
Memorandum

To: Mayor & Members of Council
From: Jon Bisher/rd
Subject: General Information
Date: November 8, 2013

CALENDAR

AGENDA – Electric Committee

Monday, November 11th @ 6:30 pm / with BOPA

1. *Approval of Minutes* - the October 14th meeting minutes are enclosed.
2. *Review/Approval of the Electric Billing Determinants for November, 2013*
 - a. the billing determinants are enclosed.
3. *Electric Department Report* for October 2013 is attached.
4. Information on *2014 APPA Legislative Rally*

AGENDA – Water/Sewer Committee

Monday, November 11th @ 7:00 pm

1. *Approval of Minutes* – September 9th meeting minutes are enclosed.
2. *Water Rate Study* – John Courtney will be at Monday's meeting.
3. *Cooperative Agreement on the Building of a New Water Plant*
 - a. a copy of the agreement is enclosed.

CANCELLATION - Municipal Properties, Buildings, Land Use and Economic Development Committee

TUESDAY, NOVEMBER 12TH

Privacy Committee Meeting at 10:30 am

Board of Zoning Appeals Meeting at 4:30 pm

INFORMATIONAL ITEMS

1. From Greg Heath: Sub HB5
2. OML Bulletin/November 8, 2013

rd

Records Retention CM-11 - 2 Years

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

 Calendar

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
27	28	29	30	31	1	2
3	4	5	6	7	8	9
	6:00 PM -7:30 pm Trick-or-Treat 7:00 PM City COUNCIL Meeting AV - Dan				8:00 AM 2014 BUDGET Review Meeting	8:00 AM 2014 BUDGET Review Meeting
10	11	12	13	14	15	16
	6:30 PM Electric Committee Board of Public Affairs (BOPA) 7:00 PM Water/Sewer Committee AV - Roy	10:30 AM Privacy Committee Mtg. 4:30 PM Board of Zoning Appeals (BZA)				
17	18	19	20	21	22	23
	7:00 PM City COUNCIL Meeting 8:00 PM Parks & Rec Committee Mtg. AV - Dan		AMP - BISHAR	AMP - BISHAR		
24	25	26	27	28	29	30
	6:30 PM Finance & Budget Committee Mtg. 7:30 PM Safety & Human Resources Committee Mtg. AV - Shery		6:30 PM Parks & Rec Board Mtg.	HOLIDAY - Thanksgiving	FLOATING HOLIDAY - City C	

City of Napoleon, Ohio
ELECTRIC COMMITTEE

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

Meeting Agenda
Monday, November 11, 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 November:
 Generation Charge: Residential @ \$.07512; Commercial @ \$.08794;
 Large Power @ \$.05040; Industrial @ \$.05040; Demand Charge
 Large Power @ \$10.54; Industrial @ \$11.31; JV Purchased Cost: JV2
 @ \$.04998; JV5 @ \$.04998

- III. Electric Department Report

- IV. Any Other Items Currently Assigned to Committee

Gregory J. Heath, Finance Director/Clerk of Council

City of Napoleon, Ohio
ELECTRIC COMMITTEE

Meeting Minutes

Monday, October 14, 2013 at 6:30 PM

PRESENT

Electric Committee

BOPA

City Staff

Recorder

Others

ABSENT

Travis Sheaffer – Chair, Patrick McColley, Jason Maassel
Keith Engler – Chair, Mike DeWit, Dr. David Cordes
Dr. Jon A. Bisher, City Manager
Dennis Clapp, Electric Superintendent
Trevor Hayberger, Law Director
Gregory J. Heath, Finance Director/Clerk of Council
Dan Wachtman, MIS Administrator
Barbara Nelson
News Media, Randy Corbin, Carl Andre, Jolene Thompson

None

Call To Order

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

Approval Of Minutes

The September 9 meeting minutes stand approved as presented with no objections or corrections.

**Review Of Billing
Determinants**

The electric billing determinants for October were presented for review.

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

Motion: McColley Second: Maassel
To accept the BOPA recommendation for approval of electric billing determinants for October 2013 as follows:
Generation Charge: Residential @ \$0.07788; Commercial @ \$0.09472;
Large Power @ \$0.05370; Industrial @ \$0.05370; Demand Charge Large Power @ \$11.37; Industrial @ \$12.31; JV Purchased Cost: JV2 @ \$0.03003; JV5 @ \$0.03003

Passed
Yea-3
Nay-0

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

Electric Department Report

Clapp gave the Electric Department Report (attached).

McColley asked about an electric truck in the City from Bowling Green. Clapp said an engine blew in one of our trucks and we are borrowing one from Bowling Green while ours is repaired. We trimmed along Oakwood while we had their truck since it is taller than ours. The truck will be delivered back to Bowling Green this Friday. We will return the favor when needed.

**New Energy Efficiency
Contract for 2014-2016**

Bisher said the energy efficiency program (Efficiency Smart) has worked well these last three years. The contract is up for renewal. Randy Corbin, Carl Andre and Jolene Thompson are here tonight to present information.

Randy Corbin reviewed the history of this program and highlighted the new contract. (See *Moving Beyond a Concept to Energize the Future* -attached).

Corbin noted that the Efficiency Smart program started in January 2011. It is a full service program for residential, commercial and industrial customers. It is branded with each local utility's logo. Jolene Thompson said AMP has 30 employees working on this program.

Carl Andre covered program accomplishments here. AMP will work with any vendor or group of vendors as vendor partner allies. Kurtz Ace Hardware has been excellent to work with regarding purchasing items on a coupon basis. The Efficiency Smart program helps both landlords and renters. Alex Products is doing installation themselves so we sent them a rebate check. We are always looking out for things to help the City.

Accomplishments include:

Actual annual savings of approximately \$310,372

Actual lifetime savings of approximately \$3,836,719

Actual lifetimes savings of approximately 46,379 MWh

Corbin described some proposed projects/services for the new contract. He commended Bisher for his work on this project, noting that Bisher challenged AMP to give more since Napoleon is giving more. AMP gave Napoleon twice the savings since Napoleon is paying twice the rate. Corbin said the program's technical expertise is valued more by many businesses than the financial incentives. Businesses have 24/7 access to experts in this field. The program will do LED lighting pilot projects in three communities this fall

DeWit said this is a good program. He would rather do this than build windmills and photovoltaic cells. He asked if there is any chance of leveraging this program with Campbells to get them to buy from the City instead of Toledo Edison. Bisher said he talked with Campbells on two different contract cycles. Toledo Edison always comes in and talks them into staying. Bisher will try to find out when their contract expires. They may have a 30 year commitment. The stumbling block before was annexation. We can only sell 50% of our load outside and Campbells is too big.

Andre said Campbells has a corporate directive to be as green and efficient as possible. Bisher said taking business away from Toledo Edison mid-contract may not be a good thing. He can talk to them about saving power, but we can't legally do that for someone else's power. Engler asked if FirstEnergy has programs like Efficiency Smart. Thompson said they do, but their programs are different than ours.

**Motion To Accept BOPA
Recommendation**

Passed
Yea-3
Nay-0

Motion To Adjourn

Passed

Motion: McColley

Second: Maassel

To accept the recommendation from BOPA regarding continuing the Efficiency Smart contract for 2014, 2015, and 2016

Roll call vote on above motion:

Yea- Maassel, Sheaffer, McColley

Nay-

Motion: McColley

Second: Maassel

To adjourn the meeting at 7:30 PM

Roll call vote on above motion:

Yea-3
Nay-0

Yea- Maassel, Sheaffer, McColley
Nay-

Date

Travis Sheaffer, Chair

DRAFT

<u>BILLING DETERMINANTS for BILLING CYCLE - NOVEMBER, 2013</u>									
<u>2013 - NOVEMBER BILLING WITH OCTOBER 2013 DATA BILLING UNITS</u>									
<u>PREVIOUS MONTH'S POWER BILLS - PURCHASED POWER KWH AND COST ALLOCATIONS BY DEMAND & ENERGY:</u>									
<u>DATA PERIOD</u>	<u>MONTH</u>			<u>DAYS IN MONTH</u>		<u>SYSTEM PEAK</u>			
AMP-Ohio Bill Month	SEPTEMBER, 2013			30		31,812			
City-System Data Month	OCTOBER, 2013			31					
City-Monthly Billing Cycle	NOVEMBER, 2013			30					
(	AMPGS	AMPGS	SALE TO			NAPOLEON	PRAIRIE STATE	NORTHERN	FREEMONT
<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>SCHED. @ PJMC &</u>	<u>POWER</u>	<u>ENERGY</u>
(	<u>2013 5x16 @ AD</u>	<u>2013 7x24 @ AD</u>	<u>5x16 - 5x16 @ AD</u>	<u>SCHED. @ ATSI</u>	<u>SCHED. @ NYIS</u>	<u>SCHED. @ ATSI</u>	<u>REPLMT@ PJMC</u>	<u>POOL</u>	<u>SCHEDULED</u>
Delivered kWh (On Peak) ->	1,600,000	5,040,000	0	69,092	438,488	156,013	2,697,055	25,537	1,009,794
Delivered kWh (Off Peak) ->								463,724	
Delivered kWh (Losses/Offset) ->							536,061		
Delivered kWh (Credits) ->								-1,232,991	
Net Total Delivered kWh as Billed ->	1,600,000	5,040,000	0	69,092	438,488	156,013	3,233,116	-743,730	1,009,794
Percent % of Total Power Purchased->	12.2301%	38.5247%	0.0000%	0.5281%	3.3517%	1.1925%	24.7133%	-5.6849%	7.7187%
<u>POWER - COSTS OF ENERGY, DEMAND, REACTIVE, TAXES, FEES, CREDITS & OTHER ADJUSTMENTS:</u>									
<u>DEMAND CHARGES (Debits)</u>									
Demand Charges				\$22,940.00	\$5,760.20		\$42,661.27		\$27,528.38
Debt Services (Principal & Interest)							\$111,026.32		\$44,251.84
Capital Improvements									
Working Capital									
<u>DEMAND CHARGES (Credits)</u>									
Transmission Charges (Demand-Credits)				-\$18,513.83					
Capacity Credit				-\$7,661.41	-\$1,322.16		-\$3,454.69		-\$7,067.56
Sub-Total Demand Charges	\$0.00	\$0.00	\$0.00	-\$3,235.24	\$4,438.04	\$0.00	\$150,232.90	\$0.00	\$64,712.66
<u>ENERGY CHARGES (Debits or Adjustments):</u>									
Energy Charges - On Peak	\$110,736.00	\$301,140.00		\$4,483.52	\$4,729.84		\$20,191.45	\$1,591.50	\$28,972.54
Energy Charges - Off Peak							\$29,652.28	\$22,859.80	
Net Congestion, Losses, FTR	\$4,103.93	\$8,296.72					\$15,000.45		\$7,782.99
Transmission Charges (Energy-Debits)							\$26,813.70		
ESPP Charges									
Bill Adjustments									
<u>ENERGY CHARGES (Credits or Adjustments):</u>									
Energy Charges - On Peak (Sale or Rate Stabilization)						\$13,261.15	-\$2,026.55	-\$51,029.50	
Net Congestion, Losses, FTR					-\$907.74		\$2,999.66		
Bill Adjustments					\$2,555.63				\$30.81
Sub-Total Energy Charges	\$114,839.93	\$309,436.72	\$0.00	\$4,483.52	\$6,377.73	\$13,261.15	\$92,630.99	-\$26,578.20	\$36,786.34
<u>COMBINED DEMAND & ENERGY (Debits & Credits Allocated by Ratio between Demand & Energy) - Service Fees, Billing and Rate Adjustments:</u>									
RPM Charges Capacity - (Debit)									
RPM Charges Capacity - (Credit)									
Service Fees AMP-Dispatch Center - (Debit/Credit)									
Service Fees AMP-Part A - (Debit/Credit)									
Service Fees AMP-Part B - (Debit/Credit)									
Other Charges & Bill Adjustments - (Debit/Credit)									
City Rate Adjustment in Cost of Power (1)									
Sub-Total Service Fees & Other Charges	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL - ALL COSTS TO ALLOCATE	\$114,839.93	\$309,436.72	\$0.00	\$1,248.28	\$10,815.77	\$13,261.15	\$242,863.89	-\$26,578.20	\$101,499.00
Purchased Power Resources - Cost per kWh->	\$0.071775	\$0.061396	\$0.000000	\$0.018067	\$0.024666	\$0.085000	\$0.075118	\$0.035736	\$0.100515
NOTES: (1) A Permanent \$60,000 Monthly Cost of Power representing a Five (5%) Increase in 2008, as Approved by Council in Ord.# 003-08, passed 01/07/2008, effective billing March, 2008.									

