
Memorandum

To: Mayor & Members of Council
From: Jon Bisher/*rd*
Subject: General Information
Date: July 5, 2013

CALENDAR

AGENDA – Electric Committee

Monday, July 8th @ 6:30 pm / *with* BOPA

1. *Approval of Minutes*
 - a. the June 10, 2013 meeting minutes are attached
 2. *Review/Approval of the Electric Billing Determinants for July, 2013*
 - a. Enclosed are the “Billing Determinants for Billing Cycle – July 2013”
 3. *Electric Department Report*
 - a. Dennie will pass his report out Monday night.
 4. *Solar Acquisition of Additional Solar Power*
 5. *Review of Electric Rate Stabilization Program*
 - a. Pam Sullivan from AMP will be at Monday’s meeting to discuss this program.
- ➔ **ECOSMART PROGRAM**
Greg has enclosed information showing customers who are signed up for this program.

AGENDA – Water, Sewer, Refuse, Recycling & Litter Committee

Monday, July 8th @ 7:00 pm / *with* BOPA

1. *Approval of Minutes*
 - a. Enclosed are the June 10, 2013 meeting minutes.
2. *Sewer Insurance*
3. *Sewer Assessment*
4. *Sewer Ownership*

AGENDA – Health Care Cost Committee

Monday, July 8th at 8:30 AM

MEETINGS CANCELLED

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

INFORMATIONAL ITEMS

1. AMP Update/July 5, 2013
2. *Thank-You* from WNDH Kidz Fest (John Schuette @ ClearChannel)
3. Article from Greg Heath – “Consequences of State Funding Cuts to Local Governments: Layoffs and Cutbacks”

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Records Retention CM-11 - 2 Years

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

 Calendar

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
30 BISHER - Vacation	1 6:55 PM 2014 Tax Budget Public Hearing 7:00 PM City COUNCIL Meeting AV BISHER - Vacation	2 BISHER - Vacation	3 6:00 PM - 8:00 pm River City Rodders Cruise-In BISHER - Vacation	4 HOLIDAY - 4th of July - City C BISHER - Vacation	5 Greg Heath - Off BISHER - Vacation	6 8:00 AM Napoleon Triathlon BISHER - Vacation
7 BISHER - Vacation	8 8:30 AM Health Care Cost Committee Meeting 6:30 PM Electric Committee Board of Public Affairs (BOPA) 7:00 PM Water/Sewer Committee AV - Rox	9	10 AMP - Bisher/Afternoon	11	12 7:00 PM Rally in the Alley	13
14	15 7:00 PM City COUNCIL Meeting AV	16	17 AMP - Bisher	18 AMP - Bisher	19	20
21	22 6:30 PM Finance & Budget Committee Mtg. 7:30 PM Safety & Human Resources Committee Mtg. AV - Rox	23	24	25	26	27
28	29 5th Monday-No Scheduled Meet	30	31	1	2 7:00 PM Rally in the Alley	3

City of Napoleon, Ohio

ELECTRIC COMMITTEE

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

Meeting Agenda

Monday, July 8, 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 July:
Generation Charge: Residential @ \$.08182; Commercial @ \$.10251;
Large Power @ \$.05150; Industrial @ \$.05150; Demand Charge Large
Power @ \$13.33; Industrial @ \$14.08; JV Purchased Cost: JV2 @
\$.02895; JV5 @ \$.02895
- III. Electric Department Report
- IV. Solar Acquisition of Additional Solar Power
- V. Electric Rate Stabilization from AMP
- VI. Any Other Items Currently Assigned to Committee

Gregory J. Heath, Finance Director/Clerk of Council

City of Napoleon, Ohio
ELECTRIC COMMITTEE

Meeting Minutes

Monday, June 10, 2013 at 6:30 PM

PRESENT	
Electric Committee	Travis Sheaffer – Chair (arrived at 6:32), Patrick McColley, Jason Maassel
BOPA	Keith Engler – Chair, Mike DeWit, Dr. David Cordes
Water, Sewer Committee	Jeffrey Lankenau - Chair, Patrick McColley, Chris Ridley
City Staff	Ronald A. Behm, Mayor Dr. Jon A. Bisher, City Manager Dennis Clapp, Electric Superintendent Roxanne Dietrich, Executive Assistant Trevor Hayberger, Law Director Gregory J. Heath, Finance Director/Clerk of Council Scott Hoover, Water Plant Superintendent Chad Lulfs, City Engineer Jeff Rathge, Operations Superintendent Barbara Nelson
Recorder	News Media, Jim Hershberger, John Helberg, Jeff Marihugh
Others	
ABSENT	None
Call To Order	Acting Chair McColley called the meeting to order at 6:30 PM.
Approval Of Minutes	The May 20 meeting minutes stand approved as presented with no objections.
Billing Determinants	The electric billing determinants for June were presented for review.
Motion To Accept BOPA Recommendation For Approval Of Electric Billing Determinants	Motion: Maassel Second: McColley To accept the BOPA recommendation to approve electric billing determinants for June 2013 as follows: Generation Charge: Residential @ \$.07479; Commercial @ \$.08884; Large Power @ \$.04663; Industrial @ \$.04663; Demand Charge Large Power @ \$13.17; Industrial @ \$15.11; JV Purchased Cost: JV2 @ \$.03743; JV5 @ \$.03743
Passed	Roll call vote on above motion:
Yea-2	Yea- McColley, Maassel
Nay-0	Nay-
Electric Department Report	(Sheaffer arrived.) Clapp gave the Electric Department Report (attached). He noted that the Solar Electric Power Association recognized Napoleon as 9 th in the nation with 180.1 solar watts per customer. St. Marys was #1. They didn't have any solar, but bought 2 megs from us.
Utility Bill Assistance	Heath said some AMP member cities do programs where they set aside money or identify sources of funding to assist economically distressed individuals in paying their utility bills. Oberlin's care program summary was included in the packet. Requests for assistance are up considerably. Various agencies run into times where they don't have sufficient funding to meet needs. Oberlin created a Caring Fund and contracts with an outside agency to administer it. Funding comes from a

rounding program. If a utility bill is \$100.50, the program would round it up to \$101.00 and set \$.50 into the caring fund program. This is voluntary. Oberlin did an opt-out program, assuming customers were in unless they opted out. Heath doesn't recommend that.

We can let another entity like Northwest Ohio Community Action Commission (NOCAC) determine who is eligible and how much assistance they receive. The program is monitored so it is not abused. There are maximum dollar amounts and a maximum number of times someone can use it. If a bill was \$100.01, \$.99 would go to the care fund. If the bill was \$100.99, the fund would get \$.01. Heath gave an example with 6,000 customers @ 10% participation @ \$.50 each, the program would gain about \$300 per month or \$3,600 per year. Actual collection is dependent on the number of customers that actually sign up.

Engler asked if this money would only be used for Napoleon bills. Heath said we would only fund customers of the City. There is a sample agreement in the packet. Cordes asked about admin costs. Heath said there would be no additional costs except forms for sign-ups. We can do the program with current personnel. DeWit suggested doing the program in winter. A majority of issues occur from November to February. We can't shut people off when it's freezing. Heath said any restrictions placed on fund distribution would be part of the NOCAC agreement. We are doing an upgrade to our system now and could incorporate in this change. He talked to NOCAC two years ago and they were able to handle it at that time. They would present a list of individuals and a dollar amount. We would move funds out of our trust into their distribution system. This would be for the total City bill. The bill would have a line showing the standard amount and the opt-in amount. Customers can opt-in and opt-out each month, like the EcoSmart program.

Motion To Accept BOPA Recommendation

Motion: McColley Second: Maassel
To accept the BOPA recommendation to move forward with the utility bill assistance program

Passed
Yea-3
Nay-0

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

Review Of Electric Rate Stabilization

Bisher said it is projected that 2014 and 2015 electric rates will be lower than they are now, and 2016 rates will go above where they are now. He believes it would be wise to do a rate stabilization program where we don't lower rates for the next 2 years so that when rates jump up in 2016, we have the money to step it up. This would help businesses and individual budgets. We are talking wholesale rates. We can have AMP come in and do projections for rate stabilization for 4-5 years. Sheaffer asked if AMP would design the program and put it in our savings account. DeWit said they would keep the interest for us. Sheaffer said he would feel better if we had the money instead of them. Is there a charge for this service? Bisher said cities usually do this when rates have jumped up and they borrow to keep costs down. He would like to do it the other way so we have a smooth transition. McColley asked the advantages of going to AMP opposed to us doing it ourselves. Bisher said AMP doesn't care either way. Sheaffer said he trusts Heath to do this more than AMP. Heath said he is not sure how this works. He would have to review it. The real issue is how it is incorporated. Cordes asked if we would let people know if it is incorporated at the City level. Heath said we

would let people know whatever level. Cordes asked if this would be line itemized. Heath said it would be in the billing determinants. DeWit said the problem is how to get money in there and how to get it out. We don't get it back at the same rate if we are not using power at the same rate. Engler suggested having AMP do their presentation, then make a decision. Heath said the questions are: How much will rates go up? Do we want to buffer it? How long do we buffer it for?

Motion To Accept BOPA Recommendation

Motion: McColley Second: Maassel
To accept the BOPA recommendation to look at rate stabilization from AMP

Passed
Yea-3
Nay-0

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

Solar Acquisition Of Additional Solar Power

Bisher said Phase I Solar has 3 participants: Waynesfield, St. Marys, and Napoleon. St. Marys has the lion's share and would like to do another solar project and put it behind their meter. We could consider one-half to one more meg. We could tell St. Marys: If you want to build 2 megs behind the meter, we'll take 1 meg of ours back; and we'll have 2 megs instead of 1; and we'll know the price. They pay us for negative power because the REC cost is greater than the generation cost. We will fix that price at about 6-1/2 cents to pay off our debt service quicker. Once the debt service is paid off, we will have 2 cent power. If we go to a different solar project, we have to start over with selling RECs. There's no guarantee REC prices will stay as good as now. There are no personnel costs for solar except spraying weeds. We are getting good production. DeWit asked how far we sell off RECs into the future. Bisher said some went for above \$150 for 1 year and some at \$45-50 for 10 years. If we don't sell all of them and someone comes up short, we can sell them back. The rule is you must have 20% green power by 2020 and a certain % must be RECs from Ohio.

Motion To Adjourn

Motion: Maassel Second: McColley
To adjourn the meeting at 7:28 pm

Passed
Yea-3
Nay-0

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

Date

Travis Sheaffer, Chair

<u>BILLING DETERMINANTS for BI</u>									
<u>2013 - JULY BILLING WITH JUNE 2013 DATA BI</u>									
<u>PREVIOUS MONTH'S POWER BILLS - PU</u>									
<u>DATA PERIOD</u>									
AMP-Ohio Bill Month									
City-System Data Month									
City-Monthly Billing Cycle									
	(	EFFICIENCY	JV-2	JV-5	JV-6	TRANSMISSION	SERVICE FEES	CITY RATE	TOTAL -
PURCHASED POWER-RESOURCES ->	(	SMART	PEAKING	HYDRO	WIND	CHARGES	DISPATCH, A & B	ADJUSTMENT	ALL
	(	POWER PLANT	SCHED. @ ATSI	7x24 @ ATSI	SCHED. @ ATSI	Other Charges	Other Charges	MONTHLY ADDER	RESOURCES
Delivered kWh (On Peak) ->		0	82	2,297,472	50,643				14,277,274
Delivered kWh (Off Peak) ->									0
Delivered kWh (Losses/Offset) ->				33,333					1,580,562
Delivered kWh (Credits) ->									-2,762,264
Net Total Delivered kWh as Billed ->		0	82	2,330,805	50,643	0	0	0	13,095,572
<i>Percent % of Total Power Purchased-></i>		<i>0.0000%</i>	<i>0.0006%</i>	<i>17.7984%</i>	<i>0.3867%</i>	<i>0.0000%</i>	<i>0.0000%</i>	<i>0.0000%</i>	<i>100.0000%</i>
								<i>Verification Total -></i>	<i>100.0000%</i>
<u>POWER - COSTS OF ENERGY, DEMAND, REACTIVE,</u>									
<u>DEMAND CHARGES (Debits)</u>									
Demand Charges			\$282.53	\$11,623.99	\$1,352.13	\$47,181.53			\$162,157.82
Debt Services (Principal & Interest)				\$64,474.06	\$3,531.00				\$238,782.24
Capital Improvements									\$0.00
Working Capital									\$0.00
<u>DEMAND CHARGES (Credits)</u>									
Transmission Charges (Demand-Credits)			-\$570.20	-\$4,302.51	-\$131.83				-\$27,069.50
Capacity Credit			-\$380.66	-\$6,515.68	-\$152.36				-\$42,459.79
Sub-Total Demand Charges		\$0.00	-\$668.33	\$65,279.86	\$4,598.94	\$47,181.53	\$0.00	\$0.00	\$331,410.77
<u>ENERGY CHARGES (Debits):</u>									
Energy Charges - On Peak			\$1.30	\$55,296.09		\$9,674.51			\$653,777.76
Energy Charges - Off Peak									\$0.00
Net Congestion, Losses, FTR									\$29,811.31
Transmission Charges (Energy-Debits)									\$18,333.59
ESPP Charges		\$38,168.43							\$38,168.43
Bill Adjustments			\$17.54						\$76.43
<u>ENERGY CHARGES (Credits):</u>									
Energy Charges - On Peak (Sale or Rate Stabilization)									-\$184,453.48
Net Congestion, Losses, FTR									-\$1,704.05
Bill Adjustments									-\$437.81
Sub-Total Energy Charges		\$38,168.43	\$18.84	\$55,296.09	\$0.00	\$9,674.51	\$0.00	\$0.00	\$553,572.18
<u>COMBINED DEMAND & ENERGY (Debits & Credits A</u>									
RPM Charges Capacity - (Debit)						\$56,034.44			\$56,034.44
RPM Charges Capacity - (Credit)						-\$5,338.29			-\$5,338.29
Service Fees AMP-Dispatch Center - (Debit/Credit)							\$1,163.59		\$1,163.59
Service Fees AMP-Part A - (Debit/Credit)							\$2,652.47		\$2,652.47
Service Fees AMP-Part B - (Debit/Credit)							\$6,343.07		\$6,343.07
Other Charges & Bill Adjustments - (Debit/Credit)									\$0.00
City Rate Adjustment in Cost of Power (1)								\$60,000.00	\$60,000.00
Sub-Total Service Fees & Other Charges		\$0.00	\$0.00	\$0.00	\$0.00	\$50,696.15	\$10,159.13	\$60,000.00	\$120,855.28
TOTAL - ALL COSTS TO ALLOCATE		\$38,168.43	-\$649.49	\$120,575.95	\$4,598.94	\$107,552.19	\$10,159.13	\$60,000.00	\$1,005,838.23
								<i>Verification Total -></i>	<i>\$1,005,838.23</i>
<i>Purchased Power Resources - Cost per kWh-></i>		<i>\$0.000000</i>	<i>-\$7.920610</i>	<i>\$0.051731</i>	<i>\$0.090811</i>	<i>\$0.000000</i>	<i>\$0.000000</i>	<i>\$0.000000</i>	<i>\$0.076808</i>
								(Northern Pool Power - On-Peak (or Off-Peak) Energy Charge/kWh) = JV2 Electric Service Rate ->	\$0.028945
								(Northern Pool Power - On-Peak (or Off-Peak) Energy Charge/kWh) = JV5 Electric Service Rate ->	\$0.028945

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

BILLING DETERMINANTS for BILLING CYCLE - JULY, 2013

2013 - JULY BILLING WITH JUNE 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	MAY, 2013			31		26,973				
City-System Data Month	JUNE, 2013			30						
City-Monthly Billing Cycle	JULY, 2013			31						
	(	<u>AMPGS</u>	<u>AMPGS</u>	<u>SALE TO</u>		<u>NAPOLEON</u>	<u>PRAIRIE</u>	<u>NORTHERN</u>	<u>FREEMONT</u>	
<u>PURCHASED POWER-RESOURCES -></u> (	<u>REPLACEMENT</u>	<u>REPLACEMENT</u>	<u>TEA</u>	<u>AMP CT</u>	<u>NYPA</u>	<u>SOLAR</u>	<u>STATE</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>SCHED. @ PJMC</u>	<u>POOL</u>	<u>SCHEDULED</u>	
<u>RATIOS COMPUTATION (By Billed Demand and Energy):</u>										
DEMAND Ratio	0.0000%	0.0000%	0.0000%	100.0000%	55.8201%	504.3690%	76.9257%	0.0000%	39.7411%	
ENERGY Ratio	100.0000%	100.0000%	100.0000%	0.0000%	44.1799%	-404.3690%	23.0743%	100.0000%	60.2589%	
Verification Total-Ratio's = 100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	
<u>COST ALLOCATION TO SERVICE FEES & BILLING AND RATE ADJUSTMENTS - By DEMAND and ENERGY RATIO'S:</u>										
<u>RPM Charges Capacity</u>										
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
<u>Service Fees-AMP Charges (Dispatch, Part A & Part B)</u>										
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
<u>Other Charges & Other Bill Adjustments</u>										
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
<u>City Rate Adjustment in Cost of Power (1)</u>										
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
Verification Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

<u>BILLING DETERMINANTS for BI</u>								
<u>2013 - JULY BILLING WITH JUNE 2013 DATA BI</u>								
<u>PREVIOUS MONTH'S POWER BILLS - PU</u>								
<u>DATA PERIOD</u>								
AMP-Ohio Bill Month								
City-System Data Month								
City-Monthly Billing Cycle								
	EFFICIENCY	JV-2	JV-5	JV-6	TRANSMISSION	SERVICE FEES	CITY RATE	TOTAL -
PURCHASED POWER-RESOURCES ->	SMART	PEAKING	HYDRO	WIND	CHARGES	DISPATCH, A & B	ADJUSTMENT	ALL
	POWER PLANT	SCHED. @ ATSI	7x24 @ ATSI	SCHED. @ ATSI	Other Charges	Other Charges	MONTHLY ADDER	RESOURCES
<u>RATIOS COMPUTATION (By Billed Demand and Ener</u>								
						A-AMP RATIO	B-CITY RATIO	
DEMAND Ratio	0.0000%	102.9007%	54.1400%	100.0000%	82.9842%	37.5108%	39.8896%	
ENERGY Ratio	100.0000%	-2.9007%	45.8600%	0.0000%	17.0158%	62.4892%	60.1104%	
Verification Total-Ratio's = 100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	
<u>COST ALLOCATION TO SERVICE FEES & BILLING A</u>								
<u>RPM Charges Capacity</u>								
DEMAND - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$42,069.79	\$0.00	\$0.00	\$42,069.79
ENERGY - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$8,626.36	\$0.00	\$0.00	\$8,626.36
Verification Total	\$0.00	\$0.00	\$0.00	\$0.00	\$50,696.15	\$0.00	\$0.00	\$50,696.15
<u>Service Fees-AMP Charges (Dispatch, Part A & Part I</u>								
DEMAND - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,810.77	\$0.00	\$3,810.77
ENERGY - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,348.36	\$0.00	\$6,348.36
Verification Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10,159.13	\$0.00	\$10,159.13
<u>Other Charges & Other Bill Adjustments</u>								
DEMAND - Allocation based on Ratio	\$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
Verification Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<u>City Rate Adjustment in Cost of Power (1)</u>								
DEMAND - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$23,933.76	\$23,933.76
ENERGY - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$36,066.24	\$36,066.24
Verification Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$60,000.00	\$60,000.00
Verification Total	\$0.00	\$0.00	\$0.00	\$0.00	\$50,696.15	\$10,159.13	\$60,000.00	\$120,855.28

BILLING DETERMINANTS for BILLING CYCLE - JULY, 2013**PREVIOUS MONTH'S POWER BILLS - PURCHASED POWER SUPPLY - COST ALLOCATION:**

<u>DATA PERIOD</u>	<u>MONTH</u>	<u>DAYS IN MONTH</u>	<u>SYSTEM PEAK</u>
AMP-Ohio Bill Month	MAY, 2013	31	26,973
City-System Data Month	JUNE, 2013	30	
City-Monthly Billing Cycle	JULY, 2013	31	

