30	22	10%	\$15.79	\$0.00	\$4,737	\$0	\$4,737	\$218.65	0.4%	
8	Napoleon Solar	1.04	163	21%	\$0.00	\$85.00	\$0	\$13,820	\$13,820	\$85.00	1.3%	
9	AMPGS Replace 7x24	7.00	5,208	100%	\$0.00	\$63.58	\$0	\$331,112	\$331,112	\$63.58	30.8%	
10	AMPGS Replace 5x16	5.00	1,760	47%	\$0.00	\$75.42	\$0	\$132,739	\$132,739	\$75.42	12.3%	
11	Monthly 5x16 Sale	-2.13	-750	47%	\$0.00	\$60.26	\$0	-\$45,181	-\$45,181	\$60.26	-4.2%	
12	Prairie State Replacement from Po	0.00	1,287	0%	\$0.00	\$54.58	\$0	\$70,242	\$70,242	\$54.58	6.5%	
13	AMPCT	12.40	194	2%	-\$0.57	\$68.43	-\$7,051	\$13,257	\$6,206	\$32.03	0.6%	
14	JV2	0.26	1	1%	-\$1.76	\$210.92	-\$464	\$267	-\$197	-\$155.36	0.0%	
	<b>POWER TOTAL</b>	<b>41.65</b>	<b>15,122</b>	<b>49%</b>			<b>\$244,926</b>	<b>\$684,785</b>	<b>\$929,711</b>	<b>\$61.48</b>	<b>86.4%</b>	
15	Energy Efficiency		0		\$0.00	\$0.00	\$0	\$38,168	\$38,168	\$0.00	3.5%	
16	Installed Capacity	32.51			\$1.01		\$32,972	\$0	\$32,972	\$2.16	3.1%	
17	TRANSMISSION	33.43	12,858		\$1.60	\$1.04	\$53,582	\$13,310	\$66,892	\$4.39	6.2%	
18	Distribution Charge	31.79			\$0.00	\$0.00	\$0	\$0	\$0	\$0.00	0.0%	
19	Service Fee B		15,252			\$0.48		\$7,321	\$7,321	\$0.48	0.7%	
20	Dispatch Charge		15,252			\$0.09		\$1,319	\$1,319	\$0.09	0.1%	
	<b>OTHER TOTAL</b>						<b>\$86,554</b>	<b>\$60,119</b>	<b>\$146,672</b>	<b>\$9.62</b>	<b>13.6%</b>	
	<b>GRAND TOTAL PURCHASED</b>		<b>15,122</b>				<b>\$331,479</b>	<b>\$744,904</b>	<b>\$1,076,383</b>			
	Delivered to members	31.794	15,252	64%			\$331,479	\$744,904	\$1,076,383	\$70.57	100.0%	
		DEMAND	ENERGY	L.F.				TOTAL \$	\$/MWh	Avg Temp		
	2013 Forecast	31.64	15,921	68%				\$1,001,645	\$62.91	73.0		
	2012 Actual	33.71	17,353	69%				\$1,056,099	\$60.86	77.9		
	2011 Actual	33.37	16,792	68%				\$1,162,926	\$69.26	78.8		
								Actual Temp		72.2		

# Napoleon Peak Day Load Curve



NAPOLEON

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday
Date	7/1/2013	7/2/2013	7/3/2013	7/4/2013	7/5/2013	7/6/2013	7/7/2013	7/8/2013	7/9/2013	7/10/2013	7/11/2013	7/12/2013	7/13/2013	7/14/2013	7/15/2013
Hour															
100	16,054	15,944	16,691	14,003	14,083	15,002	13,441	16,100	19,098	19,503	17,192	17,410	15,326	16,088	19,967
200	15,734	15,796	16,377	13,230	13,626	14,418	12,944	15,336	18,470	19,287	16,723	16,777	14,598	15,385	19,635
300	15,402	15,526	16,126	12,823	13,297	14,006	12,521	14,866	18,020	18,852	16,509	16,729	14,247	16,289	19,040
400	15,558	15,493	16,066	12,598	13,266	13,778	12,322	15,270	18,187	19,305	16,553	16,348	13,986	14,189	18,978
500	16,672	16,244	16,804	12,592	13,685	13,766	12,380	16,471	18,868	20,120	17,063	16,741	14,153	14,053	19,451
600	17,101	16,953	17,296	12,284	13,769	13,483	12,129	17,590	19,425	20,464	17,427	16,729	13,875	13,869	19,876
700	17,955	18,021	18,388	12,509	14,648	14,186	12,637	19,435	20,900	22,179	18,881	18,261	14,607	14,891	21,785
800	18,998	19,058	19,598	13,339	16,125	15,519	13,316	21,180	22,717	24,287	20,223	19,719	15,905	16,239	24,086
900	19,820	19,643	20,384	14,799	17,300	16,508	14,286	22,894	23,573	25,900	21,404	20,387	17,352	17,969	25,744
1000	20,175	20,423	21,668	16,052	18,499	17,408	15,038	24,248	24,918	27,653	22,167	21,356	18,252	19,579	27,395
1100	20,272	20,626	22,273	16,891	19,544	18,213	15,896	25,373	25,786	28,625	22,782	21,970	19,018	21,123	28,772
1200	20,505	20,610	22,925	17,519	19,690	18,101	16,828	26,462	27,167	28,808	22,925	22,400	19,806	22,262	29,587
1300	20,567	20,480	23,539	17,923	19,488	18,659	17,357	26,748	28,193	28,534	23,722	23,053	20,117	22,783	30,019
1400	20,226	20,578	24,089	17,894	19,621	18,501	18,140	26,801	29,089	19,109	24,019	23,275	20,348	23,270	30,573
1500	20,498	20,493	24,398	17,661	20,081	18,269	18,857	26,564	26,078	22,252	23,905	23,189	20,719	23,507	30,125
1600	20,251	20,481	24,334	17,398	20,771	18,252	17,581	26,013	26,838	22,098	23,934	22,862	21,248	24,089	30,156
1700	19,909	19,813	24,045	17,114	20,699	18,003	16,812	25,025	25,753	22,880	23,888	22,572	21,523	23,861	29,875
1800	19,459	19,447	23,295	17,015	20,171	17,606	17,102	24,715	24,463	23,967	23,628	21,999	21,634	24,330	30,053
1900	18,730	19,144	22,296	16,901	19,593	17,153	16,869	24,165	23,888	23,479	23,097	21,507	21,384	24,257	29,409
2000	18,824	19,031	21,735	16,250	18,981	17,030	16,748	23,510	23,600	22,654	22,025	20,555	20,367	23,833	28,560
2100	19,412	19,643	21,593	15,920	19,235	17,352	17,736	23,446	23,754	22,266	21,723	20,281	19,768	23,732	28,325
2200	18,760	19,325	19,915	15,249	18,721	16,500	17,712	22,536	22,977	21,459	20,901	19,384	19,210	23,360	27,013
2300	17,639	18,083	16,396	15,587	17,202	14,987	17,078	21,464	21,567	19,787	19,250	17,426	17,933	21,990	25,173
2400	16,574	17,256	14,874	14,826	15,974	14,150	16,632	20,264	20,265	18,390	18,175	16,251	16,858	20,794	23,780
Total	445,095	448,111	485,105	368,377	402,095	390,850	372,362	526,476	553,594	541,858	498,116	476,741	432,234	480,202	617,377

	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday
Date	7/16/2013	7/17/2013	7/18/2013	7/19/2013	7/20/2013	7/21/2013	7/22/2013	7/23/2013	7/24/2013	7/25/2013	7/26/2013	7/27/2013	7/28/2013	7/29/2013	7/30/2013	7/31/2013
Hour																
100	22,635	23,152	23,054	22,672	20,898	16,624	18,856	19,115	17,667	16,905	17,144	16,255	13,201	14,899	16,366	18,189
200	21,856	21,997	22,140	22,006	19,928	15,922	18,127	18,388	17,145	16,608	16,906	15,559	12,871	14,874	16,028	17,874
300	21,111	21,189	21,334	21,244	19,419	15,369	17,789	17,652	16,606	16,328	16,505	15,219	12,593	14,891	15,804	17,498
400	20,734	20,808	21,038	20,948	18,196	15,108	18,038	17,720	16,560	16,523	16,438	14,823	12,566	15,112	15,928	17,451
500	20,905	21,124	21,280	21,603	18,058	15,067	18,635	18,395	17,016	17,031	16,780	14,950	12,740	15,712	16,561	17,952
600	21,282	21,420	21,619	22,023	18,403	14,650	19,321	19,076	17,112	17,375	17,139	15,306	12,484	16,122	17,022	18,654
700	22,678	22,882	23,293	23,937	18,481	15,079	20,760	20,475	18,342	18,407	18,261	15,809	12,648	17,223	18,112	19,465
800	24,754	25,003	25,259	25,967	19,210	16,208	21,689	21,633	19,526	19,379	19,193	16,580	13,081	18,580	19,523	20,444
900	26,685	26,791	26,949	27,768	20,421	17,702	22,652	23,150	20,205	20,079	20,132	17,455	13,566	19,199	20,480	20,888
1000	28,288	28,455	28,601	29,400	21,144	19,046	23,578	24,740	20,987	20,861	21,465	17,944	14,147	19,803	21,364	21,813
1100	29,351	29,353	30,012	30,178	22,174	20,482	23,411	25,879	21,431	21,369	21,845	18,323	14,652	20,263	21,907	22,303
1200	30,129	30,273	30,903	31,102	22,399	21,339	23,464	26,485	21,636	22,679	22,122	18,048	14,968	20,449	22,096	23,044
1300	30,602	31,009	31,402	31,326	23,070	21,920	23,387	27,180	21,760	22,081	22,612	18,239	14,815	20,779	22,663	23,503
1400	30,778	30,988	31,727	30,761	23,590	22,532	23,774	27,268	21,780	22,033	22,695	18,072	14,787	20,741	22,873	23,177
1500	30,754	31,002	31,794	30,827	23,816	23,545	23,825	27,066	21,600	22,008	22,500	17,714	15,268	20,091	22,549	22,771
1600	31,014	31,314	30,634	30,694	23,856	24,099	24,346	27,619	21,578	22,364	22,117	17,961	15,220	20,096	22,638	23,005
1700	30,677	30,930	30,002	30,190	24,354	24,252	24,281	27,119	21,683	21,996	21,809	17,808	15,336	19,646	22,563	22,101
1800	30,861	30,809	30,192	29,641	23,729	23,814	24,224	26,338	21,363	21,614	21,395	17,207	15,600	19,488	21,769	21,626
1900	30,229	30,411	29,924	28,764	22,553	23,206	23,811	24,971	20,346	21,222	20,581	16,594	15,813	19,147	20,949	21,326
2000	29,607	29,529	29,176	27,680	21,849	22,584	23,064	24,007	19,877	20,673	20,348	16,022	15,673	18,901	21,121	21,370
2100	29,081	29,183	28,840	27,238	21,628	22,482	23,366	19,921	19,921	21,032	20,828	16,209	16,453	19,585	21,775	21,680
2200	27,974	28,104	27,590	25,943	21,009	21,886	22,461	22,071	19,191	20,134	19,506	15,710	16,340	20,799	20,826	21,680
2300	26,157	26,240	25,479	23,857	19,412	20,957	21,084	20,169	18,291	18,825	17,782	14,668	15,672	17,714	19,525	19,521
2400	24,513	24,587	23,999	21,957	17,879	20,015	19,888	18,658	17,449	17,706	16,853	13,820	15,291	16,908	18,852	18,756
Total	642,655	621,966	646,241	637,726	505,476	473,888	523,831	548,805	469,072	474,232	472,956	396,295	345,785	439,138	479,267	495,237
											Maximum	31,794	Minimum	12,129	Grand Total	15,251,724



**Omega Joint Venture Two**

1111 Schrock Rd, Suite 100  
 COLUMBUS, OHIO 43229  
 PHONE: (614) 540-1111  
 FAX: (614) 540-1078

**City of Napoleon**  
 Gregory J. Heath, Finance Director  
 255 W. Riverview Ave., P.O. Box 151  
 Napoleon, Ohio 43545-0151

**INVOICE NUMBER:** 178654  
**INVOICE DATE:** 8/6/2013  
**DUE DATE:** 8/16/2013  
**TOTAL AMOUNT DUE:** \$340.22  
**CUSTOMER NUMBER:** 5020  
**CUSTOMER P.O. #:**

PLEASE WRITE INVOICE NUMBER ON  
 REMITTANCE AND RETURN YELLOW INVOICE  
 COPY. MAKE CHECK PAYABLE TO OMEGA JV 2

**OMEGA JV2 POWER INVOICE -**

**July, 2013**

Do Not Pay  
 Paid by E-Pay  
 American Municipal PWR Inc  
 Ray Merrill  
 614-540-0914

FIXED RATE CHARGE:	264 kW *	\$1.07 / kW =	\$282.53
ENERGY CHARGE:	0 kWh *	\$0.000000 / kWh =	\$0.00
SERVICE FEES:	0 kWh *	\$0.000000 / kWh =	\$0.00
Fuel Costs that were not recovered through Energy Sales to Market			= \$57.69

**TOTAL CHARGES**

**\$340.22**



1111 Schrock Rd, Suite 100  
 Columbus, Ohio 43229  
 Phone: (614) 540-1111  
 Fax: (614) 540-1078

Do Not Pay  
 Paid by E-Pay  
 American Municipal PWR Inc  
 Ray Merrill 614-540-0914

**City of Napoleon**  
 Gregory J. Heath, Finance Director  
 255 W. Riverview Ave., P.O. Box 151  
 Napoleon, Ohio 43545-0151

**INVOICE NUMBER:** 178583  
**INVOICE DATE:** 8/6/2013  
**DUE DATE:** 8/20/2013  
**TOTAL AMOUNT DUE:** \$67,542.97  
**CUSTOMER NUMBER:** 5020  
**CUSTOMER P.O. NUMBER:** BL980397  
**MAKE CHECKS PAYABLE TO:** OMEGA JV5

PLEASE WRITE INVOICE NUMBER ON REMITTANCE  
 AND RETURN YELLOW INVOICE COPY.

**FOR THE MONTH/YEAR OF:** July, 2013

**DEMAND CHARGES:**

Base Financing Demand Charge: (Invoiced seperately as of 1/1/07)

Base Operating Expense Demand Charge:	\$3.764245	/ kW *	3,088 kW =	\$11,623.99
Seca Associated with JV5.	\$0.000000	/ kW *	3,088 kW =	\$0.00
<b>TOTAL DEMAND CHARGES:</b>	<b>\$3.764245</b>	<b>/ kW *</b>	<b>3,088 kW =</b>	<b>\$11,623.99</b>

**ENERGY CHARGES:**

JV5 Repl. Pwr. & Variable (Budgeted Rate):	\$0.024068	/ kWh *	2,297,472 kWh =	\$55,296.09
JV5 Fuel Cost (Actual Expense):	\$0.000271	/ kWh *	2,297,472 kWh =	\$622.89
<b>TOTAL ENERGY CHARGES:</b>	<b>\$0.024339</b>	<b>/ kWh *</b>	<b>2,297,472 kWh =</b>	<b>\$55,918.98</b>

**SUB-TOTAL** \$67,542.97

**Total OMEGA JV5 Invoice: \$67,542.97**

\* To avoid a delayed payment charge, payment must be made to provide available funds for use by OMEGA-JV5 on or before the due date.



1111 Schrock Rd, Suite 100  
 Columbus, Ohio 43229  
 Phone: (614) 540-1111  
 Fax: (614) 540-1078

Do Not Pay  
 Paid by E-Pay  
 American Municipal PWR Inc

**City of Napoleon**  
 Gregory J. Heath, Finance Director  
 255 W. Riverview Ave., P.O. Box 151  
 Napoleon, Ohio 43545-0151

**INVOICE NUMBER:** 178625  
**INVOICE DATE:** 8/6/2013  
**DUE DATE:** 8/20/2013  
**TOTAL AMOUNT DUE:** \$64,474.06  
**CUSTOMER NUMBER:** 5020  
**CUSTOMER P.O. NUMBER:** BL980397  
**MAKE CHECKS PAYABLE TO:** OMEGA JV5

PLEASE WRITE INVOICE NUMBER ON REMITTANCE  
 AND RETURN YELLOW INVOICE COPY.

**Debt Service - OMEGA JV5**

**FOR THE MONTH/YEAR OF:** August, 2013

Financing CHARGES:

Base Financing Principal Payment:	\$13.306145	/ kW *	3,088 kW =	\$41,089.38
Base Financing Interest Payment:	\$7.572760	/ kW *	3,088 kW =	\$23,384.68

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TOTAL Financing CHARGES:	\$20.878905	/ kW *	3,088 kW =	\$64,474.06
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SUB-TOTAL				\$64,474.06
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<b>Total OMEGA JV5 Financing Invoice:</b>				<b>\$64,474.06</b>
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**AMERICAN MUNICIPAL POWER, INC.**

1111 Schrock Rd, Suite 100  
COLUMBUS, OHIO 43229  
PHONE: (614) 540-1111  
FAX: (614) 540-1078

**INVOICE NUMBER:** 178539  
**INVOICE DATE:** 8/1/2013  
**DUE DATE:** 8/16/2013  
**TOTAL AMOUNT DUE:** \$1,352.13  
**CUSTOMER NUMBER:** 5020  
**CUSTOMER P.O. #:**

**City of Napoleon**  
Gregory J. Heath, Finance Director  
255 W. Riverview Ave., P.O. Box 151  
Napoleon, OH 43545-0151

PLEASE WRITE INVOICE NUMBER ON  
REMITTANCE AND RETURN YELLOW INVOICE  
COPY. MAKE CHECK PAYABLE TO AMP, INC.

**Omega JV6**

Project Capacity: 300 kW

Year 2013

Electric Fixed

300 Kw \* 4.51 per kW-Month

August, 2013 -

Electric Fixed

AMOUNT DUE FOR :

Total

\$1,352.13

Do Not Pay  
Paid by E-Pay  
American Municipal PWR Inc  
Ray Merrill  
614-540-0914

**TOTAL CHARGES**

**\$1,352.13**



**AMERICAN MUNICIPAL POWER, INC.**

1111 Schrock Rd, Suite 100  
COLUMBUS, OHIO 43229  
PHONE: (614) 540-1111  
FAX: (614) 540-1078

**INVOICE NUMBER:** 178549  
**INVOICE DATE:** 8/1/2013  
**DUE DATE:** 8/16/2013  
**TOTAL AMOUNT DUE:** \$3,531.00  
**CUSTOMER NUMBER:** 5020  
**CUSTOMER P.O. #:**

**City of Napoleon**  
Gregory J. Heath, Finance Director  
255 W. Riverview Ave., P.O. Box 151  
Napoleon, OH 43545-0151

PLEASE WRITE INVOICE NUMBER ON  
REMITTANCE AND RETURN YELLOW INVOICE  
COPY. MAKE CHECK PAYABLE TO AMP, INC.

**Omega JV6**

Project Capacity: 300 kW

**Year 2013**

Demand Charge

300 Kw \* 11.77 per kW-Month

AMOUNT DUE FOR :	August, 2013 -	Principal	\$3,502.37
		Interest	\$28.63

Do Not Pay  
Paid by E-Pay  
American Municipal PWR Inc  
Ray Merrill  
614-540-0914