<u>BILLING DETERMINANTS for BI</u>									
<u>2013 - NOVEMBER BILLING WITH OCTOBER 20</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	745	2,223,360	23,383				13,283,467
	Delivered kWh (Off Peak) ->								463,724
	Delivered kWh (Losses/Offset) ->			32,239					568,300
	Delivered kWh (Credits) ->								-1,232,991
		-----	-----	-----	-----	-----	-----	-----	-----
	Net Total Delivered kWh as Billed ->	0	745	2,255,599	23,383	0	0	0	13,082,500
	Percent % of Total Power Purchased->	0.0000%	0.0057%	17.2413%	0.1787%	0.0000%	0.0000%	0.0000%	99.9999%
								Verification Total - >	99.9999%
<u>POWER - COSTS OF ENERGY, DEMAND, REACTIVE,</u>									
<u>DEMAND CHARGES (Debits)</u>									
	Demand Charges		\$282.53	\$11,623.99	\$1,352.13	\$40,417.01			\$152,565.51
	Debt Services (Principal & Interest)			\$64,474.06	\$3,531.00				\$223,283.22
	Capital Improvements								\$0.00
	Working Capital								\$0.00
<u>DEMAND CHARGES (Credits)</u>									
	Transmission Charges (Demand-Credits)		-\$538.78	-\$3,677.67	-\$110.12				-\$22,840.40
	Capacity Credit		-\$200.90	-\$2,593.92	-\$16.52				-\$22,317.16
		-----	-----	-----	-----	-----	-----	-----	-----
	Sub-Total Demand Charges	\$0.00	-\$457.15	\$69,826.46	\$4,756.49	\$40,417.01	\$0.00	\$0.00	\$330,691.17
<u>ENERGY CHARGES (Debits or Adjustments):</u>									
	Energy Charges - On Peak		\$145.56	\$55,296.09		\$16,335.02			\$543,621.52
	Energy Charges - Off Peak								\$52,512.08
	Net Congestion, Losses, FTR								\$35,184.09
	Transmission Charges (Energy-Debits)								\$26,813.70
	ESPP Charges	\$38,168.43							\$38,168.43
	Bill Adjustments		\$35.99						\$35.99
<u>ENERGY CHARGES (Credits or Adjustments):</u>									
	Energy Charges - On Peak (Sale or Rate Stabilization)		-\$553.29						-\$40,348.19
	Net Congestion, Losses, FTR								\$2,091.92
	Bill Adjustments								\$2,586.44
		-----	-----	-----	-----	-----	-----	-----	-----
	Sub-Total Energy Charges	\$38,168.43	-\$371.74	\$55,296.09	\$0.00	\$16,335.02	\$0.00	\$0.00	\$660,665.98
<u>COMBINED DEMAND & ENERGY (Debits & Credits A</u>									
	RPM Charges Capacity - (Debit)					\$32,881.00			\$32,881.00
	RPM Charges Capacity - (Credit)								\$0.00
	Service Fees AMP-Dispatch Center - (Debit/Credit)						\$1,368.45		\$1,368.45
	Service Fees AMP-Part A - (Debit/Credit)						\$2,657.00		\$2,657.00
	Service Fees AMP-Part B - (Debit/Credit)						\$6,339.70		\$6,339.70
	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	\$32,881.00	\$10,365.15	\$60,000.00	\$103,246.15
		-----	-----	-----	-----	-----	-----	-----	-----
	TOTAL - ALL COSTS TO ALLOCATE	\$38,168.43	-\$828.89	\$125,122.55	\$4,756.49	\$89,633.03	\$10,365.15	\$60,000.00	\$1,094,603.30
								Verification Total - >	\$1,094,603.30
	Purchased Power Resources - Cost per kWh->	\$0.000000	-\$1.112604	\$0.055472	\$0.203417	\$0.000000	\$0.000000	\$0.000000	\$0.083669
				(Northern Pool Power - On-Peak (or Off-Peak) Energy Charge/kWH) = JV2 Electric Service Rate - >					\$0.049976
				(Northern Pool Power - On-Peak (or Off-Peak) Energy Charge/kWH) = JV5 Electric Service Rate - >					\$0.049976
NOTES: (1) A Permanent \$60,000 Monthly Cost of Po									

<u>BILLING DETERMINANTS for BILLING CYCLE - NOVEMBER, 2013</u>									
<u>2013 - NOVEMBER BILLING WITH OCTOBER 2013 DATA BILLING UNITS</u>									
<u>PREVIOUS MONTH'S POWER BILLS - PURCHASED POWER KWH AND COST ALLOCATIONS BY DEMAND & ENERGY:</u>									
<u>DATA PERIOD</u>	<u>MONTH</u>			<u>DAYS IN MONTH</u>		<u>SYSTEM PEAK</u>			
AMP-Ohio Bill Month	SEPTEMBER, 2013			30		31,812			
City-System Data Month	OCTOBER, 2013			31					
City-Monthly Billing Cycle	NOVEMBER, 2013			30					
(	AMPGS	AMPGS	SALE TO			NAPOLEON	PRAIRIE STATE	NORTHERN	FREEMONT
<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>SCHED. @ PJMC &</u>	<u>POWER</u>	<u>ENERGY</u>
(	<u>2013 5x16 @ AD</u>	<u>2013 7x24 @ AD</u>	<u>5x16 - 5x16 @ AD</u>	<u>SCHED. @ ATSI</u>	<u>SCHED. @ NYIS</u>	<u>SCHED. @ ATSI</u>	<u>REPLMT@ PJMC</u>	<u>POOL</u>	<u>SCHEDULED</u>
<u>RATIOS COMPUTATION (By Billed Demand and Energy):</u>									
DEMAND Ratio	0.0000%	0.0000%	0.0000%	-259.1758%	41.0330%	0.0000%	61.8589%	0.0000%	63.7569%
ENERGY Ratio	100.0000%	100.0000%	0.0000%	359.1758%	58.9670%	100.0000%	38.1411%	100.0000%	36.2431%
Verification Total-Ratio's = 100.0000%	100.0000%	100.0000%	0.0000%	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
ENERGY - Allocation based on Ratio	\$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
<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
ENERGY - Allocation based on Ratio	\$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
<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
ENERGY - Allocation based on Ratio	\$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
<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
ENERGY - Allocation based on Ratio	\$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
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Verification Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

BILLING DETERMINANTS for BILLING CYCLE - NOVEMBER, 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	SEPTEMBER, 2013	30	31,812
City-System Data Month	OCTOBER, 2013	31	
City-Monthly Billing Cycle	NOVEMBER, 2013	30	

PURCHASED POWER SUPPLY - COST ALLOCATION WORKSHEET

	<u>Billing Charges</u>	<u>Billing Charges</u>	<u>RPM Charges</u>	<u>RPM Charges</u>	<u>Service Fees-AMP Charges</u>	<u>Service Fees-AMP Charges</u>
<u>Purchased Power Provider</u>	<u>DEMAND</u>	<u>ENERGY</u>	<u>DEMAND</u>	<u>ENERGY</u>	<u>DEMAND</u>	<u>ENERGY</u>
AMPGS-REPLACEMENT 5x16 @ AD	\$0.00	\$114,839.93	\$0.00	\$0.00	\$0.00	\$0.00
AMPGS-REPLACEMENT 7x24 @ AD	\$0.00	\$309,436.72	\$0.00	\$0.00	\$0.00	\$0.00
SALE TO TEA 5x16 @ AD	\$0.00	\$0.00	\$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	-\$3,235.24	\$4,483.52	\$0.00	\$0.00	\$0.00	\$0.00
NYPA SCHEDULED	\$4,438.04	\$6,377.73	\$0.00	\$0.00	\$0.00	\$0.00
NAPOLEON SOLAR SCHEDULED	\$0.00	\$13,261.15	\$0.00	\$0.00	\$0.00	\$0.00
PRAIRE STATE SCHEDULED	\$150,232.90	\$92,630.99	\$0.00	\$0.00	\$0.00	\$0.00
NORTHERN POWER POOL	\$0.00	-\$26,578.20	\$0.00	\$0.00	\$0.00	\$0.00
FREMONT ENERGY SCHEDULED	\$64,712.66	\$36,786.34	\$0.00	\$0.00	\$0.00	\$0.00
JV-2 PEAKING SCHEDULED	-\$457.15	-\$371.74	\$0.00	\$0.00	\$0.00	\$0.00
JV-5 HYDRO	\$69,826.46	\$55,296.09	\$0.00	\$0.00	\$0.00	\$0.00
JV-6 WIND	\$4,756.49	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TRANSMISSION and Other Charges	\$40,417.01	\$16,335.02	\$23,416.81	\$9,464.19	\$0.00	\$0.00
A - AMP Service Fees- Dispatch, A & B	\$0.00	\$0.00	\$0.00	\$0.00	\$3,241.85	\$7,123.30
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	\$330,691.17	\$660,665.98	\$23,416.81	\$9,464.19	\$3,241.85	\$7,123.30

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 Miscellaneous - 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 BILLING</u>						
PREVIOUS MONTH'S POWER BILLS - PURCHASE						
DATA PERIOD						
AMP-Ohio Bill Month						
City-System Data Month						
City-Monthly Billing Cycle						
PURCHASED POWER SUPPLY - COST ALLOCATION						
	Other Charges & Bill Adjstmnt.	Other Charges & Bill Adjstmnt.	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	\$114,839.93
AMPGS-REPLACEMENT 7x24 @ AD	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$309,436.72
SALE TO TEA 5x16 @ AD	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
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	-\$3,235.24	\$4,483.52
NYPA SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	\$4,438.04	\$6,377.73
NAPOLEON SOLAR SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$13,261.15
PRAIRIE STATE SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	\$150,232.90	\$92,630.99
NORTHERN POWER POOL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$26,578.20
FREMONT ENERGY SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	\$64,712.66	\$36,786.34
JV-2 PEAKING SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	-\$457.15	-\$371.74
JV-5 HYDRO	\$0.00	\$0.00	\$0.00	\$0.00	\$69,826.46	\$55,296.09
JV-6 WIND	\$0.00	\$0.00	\$0.00	\$0.00	\$4,756.49	\$0.00
TRANSMISSION and Other Charges	\$0.00	\$0.00	\$0.00	\$0.00	\$63,833.82	\$25,799.21
A - AMP Service Fees- Dispatch, A & B	\$0.00	\$0.00	\$0.00	\$0.00	\$3,241.85	\$7,123.30
B - City Rate Adjustment Added to Cost of Power	\$0.00	\$0.00	\$20,723.88	\$39,276.12	\$20,723.88	\$39,276.12
C - Outdoor Lght.Credit Reconciliation	-\$1,809.23	-\$3,428.87	\$0.00	\$0.00	-\$1,809.23	-\$3,428.87
TOTALS - ALL	-\$1,809.23	-\$3,428.87	\$20,723.88	\$39,276.12	\$376,264.48	\$713,100.72
<u>RATIOS COMPUTATIONS (By Billed Demand and Energy):</u>					DEMAND	ENERGY
<u>A - AMP Service Fees - Ratio Allocation (Excluding JV):</u>						
Totals - AMP All Billing Costs by Demand and Energy (Excl. JV)					\$279,982.18	\$615,205.82
Ratios to Allocate AMP Service Fees					31.2764%	68.7236%
<u>B - City Rate Adjustment - Ratio Allocation (To Total C)</u>						
Totals - All Billing Costs both Demand and Energy					\$357,349.83	\$677,253.47
Ratios to Allocate City Rate Adjustment					34.5398%	65.4602%
<u>C - Outdoor Street Lights and Miscellaneous - Ratio Allocation</u>						
Totals - All Billing Costs both Demand and Energy					\$378,073.71	\$716,529.59
Ratios to Allocate City Rate Adjustment					34.5398%	65.4602%
<u>Other Cost and Reconciliation Items for Power Supply</u>						
<u>C - Outdoor Street Light Reconciliation Credit Computations</u>						
Total Purchased Power Cost (Cost Per kWh, on Page 3)	\$0.083669					
Total Outdoor Street Light kWh by Light Type (on Page 2)	62,605					
Net Allocated - Security Street Light Credit	-\$5,238.10				-\$1,809.23	-\$3,428.87
Less: Security Street Light Corrections (If Any)	\$0.00				\$0.00	\$0.00
Net Allocated - Security Street Light Credit	-\$5,238.10				-\$1,809.23	-\$3,428.87

BILLING DETERMINANTS for BILLING CYCLE - NOVEMBER, 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**

<i>Days in AMP-Oh Bill Month</i>	30	SEPTEMBER, 2013
<i>Coincidental Peak in Month</i>	31,812	SEPTEMBER, 2013
<i>Days in Data Month</i>	31	OCTOBER, 2013