PURCHASED POWER SUPPLY - COST ALLOCATION WORKSHEET

<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	\$124,079.45	\$0.00	\$0.00	\$0.00	\$0.00
AMPGS-REPLACEMENT 7x24 @ AD	\$0.00	\$315,741.69	\$0.00	\$0.00	\$0.00	\$0.00
SALE TO TEA 5x16 @ AD	\$0.00	-\$14,966.37	\$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	-\$25,288.96	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
NYPA SCHEDULED	\$2,896.97	\$2,292.86	\$0.00	\$0.00	\$0.00	\$0.00
NAPOLEON SOLAR SCHEDULED	\$19,198.20	-\$15,391.82	\$0.00	\$0.00	\$0.00	\$0.00
PRAIRE STATE SCHEDULED	\$151,692.54	\$45,501.05	\$0.00	\$0.00	\$0.00	\$0.00
NORTHERN POWER POOL	\$0.00	-\$107,705.98	\$0.00	\$0.00	\$0.00	\$0.00
FREMONT ENERGY SCHEDULED	\$66,520.02	\$100,863.43	\$0.00	\$0.00	\$0.00	\$0.00
JV-2 PEAKING SCHEDULED	-\$668.33	\$18.84	\$0.00	\$0.00	\$0.00	\$0.00
JV-5 HYDRO	\$65,279.86	\$55,296.09	\$0.00	\$0.00	\$0.00	\$0.00
JV-6 WIND	\$4,598.94	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TRANSMISSION and Other Charges	\$47,181.53	\$9,674.51	\$42,069.79	\$8,626.36	\$0.00	\$0.00
A - AMP Service Fees- Dispatch, A & B	\$0.00	\$0.00	\$0.00	\$0.00	\$3,810.77	\$6,348.36
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
TOTALS - ALL	\$331,410.77	\$553,572.18	\$42,069.79	\$8,626.36	\$3,810.77	\$6,348.36

RATIOS COMPUTATIONS (By Billed Demand and Energy):**A - AMP Service Fees - Ratio Allocation (Excluding JV2, JV5 & JV6, & Service Fees)**

Totals - AMP All Billing Costs by Demand and Energy (Excludes: JV2, JV5 & JV6, & AMP Service Fees)

Ratios to Allocate AMP Service Fees

B - City Rate Adjustment - Ratio Allocation (To Total Cost of Power)

Totals - All Billing Costs both Demand and Energy

Ratios to Allocate City Rate Adjustment

C - Outdoor Street Lights and Miscellaneou - Ratio Allocation (To ALL Costs of Power, Including City Rate Adjustment)

Totals - All Billing Costs both Demand and Energy

Ratios to Allocate City Rate Adjustment

Other Cost and Reconciliation Items for Power Supply Cost Allocation Worksheet:**C - Outdoor Street Light Reconciliation Credit Computation (Outdoor Street Light Cost by Average Cost of Power)**

Total Purchased Power Cost (Cost Per kWh, on Page 3)

Total Outdoor Street Light kWh by Light Type (on Page 2)

Net Allocated - Security Street Light Credit**Less: Security Street Light Corrections (If Any)****Net Allocated - Security Street Light Credit**

<u>BILLING DETERMINANTS for BILLI</u>						
<u>PREVIOUS MONTH'S POWER BILLS - PURCH</u>						
<u>DATA PERIOD</u>						
AMP-Ohio Bill Month						
City-System Data Month						
City-Monthly Billing Cycle						
<u>PURCHASED POWER SUPPLY - COST ALLO</u>						
	Other Charges & Bill Adjsmnt.	Other Charges & Bill Adjsmnt.	City Rate Adjustment	City Rate Adjustment	TOTAL COSTS ALLOCATED	
Purchased Power Provider	DEMAND	ENERGY	DEMAND	ENERGY	TOTAL DEMAND	TOTAL ENERGY
AMPGS-REPLACEMENT 5x16 @ AD	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$124,079.45
AMPGS-REPLACEMENT 7x24 @ AD	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$315,741.69
SALE TO TEA 5x16 @ AD	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$14,966.37
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	-\$25,288.96	\$0.00
NYPA SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	\$2,896.97	\$2,292.86
NAPOLEON SOLAR SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	\$19,198.20	-\$15,391.82
PRAIRE STATE SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	\$151,692.54	\$45,501.05
NORTHERN POWER POOL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$107,705.98
FREMONT ENERGY SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	\$66,520.02	\$100,863.43
JV-2 PEAKING SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	-\$668.33	\$18.84
JV-5 HYDRO	\$0.00	\$0.00	\$0.00	\$0.00	\$65,279.86	\$55,296.09
JV-6 WIND	\$0.00	\$0.00	\$0.00	\$0.00	\$4,598.94	\$0.00
TRANSMISSION and Other Charges	\$0.00	\$0.00	\$0.00	\$0.00	\$89,251.32	\$18,300.87
A - AMP Service Fees- Dispatch, A & B	\$0.00	\$0.00	\$0.00	\$0.00	\$3,810.77	\$6,348.36
B - City Rate Adjustment Added to Cost of Power	\$0.00	\$0.00	\$23,933.76	\$36,066.24	\$23,933.76	\$36,066.24
C - Outdoor Lght.Credit Reconciliation	-\$1,918.12	-\$2,890.44	\$0.00	\$0.00	-\$1,918.12	-\$2,890.44
TOTALS - ALL	-\$1,918.12	-\$2,890.44	\$23,933.76	\$36,066.24	\$399,306.97	\$601,722.70
<u>RATIOS COMPUTATIONS (By Billed Demand and Energy):</u>					<u>DEMAND</u>	<u>ENERGY</u>
<u>A - AMP Service Fees - Ratio Allocation (Excluding JV:</u>						
Totals - AMP All Billing Costs by Demand and Energy (Ex					\$304,270.09	\$506,883.61
Ratios to Allocate AMP Service Fees					37.5108%	62.4892%
<u>B - City Rate Adjustment - Ratio Allocation (To Total C</u>						
Totals - All Billing Costs both Demand and Energy					\$377,291.33	\$568,546.90
Ratios to Allocate City Rate Adjustment					39.8896%	60.1104%
<u>C - Outdoor Street Lights and Miscellaneou - Ratio All</u>						
Totals - All Billing Costs both Demand and Energy					\$401,225.09	\$604,613.14
Ratios to Allocate City Rate Adjustment					39.8896%	60.1104%
<u>Other Cost and Reconciliation Items for Power Supply</u>						
<u>C - Outdoor Street Light Reconciliation Credit Comput</u>						
Total Purchased Power Cost (Cost Per kWh, on Page 3)	\$0.076808					
Total Outdoor Street Light kWh by Light Type (on Page 2	62,605					
Net Allocated - Security Street Light Credit	-\$4,808.56				-\$1,918.12	-\$2,890.44
Less: Security Street Light Corrections (If Any)	\$0.00				\$0.00	\$0.00
Net Allocated - Security Street Light Credit	-\$4,808.56				-\$1,918.12	-\$2,890.44

BILLING DETERMINANTS for BILLING CYCLE - JULY, 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**

Days in AMP-Oh Bill Month	31	MAY, 2013
Coincidental Peak in Month	26,973	MAY, 2013
Days in Data Month	30	JUNE, 2013

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

Cstmr. Class or Schedule	kWh	Metered kW	Billed kVa	Light	Number of	Monthly kWh	Total kWh
	Sales	Demand	Demand	Type	Lights	Per Light	by Light Type
Residential (Domestic)	2,184,675	0		52W	3	17.16	51
Residential (Rural)	1,024,231	203		70W	87	23.10	2,010
Commercial (1P)	49,865	17		100W	487	33.00	16,071
Commercial (1P)(D)	332,011	1,910		150W	58	49.50	2,871
Commercial (3P)	40	8		157W	2	51.81	104
Commercial (3P)(D)	1,750,353	6,471		250W	335	82.50	27,638
Large Power (D)	3,001,164	7,995	7,995	400W	105	132.00	13,860
Industrial (D)	2,958,628	5,330	5,330				
Interdepartmental	383,136	1,036					
	-----	-----	-----				-----
Total kWh, kW and kVa	11,684,103	22,970	13,325		1,077		62,605

Verification Totals ->

11,684,103

22,970

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

AVERAGE AND EXCESS DEMAND CALCULATION

	A	B	C	D	E	F	
		(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	
kWh & Demand w/Demand (Actual or Cal.)	Monthly kWh	Monthly Average	Cal. or Actual Maximum	Excess Demand	Allocated Excess Demand	Delivered A & E	
Cstmr. Class or Schedule	Delivered	Demand	Demand	Demand	Demand	A & E	
Residential (Dom) (Cal. D)	2,184,675	2,936	4,854	1,918	1,516	4,452	
Residential (Rural) (Cal. D)	1,024,231	1,377	2,277	900	711	2,088	
Commercial (1P) (Cal. D)	49,865	67	111	44	35	102	
Commercial (1P) (Actual D)	332,011	446	1,910	1,464	1,157	1,603	
Commercial (3P) (Cal. D)	40	0	0	0	0	0	
Commercial (3P) (Actual D)	1,750,353	2,353	6,471	4,118	3,255	5,608	
Large Power (Actual D)	3,001,164	4,034	7,995	3,961	3,131	7,165	
Industrial (Actual D)	2,958,628	3,977	5,330	1,353	1,069	5,046	
Interdepartmental (Cal. D)	383,136	515	851	336	266	782	
Total Billed System Demand	11,684,103	15,705	29,799	14,094	11,140	26,846	
Outdoor Lights	62,605	84	139	55	43	127	
Total System Demand	11,746,708	15,789	29,938	14,149	11,183	26,973	
System Load Factor:	60.49%	<- Total kWh Del. / (Total Sys.kW Load X 24 X # Days In Data Month)				26,973	<-Verification Total
		11746708 / (26973 x 24 x 30)					

BILLING DETERMINANTS for BILLING CYCLE - JULY, 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):	\$601,723	\$601,723	<- Verification Total - Variations Due To Rounding
		=====	

kWh

	<u>Billing Units</u>	<u>Percent Allocated</u>	<u>Allocated Dollars \$</u>
Res./Interdept. (G1):	3,592,042	30.7430%	\$184,988
Commercial (G2):	2,132,269	18.2493%	\$109,810
Large Power (G3):	3,001,164	25.6859%	\$154,558
Industrial (G4):	2,958,628	25.3219%	\$152,367

Total:	11,684,103	100.0000%	\$601,723	<- Verification Total - Variations Due To Rounding
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Verification Total ->	11,684,103	=====		
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DEMAND COST ALLOCATION:

Total Demand Cost (from Power Bills page):	\$399,307	\$399,307	<- Verification Total - Variations Due To Rounding
		=====	

kW/KVA

	<u>Billing Units</u>	<u>Percent Allocated</u>	<u>Allocated Dollars \$</u>
Res./Interdept. (G1):	7,322	27.2741%	\$108,907
Commercial (G2):	7,313	27.2406%	\$108,774
Large Power (G3):	7,165	26.6893%	\$106,572
Industrial (G4):	5,046	18.7960%	\$75,054

Total:	26,846	100.0000%	\$399,307	<- Verification Total - Variations Due To Rounding
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Verification Total ->	26,846	=====		
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APPLIED GENERATION & DEMAND COSTS TO MONTHLY BILLING RATES**MONTHLY KWH & DEMAND RATE CALCULATION**

<u>JULY, 2013</u>	<u>Allocated Costs</u>	<u>Billing Units</u>	<u>PWR.RATES CHARGED</u>
<u>JV's Purchased Cost kWh to City</u>			
JV2 Joint Venture Rate (JV2 Energy Only)			\$0.02895
JV5 Joint Venture Rate (JV5 Energy Only)			\$0.02895
<u>Generation Charge:</u>			
Res./Interdept. (G1):	\$293,895	3,592,042	\$0.08182
Commercial (G2):	\$218,584	2,132,269	\$0.10251
Large Power (G3):	\$154,558	3,001,164	\$0.05150
Industrial (G4):	\$152,367	2,958,628	\$0.05150
		=====	
<u>Demand Charge:</u>			
		11,684,103	
Large Power (D1):	\$106,572	7,995	\$13.33
Industrial (D2):	\$75,054	5,330	\$14.08
Total Billing & Unit Check:	\$1,001,030	11,684,103	
Verification of Billings & Units:	\$1,001,030	11,684,103	<i>Net Costs/kWh</i>
Net Average City Cost of Purchased Power/kWh for Month w/Credits:			\$0.07681
Net Average Customer Cost of Billing per kWh for Prior Billing Month:			\$0.09862



AMERICAN MUNICIPAL POWER, INC.

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

INVOICE NUMBER: 177980
INVOICE DATE: 6/14/2013
DUE DATE: 6/28/2013
TOTAL AMOUNT DUE: \$809,260.89
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.

Northern Power Pool Billing - May, 2013

MUNICIPAL PEAK: 26,973 kW
TOTAL METERED ENERGY: 13,214,723 kWh

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

Total Power Charges: \$691,549.57
Total Transmission Charges: \$107,552.19
Total Other Charges: \$10,159.13
Total Miscellaneous Charges: \$0.00

GRAND TOTAL POWER INVOICE: \$809,260.89

****The Total Charges on this invoice may include a credit paid to the Municipal for power supply which was invoiced separately and repurchased by AMP for use as a Northern Power Pool Resource.**

NOTE: PLEASE SEE ENCLOSED BACKUP FOR MORE DETAILED INFORMATION

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

Wire or ACH Transfer Information :

Mailing Address :

DETAIL INFORMATION OF POWER CHARGES May , 2013
Napoleon

FOR THE MONTH OF:	May, 2013	Total Metered Load kWh:	13,214,723
		Transmission Losses kWh:	-119,151
		Distribution Losses kWh:	0
		Total Energy Req. kWh:	13,095,572
TIME OF FENTS PEAK:	05/30/2013 @ H.E. 16:00	COINCIDENT PEAK kW:	26,167
TIME OF MUNICIPAL PEAK:	05/30/2013 @ H.E. 13:00	MUNICIPAL PEAK kW:	26,973
TRANSMISSION PEAK:	7/21/2011 HE 15:00 EST	TRANSMISSION PEAK kW:	33,431
		PJM Capacity Requirement kW:	30,248

Napoleon Resources

AMP CT - Sched @ ATSI

Demand Charge:	\$1.850000	/ kW *	12,400 kW =	\$22,940.00
Transmission Credit:	\$1.779432	/ kW *	-12,400 kW =	-\$22,064.96
Capacity Credit:	\$2.110000	/ kW *	-12,400 kW =	-\$26,164.00
Subtotal	#N/A	/ kWh *	0 kWh =	-\$25,288.96

Fremont - sched @ Fremont

Demand Charge:	\$3.140000	/ kW *	8,767 kW =	\$27,528.38
Energy Charge:	\$0.031846	/ kWh *	2,952,154 kWh =	\$94,014.47
Net Congestion, Losses, FTR:	\$0.002300	/ kWh *		\$6,790.07
Capacity Credit:	\$0.600000	/ kW *	-8,767 kW =	-\$5,260.20
Debt Service	\$5.047546	/ kW	8,767 kW	\$44,251.84
Adjustment for prior month:				\$58.89
Subtotal	\$0.056699	/ kWh *	2,952,154 kWh =	\$167,383.45

Prairie State - Sched @ PJMC

Demand Charge:	\$8.573407	/ kW *	4,976 kW =	\$42,661.27
Energy Charge:	\$0.008724	/ kWh *	1,577,629 kWh =	\$13,762.84
Net Congestion, Losses, FTR:	\$0.005376	/ kWh *		\$8,481.39
Capacity Credit:	\$0.400935	/ kW *	-4,976 kW =	-\$1,995.05
Debt Service	\$22.312363	/ kW	4,976 kW	\$111,026.32
Transmission from PSEC to PJM/MISO	\$0.011621	/ kWh	1,577,629 kWh	\$18,333.59
Board Approved Rate Levelization				-\$57,959.40
Subtotal	\$0.085135	/ kWh *	1,577,629 kWh =	\$134,310.96

Prairie State Replacement from Pool - sched @ PJMC

Energy Charge:	\$0.035380	/ kWh *	1,547,229 kWh =	\$54,740.51
Net Congestion, Losses, FTR:	\$0.005262	/ kWh *		\$8,142.12
Subtotal	\$0.040642	/ kWh *	1,547,229 kWh =	\$62,882.63

JV6 - Sched @ ATSI

Demand Charge:			300 kW	
Energy Charge:			50,643 kWh	
Transmission Credit:	\$0.439426	/ kW *	-300 kW =	-\$131.83
Capacity Credit:	\$0.507864	/ kW *	-300 kW =	-\$152.36
Subtotal	-\$0.005612	/ kWh *	50,643 kWh =	-\$284.19

NYPA - Sched @ NYIS

Demand Charge:	\$5.178822	/ kW *	944 kW =	\$4,888.81
Energy Charge:	\$0.009501	/ kWh *	466,782 kWh =	\$4,434.72
Net Congestion, Losses, FTR:	-\$0.003651	/ kWh *		-\$1,704.05
Capacity Credit:	\$2.110000	/ kW *	-944 kW =	-\$1,991.84
Adjustment for prior month:				-\$437.82
Subtotal	\$0.011118	/ kWh *	466,782 kWh =	\$5,189.83

JV5 - 7X24 @ ATSI

Demand Charge:			3,088 kW	
Energy Charge:			2,297,472 kWh	
Transmission Credit:	\$1.393298	/ kW *	-3,088 kW =	-\$4,302.51
Capacity Credit:	\$2.110000	/ kW *	-3,088 kW =	-\$6,515.68
Subtotal	-\$0.004709	/ kWh *	2,297,472 kWh =	-\$10,818.19

JV5 Losses - Sched @ ATSI

Energy Charge:			33,333 kWh	
Subtotal	#N/A	/ kWh *	33,333 kWh =	\$0.00

JV2 - Sched @ ATSI

Demand Charge:			264 kW	
Energy Charge:	\$0.015864	/ kWh *	82 kWh =	\$1.30
Transmission Credit:	\$2.159844	/ kW *	-264 kW =	-\$570.20
Capacity Credit:	\$1.441910	/ kW *	-264 kW =	-\$380.66
Subtotal	-\$11.571915	/ kWh *	82 kWh =	-\$949.56

Napoleon Solar - sched @ ATSI

Demand Charge:	\$3.556900	/ kW *	1,040 kW =	\$3,699.18
Energy Charge:	-\$0.083156	/ kWh *	185,096 kWh =	-\$15,391.82
Debt Service	\$14.902900	/ kW	1,040 kW	\$15,499.02
Subtotal	\$0.020564	/ kWh *	185,096 kWh =	\$3,806.38