**TOTAL CHARGES** **\$3,531.00**

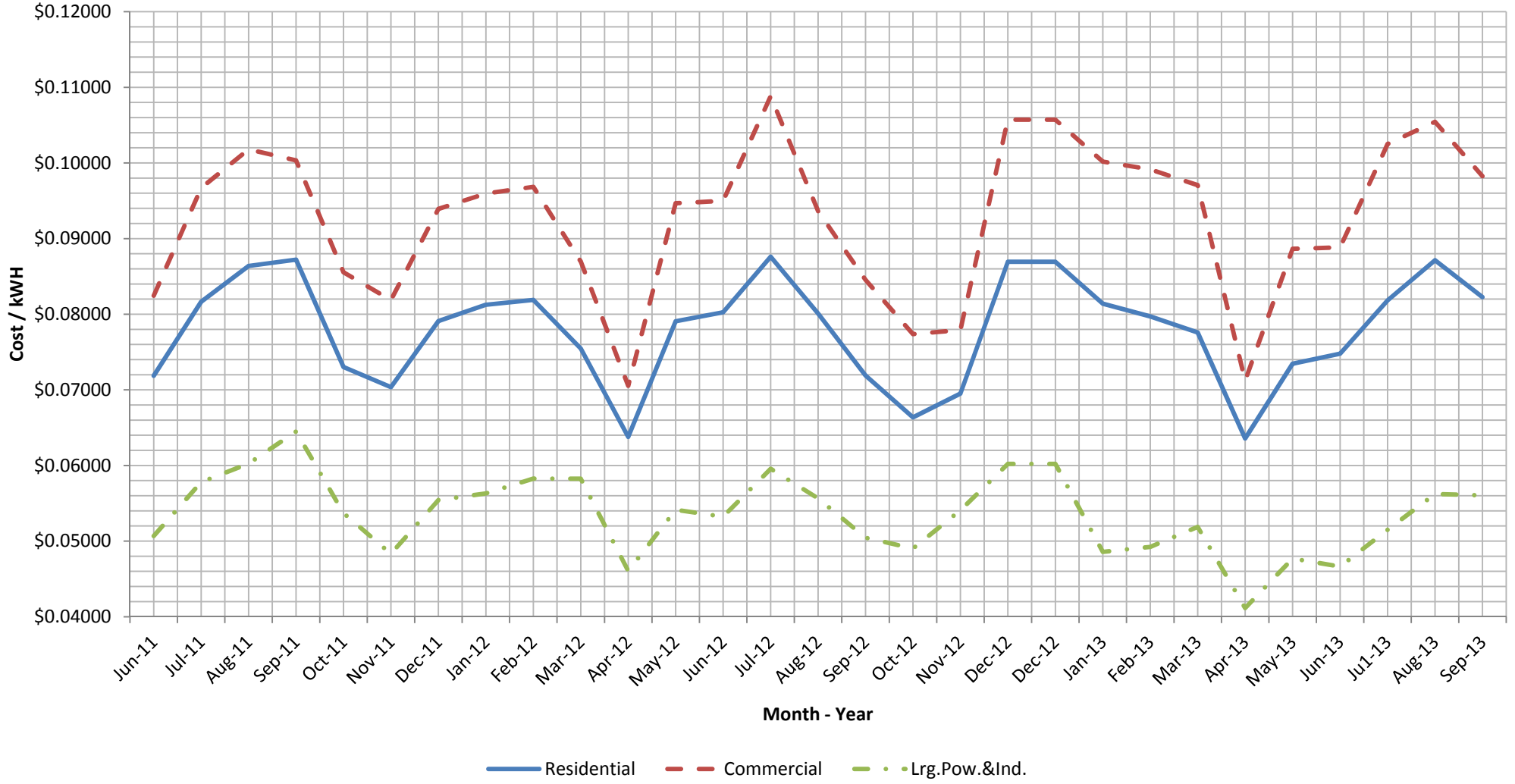


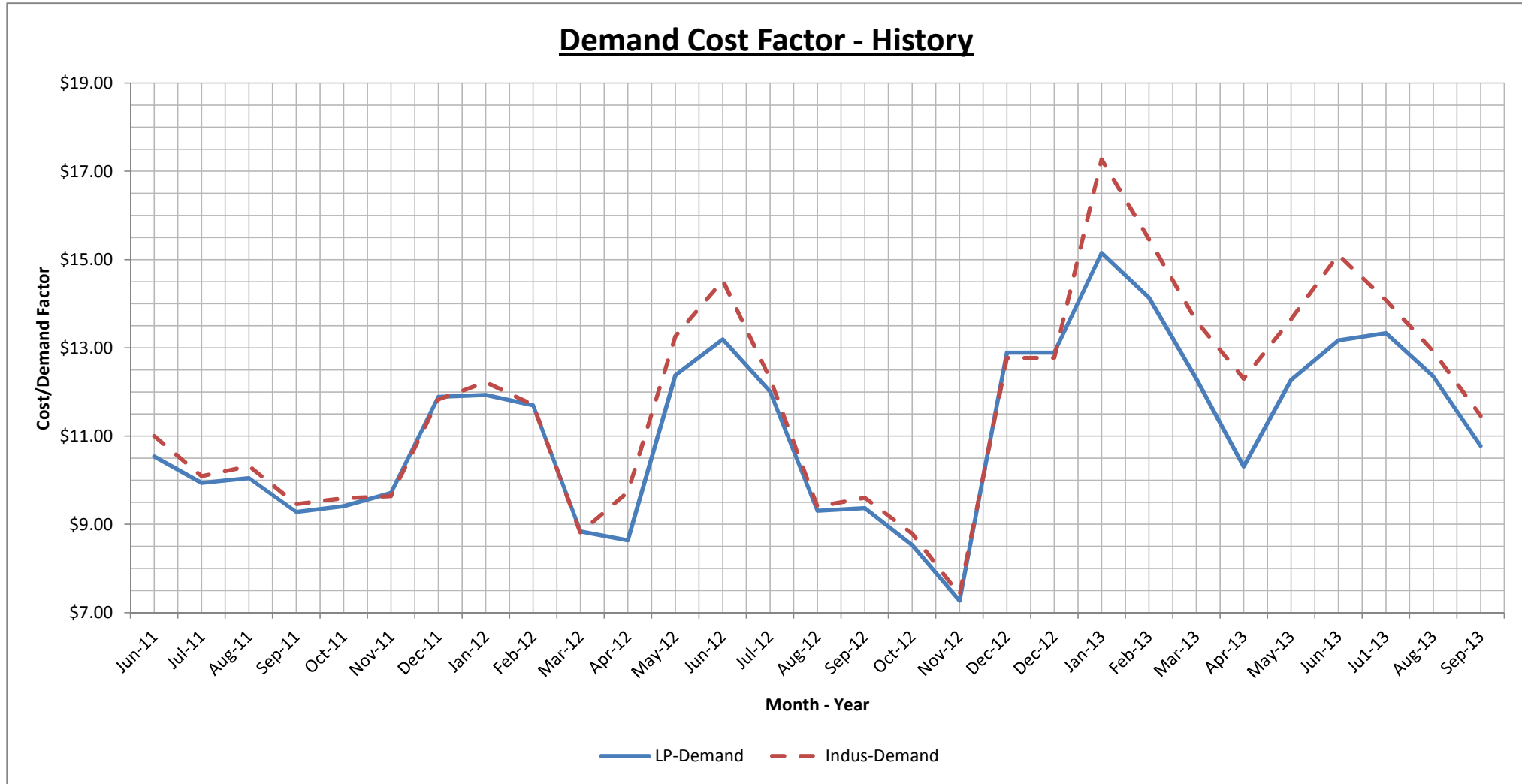
<b>BILLING DETERMINANTS for BILLING CYCLE - SEPTEMBER, 2013</b>															
<b>SEPTEMBER, 2013</b>															
<b>2013 - SEPTEMBER BILLING WITH AUGUST 2013 DATA BILLING UNITS</b>															
Class and/or Schedule	Rate Code	Aug-13	Aug-13	Aug-13	Billed kVA of Demand	Cost / kWh	Prior 12 Mo	Sep-12	Sep-12	Sep-12	Cost / kWh	Oct-12	Oct-12	Oct-12	Cost / kWh
		# of Bills	(kWh Usage)	Billed		For Month	Average	# of Bills	(kWh Usage)	Billed	For Month	# of Bills	(kWh Usage)	Billed	For Month
Residential (Dom-In)	E1	3,339	2,793,644	\$323,607.27	0	\$0.1158	\$0.1063	3,344	3,620,747	\$358,312.27	\$0.0990	3,345	2,734,209	\$260,427.08	\$0.0952
Residential (Dom-In) w/Ecosmart	E1E	10	7,875	\$915.88	0	\$0.1163	\$0.1098	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000
Residential (Dom-In - All Electric)	E2	610	459,912	\$53,640.76	0	\$0.1166	\$0.1043	619	563,097	\$56,318.53	\$0.1000	615	457,148	\$43,877.60	\$0.0960
Res. (Dom-In - All Elec.) w/Ecosmart	E2E	1	749	\$87.40	0	\$0.1167	\$0.1089	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000
<b>Total Residential (Domestic)</b>		<b>3,960</b>	<b>3,262,180</b>	<b>\$378,251.31</b>	<b>0</b>	<b>\$0.1160</b>	<b>\$0.1059</b>	<b>3,963</b>	<b>4,183,844</b>	<b>\$414,630.80</b>	<b>\$0.0991</b>	<b>3,960</b>	<b>3,191,357</b>	<b>\$304,304.68</b>	<b>\$0.0954</b>
Residential (Rural-Out)	ER1	742	804,572	\$98,634.57	0	\$0.1226	\$0.1123	742	937,481	\$99,400.69	\$0.1060	739	764,117	\$78,154.40	\$0.1023
Residential (Rural-Out) w/Ecosmart	ER1E	4	3,242	\$407.72	0	\$0.1258	\$0.1189	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000
Residential (Rural-Out - All Electric)	ER2	388	435,667	\$53,273.12	0	\$0.1223	\$0.1106	392	530,605	\$55,985.23	\$0.1055	391	425,422	\$43,300.05	\$0.1018
Res. (Rural-Out - All Electric) w/Ecosmart	ER2E	2	1,301	\$167.52	0	\$0.1288	\$0.1110	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000
Residential (Rural-Out w/Dmd)	ER3	15	13,744	\$1,706.92	90	\$0.1242	\$0.1102	15	15,755	\$1,694.49	\$0.1076	15	14,186	\$1,462.41	\$0.1031
Residential (Rural-Out - All Electric w/Dm	ER4	9	9,649	\$1,183.75	67	\$0.1227	\$0.1103	10	15,314	\$1,601.77	\$0.1046	10	12,246	\$1,233.89	\$0.1008
<b>Total Residential (Rural)</b>		<b>1,160</b>	<b>1,268,175</b>	<b>\$155,373.60</b>	<b>157</b>	<b>\$0.1225</b>	<b>\$0.1116</b>	<b>1,159</b>	<b>1,499,155</b>	<b>\$158,682.18</b>	<b>\$0.1058</b>	<b>1,155</b>	<b>1,215,971</b>	<b>\$124,150.75</b>	<b>\$0.1021</b>
Commercial (1 Ph-In - No Dmd)	EC2	73	40,420	\$6,052.00	13	\$0.1497	\$0.1366	76	41,162	\$5,325.38	\$0.1294	74	40,749	\$4,964.05	\$0.1218
Commercial (1 Ph-Out - No Dmd)	EC2O	41	21,517	\$3,245.61	0	\$0.1508	\$0.1525	40	11,042	\$1,665.61	\$0.1508	40	11,306	\$1,612.70	\$0.1426
<b>Total Commercial (1 Ph) No Dmd</b>		<b>114</b>	<b>61,937</b>	<b>\$9,297.61</b>	<b>13</b>	<b>\$0.1501</b>	<b>\$0.1405</b>	<b>116</b>	<b>52,204</b>	<b>\$6,990.99</b>	<b>\$0.1339</b>	<b>114</b>	<b>52,055</b>	<b>\$6,576.75</b>	<b>\$0.1263</b>
Commercial (1 Ph-In - w/Demand)	EC1	267	338,332	\$49,294.19	1940	\$0.1457	\$0.1301	267	475,727	\$56,333.24	\$0.1184	265	408,645	\$46,613.93	\$0.1141
Commercial (1 Ph-Out - w/Demand)	EC1O	25	33,111	\$4,864.44	202	\$0.1469	\$0.1299	26	38,978	\$4,664.29	\$0.1197	26	34,073	\$3,988.01	\$0.1170
<b>Total Commercial (1 Ph) w/Demand</b>		<b>292</b>	<b>371,443</b>	<b>\$54,158.63</b>	<b>2,142</b>	<b>\$0.1458</b>	<b>\$0.1301</b>	<b>293</b>	<b>514,705</b>	<b>\$60,997.53</b>	<b>\$0.1185</b>	<b>291</b>	<b>442,718</b>	<b>\$50,601.94</b>	<b>\$0.1143</b>
Commercial (3 Ph-Out - No Dmd)	EC4O	2	40	\$41.13	8	\$1.0283	\$0.1438	2	0	\$36.00	\$0.0000	2	0	\$36.00	\$0.0000
<b>Total Commercial (3 Ph) No Dmd</b>		<b>2</b>	<b>40</b>	<b>\$41.13</b>	<b>8</b>	<b>\$1.0283</b>	<b>\$0.1438</b>	<b>2</b>	<b>0</b>	<b>\$36.00</b>	<b>\$0.0000</b>	<b>2</b>	<b>0</b>	<b>\$36.00</b>	<b>\$0.0000</b>
Commercial (3 Ph-In - w/Demand)	EC3	206	1,654,048	\$211,496.38	5953	\$0.1279	\$0.1132	201	1,887,290	\$198,665.03	\$0.1053	199	1,944,847	\$192,197.43	\$0.0988
Commercial (3 Ph-Out - w/Demand)	EC3O	32	189,643	\$26,288.29	1086	\$0.1386	\$0.1178	33	255,153	\$27,952.89	\$0.1096	33	246,609	\$25,302.69	\$0.1026
Commercial (3 Ph-Out - w/Dmd.&Sub-St	E3SO	2	115,480	\$13,881.00	388	\$0.1202	\$0.1060	2	118,160	\$11,863.58	\$0.1004	2	128,440	\$11,814.46	\$0.0920
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	1	3,000	\$416.76	18	\$0.1389	\$0.1150	1	5,800	\$595.53	\$0.1027	1	5,440	\$522.80	\$0.0961
<b>Total Commercial (3 Ph) w/Demand</b>		<b>241</b>	<b>1,962,171</b>	<b>\$252,082.43</b>	<b>7,445</b>	<b>\$0.1285</b>	<b>\$0.1133</b>	<b>237</b>	<b>2,266,403</b>	<b>\$239,077.03</b>	<b>\$0.1055</b>	<b>235</b>	<b>2,325,336</b>	<b>\$229,837.38</b>	<b>\$0.0988</b>
Large Power (In - w/Dmd & Rct)	EL1	24	2,620,054	\$262,653.75	6313	\$0.1002	\$0.0913	26	3,773,782	\$313,758.19	\$0.0831	26	3,858,546	\$305,788.43	\$0.0792
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	2	84,480	\$18,753.31	750	\$0.2220	\$0.1386	2	52,440	\$5,548.11	\$0.1058	2	67,080	\$8,021.35	\$0.1196
Large Power (Out - w/Dmd & Rct)	EL1O	1	86,580	\$10,240.70	285	\$0.1183	\$0.1097	1	105,660	\$10,558.18	\$0.0999	1	84,960	\$8,129.96	\$0.0957
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	2	290,160	\$34,745.28	1019	\$0.1197	\$0.0989	2	439,440	\$39,608.16	\$0.0901	2	395,760	\$33,918.49	\$0.0857
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	74,511	\$14,585.20	571	\$0.1957	\$0.1195	2	74,741	\$11,826.64	\$0.1582	2	72,978	\$11,884.43	\$0.1628
<b>Total Large Power</b>		<b>31</b>	<b>3,155,785</b>	<b>\$340,978.24</b>	<b>8,938</b>	<b>\$0.1080</b>	<b>\$0.0946</b>	<b>33</b>	<b>4,446,063</b>	<b>\$381,299.28</b>	<b>\$0.0858</b>	<b>33</b>	<b>4,479,324</b>	<b>\$367,742.66</b>	<b>\$0.0821</b>
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	2	1,878,883	\$159,221.08	3557	\$0.0847	\$0.0793	1	1,192,679	\$86,391.37	\$0.0724	1	1,147,180	\$80,891.19	\$0.0705
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1	990,973	\$82,769.36	1801	\$0.0835	\$0.0821	1	759,665	\$60,062.45	\$0.0791	1	722,186	\$56,299.68	\$0.0780
<b>Total Industrial</b>		<b>3</b>	<b>2,869,856</b>	<b>\$241,990.44</b>	<b>5,358</b>	<b>\$0.0843</b>	<b>\$0.0802</b>	<b>2</b>	<b>1,952,344</b>	<b>\$146,453.82</b>	<b>\$0.0750</b>	<b>2</b>	<b>1,869,366</b>	<b>\$137,190.87</b>	<b>\$0.0734</b>
Interdepartmental (In - No Dmd)	ED1	49	86,904	\$9,315.56	18	\$0.1072	\$0.0959	49	85,438	\$7,866.84	\$0.0921	49	85,346	\$7,372.78	\$0.0864
Interdepartmental (Out - No Dmd)	ED1O	1	0	\$0.00	0	\$0.0000	\$0.0956	1	0	\$0.00	\$0.0000	1	0	\$0.00	\$0.0000
Interdepartmental (In - w/Dmd)	ED2	20	261,926	\$27,328.08	1013	\$0.1043	\$0.0935	20	287,407	\$25,788.31	\$0.0897	20	255,936	\$21,542.71	\$0.0842
Generators (JV2 Power Cost Only)	GJV2	1	13,117	\$19.02	53	\$0.0015	\$0.0000	1	15,054	\$459.90	\$0.0306	2	20,758	\$445.05	\$0.0214
Generators (JV5 Power Cost Only)	GJV5	1	12,084	\$17.52	20	\$0.0014	\$0.0000	1	10,163	\$310.48	\$0.0306	1	12,583	\$269.78	\$0.0214
<b>Total Interdepartmental</b>		<b>72</b>	<b>374,031</b>	<b>\$36,680.18</b>	<b>1,104</b>	<b>\$0.0981</b>	<b>\$0.0895</b>	<b>72</b>	<b>398,062</b>	<b>\$34,425.53</b>	<b>\$0.0865</b>	<b>73</b>	<b>374,623</b>	<b>\$29,630.32</b>	<b>\$0.0791</b>
<b>SUB-TOTAL CONSUMPTION &amp; DEMAND</b>		<b>5,875</b>	<b>13,325,618</b>	<b>\$1,468,853.57</b>	<b>25,165</b>	<b>\$0.1102</b>	<b>\$0.0998</b>	<b>5,877</b>	<b>15,312,780</b>	<b>\$1,442,593.16</b>	<b>\$0.0942</b>	<b>5,865</b>	<b>13,950,750</b>	<b>\$1,250,071.35</b>	<b>\$0.0896</b>
Street Lights (In)	SLO	16	0	\$14.20	0	\$0.0000	\$0.0000	16	0	\$14.20	\$0.0000	16	0	\$14.20	\$0.0000
Street Lights (Out)	SLOO	2	0	\$0.77	0	\$0.0000	\$0.0000	2	0	\$0.77	\$0.0000	2	0	\$0.77	\$0.0000
<b>Total Street Light Only</b>		<b>18</b>	<b>0</b>	<b>\$14.97</b>	<b>0</b>	<b>\$0.0000</b>	<b>\$0.0000</b>	<b>18</b>	<b>0</b>	<b>\$14.97</b>	<b>\$0.0000</b>	<b>18</b>	<b>0</b>	<b>\$14.97</b>	<b>\$0.0000</b>
<b>TOTAL CONSUMPTION &amp; DEMAND</b>		<b>5,893</b>	<b>13,325,618</b>	<b>\$1,468,868.54</b>	<b>25,165</b>	<b>\$0.1102</b>	<b>\$0.0998</b>	<b>5,895</b>	<b>15,312,780</b>	<b>\$1,442,608.13</b>	<b>\$0.0942</b>	<b>5,883</b>	<b>13,950,750</b>	<b>\$1,250,086.32</b>	<b>\$0.0896</b>