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

	kWh	Metered kW	Billed kVa	Light	Number of	Monthly kWh	Total kWh
<u>Cstmr. Class or Schedule</u>	<u>Sales</u>	<u>Demand</u>	<u>Demand</u>	<u>Type</u>	<u>Lights</u>	<u>Per Light</u>	<u>by Light Type</u>
Residential (Domestic)	3,153,414	0		52W	3	17.16	51
Residential (Rural)	1,218,032	165		70W	87	23.10	2,010
Commercial (1P)	53,315	13		100W	487	33.00	16,071
Commercial (1P)(D)	412,196	2,120		150W	58	49.50	2,871
Commercial (3P)	40	7		157W	2	51.81	104
Commercial (3P)(D)	2,383,559	8,452		250W	335	82.50	27,638
Large Power (D)	3,516,637	8,842	8,842	400W	105	132.00	13,860
Industrial (D)	3,076,426	5,285	5,285				
Interdepartmental	334,791	853					
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Total kWh, kW and kVa	14,148,410	25,737	14,127		1,077		62,605

Verification Totals ->

14,148,410

25,737

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	
<u>Cstmr. Class or Schedule</u>	<u>Delivered</u>	<u>Demand</u>	<u>Demand</u>	<u>Demand</u>	<u>Demand</u>	<u>Demand</u>	
Residential (Dom) (Cal. D)	3,153,414	4,380	7,295	2,915	2,184	6,564	
Residential (Rural) (Cal. D)	1,218,032	1,692	2,818	1,126	844	2,536	
Commercial (1P) (Cal. D)	53,315	74	123	49	38	112	
Commercial (1P) (Actual D)	412,196	572	2,120	1,548	1,160	1,732	
Commercial (3P) (Cal. D)	40	0	0	0	0	0	
Commercial (3P) (Actual D)	2,383,559	3,310	8,452	5,142	3,852	7,162	
Large Power (Actual D)	3,516,637	4,884	8,842	3,958	2,965	7,849	
Industrial (Actual D)	3,076,426	4,273	5,285	1,012	758	5,031	
Interdepartmental (Cal. D)	334,791	465	774	309	232	696	Var
Total Billed System Demand	14,148,410	19,650	35,709	16,059	12,033	31,682	
Outdoor Lights	62,605	87	145	58	43	130	
Total System Demand	14,211,015	19,737	35,854	16,117	12,076	31,812	
System Load Factor:	60.04%	<- Total kWh Del. / (Total Sys.kW Load X 24 X # Days In Data Month)				31,812	<-Verification Total
		14211015 / (31812 x 24 x 31)					

BILLING DETERMINANTS for BILLING CYCLE - NOVEMBER, 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):	\$713,101	\$713,101	<- Verification Total - Variations Due To Rounding
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	kWh		
	<u>Billing Units</u>	<u>Percent Allocated</u>	<u>Allocated Dollars \$</u>
Res./Interdept. (G1):	4,706,237	33.2635%	\$237,202
Commercial (G2):	2,849,110	20.1373%	\$143,599
Large Power (G3):	3,516,637	24.8554%	\$177,244
Industrial (G4):	3,076,426	21.7440%	\$155,056

Total:	14,148,410	100.0001%	\$713,101	<- Verification Total - Variations Due To Rounding
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Verification Total ->	14,148,410	=====	
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DEMAND COST ALLOCATION:

Total Demand Cost (from Power Bills page):	\$376,265	\$376,265	<- Verification Total - Variations Due To Rounding
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	kW/KVA		
	<u>Billing Units</u>	<u>Percent Allocated</u>	<u>Allocated Dollars \$</u>
Res./Interdept. (G1):	9,796	30.9198%	\$116,340
Commercial (G2):	9,006	28.4262%	\$106,958
Large Power (G3):	7,849	24.7743%	\$93,217
Industrial (G4):	5,031	15.8797%	\$59,750

Total:	31,682	100.0000%	\$376,265	<- Verification Total - Variations Due To Rounding
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Verification Total ->	31,682	=====	
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APPLIED GENERATION & DEMAND COSTS TO MONTHLY BILLING RATES**MONTHLY KWH & DEMAND RATE CALCULATION**

<u>NOVEMBER, 2013</u>	<u>Allocated Costs</u>	<u>Billing Units</u>	<u>PWR.RATES CHARGED</u>
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JV's Purchased Cost kWH to City

JV2 Joint Venture Rate (JV2 Energy Only)			\$0.04998
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JV5 Joint Venture Rate (JV5 Energy Only)			\$0.04998
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Generation Charge:

Res./Interdept. (G1):	\$353,542	4,706,237	\$0.07512
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Commercial (G2):	\$250,557	2,849,110	\$0.08794
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Large Power (G3):	\$177,244	3,516,637	\$0.05040
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Industrial (G4):	\$155,056	3,076,426	\$0.05040
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		14,148,410	
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Large Power (D1):	\$93,217	8,842	\$10.54
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Industrial (D2):	\$59,750	5,285	\$11.31
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Total Billing & Unit Check:	\$1,089,366	14,148,410	
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Verification of Billings & Units:	\$1,089,366	14,148,410	<i>Net Costs/kWh</i>
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Net Average City Cost of Purchased Power/kWH for Month w/Credits:			\$0.08367
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Net Average Customer Cost of Billing per kWH for Prior Billing Month:			\$0.10113
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AMERICAN MUNICIPAL POWER, INC.

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

INVOICE NUMBER: 179421
INVOICE DATE: 10/16/2013
DUE DATE: 10/31/2013
TOTAL AMOUNT DUE: \$898,007.51
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 - September, 2013

MUNICIPAL PEAK: 31,812 kW
TOTAL METERED ENERGY: 13,207,681 kWh

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

Total Power Charges:	\$798,009.33
Total Transmission Charges:	\$89,633.03
Total Other Charges:	\$10,365.14
Total Miscellaneous Charges:	\$0.00

GRAND TOTAL POWER INVOICE: \$898,007.51

****The Total Charges on this invoice may include a credit paid to the Municipal for power supply which was invoiced separately and**

DETAIL INFORMATION OF POWER CHARGES September , 2013
Napoleon

FOR THE MONTH OF:	September, 2013	Total Metered Load kWh:	13,207,681
		Transmission Losses kWh:	-125,181
		Distribution Losses kWh:	0
		Total Energy Req. kWh:	13,082,500
TIME OF FENTS PEAK:	09/10/2013 @ H.E. 15:00	COINCIDENT PEAK kW:	31,624
TIME OF MUNICIPAL PEAK:	09/10/2013 @ H.E. 14:00	MUNICIPAL PEAK kW:	31,812
TRANSMISSION PEAK:	7/17/2012 HE 16:00 EST	TRANSMISSION PEAK kW:	33,431
		PJM Capacity Requirement kW:	32,514

Napoleon Resources

AMP CT - Sched @ ATSI

Demand Charge:	\$1.850000	/ kW *	12,400 kW =	\$22,940.00
Energy Charge:	\$0.064892	/ kWh *	69,092 kWh =	\$4,483.52
Transmission Credit:	\$1.493051	/ kW *	-12,400 kW =	-\$18,513.83
Capacity Credit:	\$0.617855	/ kW *	-12,400 kW =	-\$7,661.41
Subtotal	\$0.018067	/ kWh *	69,092 kWh =	\$1,248.28

Fremont - sched @ Fremont

Demand Charge:	\$3.140000	/ kW *	8,767 kW =	\$27,528.38
Energy Charge:	\$0.028692	/ kWh *	1,009,794 kWh =	\$28,972.54
Net Congestion, Losses, FTR:	\$0.007708	/ kWh *		\$7,782.99
Capacity Credit:	\$0.806155	/ kW *	-8,767 kW =	-\$7,067.56
Debt Service	\$5.047546	/ kW	8,767 kW	\$44,251.84
Adjustment for prior month:				\$30.81
Subtotal	\$0.100515	/ kWh *	1,009,794 kWh =	\$101,499.01

JV6 - Sched @ ATSI

Demand Charge:			300 kW	
Energy Charge:			23,383 kWh	
Transmission Credit:	\$0.367068	/ kW *	-300 kW =	-\$110.12
Capacity Credit:	\$0.055067	/ kW *	-300 kW =	-\$16.52
Subtotal	-\$0.005416	/ kWh *	23,383 kWh =	-\$126.64

Prairie State - Sched @ PJMC

Demand Charge:	\$8.573407	/ kW *	4,976 kW =	\$42,661.27
Energy Charge:	\$0.007486	/ kWh *	2,697,055 kWh =	\$20,191.45
Net Congestion, Losses, FTR:	\$0.005562	/ kWh *		\$15,000.45
Capacity Credit:	\$0.694270	/ kW *	-4,976 kW =	-\$3,454.69
Debt Service	\$22.312363	/ kW	4,976 kW	\$111,026.32
Transmission from PSEC to PJM/MISO	\$0.009942	/ kWh	2,697,055 kWh	\$26,813.70
Board Approved Rate Levelization				-\$2,026.55
Subtotal	\$0.077941	/ kWh *	2,697,055 kWh =	\$210,211.96

Prairie State Replacement from Pool - sched @ PJMC

Energy Charge:	\$0.055315	/ kWh *	536,061 kWh =	\$29,652.28
Net Congestion, Losses, FTR:	\$0.005596	/ kWh *		\$2,999.66
Subtotal	\$0.060911	/ kWh *	536,061 kWh =	\$32,651.93

NYPA - Sched @ NYIS

Demand Charge:	\$3.659590	/ kW *	1,574 kW =	\$5,760.20
Energy Charge:	\$0.010787	/ kWh *	438,488 kWh =	\$4,729.84
Net Congestion, Losses, FTR:	-\$0.002070	/ kWh *		-\$907.74
Capacity Credit:	\$0.840000	/ kW *	-1,574 kW =	-\$1,322.16
Adjustment for prior month:				\$2,555.63
Subtotal	\$0.024666	/ kWh *	438,488 kWh =	\$10,815.77

JV5 - 7X24 @ ATSI

Demand Charge:			3,088 kW	
Energy Charge:			2,223,360 kWh	
Transmission Credit:	\$1.190956	/ kW *	-3,088 kW =	-\$3,677.67
Capacity Credit:	\$0.840000	/ kW *	-3,088 kW =	-\$2,593.92
Subtotal	-\$0.002821	/ kWh *	2,223,360 kWh =	-\$6,271.59

JV5 Losses - Sched @ ATSI

Energy Charge:			32,239 kWh	
Subtotal	#N/A	/ kWh *	32,239 kWh =	\$0.00

JV2 - Sched @ ATSI

Demand Charge:			264 kW	
Energy Charge:	\$0.195511	/ kWh *	745 kWh =	\$145.56
Transmission Credit:	\$2.040852	/ kW *	-264 kW =	-\$538.78
Capacity Credit:	\$0.760973	/ kW *	-264 kW =	-\$200.90
Real Time Market Revenue from JV2 Operations				-\$553.29
Subtotal	-\$1.541154	/ kWh *	745 kWh =	-\$1,147.41

Napoleon Solar - sched @ ATSI

Demand Charge:			1,040 kW	
Energy Charge:	\$0.085000	/ kWh *	156,013 kWh =	\$13,261.15
Subtotal	\$0.085000	/ kWh *	156,013 kWh =	\$13,261.15

DETAIL INFORMATION OF POWER CHARGES September , 2013
Napoleon

AMPGS Replacement 2013 5x16 - 5x16 @ AD

Demand Charge:			5,000 kW	
Energy Charge:	\$0.069210	/ kWh *	1,600,000 kWh =	\$110,736.00
Net Congestion, Losses, FTR:	\$0.002565	/ kWh *		\$4,103.93
Subtotal	\$0.071775	/ kWh *	1,600,000 kWh =	\$114,839.93

AMPGS Replacement 2013 7x24 - 7x24 @ AD

Demand Charge:			7,000 kW	
Energy Charge:	\$0.059750	/ kWh *	5,040,000 kWh =	\$301,140.00
Net Congestion, Losses, FTR:	\$0.001646	/ kWh *		\$8,296.72
Subtotal	\$0.061396	/ kWh *	5,040,000 kWh =	\$309,436.72

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:

On Peak Energy Charge: (M-F HE 08-23 EDT)	\$0.062321	/ kWh *	25,537 kWh =	\$1,591.50
Off Peak Energy Charge:	\$0.049296	/ kWh *	463,724 kWh =	\$22,859.80
Sale of Excess Non-Pool Resources to Pool	\$0.041387	/ kWh *	-1,232,990 kWh =	-\$51,029.50
Subtotal	\$0.035736	/ kWh *	-743,730 kWh =	-\$26,578.19