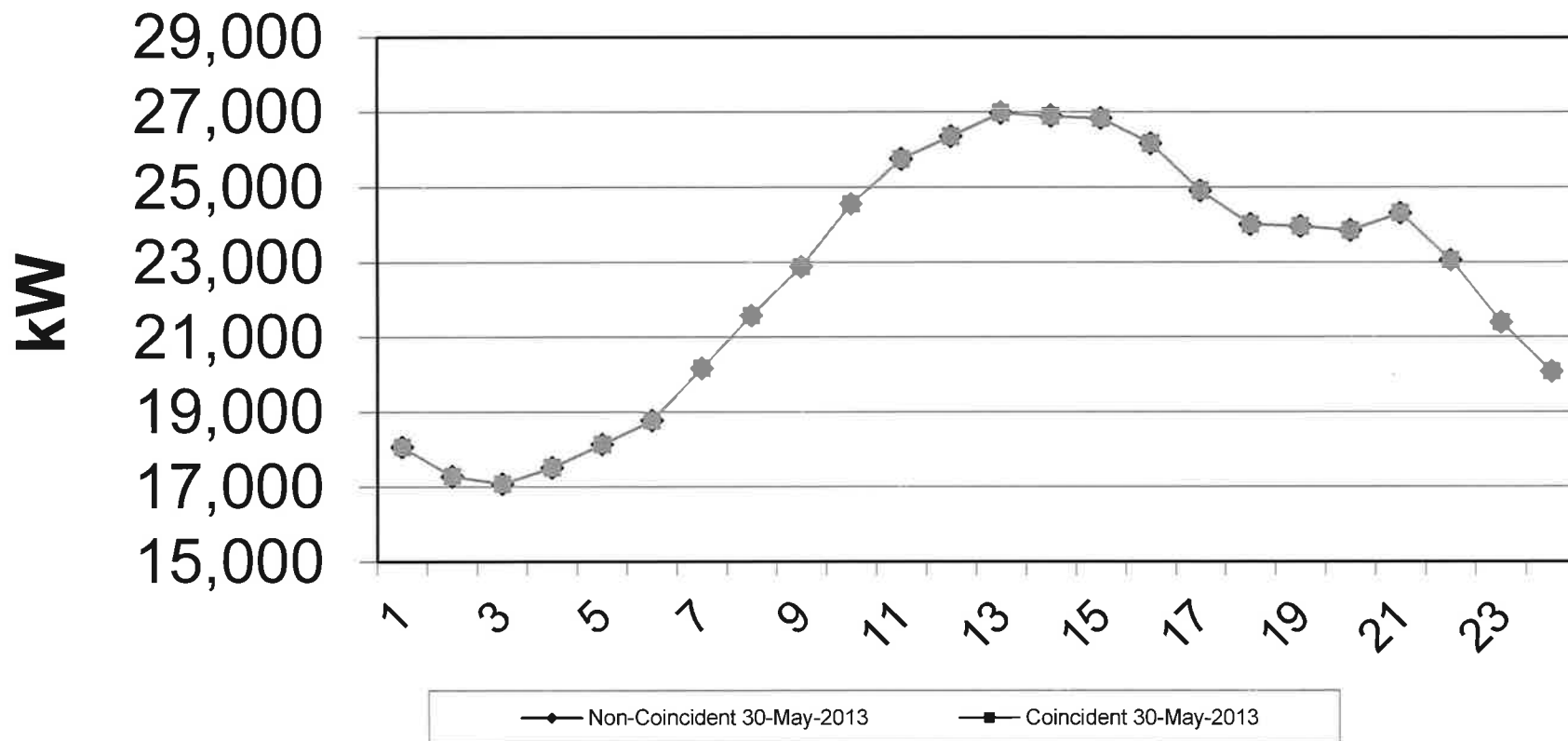
AMPGS Replacement 2013 5x16 - 5x16 @ AD

DETAIL INFORMATION OF POWER CHARGES May , 2013
Napoleon

Demand Charge:			5,000 kW	
Energy Charge:	\$0.069210	/ kWh *	1,760,000 kWh =	\$121,809.60
Net Congestion, Losses, FTR:	\$0.001290	/ kWh *		\$2,269.85
Subtotal	\$0.070500	/ kWh *	1,760,000 kWh =	\$124,079.45
AMPGS Replacement 2013 7x24 - 7x24 @ AD				
Demand Charge:			7,000 kW	
Energy Charge:	\$0.059750	/ kWh *	5,208,000 kWh =	\$311,178.00
Net Congestion, Losses, FTR:	\$0.000876	/ kWh *		\$4,563.69
Subtotal	\$0.060626	/ kWh *	5,208,000 kWh =	\$315,741.69
Sale to TEA (April) 5x16 - 5x16 @ AD				
Demand Charge:			-960 kW	
Energy Charge:	\$0.043000	/ kWh *	-337,920 kWh =	-\$14,530.56
Net Congestion, Losses, FTR:	\$0.001290	/ kWh *		-\$435.81
Subtotal	\$0.044290	/ kWh *	-337,920 kWh =	-\$14,966.37
EFFICIENCY SMART POWER PLANT				
ESPP charges @ \$3.095 /MWh x 147,987.5 MWh / 12				\$38,168.43
Subtotal				\$38,168.43
Northern Power Pool:				
Off Peak Energy Charge:	\$0.028945	/ kWh *	117,336 kWh =	\$3,396.28
Sale of Excess Non-Pool Resources to Pool	\$0.040221	/ kWh *	-2,762,263 kWh =	-\$111,102.26
Subtotal	\$0.040722	/ kWh *	-2,644,927 kWh =	-\$107,705.98
Total Demand Charges:				\$202,965.53
Total Energy Charges:				\$488,584.04
Total Power Charges:			13,095,572 kWh	\$691,549.57
TRANSMISSION CHARGES:				
Demand Charge:	\$1.411311	/ kW *	33,431 kW =	\$47,181.53
Energy Charge:	\$0.000896	/ kWh *	10,798,100 kWh =	\$9,674.51
RPM (Capacity) Charges:	\$1.852500	/ kW *	30,248 kW =	\$56,034.44
RPM (Capacity) Credits (not listed above):	\$2.110000	/ kW *	-2,530 kW =	-\$5,338.30
TOTAL TRANSMISSION CHARGES:	\$0.009960	/ kWh *	10,798,100 kWh =	\$107,552.19
Dispatch Center Charges:	\$0.000088	/ kWh *	13,214,723 kWh =	\$1,163.59
Service Fee Part A, Based on Annual Municipal Sales	\$0.000204	/ kWh *	156,027,853 kWh 1/12 =	\$2,652.47
Service Fee Part B, Energy Purchases	\$0.000480	/ kWh *	13,214,723 kWh =	\$6,343.07
TOTAL OTHER CHARGES:				\$10,159.13
GRAND TOTAL POWER INVOICE:				\$809,260.89

Napoleon Capacity Plan - Actual											
May 2012		ACTUAL DEMAND = 26.973 MW									
Days 31		ACTUAL ENERGY = 13,215 MWH									
SOURCE		DEMAND	ENERGY	LOAD	DEMAND	ENERGY	DEMAND	ENERGY	TOTAL	EFFECTIVE	%
(1)		MW	MWH	FACTOR	\$/KW	\$/MWH	CHARGE	CHARGE	CHARGES	\$/MWH	OF DOLLARS
		(2)	(4)	(5)	(6)	(7)	(9)	(10)	(11)	(12)	(13)
1	NPP Pool Purchases	0.00	117	0%	\$0.00	\$28.94	\$0	\$3,396	\$3,396	\$28.94	0.4%
2	NPP Pool Sales	0.00	-2,762	0%	\$0.00	\$40.22	\$0	-\$111,102	-\$111,102	\$40.22	-11.8%
3	AFEC	8.77	2,952	45%	\$7.59	\$34.15	\$66,579	\$100,805	\$167,383	\$56.70	17.7%
4	Prairie State	4.98	1,578	43%	\$22.52	\$14.10	\$112,067	\$22,244	\$134,311	\$85.13	14.2%
5	NYPA - Ohio	0.94	467	66%	\$3.07	\$4.91	\$2,897	\$2,293	\$5,190	\$11.12	0.6%
6	JV5	3.09	2,297	100%	\$21.14	\$24.07	\$65,280	\$55,296	\$120,576	\$52.48	12.8%
7	JV6	0.30	51	23%	\$15.33	\$0.00	\$4,599	\$0	\$4,599	\$90.81	0.5%
8	Napoleon Solar	1.04	185	24%	\$18.46	-\$83.16	\$19,198	-\$15,392	\$3,806	\$20.56	0.4%
9	AMPGS Replace 7x24	7.00	5,208	100%	\$0.00	\$60.63	\$0	\$315,742	\$315,742	\$60.63	33.5%
10	AMPGS Replace 5x16	5.00	1,760	47%	\$0.00	\$70.50	\$0	\$124,079	\$124,079	\$70.50	13.2%
11	Monthly 5x16 Sale	-0.96	-338	47%	\$0.00	\$44.29	\$0	-\$14,966	-\$14,966	\$44.29	-1.6%
12	Prairie State Replacement from Po	0.00	1,547	0%	\$0.00	\$40.64	\$0	\$62,883	\$62,883	\$40.64	6.7%
13	AMPCT	12.40	0	0%	-\$2.04	\$0.00	-\$25,289	\$0	-\$25,289	\$0.00	-2.7%
14	JV2	0.26	0	0%	-\$2.47	\$15.85	-\$651	\$1	-\$649	-\$7,920.57	-0.1%
POWER TOTAL		42.82	13,062	41%			\$244,680	\$545,279	\$789,958	\$60.48	83.8%
15	Energy Efficiency		0		\$0.00	\$0.00	\$0	\$38,168	\$38,168	\$0.00	4.0%
16	Installed Capacity	30.25			\$1.85		\$56,034	-\$5,338	\$50,696	\$3.84	5.4%
17	TRANSMISSION	33.43	10,798		\$1.41	\$0.90	\$47,182	\$9,675	\$56,856	\$4.30	6.0%
18	Distribution Charge	26.97			\$0.00	\$0.00	\$0	\$0	\$0	\$0.00	0.0%
19	Service Fee B		13,215			\$0.48		\$6,343	\$6,343	\$0.48	0.7%
20	Dispatch Charge		13,215			\$0.09		\$1,164	\$1,164	\$0.09	0.1%
OTHER TOTAL							\$103,216	\$50,011	\$153,227	\$11.60	16.2%
GRAND TOTAL PURCHASED			13,062				\$347,896	\$595,290	\$943,186		
Delivered to members		26.973	13,215	66%			\$347,896	\$595,290	\$943,186	\$71.37	100.0%
		DEMAND	ENERGY	L.F.					TOTAL \$	\$/MWh	Avg Temp
2013 Forecast		28.49	12,776	60%					\$936,947	\$73.34	59.6
2012 Actual		28.13	13,775	66%					\$1,009,888	\$73.31	64.9
2011 Actual		28.50	12,782	60%					\$926,136	\$72.45	61.1
									Actual Temp		62.7

Napoleon Peak Day Load Curve



NAPOLEON

Date	Wednesday 5/1/2013	Thursday 5/2/2013	Friday 5/3/2013	Saturday 5/4/2013	Sunday 5/5/2013	Monday 5/6/2013	Tuesday 5/7/2013	Wednesday 5/8/2013	Thursday 5/9/2013	Friday 5/10/2013	Saturday 5/11/2013	Sunday 5/12/2013	Monday 5/13/2013	Tuesday 5/14/2013	Wednesday 5/15/2013
Hour															
100	15,862	16,181	15,901	13,370	11,441	14,471	15,773	16,419	15,823	16,125	12,593	12,242	15,399	15,707	16,584
200	15,672	15,711	15,523	12,890	11,341	14,474	15,808	16,144	15,819	15,851	12,326	11,859	15,355	15,645	16,244
300	15,410	15,381	15,329	12,817	11,233	14,445	15,566	15,497	15,707	15,697	12,343	11,846	15,318	15,555	16,099
400	15,717	15,642	15,634	12,842	11,083	15,080	15,786	15,798	16,019	15,862	12,327	11,857	15,591	15,629	16,233
500	16,495	16,401	16,353	13,051	11,159	15,855	16,487	16,561	16,549	16,448	12,491	12,183	16,428	16,456	16,994
600	17,585	17,527	17,645	13,205	11,223	17,110	17,554	17,636	17,561	17,570	12,604	11,933	17,899	18,101	18,114
700	18,783	18,688	18,736	13,691	11,925	18,673	18,717	18,768	18,683	18,842	13,027	12,350	19,133	19,159	19,470
800	19,913	19,805	19,531	14,591	12,383	19,385	19,660	19,745	19,443	19,165	14,018	12,940	19,614	19,596	20,438
900	20,339	20,207	19,806	15,349	12,948	19,538	19,974	20,242	19,982	19,906	14,798	13,619	20,138	19,814	21,029
1000	20,710	20,521	20,048	15,667	13,330	19,901	20,449	20,846	20,480	20,419	15,017	13,824	20,464	20,076	19,847
1100	20,992	20,677	20,463	15,476	13,585	20,250	20,688	20,956	20,939	20,414	15,075	13,830	20,106	19,948	21,908
1200	21,134	20,957	20,648	15,135	13,738	20,502	20,634	21,020	21,366	20,554	14,793	13,703	20,055	19,810	22,584
1300	21,430	21,071	20,698	14,881	13,568	20,987	20,432	21,086	21,557	20,532	14,250	13,489	20,005	19,924	22,692
1400	21,313	21,125	20,549	14,875	13,544	20,689	20,473	21,005	21,372	20,093	14,183	13,309	19,552	20,084	22,586
1500	21,132	21,100	20,429	14,754	13,596	19,987	20,130	20,544	21,261	19,611	13,943	13,727	18,890	19,868	22,216
1600	20,642	20,559	19,785	14,970	14,093	19,892	20,275	20,377	21,297	19,501	13,991	13,902	18,470	19,933	22,154
1700	20,096	19,717	18,926	14,862	14,259	19,463	19,755	19,729	20,419	18,968	14,228	14,004	17,980	19,088	21,255
1800	19,966	19,252	18,208	14,723	14,281	19,220	19,277	19,107	19,892	18,189	14,136	13,979	17,664	19,191	20,706
1900	19,731	18,788	17,897	14,066	14,188	18,907	18,806	18,907	19,676	14,121	14,274	17,356	18,903	20,143	20,143
2000	19,927	19,120	18,097	14,309	14,553	19,037	18,899	19,205	19,555	18,062	14,025	14,804	17,703	19,272	20,063
2100	20,364	19,570	18,708	15,105	15,527	19,372	19,472	19,567	19,732	18,281	14,773	15,900	18,534	19,814	20,566
2200	19,055	18,311	17,388	14,344	15,402	18,117	18,644	18,629	18,878	16,927	14,163	16,034	17,836	18,784	19,327
2300	17,798	17,094	15,159	12,858	15,147	16,942	17,425	17,360	17,747	14,380	13,239	15,743	16,830	17,838	18,078
2400	16,958	16,313	13,842	11,923	14,933	16,314	16,886	16,502	16,675	13,151	12,707	15,568	16,176	17,316	17,256
Total	457,024	449,718	435,303	339,754	303,557	438,628	447,570	451,650	456,432	432,276	329,171	326,919	432,496	445,511	472,586

Date	Thursday 5/16/2013	Friday 5/17/2013	Saturday 5/18/2013	Sunday 5/19/2013	Monday 5/20/2013	Tuesday 5/21/2013	Wednesday 5/22/2013	Thursday 5/23/2013	Friday 5/24/2013	Saturday 5/25/2013	Sunday 5/26/2013	Monday 5/27/2013	Tuesday 5/28/2013	Wednesday 5/29/2013	Thursday 5/30/2013	Friday 5/31/2013
Hour																
100	16,426	16,276	12,598	11,379	17,304	19,644	18,543	16,714	15,812	11,963	10,963	10,521	14,572	17,471	18,060	19,120
200	15,809	15,766	12,338	11,062	16,813	19,236	17,917	16,597	15,593	11,704	10,655	10,277	14,472	16,977	17,282	18,639
300	15,379	15,343	12,310	11,063	16,564	18,678	17,726	16,515	15,361	11,588	10,433	10,175	14,306	16,810	17,083	17,983
400	15,714	15,418	12,169	10,850	16,863	18,668	17,964	16,571	15,492	11,610	10,342	10,211	14,331	16,900	17,515	17,748
500	16,500	16,227	12,468	10,929	17,789	19,547	18,757	17,232	16,135	11,747	10,253	10,424	15,092	17,688	18,129	18,331
600	17,496	17,301	12,434	10,768	18,584	20,418	19,554	18,018	16,860	11,588	10,103	10,320	16,708	18,232	18,770	18,936
700	18,723	18,455	13,242	11,297	20,359	21,594	20,756	19,547	18,157	12,518	10,753	10,575	17,961	19,844	20,172	21,020
800	19,671	19,489	14,302	12,177	21,888	23,159	21,783	20,249	18,882	12,982	11,330	11,248	18,980	21,238	21,583	22,694
900	20,181	20,116	15,043	12,994	22,945	23,762	22,360	20,883	19,338	14,010	11,955	11,800	19,786	22,226	22,887	23,728
1000	21,148	20,758	15,606	13,649	24,261	24,684	22,875	21,122	19,698	14,411	12,219	12,467	20,281	22,823	24,550	24,704
1100	21,145	20,898	15,454	14,254	25,012	24,891	23,051	21,307	19,670	14,545	12,551	13,093	20,770	23,232	25,750	25,052
1200	21,298	20,559	15,047	14,925	25,504	25,556	23,081	21,193	19,664	14,169	12,662	13,250	21,425	23,797	26,356	24,935
1300	21,608	20,710	15,138	15,302	26,022	25,975	23,619	20,903	19,399	13,723	12,594	13,087	21,699	24,104	26,973	24,743
1400	21,833	20,764	15,395	15,388	26,298	25,876	23,627	20,604	18,918	13,542	12,139	13,018	21,742	24,577	26,890	23,959
1500	21,588	20,291	15,468	16,040	26,462	25,963	23,505	19,754	18,427	13,685	11,944	13,355	21,189	24,752	26,830	23,376
1600	21,858	20,072	15,637	16,984	26,818	25,924	22,972	19,573	18,256	13,675	12,168	14,058	21,003	25,100	26,167	22,840
1700	21,646	19,193	15,843	17,595	26,625	25,331	22,411	19,108	17,792	13,652	12,535	14,366	21,025	24,829	24,909	22,279
1800	21,172	18,594	15,451	18,091	26,603	25,303	22,673	18,662	17,351	13,268	12,204	14,044	20,651	24,694	24,014	21,470
1900	20,776	17,973	14,941	18,187	25,731	24,524	21,757	18,036	16,983	13,056	11,918	14,413	20,455	23,983	23,967	21,069
2000	20,389	17,709	14,536	18,133	25,181	24,032	21,320	18,016	16,929	13,200	11,969	14,576	20,510	23,537	23,852	20,228
2100	20,771	18,168	14,923	18,993	25,361	24,126	21,221	18,774	17,793	13,950	12,962	15,069	21,251	23,558	24,310	20,851
2200	19,710	16,635	14,093	18,810	23,740	22,928	19,873	17,890	16,856	13,236	12,705	14,978	22,401	23,051	23,010	19,918
2300	18,232	14,492	12,887	18,461	21,820	21,341	18,531	16,770	14,016	12,122	11,955	14,791	19,357	20,459	21,393	18,068
2400	17,331	13,212	11,930	17,968	20,655	19,838	17,411	16,143	12,521	11,355	11,127	14,776	18,533	19,002	20,079	16,425
Total	466,404	421,207	339,253	355,299	545,202	550,998	503,287	450,181	415,903	311,299	280,439 Maximum	304,892 26,973 Minimum	456,697	518,234 10,103 Grand Total	540,572	508,116 13,214,723



REPORT TO PRAIRIE STATE PARTICIPANTS

JUNE 17, 2013

Prairie State Energy Campus (PSEC) Construction

The Prairie State Management Committee declared the completion of construction activity at the PSEC site in May 2013. With some issues still outstanding, final construction costs show that PSGC is realizing approximately \$30 million savings against the \$4.9336 billion construction budget for the project.

PSEC Startup & Shakedown Operations

The Prairie State Generating Company (PSGC) assumed operation of Unit 1 and 2 from the construction contractor in June 2012 and November 2012, respectively. The startup and shakedown activities continued for each unit with PSGC staff operating and maintaining the units. Shakedown activity included:

- optimizing the operation of various plant equipment and systems such as the fuel delivery, boiler combustion, air quality control system (AQCS), ash handling and water supply;
- verifying that equipment installation and initial startup were completed by the construction contractor according to specifications; and
- training of operators and maintenance staff as they learn the operating characteristics of equipment and optimize procedures for equipment startup, operation shut-down and normal operation.

As is normal during shakedown periods for large coal-fired generating units, several operational issues occurred such as equipment failures, boiler slagging, boiler tube leaks, correction and fine tuning of (1) start up/set up by the contractor, (2) procedures and operating set-points established during initial startup, (3) certain operator errors and, (4) some design and installation warranty problems, all contributed to overall operation below expectations. Fortunately for Participants, the short term market remains relatively favorable so replacement power for the lower than expected operations has moderated total power supply costs to the Participants.

The Lively Grove mine has gone through the same startup and shakedown process as the power plant while also completing underground construction work and ramping up the number of employees and equipment to meet the scheduled coal needs at the power plant. The mine ran according to plan during Q1 of 2013 with operating costs of 0.99 \$/mmbtu. During Q2 the mine incurred the cost of repairs to the radial stacker that was damaged during a storm event earlier in 2013. The damage and resulting repairs reduced output while adversely impacting the per-ton costs. As a result the mine did not operate as efficiently as planned.

Unit 1 has now been operating for twelve months while Unit 2 has been operating for seven months. Since beginning operation the availability factor for Units 1 and 2 has been 65.7% and 72.3%, respectively, with a combined availability factor for PSEC of 68% compared to an industry average of 77% for comparable units. During the same period the capacity factor for Units 1 and 2 has been 59.2% and 67.2%, respectively, with a total plant capacity factor of 62.1% compared to the budget of 81.4%.

Unit 1 will be undergoing an extended scheduled outage in the fall of 2013 for maintenance and upgrades to correct additional design and construction deficiencies. Unit 2 will undergo a similar outage in the spring of 2014. PSGC believes that significant problems have been corrected and that going forward the PSEC will achieve the expected operating availability and capacity factors in the 90-95% and 85-90% range, respectively.

Please contact AMP Senior Vice President Mike Perry (614-540-6388; mperry@amppartners.org) or Pam Sullivan (614-540-9071; psullivan@amppartners.org) should you have any questions concerning Prairie State.



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: 177893
INVOICE DATE: 6/12/2013
DUE DATE: 6/24/2013
TOTAL AMOUNT DUE: \$300.07
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 -

May, 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		=	\$17.54

TOTAL CHARGES **\$300.07**

* To avoid a delayed payment charge, payment must be made to provide available funds for use by OMEGA JV-2 on or before the due date.