<b>BILLING DETERMINANTS for</b>																		
<b>SEPTEMBER, 2013</b>																		
<b>2013 - SEPTEMBER BILLING WITH AUGUST 20</b>																		
Class and/or Schedule	Rate Code	# of Bills	Nov-12			Dec-12			Jan-13			Feb-13			Mar-13			
			(kWh Usage)	Billed	Cost / kWh For Month	(kWh Usage)	Billed	Cost / kWh For Month	(kWh Usage)	Billed	Cost / kWh For Month	(kWh Usage)	Billed	Cost / kWh For Month	(kWh Usage)	Billed	Cost / kWh For Month	
Residential (Dom-In)	E1	3,340	1,712,390	\$175,969.61	\$0.1028	3,356	1,965,727	\$233,374.50	\$0.1187	3,346	2,133,099	\$239,663.29	\$0.1124	3,345	2,364,247	\$259,452.84	\$0.1097	3,336
Residential (Dom-In) w/Ecosmart	E1E	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	0
Residential (Dom-In - All Electric)	E2	616	326,201	\$33,400.85	\$0.1024	622	475,726	\$55,336.67	\$0.1163	613	566,345	\$61,973.79	\$0.1094	610	715,541	\$76,089.63	\$0.1063	617
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	0
<b>Total Residential (Domestic)</b>		<b>3,956</b>	<b>2,038,591</b>	<b>\$209,370.46</b>	<b>\$0.1027</b>	<b>3,978</b>	<b>2,441,453</b>	<b>\$288,711.17</b>	<b>\$0.1183</b>	<b>3,959</b>	<b>2,699,444</b>	<b>\$301,637.08</b>	<b>\$0.1117</b>	<b>3,955</b>	<b>3,079,788</b>	<b>\$335,542.47</b>	<b>\$0.1089</b>	<b>3,953</b>
Residential (Rural-Out)	ER1	740	535,533	\$58,690.66	\$0.1096	738	687,628	\$85,202.59	\$0.1239	737	750,656	\$88,165.09	\$0.1175	737	890,190	\$101,656.64	\$0.1142	735
Residential (Rural-Out) w/Ecosmart	ER1E	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	0
Residential (Rural-Out - All Electric)	ER2	390	333,451	\$35,806.28	\$0.1074	390	442,218	\$53,949.94	\$0.1220	389	492,368	\$56,884.99	\$0.1155	389	608,114	\$68,290.80	\$0.1123	390
Res. (Rural-Out - All Electric) w/Ecosmart	ER2E	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	0
Residential (Rural-Out w/Dmd)	ER3	15	16,892	\$1,765.68	\$0.1045	15	88,829	\$10,166.91	\$0.1145	15	112,961	\$12,250.97	\$0.1085	15	19,557	\$2,220.41	\$0.1135	15
Residential (Rural-Out - All Electric w/Drr)	ER4	10	15,361	\$1,568.48	\$0.1021	10	24,324	\$2,848.41	\$0.1171	10	15,440	\$1,760.32	\$0.1140	10	11,785	\$1,348.57	\$0.1144	10
<b>Total Residential (Rural)</b>		<b>1,155</b>	<b>901,237</b>	<b>\$97,831.10</b>	<b>\$0.1086</b>	<b>1,153</b>	<b>1,242,999</b>	<b>\$152,167.85</b>	<b>\$0.1224</b>	<b>1,151</b>	<b>1,371,425</b>	<b>\$159,061.37</b>	<b>\$0.1160</b>	<b>1,151</b>	<b>1,529,646</b>	<b>\$173,516.42</b>	<b>\$0.1134</b>	<b>1,150</b>
Commercial (1 Ph-In - No Dmd)	EC2	73	31,337	\$4,028.13	\$0.1285	71	35,851	\$5,454.44	\$0.1521	72	41,306	\$5,937.20	\$0.1437	76	45,976	\$6,511.14	\$0.1416	73
Commercial (1 Ph-Out - No Dmd)	EC2O	40	10,055	\$1,493.07	\$0.1485	40	15,970	\$2,531.11	\$0.1585	40	11,373	\$1,878.72	\$0.1652	40	13,986	\$2,185.06	\$0.1562	40
<b>Total Commercial (1 Ph) No Dmd</b>		<b>113</b>	<b>41,392</b>	<b>\$5,521.20</b>	<b>\$0.1334</b>	<b>111</b>	<b>51,821</b>	<b>\$7,985.55</b>	<b>\$0.1541</b>	<b>112</b>	<b>52,679</b>	<b>\$7,815.92</b>	<b>\$0.1484</b>	<b>116</b>	<b>59,962</b>	<b>\$8,696.20</b>	<b>\$0.1450</b>	<b>113</b>
Commercial (1 Ph-In - w/Demand)	EC1	263	314,268	\$38,600.36	\$0.1228	263	296,697	\$44,055.55	\$0.1485	264	307,175	\$43,257.37	\$0.1408	265	335,728	\$45,919.15	\$0.1368	263
Commercial (1 Ph-Out - w/Demand)	EC1O	26	29,657	\$3,658.55	\$0.1234	26	29,713	\$4,457.13	\$0.1500	26	33,681	\$4,729.38	\$0.1404	26	37,944	\$5,136.07	\$0.1354	26
<b>Total Commercial (1 Ph) w/Demand</b>		<b>289</b>	<b>343,925</b>	<b>\$42,258.91</b>	<b>\$0.1229</b>	<b>289</b>	<b>326,410</b>	<b>\$48,512.68</b>	<b>\$0.1486</b>	<b>290</b>	<b>340,856</b>	<b>\$47,986.75</b>	<b>\$0.1408</b>	<b>291</b>	<b>373,672</b>	<b>\$51,055.22</b>	<b>\$0.1366</b>	<b>289</b>
Commercial (3 Ph-Out - No Dmd)	EC4O	2	0	\$36.00	\$0.0000	2	2,920	\$410.70	\$0.1407	2	13,000	\$1,629.07	\$0.1253	2	3,680	\$483.82	\$0.1315	2
<b>Total Commercial (3 Ph) No Dmd</b>		<b>2</b>	<b>0</b>	<b>\$36.00</b>	<b>\$0.0000</b>	<b>2</b>	<b>2,920</b>	<b>\$410.70</b>	<b>\$0.1407</b>	<b>2</b>	<b>13,000</b>	<b>\$1,629.07</b>	<b>\$0.1253</b>	<b>2</b>	<b>3,680</b>	<b>\$483.82</b>	<b>\$0.1315</b>	<b>2</b>
Commercial (3 Ph-In - w/Demand)	EC3	201	1,649,795	\$166,153.20	\$0.1007	202	1,433,364	\$186,473.94	\$0.1301	203	1,441,090	\$177,112.82	\$0.1229	201	1,415,555	\$171,941.74	\$0.1215	202
Commercial (3 Ph-Out - w/Demand)	EC3O	32	320,986	\$33,186.01	\$0.1034	31	467,956	\$56,885.58	\$0.1216	31	316,485	\$39,299.72	\$0.1242	32	258,267	\$32,631.27	\$0.1263	32
Commercial (3 Ph-Out - w/Dmd.&Sub-St)	E3SO	2	132,080	\$12,068.67	\$0.0914	2	125,840	\$14,959.29	\$0.1189	2	112,640	\$12,946.77	\$0.1149	2	99,960	\$11,629.87	\$0.1163	2
Commercial (3 Ph-In - w/Demand, No Ta)	EC3T	1	4,040	\$415.97	\$0.1030	1	1,680	\$243.69	\$0.1451	1	1,720	\$217.00	\$0.1262	1	1,680	\$209.25	\$0.1246	1
<b>Total Commercial (3 Ph) w/Demand</b>		<b>236</b>	<b>2,106,901</b>	<b>\$211,823.85</b>	<b>\$0.1005</b>	<b>236</b>	<b>2,028,840</b>	<b>\$258,562.50</b>	<b>\$0.1274</b>	<b>237</b>	<b>1,871,935</b>	<b>\$229,576.31</b>	<b>\$0.1226</b>	<b>236</b>	<b>1,775,462</b>	<b>\$216,412.13</b>	<b>\$0.1219</b>	<b>237</b>
Large Power (In - w/Dmd & Rct)	EL1	26	3,585,563	\$295,809.50	\$0.0825	24	2,459,872	\$259,171.51	\$0.1054	24	2,336,414	\$234,867.97	\$0.1005	24	2,130,951	\$217,738.62	\$0.1022	24
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	2	73,560	\$8,298.94	\$0.1128	2	76,560	\$11,468.48	\$0.1498	2	116,280	\$15,769.19	\$0.1356	2	112,800	\$16,271.65	\$0.1443	2
Large Power (Out - w/Dmd & Rct)	EL1O	1	57,780	\$6,358.18	\$0.1100	1	64,260	\$8,346.49	\$0.1299	1	67,860	\$8,145.59	\$0.1200	1	73,980	\$8,268.95	\$0.1118	1
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	2	342,720	\$31,080.96	\$0.0907	2	386,880	\$40,465.13	\$0.1046	2	321,120	\$34,182.86	\$0.1064	2	247,200	\$29,689.86	\$0.1201	2
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	56,780	\$6,162.01	\$0.1085	2	38,400	\$4,273.20	\$0.1113	2	48,010	\$4,564.35	\$0.0951	2	76,411	\$12,654.57	\$0.1656	2
<b>Total Large Power</b>		<b>33</b>	<b>4,116,403</b>	<b>\$347,709.59</b>	<b>\$0.0845</b>	<b>31</b>	<b>3,025,972</b>	<b>\$323,724.81</b>	<b>\$0.1070</b>	<b>31</b>	<b>2,889,684</b>	<b>\$297,529.96</b>	<b>\$0.1030</b>	<b>31</b>	<b>2,641,342</b>	<b>\$284,623.65</b>	<b>\$0.1078</b>	<b>31</b>
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	1,100,838	\$80,039.40	\$0.0727	2	2,075,060	\$182,854.76	\$0.0881	2	2,000,088	\$167,772.33	\$0.0839	2	1,929,342	\$159,002.64	\$0.0824	2
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1	412,665	\$37,114.15	\$0.0899	1	802,864	\$72,710.19	\$0.0906	1	675,253	\$65,680.44	\$0.0973	1	622,773	\$57,971.33	\$0.0931	1
<b>Total Industrial</b>		<b>2</b>	<b>1,513,503</b>	<b>\$117,153.55</b>	<b>\$0.0774</b>	<b>3</b>	<b>2,877,924</b>	<b>\$255,564.95</b>	<b>\$0.0888</b>	<b>3</b>	<b>2,675,341</b>	<b>\$233,452.77</b>	<b>\$0.0873</b>	<b>3</b>	<b>2,552,115</b>	<b>\$216,973.97</b>	<b>\$0.0850</b>	<b>3</b>
Interdepartmental (In - No Dmd)	ED1	49	89,813	\$8,046.07	\$0.0896	49	117,123	\$12,512.08	\$0.1068	49	142,015	\$14,340.04	\$0.1010	48	158,448	\$15,737.81	\$0.0993	48
Interdepartmental (Out - No Dmd)	ED1O	1	0	\$0.00	\$0.0000	1	29	\$3.09	\$0.1066	1	0	\$0.00	\$0.0000	1	0	\$0.00	\$0.0000	1
Interdepartmental (In - w/Dmd)	ED2	20	197,249	\$17,159.98	\$0.0870	20	273,670	\$28,493.96	\$0.1041	20	298,536	\$29,457.66	\$0.0987	20	339,370	\$32,854.61	\$0.0968	20
Generators (JV2 Power Cost Only)	GJV2	2	21,389	\$451.10	\$0.0211	2	24,071	\$507.90	\$0.0211	1	18,361	\$871.96	\$0.0475	1	21,029	\$1,176.57	\$0.0559	1
Generators (JV5 Power Cost Only)	GJV5	1	13,812	\$291.30	\$0.0211	1	15,853	\$334.50	\$0.0211	1	15,652	\$743.31	\$0.0475	1	18,257	\$1,021.48	\$0.0560	1
<b>Total Interdepartmental</b>		<b>73</b>	<b>322,263</b>	<b>\$25,948.45</b>	<b>\$0.0805</b>	<b>73</b>	<b>430,746</b>	<b>\$41,851.53</b>	<b>\$0.0972</b>	<b>72</b>	<b>474,564</b>	<b>\$45,412.97</b>	<b>\$0.0957</b>	<b>71</b>	<b>537,104</b>	<b>\$50,790.47</b>	<b>\$0.0946</b>	<b>71</b>
<b>SUB-TOTAL CONSUMPTION &amp; DEMAND</b>		<b>5,859</b>	<b>11,384,215</b>	<b>\$1,057,653.11</b>	<b>\$0.0929</b>	<b>5,876</b>	<b>12,429,085</b>	<b>\$1,377,491.74</b>	<b>\$0.1108</b>	<b>5,857</b>	<b>12,388,928</b>	<b>\$1,324,102.20</b>	<b>\$0.1069</b>	<b>5,856</b>	<b>12,552,771</b>	<b>\$1,338,094.35</b>	<b>\$0.1066</b>	<b>5,849</b>
Street Lights (In)	SLO	16	0	\$14.20	\$0.0000	16	0	\$14.20	\$0.0000	16	0	\$14.20	\$0.0000	16	0	\$14.20	\$0.0000	16
Street Lights (Out)	SLOO	2	0	-\$1.15	\$0.0000	2	0	\$1.92	\$0.0000	2	0	\$0.77	\$0.0000	2	0	\$0.77	\$0.0000	2
<b>Total Street Light Only</b>		<b>18</b>	<b>0</b>	<b>\$13.05</b>	<b>\$0.0000</b>	<b>18</b>	<b>0</b>	<b>\$16.12</b>	<b>\$0.0000</b>	<b>18</b>	<b>0</b>	<b>\$14.97</b>	<b>\$0.0000</b>	<b>18</b>	<b>0</b>	<b>\$14.97</b>	<b>\$0.0000</b>	<b>18</b>
<b>TOTAL CONSUMPTION &amp; DEMAND</b>		<b>5,877</b>	<b>11,384,215</b>	<b>\$1,057,666.16</b>	<b>\$0.0929</b>	<b>5,894</b>	<b>12,429,085</b>	<b>\$1,377,507.86</b>	<b>\$0.1108</b>	<b>5,875</b>	<b>12,388,928</b>	<b>\$1,324,117.17</b>	<b>\$0.1069</b>	<b>5,874</b>	<b>12,552,771</b>	<b>\$1,338,109.32</b>	<b>\$0.1066</b>	<b>5,867</b>

<b>BILLING DETERMINANTS for</b>																	
<b>SEPTEMBER, 2013</b>																	
<b>2013 - SEPTEMBER BILLING WITH AUGUST 20</b>																	
Class and/or Schedule	Rate Code	Mar-13		Cost / kWh For Month	Apr-13		Cost / kWh For Month	May-13		Cost / kWh For Month	Jun-13		Cost / kWh For Month	Jul-13			
		(kWh Usage)	Billed		# of Bills	(kWh Usage)		Billed	# of Bills		(kWh Usage)	Billed		# of Bills	(kWh Usage)	Billed	# of Bills
Residential (Dom-In)	E1	2,423,390	\$260,201.12	\$0.1074	3,333	2,090,663	\$197,962.37	\$0.0947	3,337	2,097,825	\$219,312.32	\$0.1045	3,325	1,765,993	\$190,084.46	\$0.1076	3,329
Residential (Dom-In) w/Ecosmart	E1E	0	\$0.00	\$0.0000	9	4,389	\$427.66	\$0.0974	11	5,729	\$610.25	\$0.1065	11	5,045	\$552.04	\$0.1094	10
Residential (Dom-In - All Electric)	E2	812,108	\$84,159.34	\$0.1036	616	693,037	\$62,664.43	\$0.0904	613	641,136	\$64,572.38	\$0.1007	615	413,084	\$43,487.63	\$0.1053	610
Res. (Dom-In - All Elec.) w/Ecosmart	E2E	0	\$0.00	\$0.0000	1	524	\$50.62	\$0.0966	1	530	\$56.35	\$0.1063	1	553	\$59.28	\$0.1072	1
<b>Total Residential (Domestic)</b>		<b>3,235,498</b>	<b>\$344,360.46</b>	<b>\$0.1064</b>	<b>3,959</b>	<b>2,788,613</b>	<b>\$261,105.08</b>	<b>\$0.0936</b>	<b>3,962</b>	<b>2,745,220</b>	<b>\$284,551.30</b>	<b>\$0.1037</b>	<b>3,952</b>	<b>2,184,675</b>	<b>\$234,183.41</b>	<b>\$0.1072</b>	<b>3,950</b>
Residential (Rural-Out)	ER1	885,721	\$99,257.67	\$0.1121	732	765,492	\$76,050.05	\$0.0993	734	719,208	\$79,029.09	\$0.1099	736	602,361	\$68,227.84	\$0.1133	740
Residential (Rural-Out) w/Ecosmart	ER1E	0	\$0.00	\$0.0000	4	2,476	\$262.57	\$0.1060	4	2,425	\$281.94	\$0.1163	4	2,177	\$260.10	\$0.1195	4
Residential (Rural-Out - All Electric)	ER2	617,440	\$67,957.80	\$0.1101	388	538,258	\$52,196.52	\$0.0970	388	498,799	\$53,592.14	\$0.1074	387	389,087	\$43,185.77	\$0.1110	388
Res. (Rural-Out - All Electric) w/Ecosmart	ER2E	0	\$0.00	\$0.0000	2	2,769	\$268.75	\$0.0971	2	2,457	\$264.95	\$0.1078	2	1,394	\$160.85	\$0.1154	2
Residential (Rural-Out w/Dmd)	ER3	17,909	\$2,008.27	\$0.1121	15	20,188	\$1,960.63	\$0.0971	15	17,927	\$1,935.64	\$0.1080	15	20,251	\$2,193.46	\$0.1083	15
Residential (Rural-Out - All Electric w/Dm)	ER4	14,123	\$1,565.60	\$0.1109	10	11,484	\$1,131.27	\$0.0985	9	10,191	\$1,105.78	\$0.1085	9	8,961	\$995.26	\$0.1111	9
<b>Total Residential (Rural)</b>		<b>1,535,193</b>	<b>\$170,789.34</b>	<b>\$0.1112</b>	<b>1,151</b>	<b>1,340,667</b>	<b>\$131,869.79</b>	<b>\$0.0984</b>	<b>1,152</b>	<b>1,251,007</b>	<b>\$136,209.54</b>	<b>\$0.1089</b>	<b>1,153</b>	<b>1,024,231</b>	<b>\$115,023.28</b>	<b>\$0.1123</b>	<b>1,158</b>
Commercial (1 Ph-In - No Dmd)	EC2	45,106	\$6,274.97	\$0.1391	73	38,742	\$4,511.90	\$0.1165	74	39,977	\$5,341.20	\$0.1336	73	38,351	\$5,151.02	\$0.1343	72
Commercial (1 Ph-Out - No Dmd)	EC2O	14,748	\$2,246.99	\$0.1524	40	12,613	\$1,665.47	\$0.1320	40	12,208	\$1,840.55	\$0.1508	40	11,514	\$1,765.50	\$0.1533	40
<b>Total Commercial (1 Ph) No Dmd</b>		<b>59,854</b>	<b>\$8,521.96</b>	<b>\$0.1424</b>	<b>113</b>	<b>51,355</b>	<b>\$6,177.37</b>	<b>\$0.1203</b>	<b>114</b>	<b>52,185</b>	<b>\$7,181.75</b>	<b>\$0.1376</b>	<b>113</b>	<b>49,865</b>	<b>\$6,916.52</b>	<b>\$0.1387</b>	<b>112</b>
Commercial (1 Ph-In - w/Demand)	EC1	360,372	\$47,972.91	\$0.1331	264	329,663	\$36,106.83	\$0.1095	264	336,852	\$42,423.48	\$0.1259	265	299,825	\$39,112.08	\$0.1304	263
Commercial (1 Ph-Out - w/Demand)	EC1O	41,784	\$5,425.31	\$0.1298	25	36,571	\$3,930.20	\$0.1075	25	38,246	\$4,721.23	\$0.1234	25	32,186	\$4,099.52	\$0.1274	25
<b>Total Commercial (1 Ph) w/Demand</b>		<b>402,156</b>	<b>\$53,398.22</b>	<b>\$0.1328</b>	<b>289</b>	<b>366,234</b>	<b>\$40,037.03</b>	<b>\$0.1093</b>	<b>289</b>	<b>375,098</b>	<b>\$47,144.71</b>	<b>\$0.1257</b>	<b>290</b>	<b>332,011</b>	<b>\$43,211.60</b>	<b>\$0.1302</b>	<b>288</b>
Commercial (3 Ph-Out - No Dmd)	EC4O	920	\$146.23	\$0.1589	2	0	\$36.00	\$0.0000	2	0	\$36.00	\$0.0000	2	40	\$40.46	\$1.0115	2
<b>Total Commercial (3 Ph) No Dmd</b>		<b>920</b>	<b>\$146.23</b>	<b>\$0.1589</b>	<b>2</b>	<b>0</b>	<b>\$36.00</b>	<b>\$0.0000</b>	<b>2</b>	<b>0</b>	<b>\$36.00</b>	<b>\$0.0000</b>	<b>2</b>	<b>40</b>	<b>\$40.46</b>	<b>\$1.0115</b>	<b>2</b>
Commercial (3 Ph-In - w/Demand)	EC3	1,496,700	\$177,083.58	\$0.1183	203	1,523,802	\$140,831.75	\$0.0924	203	1,419,100	\$158,157.82	\$0.1114	205	1,457,724	\$162,428.10	\$0.1114	205
Commercial (3 Ph-Out - w/Demand)	EC3O	243,207	\$29,263.52	\$0.1203	32	203,149	\$19,833.07	\$0.0976	32	186,793	\$22,279.26	\$0.1193	32	177,589	\$21,198.29	\$0.1194	32
Commercial (3 Ph-Out - w/Dmd.&Sub-St)	E3SO	126,080	\$14,058.81	\$0.1115	2	122,120	\$10,469.14	\$0.0857	2	120,320	\$12,405.22	\$0.1031	2	113,360	\$11,819.71	\$0.1043	2
Commercial (3 Ph-In - w/Demand, No Ta)	EC3T	1,720	\$209.07	\$0.1216	1	1,880	\$181.30	\$0.0964	1	1,720	\$199.71	\$0.1161	1	1,680	\$195.58	\$0.1164	1
<b>Total Commercial (3 Ph) w/Demand</b>		<b>1,867,707</b>	<b>\$220,614.98</b>	<b>\$0.1181</b>	<b>238</b>	<b>1,850,951</b>	<b>\$171,315.26</b>	<b>\$0.0926</b>	<b>238</b>	<b>1,727,933</b>	<b>\$193,042.01</b>	<b>\$0.1117</b>	<b>240</b>	<b>1,750,353</b>	<b>\$195,641.68</b>	<b>\$0.1118</b>	<b>240</b>
Large Power (In - w/Dmd & Rct)	EL1	2,384,166	\$222,962.86	\$0.0935	24	2,177,534	\$182,408.30	\$0.0838	24	2,404,599	\$217,506.43	\$0.0905	24	2,366,148	\$220,686.44	\$0.0933	24
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	144,720	\$16,341.57	\$0.1129	2	131,880	\$13,656.03	\$0.1035	2	132,600	\$16,765.37	\$0.1264	2	153,120	\$20,722.60	\$0.1353	2
Large Power (Out - w/Dmd & Rct)	EL1O	75,600	\$8,125.95	\$0.1075	1	67,500	\$6,559.22	\$0.0972	1	71,460	\$7,531.24	\$0.1054	1	63,000	\$7,341.06	\$0.1165	1
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	365,280	\$34,931.58	\$0.0956	2	308,160	\$26,691.09	\$0.0866	2	318,720	\$30,410.72	\$0.0954	2	336,240	\$33,310.20	\$0.0991	2
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	100,243	\$8,296.98	\$0.0828	2	86,908	\$6,367.78	\$0.0733	2	90,318	\$7,414.58	\$0.0821	2	82,656	\$10,416.43	\$0.1260	2
<b>Total Large Power</b>		<b>3,070,009</b>	<b>\$290,658.94</b>	<b>\$0.0947</b>	<b>31</b>	<b>2,771,982</b>	<b>\$235,682.42</b>	<b>\$0.0850</b>	<b>31</b>	<b>3,017,697</b>	<b>\$279,628.34</b>	<b>\$0.0927</b>	<b>31</b>	<b>3,001,164</b>	<b>\$292,476.73</b>	<b>\$0.0975</b>	<b>31</b>
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	2,148,544	\$170,661.02	\$0.0794	2	1,874,085	\$132,752.83	\$0.0708	2	1,831,272	\$143,570.51	\$0.0784	2	1,934,737	\$150,696.77	\$0.0779	2
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	945,406	\$75,862.73	\$0.0802	1	904,991	\$63,892.85	\$0.0706	1	946,167	\$73,216.13	\$0.0774	1	1,023,891	\$79,602.02	\$0.0777	1
<b>Total Industrial</b>		<b>3,093,950</b>	<b>\$246,523.75</b>	<b>\$0.0797</b>	<b>3</b>	<b>2,779,076</b>	<b>\$196,645.68</b>	<b>\$0.0708</b>	<b>3</b>	<b>2,777,439</b>	<b>\$216,786.64</b>	<b>\$0.0781</b>	<b>3</b>	<b>2,958,628</b>	<b>\$230,298.79</b>	<b>\$0.0778</b>	<b>3</b>
Interdepartmental (In - No Dmd)	ED1	180,191	\$17,500.60	\$0.0971	49	163,603	\$13,602.92	\$0.0831	49	146,880	\$13,667.99	\$0.0931	49	107,189	\$10,148.70	\$0.0947	52
Interdepartmental (Out - No Dmd)	ED1O	0	\$0.00	\$0.0000	1	0	\$0.00	\$0.0000	1	125	\$11.64	\$0.0931	1	0	\$0.00	\$0.0000	1
Interdepartmental (In - w/Dmd)	ED2	385,094	\$36,500.01	\$0.0948	20	349,500	\$28,360.30	\$0.0811	20	343,092	\$31,180.79	\$0.0909	20	256,556	\$23,611.11	\$0.0920	20
Generators (JV2 Power Cost Only)	GJV2	23,895	\$475.27	\$0.0199	1	20,402	\$578.80	\$0.0284	1	19,246	\$807.18	\$0.0419	1	6,054	\$226.60	\$0.0374	1
Generators (JV5 Power Cost Only)	GJV5	20,530	\$408.34	\$0.0199	1	17,579	\$498.72	\$0.0284	1	16,701	\$700.44	\$0.0419	1	13,337	\$499.20	\$0.0374	1
<b>Total Interdepartmental</b>		<b>609,710</b>	<b>\$54,884.22</b>	<b>\$0.0900</b>	<b>72</b>	<b>551,084</b>	<b>\$43,040.74</b>	<b>\$0.0781</b>	<b>72</b>	<b>526,044</b>	<b>\$46,368.04</b>	<b>\$0.0881</b>	<b>72</b>	<b>383,136</b>	<b>\$34,485.61</b>	<b>\$0.0900</b>	<b>75</b>
<b>SUB-TOTAL CONSUMPTION &amp; DEMAND</b>		<b>13,874,997</b>	<b>\$1,389,898.10</b>	<b>\$0.1002</b>	<b>5,858</b>	<b>12,499,962</b>	<b>\$1,085,909.37</b>	<b>\$0.0869</b>	<b>5,863</b>	<b>12,472,623</b>	<b>\$1,210,948.33</b>	<b>\$0.0971</b>	<b>5,856</b>	<b>11,684,103</b>	<b>\$1,152,278.08</b>	<b>\$0.0986</b>	<b>5,859</b>
Street Lights (In)	SLO	0	\$14.20	\$0.0000	16	0	\$14.20	\$0.0000	16	0	\$14.20	\$0.0000	16	0	\$14.20	\$0.0000	16
Street Lights (Out)	SLOO	0	\$0.77	\$0.0000	2	0	\$0.77	\$0.0000	2	0	\$0.77	\$0.0000	2	0	\$0.77	\$0.0000	2
<b>Total Street Light Only</b>		<b>0</b>	<b>\$14.97</b>	<b>\$0.0000</b>	<b>18</b>	<b>0</b>	<b>\$14.97</b>	<b>\$0.0000</b>	<b>18</b>	<b>0</b>	<b>\$14.97</b>	<b>\$0.0000</b>	<b>18</b>	<b>0</b>	<b>\$14.97</b>	<b>\$0.0000</b>	<b>18</b>
<b>TOTAL CONSUMPTION &amp; DEMAND</b>		<b>13,874,997</b>	<b>\$1,389,913.07</b>	<b>\$0.1002</b>	<b>5,876</b>	<b>12,499,962</b>	<b>\$1,085,924.34</b>	<b>\$0.0869</b>	<b>5,881</b>	<b>12,472,623</b>	<b>\$1,210,963.30</b>	<b>\$0.0971</b>	<b>5,874</b>	<b>11,684,103</b>	<b>\$1,152,293.05</b>	<b>\$0.0986</b>	<b>5,877</b>