Total Demand Charges: **\$209,010.45**

Total Energy Charges: **\$588,998.88**

Total Power Charges: **13,082,500 kWh \$798,009.33**

TRANSMISSION CHARGES:

Demand Charge:	\$1.208968	/ kW *	33,431 kW =	\$40,417.01
Energy Charge:	\$0.001504	/ kWh *	10,859,140 kWh =	\$16,335.02
RPM (Capacity) Charges:	\$1.011300	/ kW *	32,514 kW =	\$32,881.00
TOTAL TRANSMISSION CHARGES:	\$0.008254	/ kWh *	10,859,140 kWh =	\$89,633.03

Dispatch Center Charges: \$0.000104 / kWh * 13,207,681 kWh = \$1,368.45

Service Fee Part A,
Based on Annual Municipal Sales \$0.000204 / kWh * 156,294,126 kWh 1/12 = \$2,657.00

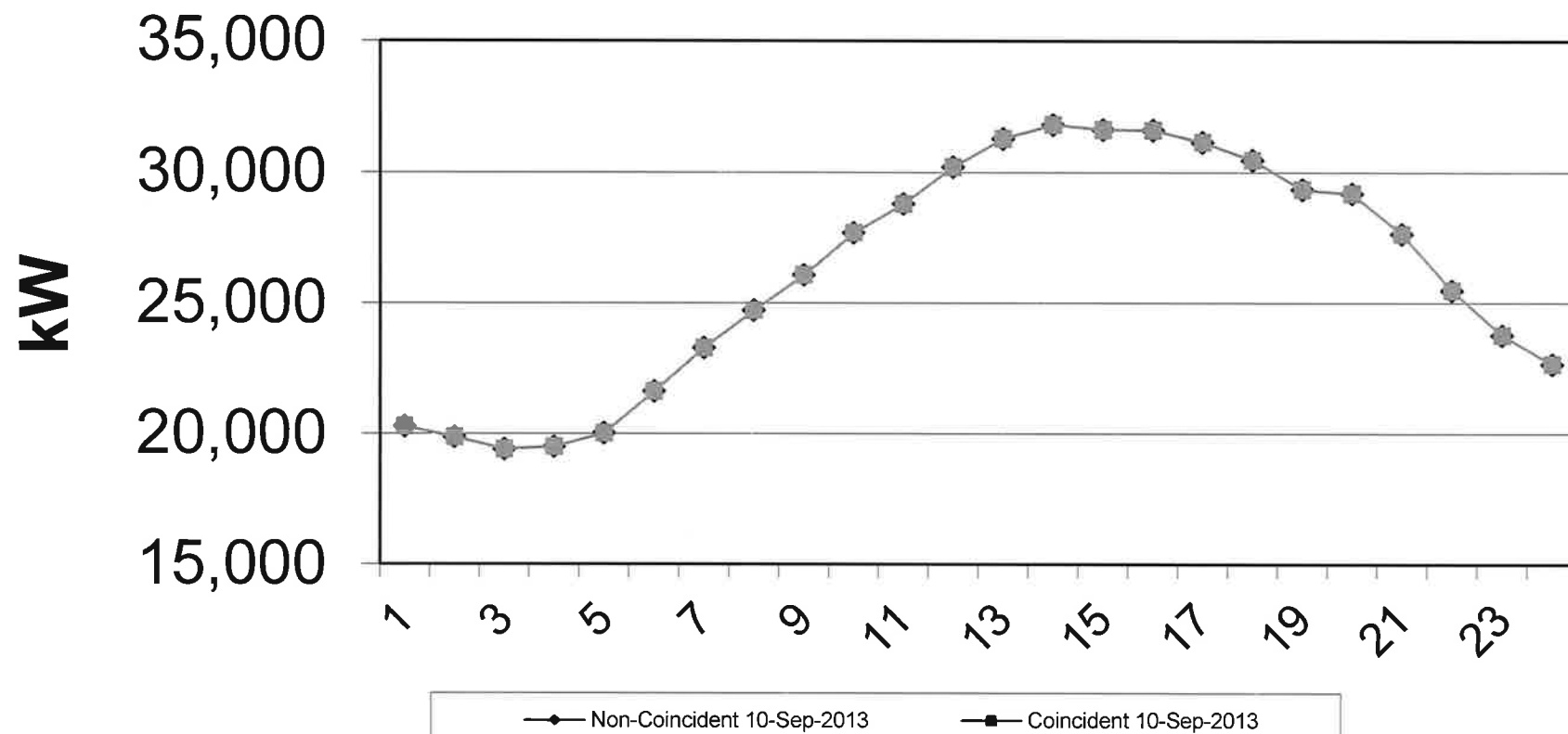
Service Fee Part B.
Energy Purchases \$0.000480 /kWh * 13,207,681 kWh = \$6,339.69

TOTAL OTHER CHARGES: **\$10,365.14**

GRAND TOTAL POWER INVOICE: **\$898,007.51**

Napoleon Capacity Plan - Actual											
Sep 2013		ACTUAL DEMAND = 31.812 MW									
Days 30		ACTUAL ENERGY = 13,208 MWH									
	SOURCE	DEMAND MW	ENERGY MWH	LOAD FACTOR	RATE \$/KW	RATE \$/MWH	DEMAND CHARGE	ENERGY CHARGE	TOTAL CHARGES	EFFECTIVE RATE \$/MWH	% OF DOLLARS
	(1)	(2)	(4)	(5)	(6)	(7)	(9)	(10)	(11)	(12)	(13)
1	NPP Pool Purchases	0.00	489	0%	\$0.00	\$49.98	\$0	\$24,451	\$24,451	\$49.98	2.4%
2	NPP Pool Sales	0.00	-1,233	0%	\$0.00	\$41.39	\$0	-\$51,030	-\$51,030	\$41.39	-4.9%
3	AFEC	8.77	1,010	16%	\$7.38	\$36.40	\$64,743	\$36,756	\$101,499	\$100.51	9.8%
4	Prairie State	4.98	2,697	75%	\$35.17	\$13.05	\$175,020	\$35,192	\$210,212	\$77.94	20.4%
5	NYPA - Ohio	1.57	438	39%	\$2.82	\$14.54	\$4,438	\$6,378	\$10,816	\$24.67	1.0%
6	JV5	3.09	2,223	100%	\$22.61	\$24.87	\$69,826	\$55,296	\$125,123	\$56.28	12.1%
7	JV6	0.30	23	11%	\$15.85	\$0.00	\$4,756	\$0	\$4,756	\$203.42	0.5%
8	Napoleon Solar	1.04	156	21%	\$0.00	\$85.00	\$0	\$13,261	\$13,261	\$85.00	1.3%
9	AMPGS Replace 7x24	7.00	5,040	100%	\$0.00	\$61.40	\$0	\$309,437	\$309,437	\$61.40	30.0%
10	AMPGS Replace 5x16	5.00	1,600	44%	\$0.00	\$71.77	\$0	\$114,840	\$114,840	\$71.77	11.1%
11	Prairie State Replacement from Po	0.00	536	0%	\$0.00	\$60.91	\$0	\$32,652	\$32,652	\$60.91	3.2%
12	AMPCT	12.40	69	1%	-\$0.26	\$64.89	-\$3,235	\$4,484	\$1,248	\$18.07	0.1%
13	JV2	0.26	1	0%	-\$1.60	-\$547.15	-\$421	-\$408	-\$829	-\$1,112.47	-0.1%
	POWER TOTAL	44.41	13,050	41%			\$315,128	\$581,309	\$896,437	\$68.69	86.9%
14	Energy Efficiency		0		\$0.00	\$0.00	\$0	\$38,168	\$38,168	\$0.00	3.7%
15	Installed Capacity	32.51			\$1.01		\$32,881	\$0	\$32,881	\$2.49	3.2%
16	TRANSMISSION	33.43	10,859		\$1.21	\$1.50	\$40,417	\$16,335	\$56,752	\$4.30	5.5%
17	Distribution Charge	31.81			\$0.00	\$0.00	\$0	\$0	\$0	\$0.00	0.0%
18	Service Fee B		13,208			\$0.48		\$6,340	\$6,340	\$0.48	0.6%
19	Dispatch Charge		13,208			\$0.10		\$1,368	\$1,368	\$0.10	0.1%
	OTHER TOTAL						\$73,298	\$62,212	\$135,510	\$10.26	13.1%
GRAND TOTAL PURCHASED			13,050				\$388,426	\$643,520	\$1,031,946		
Delivered to members		31.812	13,208	58%			\$388,426	\$643,520	\$1,031,946	\$78.13	100.0%
	2013 Forecast	DEMAND 32.20	ENERGY 13,305	L.F. 57%					TOTAL \$ 924,043	\$/MWh 69.45	Avg Temp 64.1
	2012 Actual	27.78	12,720	64%					\$942,256	\$74.08	62.2
	2011 Actual	31.00	12,811	57%					\$959,752	\$74.92	62.8
									Actual Temp		63.8

Napoleon Peak Day Load Curve



	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Date	9/1/2013	9/2/2013	9/3/2013	9/4/2013	9/5/2013	9/6/2013	9/7/2013	9/8/2013	9/9/2013	9/10/2013	9/11/2013	9/12/2013	9/13/2013	9/14/2013	9/15/2013
Hour															
100	16,021	13,624	14,412	16,379	17,464	16,147	14,120	15,094	16,183	20,277	21,561	20,174	16,717	13,828	12,673
200	15,311	12,902	14,070	16,206	16,920	16,066	13,788	14,630	15,928	19,872	20,906	19,720	16,263	13,593	12,394
300	14,990	12,549	13,917	15,970	16,672	15,603	13,484	14,230	15,675	19,411	20,402	19,346	15,903	13,367	12,348
400	14,508	12,293	14,152	16,198	16,956	15,767	13,447	13,901	15,825	19,509	20,179	19,389	16,095	13,313	12,402
500	14,310	12,531	15,374	16,599	17,713	16,459	13,685	13,601	16,790	20,014	20,694	19,962	16,807	13,616	12,496
600	13,989	12,851	17,270	17,829	19,363	17,844	14,120	14,006	18,458	21,615	22,126	21,407	17,867	14,173	13,051
700	13,736	12,829	18,240	18,589	20,424	18,471	14,493	14,389	19,975	23,277	23,518	22,832	18,506	14,538	13,238
800	14,632	13,372	18,772	19,471	20,610	19,149	15,223	15,064	20,453	24,716	24,165	22,915	18,790	15,077	13,454
900	16,120	14,374	19,290	20,228	21,298	19,784	16,204	15,978	20,833	26,075	24,876	23,262	19,436	15,886	14,255
1000	17,095	15,315	20,132	20,888	21,705	20,170	16,872	16,428	21,187	27,687	26,442	23,703	19,863	16,238	14,609
1100	17,726	16,332	19,996	21,361	21,766	20,619	17,470	16,879	21,631	28,793	27,731	24,005	19,689	16,135	15,143
1200	17,940	17,136	20,370	21,848	21,864	20,925	18,199	17,392	21,857	30,212	29,143	23,907	19,595	16,107	15,134
1300	17,845	17,702	20,773	22,550	22,140	21,232	18,838	17,177	22,661	31,283	30,458	23,941	19,769	16,135	15,380
1400	17,696	17,808	20,891	22,731	22,265	21,189	19,098	17,230	23,459	31,812	30,673	24,837	19,610	15,789	15,280
1500	17,515	18,790	21,006	22,637	21,955	21,288	19,325	17,233	24,322	31,624	30,753	25,022	18,795	15,601	15,417
1600	17,991	18,964	21,179	23,096	21,828	21,069	19,214	18,063	25,536	31,610	30,089	25,344	18,618	15,521	15,696
1700	18,314	18,794	20,832	23,150	21,232	20,809	19,321	18,502	25,807	31,144	29,745	24,587	18,082	15,636	16,080
1800	18,657	18,206	20,698	22,694	21,022	20,118	19,015	18,347	26,081	30,481	29,364	23,509	17,669	15,530	16,092
1900	17,892	17,576	20,350	22,161	20,279	19,490	19,013	17,994	25,813	29,351	28,718	23,143	17,255	15,242	16,499
2000	17,760	17,622	20,950	22,284	20,632	19,598	19,804	18,719	26,159	29,192	27,953	22,549	18,121	16,113	16,975
2100	17,485	18,994	20,513	21,471	20,040	19,060	19,188	18,235	25,253	27,648	26,430	21,428	17,916	15,612	



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: 178994

INVOICE DATE: 10/8/2013

DUE DATE: 10/18/2013

TOTAL AMOUNT DUE: \$318.52

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 -

September, 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			\$35.99

TOTAL CHARGES

\$318.52



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: 179327

INVOICE DATE: 10/4/2013

DUE DATE: 10/21/2013

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: **September, 2013**

DEMAND CHARGES:

Base Financing Demand Charge: (Invoiced separately 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
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ENERGY CHARGES:

JV5 Repl. Pwr. & Variable (Budgeted Rate):	\$0.024871	/ kWh *	2,223,360 kWh =	\$55,296.09
JV5 Fuel Cost (Actual Expense):	\$0.000000	/ kWh *	2,223,360 kWh =	\$0.00

TOTAL ENERGY CHARGES:	\$0.024871	/ kWh *	2,223,360 kWh =	\$55,296.09
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SUB-TOTAL				\$66,920.08
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Total OMEGA JV5 Invoice:	\$66,920.08
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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: 179369
INVOICE DATE: 10/4/2013
DUE DATE: 10/21/2013
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: **October, 2013**

Financing CHARGES:				
Base Financing Principal Payment:	\$13.306145	/ kW *	3,088 kW =	\$41,089.38
Base Financing Interest Payment:	\$7.572760	/ kW *	3,088 kW =	\$23,384.68
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TOTAL Financing CHARGES:	\$20.878905	/ kW *	3,088 kW =	\$64,474.06
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SUB-TOTAL	\$64,474.06
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Total OMEGA JV5 Financing Invoice:	\$64,474.06
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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
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: 179327
INVOICE DATE: 10/4/2013
DUE DATE: 10/21/2013
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: September, 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
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ENERGY CHARGES:

JV5 Repl. Pwr. & Variable (Budgeted Rate):	\$0.024871	/ kWh *	2,223,360 kWh =	\$55,296.09
JV5 Fuel Cost (Actual Expense):	\$0.000000	/ kWh *	2,223,360 kWh =	\$0.00

TOTAL ENERGY CHARGES:	\$0.024871	/ kWh *	2,223,360 kWh =	\$55,296.09
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SUB-TOTAL				\$66,920.08
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Total OMEGA JV5 Invoice:	\$66,920.08
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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: 179369
INVOICE DATE: 10/4/2013
DUE DATE: 10/21/2013
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: **October, 2013**

Financing CHARGES:

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

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

1111 Schrock Rd, Suite 100

COLUMBUS, OHIO 43229

PHONE: (614) 540-1111

FAX: (614) 540-1078

INVOICE NUMBER: 179250**INVOICE DATE:** 10/1/2013**DUE DATE:** 10/15/2013**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 2013Electric Fixed

300 Kw * 4.51 per kW-Month

Total

AMOUNT DUE FOR : October, 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**

**AMERICAN MUNICIPAL POWER, INC.**

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

INVOICE NUMBER: 179240
INVOICE DATE: 10/1/2013
DUE DATE: 10/15/2013
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 2013Demand Charge

300 Kw * 11.77 per kW-Month

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

AMOUNT DUE FOR :	October, 2013 -	Principal	\$3,510.20
		Interest	\$20.80

TOTAL CHARGES**\$3,531.00**

BILLING DETERMINANTS for BILLING CYCLE - NOVEMBER, 2013

NOVEMBER, 2013

2013 - NOVEMBER BILLING WITH OCTOBER 2013 DATA BILLING UNITS

Class and/or Schedule	Rate	Oct-13 # of Bills	Oct-13 (kWh Usage)	Oct-13 Billed	Billed kVa of Demand	Cost / kWh For Month	Cost / kWh Prior 12 Mo Average	Nov-12 # of Bills	Nov-12 (kWh Usage)	Nov-12 Billed	Cost / kWh For Month	Dec-12 # of Bills	Dec-12 (kWh Usage)	Dec-12 Billed	Cost / kWh For Month
Residential (Dom-In)	E1	3,352	2,707,079	\$289,286.38	0	\$0.1069	\$0.1090	3,340	1,712,390	\$175,969.61	\$0.1028	3,356	1,965,727	\$233,374.50	\$0.1187
Residential (Dom-In) w/Ecosmart	E1E	10	7,615	\$817.16	0	\$0.1073	\$0.1097	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000
Residential (Dom-In - All Electric)	E2	615	438,071	\$47,246.44	0	\$0.1079	\$0.1061	616	326,201	\$33,400.85	\$0.1024	622	475,726	\$55,336.67	\$0.1163
Res. (Dom-In - All Elec.) w/Ecosmart	E2E	1	649	\$70.53	0	\$0.1087	\$0.1094	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000
Total Residential (Domestic)		3,978	3,153,414	\$337,420.51	0	\$0.1070	\$0.1084	3,956	2,038,591	\$209,370.46	\$0.1027	3,978	2,441,453	\$288,711.17	\$0.1183
Residential (Rural-Out)	ER1	744	765,877	\$87,187.47	0	\$0.1138	\$0.1145	740	535,533	\$58,690.66	\$0.1096	738	687,628	\$85,202.59	\$0.1239
Residential (Rural-Out) w/Ecosmart	ER1E	4	2,801	\$331.83	0	\$0.1185	\$0.1194	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000
Residential (Rural-Out - All Electric)	ER2	387	420,500	\$47,656.66	0	\$0.1133	\$0.1125	390	333,451	\$35,806.28	\$0.1074	390	442,218	\$53,949.94	\$0.1220
Res. (Rural-Out - All Electric) w/Ecosmart	ER2E	2	1,218	\$146.83	0	\$0.1206	\$0.1134	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000
Residential (Rural-Out w/Dmd)	ER3	15	17,687	\$1,988.32	101	\$0.1124	\$0.1110	15	16,892	\$1,765.68	\$0.1045	15	88,829	\$10,166.91	\$0.1145
Residential (Rural-Out - All Electric w/Dmd)	ER4	9	9,949	\$1,125.58	64	\$0.1131	\$0.1123	10	15,361	\$1,568.48	\$0.1021	10	24,324	\$2,848.41	\$0.1171
Total Residential (Rural)		1,161	1,218,032	\$138,436.69	165	\$0.1137	\$0.1136	1,155	901,237	\$97,831.10	\$0.1086	1,153	1,242,999	\$152,167.85	\$0.1224
Commercial (1 Ph-In - No Dmd)	EC2	74	41,653	\$5,774.75	13	\$0.1386	\$0.1391	73	31,337	\$4,028.13	\$0.1285	71	35,851	\$5,454.44	\$0.1521
Commercial (1 Ph-Out - No Dmd)	EC2O	41	11,662	\$1,862.65	0	\$0.1597	\$0.1542	40	10,055	\$1,493.07	\$0.1485	40	15,970	\$2,531.11	\$0.1585
Total Commercial (1 Ph) No Dmd		115	53,315	\$7,637.40	13	\$0.1433	\$0.1429	113	41,392	\$5,521.20	\$0.1334	111	51,821	\$7,985.55	\$0.1541
Commercial (1 Ph-In - w/Demand)	EC1	265	377,416	\$49,507.55	1934	\$0.1312	\$0.1338	263	314,268	\$38,600.36	\$0.1228	263	296,697	\$44,055.55	\$0.1485
Commercial (1 Ph-Out - w/Demand)	EC1O	25	34,780	\$4,604.20	186	\$0.1324	\$0.1327	26	29,657	\$3,658.55	\$0.1234	26	29,713	\$4,457.13	\$0.1500
Total Commercial (1 Ph) w/Demand		290	412,196	\$54,111.75	2,120	\$0.1313	\$0.1337	289	343,925	\$42,258.91	\$0.1229	289	326,410	\$48,512.68	\$0.1486
Commercial (3 Ph-Out - No Dmd)	EC4O	2	40	\$40.70	7	\$1.0175	\$0.1438	2	0	\$36.00	\$0.0000	2	2,920	\$410.70	\$0.1407
Total Commercial (3 Ph) No Dmd		2	40	\$40.70	7	\$1.0175	\$0.1438	2	0	\$36.00	\$0.0000	2	2,920	\$410.70	\$0.1407
Commercial (3 Ph-In - w/Demand)	EC3	209	1,940,437	\$226,281.59	6972	\$0.1166	\$0.1165	201	1,649,795	\$166,153.20	\$0.1007	202	1,433,364	\$186,473.94	\$0.1301
Commercial (3 Ph-Out - w/Demand)	EC3O	35	312,762	\$36,336.25	1075	\$0.1162	\$0.1199	32	320,986	\$33,186.01	\$0.1034	31	467,956	\$56,885.58	\$0.1216
Commercial (3 Ph-Out - w/Dmd.&Sub-St)	E3SO	2	125,600	\$13,595.49	390	\$0.1082	\$0.1084	2	132,080	\$12,068.67	\$0.0914	2	125,840	\$14,959.29	\$0.1189
Commercial (3 Ph-In - w/Demand, No Ta)	EC3T	1	4,760	\$537.79	15	\$0.1130	\$0.1214	1	4,040	\$415.97	\$0.1030	1	1,680	\$243.69	\$0.1451
Total Commercial (3 Ph) w/Demand		247	2,383,559	\$276,751.12	8,452	\$0.1161	\$0.1164	236	2,106,901	\$211,823.85	\$0.1005	236	2,028,840	\$258,562.50	\$0.1274
Large Power (In - w/Dmd & Rct)	EL1	24	2,851,318	\$261,397.73	6204	\$0.0917	\$0.0940	26	3,585,563	\$295,809.50	\$0.0825	24	2,459,872	\$259,171.51	\$0.1054
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	2	150,720	\$19,867.10	643	\$0.1318	\$0.1431	2	73,560	\$8,298.94	\$0.1128	2	76,560	\$11,468.48	\$0.1498
Large Power (Out - w/Dmd & Rct)	EL1O	2	92,960	\$11,043.20	338	\$0.1188	\$0.1137	1	57,780	\$6,358.18	\$0.1100	1	64,260	\$8,346.49	\$0.1299
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	2	346,080	\$35,694.13	994	\$0.1031	\$0.1016	2	342,720	\$31,080.96	\$0.0907	2	386,880	\$40,465.13	\$0.1046
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	75,559	\$15,440.11	663	\$0.2043	\$0.1253	2	56,780	\$6,162.01	\$0.1085	2	38,400	\$4,273.20	\$0.1113
Total Large Power		32	3,516,637	\$343,442.27	8,842	\$0.0977	\$0.0977	33	4,116,403	\$347,709.59	\$0.0845	31	3,025,972	\$323,724.81	\$0.1070
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	2	2,054,036	\$162,716.59	3569	\$0.0792	\$0.0802	1	1,100,838	\$80,039.40	\$0.0727	2	2,075,060	\$182,854.76	\$0.0881
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1	1,022,390	\$79,931.60	1716	\$0.0782	\$0.0819	1	412,665	\$37,114.15	\$0.0899	1	802,864	\$72,710.19	\$0.0906
Total Industrial		3	3,076,426	\$242,648.19	5,285	\$0.0789	\$0.0807	2	1,513,503	\$117,153.55	\$0.0774	3	2,877,924	\$255,564.95	\$0.0888
Interdepartmental (In - No Dmd)	ED1	48	85,376	\$8,366.37	18	\$0.0980	\$0.0971	49	89,813	\$8,046.07	\$0.0896	49	117,123	\$12,512.08	\$0.1068
Interdepartmental (Out - No Dmd)	ED1O	1	0	\$0.00	0	\$0.0000	\$0.0956	1	0	\$0.00	\$0.0000	1	29	\$3.09	\$0.1066
Interdepartmental (In - w/Dmd)	ED2	20	221,105	\$21,078.59	753	\$0.0953	\$0.0951	20	197,249	\$17,159.98	\$0.0870	20	273,670	\$28,493.96	\$0.1041
Generators (JV2 Power Cost Only)	GJV2	1	15,302	\$459.52	59	\$0.0300	\$0.0000	2	21,389	\$451.10	\$0.0211	2	24,071	\$507.90	\$0.0211
Generators (JV5 Power Cost Only)	GJV5	1	13,008	\$390.63	23	\$0.0300	\$0.0000	1	13,812	\$291.30	\$0.0211	1	15,853	\$334.50	\$0.0211
Total Interdepartmental		71	334,791	\$30,295.11	853	\$0.0905	\$0.0910	73	322,263	\$25,948.45	\$0.0805	73	430,746	\$41,851.53	\$0.0972
SUB-TOTAL CONSUMPTION & DEMAND		5,899	14,148,410	\$1,430,783.74	25,737	\$0.1011	\$0.1017	5,859	11,384,215	\$1,057,653.11	\$0.0929	5,876	12,429,085	\$1,377,491.74	\$0.1108
Street Lights (In)	SLO	19	0	\$24.21	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	-\$1.15	\$0.0000	2	0	\$1.92	\$0.0000
Total Street Light Only		21	0	\$24.98	0	\$0.0000	\$0.0000	18	0	\$13.05	\$0.0000	18	0	\$16.12	\$0.0000
TOTAL CONSUMPTION & DEMAND		5,920	14,148,410	\$1,430,808.72	25,737	\$0.1011	\$0.1017	5,877	11,384,215	\$1,057,666.16	\$0.0929	5,894	12,429,085	\$1,377,507.86	\$0.1108