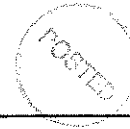
OMEGA JV5
OHIO MUNICIPAL ELECTRIC
GENERATING ASSOCIATION
1111 Schrock Rd, Suite 100
Columbus, Ohio 43229
Phone: (614) 540-1111
Fax: (614) 540-1078

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: 177864
INVOICE DATE: 6/5/2013
DUE DATE: 6/20/2013
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: June, 2013

Financing CHARGES:

Base Financing Principal Payment:	\$13,306,145	/ kW *	3,088 kW =	\$41,089.38
Base Financing Interest Payment:	\$7,572,760	/ kW *	3,088 kW =	\$23,384.68

TOTAL Financing CHARGES:	\$20,878,905	/ kW *	3,088 kW =	\$64,474.06
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SUB-TOTAL				\$64,474.06
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Total OMEGA JV5 Financing Invoice: \$64,474.06

* 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.

Mailing Address : OMEGA JV5/AMP, Inc.
Dept. L614
Columbus, OH 43260

Wire or ACH Transfer Information :
Huntington National Bank
Columbus, Ohio
Account No. 0189-2204055
ABA: #044 000024



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: 177822
INVOICE DATE: 6/5/2013
DUE DATE: 6/20/2013
TOTAL AMOUNT DUE: \$66,920.08
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: May, 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

TOTAL DEMAND CHARGES: \$3.764245 / kW * 3,088 kW = \$11,623.99

ENERGY CHARGES:

JV5 Repl. Pwr. & Variable (Budgeted Rate):	\$0.024068	/ kWh *	2,297,472 kWh =	\$55,296.09
JV5 Fuel Cost (Actual Expense):	\$0.000000	/ kWh *	2,297,472 kWh =	\$0.00

TOTAL ENERGY CHARGES: \$0.024068 / kWh * 2,297,472 kWh = \$55,296.09

SUB-TOTAL \$66,920.08

Total OMEGA JV5 Invoice: **\$66,920.08**

* 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.



AMERICAN MUNICIPAL POWER, INC.

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

INVOICE NUMBER: 177778
INVOICE DATE: 6/1/2013
DUE DATE: 6/15/2013
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

Total

AMOUNT DUE FOR : June, 2013 - Electric Fixed \$1,352.13

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

TOTAL CHARGES

\$1,352.13

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



AMERICAN MUNICIPAL POWER, INC.

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

INVOICE NUMBER: 177788
INVOICE DATE: 6/1/2013
DUE DATE: 6/15/2013
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

Total

AMOUNT DUE FOR :	June, 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**

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

BILLING DETERMINANTS for BILLING CYCLE - JULY, 2013

JULY, 2013																
2013 - JULY BILLING WITH JUNE 2013 DATA BILLING UNITS																
Class and/or Schedule	Rate Code	Jun-13	Jun-13	Jun-13	Billed kVa of Demand	Cost / kWh		Jul-12	Jul-12	Jul-12	Cost / kWh		Aug-12	Aug-12	Aug-12	Cost / kWh
		# of Bills	(kWh Usage)	Billed		For Month	Prior 12 Mo Average	# of Bills	(kWh Usage)	Billed	For Month	Bills	(kWh Usage)	Billed	For Month	
Residential (Dom-In)	E1	3,325	1,765,993	\$190,084.46	0	\$0.1076	\$0.1060	3,337	2,283,884	\$269,307.62	\$0.1179	3,339	3,411,297	\$366,730.13	\$0.1075	
Residential (Dom-In) w/Ecosmart	E1E	11	5,045	\$552.04	0	\$0.1094	\$0.1049	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	
Residential (Dom-In - All Electric)	E2	615	413,084	\$43,487.63	0	\$0.1053	\$0.1042	616	415,828	\$49,083.48	\$0.1180	615	545,552	\$59,137.58	\$0.1084	
Res. (Dom-In - All Elec.) w/Ecosmart	E2E	1	553	\$59.28	0	\$0.1072	\$0.1035	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	
Total Residential (Domestic)		3,952	2,184,675	\$234,183.41	0	\$0.1072	\$0.1056	3,953	2,699,712	\$318,391.10	\$0.1179	3,954	3,956,849	\$425,867.71	\$0.1076	
Residential (Rural-Out)	ER1	736	602,361	\$68,227.84	0	\$0.1133	\$0.1120	738	706,242	\$87,788.31	\$0.1243	741	970,184	\$110,563.50	\$0.1140	
Residential (Rural-Out) w/Ecosmart	ER1E	4	2,177	\$260.10	0	\$0.1195	\$0.1137	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	
Residential (Rural-Out - All Electric)	ER2	387	389,087	\$43,185.77	0	\$0.1110	\$0.1104	391	411,039	\$50,709.34	\$0.1234	390	542,835	\$61,617.72	\$0.1135	
Res. (Rural-Out - All Electric) w/Ecosmart	ER2E	2	1,394	\$160.85	0	\$0.1154	\$0.1049	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	
Residential (Rural-Out w/Dmd)	ER3	15	20,251	\$2,193.46	143	\$0.1083	\$0.1102	15	13,811	\$1,721.42	\$0.1246	15	12,915	\$1,522.70	\$0.1179	
Residential (Rural-Out - All Electric w/Dmd)	ER4	9	8,961	\$995.26	60	\$0.1111	\$0.1102	10	11,181	\$1,372.86	\$0.1228	10	13,301	\$1,513.58	\$0.1138	
Total Residential (Rural)		1,153	1,024,231	\$115,023.28	203	\$0.1123	\$0.1113	1,154	1,142,273	\$141,591.93	\$0.1240	1,156	1,539,235	\$175,217.50	\$0.1138	
Commercial (1 Ph-In - No Dmd)	EC2	73	38,351	\$5,151.02	17	\$0.1343	\$0.1363	73	39,292	\$6,041.82	\$0.1538	74	38,268	\$5,338.61	\$0.1395	
Commercial (1 Ph-Out - No Dmd)	EC2O	40	11,514	\$1,765.50	0	\$0.1533	\$0.1538	40	10,855	\$1,909.03	\$0.1759	40	10,737	\$1,730.38	\$0.1612	
Total Commercial (1 Ph) No Dmd		113	49,865	\$6,916.52	17	\$0.1387	\$0.1404	113	50,147	\$7,950.85	\$0.1586	114	49,005	\$7,068.99	\$0.1443	
Commercial (1 Ph-In - w/Demand)	EC1	265	299,825	\$39,112.08	1734	\$0.1304	\$0.1294	265	343,510	\$51,544.63	\$0.1501	265	384,111	\$50,773.99	\$0.1322	
Commercial (1 Ph-Out - w/Demand)	EC1O	25	32,186	\$4,099.52	176	\$0.1274	\$0.1293	27	33,003	\$5,024.13	\$0.1522	27	39,329	\$5,135.90	\$0.1306	
Total Commercial (1 Ph) w/Demand		290	332,011	\$43,211.60	1,910	\$0.1302	\$0.1294	292	376,513	\$56,568.76	\$0.1502	292	423,440	\$55,909.89	\$0.1320	
Commercial (3 Ph-Out - No Dmd)	EC4O	2	40	\$40.46	8	\$1.0115	\$0.1441	2	0	\$36.00	\$0.0000	2	0	\$36.00	\$0.0000	
Total Commercial (3 Ph) No Dmd		2	40	\$40.46	8	\$1.0115	\$0.1441	2	0	\$36.00	\$0.0000	2	0	\$36.00	\$0.0000	
Commercial (3 Ph-In - w/Demand)	EC3	205	1,457,724	\$162,428.10	5180	\$0.1114	\$0.1126	200	1,477,726	\$194,743.67	\$0.1318	200	1,712,964	\$197,216.69	\$0.1151	
Commercial (3 Ph-Out - w/Demand)	EC3O	32	177,589	\$21,198.29	903	\$0.1194	\$0.1167	33	185,367	\$25,853.95	\$0.1395	33	246,714	\$29,088.11	\$0.1179	
Commercial (3 Ph-Out - w/Dmd.&Sub-St)	E3SO	2	113,360	\$11,819.71	382	\$0.1043	\$0.1057	2	110,120	\$13,782.20	\$0.1252	2	114,120	\$12,626.93	\$0.1106	
Commercial (3 Ph-In - w/Demand, No Ta)	EC3T	1	1,680	\$195.58	6	\$0.1164	\$0.1130	1	1,680	\$227.88	\$0.1356	1	2,240	\$316.75	\$0.1414	
Total Commercial (3 Ph) w/Demand		240	1,750,353	\$195,641.68	6,471	\$0.1118	\$0.1127	236	1,774,893	\$234,607.70	\$0.1322	236	2,076,038	\$239,248.48	\$0.1152	
Large Power (In - w/Dmd & Rct)	EL1	24	2,366,148	\$220,686.44	5797	\$0.0933	\$0.0906	26	3,717,438	\$362,616.41	\$0.0975	26	3,688,122	\$326,784.57	\$0.0886	
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	2	153,120	\$20,722.60	700	\$0.1353	\$0.1248	2	57,120	\$7,165.11	\$0.1254	2	46,080	\$5,325.11	\$0.1156	
Large Power (Out - w/Dmd & Rct)	EL1O	1	63,000	\$7,341.06	223	\$0.1165	\$0.1091	1	86,400	\$10,683.94	\$0.1237	1	110,520	\$11,325.25	\$0.1025	
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	2	336,240	\$33,310.20	938	\$0.0991	\$0.0972	2	443,280	\$45,463.72	\$0.1026	2	389,280	\$37,783.24	\$0.0971	
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	82,656	\$10,416.43	337	\$0.1260	\$0.1262	2	71,731	\$11,939.16	\$0.1664	2	71,310	\$14,087.70	\$0.1976	
Total Large Power		31	3,001,164	\$292,476.73	7,995	\$0.0975	\$0.0934	33	4,375,969	\$437,868.34	\$0.1001	33	4,305,312	\$395,305.87	\$0.0918	
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	2	1,934,737	\$150,696.77	3484	\$0.0779	\$0.0789	1	1,225,661	\$104,581.63	\$0.0853	1	1,234,535	\$93,694.76	\$0.0759	
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1	1,023,891	\$79,602.02	1846	\$0.0777	\$0.0832	1	900,860	\$81,661.20	\$0.0906	1	790,574	\$67,201.22	\$0.0850	
Total Industrial		3	2,958,628	\$230,298.79	5,330	\$0.0778	\$0.0803	2	2,126,521	\$186,242.83	\$0.0876	2	2,025,109	\$160,895.98	\$0.0795	
Interdepartmental (In - No Dmd)	ED1	49	107,189	\$10,148.70	74	\$0.0947	\$0.0957	51	84,297	\$9,078.08	\$0.1077	49	86,356	\$8,635.64	\$0.1000	
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	256,556	\$23,611.11	904	\$0.0920	\$0.0936	20	288,656	\$30,375.79	\$0.1052	20	294,918	\$28,861.53	\$0.0979	
Generators (JV2 Power Cost Only)	GJV2	1	6,054	\$226.60	30	\$0.0374	\$0.0000	1	15,010	\$562.57	\$0.0375	1	12,428	\$283.36	\$0.0228	
Generators (JV5 Power Cost Only)	GJV5	1	13,337	\$499.20	28	\$0.0374	\$0.0000	1	10,228	\$383.35	\$0.0375	1	9,101	\$207.50	\$0.0228	
Total Interdepartmental		72	383,136	\$34,485.61	1,036	\$0.0900	\$0.0897	74	398,191	\$40,399.79	\$0.1015	72	402,803	\$37,988.03	\$0.0943	
SUB-TOTAL CONSUMPTION & DEMAND		5,856	11,684,103	\$1,152,278.08	22,970	\$0.0986	\$0.0995	5,859	12,944,219	\$1,423,657.30	\$0.1100	5,861	14,777,791	\$1,497,538.45	\$0.1013	
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	
Total Street Light Only		18	0	\$14.97	0	\$0.0000	\$0.0000	18	0	\$14.97	\$0.0000	18	0	\$14.97	\$0.0000	
TOTAL CONSUMPTION & DEMAND		5,874	11,684,103	\$1,152,293.05	22,970	\$0.0986	\$0.0995	5,877	12,944,219	\$1,423,672.27	\$0.1100	5,879	14,777,791	\$1,497,553.42	\$0.1013	

BILLING DETERMINANTS for

JULY, 2013

2013 - JULY BILLING WITH JUNE 2013 DATA BI

Class and/or Schedule	Rate Code	Sept-12	Sept-12	Sept-12	Cost / kWh	Oct-12	Oct-12	Oct-12	Cost / kWh	Nov-12	Nov-12	Nov-12	Cost / kWh	Dec-12	Dec-12	Dec-12	Cost / kWh	Jan-13
		# of Bills	(kWh Usage)	Billed	For Month	# of Bills	(kWh Usage)	Billed	For Month	# of Bills	(kWh Usage)	Billed	For Month	# of Bills	(kWh Usage)	Billed	For Month	# of Bills
Residential (Dom-In)	E1	3,344	3,620,747	\$358,312.27	\$0.0990	3,345	2,734,209	\$260,427.08	\$0.0952	3,340	1,712,390	\$175,969.61	\$0.1028	3,356	1,965,727	\$233,374.50	\$0.1187	3,346
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	619	563,097	\$56,318.53	\$0.1000	615	457,148	\$43,877.60	\$0.0960	616	326,201	\$33,400.85	\$0.1024	622	475,726	\$55,336.67	\$0.1163	613
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
Total Residential (Domestic)		3,963	4,183,844	\$414,630.80	\$0.0991	3,960	3,191,357	\$304,304.68	\$0.0954	3,956	2,038,591	\$209,370.46	\$0.1027	3,978	2,441,453	\$288,711.17	\$0.1183	3,959
Residential (Rural-Out)	ER1	742	937,481	\$99,400.69	\$0.1060	739	764,117	\$78,154.40	\$0.1023	740	535,533	\$58,690.66	\$0.1096	738	687,628	\$85,202.59	\$0.1239	737
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	392	530,605	\$55,985.23	\$0.1055	391	425,422	\$43,300.05	\$0.1018	390	333,451	\$35,806.28	\$0.1074	390	442,218	\$53,949.94	\$0.1220	389
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	15,755	\$1,694.49	\$0.1076	15	14,186	\$1,462.41	\$0.1031	15	16,892	\$1,765.68	\$0.1045	15	88,829	\$10,166.91	\$0.1145	15
Residential (Rural-Out - All Electric w/Drr)	ER4	10	15,314	\$1,601.77	\$0.1046	10	12,246	\$1,233.89	\$0.1008	10	15,361	\$1,568.48	\$0.1021	10	24,324	\$2,848.41	\$0.1171	10
Total Residential (Rural)		1,159	1,499,155	\$158,682.18	\$0.1058	1,155	1,215,971	\$124,150.75	\$0.1021	1,155	901,237	\$97,831.10	\$0.1086	1,153	1,242,999	\$152,167.85	\$0.1224	1,151
Commercial (1 Ph-In - No Dmd)	EC2	76	41,162	\$5,325.38	\$0.1294	74	40,749	\$4,964.05	\$0.1218	73	31,337	\$4,028.13	\$0.1285	71	35,851	\$5,454.44	\$0.1521	72
Commercial (1 Ph-Out - No Dmd)	EC2O	40	11,042	\$1,665.61	\$0.1508	40	11,306	\$1,612.70	\$0.1426	40	10,055	\$1,493.07	\$0.1485	40	15,970	\$2,531.11	\$0.1585	40
Total Commercial (1 Ph) No Dmd		116	52,204	\$6,990.99	\$0.1339	114	52,055	\$6,576.75	\$0.1263	113	41,392	\$5,521.20	\$0.1334	111	51,821	\$7,985.55	\$0.1541	112
Commercial (1 Ph-In - w/Demand)	EC1	267	475,727	\$56,333.24	\$0.1184	265	408,645	\$46,613.93	\$0.1141	263	314,268	\$38,600.36	\$0.1228	263	296,697	\$44,055.55	\$0.1485	264
Commercial (1 Ph-Out - w/Demand)	EC1O	26	38,978	\$4,664.29	\$0.1197	26	34,073	\$3,988.01	\$0.1170	26	29,657	\$3,658.55	\$0.1234	26	29,713	\$4,457.13	\$0.1500	26
Total Commercial (1 Ph) w/Demand		293	514,705	\$60,997.53	\$0.1185	291	442,718	\$50,601.94	\$0.1143	289	343,925	\$42,258.91	\$0.1229	289	326,410	\$48,512.68	\$0.1486	290
Commercial (3 Ph-Out - No Dmd)	EC4O	2	0	\$36.00	\$0.0000	2	0	\$36.00	\$0.0000	2	0	\$36.00	\$0.0000	2	2,920	\$410.70	\$0.1407	2
Total Commercial (3 Ph) No Dmd		2	0	\$36.00	\$0.0000	2	0	\$36.00	\$0.0000	2	0	\$36.00	\$0.0000	2	2,920	\$410.70	\$0.1407	2
Commercial (3 Ph-In - w/Demand)	EC3	201	1,887,290	\$198,665.03	\$0.1053	199	1,944,847	\$192,197.43	\$0.0988	201	1,649,795	\$166,153.20	\$0.1007	202	1,433,364	\$186,473.94	\$0.1301	203
Commercial (3 Ph-Out - w/Demand)	EC3O	33	255,153	\$27,952.89	\$0.1096	33	246,609	\$25,302.69	\$0.1026	32	320,986	\$33,186.01	\$0.1034	31	467,956	\$56,885.58	\$0.1216	31
Commercial (3 Ph-Out - w/Dmd.&Sub-St)	E3SO	2	118,160	\$11,863.58	\$0.1004	2	128,440	\$11,814.46	\$0.0920	2	132,080	\$12,068.67	\$0.0914	2	125,840	\$14,959.29	\$0.1189	2
Commercial (3 Ph-In - w/Demand, No Ta)	EC3T	1	5,800	\$595.53	\$0.1027	1	5,440	\$522.80	\$0.0961	1	4,040	\$415.97	\$0.1030	1	1,680	\$243.69	\$0.1451	1
Total Commercial (3 Ph) w/Demand		237	2,266,403	\$239,077.03	\$0.1055	235	2,325,336	\$229,837.38	\$0.0988	236	2,106,901	\$211,823.85	\$0.1005	236	2,028,840	\$258,562.50	\$0.1274	237
Large Power (In - w/Dmd & Rct)	EL1	26	3,773,782	\$313,758.19	\$0.0831	26	3,858,546	\$305,788.43	\$0.0792	26	3,585,563	\$295,809.50	\$0.0825	24	2,459,872	\$259,171.51	\$0.1054	24
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	2	52,440	\$5,548.11	\$0.1058	2	67,080	\$8,021.35	\$0.1196	2	73,560	\$8,298.94	\$0.1128	2	76,560	\$11,468.48	\$0.1498	2
Large Power (Out - w/Dmd & Rct)	EL1O	1	105,660	\$10,558.18	\$0.0999	1	84,960	\$8,129.96	\$0.0957	1	57,780	\$6,358.18	\$0.1100	1	64,260	\$8,346.49	\$0.1299	1
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	2	439,440	\$39,608.16	\$0.0901	2	395,760	\$33,918.49	\$0.0857	2	342,720	\$31,080.96	\$0.0907	2	386,880	\$40,465.13	\$0.1046	2
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	74,741	\$11,826.64	\$0.1582	2	72,978	\$11,884.43	\$0.1628	2	56,780	\$6,162.01	\$0.1085	2	38,400	\$4,273.20	\$0.1113	2
Total Large Power		33	4,446,063	\$381,299.28	\$0.0858	33	4,479,324	\$367,742.66	\$0.0821	33	4,116,403	\$347,709.59	\$0.0845	31	3,025,972	\$323,724.81	\$0.1070	31
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	1,192,679	\$86,391.37	\$0.0724	1	1,147,180	\$80,891.19	\$0.0705	1	1,100,838	\$80,039.40	\$0.0727	2	2,075,060	\$182,854.76	\$0.0881	2
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1	759,665	\$60,062.45	\$0.0791	1	722,186	\$56,299.68	\$0.0780	1	412,665	\$37,114.15	\$0.0899	1	802,864	\$72,710.19	\$0.0906	1
Total Industrial		2	1,952,344	\$146,453.82	\$0.0750	2	1,869,366	\$137,190.87	\$0.0734	2	1,513,503	\$117,153.55	\$0.0774	3	2,877,924	\$255,564.95	\$0.0888	3
Interdepartmental (In - No Dmd)	ED1	49	85,438	\$7,866.84	\$0.0921	49	85,346	\$7,372.78	\$0.0864	49	89,813	\$8,046.07	\$0.0896	49	117,123	\$12,512.08	\$0.1068	49
Interdepartmental (Out - No Dmd)	ED1O	1	0	\$0.00	\$0.0000	1	0	\$0.00	\$0.0000	1	0	\$0.00	\$0.0000	1	29	\$3.09	\$0.1066	1
Interdepartmental (In - w/Dmd)	ED2	20	287,407	\$25,788.31	\$0.0897	20	255,936	\$21,542.71	\$0.0842	20	197,249	\$17,159.98	\$0.0870	20	273,670	\$28,493.96	\$0.1041	20
Generators (JV2 Power Cost Only)	GJV2	1	15,054	\$459.90	\$0.0306	2	20,758	\$445.05	\$0.0214	2	21,389	\$451.10	\$0.0211	2	24,071	\$507.90	\$0.0211	1
Generators (JV5 Power Cost Only)	GJV5	1	10,163	\$310.48	\$0.0306	1	12,583	\$269.78	\$0.0214	1	13,812	\$291.30	\$0.0211	1	15,853	\$334.50	\$0.0211	1
Total Interdepartmental		72	398,062	\$34,425.53	\$0.0865	73	374,623	\$29,630.32	\$0.0791	73	322,263	\$25,948.45	\$0.0805	73	430,746	\$41,851.53	\$0.0972	72
SUB-TOTAL CONSUMPTION & DEMAND		5,877	15,312,780	\$1,442,593.16	\$0.0942	5,865	13,950,750	\$1,250,071.35	\$0.0896	5,859	11,384,215	\$1,057,653.11	\$0.0929	5,876	12,429,085	\$1,377,491.74	\$0.1108	5,857
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	\$0.77	\$0.0000	2	0	\$0.77	\$0.0000	2	0	-\$1.15	\$0.0000	2	0	\$1.92	\$0.0000	2
Total Street Light Only		18	0	\$14.97	\$0.0000	18	0	\$14.97	\$0.0000	18	0	\$13.05	\$0.0000	18	0	\$16.12	\$0.0000	18
TOTAL CONSUMPTION & DEMAND		5,895	15,312,780	\$1,442,608.13	\$0.0942	5,883	13,950,750	\$1,250,086.32	\$0.0896	5,877	11,384,215	\$1,057,666.16	\$0.0929	5,894	12,429,085	\$1,377,507.86	\$0.1108	5,875