# Power (Energy) Cost Factor - History





RATE REVIEW COMPARISONS

<b>2013 SEPTEMBER - BILLING DETERMINATES - RATE COMPARISONS TO PRIOR PERIODS</b>										
Rate Comparisons to Prior Month and Prior Year for Same Period										
			<i>Current</i>	<i>Prior Month</i>	<i>Prior Year</i>			<i>Current</i>	<i>Prior Month</i>	<i>Prior Year</i>
	<u>Service Usage</u>	<u>Service Units</u>	<u>September 2013 Rate</u>	<u>August 2013 Rate</u>	<u>September 2012 Rate</u>	<u>Service Usage</u>	<u>Service Units</u>	<u>September 2013 Rate</u>	<u>August 2013 Rate</u>	<u>September 2012 Rate</u>
<u>Customer Type</u>										
<i>Customer Type -&gt;</i>	<b>RESIDENTIAL USER - (w/Gas Heat)</b>					<b>RESIDENTIAL USER - (All Electric)</b>				
Electric Customer Charge			\$6.00	\$6.00	\$6.00			\$6.00	\$6.00	\$6.00
Distribution Demand			\$16.53	\$16.53	\$16.53			\$33.39	\$33.39	\$33.39
Generation	978	kWh	\$80.45	\$85.21	\$70.31	1,976	kWh	\$162.55	\$172.17	\$142.05
kWH Tax- Level 1			\$4.55	\$4.55	\$4.55			\$9.19	\$9.19	\$9.19
kWH Tax- Level 2										
kWH Tax- Level 3										
<b>Total Electric</b>			<b>\$107.53</b>	<b>\$112.29</b>	<b>\$97.39</b>			<b>\$211.13</b>	<b>\$220.75</b>	<b>\$190.63</b>
Water	6	CCF	\$39.57	\$39.57	\$37.71	11	CCF	\$63.07	\$63.07	\$59.75
Sewer	6	CCF	\$54.58	\$54.58	\$54.58	11	CCF	\$76.78	\$76.78	\$76.78
Storm Water (Rate/ERU)			\$9.50	\$9.50	\$9.50			\$9.50	\$9.50	\$9.50
Refuse (Rate/Service)			\$18.00	\$18.00	\$18.00			\$18.00	\$18.00	\$18.00
<b>Sub-Other Services</b>			<b>\$121.65</b>	<b>\$121.65</b>	<b>\$119.79</b>			<b>\$167.35</b>	<b>\$167.35</b>	<b>\$164.03</b>
<b>Total Billing - All Services</b>			<b>\$229.18</b>	<b>\$233.94</b>	<b>\$217.18</b>			<b>\$378.48</b>	<b>\$388.10</b>	<b>\$354.66</b>
<i>Verification Totals-&gt;</i>			\$229.18	\$233.94	\$217.18			\$378.48	\$388.10	\$354.66
				<i>Cr.Mo to Pr.Mo</i>	<i>Cr.Yr to Pr.Yr</i>				<i>Cr.Mo to Pr.Mo</i>	<i>Cr.Yr to Pr.Yr</i>
Dollar Chg.to Prior Periods				-\$4.76	\$12.00				-\$9.62	\$23.82
% Inc/Dec(-) to Prior Periods				-2.03%	5.53%				-2.48%	6.72%
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Cost/kWH - Electric	978	kWh	\$0.10995	\$0.11482	\$0.09958	1,976	kWh	\$0.10685	\$0.11172	\$0.09647
% Inc/Dec(-) to Prior Periods				-4.24%	10.41%				-4.36%	10.76%
Cost/CCF - Water	6	CCF	\$6.59500	\$6.59500	\$6.28500	2	CCF	\$31.53500	\$31.53500	\$29.87500
Cost/GALLONS - Water	4,488	GAL	\$0.00882	\$0.00882	\$0.00840	1,496	GAL	\$0.04216	\$0.04216	\$0.03994
% Inc/Dec(-) to Prior Periods				0.00%	4.93%				0.00%	5.56%
Cost/CCF - Sewer	6	CCF	\$9.09667	\$9.09667	\$9.09667	2	CCF	\$38.39000	\$38.39000	\$38.39000
Cost/GALLON - Sewer	4,488	GAL	\$0.01216	\$0.01216	\$0.01216	1,496	GAL	\$0.05132	\$0.05132	\$0.05132
% Inc/Dec(-) to Prior Periods				0.00%	0.00%				0.00%	0.00%
<i>(Listed Accounts Assume SAME USAGE for kWh and Water (CCF) for All Billing Periods)</i>										

RATE REVIEW COMPARISONS

<b>2013 SEPTEMBER - BILL</b>										
Rate Comparisons to Prior Months										
			<i>Current</i>	<i>Prior Month</i>	<i>Prior Year</i>			<i>Current</i>	<i>Prior Month</i>	<i>Prior Year</i>
	<u>Service Usage</u>	<u>Service Units</u>	<u>September 2013 Rate</u>	<u>August 2013 Rate</u>	<u>September 2012 Rate</u>	<u>Service Usage</u>	<u>Service Units</u>	<u>September 2013 Rate</u>	<u>August 2013 Rate</u>	<u>September 2012 Rate</u>
<u>Customer Type</u>										
<i>Customer Type -&gt;</i>	<b>COMMERCIAL USER - (3 Phase w/Demand)</b>					<b>INDUSTRIAL USER - (3 Phase w/Demand)</b>				
Electric Customer Charge			\$18.00	\$18.00	\$18.00			\$100.00	\$100.00	\$100.00
Distribution			\$92.86	\$92.86	\$92.86	98,748	Reactive	\$7,279.05	\$7,279.05	\$7,279.05
Demand	20.31	kW/Dmnd				1510.1	kW/Dmnd	\$14,215.24	\$16,285.55	\$12,355.92
Generation	7,040	kWh	\$691.68	\$742.30	\$595.16	866,108	kWh	\$46,118.11	\$46,266.21	\$41,510.41
kWH Tax- Level 1			\$9.66	\$9.66	\$9.66			\$9.66	\$9.66	\$9.66
kWH Tax- Level 2			\$20.80	\$20.80	\$20.80			\$56.24	\$56.24	\$56.24
kWH Tax- Level 3								\$3,087.71	\$3,087.71	\$3,087.71
<b>Total Electric</b>			<b>\$833.00</b>	<b>\$883.62</b>	<b>\$736.48</b>			<b>\$70,866.01</b>	<b>\$73,084.42</b>	<b>\$64,398.99</b>
Water	25	CCF	\$126.07	\$126.07	\$119.67	300	CCF	\$1,420.51	\$1,420.51	\$1,344.61
Sewer	25	CCF	\$138.94	\$138.94	\$138.94	300	CCF	\$1,359.94	\$1,359.94	\$1,359.94
Storm Water (Rate/ERU)			\$9.50	\$9.50	\$9.50			\$330.00	\$330.00	\$330.00
Refuse (Rate/Service)			\$5.00	\$5.00	\$5.00			\$5.00	\$5.00	\$5.00
<b>Sub-Other Services</b>			<b>\$279.51</b>	<b>\$279.51</b>	<b>\$273.11</b>			<b>\$3,115.45</b>	<b>\$3,115.45</b>	<b>\$3,039.55</b>
<b>Total Billing - All Services</b>			<b>\$1,112.51</b>	<b>\$1,163.13</b>	<b>\$1,009.59</b>			<b>\$73,981.46</b>	<b>\$76,199.87</b>	<b>\$67,438.54</b>
<i>Verification Totals-&gt;</i>			\$1,112.51	\$1,163.13	\$1,009.59			\$73,981.46	\$76,199.87	\$67,438.54
				<i>Cr.Mo to Pr.Mo</i>	<i>Cr.Yr to Pr.Yr</i>				<i>Cr.Mo to Pr.Mo</i>	<i>Cr.Yr to Pr.Yr</i>
Dollar Chg.to Prior Periods				-50.62	\$102.92				-2,218.41	\$6,542.92
% Inc/Dec(-) to Prior Periods				-4.35%	10.19%				-2.91%	9.70%
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Cost/kWH - Electric	7,040	kWh	\$0.11832	\$0.12551	\$0.10461	866,108	kWh	\$0.08182	\$0.08438	\$0.07435
% Inc/Dec(-) to Prior Periods				-5.73%	13.11%				-3.03%	10.05%
Cost/CCF - Water	6	CCF	\$21.01167	\$21.01167	\$19.94500	250	CCF	\$5.68204	\$5.68204	\$5.37844
Cost/GALLONS - Water	4,488	GAL	\$0.02809	\$0.02809	\$0.02666	187,000	GAL	\$0.00760	\$0.00760	\$0.00719
% Inc/Dec(-) to Prior Periods				0.00%	5.35%				0.00%	5.64%
Cost/CCF - Sewer	6	CCF	\$23.15667	\$23.15667	\$23.15667	250	CCF	\$5.43976	\$5.43976	\$5.43976
Cost/GALLON - Sewer	4,488	GAL	\$0.03096	\$0.03096	\$0.03096	187,000	GAL	\$0.00727	\$0.00727	\$0.00727
% Inc/Dec(-) to Prior Periods				0.00%	0.00%				0.00%	0.00%
<i>(Listed Accounts Assume SAME)</i>										



# Electric Department Report August 2013

There were 9 outages/callouts during the month of August. One callout was due to a semi catching phone cables near Tullocks Marina. One outage was due to an animal getting into the primary wires. One call out was to reconnect a service. One outage was due to a bad transformer. One outage was a bad connection at the customers service. Two callouts were problems with the pool pump blowing fuses. One callout was a service reconnect. One callout was a line locate for a waterline break on Enterprise.

## **Line Department / Service Truck**

The line crews worked on a rebuild on Co. Rd 16 between R and S. They also completed a line extension on Co. Rd. 10 North to Co. RD V then West to run 3 Phase to a farmer. Crews relocated a service line on Highland that was damaged by the storm. Crews upgraded the chicken wing construction to regular cross arms on West Maumee. Line crews upgraded the wire on Co. Rd. V between Co. Rds.16 and 17. Crews completed CPR training. Crews replaced bad primary on Moorings Drive and replaced a pole on Rd R hit in an accident. Crews completed a new URD service on Buckeye and a directional bore primary on Kennilworth. Linemen replaced a pole on Kennilworth to finish a loop feed to Chelsea. The service truck completed work orders and locates

## **Substation Department:**

Todd Wachtman and Nikk Hogrefe performed general substation maintenance, replaced a temperature control at Glenwood Substation, mowed grass at substations and poured concrete bases for new perimeter lighting at Glenwood and Southside Substations.

## **Forestry Department:**

Jamie Howe and Thomas Miller trimmed trees on Road 14B, Co. Rd. 424, service drop at Co. Rds. S and 10, Lynne and Clairmont, 930 Clairmont, Glenwood and Woodlawn, Bales Road, Vocke Street, Glenwood, Lakeview , and Jahns.

## **Storeroom/Inventory/ Metering Department:**

Shawn Druhot has been reading meters along with purchasing, maintaining and counting inventory. Shawn sprayed the service yard, pulled vegetation around yard inventory and delivered fluorescent bulbs to Bowling Green recycling center.

The Peak Load for August, 2013 was 28.28 MW occurring on the 27th at 9:00 P.M. This was a decrease of 2.87 MW from August of 2012. The average load for August, 2013 was 19.39MW. This value was a decrease of 0.8 MW from August 2012. The Turbines ran on August 13<sup>th</sup> and produced 42.8 MW. The JV-2 and JV-5 ran on August 15<sup>th</sup> and produced 5.4 MW each. The Amp Solar Field showed a peak of 3.67 MW and the Output was 594,699.00 KWH.



# City of Napoleon, Ohio



## SUMMARY OF AUGUST 2013 OUTAGE/STANDBY CALL-OUTS

### **August 6, 2013:**

Electric personnel were dispatched at 5:15 p.m. to E. Riverview Ave. by Tullock's Marina for a semi that turned around and caught a cable wire. The employees taped the wire up.

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### **August 7, 2013:**

One employee was dispatched at 7:35 p.m. to 874 Daggett Dr., Apt. 2 for a reconnect of service.

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### **August 9, 2013:**

Electric personnel were dispatched at 5:15 p.m. to 821 S. Perry St. due to a bad transformer at the Fair Grounds. The fuse was down on the transformer by the grandstand and it also feeds the lights on the South end of the race track. The personnel changed the transformer.

---

### **August 11, 2013:**

Electric personnel were dispatched at 9:55 p.m. to 927 Park St. due to a power outage. The outage lasted one hour and affected one customer. The outage was due to a bad connection at the house. The personnel squeezed the connections at the house.

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### **August 13, 2013:**

Electric personnel were notified by Greg Kuhlman at 3:45 p.m. to go to the Golf Course Pumps. Contractors dug into the pumps underground wire. Personnel talked with the contractor and an electrician is fixing the wire.

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### **August 15, 2013:**

Electric personnel were dispatched at 3:45 p.m. to 500 E. Clinton St. due to a power outage. The outage lasted forty five minutes and affected one customer. The outage was due to a squirrel that blew a fuse. The personnel replaced the fuse.

**August 16, 2013:**

One employee was dispatched at 4:00 p.m. to 800 Sheffield Ave., Apt. 4 for a reconnect of service.

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**August 17, 2013:**

Electric personnel were dispatched at 7:45 a.m. to 515 Glenwood Ave. (City of Napoleon Swimming Pool) due to a pump failure. The personnel replaced the fuses.

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**August 31, 2013:**

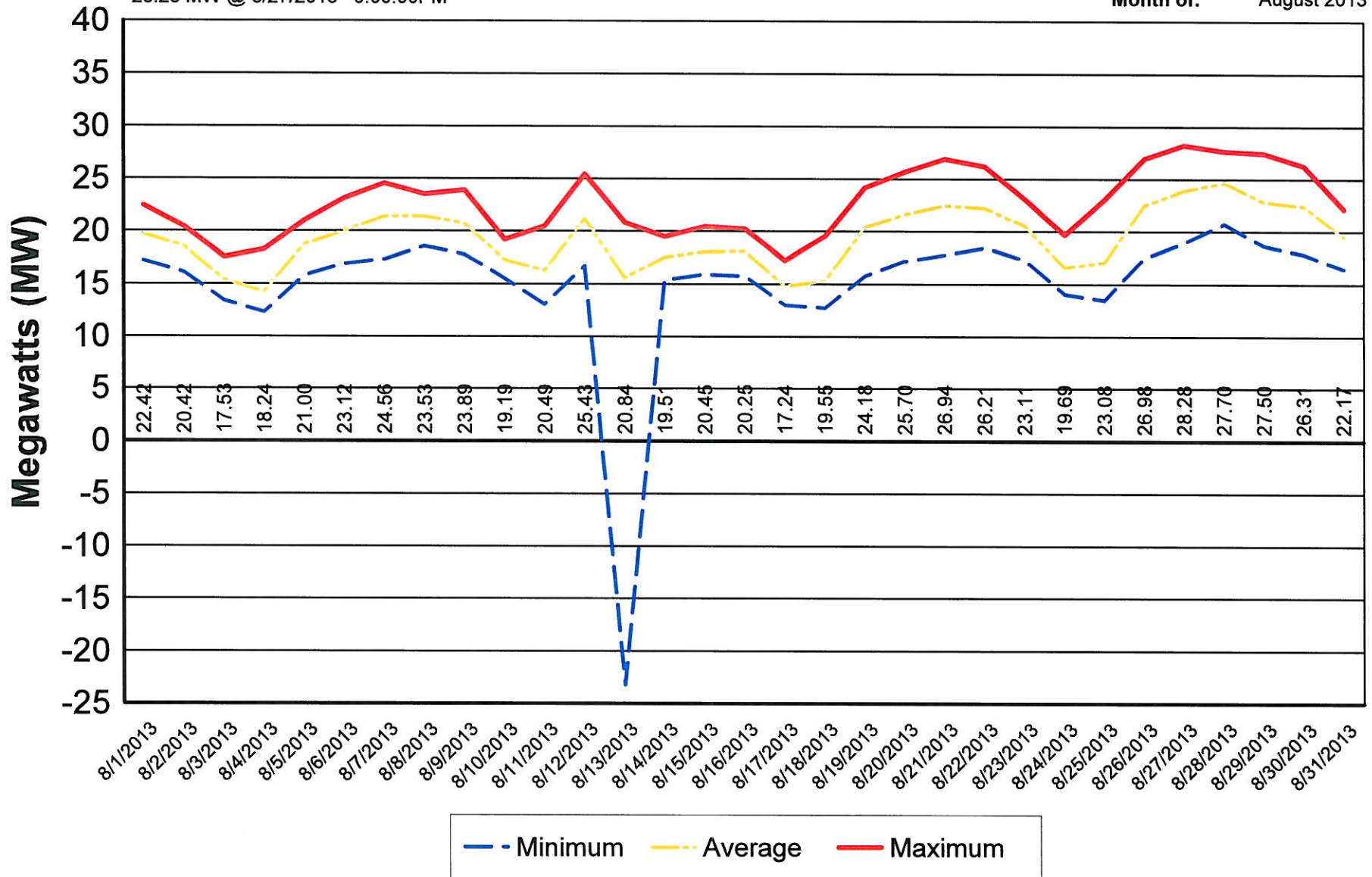
One employee was dispatched at 8:30 p.m. to Enterprise Ave. by Industrial Substation to do a line locate for a water main break.

# Napoleon Power & Light

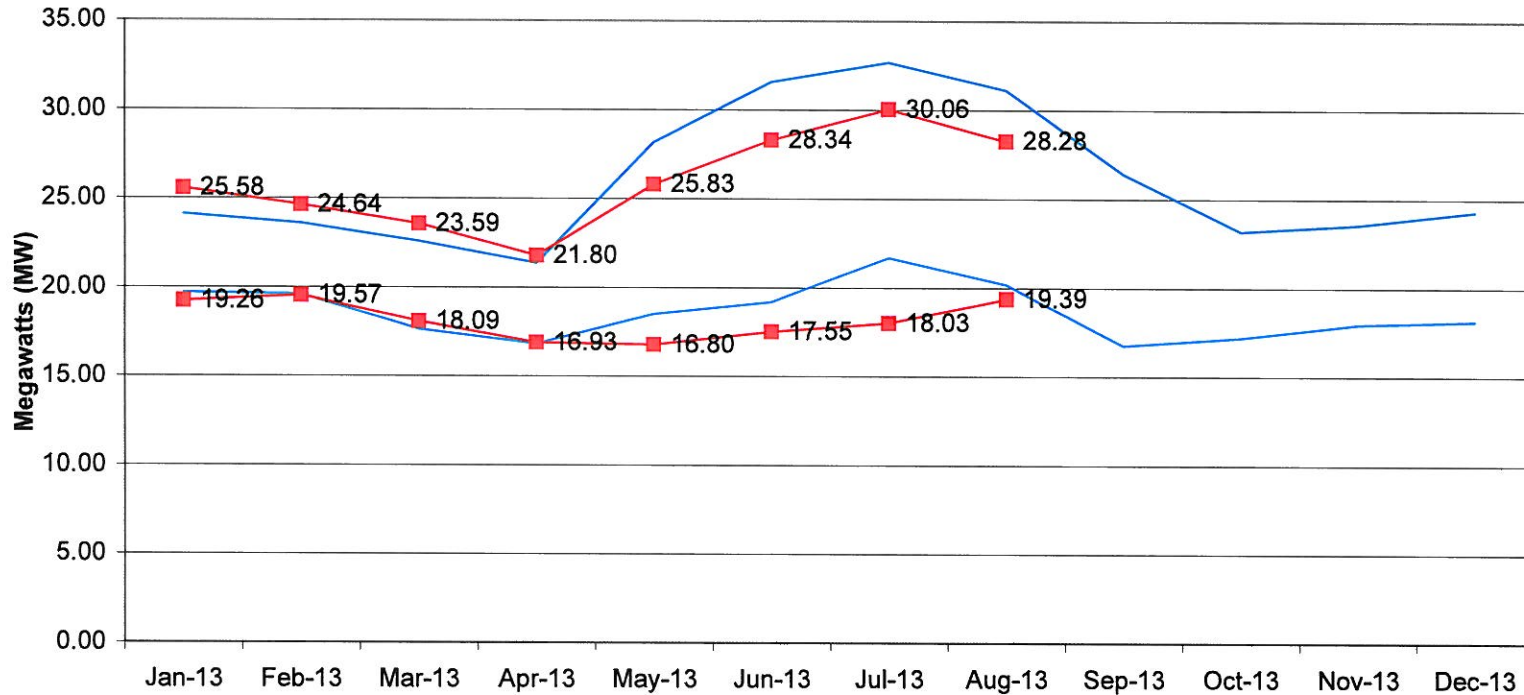
## System Load

Peak Load:  
28.28 MW @ 8/27/2013 9:00:00PM

Month of: August 2013



# NAPOLEON POWER & LIGHT



	1/1/2013	2/1/2013	3/1/2013	4/1/2013	5/1/2013	6/1/2013	7/1/2013	8/1/2013	9/1/2013	10/1/2013	11/1/2013	12/1/2013
— 2012 MAX	24.12	23.61	22.61	21.37	28.19	31.59	32.71	31.15	26.43	23.20	23.59	24.33
— 2012 AVG	19.70	19.61	17.64	16.86	18.51	19.21	21.71	20.19	16.77	17.21	17.98	18.15
— 2013 MAX	25.58	24.64	23.59	21.80	25.83	28.34	30.06	28.28				
— 2013 AVG	19.26	19.57	18.09	16.93	16.80	17.55	18.03	19.39				

— 2012 MAX — 2012 AVG — 2013 MAX — 2013 AVG

\*\* 900-1400 residential homes served / MW average load

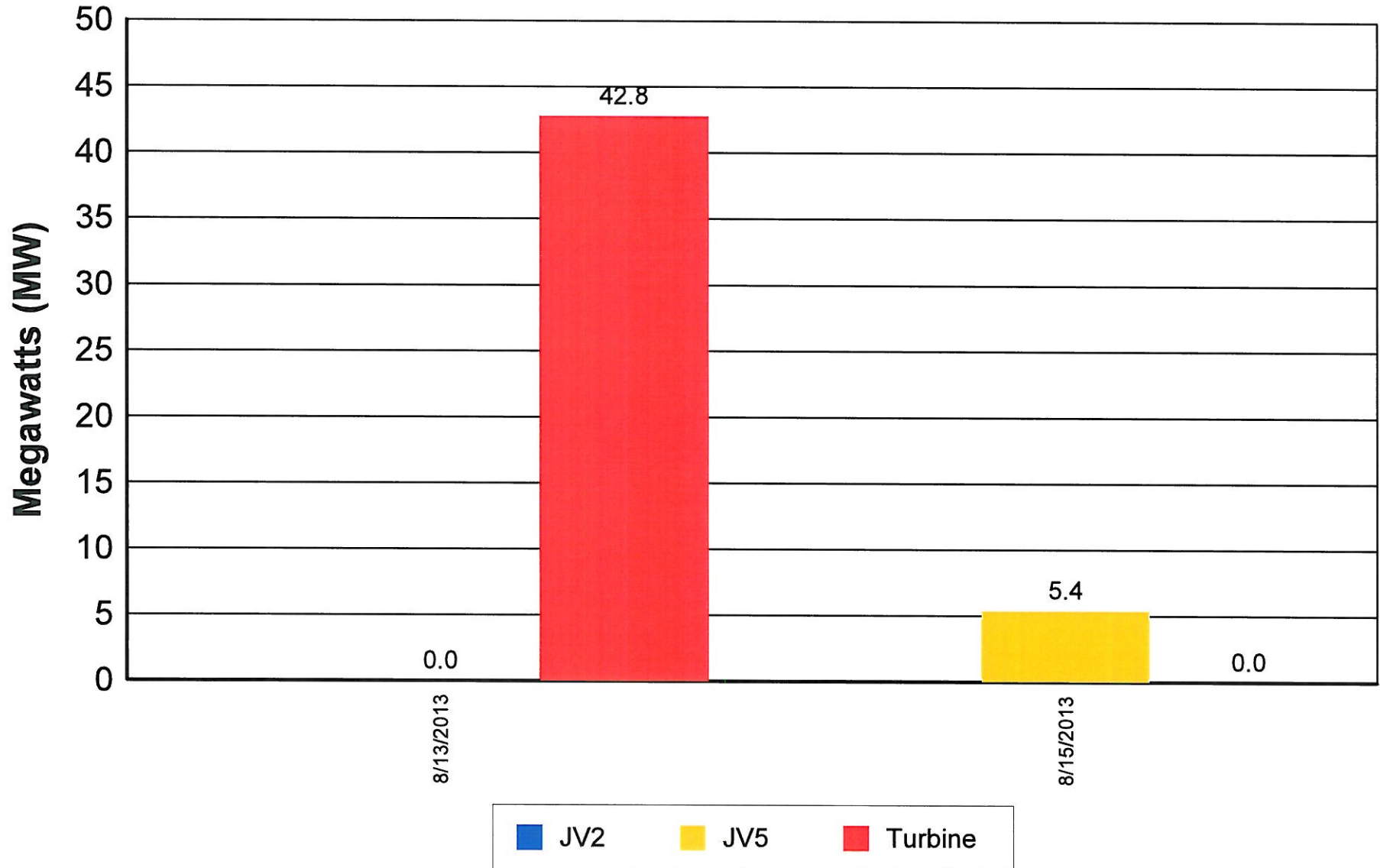
\*\* 300-800 residential homes served / MW peak load