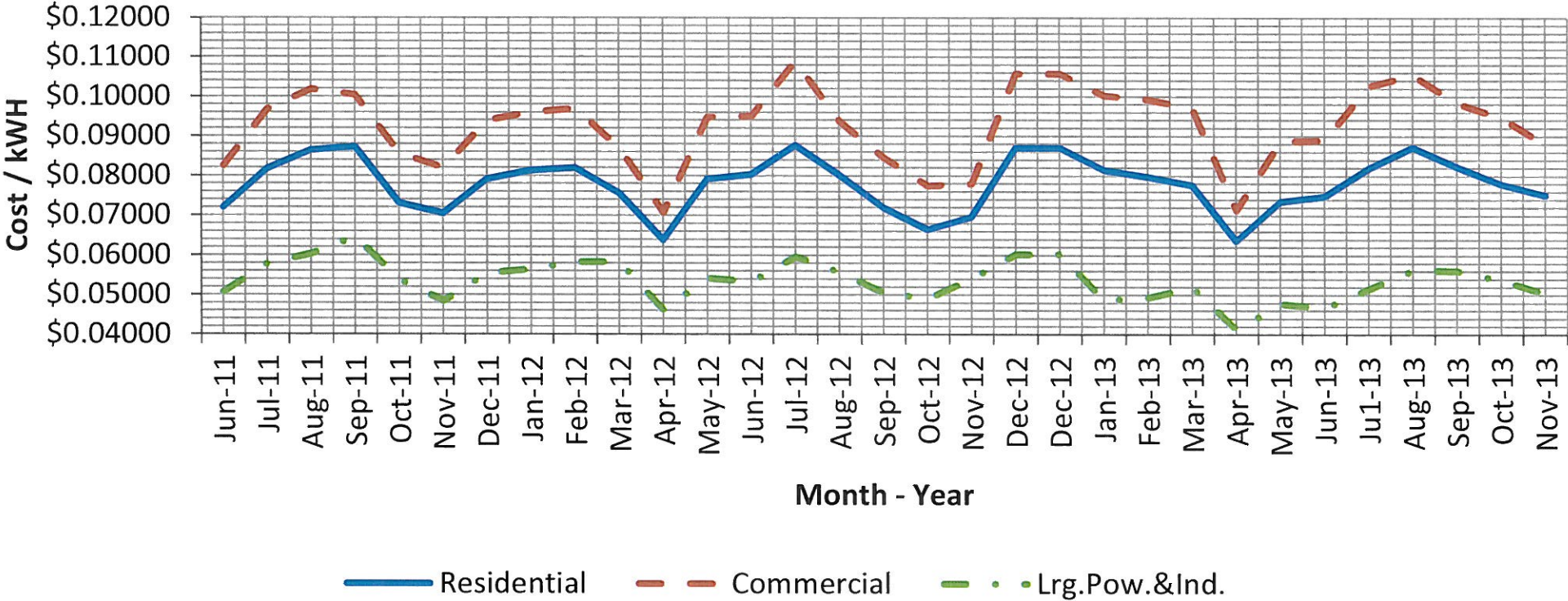
BILLING DETERMINANTS for**NOVEMBER, 2013****2013 - NOVEMBER BILLING WITH OCTOBER 2013**

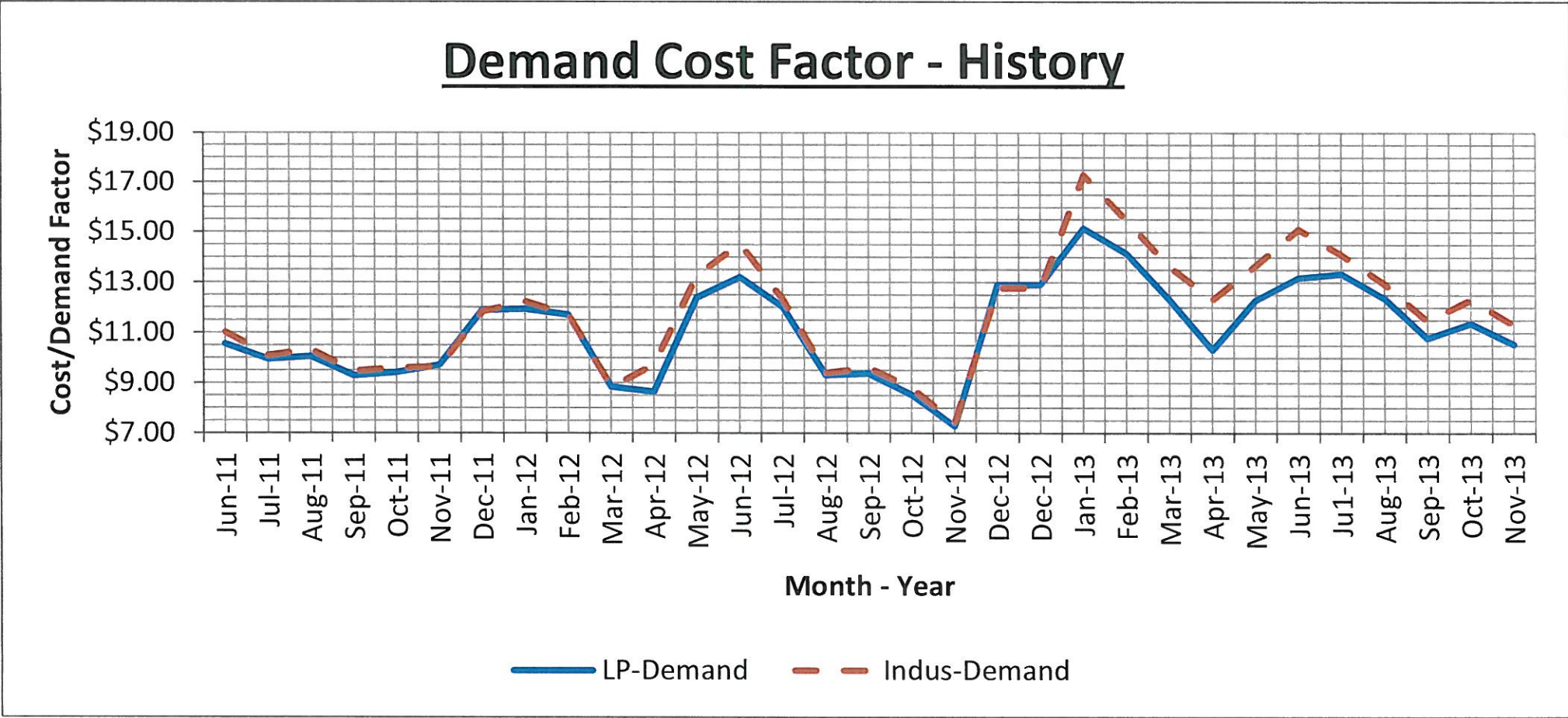
Class and/or Schedule	Rate	Jan-13 # of Bills	Jan-13 (kWh Usage)	Jan-13 Billed	Cost / kWh For Month	Feb-13 # of Bills	Feb-13 (kWh Usage)	Feb-13 Billed	Cost / kWh For Month	Mar-13 # of Bills	Mar-13 (kWh Usage)	Mar-13 Billed	Cost / kWh For Month	Apr-13 # of Bills	Apr-13 (kWh Usage)	Apr-13 Billed	Cost / kWh For Month	May-13 # of Bills
Residential (Dom-In)	E1	3,346	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	\$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	613	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	\$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)		3,959	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	737	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	\$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	389	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	\$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	15	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/Dmd)	ER4	10	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)		1,151	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	72	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	40	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		112	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	264	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	26	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		290	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	2	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		2	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	203	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	31	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	2	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	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		237	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	24	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	2	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	1	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	2	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	2	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		31	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	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	1	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		3	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	49	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	1	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	20	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	1	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	1	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		72	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		5,857	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	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	\$0.77	\$0.0000	2	0	\$0.77	\$0.0000	2
Total Street Light Only		18	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		5,875	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