BILLING DETERMINANTS for

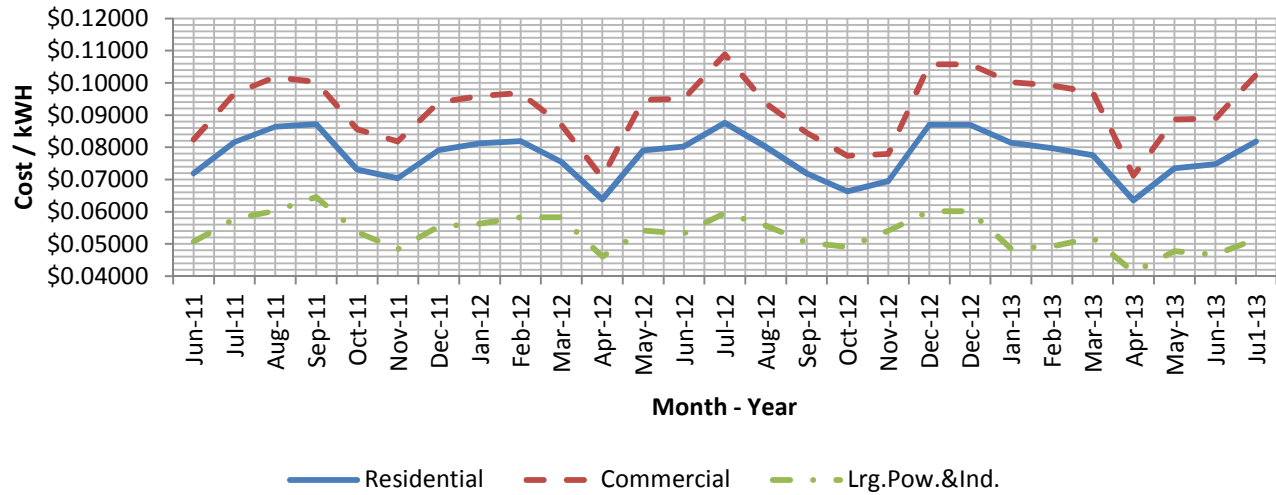
JULY, 2013

2013 - JULY BILLING WITH JUNE 2013 DATA BI

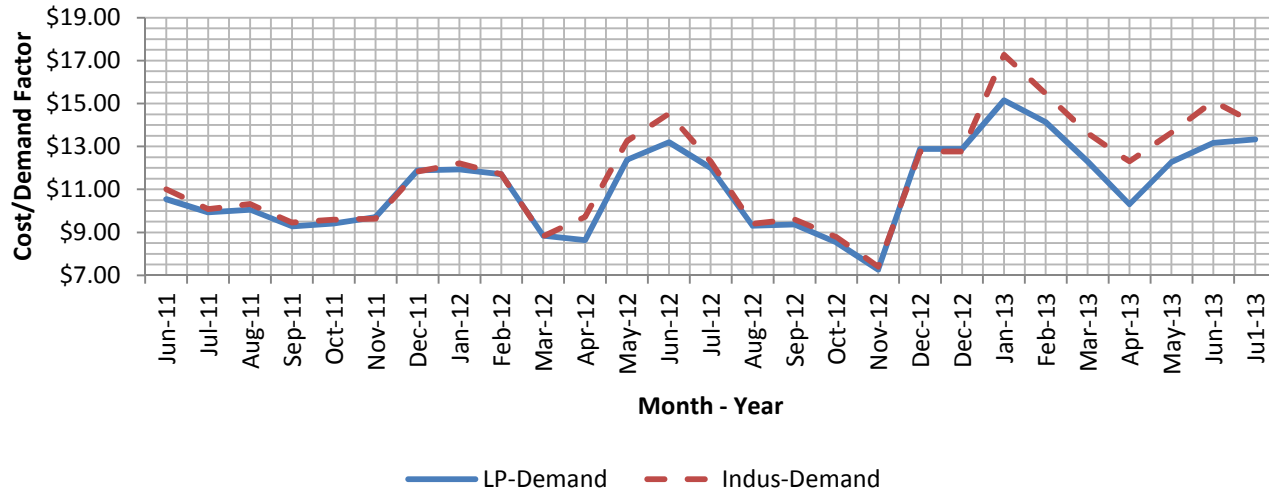
Class and/or Schedule	Rate Code	Jan-13		Cost / kWh For Month	Feb-13		Cost / kWh For Month	Mar-13		Cost / kWh For Month	Apr-13		Cost / kWh For Month	May-13			
		(kWh Usage)	Billed		# of Bills	(kWh Usage)		Billed	# of Bills		(kWh Usage)	Billed		# of Bills	(kWh Usage)	Billed	
Residential (Dom-In)	E1	2,133,099	\$239,663.29	\$0.1124	3,345	2,364,247	\$259,452.84	\$0.1097	3,336	2,423,390	\$260,201.12	\$0.1074	3,333	2,090,663	\$197,962.37	\$0.0947	3,337
Residential (Dom-In) w/Ecosmart	E1E	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	9	4,389	\$427.66	\$0.0974	11
Residential (Dom-In - All Electric)	E2	566,345	\$61,973.79	\$0.1094	610	715,541	\$76,089.63	\$0.1063	617	812,108	\$84,159.34	\$0.1036	616	693,037	\$62,664.43	\$0.0904	613
Res. (Dom-In - All Elec.) w/Ecosmart	E2E	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	1	524	\$50.62	\$0.0966	1
Total Residential (Domestic)		2,699,444	\$301,637.08	\$0.1117	3,955	3,079,788	\$335,542.47	\$0.1089	3,953	3,235,498	\$344,360.46	\$0.1064	3,959	2,788,613	\$261,105.08	\$0.0936	3,962
Residential (Rural-Out)	ER1	750,656	\$88,165.09	\$0.1175	737	890,190	\$101,656.64	\$0.1142	735	885,721	\$99,257.67	\$0.1121	732	765,492	\$76,050.05	\$0.0993	734
Residential (Rural-Out) w/Ecosmart	ER1E	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	4	2,476	\$262.57	\$0.1060	4
Residential (Rural-Out - All Electric)	ER2	492,368	\$56,884.99	\$0.1155	389	608,114	\$68,290.80	\$0.1123	390	617,440	\$67,957.80	\$0.1101	388	538,258	\$52,196.52	\$0.0970	388
Res. (Rural-Out - All Electric) w/Ecosmart	ER2E	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	2	2,769	\$268.75	\$0.0971	2
Residential (Rural-Out w/Dmd)	ER3	112,961	\$12,250.97	\$0.1085	15	19,557	\$2,220.41	\$0.1135	15	17,909	\$2,008.27	\$0.1121	15	20,188	\$1,960.63	\$0.0971	15
Residential (Rural-Out - All Electric w/Dm)	ER4	15,440	\$1,760.32	\$0.1140	10	11,785	\$1,348.57	\$0.1144	10	14,123	\$1,565.60	\$0.1109	10	11,484	\$1,131.27	\$0.0985	9
Total Residential (Rural)		1,371,425	\$159,061.37	\$0.1160	1,151	1,529,646	\$173,516.42	\$0.1134	1,150	1,535,193	\$170,789.34	\$0.1112	1,151	1,340,667	\$131,869.79	\$0.0984	1,152
Commercial (1 Ph-In - No Dmd)	EC2	41,306	\$5,937.20	\$0.1437	76	45,976	\$6,511.14	\$0.1416	73	45,106	\$6,274.97	\$0.1391	73	38,742	\$4,511.90	\$0.1165	74
Commercial (1 Ph-Out - No Dmd)	EC2O	11,373	\$1,878.72	\$0.1652	40	13,986	\$2,185.06	\$0.1562	40	14,748	\$2,246.99	\$0.1524	40	12,613	\$1,665.47	\$0.1320	40
Total Commercial (1 Ph) No Dmd		52,679	\$7,815.92	\$0.1484	116	59,962	\$8,696.20	\$0.1450	113	59,854	\$8,521.96	\$0.1424	113	51,355	\$6,177.37	\$0.1203	114
Commercial (1 Ph-In - w/Demand)	EC1	307,175	\$43,257.37	\$0.1408	265	335,728	\$45,919.15	\$0.1368	263	360,372	\$47,972.91	\$0.1331	264	329,663	\$36,106.83	\$0.1095	264
Commercial (1 Ph-Out - w/Demand)	EC1O	33,681	\$4,729.38	\$0.1404	26	37,944	\$5,136.07	\$0.1354	26	41,784	\$5,425.31	\$0.1298	25	36,571	\$3,930.20	\$0.1075	25
Total Commercial (1 Ph) w/Demand		340,856	\$47,986.75	\$0.1408	291	373,672	\$51,055.22	\$0.1366	289	402,156	\$53,398.22	\$0.1328	289	366,234	\$40,037.03	\$0.1093	289
Commercial (3 Ph-Out - No Dmd)	EC4O	13,000	\$1,629.07	\$0.1253	2	3,680	\$483.82	\$0.1315	2	920	\$146.23	\$0.1589	2	0	\$36.00	\$0.0000	2
Total Commercial (3 Ph) No Dmd		13,000	\$1,629.07	\$0.1253	2	3,680	\$483.82	\$0.1315	2	920	\$146.23	\$0.1589	2	0	\$36.00	\$0.0000	2
Commercial (3 Ph-In - w/Demand)	EC3	1,441,090	\$177,112.82	\$0.1229	201	1,415,555	\$171,941.74	\$0.1215	202	1,496,700	\$177,083.58	\$0.1183	203	1,523,802	\$140,831.75	\$0.0924	203
Commercial (3 Ph-Out - w/Demand)	EC3O	316,485	\$39,299.72	\$0.1242	32	258,267	\$32,631.27	\$0.1263	32	243,207	\$29,263.52	\$0.1203	32	203,149	\$19,833.07	\$0.0976	32
Commercial (3 Ph-Out - w/Dmd.&Sub-St)	E3SO	112,640	\$12,946.77	\$0.1149	2	99,960	\$11,629.87	\$0.1163	2	126,080	\$14,058.81	\$0.1115	2	122,120	\$10,469.14	\$0.0857	2
Commercial (3 Ph-In - w/Demand, No Ta)	EC3T	1,720	\$217.00	\$0.1262	1	1,680	\$209.25	\$0.1246	1	1,720	\$209.07	\$0.1216	1	1,880	\$181.30	\$0.0964	1
Total Commercial (3 Ph) w/Demand		1,871,935	\$229,576.31	\$0.1226	236	1,775,462	\$216,412.13	\$0.1219	237	1,867,707	\$220,614.98	\$0.1181	238	1,850,951	\$171,315.26	\$0.0926	238
Large Power (In - w/Dmd & Rct)	EL1	2,336,414	\$234,867.97	\$0.1005	24	2,130,951	\$217,738.62	\$0.1022	24	2,384,166	\$222,962.86	\$0.0935	24	2,177,534	\$182,408.30	\$0.0838	24
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	116,280	\$15,769.19	\$0.1356	2	112,800	\$16,271.65	\$0.1443	2	144,720	\$16,341.57	\$0.1129	2	131,880	\$13,656.03	\$0.1035	2
Large Power (Out - w/Dmd & Rct)	EL1O	67,860	\$8,145.59	\$0.1200	1	73,980	\$8,268.95	\$0.1118	1	75,600	\$8,125.95	\$0.1075	1	67,500	\$6,559.22	\$0.0972	1
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	321,120	\$34,182.86	\$0.1064	2	247,200	\$29,689.86	\$0.1201	2	365,280	\$34,931.58	\$0.0956	2	308,160	\$26,691.09	\$0.0866	2
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	48,010	\$4,564.35	\$0.0951	2	76,411	\$12,654.57	\$0.1656	2	100,243	\$8,296.98	\$0.0828	2	86,908	\$6,367.78	\$0.0733	2
Total Large Power		2,889,684	\$297,529.96	\$0.1030	31	2,641,342	\$284,623.65	\$0.1078	31	3,070,009	\$290,658.94	\$0.0947	31	2,771,982	\$235,682.42	\$0.0850	31
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	2,000,088	\$167,772.33	\$0.0839	2	1,929,342	\$159,002.64	\$0.0824	2	2,148,544	\$170,661.02	\$0.0794	2	1,874,085	\$132,752.83	\$0.0708	2
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	675,253	\$65,680.44	\$0.0973	1	622,773	\$57,971.33	\$0.0931	1	945,406	\$75,862.73	\$0.0802	1	904,991	\$63,892.85	\$0.0706	1
Total Industrial		2,675,341	\$233,452.77	\$0.0873	3	2,552,115	\$216,973.97	\$0.0850	3	3,093,950	\$246,523.75	\$0.0797	3	2,779,076	\$196,645.68	\$0.0708	3
Interdepartmental (In - No Dmd)	ED1	142,015	\$14,340.04	\$0.1010	48	158,448	\$15,737.81	\$0.0993	48	180,191	\$17,500.60	\$0.0971	49	163,603	\$13,602.92	\$0.0831	49
Interdepartmental (Out - No Dmd)	ED1O	0	\$0.00	\$0.0000	1	0	\$0.00	\$0.0000	1	0	\$0.00	\$0.0000	1	0	\$0.00	\$0.0000	1
Interdepartmental (In - w/Dmd)	ED2	298,536	\$29,457.66	\$0.0987	20	339,370	\$32,854.61	\$0.0968	20	385,094	\$36,500.01	\$0.0948	20	349,500	\$28,360.30	\$0.0811	20
Generators (JV2 Power Cost Only)	GJV2	18,361	\$871.96	\$0.0475	1	21,029	\$1,176.57	\$0.0559	1	23,895	\$475.27	\$0.0199	1	20,402	\$578.80	\$0.0284	1
Generators (JV5 Power Cost Only)	GJV5	15,652	\$743.31	\$0.0475	1	18,257	\$1,021.48	\$0.0560	1	20,530	\$408.34	\$0.0199	1	17,579	\$498.72	\$0.0284	1
Total Interdepartmental		474,564	\$45,412.97	\$0.0957	71	537,104	\$50,790.47	\$0.0946	71	609,710	\$54,884.22	\$0.0900	72	551,084	\$43,040.74	\$0.0781	72
SUB-TOTAL CONSUMPTION & DEMAND		12,388,928	\$1,324,102.20	\$0.1069	5,856	12,552,771	\$1,338,094.35	\$0.1066	5,849	13,874,997	\$1,389,898.10	\$0.1002	5,858	12,499,962	\$1,085,909.37	\$0.0869	5,863
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
Total Street Light Only		0	\$14.97	\$0.0000	18	0	\$14.97	\$0.0000	18	0	\$14.97	\$0.0000	18	0	\$14.97	\$0.0000	18
TOTAL CONSUMPTION & DEMAND		12,388,928	\$1,324,117.17	\$0.1069	5,874	12,552,771	\$1,338,109.32	\$0.1066	5,867	13,874,997	\$1,389,913.07	\$0.1002	5,876	12,499,962	\$1,085,924.34	\$0.0869	5,881