# Napoleon Power & Light

## AMPO Generation

Starting: August 1, 2013 0:00

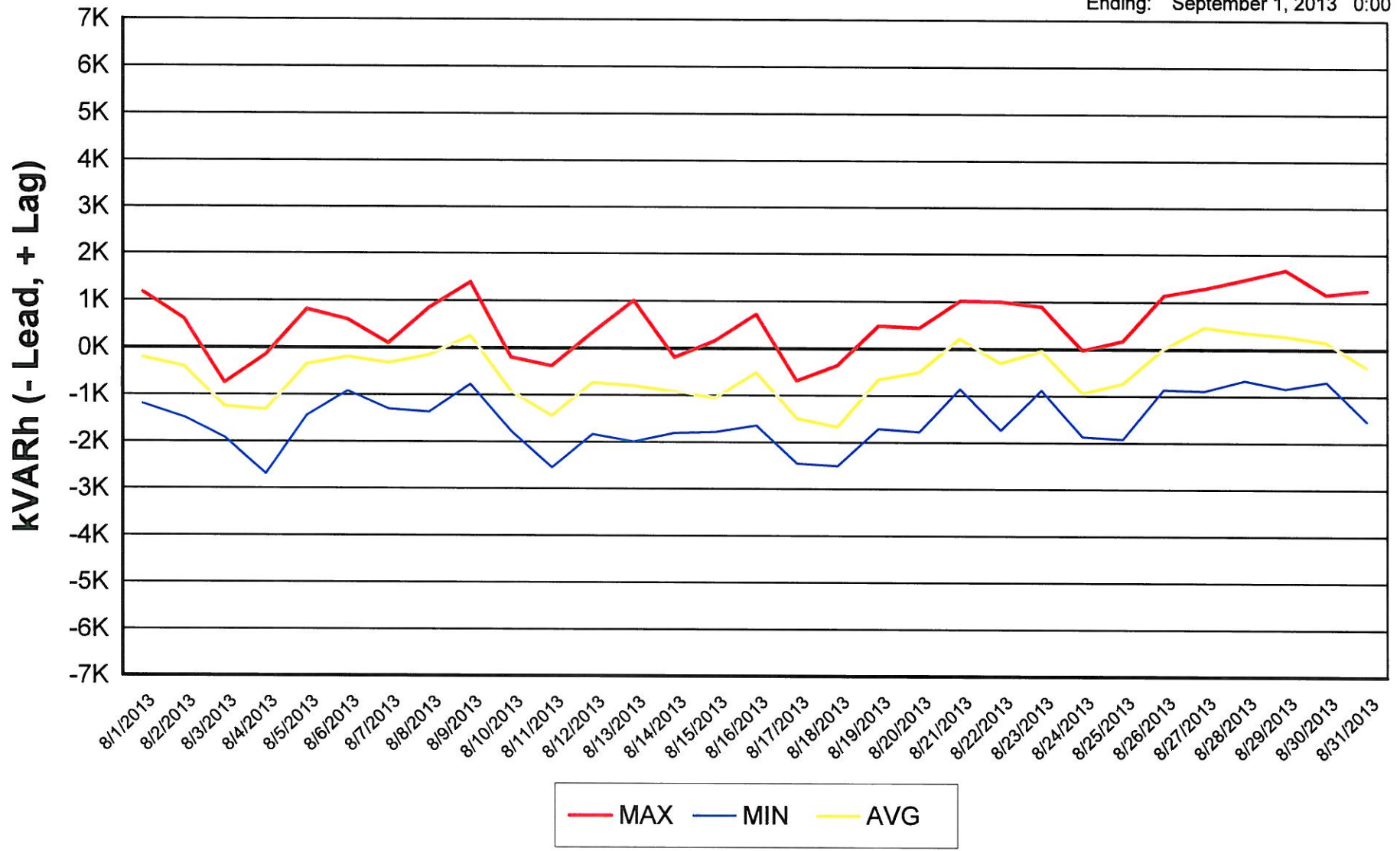
Ending: September 1, 2013 0:00



# Napoleon Power & Light

## System KVAR

Starting: August 1, 2013 0:00  
Ending: September 1, 2013 0:00

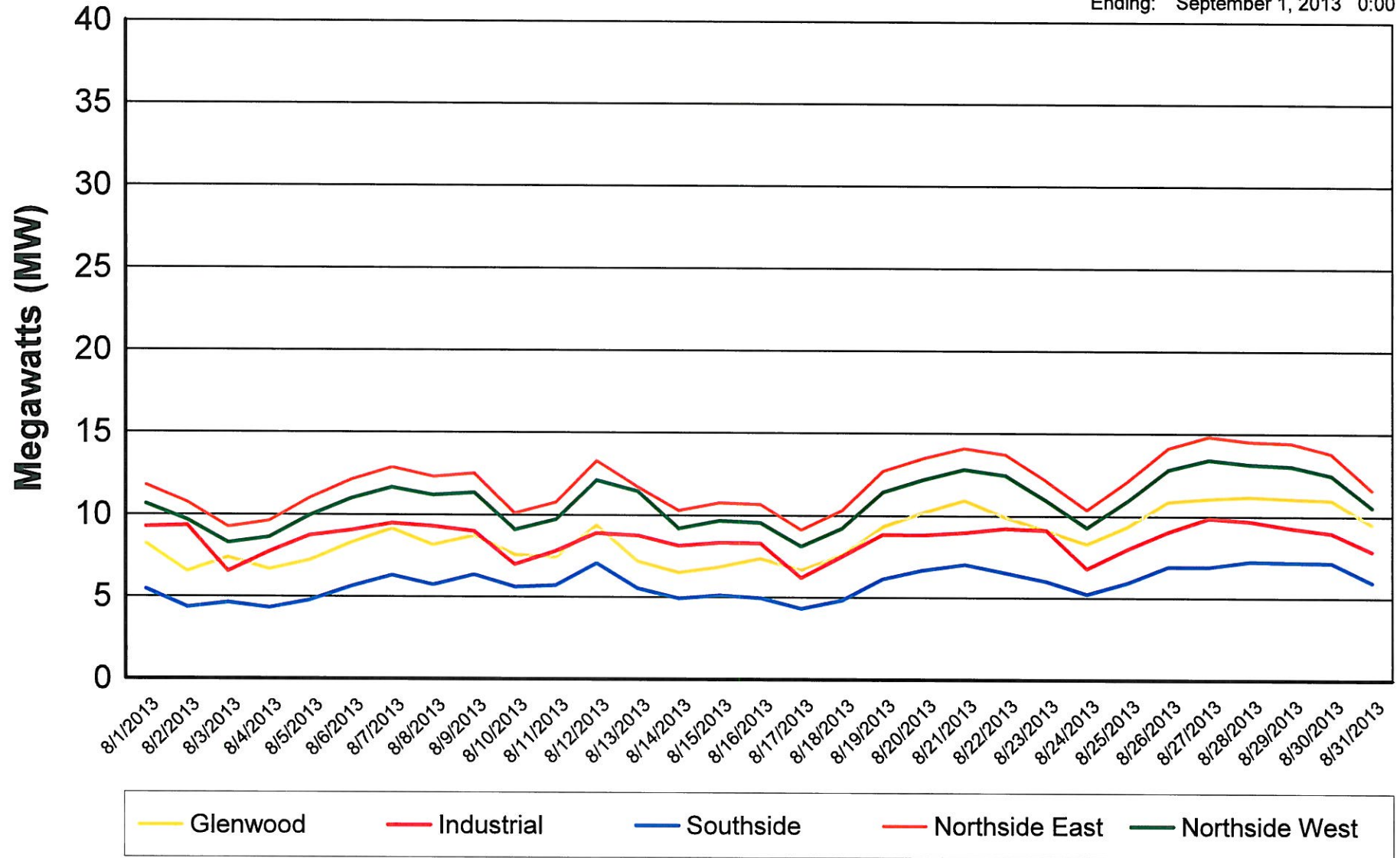




# Napoleon Power & Light

## Substation Transformer Load

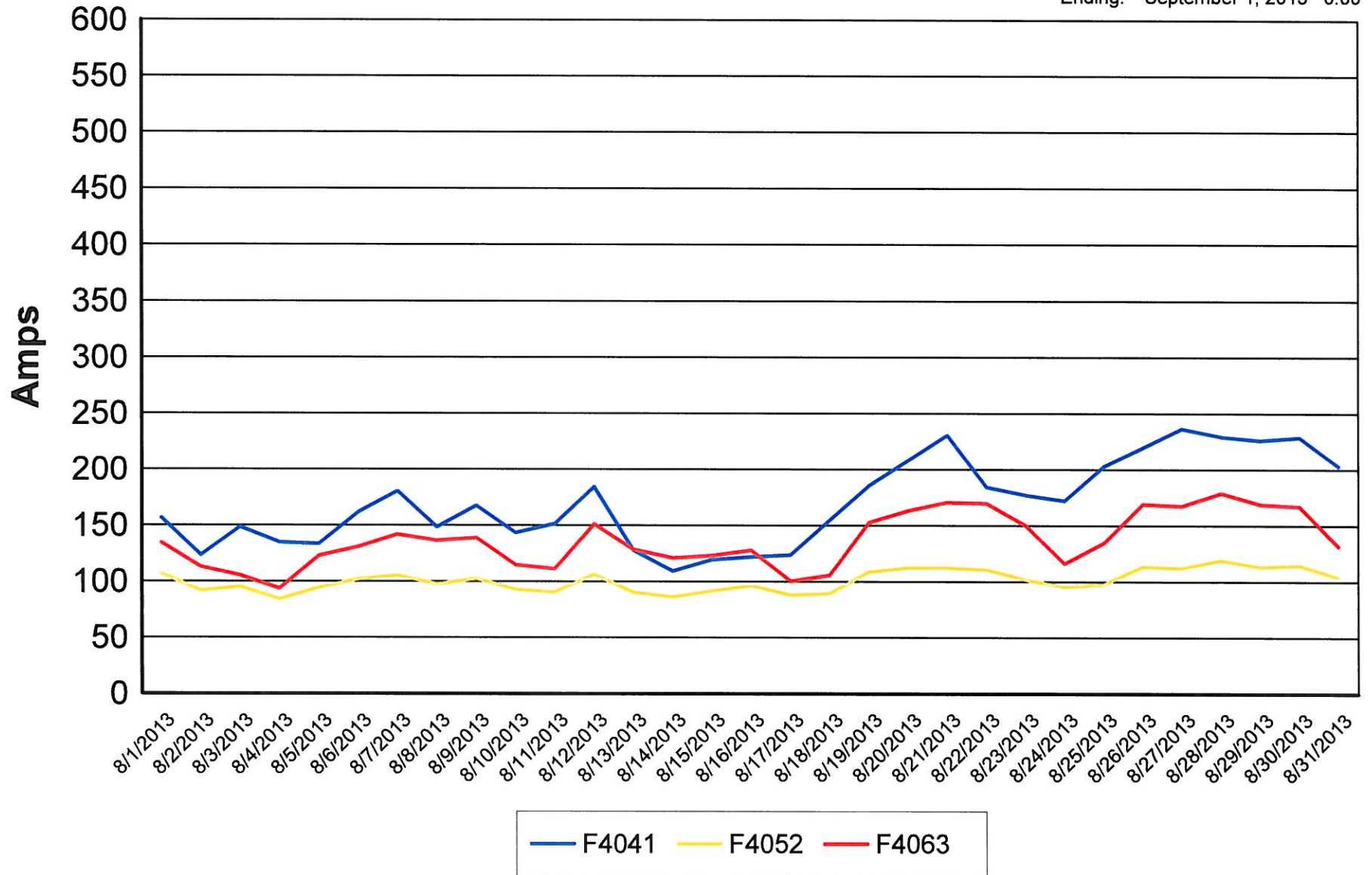
Starting: August 1, 2013 0:00  
Ending: September 1, 2013 0:00