ELECTRIC				BILLING DETERMINANTS								DETERMINANTS							
<u>BILLING DETERMINANTS for</u>																			
NOVEMBER, 2013																			
2013 - NOVEMBER BILLING WITH OCTOBER 2013																			
Class and/or	Rate	May-13	May-13	Cost / kWh	Jun-13	Jun-13	Jun-13	Cost / kWh	Jul-13	Jul-13	Jul-13	Cost / kWh	Aug-13	Aug-13	Aug-13	Cost / kWh	Sep-13		
Schedule	Code	(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	2,097,825	\$219,312.32	\$0.1045	3,325	1,765,993	\$190,084.46	\$0.1076	3,329	2,109,409	\$238,024.02	\$0.1128	3,339	2,793,644	\$323,607.27	\$0.1158	3,346		
Residential (Dom-In) w/Ecosmart	E1E	5,729	\$610.25	\$0.1065	11	5,045	\$552.04	\$0.1094	10	5,709	\$650.14	\$0.1139	10	7,875	\$915.88	\$0.1163	10		
Residential (Dom-In - All Electric)	E2	641,136	\$64,572.38	\$0.1007	615	413,084	\$43,487.63	\$0.1053	610	381,054	\$43,044.41	\$0.1130	610	459,912	\$53,640.76	\$0.1166	611		
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	530	\$56.35	\$0.1063	1	553	\$59.28	\$0.1072	1	540	\$61.82	\$0.1145	1	749	\$87.40	\$0.1167	1		
Total Residential (Domestic)		2,745,220	\$284,551.30	\$0.1037	3,952	2,184,675	\$234,183.41	\$0.1072	3,950	2,496,712	\$281,780.39	\$0.1129	3,960	3,262,180	\$378,251.31	\$0.1160	3,968		
Residential (Rural-Out)	ER1	719,208	\$79,029.09	\$0.1099	736	602,361	\$68,227.84	\$0.1133	740	649,817	\$77,628.41	\$0.1195	742	804,572	\$98,634.57	\$0.1226	751		
Residential (Rural-Out) w/Ecosmart	ER1E	2,425	\$281.94	\$0.1163	4	2,177	\$260.10	\$0.1195	4	2,379	\$297.24	\$0.1249	4	3,242	\$407.72	\$0.1258	4		
Residential (Rural-Out - All Electric)	ER2	498,799	\$53,592.14	\$0.1074	387	389,087	\$43,185.77	\$0.1110	388	369,258	\$43,788.90	\$0.1186	388	435,667	\$53,273.12	\$0.1223	389		
Res. (Rural-Out - All Electric) w/Ecosmart	ER2E	2,457	\$264.95	\$0.1078	2	1,394	\$160.85	\$0.1154	2	1,119	\$140.92	\$0.1259	2	1,301	\$167.52	\$0.1288	2		
Residential (Rural-Out w/Dmd)	ER3	17,927	\$1,935.64	\$0.1080	15	20,251	\$2,193.46	\$0.1083	15	14,299	\$1,694.10	\$0.1185	15	13,744	\$1,706.92	\$0.1242	15		
Residential (Rural-Out - All Electric w/Dmd)	ER4	10,191	\$1,105.78	\$0.1085	9	8,961	\$995.26	\$0.1111	9	8,647	\$1,024.44	\$0.1185	9	9,649	\$1,183.75	\$0.1227	9		
Total Residential (Rural)		1,251,007	\$136,209.54	\$0.1089	1,153	1,024,231	\$115,023.28	\$0.1123	1,158	1,045,519	\$124,574.01	\$0.1192	1,160	1,268,175	\$155,373.60	\$0.1225	1,170		
Commercial (1 Ph-In - No Dmd)	EC2	39,977	\$5,341.20	\$0.1336	73	38,351	\$5,151.02	\$0.1343	72	38,861	\$5,726.54	\$0.1474	73	40,420	\$6,052.00	\$0.1497	75		
Commercial (1 Ph-Out - No Dmd)	EC2O	12,208	\$1,840.55	\$0.1508	40	11,514	\$1,765.50	\$0.1533	40	10,884	\$1,843.98	\$0.1694	41	21,517	\$3,245.61	\$0.1508	41		
Total Commercial (1 Ph) No Dmd		52,185	\$7,181.75	\$0.1376	113	49,865	\$6,916.52	\$0.1387	112	49,745	\$7,570.52	\$0.1522	114	61,937	\$9,297.61	\$0.1501	116		
Commercial (1 Ph-In - w/Demand)	EC1	336,852	\$42,423.48	\$0.1259	265	299,825	\$39,112.08	\$0.1304	263	309,023	\$45,194.18	\$0.1462	267	338,332	\$49,294.19	\$0.1457	267		
Commercial (1 Ph-Out - w/Demand)	EC1O	38,246	\$4,721.23	\$0.1234	25	32,186	\$4,099.52	\$0.1274	25	30,526	\$4,419.46	\$0.1448	25	33,111	\$4,864.44	\$0.1469	25		
Total Commercial (1 Ph) w/Demand		375,098	\$47,144.71	\$0.1257	290	332,011	\$43,211.60	\$0.1302	288	339,549	\$49,613.64	\$0.1461	292	371,443	\$54,158.63	\$0.1458	292		
Commercial (3 Ph-Out - No Dmd)	EC4O	0	\$36.00	\$0.0000	2	40	\$40.46	\$1.0115	2	240	\$66.06	\$0.2753	2	40	\$41.13	\$1.0283	2		
Total Commercial (3 Ph) No Dmd		0	\$36.00	\$0.0000	2	40	\$40.46	\$1.0115	2	240	\$66.06	\$0.2753	2	40	\$41.13	\$1.0283	2		
Commercial (3 Ph-In - w/Demand)	EC3	1,419,100	\$158,157.82	\$0.1114	205	1,457,724	\$162,428.10	\$0.1114	205	1,522,550	\$190,539.80	\$0.1251	206	1,654,048	\$211,496.38	\$0.1279	208		
Commercial (3 Ph-Out - w/Demand)	EC3O	186,793	\$22,279.26	\$0.1193	32	177,589	\$21,198.29	\$0.1194	32	188,637	\$25,562.32	\$0.1355	32	189,643	\$26,288.29	\$0.1386	34		
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	126,840	\$14,799.24	\$0.1167	2	115,480	\$13,881.00	\$0.1202	2		
Commercial (3 Ph-In - w/Demand, No Tax)	EC3T	1,720	\$199.71	\$0.1161	1	1,680	\$195.58	\$0.1164	1	1,680	\$276.68	\$0.1647	1	3,000	\$416.76	\$0.1389	1		
Total Commercial (3 Ph) w/Demand		1,727,933	\$193,042.01	\$0.1117	240	1,750,353	\$195,641.68	\$0.1118	240	1,839,707	\$231,178.04	\$0.1257	241	1,962,171	\$252,082.43	\$0.1285	245		
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	2,586,195	\$250,122.74	\$0.0967	24	2,620,054	\$262,653.75	\$0.1002	24		
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	70,560	\$16,900.07	\$0.2395	2	84,480	\$18,753.31	\$0.2220	2		
Large Power (Out - w/Dmd & Rct)	EL1O	71,460	\$7,531.24	\$0.1054	1	63,000	\$7,341.06	\$0.1165	1	73,980	\$8,336.45	\$0.1127	1	86,580	\$10,240.70	\$0.1183	1		
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	347,520	\$36,252.97	\$0.1043	2	290,160	\$34,745.28	\$0.1197	2		
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	81,493	\$7,169.32	\$0.0880	2	74,511	\$14,585.20	\$0.1957	2		
Total Large Power		3,017,697	\$279,628.34	\$0.0927	31	3,001,164	\$292,476.73	\$0.0975	31	3,159,748	\$318,781.55	\$0.1009	31	3,155,785	\$340,978.24	\$0.1080	31		
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	2	2,096,838	\$167,377.82	\$0.0798	2	1,878,883	\$159,221.08	\$0.0847	2		
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	1,048,294	\$84,061.55	\$0.0802	1	990,973	\$82,769.36	\$0.0835	1		
Total Industrial		2,777,439	\$216,786.64	\$0.0781	3	2,958,628	\$230,298.79	\$0.0778	3	3,145,132	\$251,439.37	\$0.0799	3	2,869,856	\$241,990.44	\$0.0843	3		
Interdepartmental (In - No Dmd)	ED1	146,880	\$13,667.99	\$0.0931	49	107,189	\$10,148.70	\$0.0947	52	88,992	\$9,067.37	\$0.1019	49	86,904	\$9,315.56	\$0.1072	49		
Interdepartmental (Out - No Dmd)	ED1O	125	\$11.64	\$0.0931	1	0	\$0.00	\$0.0000	1	0	\$0.00	\$0.0000	1	0	\$0.00	\$0.0000	1		
Interdepartmental (In - w/Dmd)	ED2	343,092	\$31,180.79	\$0.0909	20	256,556	\$23,611.11	\$0.0920	20	259,802	\$25,781.92	\$0.0992	20	261,926	\$27,328.08	\$0.1043	20		
Generators (JV2 Power Cost Only)	GJV2	19,246	\$807.18	\$0.0419	1	6,054	\$226.60	\$0.0374	1	12,330	\$356.95	\$0.0289	1	13,117	\$19.02	\$0.0015	1		
Generators (JV5 Power Cost Only)	GJV5	16,701	\$700.44	\$0.0419	1	13,337	\$499.20	\$0.0374	1	12,330	\$356.95	\$0.0289	1	12,084	\$17.52	\$0.0014	1		
Total Interdepartmental		526,044	\$46,368.04	\$0.0881	72	383,136	\$34,485.61	\$0.0900	75	373,454	\$35,563.19	\$0.0952	72	374,031	\$36,680.18	\$0.0981	72		
SUB-TOTAL CONSUMPTION & DEMAND		12,472,623	\$1,210,948.33	\$0.0971	5,856	11,684,103	\$1,152,278.08	\$0.0986	5,859	12,449,806	\$1,300,566.77	\$0.1045	5,875	13,325,618	\$1,468,853.57	\$0.1102	5,899		
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		12,472,623	\$1,210,963.30	\$0.0971	5,874	11,684,103	\$1,152,293.05	\$0.0986	5,877	12,449,806	\$1,300,581.74	\$0.1045	5,893	13,325,618	\$1,468,868.54	\$0.1102	5,917		

BILLING DETERMINANTS for													
NOVEMBER, 2013													
2013 - NOVEMBER BILLING WITH OCTOBER 2013													
Class and/or	Rate	Sep-13	Sep-13	Cost / kWh	# of	Oct-13	Oct-13	Cost / kWh	# of	Average	TOTAL	TOTAL	Avg.Cost
Schedule	Code	(kWh Usage)	Billed	For Month	Bills	(kWh Usage)	Billed	For Month	Bills	PRIOR 12 MO	PRIOR 12 MO	For Period	
Residential (Dom-In)	E1	2,681,569	\$298,444.75	\$0.1113	3,352	2,707,079	\$289,286.38	\$0.1069	3,340	26,845,035	\$2,925,382.93	\$0.1090	
Residential (Dom-In) w/Ecosmart	E1E	7,252	\$812.85	\$0.1121	10	7,615	\$817.16	\$0.1073	5	43,614	\$4,785.98	\$0.1097	
Residential (Dom-In - All Electric)	E2	434,612	\$48,781.14	\$0.1122	615	438,071	\$47,246.44	\$0.1079	614	6,356,827	\$674,397.47	\$0.1061	
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	726	\$81.37	\$0.1121	1	649	\$70.53	\$0.1087	0	4,271	\$467.37	\$0.1094	
Total Residential (Domestic)		3,124,159	\$348,120.11	\$0.1114	3,978	3,153,414	\$337,420.51	\$0.1070	3,959	33,249,747	\$3,605,033.75	\$0.1084	
Residential (Rural-Out)	ER1	783,642	\$92,537.54	\$0.1181	744	765,877	\$87,187.47	\$0.1138	738	8,840,697	\$1,012,267.62	\$0.1145	
Residential (Rural-Out) w/Ecosmart	ER1E	2,850	\$349.38	\$0.1226	4	2,801	\$331.83	\$0.1185	2	18,350	\$2,190.78	\$0.1194	
Residential (Rural-Out - All Electric)	ER2	434,293	\$51,014.09	\$0.1175	387	420,500	\$47,656.66	\$0.1133	388	5,579,453	\$627,597.01	\$0.1125	
Res. (Rural-Out - All Electric) w/Ecosmar	ER2E	1,398	\$171.69	\$0.1228	2	1,218	\$146.83	\$0.1206	1	11,656	\$1,321.51	\$0.1134	
Residential (Rural-Out w/Dmd)	ER3	14,139	\$1,682.82	\$0.1190	15	17,687	\$1,988.32	\$0.1124	15	374,383	\$41,574.13	\$0.1110	
Residential (Rural-Out - All Electric w/Dmd)	ER4	10,130	\$1,188.67	\$0.1173	9	9,949	\$1,125.58	\$0.1131	9	150,044	\$16,846.13	\$0.1123	
Total Residential (Rural)		1,246,452	\$146,944.19	\$0.1179	1,161	1,218,032	\$138,436.69	\$0.1137	1,153	14,974,583	\$1,701,797.18	\$0.1136	
Commercial (1 Ph-In - No Dmd)	EC2	42,780	\$6,070.62	\$0.1419	74	41,653	\$5,774.75	\$0.1386	73	480,360	\$66,833.91	\$0.1391	
Commercial (1 Ph-Out - No Dmd)	EC2O	13,545	\$2,131.66	\$0.1574	41	11,662	\$1,862.65	\$0.1597	40	160,075	\$24,690.37	\$0.1542	
Total Commercial (1 Ph) No Dmd		56,325	\$8,202.28	\$0.1456	115	53,315	\$7,637.40	\$0.1433	113	640,435	\$91,524.28	\$0.1429	
Commercial (1 Ph-In - w/Demand)	EC1	396,656	\$53,976.78	\$0.1361	265	377,416	\$49,507.55	\$0.1312	264	4,002,007	\$535,420.43	\$0.1338	
Commercial (1 Ph-Out - w/Demand)	EC1O	37,182	\$5,070.66	\$0.1364	25	34,780	\$4,604.20	\$0.1324	25	415,381	\$55,116.15	\$0.1327	
Total Commercial (1 Ph) w/Demand		433,838	\$59,047.44	\$0.1361	290	412,196	\$54,111.75	\$0.1313	289	4,417,388	\$590,536.58	\$0.1337	
Commercial (3 Ph-Out - No Dmd)	EC4O	0	\$36.00	\$0.0000	2	40	\$40.70	\$1.0175	2	20,880	\$3,002.17	\$0.1438	
Total Commercial (3 Ph) No Dmd		0	\$36.00	\$0.0000	2	40	\$40.70	\$1.0175	2	20,880	\$3,002.17	\$0.1438	
Commercial (3 Ph-In - w/Demand)	EC3	1,740,302	\$208,949.03	\$0.1201	209	1,940,437	\$226,281.59	\$0.1166	204	18,694,467	\$2,177,449.75	\$0.1165	
Commercial (3 Ph-Out - w/Demand)	EC3O	248,138	\$30,514.72	\$0.1230	35	312,762	\$36,336.25	\$0.1162	32	3,113,612	\$373,278.30	\$0.1199	
Commercial (3 Ph-Out - w/Dmd.&Sub-St)	E3SO	106,920	\$12,144.04	\$0.1136	2	125,600	\$13,595.49	\$0.1082	2	1,427,240	\$154,777.25	\$0.1084	
Commercial (3 Ph-In - w/Demand, No Ta)	EC3T	4,280	\$519.86	\$0.1215	1	4,760	\$537.79	\$0.1130	1	29,840	\$3,622.66	\$0.1214	
Total Commercial (3 Ph) w/Demand		2,099,640	\$252,127.65	\$0.1201	247	2,383,559	\$276,751.12	\$0.1161	239	23,265,159	\$2,709,127.96	\$0.1164	
Large Power (In - w/Dmd & Rct)	EL1	2,825,165	\$263,358.88	\$0.0932	24	2,851,318	\$261,397.73	\$0.0917	24	30,727,979	\$2,888,684.73	\$0.0940	
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	65,640	\$13,082.45	\$0.1993	2	150,720	\$19,867.10	\$0.1318	2	1,312,920	\$187,896.76	\$0.1431	
Large Power (Out - w/Dmd & Rct)	EL1O	93,060	\$10,633.53	\$0.1143	2	92,960	\$11,043.20	\$0.1188	1	888,020	\$100,930.56	\$0.1137	
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	355,680	\$35,608.24	\$0.1001	2	346,080	\$35,694.13	\$0.1031	2	3,965,760	\$403,063.02	\$0.1016	
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	74,511	\$13,676.28	\$0.1835	2	75,559	\$15,440.11	\$0.2043	2	885,800	\$111,020.81	\$0.1253	
Total Large Power		3,414,056	\$336,359.38	\$0.0985	32	3,516,637	\$343,442.27	\$0.0977	31	37,780,479	\$3,691,595.88	\$0.0977	
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1,936,770	\$156,832.64	\$0.0810	2	2,054,036	\$162,716.59	\$0.0792	1	22,860,493	\$1,833,498.39	\$0.0802	
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1,189,366	\$93,753.89	\$0.0788	1	1,022,390	\$79,931.60	\$0.0782	1	10,585,033	\$866,566.24	\$0.0819	
Total Industrial		3,126,136	\$250,586.53	\$0.0802	3	3,076,426	\$242,648.19	\$0.0789	2	33,445,526	\$2,700,064.63	\$0.0807	
Interdepartmental (In - No Dmd)	ED1	88,393	\$9,034.02	\$0.1022	48	85,376	\$8,366.37	\$0.0980	49	1,454,927	\$141,339.53	\$0.0971	
Interdepartmental (Out - No Dmd)	ED1O	0	\$0.00	\$0.0000	1	0	\$0.00	\$0.0000	1	154	\$14.73	\$0.0956	
Interdepartmental (In - w/Dmd)	ED2	265,565	\$26,497.58	\$0.0998	20	221,105	\$21,078.59	\$0.0953	20	3,451,465	\$328,304.59	\$0.0951	
Generators (JV2 Power Cost Only)	GJV2	7,858	\$319.03	\$0.0406	1	15,302	\$459.52	\$0.0300	1	203,054	\$6,249.90	\$0.0308	
Generators (JV5 Power Cost Only)	GJV5	12,084	\$490.61	\$0.0406	1	13,008	\$390.63	\$0.0300	1	181,227	\$5,753.00	\$0.0317	
Total Interdepartmental		373,900	\$36,341.24	\$0.0972	71	334,791	\$30,295.11	\$0.0905	72	5,290,827	\$481,661.75	\$0.0910	
SUB-TOTAL CONSUMPTION & DEMAND		13,874,506	\$1,437,764.82	\$0.1036	5,899	14,148,410	\$1,430,783.74	\$0.1011	5,860	153,085,024	\$15,574,344.18	\$0.1017	
Street Lights (In)	SLO	0	\$14.20	\$0.0000	19	0	\$24.21	\$0.0000	16	0	\$180.41	\$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	21	0	\$24.98	\$0.0000	18	0	\$188.88	\$0.0000	
TOTAL CONSUMPTION & DEMAND		13,874,506	\$1,437,779.79	\$0.1036	5,920	14,148,410	\$1,430,808.72	\$0.1011	5,878	153,085,024	\$15,574,533.06	\$0.1017	