BILLING DETERMINANTS for												
JULY, 2013												
2013 - JULY BILLING WITH JUNE 2013 DATA BI												
Class and/or	Rate	May-13	May-13	Cost / kWh	Jun-13	Jun-13	Jun-13	Cost / kWh	Average	TOTAL	TOTAL	Avg.Cost
Schedule	Code	(kWh Usage)	Billed	For Month	# of Bills	(kWh Usage)	Billed	For Month	Bills	KWH USEAGE	BILLING	Per kWh
										PRIOR 12 MO	PRIOR 12 MO	For Period
Residential (Dom-In)	E1	2,097,825	\$219,312.32	\$0.1045	3,325	1,765,993	\$190,084.46	\$0.1076	3,340	28,603,471	\$3,030,797.61	\$0.1060
Residential (Dom-In) w/Ecosmart	E1E	5,729	\$610.25	\$0.1065	11	5,045	\$552.04	\$0.1094	2	15,163	\$1,589.95	\$0.1049
Residential (Dom-In - All Electric)	E2	641,136	\$64,572.38	\$0.1007	615	413,084	\$43,487.63	\$0.1053	615	6,624,803	\$690,101.91	\$0.1042
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	530	\$56.35	\$0.1063	1	553	\$59.28	\$0.1072	0	1,607	\$166.25	\$0.1035
Total Residential (Domestic)		2,745,220	\$284,551.30	\$0.1037	3,952	2,184,675	\$234,183.41	\$0.1072	3,957	35,245,044	\$3,722,655.72	\$0.1056
Residential (Rural-Out)	ER1	719,208	\$79,029.09	\$0.1099	736	602,361	\$68,227.84	\$0.1133	737	9,214,813	\$1,032,186.53	\$0.1120
Residential (Rural-Out) w/Ecosmart	ER1E	2,425	\$281.94	\$0.1163	4	2,177	\$260.10	\$0.1195	1	7,078	\$804.61	\$0.1137
Residential (Rural-Out - All Electric)	ER2	498,799	\$53,592.14	\$0.1074	387	389,087	\$43,185.77	\$0.1110	389	5,829,636	\$643,476.58	\$0.1104
Res. (Rural-Out - All Electric) w/Ecosmart	ER2E	2,457	\$264.95	\$0.1078	2	1,394	\$160.85	\$0.1154	0	6,620	\$694.55	\$0.1049
Residential (Rural-Out w/Dmd)	ER3	17,927	\$1,935.64	\$0.1080	15	20,251	\$2,193.46	\$0.1083	15	371,181	\$40,902.99	\$0.1102
Residential (Rural-Out - All Electric w/Drr)	ER4	10,191	\$1,105.78	\$0.1085	9	8,961	\$995.26	\$0.1111	9	163,711	\$18,045.79	\$0.1102
Total Residential (Rural)		1,251,007	\$136,209.54	\$0.1089	1,153	1,024,231	\$115,023.28	\$0.1123	1,151	15,593,039	\$1,736,111.05	\$0.1113
Commercial (1 Ph-In - No Dmd)	EC2	39,977	\$5,341.20	\$0.1336	73	38,351	\$5,151.02	\$0.1343	73	476,117	\$64,879.86	\$0.1363
Commercial (1 Ph-Out - No Dmd)	EC2O	12,208	\$1,840.55	\$0.1508	40	11,514	\$1,765.50	\$0.1533	40	146,407	\$22,524.19	\$0.1538
Total Commercial (1 Ph) No Dmd		52,185	\$7,181.75	\$0.1376	113	49,865	\$6,916.52	\$0.1387	113	622,524	\$87,404.05	\$0.1404
Commercial (1 Ph-In - w/Demand)	EC1	336,852	\$42,423.48	\$0.1259	265	299,825	\$39,112.08	\$0.1304	264	4,192,573	\$542,713.52	\$0.1294
Commercial (1 Ph-Out - w/Demand)	EC1O	38,246	\$4,721.23	\$0.1234	25	32,186	\$4,099.52	\$0.1274	25	425,165	\$54,969.72	\$0.1293
Total Commercial (1 Ph) w/Demand		375,098	\$47,144.71	\$0.1257	290	332,011	\$43,211.60	\$0.1302	289	4,617,738	\$597,683.24	\$0.1294
Commercial (3 Ph-Out - No Dmd)	EC4O	0	\$36.00	\$0.0000	2	40	\$40.46	\$1.0115	2	20,560	\$2,962.28	\$0.1441
Total Commercial (3 Ph) No Dmd		0	\$36.00	\$0.0000	2	40	\$40.46	\$1.0115	2	20,560	\$2,962.28	\$0.1441
Commercial (3 Ph-In - w/Demand)	EC3	1,419,100	\$158,157.82	\$0.1114	205	1,457,724	\$162,428.10	\$0.1114	201	18,859,957	\$2,123,005.77	\$0.1126
Commercial (3 Ph-Out - w/Demand)	EC3O	186,793	\$22,279.26	\$0.1193	32	177,589	\$21,198.29	\$0.1194	32	3,108,275	\$362,774.36	\$0.1167
Commercial (3 Ph-Out - w/Dmd.&Sub-St)	E3SO	120,320	\$12,405.22	\$0.1031	2	113,360	\$11,819.71	\$0.1043	2	1,423,240	\$150,444.65	\$0.1057
Commercial (3 Ph-In - w/Demand, No Ta)	EC3T	1,720	\$199.71	\$0.1161	1	1,680	\$195.58	\$0.1164	1	31,280	\$3,534.53	\$0.1130
Total Commercial (3 Ph) w/Demand		1,727,933	\$193,042.01	\$0.1117	240	1,750,353	\$195,641.68	\$0.1118	236	23,422,752	\$2,639,759.31	\$0.1127
Large Power (In - w/Dmd & Rct)	EL1	2,404,599	\$217,506.43	\$0.0905	24	2,366,148	\$220,686.44	\$0.0933	24	34,883,135	\$3,160,099.23	\$0.0906
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	132,600	\$16,765.37	\$0.1264	2	153,120	\$20,722.60	\$0.1353	2	1,164,240	\$145,353.51	\$0.1248
Large Power (Out - w/Dmd & Rct)	EL1O	71,460	\$7,531.24	\$0.1054	1	63,000	\$7,341.06	\$0.1165	1	928,980	\$101,374.01	\$0.1091
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	318,720	\$30,410.72	\$0.0954	2	336,240	\$33,310.20	\$0.0991	2	4,294,080	\$417,536.01	\$0.0972
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	90,318	\$7,414.58	\$0.0821	2	82,656	\$10,416.43	\$0.1260	2	870,486	\$109,887.83	\$0.1262
Total Large Power		3,017,697	\$279,628.34	\$0.0927	31	3,001,164	\$292,476.73	\$0.0975	31	42,140,921	\$3,934,250.59	\$0.0934
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1,831,272	\$143,570.51	\$0.0784	2	1,934,737	\$150,696.77	\$0.0779	1	19,694,021	\$1,552,909.21	\$0.0789
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	946,167	\$73,216.13	\$0.0774	1	1,023,891	\$79,602.02	\$0.0777	1	9,507,295	\$791,274.39	\$0.0832
Total Industrial		2,777,439	\$216,786.64	\$0.0781	3	2,958,628	\$230,298.79	\$0.0778	2	29,201,316	\$2,344,183.60	\$0.0803
Interdepartmental (In - No Dmd)	ED1	146,880	\$13,667.99	\$0.0931	49	107,189	\$10,148.70	\$0.0947	49	1,446,699	\$138,509.55	\$0.0957
Interdepartmental (Out - No Dmd)	ED1O	125	\$11.64	\$0.0931	1	0	\$0.00	\$0.0000	1	154	\$14.73	\$0.0956
Interdepartmental (In - w/Dmd)	ED2	343,092	\$31,180.79	\$0.0909	20	256,556	\$23,611.11	\$0.0920	20	3,569,984	\$334,186.76	\$0.0936
Generators (JV2 Power Cost Only)	GJV2	19,246	\$807.18	\$0.0419	1	6,054	\$226.60	\$0.0374	1	217,697	\$6,846.26	\$0.0314
Generators (JV5 Power Cost Only)	GJV5	16,701	\$700.44	\$0.0419	1	13,337	\$499.20	\$0.0374	1	173,796	\$5,668.40	\$0.0326
Total Interdepartmental		526,044	\$46,368.04	\$0.0881	72	383,136	\$34,485.61	\$0.0900	72	5,408,330	\$485,225.70	\$0.0897
SUB-TOTAL CONSUMPTION & DEMAND		12,472,623	\$1,210,948.33	\$0.0971	5,856	11,684,103	\$1,152,278.08	\$0.0986	5,853	156,272,224	\$15,550,235.54	\$0.0995
Street Lights (In)	SLO	0	\$14.20	\$0.0000	16	0	\$14.20	\$0.0000	16	0	\$170.40	\$0.0000
Street Lights (Out)	SLOO	0	\$0.77	\$0.0000	2	0	\$0.77	\$0.0000	2	0	\$8.47	\$0.0000
Total Street Light Only		0	\$14.97	\$0.0000	18	0	\$14.97	\$0.0000	18	0	\$178.87	\$0.0000
TOTAL CONSUMPTION & DEMAND		12,472,623	\$1,210,963.30	\$0.0971	5,874	11,684,103	\$1,152,293.05	\$0.0986	5,871	156,272,224	\$15,550,414.41	\$0.0995

Power (Energy) Cost Factor - History



Demand Cost Factor - History



RATE REVIEW COMPARISONS

2013 JULY - BILLING DETERMINATES - RATE COMPARISONS TO PRIOR PERIODS															
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>					
	Service	Service	July	June	July	Service	Service	July	June	July					
<u>Customer Type</u>	<u>Usage</u>	<u>Units</u>	<u>2013 Rate</u>	<u>2013 Rate</u>	<u>2012 Rate</u>	<u>Usage</u>	<u>Units</u>	<u>2013 Rate</u>	<u>2013 Rate</u>	<u>2012 Rate</u>					
<i>Customer Type -></i>						<i>RESIDENTIAL USER - (w/Gas Heat)</i>					<i>RESIDENTIAL USER - (All Electric)</i>				
Electric Customer Charge			\$6.00	\$6.00	\$6.00			\$6.00	\$6.00	\$6.00					
Distribution			\$16.53	\$16.53	\$16.53			\$33.39	\$33.39	\$33.39					
Demand															
Generation	978	kWh	\$80.02	\$73.14	\$85.67	1,976	kWh	\$161.68	\$147.79	\$173.10					
kWH Tax- Level 1			\$4.55	\$4.55	\$4.55			\$9.19	\$9.19	\$9.19					
kWH Tax- Level 2															
kWH Tax- Level 3															
Total Electric			\$107.10	\$100.22	\$112.75			\$210.26	\$196.37	\$221.68					
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					
Sub-Other Services			\$121.65	\$121.65	\$119.79			\$167.35	\$167.35	\$164.03					
Total Billing - All Services			\$228.75	\$221.87	\$232.54			\$377.61	\$363.72	\$385.71					
<i>Verification Totals-></i>			\$228.75	\$221.87	\$232.54			\$377.61	\$363.72	\$385.71					
				<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				\$6.88	-\$3.79				\$13.89	-\$8.10					
% Inc/Dec(-) to Prior Periods				3.10%	-1.63%				3.82%	-2.10%					
=====															
Cost/kWH - Electric	978	kWh	\$0.10951	\$0.10247	\$0.11529	1,976	kWh	\$0.10641	\$0.09938	\$0.11219					
% Inc/Dec(-) to Prior Periods				6.87%	-5.01%				7.07%	-5.15%					
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>															
<i>(One "1" Unit of Water CCF "Hundred Cubic Foot" = 748 Gallons)</i>															

RATE REVIEW COMPARISONS											
2013 JULY - BILLING DE											
Rate Comparisons to Prior Mo											
			<i>Current</i>	<i>Prior Month</i>	<i>Prior Year</i>			<i>Current</i>	<i>Prior Month</i>	<i>Prior Year</i>	
	Service	Service	July	June	July		Service	Service	July	June	
<u>Customer Type</u>	<u>Usage</u>	<u>Units</u>	<u>2013 Rate</u>	<u>2013 Rate</u>	<u>2012 Rate</u>		<u>Usage</u>	<u>Units</u>	<u>2013 Rate</u>	<u>2013 Rate</u>	<u>2012 Rate</u>
<i>Customer Type -></i>	COMMERCIAL USER - (3 Phase w/Demand)					INDUSTRIAL USER - (3 Phase w/Demand)					
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/Dmd				1510.1	kW/Dmd	\$17,577.85	\$17,366.86	\$15,837.20	
Generation	7,040	kWh	\$721.67	\$625.43	\$766.16	866,108	kWh	\$42,374.35	\$38,367.30	\$49,006.15	
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	
Total Electric			\$862.99	\$766.75	\$907.48			\$70,484.86	\$66,266.82	\$75,376.01	
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	
Sub-Other Services			\$279.51	\$279.51	\$273.11			\$3,115.45	\$3,115.45	\$3,039.55	
Total Billing - All Services			\$1,142.50	\$1,046.26	\$1,180.59			\$73,600.31	\$69,382.27	\$78,415.56	
<i>Verification Totals-></i>			\$1,142.50	\$1,046.26	\$1,180.59			\$73,600.31	\$69,382.27	\$78,415.56	
				<u>Cr.Mo to Pr.Mo</u>	<u>Cr.Yr to Pr.Yr</u>				<u>Cr.Mo to Pr.Mo</u>	<u>Cr.Yr to Pr.Yr</u>	
Dollar Chg.to Prior Periods				\$96.24	-\$38.09				\$4,218.04	-\$4,815.25	
% Inc/Dec(-) to Prior Periods				9.20%	-3.23%				6.08%	-6.14%	
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	
Cost/kWH - Electric	7,040	kWh	\$0.12258	\$0.10891	\$0.12890	866,108	kWh	\$0.08138	\$0.07651	\$0.08703	
% Inc/Dec(-) to Prior Periods				12.55%	-4.90%				6.37%	-6.49%	
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>											
<i>(One "1" Unit of Water CCF "Hu.</i>											

City of Napoleon, Ohio - Rev. 6-27-2013

Customers Signed Up For ECOSMART

Service Address	ECOSMART %	Electric Rate	Average Monthly Kwh	Average Monthly \$ @ \$0.007/kWh
909 LYNNE AVE	100%	E1E	364	\$ 2.55
966 CLAIRMONT AVE	100%	E1E	378	\$ 2.65
1045 HIGHLAND AVE	50%	E1E	463	\$ 1.62
1365 RICHMAR LN	100%	E1E	524	\$ 3.67
818 MAPLE ST	50%	E1E	408	\$ 1.43
820 MAPLE ST	50%	E1E	450	\$ 1.58
125 ORCHARD LN	50%	E1E	440	\$ 1.54
212 THOMAS AVE	100%	E1E	929	\$ 6.50
16602 COUNTY ROAD P1	50%	ER1E	439	\$ 1.54
S419 COUNTY ROAD 18	100%	ER1E	904	\$ 6.33
T138 COUNTY ROAD 15	50%	ER1E	477	\$ 1.67
V432 COUNTY ROAD 15	100%	ER1E	357	\$ 2.50
V405 STATE ROUTE 108	100%	ER2E	605	\$ 4.24
381 INDEPENDENCE CT	100%	E1E	370	\$ 2.59
13708 COUNTY ROAD T1	50%	ER2E	789	\$ 2.76
742 STRONG ST	50%	E2E	553	\$ 1.94
303 SHEFFIELD AVE	50%	E1E	447	\$ 1.56
818 PARK ST	100%	E1E	272	\$ 1.90
Total			9169	\$ 48.55

City of Napoleon, Ohio

WATER, SEWER, REFUSE, RECYCLING & LITTER COMMITTEE

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

Meeting Agenda

Monday, July 8, 2013 at 7:00 PM

- I. **Approval of Minutes** *(In the Absence of any Objections or Corrections, the Minutes Shall Stand Approved)*
- II. Sewer Insurance
- III. Sewer Assessment
- IV. Sewer Ownership
- V. Any Other Matters Currently Assigned To Committee

Gregory J. Heath, Finance Director/Clerk of Council

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

Meeting Minutes

Monday, June 10, 2013 at 6:30 PM

PRESENT	
Water, Sewer Committee	Jeffrey Lankenau - Chair, Patrick McColley, Chris Ridley
City Staff	Ronald A. Behm, Mayor Dr. Jon A. Bisher, City Manager Dennis Clapp, Electric Superintendent Roxanne Dietrich, Executive Assistant Trevor Hayberger, Law Director Gregory J. Heath, Finance Director/Clerk of Council Scott Hoover, Water Plant Superintendent Chad Lulfs, City Engineer Jeff Rathge, Operations Superintendent
Recorder	Barbara Nelson
Others	News Media, Jim Hershberger, John Helberg, Jeff Marihugh, Mike DeWit
ABSENT	None
Call To Order	Chairperson Lankenau called the meeting to order at 7:30 PM.
Approval Of Minutes	The March 11 meeting minutes stand approved as presented with no objections or corrections.
Discussion On How To Handle Sanitary Sewer Leads On Upcoming Projects	<p>Lulfs said the City currently replaces the sanitary sewer main and existing laterals to the right of way line on new projects. Developers put utilities in before the street is dedicated to the City, including laterals. Bisher said if someone has to replace laterals they have to go to the main. This may be on the other side of the street. If a resident has a break, it is at their cost to dig up the street. When we redo sewers on big projects, it is because the sewer has reached the end of its useful life. If a lateral is broken, then it goes back to the homeowner to pay. Lankenau said the concern is that we pay with road projects, but not for a resident who has one break at the wrong time.</p> <p>Heath said a big issue is how deep it is. This is an assessment question that becomes a question for all future projects. Avon St. sewer is 25' deep and if a lateral goes bad, the homeowner will pay for the cost to dig 25'. Lankenau said he doesn't want to take on the expense of resident breaks. We are trying to cut the budget back, not add expense. He also doesn't want to pass the cost of a new line to residents when the line hasn't broken. He is ok with the status quo. Ridley said he is torn because the homeowner should only be responsible up to the property line, but he doesn't know that we can afford to change it now. McColley said this could be an insurance thing where everyone can opt in or opt out. Bisher said insurance is not a bad idea, but implementing it won't be easy. McColley would like to give the insurance thing as an option. It is the city's problem going into the main and the citizen's problem if their sewage can't get out.</p> <p>Marihugh said many people are not charged for replacing because the City Y is cracked. Their leaking laterals probably caused excess weight on the city T, but how do you prove it? Ohio/Indiana Street line was just replaced. Sewer taps were</p>

in backyards. The City approved of this location when the developer submitted it. If the City changes its mind about the location, why is it the homeowners' responsibility? Lankenau said we are not changing our mind. This has been the policy for a long time. Marihugh asked if citizens do what the City says, shouldn't the City accommodate them? In areas where they paid a tap fee and the City changes its mind and moves the main, why is it the homeowner's fault or why are homeowners liable? Lulfs said owners paid to connect to the new tap at their cost on E. Maumee, Strong St. and Ohio St. We have done this the same way for the last seven years. Lankenau said there are many scenarios. We can look at them on a case by case basis, but we have been fairly consistent in the last half decade or so. McColley said the biggest thing is consistency. Heath said assessments have not been consistent. We assessed the south side and all of the projects up to Main, Welsted and Vine in 2003. Washington, Woodlawn and Clairmont were not assessed. Lankenau said this is not on our agenda. DeWit said we don't assess because we would never get the sewers built.

Ridley asked if there is a way to provide service to the main at a cost that is neutral to the City through an insurance opt-in. McColley asked how many breaks like this happen a year. Lulfs said 4-8. If the City pays for this, the number of taps will quadruple. People maintain their taps now by augering. Lankenau suggested that the Committee ask the Council President to refer the insurance issue out to Committee. No action taken.

Water Plant

Bisher said there have been many working meetings to see about different ways to do the water plant. The Mayor and Councilors McColley and Helberg attended group meetings for about a year. President Helberg felt this should be put in a public forum. We have to start making decisions as to whether to have a coalition for this. Members would build the plant, operate it and buy water from it. Consortium members would be the County Water/Sewer District, Liberty Center and Napoleon. Other villages like Malinta may join. Florida may join the County District before it is done. The concept is however many entities come together and build the plant, we all price the water out equally. The advantage is an approximate \$22,000,000 cost with 1/3 grants is \$16,000,000 for us. The main water tower maintenance was estimated at \$800,000 several years ago and would be a \$1,000,000 project now. Council said we don't have the money to do it. That water tower provides pressure support for the district and would be part of the project. Our intake and raw water line to Wauseon would not be part of it. We anticipate that the coalition would contract with us to operate the plant for an initial period of time because we have the operators. Discussions have gone well.

One downside is we traditionally use water as an annexation tool. We charge people living outside City limits 50% more and give a discount if they annex. We shut them off or increase the markup if they don't annex. Without this water differential, people won't volunteer to annex.

One positive is we can stabilize our water rates for a very long period of time. The mechanism to pay for the plant is a 40-year USDA loan at a 3% - 3-1/2% rate. The 1/3 grant and mechanism to pay the loan will be property tax assessment. Everyone assesses their customers at the same time. Debt service will not be on the bill itself. It will be on residents' taxes for over 40 years at a very low cost.

Lankenau asked if we can get the USDA loan ourselves. Bisher said the advantage is the low & moderate income portion determines the grant portion. We

will have more of that level income with other communities in there. The coalition is very sellable to the USDA. They brought a team of 3 people and were interested in the project because of the coalition. The property tax will be per user, not per acre. A new house would be incorporated by the tap fee. The coalition will run the plant through a contract with the City. We are about 80% of the usage. There are 5 members and we would get 1 vote. McColley said this is set up like AMP. We want to make the cheapest and best water. Controlwise, the key is that City people are still running the plant. Bisher said in 25 years, we may only be 40% of the usage. That is why the senatorial model was proposed instead of the congressional model. Others may join this water district as it moves forward.

Ridley asked if portions of the cost are divided equally. Bisher said Napoleon will pay their assessed cost. Ridley said if each entity has an equal vote, each should pay the equal amount, but we will pay a lot more. McColley said the debt is per individual. Lankenau said if we have 80% of the users, we will pay 80% of the debt. McColley said a Napoleon person will pay the same amount as a person in Liberty Center. Heath said this has not been addressed. We will be responsible for our own assessments. We are the big stakeholder. The consortium may not be able to hold the debt. This was tried elsewhere and they didn't have a structure and the bond people had some issues with that. The USDA issues the debt in the name of the consortium.

Bisher said the structure is similar to AMP holding debt for gas projects but they use tax exempt financing because of contractual arrangements with each community for the total project. The consortium would have a contractual arrangement with each entity to generate this amount of income. We assess on that amount. The USDA says the land won't disappear and that's the security on the debt. He is not sure that assessments for Napoleon won't be different from Liberty Center or the county. Everyone is paying for their customers. Operational costs for the plant will all look the same. McColley said we all pay the same for generation but there will be different distribution costs. Hamler and Neapolis may be interested in joining the County Water/Sewer District which would lower our cost. Bisher said if they don't pay initially, they would pay a development fee later. We would insist on doing that by numbers, not just 1/3. This would go to the operational cost. We can stabilize the cost now and in the future with this money. We still have capital costs on the distribution system. Once a USDA loan is closed, you can't pay it down faster.

DeWit said we are paying 80% and have the Wauseon line and intake worth about \$10,000,000. It is problematic that we have 80% of the value and only 1 vote. Mayor Behm said we didn't start there. Liberty Center is trying to find another means. If we lose them, we will pay more. McColley said the Water/Sewer District is also looking at going to Bowling Green. We can lose or gain customers. If we gain, costs go down. Marihugh asked where the Water/Sewer District will get money to do this with just a few customers. Bisher said they have 300 more customers because of McClure. Bowling Green made an offer and they looked at it. They would have trouble financing a plant, but wouldn't have to be as big. Marihugh said the county does not have overhead storage and we supply the pressure to the line by contract. If they become a shareholder, will they still want us to supply pressure mechanisms? McColley said there would be a small transmission fee, but the water tower goes to them. Bisher said they would own the north tower and we would own the south tower.