# Napoleon Power & Light

## Glenwood Feeder Load

Starting: August 1, 2013 0:00  
Ending: September 1, 2013 0:00

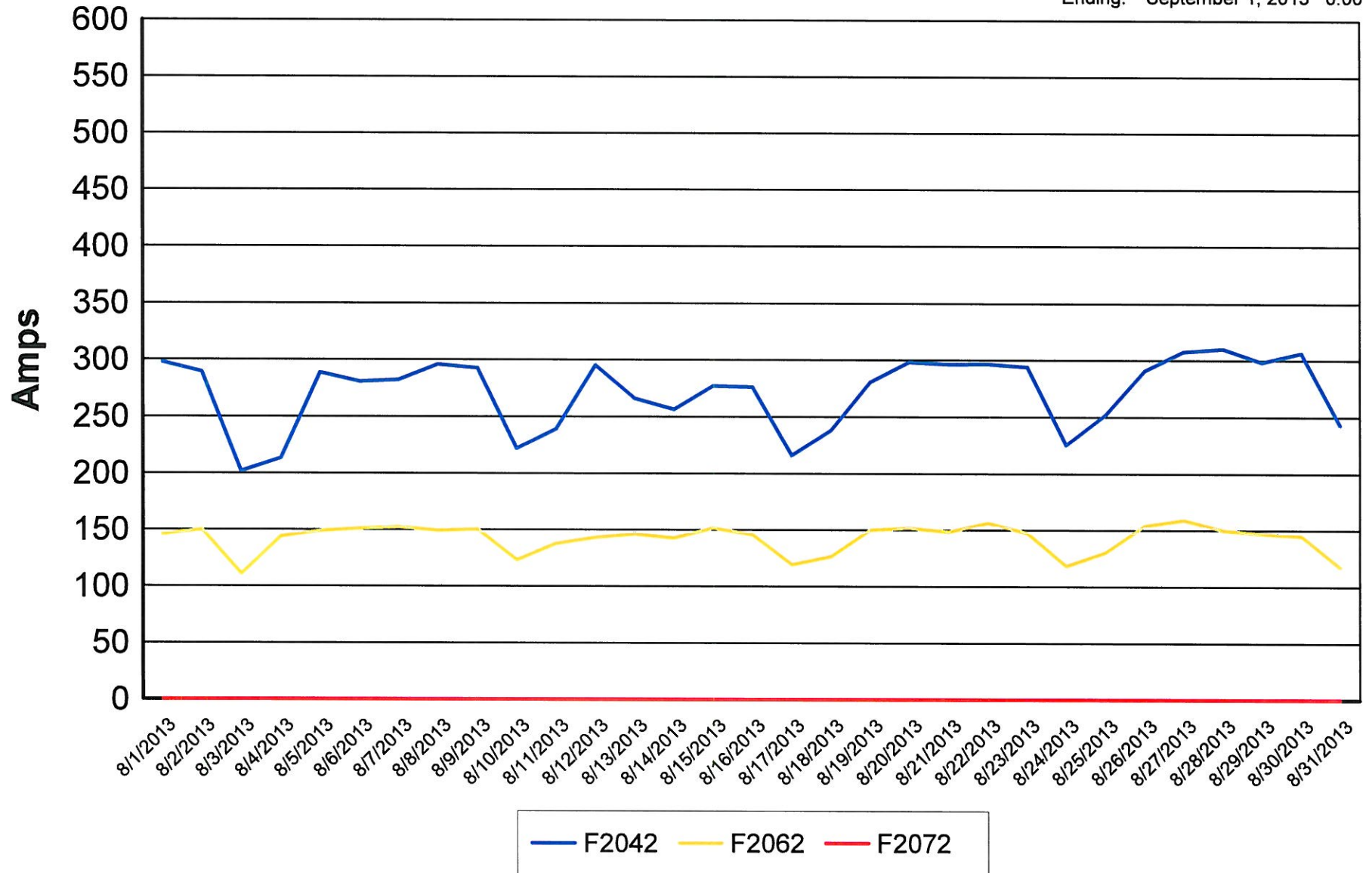




# Napoleon Power & Light

## Industrial Feeder Load

Starting: August 1, 2013 0:00  
Ending: September 1, 2013 0:00

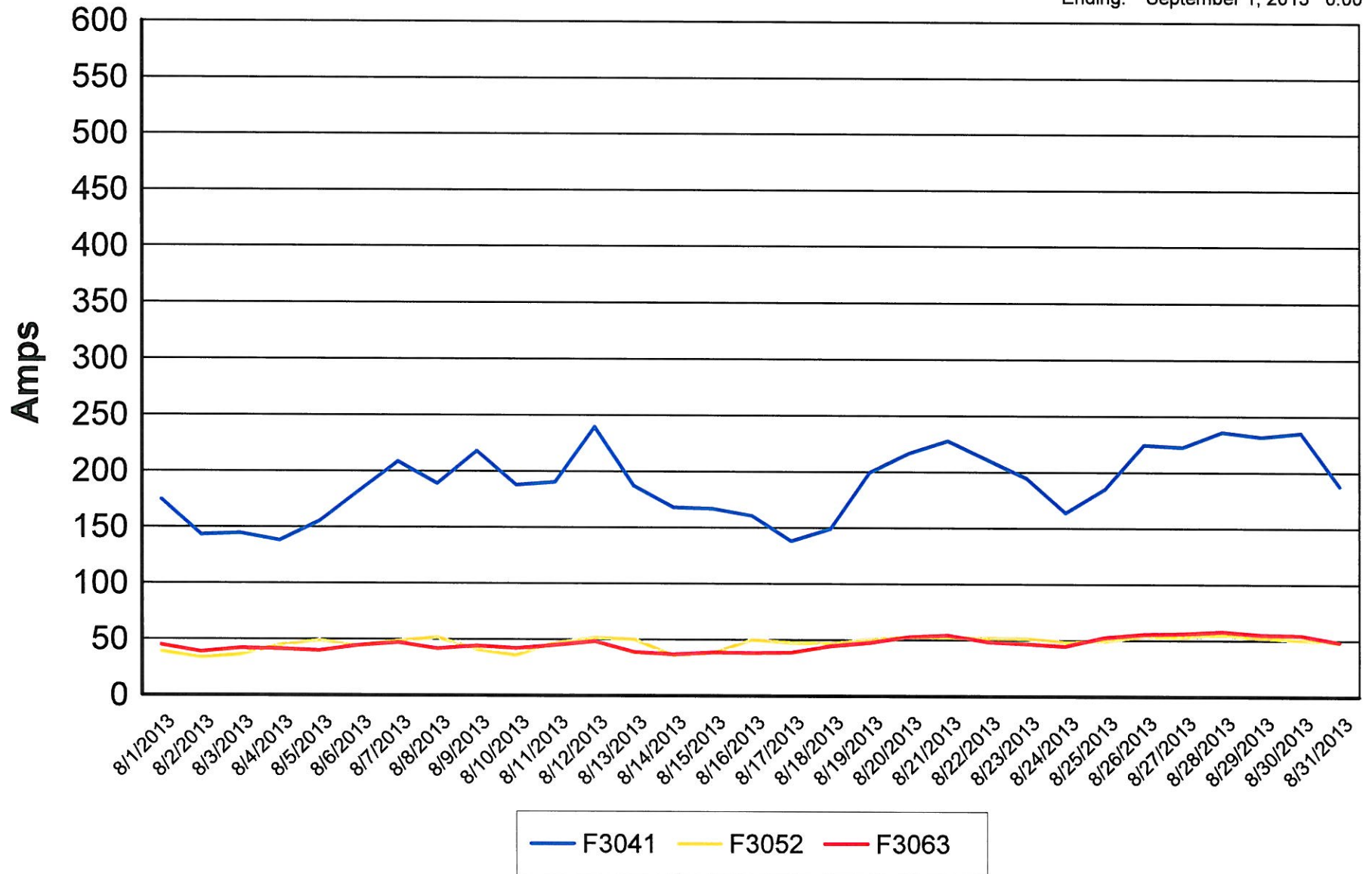


# Napoleon Power & Light

## Southside Feeder Load

Starting: August 1, 2013 0:00

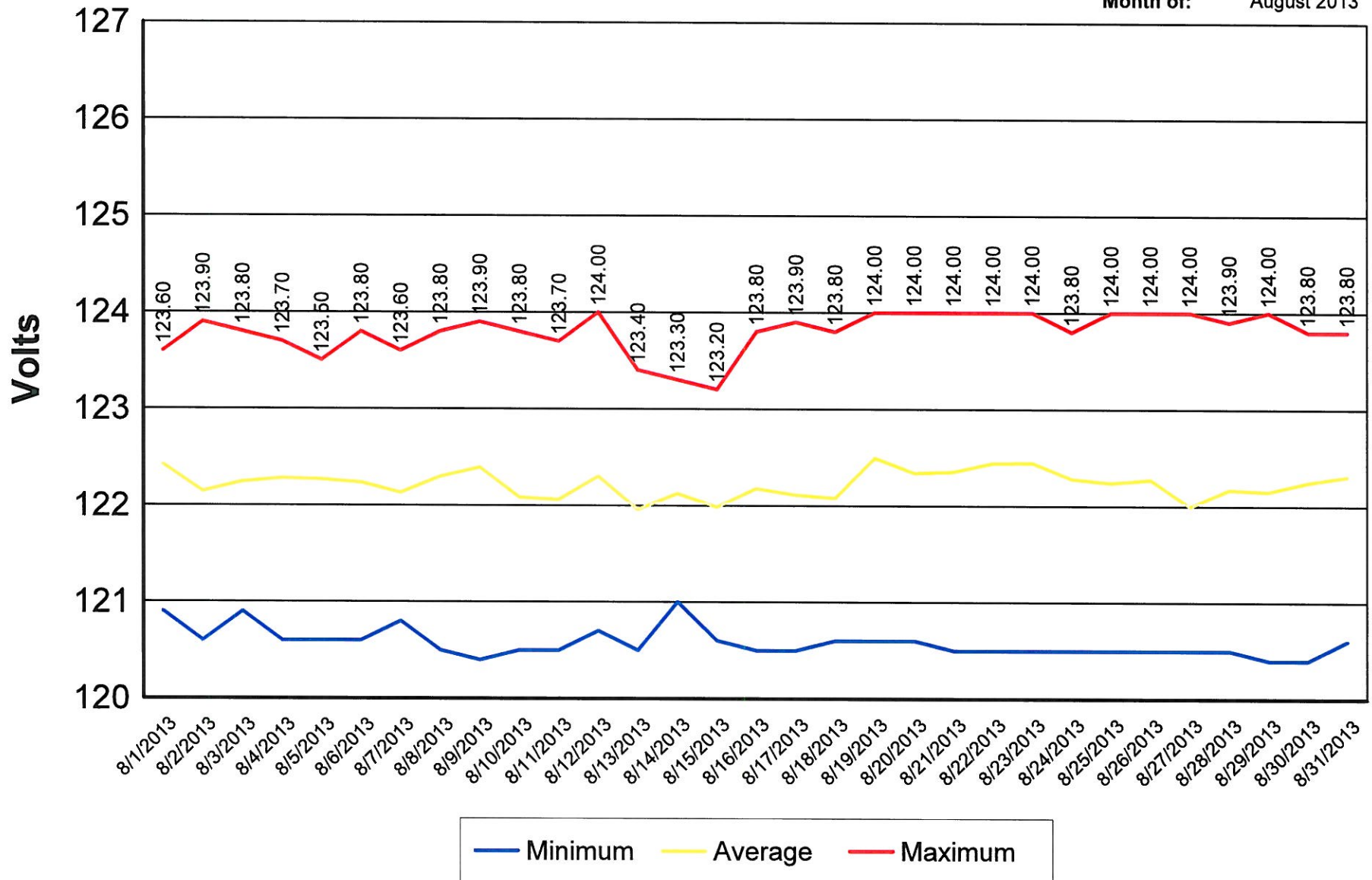
Ending: September 1, 2013 0:00



# Napoleon Power & Light

## Glenwood Voltage

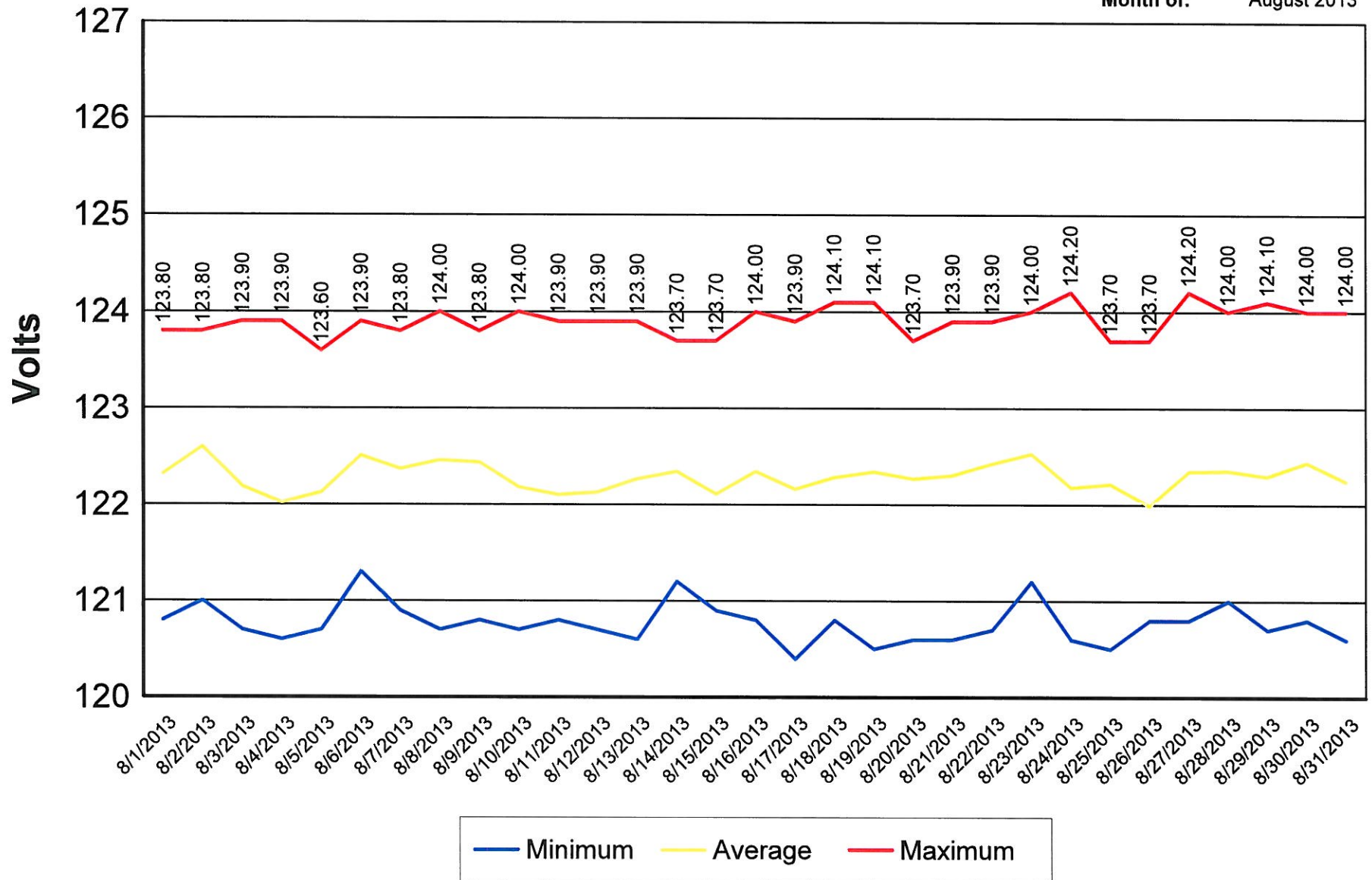
Month of: August 2013



# Napoleon Power & Light

## Industrial Voltage

Month of: August 2013

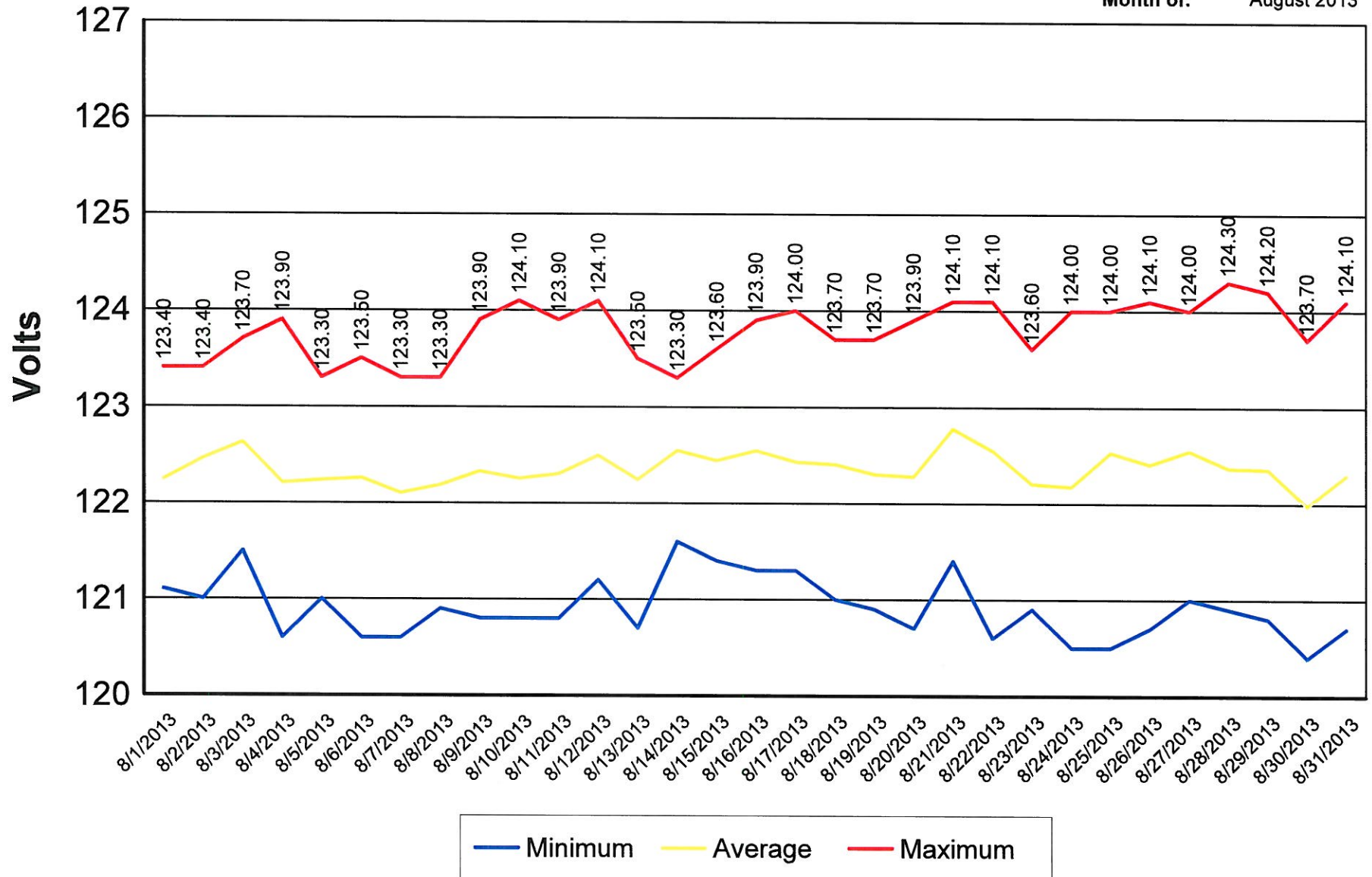




# Napoleon Power & Light

## Southside Voltage

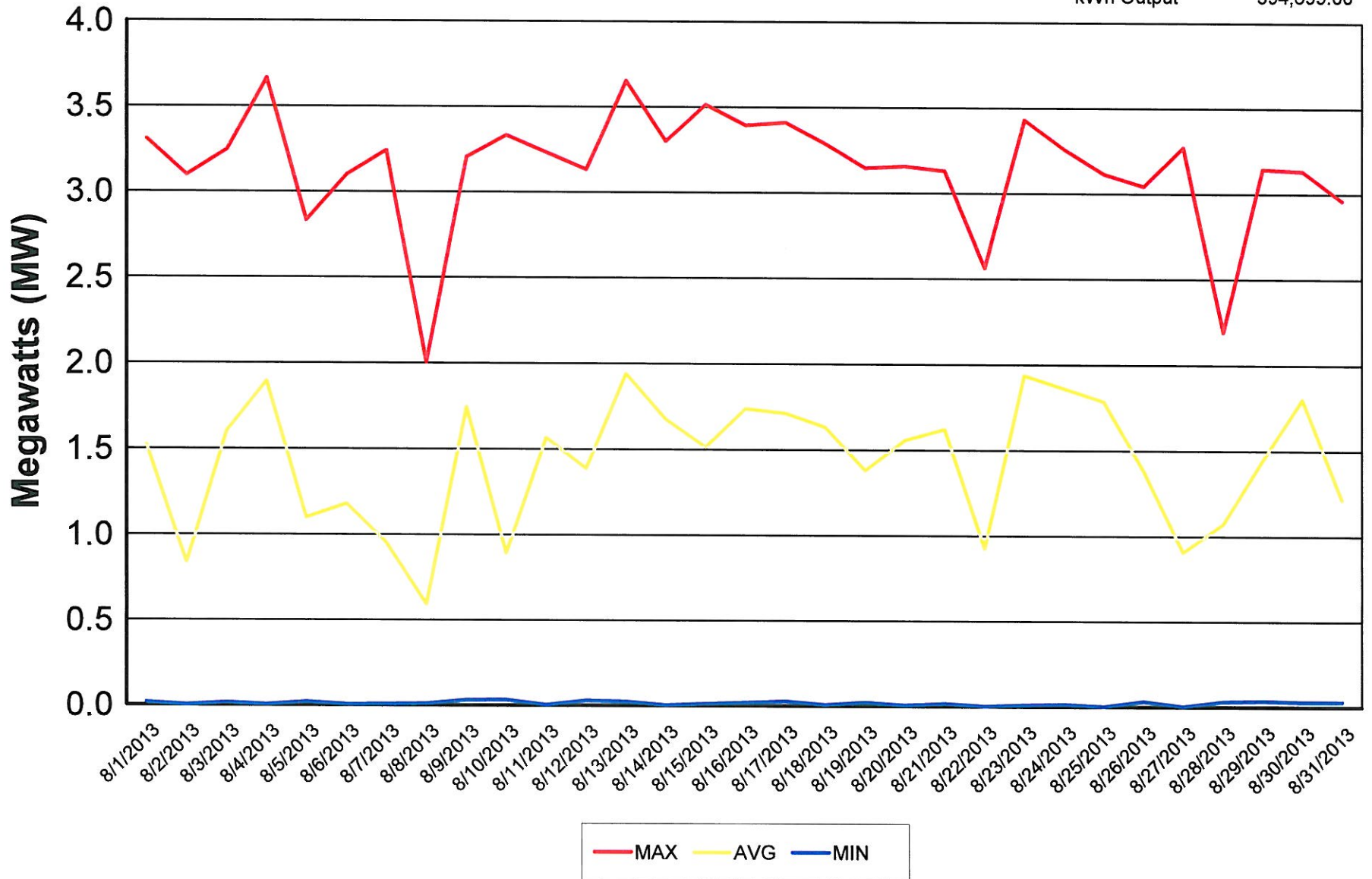
Month of: August 2013



# Napoleon Power & Light

## Solar Field Output

Peak Output: 3.67  
kWh Output 594,699.00



## City of Napoleon, Ohio

# BOARD OF PUBLIC AFFAIRS (BOPA)

LOCATION: City Hall Offices, 255 West Riverview Avenue, Napoleon, Ohio

### Meeting Agenda

Monday, September 9, 2013 at 6:30 PM

- I. Approval of Minutes (*In the Absence of any Objections or Corrections, the Minutes Shall Stand Approved*)
- II. Review/Approval of the Electric Billing Determinants for September:  
Generation Charge: Residential @ \$.08226; Commercial @ \$.09825;  
Large Power @ \$.05605; Industrial @ \$.05605; Demand Charge Large  
Power @ \$10.78; Industrial @ \$11.46; JV Purchased Cost: JV2 @  
\$.04060; JV5 @ \$.04060
- III. Electric Department Report
- IV. Any Other Items to Come Before the Board

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Gregory J. Heath, Finance Director/Clerk of Council





**Rate Levelization Plan**

There would have been double the amount of damage otherwise. Clapp said we try to go 3-5 years on trimming trees. This has been the worst year for trimming due to so much moisture and trees growing so fast.

Bisher said the proposed legislation from AMP for the rate levelization plan said interest would be 1.5%. That was a mistake. The actual rate is .15%. BOPA & the Committee agreed to let AMP do the levelization, but since the rate was listed incorrectly, Bisher wanted to bring it back for review.

DeWit said he still disagrees with this concept. We're trying to be a nanny state when we don't need to be. There will not be that much fluctuation in the rates. It is a can of worms we don't need to be involved in. Our rate will fluctuate that much this year alone. Engler said we are trying to help businesses budget. DeWit said we don't know what prices will be. We are telling people we know when we don't. Engler said we do in a way.

Engler and Cordes said this information will not change their yes votes on going forward with rate levelization. DeWit said his vote remains NO.

**Motion To Adjourn**

Motion: DeWit Second: Clapp  
To adjourn the meeting at 6:55 PM

**Passed**  
**Yea-3**  
**Nay-0**

Roll call vote on above motion:  
Yea- Cordes, DeWit, Engler  
Nay-

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**Date**

Keith Engler, Chair

City of Napoleon, Ohio

# WATER, SEWER, REFUSE, RECYCLING & LITTER COMMITTEE

LOCATION: City Hall Offices, 255 West Riverview Avenue, Napoleon, Ohio

## Meeting Agenda

Monday, September 9, 2013 at 7:00 PM

- I. **Approval of Minutes** *(In the Absence of any Objections or Corrections, the Minutes Shall Stand Approved)*
- II. **Unison Site Leasing On Water Towers**
- III. **Assigning Malinta and Florida Water Contracts to Henry County Regional Water/Sewer District**
- IV. **Any Other Matters Currently Assigned To Committee**

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Gregory J. Heath, Finance Director/Clerk of Council

City of Napoleon, Ohio  
**WATER, SEWER REFUSE, RECYCLING & LITTER COMMITTEE**

**Meeting Minutes**

Monday, July 8, 2013 at 7:00 pm

**PRESENT**

**WSRRL Committee Members**  
**BOPA Members**  
**City Staff**

Jeff Lankenau – Chair, Patrick McColley, Chris Ridley  
Keith Engler – Chair, Dr. David Cordes, Mike DeWit  
Dr. Jon A. Bisher, City Manager  
Gregory J. Heath, Finance Director/Clerk of Council  
Trevor Hayberger, City Law Director  
Dennie Clapp, Electric Dept. Superintendent  
Chad Lulfs, City Engineer  
Roxanne Dietrich, Administrative Assistant

**Acting Recorder**  
**Others**

Tammy Fein  
Ron Behm, John Helberg, Jim Hershberger, Mike Migliore (AMP), News media

**Call To Order WSRRL Committee**

Chairperson Lankenau called the meeting to order at 8:05 pm.

**Approval Of Minutes WSRRL Committee**

The Monday, June 10, 2013 meeting minutes stand approved as presented with no objections or corrections.

**Sewer Insurance**

Bisher stated that sewer insurance will be based on the unequal probability of needing it, Bisher added that sewer insurance could be mandated however that would be considered a rate hike. McColley questioned how well it would work since residents can opt in and opt out at any time. Hayberger reminded the Committee that this issue had been brought up approximately eight (8) months ago by Tom Druhot and the Committee already voted no on it; Lankenau added that it was a self insurance involving a small extra charge. McColley restated that the option to opt in and opt out at any time will cause residents to opt in when something needs to be fixed and opt out after the work is done. DeWit agreed with McColley but is concerned about residents that are stuck paying for a sewer tap that is under the road; DeWit stated the rate should be changed so that the homeowner is responsible to the property line and the City is responsible for sewer under the road.

Ridley stated that if the City's ownership is going to be extended under the streets, then there must be discussion as to how to pay for it, whether it be through insurance or rates; McColley added that the insurance method will not work.

**WSRRL Motion To Accept BOPA Recommendation**

Motion: McColley                      Second: Ridley  
To accept BOPA recommendation to not approve sewer insurance

**Passed**  
**Yea- 3**  
**Nay- 0**

Roll call vote on above motion:  
Yea- Ridley, Lankenau, McColley  
Nay-

**Sewer Assessment**

Bisher stated that this is a method for paying for any type of infrastructure improvement; the City has done this to pay for the South Side Sewer Project and the Welsted Main Project and the North Point Project, with the last assessment taking place approximately eight (8) years ago. Bisher stated that water assessments are typically based on frontage and sewer assessments are typically based on the area that it serves; assessments have a rigid legal process to establish and there are certain things that cannot be done with assessments; the Committee cannot consider doing assessments after the project is planned and bid, there will not be enough time to do the assessments; it is a policy decision that will direct staff on how to proceed with the timing of the project. Bisher stated that assessments have not taken place through the recent findings and orders, but instead project costs have been socialized through rates instead of portions of direct benefit.

Engler asked if most of these sewer separation projects are due to EPA findings and orders; Bisher replied yes, almost exclusively. Heath added that socialization of projects causes rates to increase so if this Council wants projects in the future to be assessed, now is the time to allow that. McColley stated that by assessing, the rates could be lowered and desocialized; suggesting a yearly percentage or maximum value. DeWit stated that residents will be concerned with why they are being assessed

**WSRRL Committee Motion To Accept BOPA Recommendation To Not Approve Sewer Assessments**

Motion: McColley Second: Lankenau  
To accept BOPA recommendation to not approve sewer assessments

**Passed**  
**Yea- 2**  
**Nay- 1**

Roll call vote on above motion:  
Yea- Ridley, Lankenau  
Nay- McColley

**Discussion**

McColley stated for the record that there is not information for McColley to make an informed decision and will therefore vote no to the recommendation.

**Sewer Ownership**

Heath stated that since assessments have now been voted on and not approved, now future projects will be socialized. Engler asked what the current policy is; Bisher explained that there is a discrepancy between the water projects and sewer projects and will explain them separately; water projects typically have a shutoff valve at the property line and everything beyond that shutoff valve lateral to the house is the responsibility of the homeowner, everything up and including the shutoff valve is the City's responsibility. If the homeowner lives on the side of the street opposite the fire hydrant and a water lateral goes bad under the street that has not reached the shutoff then it is the City's responsibility to repair that lateral; that is not the case with the sewer. The sewer has never had a demarcation line so the policy is where the tap is; from where the sewer main is located in the easement near the property line is the homeowner's responsibility, the homeowner is responsible starting at the sewer main to the residence if the lateral fails, this includes residents who live across the street from the sewer main as well, making the resident responsible for the sewer line under the streets to the sewer main, this means these residents not only

have to pay to open up the street to fix the lateral, but it could also be very deep causing it to be a very costly issue. As an example, Heath recently paid \$7,000 for a line sixteen feet deep that was not on the other side of the street but in the middle of the street; Heath noted that the City owns the right-of-way, the City controls the whole mechanism into the right-of-way meaning that Heath was not allowed to rent his own backhoe to dig down to the break to fix the tap, the City controls the process meaning the person doing the construction must be bonded and be a certified contractor.

Heath stated that this issue has been brought before the Board previously as a memo dated August 2012 was entered explaining Heath's view; Lankenau added that this has been decided approximately three times since Lankenau has been on Council not to modify the policy. McColley added that the City should not take this cost over completely as people will opt in to have even minor repairs replaced. Lulfs added there is an assistance program if residents separate the sewer from rain water; the City will pay for 2/3 the cost of the work, not to exceed \$2,500.

DeWit stated concerns with the sewer failing at points that the City, not the homeowner, put in under the road and it's not on the homeowner's property. McColley noted that this issue is similar to the assessment issue to help the homeowner bear the costs. Ridley disagreed; the sewer issue that is not on the homeowner's property and was not put in by the homeowner means that the City should be responsible to repair the issue to the property line. Lulfs noted that regarding the water line, the City is responsible to the valve, not the property line; McColley added if there is a water leak, the valve can be turned off. Lulfs reiterated that the taps are approximately \$4,000 each and if there are 2,000 taps that have not been replaced, the total is \$8,000,000. McColley asked if the sewers fail at the connection point; Lulfs answered during the last few years approximately 25% of the fails have been at the Y connection on the lateral due to the weight of the soil on the ceramic pipes. Lulfs added that the City helps the residents by using their push camera in the lines as much as possible but if the tap is full of water, the camera cannot be used. Bisher stated that there is new technology that occasionally allows the work to be done remotely underground with no digging involved; but sometimes the clay sewer pipes just collapse. Engler asked if the numbers on how many have failed and are they continuing to fail and approximate costs can be obtained; Lulfs stated that there has been almost no sanitary sewer work done on the South side of the City, there has been storm sewer work, a storm sewer separation project was completed, and on the North side there have been some sewer projects but large portions of the City's sewer lines have not been touched; Lulfs stated that approximately 2/3 of the City's sewer taps are concrete and have not been replaced.

Lankenau stated if the Committee is to consider this, then a five or ten year average of costs is needed. DeWit asked if it is feasible to install the trenchless technology on the sewers that are not busted; Lulfs stated that some of the trenchless technology cannot be used after the sewer fails.

McColley noted this issue is 100% desocialized whereas the other sewer issue was 100% socialized; there should be a median between the issues to create a maximum amount for the homeowner to be responsible for with

the City's assistance after the maximum amount is reached. Lulfs noted that the entire Indiana project, 250 feet of sanitary sewer main and replacing the pavement, was completed for \$38,000. Lulfs stated on new lots that the developer includes the cost of the sewer in the cost of building the home and is done before the lot is dedicated to the City.

Lankenau deferred the issue to the BOPA.

**WSRRL Committee Motion To Have City Take Ownership Of The Sewer Leads That Run Under The Street**

Motion: Ridley                      Second:  
To have the City take ownership of the sewer leads that run under the street

**Yea-**  
**Nay-**

Roll call vote on above motion:  
Yea-  
Nay-

**Motion Dies For Lack Of Second**

Motion dies for lack of second

**Any Other Items To Come Before The Board**

None

**WSRRL Committee Motion To Adjourn**

Motion: McColley                      Second: Lankenau  
To adjourn meeting at 9:21 pm

**Passed**  
**Yea- 3**  
**Nay- 0**

Roll call vote on above motion:  
Yea- Ridley, Lankenau, McColley  
Nay-

**Date**

Jeff Lankenau, Chair



September 5, 2013

City of Napoleon  
Po Box 151  
Napoleon, OH 43545-0151

Site #: 463734

The offer is subject to due diligence and is based on the assumptions listed below:

- Site Owner Water Tank
- Verizon Wireless as tenant
- \$1,380.00 current monthly rent
- \$1,380.00 purchased monthly rent
- 15.0% 5 year term (Verizon Wireless) escalation

Dear Site Owner:

Thank you for your interest in our cell site lease conversion program. After analyzing the information you provided, Unison is prepared to offer you **\$248,400** (\$124,200 to be paid at closing and the remainder to be paid on the twentieth anniversary of closing) if the offer is accepted by October 1, 2013.

Our offer is to purchase a defined easement for the cell site. Easement area will include an additional 375 square feet adjacent to the existing ground space ("Additional Space"). Unison will receive the currently scheduled rent stream (including escalators) for the term of the easement, and agrees that for all rent over and above this amount received from new tenants located within the Additional Space, Site Owner will collect 50% and Unison will collect 50%. The final amount of our offer is subject to due diligence and confirmation of your monthly rent escalators and site tenants.

**The appeal of the Unison deal:**

- **Convert your lease into cash:** Unison Site Management, LLC is rapidly building a nationwide portfolio of cell site leases. Our program allows you to convert your lease into hard cash. The telecom industry is changing rapidly and we encourage you to understand and consider your options now.
- **Secure your asset:** With our lump sum cash offer, the value of your lease asset will no longer be dependent on future rent payments. This payment is yours regardless of what happens to your site in the future—even if you sell the property. You can invest your capital payment in real estate, stocks, bonds, or your own business.

**A reminder why you must act quickly and reduce your risk**

There is language in your lease stating that it can be terminated with as little as one month's notice. Our lump sum in cash will help you secure your asset from the following:

- **Debt:** To provide service in literally hundreds of markets, each wireless service provider has built out a separate network. Today, there are approximately 300,000 cell sites and antennae, but this build up has been costly: providers have borrowed \$100 billion to finance its construction. That is a lot of debt for companies getting 4 cents per minute.
- **Rent reduction and tower decommissioning:** Providers are looking for ways to cut costs and one way to do this is to reduce your rent or decommission your tower. There is a good chance that your current monthly rent income will reduce significantly or disappear altogether, leaving you with a depreciating asset or no asset at all.
- **Consolidation:** A recent and remarkable merger saw AT&T and its 135-year legacy disappear overnight when it merged with SBC. Since February 24<sup>th</sup>, 2004 there have been five major mergers in the telecom industry for a total deal value of over \$125 billion. As a result of this ongoing telecom merger epidemic, a substantial number of sites have already become redundant.
- **Technology gains:** Satellite telephone and DAS (Distributed Antenna System) technology has created provider networks that can reach farther and are more efficient. This increase in coverage will continue to translate to a reduced need for cell towers.

If you have any questions, please contact me directly at (212) 909-2525. Please feel free to also contact Ron-Central Reiss at 586-549-9730. I look forward to discussing our offer with you at your earliest convenience.

Sincerely,

Neil Notkin  
Unison Site Management, LLC



September 5, 2013

## Terms of Agreement

\* Our signatures below acknowledge that these are the business terms upon which this transaction will be completed. However, the terms of this agreement are subject to due diligence and final Underwriting commitment by Unison, and receipt by Unison of all required documentation, including but not limited to the complete Carrier lease(s), proof of scheduled monthly rent(s), escalator(s), and Carrier(s). By signing and dating below, Unison will endeavor to close this transaction within 90 days of the date of your acceptance of these business terms. The terms of this agreement will expire in six (6) months unless extended by mutual consent.

\* When used herein, the terms Unison and Site Owner shall refer to Unison and the Site Owner and their respective successors and/or assigns.

**Site #:** 463734

**Site Address:** 100 Vocke St, Napoleon, OH 43545

**Purchaser:** Unison Site Management ("Unison")

**Seller ("Site Owner"):** City of Napoleon

**Tenant/Carrier(s):** Site Owner Water Tank with Verizon Wireless as tenant

**Current Rent:** \$1,380.00

**Purchased Rent:** \$1,380.00

**Escalator:** 15.0% 5 year term (Verizon Wireless)

**Term of Easement Purchased:** 40 years

**Easement Area:** Specific water tank easement to include existing wireless service provider leases and equipment footprints, and will include access and utility easements.

**Other Transactional Terms:** Easement area will include an additional 375 square feet adjacent to the existing ground space ("Additional Space"). Unison will receive the currently scheduled rent stream (including escalators) for the term of the easement, and agrees that for all rent over and above this amount received from new tenants located within the Additional Space, Site Owner will collect 50% and Unison will collect 50%.

**Purchase Price:** \$248,400 (\$124,200 to be paid at closing and the remainder to be paid on the twentieth anniversary of closing).

*The purchase price shall be the gross purchase price from which will be netted:*

- *Pro-rated rent for the remainder of the month of closing plus the next two months (Site Owner shall be entitled to cash and retain the rent check(s) for the pro-rated periods);*
- *Title company escrow, search and premium fees for the Owner's form policy to be provided to Unison; and*
- *Transfer taxes (if any).*

**Offer Expiration Date:** October 1, 2013

\* Site Owner agrees to provide Unison with all due diligence items listed under the Document Checklist on the following page at the point of execution of this agreement by the Site Owner. Site Owner also agrees to provide comments (if any) to the Easement and Assignment agreement within 14 days of the execution of this agreement. The terms of this offer will expire if such comments are not provided within 14 days of the execution of this agreement by the Site Owner. As noted on page 2 hereto, if there is a mortgage on the property, Site Owner agrees to obtain a Non-Disturbance Agreement ("NDA") from the lender. If the NDA is impossible to obtain, site owner may request a risk assessment to determine whether Unison will close without the NDA. If the NDA requirement is waived, the purchase price will automatically be reduced by at least 10 times the monthly rent at closing.

\_\_\_\_\_  
Ron Reiss  
Vice President of Site Development  
for Unison Site Management

\_\_\_\_\_  
Site Owner  
Date: \_\_\_\_\_





### Document Checklist

1. LANDLORD ENTITY TAX ID # or SSN: \_\_\_\_\_

2. I agree to provide my Unison representative with the following information required for closing:

- Full copy of each Telecommunications Tenant Agreement, including any addenda, amendments, assignments, notice or exercise letter
- Commencement date verification of each Telecommunications Tenant Agreement and copies of at least the last three months' rent checks
- All available correspondence from Telecommunications Tenants
- Proof of Site Owner's existence and authority, as applicable: (Entity Documents – Corporate filing receipt, Certificate of Good Standing, Articles of Incorporation, Articles of Formation, By-laws, Operating Agreement; Partnership Agreement; Trust Agreement; Probate documents, Death Certificate; Divorce Decree; Property Management Agreement)
- Deed
- Survey of property
- If there is a mortgage on the property, Site Owner agrees to obtain a Non-Disturbance Agreement from the lender

3. The following documents will substantially expedite closing:

- Construction Drawings/Site Plans for the Telecommunication Tenants' installations
- Title Report or Title Insurance Policy
- Existing Environmental Reports, if applicable (Phase 1 or 2 or comparable)
- Current Tax Bill for property
- Appraisal or Fair Market Valuation (particularly if Lender may not easily provide Non-Disturbance and Attornment Agreement)
- Site Plan

\_\_\_\_\_  
Site Owner Signature  
Date signed:

**Site Owner** Contact information

Name: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Fax: \_\_\_\_\_  
Email: \_\_\_\_\_

**Attorney** Contact Information

Name: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Fax: \_\_\_\_\_  
Email: \_\_\_\_\_

**Mortgage** (if none, please indicate below)

Lender Name: \_\_\_\_\_  
Phone: \_\_\_\_\_ Mortgage Amount: \_\_\_\_\_  
Fax: \_\_\_\_\_ Lender Contact: \_\_\_\_\_  
Email: \_\_\_\_\_

*Water Usage and Billing*

2012 Water Usage	Units	Units
City Direct Customers	388,032	388,032
Bulk Water	1,061	1,061
Misc. Purposes	958	958
Free Service	24	24
Hydrant Flushing	10,599	10,599
Fire Use	20	20
Village of Malinta	19,773	19,773
<i>Village of McClure (Projected)</i>	0	44,489
H.C.R.W.S.D.	9,654	9,654
Village of Florida	18,942	18,942
Village of Liberty Center	49,174	49,174
	498,237	542,726

CITY OF NAPOLEON PROJECTED REVENUE	
Customer	2012 Actual Billing
City Direct Customers	\$2,216,252
Bulk Water	\$6,157
Misc. Purposes	\$5,550
Village of Malinta	\$83,246
H.C.R.W.S.D. (2012 Actual)	\$39,593
Village of Florida	\$80,264
Village of Liberty Center	\$188,235
<b>TOTAL 2012 REVENUE:</b>	<b>\$2,619,297</b>
<b>Projected Billing for Village of McClure:</b>	<b>\$170,301</b>

# Memorandum

**To:** Municipal Properties, Buildings, Land Use & Economic Development  
Committee, Council, Mayor, City Manager, City Law Director, City Finance  
Director, Department Supervisors

**From:** Gregory J. Heath, Finance Director/Clerk of Council

**Date:** August 5, 2013

**Re:** Municipal Properties, Buildings, Land Use & Economic Development  
Committee Meeting Cancellation

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The Municipal Properties, Buildings, Land Use & Economic Development  
Committee, which is regularly scheduled to meet on Monday, September 9  
at 7:30 PM, has been CANCELED due to lack of agenda items.

# Memorandum

**To:** Board of Zoning Appeals, Council, Mayor, City Manager, City Law  
Director, City Finance Director, Department Supervisors, Media

**From:** Gregory J. Heath, Finance Director/Clerk of Council

**Date:** 9/4/2013

**Re:** Board of Zoning Appeals Meeting Cancellation

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The Board of Zoning Appeals meeting regularly scheduled for Tuesday,  
September 10 at 4:30 PM has been CANCELED due to lack of agenda items.

# Memorandum

**To:** Planning Commission, Council, Mayor, City Manager, City Law Director, City Finance Director, Department Supervisors, Media

**From:** Gregory J. Heath, Finance Director/Clerk of Council

**Date:** 8/28/2013

**Re:** Planning Commission Meeting Cancellation

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The Planning Commission meeting regularly scheduled for Tuesday, September 10 at 5:00 PM has been CANCELED due to lack of agenda items.

**2013 COUNCIL, COMMITTEES, COMMISSIONS & BOARDS**

*Revised 9/4/2013*

When a meeting date falls on a holiday, the meeting will be held the next day.

GROUP NAME	MEMBERS	MEETING DATES	TERM EXPIRATION
<b>CITY COUNCIL</b> 4 year term	John A. Helberg, President Jeffrey R. Lankenau, Pres. Pro-Tem Travis B. Sheaffer Patrick M. McColley Christopher R. Ridley Jason P. Maassel Jon Tassler	1 <sup>st</sup> and 3 <sup>rd</sup> Mondays of each month at 7 PM	1/1/2016 1/1/2014 1/1/2014 1/1/2016 1/1/2016 1/1/2014 1/1/2014
<b>MAYOR</b>	Ronald A. Behm		1/1/2016
<b>TECHNOLOGY &amp; COMMUNICATION COMMITTEE</b>	Jason Maassel - Chair Chris Ridley Jon Tassler	1st Monday @ 8 PM	
<b>ELECTRIC COMMITTEE</b>	Travis Sheaffer - Chair Patrick McColley Jason Maassel	2nd Monday @ 6:30 PM	
<b>WATER, SEWER, REFUSE, RECYCLING &amp; LITTER COMMITTEE</b>	Jeff Lankenau - Chair Patrick McColley Chris Ridley	2nd Monday @ 7 PM	
<b>MUNICIPAL PROPERTIES, BUILDINGS, LAND USE &amp; ECONOMIC DEVELOPMENT COMMITTEE</b>	John Helberg - Chair Jeff Lankenau Jon Tassler Ron Behm, Mayor	2nd Monday @ 7:30 PM	
<b>PARKS &amp; RECREATION. COMMITTEE</b>	Patrick McColley - Chair Jeff Lankenau Travis Sheaffer	3rd Monday @ 8 PM	
<b>FINANCE &amp; BUDGET COMMITTEE</b>	Chris Ridley - Chair John Helberg Jason Maassel Ron Behm, Mayor	4th Monday @ 6:30 PM	
<b>SAFETY &amp; HUMAN RESOURCES COMMITTEE</b>	Jon Tassler - Chair Travis Sheaffer John Helberg	4th Monday @ 7:30 PM	
<b>PERSONNEL COMMITTEE</b>	John Helberg Jeff Lankenau Ron Behm, Mayor	As needed	

<b>BOARD OF PUBLIC AFFAIRS</b> (per Charter 5.04) 3 year term Appointed by Mayor	<b>Keith Engler - Chair</b> <b>Dr. David Cordes</b> <b>Mike DeWit</b>	<b>2nd Monday @ 6:30 PM</b>	<b>1/1/2014</b> <b>1/1/2016</b> <b>1/1/2015</b>
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<b>BOARD OF ZONING APPEALS</b> (per Charter 5.03) 5 year term Appointed by Mayor At least one shall be a member of the Planning Commission	<b>Bob McLimans - Chair</b> <b>David Dill</b> <b>Laurie Sans</b> <b>Tom Mack</b> <b>Steve Small</b>	<b>2nd Tuesday @ 4:30</b>	<b>1/1/2014</b> <b>1/1/2016</b> <b>1/1/2017</b> <b>1/1/2018</b> <b>1/1/2015</b>
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<b>PLANNING COMMISSION</b> (per Charter 5.02) 6 year term Mayor and four citizens Appointed by Mayor	<b>Bob McLimans - Chair</b> <b>Kevin Yarnell</b> <b>Fredric Furney</b> <b>Tim Barry</b> <b>Ron Behm, Mayor</b>	<b>2nd Tuesday @ 5 PM</b>	<b>1/1/2018</b> <b>1/1/2014</b> <b>1/1/2015</b> <b>1/1/2017</b> <b>Term of Office</b>
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<b>TREE COMMISSION</b> (per 169.02) 4 year term 5 members appointed by Mayor 1 Council member appointed by Pres. of Council (ex-officio voting member)	<b>David Volkman - Chair</b> <b>Anella Huff</b> <b>Bill Rohrs</b> <b>Ron Bahler</b> <b>Kirk Etzler</b> <b>Jason Maassel, Council Representative</b>	<b>3<sup>rd</sup> Monday @ 6:00 PM</b>	<b>1/1/2017</b> <b>1/1/2017</b> <b>1/1/2017</b> <b>1/1/2014</b> <b>1/1/2016</b> <b>Term of Office</b>
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<b>CIVIL SERVICE COMMISSION</b> (per Charter 5.01) 6 year term Appointed by Mayor, Not more than two of one party	<b>David F. Meekison (D) - Chair</b> <b>Mike Flory (I)</b> <b>Ellsworth Mitchell (R)</b>	<b>4th Tuesday@4:30 PM</b>	<b>1/1/2016</b> <b>1/1/2019</b> <b>1/1/2014</b>
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<b>PARKS &amp; RECREATION BOARD</b> (per Charter 5.06) 3 year term Appointed by the Mayor	<b>Matt Hardy - Chair</b> <b>Mike Saneholtz</b> <b>David Prigge</b> <b>Peg Funchion</b> <b>Chad Richardson</b> <b>Jon Tassler</b> <b>Aaron Schmitkey</b>	<b>Last Wednesday of each month @ 6:30PM</b>	<b>1/1/2015</b> <b>1/1/2016</b> <b>1/1/2014</b> <b>1/1/2015</b> <b>1/1/2015</b> <b>1/1/2015</b> <b>1/1/2014</b>
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<b>HOUSING COUNCIL</b> (per Ord. 120-00) 3 year term Two appointed by Mayor Two appointed by Council One appointed by Planning Commission Two appointed by Housing Council	<b>Patrick McColley - Chair</b> <b>Christopher Ridley</b> <b>John Helberg</b> <b>Travis Sheaffer</b> <b>Kevin Yarnell</b> <b>Cheryl Hershberger</b> <b>Joel Miller</b>	<b>1<sup>st</sup> Council meeting day following the annual CIC Board meeting at 6:30 PM</b>	<b>8/1/2014</b> <b>8/1/2014</b> <b>8/1/2014</b> <b>8/1/2014</b> <b>9/13/2014</b> <b>10/17/2014</b> <b>10/17/2014</b>
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<b>PRIVACY COMMITTEE</b> (Per Ord. 083-08) 6 year term Experience in Customer Service, Accounting, Information Systems/Technology, Human Resources, Senior Management, or Law Enforcement	<b>Christine Peddicord - Chair</b> <b>Trevor Hayberger</b> <b>Robert Weitzel</b>	<b>2<sup>nd</sup> Tuesday of May &amp; October @ 10:30 AM</b>	<b>1/1/2016</b> <b>1/1/2014</b> <b>1/1/2018</b>
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<b>RECORDS COMMISSION</b> (per 173.01) AKA Records Retention Committee Mayor - Chair Finance Director, City Manager, Law Director & 1 Citizen	<b>Ron Behm, Mayor - Chair</b> <b>Jon Bisher, City Manager</b> <b>Trevor Hayberger, Law Director</b> <b>Greg Heath, Finance Director</b> <b>George Schmidt, Citizen</b>	<b>2nd Tuesday of June &amp; December @ 4 PM</b>  5 year term
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<b>HEALTH CARE COST COMMITTEE</b> (per Ordinance No. 063-05)	<b>Mike Foreman, Police - Chair</b> <b>Jamie Mendez, Police</b> <b>Chad Lulfs, Non-Bargaining</b> <b>Mary Thomas, Non-Bargaining</b> <b>Eric Rohrs, Fire</b> <b>Joel Frey, Fire</b> <b>Leonard Durham, AFSCME</b> <b>Roger Eis, AFSCME</b> <b>Greg Heath, Administration</b> <b>Jon Bisher, Administration</b>	<b>As needed</b>
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<b>VOLUNTEER FIREFIGHTERS' DEPENDENTS FUND BOARD</b> (Per ORC 146.03) 1 year term Two appointed by Council, One by the Fire Dept., One by the Board itself	<b>Travis Sheaffer - Chair</b> <b>Jon Tassler</b> <b>Scott Palmer</b> <b>Tonya Walker</b> <b>Ellsworth Mitchell</b>	<b>As needed</b>	<b>1/1/2014</b> <b>1/1/2014</b> <b>1/1/2014</b> <b>1/1/2014</b> <b>1/1/2014</b>
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<b>PRESERVATION COMMISSION</b> (per 181.01) 5 year term - Appointed by Council Recommended by the Privacy Official Priority given to persons who reside or own Businesses in the Preservation District Goals: 1 business owner in Pres District, 1 historian, 1 realtor, 1 certified engineer, architect or landscape architect, 1 financial/broker	<b>Ed Peper</b> <b>Marv Barlow</b> <b>Glenn Miller</b> <b>Joel Miller</b> <b>Mary Wesche</b>	<b>As needed</b>
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<b>NAPOLEON INFRA-STRUCTURE/ECONOMIC DEVELOPMENT FUND REVIEW COMMITTEE</b> (per Resolution No. 030-11, included in contractual agreement)	<b>Jon Bisher, City Manager</b> <b>Greg Heath, Finance Director</b> <b>Robert McColley, CIC Director</b>	<b>As needed</b>
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<b>TAX INCENTIVE REVIEW COUNCIL</b> (per ORC 5709.85) Appointed by President of Council	<b>John Helberg</b> <b>Travis Sheaffer</b>	<b>As needed</b>
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<b>CIC BOARD (City appointments)</b> (per Ord. No. 017-11) 3 year terms for citizens 1 year term for elected officials Appointed by the Mayor	<b>Ron Behm, Elected Official</b> <b>John Helberg, Elected Official</b> <b>Greg Beck, Citizen</b> <b>Kevin Yarnell, Citizen</b> <b>Chris Peper, Citizen</b> <b>Kelli Burkhardt, Citizen</b>	<b>3<sup>rd</sup> Tuesday at 4:30</b>	<b>1/1/2014</b> <b>1/1/2014</b> <b>1/1/2014</b> <b>1/1/2014</b> <b>1/1/2015</b> <b>1/1/2016</b>
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<b>AUDIT COMMITTEE</b> (per Ord. No. 028-09) Members of the Finance & Budget Committee of Council	<b>Chris Ridley - Chair</b> <b>John Helberg</b> <b>Jason Maassel</b> <b>Ron Behm, Mayor</b>	<b>As needed</b>
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<b>BOARD OF REVIEW</b> (per 193.12) (Income Tax Appeals) The 3 Members of the Finance & Budget Committee of Council	<b>Chris Ridley</b> <b>John Helberg</b> <b>Jason Maassel</b>	<b>As needed</b>
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<b>LODGE TAX ADVISORY &amp; CONTROL BOARD</b> (per 191.21)  No term for Council & Mayor 2 year term for others Appointed by the Mayor Members: Mayor (optional), 2 Council Members, 1 from Chamber of Commerce, 1 from Parks & Recreation, 1 from Lodging Business	<b>Travis Sheaffer, Council</b> <b>Patrick McColley, Council</b> <b>Joel Miller, Chamber of Commerce</b> <b>Ron Behm, Mayor</b> <b>Vacancy (Parks &amp; Recreation)</b> <b>Vacancy (Lodging Business)</b>	<b>As needed</b>
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<b>AMERICANS WITH DISABILITIES ACT (ADA) COMPLIANCE BOARD</b> (per 171.03) 3 year term 5 members appointed by Mayor	<b>Richard Luzny</b> <b>Mike Shumaker</b> <b>Art Germann</b> <b>Kevin Yarnell</b> <b>Wayne Barber</b>	<b>As needed</b>	<b>1/1/2014</b> <b>1/1/2014</b> <b>1/1/2015</b> <b>1/1/2016</b> <b>1/1/2015</b>
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<b>BOARD OF BUILDING APPEALS</b> (per Charter 5.05) 3 year term Appointed by Mayor	<b>Jeff Lankenau</b> <b>Randy Germann</b> <b>Greg Beck</b> <b>Alex Stites</b> <b>Philip Rausch</b>	<b>As needed</b>	<b>2/20/2015</b> <b>2/20/2015</b> <b>2/20/2015</b>
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<b>NCTV ADVISORY BOARD</b> (per City Contract No. 2009-20)	<b>Michelle Hall</b> <b>John Stovcsik</b> <b>Travis Sheaffer</b> <b>Jamie Bostelman</b>	<b>As needed</b>
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<b>HOUSING ADVISORY COMMITTEE</b> (per Ordinance No. 063-05) 5 members - 4 year term Appointed by Mayor Representing area agencies, organizations & businesses	<b>Mary Jo Sands</b> <b>Trudy Wachtman</b>	<b>As needed</b>
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<b>FAIR HOUSING BOARD</b> (per 515.04) 3 members - 3 year term Appointed by Mayor Shall <u>not</u> be employed by the City, shall <u>not</u> hold any elected public office, and shall <u>not</u> be a candidate for public office	<b>Mary Jo Sands</b> <b>Donna Fowler</b> <b>Trudy Wachtman</b>	<b>As needed</b>
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<b>SAFETY COMMITTEE</b> (per 197.11)	Appointed by City Manager	<b>As needed</b>
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<b>CHARTER REVIEW COMMISSION</b> (per Charter Sect. 5.07) Five appointed by Council Two appointed by the Mayor Not more than two may be Council members	<b>7 members to be appointed in 2016</b>
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<b>COUNTY/CITY GENERAL HEALTH DISTRICT</b> Appointed by City Mgr	<b>Dr. Doug Lindsay</b> <b>Joel Miller</b>	<b>Appointment only</b>
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<b>MAUMEE VALLEY PLANNING ORGANIZATION BOARD</b>	<b>Ron Behm, Mayor</b> 1 Member from the City of Napoleon	<b>Meets quarterly</b> Appointed by the Mayor
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# Update

A weekly newsletter presented by AMP President/CEO Marc Gerken

September 6, 2013

## Moody's Investors Service affirms 'A3' rating for Meldahl revenue bonds

By Bob Trippe – senior vice president of finance/CFO

Moody's Investors Service (Moody's) has affirmed the 'A3' rating on the American Municipal Power, Inc. Meldahl Hydroelectric Project revenue bonds.