Marihugh asked if we are part of the coalition and also run the plant, who takes care of a water quality problem? Who is responsible if the EPA cites us? Would there be a dispute resolution board to take care of that? What is the mechanism? Bisher said it would be no different than arguing with Liberty Center. We would be on both sides. Marihugh said we have no control once their water goes into storage on how it is treated. A good portion of the problem is water aging. We have no control of what product comes out of the coalition's plant. Bisher said there could be issues as the water goes to Liberty Center, Texas, etc. Reverse osmosis will take care of some of that. We haven't looked at the contract for plant operation, but will need dispute resolution in there.

DeWit asked if we will have 80% of the liability. Bisher said 20% with one vote. Marihugh said we have control over operation. If there is a quality problem, we get a double whammy for the risk we are taking. DeWit said there is no way the City can enter into a water contract saying we guarantee water in Liberty Center. Bisher said those folks are under findings and orders. The EPA is requiring those systems to be put in now. We've done a lot of meetings to see if this is feasible. A contract would need to be approved by Committee and Council. Council President Helberg wanted to get this in the public forum so citizens can ask questions. We need to talk about good and bad sides. It is a slow & cumbersome process. Lankenau said some questions are premature. We are not that far into the discussion.

Bisher said we are running our water plant on a shoestring. The coalition committee wants to wait on the issues. We have to move it forward. Water plant staff put in a lot of extra hours. Water quality right now is not good. Scott Hoover said it is the worst water he's ever had. The pilot plant is running and working. We have good data on this bad raw water. We can't make our current plant produce water forever. The new plant needs to be under construction in 2015 and operating in 2016. Hayberger has a contract to look at. Heath said Council as a whole needs to make the decision about the proportional share. They may want it as a percentage instead.

DeWit asked if this can be done by agreement or if it goes to voters. Heath said the Water/Sewer District can assess and we can assess. DeWit said he doesn't want to stack the cards, then find out someone doesn't want to play. Liberty Center and McClure don't have the money. Heath said we may not get an agreement with the USDA without their concurrence. DeWit said once the plant is built, it's here. Heath said this could be the whole customer base for almost all of Henry County. Marihugh asked who made the decision to build new instead of rehabbing the old plant. Bisher said we looked at buying water, building new, rehabbing, and decided to build new. The cost to rehab was close to \$14,000,000 or \$15,000,000. We would end up with a lime plant instead of reverse osmosis, plus there was the problem of how to rehab while making water at the same time. Marihugh asked if this was done by motion. Bisher said he was not sure. Marihugh said if it was not, it should be.

Ridley asked the estimates for the new plant with the consortium and without the consortium. Bisher said we might get a 25% loan ourselves. It is easier to sell with a larger body and multiple jurisdictions. We would get some grants. If we own the plant, our contracts will probably not renew at the 50% surcharge. We have to be careful about being colloquial with less than 10,000 people. The

USDA requirements take more people than less. The EPA has fewer people working and wants to go to a few big plants instead of a lot of little ones. Bisher estimated it would cost \$3,000,000-\$4,000,000 more to build the plant without the consortium, but wonders how we could pay for it without our customers. DeWit said no one can provide water cheaper than us due to proximity. Bisher said they could buy from Delta.

Motion To Agree With Consortium Concept

Motion: McColley Second: Ridley
To agree in concept with a plant that is a consortium with our neighbors

Passed
Yea-3
Nay-

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

Motion To Adjourn

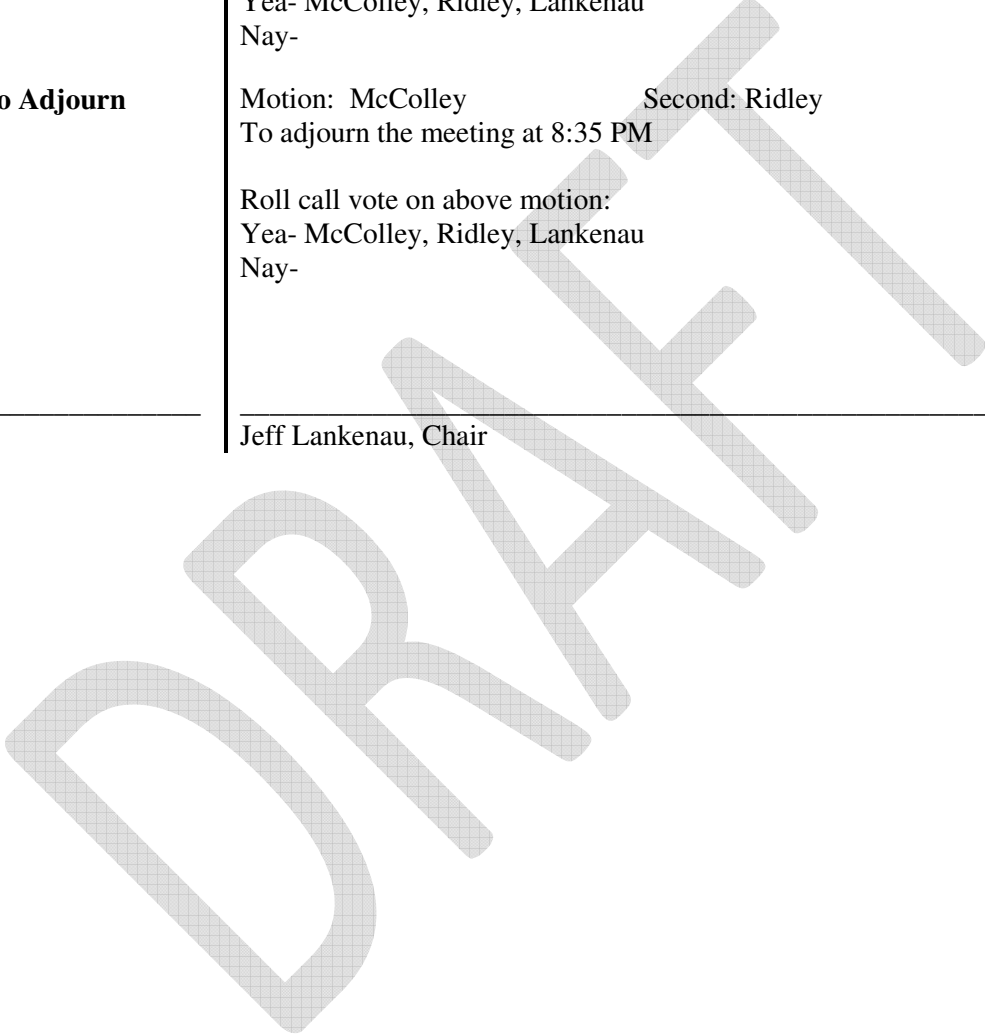
Motion: McColley Second: Ridley
To adjourn the meeting at 8:35 PM

Passed
Yea-3
Nay-0

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

Date

Jeff Lankenau, Chair



City of Napoleon, Ohio

BOARD OF PUBLIC AFFAIRS (BOPA)

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

Meeting Agenda

Monday, July 8, 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 July:
Generation Charge: Residential @ \$.08182; Commercial @ \$.10251;
Large Power @ \$.05150; Industrial @ \$.05150; Demand Charge Large
Power @ \$13.33; Industrial @ \$14.08; JV Purchased Cost: JV2 @
\$.02895; JV5 @ \$.02895
- III. Electric Department Report
- IV. Solar Acquisition of Additional Solar Power
- V. Electric Rate Stabilization from AMP
- VI. Sewer Insurance
- VII. Sewer Assessment
- VIII. Sewer Ownership
- IX. Any Other Items to Come Before the Board

Gregory J. Heath, Finance Director/Clerk of Council

City of Napoleon, Ohio
BOARD OF PUBLIC AFFAIRS (BOPA)

Meeting Minutes

Monday, June 10, 2013 at 6:30 PM

PRESENT	
BOPA Members	Keith Engler – Chair, Mike DeWit, Dr. David Cordes
Electric Committee	Travis Sheaffer – Chair (arrived at 6:32), Patrick McColley, Jason Maassel
Water, Sewer Committee	Jeffrey Lankenau - Chair, Patrick McColley, Chris Ridley
City Staff	Ronald A. Behm, Mayor Dr. Jon A. Bisher, City Manager Dennis Clapp, Electric Superintendent Roxanne Dietrich, Executive Assistant Trevor Hayberger, Law Director Gregory J. Heath, Finance Director/Clerk of Council Scott Hoover, Water Plant Superintendent Chad Lulfs, City Engineer Jeff Rathge, Operations Superintendent
Recorder	Barbara Nelson
Others	News Media, Jim Hershberger, John Helberg, Jeff Marihugh
ABSENT	
	None
Call To Order	Chairperson Engler called the meeting to order at 6:30 PM.
Approval Of Minutes	The May 20 meeting minutes stand approved as presented with no objections.
Billing Determinants	The electric billing determinants for June were presented for review.
Motion To Recommend Approval Of Electric Billing Determinants	Motion: DeWit Second: Cordes To recommend approval of electric billing determinants for June 2013 as follows: Generation Charge: Residential @ \$.07479; Commercial @ \$.08884; Large Power @ \$.04663; Industrial @ \$.04663; Demand Charge Large Power @ \$13.17; Industrial @ \$15.11; JV Purchased Cost: JV2 @ \$.03743; JV5 @ \$.03743
Passed	Roll call vote on above motion:
Yea-3	Yea- DeWit, Engler, Cordes
Nay-0	Nay-
Electric Department Report	(Sheaffer arrived.) Clapp gave the Electric Department Report (attached). He noted that the Solar Electric Power Association recognized Napoleon as 9 th in the nation with 180.1 solar watts per customer. St. Marys was #1. They didn't have any solar, but bought 2 megs from us.
Utility Bill Assistance	Heath said some AMP member cities do programs where they set aside money or identify sources of funding to assist economically distressed individuals in paying their utility bills. Oberlin's care program summary was included in the packet. Requests for assistance are up considerably. Various agencies run into times where they don't have sufficient funding to meet needs. Oberlin created a Caring Fund and contracts with an outside agency to administer it. Funding comes from a rounding program. If a utility bill is \$100.50, the program would round it up to

\$101.00 and set \$.50 into the caring fund program. This is voluntary. Oberlin did an opt-out program, assuming customers were in unless they opted out. Heath doesn't recommend that.

We can let another entity like Northwest Ohio Community Action Commission (NOCAC) determine who is eligible and how much assistance they receive. The program is monitored so it is not abused. There are maximum dollar amounts and a maximum number of times someone can use it. If a bill was \$100.01, \$.99 would go to the care fund. If the bill was \$100.99, the fund would get \$.01. Heath gave an example with 6,000 customers @ 10% participation @ \$.50 each, the program would gain about \$300 per month or \$3,600 per year. Actual collection is dependent on the number of customers that actually sign up.

Engler asked if this money would only be used for Napoleon bills. Heath said we would only fund customers of the City. There is a sample agreement in the packet. Cordes asked about admin costs. Heath said there would be no additional costs except forms for sign-ups. We can do the program with current personnel. DeWit suggested doing the program in winter. A majority of issues occur from November to February. We can't shut people off when it's freezing. Heath said any restrictions placed on fund distribution would be part of the NOCAC agreement. We are doing an upgrade to our system now and could incorporate in this change. He talked to NOCAC two years ago and they were able to handle it at that time. They would present a list of individuals and a dollar amount. We would move funds out of our trust into their distribution system. This would be for the total City bill. The bill would have a line showing the standard amount and the opt-in amount. Customers can opt-in and opt-out each month, like the EcoSmart program.

Motion To Move Forward With Program

Motion: DeWit Second: Cordes
To recommend moving forward with the utility bill assistance program

Passed
Yea-3
Nay-0

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

Review Of Electric Rate Stabilization

Bisher said it is projected that 2014 and 2015 electric rates will be lower than they are now, and 2016 rates will go above where they are now. He believes it would be wise to do a rate stabilization program where we don't lower rates for the next 2 years so that when rates jump up in 2016, we have the money to step it up. This would help businesses and individual budgets. We are talking wholesale rates. We can have AMP come in and do projections for rate stabilization for 4-5 years. Sheaffer asked if AMP would design the program and put it in our savings account. DeWit said they would keep the interest for us. Sheaffer said he would feel better if we had the money instead of them. Is there a charge for this service? Bisher said cities usually do this when rates have jumped up and they borrow to keep costs down. He would like to do it the other way so we have a smooth transition. McColley asked the advantages of going to AMP opposed to us doing it ourselves. Bisher said AMP doesn't care either way. Sheaffer said he trusts Heath to do this more than AMP. Heath said he is not sure how this works. He would have to review it. The real issue is how it is incorporated. Cordes asked if we would let people know if it is incorporated at the City level. Heath said we would let people know whatever level. Cordes asked if this would be line itemized. Heath said it would be in the billing determinants. DeWit said the

problem is how to get money in there and how to get it out. We don't get it back at the same rate if we are not using power at the same rate. Engler suggested having AMP do their presentation, then make a decision. Heath said the questions are: How much will rates go up? Do we want to buffer it? How long do we buffer it for?

Motion To Look At Rate Stabilization From AMP

Motion: Cordes Second: DeWit
To recommend looking at rate stabilization from AMP

Passed
Yea-3
Nay-0

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

Solar Acquisition Of Additional Solar Power

Bisher said Phase I Solar has 3 participants: Waynesfield, St. Marys, and Napoleon. St. Marys has the lion's share and would like to do another solar project and put it behind their meter. We could consider one-half to one more meg. We could tell St. Marys: If you want to build 2 megs behind the meter, we'll take 1 meg of ours back; and we'll have 2 megs instead of 1; and we'll know the price. They pay us for negative power because the REC cost is greater than the generation cost. We will fix that price at about 6-1/2 cents to pay off our debt service quicker. Once the debt service is paid off, we will have 2 cent power. If we go to a different solar project, we have to start over with selling RECs. There's no guarantee REC prices will stay as good as now. There are no personnel costs for solar except spraying weeds. We are getting good production. DeWit asked how far we sell off RECs into the future. Bisher said some went for above \$150 for 1 year and some at \$45-50 for 10 years. If we don't sell all of them and someone comes up short, we can sell them back. The rule is you must have 20% green power by 2020 and a certain % must be RECs from Ohio.

Motion To Adjourn

Motion: DeWit Second: Cordes
To adjourn the meeting at 7:28 pm

Passed
Yea-3
Nay-0

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

Date

Keith Engler, Chair

City of Napoleon, Ohio

HEALTH CARE COST COMMITTEE

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

Meeting Agenda

Monday, July 8, 2013 at 8:30 AM

- I. Approval of Minutes from June 17 (In the absence of any objections or corrections, the minutes shall stand approved.)
- II. Changes to Health Care Options for 2014
- III. Any Other Matters to Come Before the Committee

Gregory J. Heath, Finance Director/Clerk of Council

HEALTH CARE COST COMMITTEE

Meeting Minutes

Monday, June 17, 2013 at 8:30 AM

PRESENT

Commission Members

Mike Foreman (PD) - Chair, Mary Thomas (NB), Leonard Durham (AFSCME), Jon Bisher (AD), Christine Peddicord (AD sub), Ryan Hennessey (Fire sub)

**Recorder
City Staff**

Barbara Nelson
Chief Bob Bennett, Fire Chief
Robert Weitzel, Police Chief

ABSENT

Jamie Mendez (PD), Chad Lulfs (NB), Eric Rohrs (Fire), Joel Frey (Fire), Roger Eis (AFSCME), Greg Heath (AD)

Call To Order

Chairperson Foreman called the meeting to order at 8:30 AM.

Approval Of Minutes

Minutes from the September 14, 2012, meeting stand approved.

**Changes To Health Care
Options For 2014**

Bisher thought someone from Huntington would be here today. Foreman said they will be here Wednesday to talk with Greg Heath. Bisher said the City already made changes to comply with the Affordable Health Care Act by reducing part-time people to 30 hours or less per week. The Judge comes to Council tonight about how she will handle this. We are within 90 days of starting negotiations. It would be good to know what the health care package will look like before negotiations start. He would like to take a proposal to Council as negotiations begin.

Foreman said some things were agreed on last year and will be implemented this year. Thomas said employee premium cost will go up to 15% (2-1/2% more than last year) and employees will pay half of the deductible. Bisher said Council wants to talk about a Health Savings Account (HSA) program similar to the County's. It would not be mandatory, but available. Two advantages to HSA would be:

1. Council will make a contribution to the account; and
2. The money carries forward, doesn't disappear at the end of the year, and goes with you if you leave. It is tax-free money in your personal HSA bank account.

Foreman noted that the county's HSA family plan annual deductible is \$5,400. The county gives employees \$2,000 toward their HSAs, but employees must come up with the difference of \$3,400. The single plan deductible was \$3,400 and those employees got \$1,500. HSAs have a very high deductible.

Bisher said he believes Council would add the HSA option to the current plan option. Younger employees like firefighter/paramedics, who are highly trained and can go anywhere, probably won't stay here for 30 years. They may choose the HSA in order to take their money with them if they go elsewhere. Thomas said employees' 15% portion of the premium is pretax money.

Bennett said families with high medical expenses would have a \$3,400 pay cut with the HSA. Bisher said the HSA plan will not be mandatory. He believes Council will still support the current plan, but premiums will go higher and employees will pay a bigger share of the deductible. Foreman asked if the money Council contributes to the HSA must be claimed as income. Peddicord believes the money is considered deferred and employees do not pay taxes on it.

Durham said not having to pay 15% of the premium might be an incentive for employees to take the HSA. Bisher said we have to check tax law to see if that would be considered a benefit. HSA's have high deductibles, so 15% of the HSA premium would be much less than 15% of the conventional plan premium. Durham said if an employee is going from a \$10,000 premium to a \$5,000 premium, why not say the employee doesn't have to pay any of the \$5,000? Bisher said he is not sure this would meet the tax code. HSA is a system where the employer contributes into your account instead of charging you something different for a premium. This is a question for the Huntington people.

Durham said if Council takes out the amount the employee is responsible for paying, the HSA may be worth it. Foreman said the City could offer the HSA for five years where you don't pay the 15% and they put \$1,500 or \$2,000 in your account. You pay 15% after 5 years. Bisher said another way to get people to take HSAs is a graduated scale, like \$3,000 the first year, \$2,500 second year, \$2,000 after that. Foreman noted there is no more prescription program with HSAs. All money falls under the deductible. There is no mail order 90 day prescription program either. Bisher said we have been riding a wave of no premium increases, but that won't happen in 2014. There is nothing to vote on today. We need Huntington's input. They can compare data with other cities.

Foreman tentatively set the next meeting for Monday, June 24 at 8:30 am if a Huntington representative can attend. Thomas will email them today. Bisher said we need to find out if Health Care Cost Committee meetings are open to the public. He believes this meeting is like a staff meeting that is open to employees. There is no public business being done. This Committee was created by Council by resolution. Chief Weitzel said it is a working group and should not be open to the public. It would be like advertising a staff meeting. Bisher said we need clarification from the Law Director on this. Weitzel believes this started when family members wanted to attend the Committee's meetings. It was decided that meetings had to be advertised if they were open to the public. Bisher said the rule could be made that anyone eligible to receive health insurance can attend.

Motion To Adjourn

Motion: Peddicord Second: Thomas
To adjourn the meeting at 9:34 am

Passed

Approved by unanimous voice vote.

Date _____

_____ Micheal Foreman, Chair

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: June 27, 2013

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

The Municipal Properties, Buildings, Land Use & Economic Development
Committee, which is regularly scheduled to meet on Monday, July 8
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: 6/24/2013

Re: Board of Zoning Appeals Meeting Cancellation

The Board of Zoning Appeals meeting regularly scheduled for Tuesday, July 9 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: 6/24/2013

Re: Planning Commission Meeting Cancellation

The Planning Commission meeting regularly scheduled for Tuesday, July 8 at 5:00 PM has been CANCELED due to lack of agenda items.



Update

A weekly newsletter presented by AMP President/CEO Marc Gerken

July 5, 2013



For the 2013 AMP Day of Giving on June 29, staff and their families spread 35 cubic yards of mulch at Livingston Park. The volunteer efforts were facilitated by the Columbus Recreation and Parks Department.

AMP staff, families volunteer time to support community for Day of Giving

By Krista Selvage – manager of publications

AMP staff, spouses, children and guests volunteered their time and hands-on support to give back to the community on Saturday, June 29, for the 2013 AMP Day of Giving.

AMP President/CEO Marc Gerken was among the more than 20 participants who spread 35 cubic yards of mulch at Livingston Park, which is adjacent to Nationwide Children's Hospital. Through the Columbus Recreation and Parks Department, AMP employees and their families were able to promote AMP's values and sustainability goals by keeping engaged in the community and working to beautify the city.

The AMP family believes in paying it forward. AMP has facilitated the participation of its employees in supporting a number of local charities through voluntary paycheck withholding over the years. In the past two years (2011-12), AMP employees have donated nearly \$8,500.

Thanks to all those who participated in AMP's 2013 Day of Giving and let's continue our efforts in community outreach.



AMP President/CEO Marc Gerken (left) and AMP Vice President of Hydroelectric Development and Operations Phil Meier volunteer at Livingston Park in Columbus during the 2013 AMP Day of Giving.

AMP seeks generator data

By Eric Marko – environmental affairs intern

AMP's Environmental Affairs Department is conducting an inventory of all member-owned combustion turbines and reciprocating engines. A member survey was conducted in mid-December 2012 to help respond to proposed regulations by the United States Environmental Protection Agency and/or local agencies.

The survey needs to be updated and expanded to include all members. This will help us respond to future regulations.

Over the next several weeks, I will be contacting members who we do not have current information for in order to complete the survey.

For more information, please contact me at 614.540.6917 or emarko@amppartners.org.

USEPA to again reconsider portions of RICE NESHAP

By Randy Meyer – director of environmental affairs

Late last week, the United States Environmental Protection Agency (USEPA) issued a response to the State of Delaware's request for reconsideration of the Reciprocating Internal Combustion Engines (RICE) National Emission Standards for Hazardous Air Pollutants (NESHAP) rule. The State of Delaware argued in its petition for reconsideration that the opportunity for public comment was not provided on certain sections of the new RICE NESHAP rule. The timing and details of reconsideration will be published in a future notice in the *Federal Register*.

In the June 28 letter, the USEPA states it will reconsider several specific parts of the rule previously finalized in January, which set air pollution limits for stationary engines that generate electricity and power equipment at facilities such as oil and gas producers and power generators.

continued on Page 2

July 9 is last chance for members to guarantee golf outing spot

By Michael Beirne – assistant vice president of government affairs and publications

Members have until July 9 to guarantee a spot for the annual AMP Golf Outing, scheduled for Aug. 20. Please contact me if you did not receive a golf outing brochure. Member registration will be accepted following July 9, but cannot be guaranteed as registration will open to nonmembers on July 10 and we have a hard limit of 144 golfers.

The registration deadline for all participants is Aug. 9.

The outing will be held at Rattlesnake Ridge Golf Club and will begin with a shotgun start at 9:30 a.m. Each member community or company will be limited to one foursome (or up to four individual golfers).

In addition to the outing, AMP will also hold its annual Organization and Project Update Dinner at 6 p.m. Aug. 20. AMP President/CEO Marc Gerken and members of AMP's executive management team will provide insight on various AMP initiatives. Additional information on this event will be provided at a later date.

Please contact me at mbeirne@amppartners.org or 614.540.0835 if you have questions or need additional information.

'Business First' names Gerken as one of '20 People to Know'

By Kent Carson – senior director of media relations and communications programs

Once a month, *Columbus Business First* highlights 20 individuals from the Greater Columbus area who are at the front and center in their industries. For June, the weekly publication put the spotlight on "20 People to Know in Energy" and named AMP President/CEO Marc Gerken in its sampling of who to know in the industry.



Also on the list are: Chris Zeigler, Ohio Petroleum Council; Tom Stewart, Ohio Oil & Gas Association; Shawn Bennett, Energy In Depth; Jack Partridge, Columbia Gas of Ohio; Ted Ford, Ohio Advanced Energy Economy; William Spratley, Green Energy Ohio; David Mustine, JobsOhio; Eric Zimmer, Tipping Point Renewable Energy; Terrence O'Donnell, Dickinson Wright PLLC; Dan Lorenz, Joe Knows Energy; Craig Kasper, Hull & Associates Inc.; Chip Collier, Benesch Friedlander Coplan & Aronoff LLP; Kristin Watt, Vorys Sater Seymour and Pease LLP; Scott White, IGS Energy; Daniel Conway, Porter Wright Morris & Arthur LLP; Jason Black, Battelle; Scott Cooke, Polaris Energy Group, a division of Polaris Automation Inc.; David Reier-son, Homeport; and Dan Whetstone, HMB Inc.

The full article is available on [Columbus Business First's website](http://www.columbusbusinessfirst.com).

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

Week ending July 5

MON	TUE	WED	THU	FRI
\$34.25	\$37.95	\$39.91	\$31.61	\$39.72

Week ending June 28

MON	TUE	WED	THU	FRI
\$51.12	\$53.95	\$49.33	\$39.07	\$36.62

AEP/Dayton 2014 5x16 price as of July 5 — \$40.25

AEP/Dayton 2014 5x16 price as of June 28 — \$40.25

USEPA reconsiders RICE rule

continued from Page 1

AMP's initial review of the USEPA's response raises some questions, particularly the announced reconsideration of "conditions ... for operation for up to 50 hours per year in nonemergency situations as part of a financial arrangement with another entity."

The other two issues the USEPA's letter states it intends to initiate a reconsideration process on are: compliance timing for an ultra-low-sulfur diesel fuel requirement for emergency compression ignition engines, and timing and other information for a reporting requirement for emergency engines that run more than 15 hours per year.

AMP's Legal Department is reviewing USEPA's letter, and we will continue to provide updates on this matter. We will file comments and work with the American Public Power Association as appropriate.

In the meantime, unless we hear otherwise from legal counsel, AMP will continue to operate under the parameters of the existing rule.

Please contact me at rmeyer@amppartners.org for more information.

SEPA offers scholarships to encourage conference attendance

By Alice Wolfe – assistant vice president of power supply planning and alternative generation

The Solar Electric Power Association (SEPA) will offer scholarships to electric utility staff to attend the Solar Power International (SPI) 2013, to be held Oct. 21-24 in Chicago.

Applications are due by July 17. The spirit of the scholarships is to encourage attendance from utility staff who would not otherwise be able to attend due to budgetary and/or travel restrictions.

SPI is a comprehensive educational conference and exhibition for the solar industry. Attendees will have the opportunity to learn about solar energy, and engage in networking and connecting with colleagues and industry peers.

For more information, please contact Kaylan Wedekind at kwedekind@solarelectricpower.org.

To complete an application, visit <http://www.surveymonkey.com/s/2013SEPAScholarships>



IMEA invites lineworkers to third annual rodeo in October

By Michelle Palmer – assistant vice president of technical services

The Indiana Municipal Electric Association (IMEA) will present the third annual Indiana Lineworkers' Training & Rodeo Oct. 11-12 in Richmond, Indiana.



The event is open to anyone who is a practicing lineworker in municipally owned and operated electric utilities, and electric cooperatives in Indiana and surrounding states.

The rodeo features four levels of competition: journeyman team, individual journeyman, journeyman senior and apprentice single. Teams can be composed of individuals from one utility or several small utilities can combine personnel to form a team.

The overall winners will receive funding toward competition at the American Public Power Association's National Public Power Lineworkers Rodeo and/or the fourth annual Indiana Lineworkers' Rodeo.

Please visit <http://www.imea.com/rodeo.htm> for more information.

AFEC weekly update

By Craig Kleinhenz – manager of power supply planning

AFEC saw varied production this week and successfully responded to changing market prices.

There was strong production last Friday out of AFEC, which included six hours of duct burner operation. The plant then turned offline Friday night through Monday morning due to low market prices. It operated at base max for most of the day Monday before being dispatched offline Monday night into Tuesday morning.

The rest of the week saw AFEC return to more normal operations of base max during the day and base min during the overnight hours. For the week, AFEC averaged a 44 percent load factor (based on 675 MW). AFEC was \$3.94/MWh cheaper than on-peak market prices over the last seven days.

It's a lazy day of summer for energy markets

By Craig Kleinhenz

Mild weather this week, combined with the Fourth of July holiday, has made it a quiet week for the energy markets.

There were no major surprises in the natural gas storage report this week as numbers were in line with expectations. August natural gas prices finished trading up \$0.11/MMBtu from last week to end at \$3.69/MMBtu.

2014 on-peak electric prices at AD Hub finished unchanged from last week, closing at \$40.25/MWh.

How to submit a classified ad

By Krista Selvage

AMP's *Update* provides a forum for timely announcements from and for member communities.

Job and equipment classifieds for *Update* and the AMP website are provided to AMP members as a free service. To submit an employment classified, please email me at kbselvage@amppartners.org. Be sure to include an expiration date for the ad if an application deadline is not part of the classified.

Preferred formats are DOC file or plain text if possible, but other formats will be accepted.

For equipment or vehicle classifieds, please visit the "Member Community Classified Ads" link on the Member Extranet section of AMP's website. A "Classifieds Ads Submission Form" can be downloaded there.

For more information on *Update* classifieds, please call me at 614.540.6407.

Update Classifieds

Coldwater seeks public works engineer, engineering technician

The Coldwater Board of Public Utilities is seeking qualified candidates for an electrical public works engineer and/or engineering technician position. The position is responsible for the engineering, design and management of electric substations, transmission and distribution systems; administering, developing and maintaining electric system maps, modeling, GIS and SCADA systems using industry related software and applications; and providing technical support for all public utility systems and assets.

Qualified candidates for the technician position should have an associate's degree in electrical engineering or related field with at least two years of experience.

Qualified candidates for the engineer position should have a bachelor's degree in electrical engineering or related field with at least four years of experience.

Competitive compensation and benefits while offering the opportunity to live in a progressive Michigan community. To apply, submit resume to Sue Rubley, Coldwater Board of Public Utilities, One Grand Street, Coldwater, MI 49036. Preferably email to resume@coldwater.org. Phone: 517.279.9531. Equal opportunity employer.

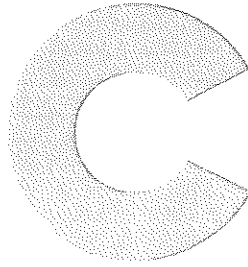
Calendar

July 25—AMP finance & accounting subcommittee meeting: "Financial Planning for Municipalities" course
AMP Headquarters, Columbus

Aug. 20—AMP Golf Outing & Organization and Project Update Dinner
Golf, Rattlesnake Ridge Golf Club
Dinner, Crowne Plaza Hotel

Aug. 29—AMP finance & accounting subcommittee meeting
Holiday Inn-Johnstown, Pennsylvania

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



clearchannel
MEDIA + ENTERTAINMENT

Mr. Bisher,
I would like to thank you and
the City of Napoleon for the continued
support we receive for the WSMH Kisby
Fest at Glenwood Park. The park
looked great and the cooperation
we receive from all the City of
Napoleon Departments is first
class! You really helped make it
a joyful day for the estimated 3800
people who attended.
Sincerely,
John DeWitt

Fw: ARTICLE: Consequences of state funding cuts to local governments: layoffs and cutbacks

From: "Gregory J Heath" <gheath@napoleonohio.com>

07/01/13 10:07 AM

To: "Roxanne Dietrich" <rdietrich@napoleonohio.com>

For Council Packets.

-----Original Message-----

From: "Michelle Jordan" <datataxgroup@gmail.com>

To: undisclosed-recipients:

Date: 06/30/2013 05:08 PM

Subject: ARTICLE: Consequences of state funding cuts to local governments: layoffs and cutbacks

Dear DATA members:

Please share this important article with your administration.

Thank you!

Michelle

--

Michelle Jordan

DATA

Dayton Area Tax Administrators

Tax Manager, Dayton Branch Office

Central Collection Agency

371 W Second St, Suite 110

Dayton OH 45402

937.227.1359 Office

216.857.7382 Cell

www.ccatax.ci.cleveland.oh.us

Consequences of state funding cuts to local governments: layoffs and cutbacks

Published: Sunday, June 30, 2013



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By Simon Husted

SHusted@News-Herald.com

@Simon_Husted

Mark Luthanen was a skilled maintenance worker for the Village of Fairport Harbor until he lost his job in a layoff this month.

For 13 years, Luthanen fixed roads, plowed streets, repaired electrical systems and drove seniors at the Fairport Harbor Senior Center.

The 57-year-old Fairport Harbor resident said he knew a couple village employees would be getting pink slips soon after voters rejected the village's 10.3-mill levy on the May 7 ballot. But he was surprised to learn he was one of them.

Luthanen does not blame village officials for his current unemployment, nor does he blame the voters who rejected the levy.

Luthanen said he blames state lawmakers who cut more than \$200,000 in funding to the village since 2008.

Luthanen said three-quarters of the cut came within the last two years. Altogether, that represents more than 12 percent of the village's general fund revenue for 2013.

"We have to pick up the slack from the State of Ohio," Luthanen said.

Local government leaders statewide have shared Luthanen's view since Ohio lawmakers slashed the state's Local Government Fund by nearly 50 percent in its 2012-2013 biennial budget.

Ohio made plenty of cuts in its budget in 2010 to balance an estimated \$8 billion deficit, but Kent Scarrett, director of communications at the Ohio Municipal League, said lawmakers should've aligned the Local Government Fund cuts at 17 percent, to match other cuts.

Now, the Ohio Municipal League wants lawmakers to restore a majority of the fund.

"We haven't been successful in entertaining that idea to legislators," Scarrett said.

Lawmakers passed the latest biennial budget Thursday, and it now awaits a signature from Gov. John Kasich on Sunday.



Click to enlarge

The budget includes an increase of about \$1.5 billion for health services and education over the next two years, but leaves the Local Government Fund almost flat, said state Rep. Ron Amstutz, R-Wooster, chairman of the House Finance and Appropriations Committee.

Amstutz said the budget's business-friendly laws such as a 50 percent small business tax cut and its \$2.7 billion three-year income tax cut will help generate revenue for local governments in the long run.

"They are benefiting from our recovery, but it's not from our Local Government Fund," Amstutz said.

But Tim Manross, mayor of Fairport Harbor, says business-friendly policies aren't going to lure factories into bedroom communities like Fairport Harbor.

"What the state and the Republican leadership is worried about is making Ohio attractive to businesses," Manross said.

The state cuts have disproportionately hurt smaller communities, such as many in Lake and Geauga counties, because the bigger cities are laden with industry, area officials say.

In 2008, the Local Government Fund made up a little more than 7 percent of Mentor's general fund revenue. Over the last five years, that percentage has dropped to a little more than 3 percent. In Fairport, the Local Government Fund made up 19 percent in 2008, and is at 10 percent this year.

Fairport Harbor has lost \$327,565 in general fund revenue over the last two years. The loss is from a combination of factors including lower home values, the abrupt end to the state's tangible personal property tax and the loss of a major employer. Above all, however, are the cuts to the Local Government Fund, Manross said.

The village cut \$100,000 in spending to balance its budget this year, but will need to cut \$200,000 to get through 2014, Manross said. After failing to increase its levy millage to 10.3, Manross said Council would be satisfied to pass a 3.9-mill renewal levy on the Nov. 5 ballot.

"Without that, I shudder to think what the village will look like," Manross said.

State Sen. Nina Turner, D-Cleveland, said she favors restoring money in the Local Government Fund, but the Republican-controlled legislature isn't open to that idea.

"All local governments are asking for is some of their money back, but what have they gotten from the state in the last two biennial budgets?" Turner asked. "A slap in the face."

The \$62 billion budget passed along party lines Thursday, but with votes from seven GOP

representatives and one GOP senator dissenting.

State Rep. Ron Young, R-Leroy Township, was one of the eight Republicans who voted against the budget. He said he disapproved for many reasons, most of which involved allegations of overspending. But Young added that he is worried how the budget will affect the local governments.

The budget proposes to eliminate the state's property tax rollback, which subsidizes 12.5 percent of a property owner's property tax.

"By doing that, we're making it more difficult for local governments to pass levies, and that concerns me, which is why I voted against the bill," Young said, adding that the law does not affect renewals.

Young said he's against more cuts to the Local Government Fund, but is fine without any restoration.

"I think a lot of local governments have done OK without the funding," Young said. "Others have reached some equilibrium, and others are suffering but adapting."

Few could dispute that Fairport Harbor falls into the last tier.

Since 2008, the village has reduced its general fund payroll from 19 to 15 full-time positions and from 34 to 25 part-time positions.

Luthanen said he took over cleaning and sanitizing duties in village hall in the winter after the custodian left her job. When Luthanen was laid off this June, village officials said they would "cease" all services he provided.

Manross said he has warned village employees that more layoffs might come next year and that there may be some "job-sharing."

State Sen. John Eklund, R-Munson Township, said he understands the fiscal hardship of local governments, and, like Young, rejects any more cuts to the Local Government Fund. Restoring money in the Local Government Fund, however, shouldn't be the answer, he said.

Eklund said studies have proven that local government spending in Ohio has outpaced population growth immensely.

"Our local government officials should look at the efficiency side of things and not worry about how much they can spend," Eklund said.

He said Concord Township, which has lost more than \$108,000 in state funding over the last five years, is a great example of a local government becoming more efficient.

Concord Township Administrator Lee Bodnar said the township has cut an administrator position over the years and has been broadening its net of contractors to find the most affordable bid.

But Bodnar is reluctant to say if state cuts have caused the township to be more efficient.

"You always drive to be more efficient in government," Bodnar said. "Due to the revenue reductions, we all have to be more frugal and explore opportunities that weren't possible before."

Earlier this spring, Concord partnered with the City of Painesville to share in the purchase of a ladder truck both towns can use. The Lake County East Council of Government, formed a year ago for all governments east of Mentor, facilitated the partnered purchase.

Eklund said the state can help struggling local governments find creative ways out of fiscal problems.

"They know how to run a government efficiently, and they need to let me know what it is," Eklund said. "I am always open to that conversation. Always."

However, most recently, state laws have been hurting the fiscal health of local government, said Kip Molenaar, director of administration and finance for Mentor-on-the-Lake.

Ohio lawmakers passed a bill this month that bans almost all Internet cafés operating in the state.

Mentor-on-the-Lake had three and will lose an average of \$80,000 to \$90,000 in monthly and annual fees, Molenaar said.

"I know it is a controversial tax, but you would think they would defer the elimination until the economy got better," Molenaar said.

In 2011, Ohio lawmakers passed a bill to eliminate the state's estate tax, which collected up to 7 percent of a deceased person's possessions, if worth more than \$338,333. The law took effect Jan. 1, but inheritants have up to nine months after a death to file estate tax. Since 2002, 80 percent of estate tax dollars have been allocated to the local governments where the deceased person resided, while 20 percent goes to the state.

The revenue varies wildly year to year but can generate between \$400,000 and \$1.3 million for communities as big as Mentor and between \$17,000 and \$180,000 for communities as small as Fairport Harbor.

That money will dry up dramatically beginning in 2014.

Mentor-on-the-Lake will lose an average of \$62,000 each year then. And over the last five years,

the city has lost \$289,507 in state funding from the Local Government Fund.

"I understand the state was faced with a very large deficit of their own to address, but I think they erred in trying to balance the budget on the backs of local government and schools," Molenaar said.

He said the city has always been efficient, especially because of the recession, and the state cuts have forced the city to cut services, leading to reductions in fire and police staffing and the loss of 16 percent of its full-time workforce.

"Not only have we lost personnel, but we have lost our road," Molenaar said. "We have cut back on equipment, and IT costs are being pushed aside."

On top of that, Mentor-on-the-Lake is considering a 5-mill operations levy on the Nov. 5 ballot. It would be the first new levy Mentor-on-the-Lake has proposed in 16 years, Molenaar said.

These service cuts led state Rep. John Rogers, D-Mentor-on-the-Lake, to leave his position as mayor of the city and run for state office in 2012. Soon after he took office, Rogers championed a bill that would restore the Local Government Fund back to 2005 levels, from \$339 million to \$662.1 million. That bill never made it into the budget, but Rogers still wants the Local Government Fund restored.

He said the Local Government Fund was originally set up to allocate money collected from the state's sales tax. But as local governments have lost their share of sales tax revenue, actual sales tax rates have gone unfazed. In fact, the latest budget proposed an increase in sales tax, from 5.5 percent to 5.75 percent.

"This is why people should be livid," Rogers said. "The people in Lake County still pay the taxes and the state just holds on to it."

And it's being stored into the state's reserve fund, he said. Rogers said he would like to see the revenue to the state's reserve fund redirected to the Local Government Fund.

"The rainy day was \$550 million when I first ran for office," Rogers said. "We're not even a year later and we're excess of \$2 billion."

"It's not like the communities are trying to raise a lot of money," Rogers said. "They're just trying to raise enough money to keep them running."

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