Moody's says the rating outlook is stable, and stated in addition to the unconditional take-or-pay contract obligations of the 48 participants that one of the other factors which bears significant weight in the rating is the "51% obligation share of Hamilton," which is the largest participant. Moody's rating also considers the long-term value and economics of the "non-carbon hydroelectric project, as well as the A1 issuer rating assigned to AMP, Inc. who has been an effective power supply agency to its members."

Moody's also went on to note that the "... Meldahl project has the highest rated capacity factor of any of the new hydroelectric projects AMP is undertaking."

In addition to the take-or-pay contracts and highest expected capacity factor as mentioned above, Moody's also went on to point out several strengths of the project:

- FERC license 50 year, renewable and non-carbon based
- Power supply contract extensions by its members are a strong indication supporting AMP's role as a regional power supplier
- Favorable long-term cost projections
- Competitive member retail rates, Hamilton being 30 percent below the neighboring IOU
- AMP's "...well regarded fiscal monitoring system including use of financial metrics to provide ongoing assessment of members' credit profiles."

If you would like a copy of the report, it has been posted electronically to [AMP's website](#). For more information, please contact me at 614.540.1111 or [btrippe@amppartners.org](mailto:btrippe@amppartners.org).

## Congressman Massie tours Meldahl site

By Jolene Thompson – senior vice president member services & external affairs/OMEA executive director

The U.S. Army Corps of Engineers hosted a visit to the Captain Anthony Meldahl Locks and Dam on Sept. 4 for Congressman Thomas Massie (R-Kentucky). Following a Corps-conducted tour of the locks and dam, Congressman Massie toured the Meldahl hydro construction site and learned about the project and its benefits to participating AMP members and to the region.

Massie holds engineering degrees from MIT and 26 patents, and he expressed his interest and appreciation for the engineering work being done at the Meldahl site.

see MELDAHL Page 2

## 'Business First' recognizes Trippe in 'CFO of the Year'

By Marc Gerken – president/CEO

I'm pleased to congratulate AMP's Senior Vice President of Finance and CFO Bob Trippe for receiving an honorable mention in the nonprofit category of the *Business First* "CFO of the Year" awards program.

"It was an honor to be nominated," Trippe said. "Supporting our members and encouraging their creditworthiness and financial health has been, and always will be, my top priority."

Trippe was praised by *Business First* for his agility in handling financial matters, and his role in creating a credit-scoring and member-monitoring program.

Trippe has overseen and arranged for more than \$5 billion in financing for AMP since 2008. He organized a group of 10 large national banks and structured a line of credit that began at \$10 million in 2000, and has since grown to \$750 million – with the ability to increase to \$1 billion if needed.

Financial strength is paramount in this economic downturn, and the financial strategies that we have put in place have allowed AMP to assist our municipal electric members to maintain solid electric utility fund balances. Since 2000, AMP membership has grown 57 percent, with the electric load increasing 59 percent. Revenue has also increased, from \$222 million in 2002 to an expected \$1 billion in the next couple of years.

Trippe, who has been with AMP since 1991, was named senior vice president of finance in 2008. He is also active on the national scale, having formerly served as chairman of the American Public Power Association's business and financial group.

Please join me in applauding Bob on this great honor.



Bob Trippe

MELDAHL continued from Page 1

During the tour, we were also able to discuss key legislative issues that impact public power and project development efforts with the congressman and his staff.

I would like to give special thanks to the U.S. Army Corps of Engineers, particularly Acting Commander Lt. Col. Bill Reding, AMP's Meldahl Site Manager Bishop Carter, AMP's Vice President of Hydroelectric Construction Pete Crusse, the city of Hamilton, and all hydro project and site staff.



Bishop Carter (right), AMP's Meldahl site manager, discusses construction of the Meldahl hydroelectric facility with Congressman Thomas Massie (R-Kentucky) during a tour on Sept. 4.

## Electric vehicle survey results

By Julia Blankenship – director of energy policy & sustainability

AMP's recent member community survey of plug-in electric vehicle perceptions and market penetration yielded some expected yet interesting results. Most respondents indicated an interest in learning more about this growing vehicle class, yet expressed opinions that these are "niche" vehicles that are not suitable for most people. Half of all respondents noted zero plug-in electric vehicles in private ownership in their communities.

While many respondents noted that charging infrastructure was generally unavailable in their areas, a number of AMP members or their commercial customers have installed or will be adding charging stations in their communities. Just over 50 percent of respondents indicated that they would consider adding a publicly accessible charging station if their costs could be recovered within three to five years.

When asked how AMP might best be able to provide assistance to member communities regarding plug-in electric vehicles, most indicated a preference for AMP to have an available charging station at the Columbus headquarters building for member use.

AMP staff will continue to track and report on other developments relating to plug-in electric vehicles and options for members. If you have any questions about these results or would like additional information, please contact me at [jblankenship@amppartners.org](mailto:jblankenship@amppartners.org) or 614.540.0840.

## On Peak (16 hour) prices into AEP/Dayton Hub

### Week ending Sept. 6

MON	TUE	WED	THU	FRI
\$29.47	\$32.02	\$32.71	\$31.65	\$32.75

### Week ending Aug. 30

MON	TUE	WED	THU	FRI
\$41.87	\$45.82	\$43.31	\$41.15	\$42.50

AEP/Dayton 2014 5x16 price as of Sept. 6 — \$40.32

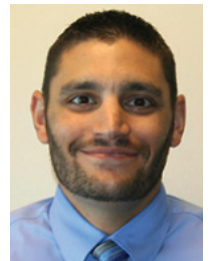
AEP/Dayton 2014 5x16 price as of Aug. 30 — \$40.02

## Poddany joins AMP staff in power supply planning

By Craig Kleinhenz – manager of power supply planning

Brandon Poddany is the newest member of the AMP staff, starting Sept. 3 as power supply planning engineer. Brandon will be involved in power planning and development for AMP's members.

Prior to AMP, Brandon worked in store management with the Kroger Co. for more than 12 years.



Brandon Poddany

He holds a bachelor's degree in biology from the University of Toledo and a master's degree in business administration from Capital University.

Please join me in welcoming Brandon.

## 'At a Glance' report tracks AMP's sustainability

By Julia Blankenship

AMP has just released its second Sustainability Performance "At a Glance" report. The report, which covers the first six months of 2013, summarizes AMP's performance in sustainability and highlights key developments and activities.

The scope of reporting is consistent with AMP's sustainability corporate vision and principles. It primarily focuses on generation and emissions, but also covers aspects of environmental, economic and social sustainability.

"At a Glance" will move to quarterly reporting starting this third quarter. The goal of the report is to measure and compare AMP's progress and performance over time.

The report has been sent to AMP principal contacts and is also available on the Conservation and Sustainability page under the "For Consumers" tab of [AMP's website](http://AMP's website).

Please contact me with questions or for more information at [jblankenship@amppartners.org](mailto:jblankenship@amppartners.org) or 614.540.0840.





## Another round of reconsideration set for EPA's RICE NESHAP rule

By Julia Blankenship

The U.S. Environmental Protection Agency (EPA) is again reopening certain specific sections of its January 2013 final rule establishing National Emission Standards for Hazardous Air Pollutants (NESHAP) for Reciprocating Internal Combustion Engines (RICE), the agency announced in a *Federal Register* notice published on Sept. 5. Entities will have 60 days to provide comments to EPA, which will be due in early November.

Last spring, EPA received petitions for reconsideration of three specific sections of the final RICE NESHAP rule from the following entities: 1) Calpine/PSEG Power; 2) Delaware Department of Natural Resources and Environmental Control; and 3) Clean Air Council, Penn Future, Conservation Law Foundation, EDF, NRDC, Pace Energy and Climate Center, Sierra Club, and West Harlem Environmental Action. All have joined in a rare but unified front against EPA on three topics, which they argue were not provided an opportunity for public comment in earlier rounds.

EPA is seeking public comment on 1) the timing for compliance with the ultra-low sulfur diesel fuel requirements; 2) the timing and information required in annual reports for units that operate over 15 hours per year; and 3) conditions for operating up to 50 hours per year in non-emergency situations as part of a financial arrangement with another entity. The agency will not take comments on any other sections of the final RICE NESHAP rule.

AMP will be filing comments again in this case in order to defend against the operational limitations that the petitioners want to impose. We will continue to monitor the issue and provide updates when applicable.

Please feel free to contact me with questions information at [jblankenship@amppartners.org](mailto:jblankenship@amppartners.org) or 614.540.0840.

## AFEC weekly update

By Craig Kleinhenz

The week started out with warmer temperatures last Friday, Aug. 30, which caused the plant to run at base min during the overnight hours and base max during the day hours (including 10 hours when the duct burners were used).

Warmer weather continued through the weekend, causing the plant to operate at base max during the day and base min during the overnight hours. By Wednesday, Sept. 4, temperatures started to really cool off, lowering loads and prices. This caused AFEC to be dispatched offline for Sept. 4 and 5.

For the week, AFEC averaged a 48 percent capacity factor (based on 675 MW). AFEC was approximately \$4.98/MWh cheaper than on-peak market prices for base generation.



### News or Ads?

Call Krista Selvage at 614.540.6407 or email to [kbselvage@amppartners.org](mailto:kbselvage@amppartners.org) if you would like to pass along news or ads.

## Deadlines approach to register for new AMP course offerings

By Jennifer Flockerzie – technical services program coordinator

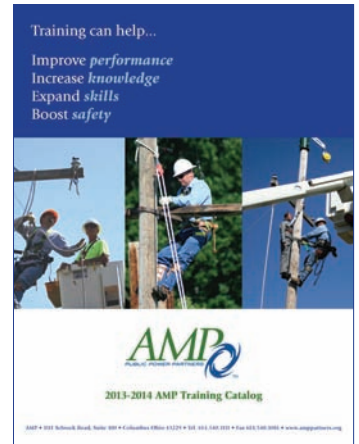
As a reminder, the deadline for the upcoming Regulator, Recloser, Capacitor Safety course is Sept. 12. The class will be held Sept. 19 at AMP headquarters.

This one-day class is designed to help lineworkers raise their level of safety as they learn the proper operation of regulators, reclosers and capacitors. Geared to apprentice or journeymen, the program will also cover the various types of equipment available and equipment sizing.

AMP will also offer APPA Advanced Topics in Underground Distribution on Oct. 17 at AMP Headquarters. Underground distribution continues to be the installation method of choice in many applications on public power systems. This one-day course focuses on topics of current and emerging interest in underground distribution. Participants will cover the advantages of underground distribution, including greater operating reliability, lower operating and maintenance costs, better public safety, and reduced visibility and greater public acceptance. The deadline to register is Oct. 10. A minimum attendance of 20 is required to hold the class.

Both the Regulator, Recloser, Capacitor Safety class and the APPA Advanced Topics in Underground Distribution are part of AMP's recent expansion of training offerings. A complete listing of AMP's courses is available in the 2013-2014 Training Catalog, located on the Member Extranet section of [AMP's website](http://AMP's website).

For more information or to register for the class, please contact me at [jflockerzie@amppartners.org](mailto:jflockerzie@amppartners.org) or 614.540.0853.



## Calendar

**Sept. 12—AMP finance & accounting subcommittee meeting**  
Piqua Power System, 201 Hemm Ave.

**Oct. 6-12—Public Power Week activities in member communities**

**Oct. 7-11—AMP Advanced Lineworker training**  
AMP Headquarters, Columbus

**Oct. 28-31—AMP/OMEA Conference**  
Hilton Columbus at Easton, Columbus

**Dec. 5—AMP finance & accounting subcommittee meeting**  
AMP Headquarters, Columbus

## Don't forget to register for the 2013 AMP/OMEA Conference

By Karen Ritchey – manager of communication programs

As a reminder, registration information for the 2013 AMP/OMEA Conference is available on the home page of the [AMP website](#). Conference attendees are strongly encouraged to register online.

This year's event will be held Oct. 28-31 at the Hilton Columbus at Easton, 3900 Chagrin Dr., Columbus, OH. Hotel reservations can also be made online at the AMP website via the ["Hotel Reservations" link](#), or by calling the Hilton at 614.414.5000 and using the group code "AMP." Please make reservations early as rooms in this block are limited and are only being held until Oct. 6.

Printed copies of the registration brochure were mailed last month. Please contact me with questions or if you did not receive a registration brochure at [kritchey@amppartners.org](mailto:kritchey@amppartners.org) or 614.540.0933.



## Cybersecurity Awareness Training geared to all utility personnel

Hometown Connections and APPA Academy are presenting a Cybersecurity Awareness Training series for utility personnel. The four-part webinar series begins Sept. 16.

Topics of the first webinar, held from 2 to 3:30 p.m. Sept. 16, include passwords, phishing, external media and physical security of computing devices. The instructor is Chan Park, senior solutions specialist with N-Dimension Solutions.

For more information or to register, please visit <https://publicpower.org/Events/webinar.cfm?ItemNumber=38890>.

Learn more about Hometown Connections at <http://www.hometownconnections.com/>.

## Markets have mixed week

By Craig Kleinhenz

Natural gas prices closed the week slightly lower due to news that the amount of natural gas in storage was a little higher than expected. As summer has started to come to a close, focus is shifting to the Atlantic hurricane season and the upcoming winter months.

October natural gas prices closed down \$0.04/MMBtu this week to end the month at \$3.57/MMBtu. Next year electric prices continued last week's upward trend this week. 2014 on-peak electric prices at AD Hub finished up \$0.30/MWh from last week, closing at \$40.32/MWh.

## OMEA Board of Directors nominations due Sept. 9

By Orrville Mayor Dave Handwerk – chair, OMEA nominating committee

The nominations deadline for the Ohio Municipal Electric Association (OMEA) Board of



Directors is Sept. 9. There are four expiring seats on the OMEA Board. Three of the four seats must be filled by an elected official and one can be filled by an elected or non-elected official.

Nominations can be directed to any member of the OMEA nominating committee: Montpelier Mayor Steve Yagelski (419.485.5543 or [steve.yagelski@cktech.biz](mailto:steve.yagelski@cktech.biz)), Wadsworth Mayor Robin Laubaugh, (330.335.2706 or [rlaubaugh@wadsworthcity.org](mailto:rlaubaugh@wadsworthcity.org)), and me (330.684.5001 or [dhandwerk@orville.com](mailto:dhandwerk@orville.com)), or to Jolene Thompson, OMEA executive director (614.540.1111 or [jthompson@amppartners.org](mailto:jthompson@amppartners.org)).

The OMEA Board is also seeking nominations for honorary memberships, which are awarded to individuals who have a distinguished public power career with significant accomplishments – with special consideration given to individuals who have retired from service or who have announced they will be retiring in the near future. Honorary Members are encouraged to attend meetings, but can't vote or hold office in the organization. Elections for the board and honorary memberships will take place during the OMEA general membership meeting on Oct. 30 in conjunction with the AMP/OMEA annual conference in Columbus.

If you would like more information or have questions, please contact Jolene Thompson at either [jthompson@amppartners.org](mailto:jthompson@amppartners.org) or 614.540.1111.





## Ellwood City seeks lineman

The Borough of Ellwood City, PA is accepting applications for a fulltime, Third Class Lineman. Applicants should have experience in both overhead and underground electric utility systems.

A job description may be obtained at the Borough Manager's office. Resumes accepted at Borough of Ellwood City, 525 Lawrence Ave., Ellwood City, PA 16117 until Sept. 13, 2013. EOE.

## Schuylkill Haven in need of journeyman electric lineman

The Borough of Schuylkill Haven is accepting applications for a journeyman electric lineman position.

Minimum qualifications include: graduation from the standard four-year high school, successful completion of an approved apprenticeship program of at least four years in duration and Pennsylvania CDL license.

Schuylkill Haven Borough owns and operates its own electric system. The electric system includes: substation, poles, transmission lines, transformers and secondary services. The successful application should have knowledge/background including all of these appurtenances. This is a full time position.

Schuylkill Haven is located In Schuylkill County, PA and has a population of 5,500. Schuylkill Haven borough has an excellent compensation/benefit package and is an Equal Opportunity Employer. A complete job description and job application can be obtained by contacting the borough office at 570. 385.2841 or by logging on to the Borough's website [www.schuylkillhaven.org](http://www.schuylkillhaven.org).

Please submit a completed job application, resume, certifications and three references to: Scott J. Graver, Borough Administrator, Schuylkill Haven Borough Office, 12 W. Main St., Schuylkill Haven, and PA 17972.

## Hamilton issues call for assistant director, plant supervisor

The City of Hamilton, Ohio, is seeking an Assistant Director of Electric and Plant Supervisor.

**Assistant Director of Electric** – The City of Hamilton, Ohio (pop. 63,000), a growing community in the Cincinnati-Dayton metroplex seeks an Assistant Director of Electric. Salary range: \$85,946 to \$110,136/year, plus benefits. Hamilton is a full-service community which operates its own electric, gas, water and wastewater utilities.

This is responsible professional and administrative work involving the planning, organization, direction and supervision and coordination of the operations and activities of the City's Electric Department. Duties of this class include, but are not limited to, the following: acts in the place of the Director of Electric when so requested and authorized; assists with the development of departmental long-range plans; oversees the availability and reliability of electric service for City electric customers; analyzes Electric System design and operation, and determines necessary capital and operational improvements to maximize efficiency and reliability; performs related work as required.

Prefer college graduate with Bachelor's Degree in Business Administration, Engineering or Applied Science, preferably supplemented by a Master's Degree and extensive profes-

sional experience in public electric utility management, including supervisory experience. Valid Ohio Prof. Eng. (PE) registration or other equivalent certification from another state is desired. A background/credit check, drug screen and medical examination will be administered.

Submit detailed resume and proof of PE, if applicable, by 5 p.m. on Sept. 24, 2013 to: Civil Service Dept., Hamilton Municipal Bldg., 345 High St.-1st Fl., Hamilton, OH 45011 in person or by fax: (513. 785.7037) or email: [cspersonnel@ci.hamilton.oh.us](mailto:cspersonnel@ci.hamilton.oh.us). Use Word or PDF only. Specify interest in "Assistant Director of Electric."

The City of Hamilton is an EEO & AAE. Minorities and women are encouraged to apply.

**Plant Supervisor** – Comprehensive benefit package. \$55,141-\$70,658 starting salary D.O.Q. Manages assigned rotating shift operation in a fossil-fueled 117 Megawatt capacity generation plant. Requires appropriate supervisory or managerial, as well as operations/maintenance power plant experience. Must possess Ohio Third Class Stationary Engineer License prior to conclusion of probationary period.

Submit detailed resume (including proof of license if applicable) in Word or PDF by 5 p.m. Sept. 10, 2013 in person, by fax (513.785.7037), or email ([cspersonnel@ci.hamilton.oh.us](mailto:cspersonnel@ci.hamilton.oh.us)) to: Civil Service Dept., Hamilton Municipal Building., 345 High St., Hamilton, OH 45011. Specify interest in "Plant Supervisor."

For more details, visit the employment quick link on the website [www.hamilton-city.org](http://www.hamilton-city.org).

The City of Hamilton is an EEO & AAE. Minorities and women are encouraged to apply.

## City of Danville seeks electric compliance coordinator

City of Danville Utilities – Power & Light Electric Compliance Coordinator. Duties include:

- Performs difficult technical work in the accumulation, manipulation and analysis of electrical system data;
- Assurance of PCB and Federal Energy Regulatory (FERC) compliance Commission;
- Serves as FERC Reliability Coordinator; Prepares and maintains FERC compliance records and reports;
- Coordinates and assists in the acquisition of electric system data;
- Designs and estimates major projects;
- Prepares engineering drawings;
- Performs analysis of system load, voltage & protection;
- Thorough knowledge of principles of electrical engineering, construction, maintenance and operation of electric systems;
- Thorough knowledge of federal reliability standards, regulations and compliance requirements;
- Ability to gather and manipulate data;
- Ability to effectively communicate in both speaking and writing.

Education and experience equivalent to an associate's degree in electrical technology or engineering and considerable experience with an electrical utility. Possession of valid driver's license and ability to obtain Notary Public certification required. Starting salary range: \$39,333-\$47,199/ DOQ. Open until filled.

Apply online at [www.danville-va.gov](http://www.danville-va.gov) Equal Opportunity Employer.