Power (Energy) Cost Factor - History





2013 NOVEMBER - BILLING DETERMINATES - RATE COMPARISONS TO PRIOR PERIODS

Rate Comparisons to Prior Month and Prior Year for Same Period										
			Current	Prior Month	Prior Year			Current	Prior Month	Prior Year
	Service	Service	November	October	November		Service	Service	November	October
Customer Type	Usage	Units	2013 Rate	2013 Rate	2012 Rate		Usage	Units	2013 Rate	2013 Rate
Customer Type ->			RESIDENTIAL USER - (w/Gas Heat)			RESIDENTIAL USER - (All Electric)				
Electric Customer Charge			\$6.00	\$6.00	\$6.00				\$6.00	\$6.00
Distribution			\$16.53	\$16.53	\$16.53				\$33.39	\$33.39
Demand										
Generation	978	kWh	\$73.47	\$76.17	\$67.98	1,976	kWh	\$148.44	\$153.89	\$137.35
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			\$100.55	\$103.25	\$95.06			\$197.02	\$202.47	\$185.93
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			\$222.20	\$224.90	\$214.85			\$364.37	\$369.82	\$349.96
Verification Totals->			\$222.20	\$224.90	\$214.85			\$364.37	\$369.82	\$349.96
				Cr.Mo to Pr.Mo	Cr.Yr to Pr.Yr				Cr.Mo to Pr.Mo	Cr.Yr to Pr.Yr
Dollar Chg.to Prior Periods				-\$2.70	\$7.35				-\$5.45	\$14.41
% Inc/Dec(-) to Prior Periods				-1.20%	3.42%				-1.47%	4.12%
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Cost/kWH - Electric	978	kWh	\$0.10281	\$0.10557	\$0.09720	1,976	kWh	\$0.09971	\$0.10246	\$0.09409
% Inc/Dec(-) to Prior Periods				-2.61%	5.77%				-2.68%	5.97%
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%
(Listed Accounts Assume SAME USAGE for kWH and Water (CCF) for All Billing Periods)										
(One "1" Unit of Water CCF "Hundred Cubic Foot" = 748 Gallons)										

2013 NOVEMBER - BILLII			RATE REVIEW COMPARISONS							
Rate Comparisons to Prior Month										
			Current	Prior Month	Prior Year			Current	Prior Month	Prior Year
	Service Usage	Service Units	November 2013 Rate	October 2013 Rate	November 2012 Rate	Service Usage	Service Units	November 2013 Rate	October 2013 Rate	November 2012 Rate
Customer Type										
Customer Type ->	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	\$13,898.76	\$14,215.24	\$9,586.72
Generation	7,040	kWh	\$619.10	\$666.83	\$548.56	866,108	kWh	\$41,469.27	\$44,184.52	\$44,488.96
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			\$760.42	\$808.15	\$689.88			\$65,900.69	\$68,932.42	\$64,608.34
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			\$1,039.93	\$1,087.66	\$962.99			\$69,016.14	\$72,047.87	\$67,647.89
Verification Totals->			\$1,039.93	\$1,087.66	\$962.99			\$69,016.14	\$72,047.87	\$67,647.89
				Cr.Mo to Pr.Mo	Cr.Yr to Pr.Yr				Cr.Mo to Pr.Mo	Cr.Yr to Pr.Yr
Dollar Chg.to Prior Periods				-\$47.73	\$76.94				-\$3,031.73	\$1,368.25
% Inc/Dec(-) to Prior Periods				-4.39%	7.99%				-4.21%	2.02%
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Cost/kWH - Electric	7,040	kWh	\$0.10801	\$0.11479	\$0.09799	866,108	kWh	\$0.07609	\$0.07959	\$0.07460
% Inc/Dec(-) to Prior Periods				-5.91%	10.23%				-4.40%	2.00%
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%
(Listed Accounts Assume SAME										
(One "1" Unit of Water CCF "Hu.										

Electric Department Report October 2013

There were 20 outages/callouts during the month of October. One outage was due to an animal getting into the primary fuse. Two call outs were to reconnect services. Two outage/ callouts were due to failed transformers. One callout was a semi hitting a traffic pole causing major pole/equipment damage at Washington/Perry intersection. One callout was to remove tar paper that blew onto electric lines. One callout was pole lights out at a senior housing complex. Six callouts were electrical equipment failure. Three callouts were car/truck accidents hitting electric poles. Two callouts were disconnects/reconnects for businesses. One outage/callout was to restore power caused by lightning strikes.

Line Department / Service Truck

The line crews raised the secondary at 916 N. Perry. They also relocated a pole on Lynne Street for a waterline project. Crews worked on Huddle Road rebuilding the lines and replacing poles for 69 KV relocation project. Crews trimmed trees at 506 Haley, overhanging trees at T-537 Rd. 13, Oakwood Ave., Euclid Street Alley, Twp. Rd. P-3, and South Perry St. Linemen pulled a pole on Clairmont for waterline installation, 2 poles on Road 16, set temp poles at Central School, repaired faulted URD on Foxbridge, moved and replaced pole at Scott and LaGrange, installed new construction URD's on Williamsburg and on Co. Rd. T. The service truck completed work orders and locates.

Substation Department:

Todd Wachtman and Nikk Hogrefe performed general substation maintenance/ inspections, mowed grass at substations, worked in office on prints/reports etc., IS-1 PT control panel, attended PML schooling and Interstate Cold Storage metering,

Forestry Department:

Jamie Howe and Thomas Miller trimmed trees on Euclid, 506 Haley, Oakwood, TWP Rd. P-3, Avon and Rd. V between 16 and 17 and 704 West Clinton, They also performed maintenance on saws, chipper and truck.

Storeroom/Inventory/ Metering Department:

Shawn Druhot has been reading meters along with purchasing, maintaining, cleaning and counting inventory. Shawn received and delivered fluorescent bulbs to the Bowling Green recycling center.

The Peak Load for October, 2013 was 22.82 MW occurring on the 4th at 2:30 P.M. This was a decrease of .38 MW from October of 2012. The average load for October, 2013 was 17.55 MW. This value was an increase of .34 MW from October 2012. The Turbines did not run in October. The JV-2 and JV-5 ran on October 9th and produced 5.4 MW each. The Amp Solar Field showed a peak of 3.59 MW and the Output was 425,703.50 KWH.

City of Napoleon, Ohio



SUMMARY OF OCTOBER 2013 OUTAGE/STANDBY CALL-OUTS

October 2, 2013:

One employee was dispatched at 3:00 p.m. from the City Building to reconnect electric service at various locations.

October 2, 2013:

Electric personnel were dispatched at 4:45 p.m. to the corner of Washington & Perry St. due to a truck that hit the traffic control box and cross lights. The personnel removed the cross walk lights.

October 4, 2013:

Electric personnel were dispatched at 7:00 p.m. to 16544 County Road T due to wind blowing tar paper from a roof onto the secondary just below the transformer. The personnel removed the tar paper.

October 4, 2013:

One employee was dispatched at 9:00 p.m. to 489 Independence Dr. (Mills Apts.) a customer called about pole lights being out. The employee talked to the manager and let him know that we would fix them later.

October 5, 2013:

Electric personnel were dispatched at 12:30 a.m. to Q362 County Road 15A due to a power outage. The outage lasted one hour and affected two customers. The outage was due to a bad transformer. The personnel replaced the transformer.

October 5, 2013:

Electric personnel were dispatched at 12:00 p.m. to 631 E. Washington St. due to a power outage. The outage lasted one hour and affected one customer. The outage was due to bad insulink. The personnel replaced the insulink.

October 6, 2013:

Electric personnel were dispatched at 9:30 p.m. to Q750 County Road 16 due to a pole top that was on fire due to a bad insulator. The personnel cut the pole top off and replaced the ridge pin and insulator.

October 7, 2013:

One employee was dispatched at 4:45 p.m. to 810 E. Graceway Dr. due to ½ power. The employee squeezed the hot leg at the pole.

October 15, 2013:

One employee was dispatched at 3:35 p.m. to 14-540 County Road U (Gerald Grain) to disconnect power for an electrician and then waited to reconnect when electrician was finished.

October 16, 2013:

One employee was dispatched at 8:10 a.m. to 15482 County Road V due to a power outage. The outage lasted one half hour and affected one customer. The outage was due to an animal that got into a line fuse. The employee replaced the fuse.

October 16, 2013:

One employee was dispatched at 3:45 p.m. to 14009 County Road T due to a reconnect of power.

October 17, 2013:

One employee was dispatched at 10:30 p.m. to O585 County Road 16 due to a power outage. The outage lasted fifteen minutes and affected one customer. The outage was due to a broken fuse. The employee replaced the fuse.

October 19, 2013:

One employee was dispatched at 3:45 p.m. to T513 County Road 15B due to a power outage. The outage lasted fifteen minutes and affected one customer. The outage was due to a bad cut out. The employee replaced the cut out fuse.

October 20, 2013:

Electric personnel were dispatched at 12:30 a.m. to County Road M2 due to a car accident that took out two poles. The personnel replaced the poles.

October 20, 2013:

Electric personnel were dispatched at 6:45 a.m. to County Road 15A due to a power outage. The outage lasted three hours and affected one customer. The outage was due to a hit and run accident that broke a pole. The personnel replaced the pole.

October 21, 2013:

Electric personnel were dispatched at 5:30 p.m. to O585 County Road 16 due to a power outage. The outage lasted two hours and affected one customer. The outage was due to a bad transformer. The personnel replaced the transformer.

October 22, 2013:

Electric personnel were dispatched at 10:45 p.m. to 1225 Detroit Ave. due to issues on the customer's side of the electric meter. The fire department was there earlier and tightened screws in the customer's panel.

October 24, 2013:

One employee was dispatched at 2:00 a.m. to County Road O3 for a broken pole due to an accident. The employee arrived at the scene and it was Tri-County's pole.

October 31, 2013:

Electric personnel were dispatched for major outages at 1:00 a.m. The outage lasted one hour and affected two thousand nine hundred thirteen customers. The outage was due to lightning. Employees drove out the lines and re-energized the circuits at the substations.

October 31, 2013:

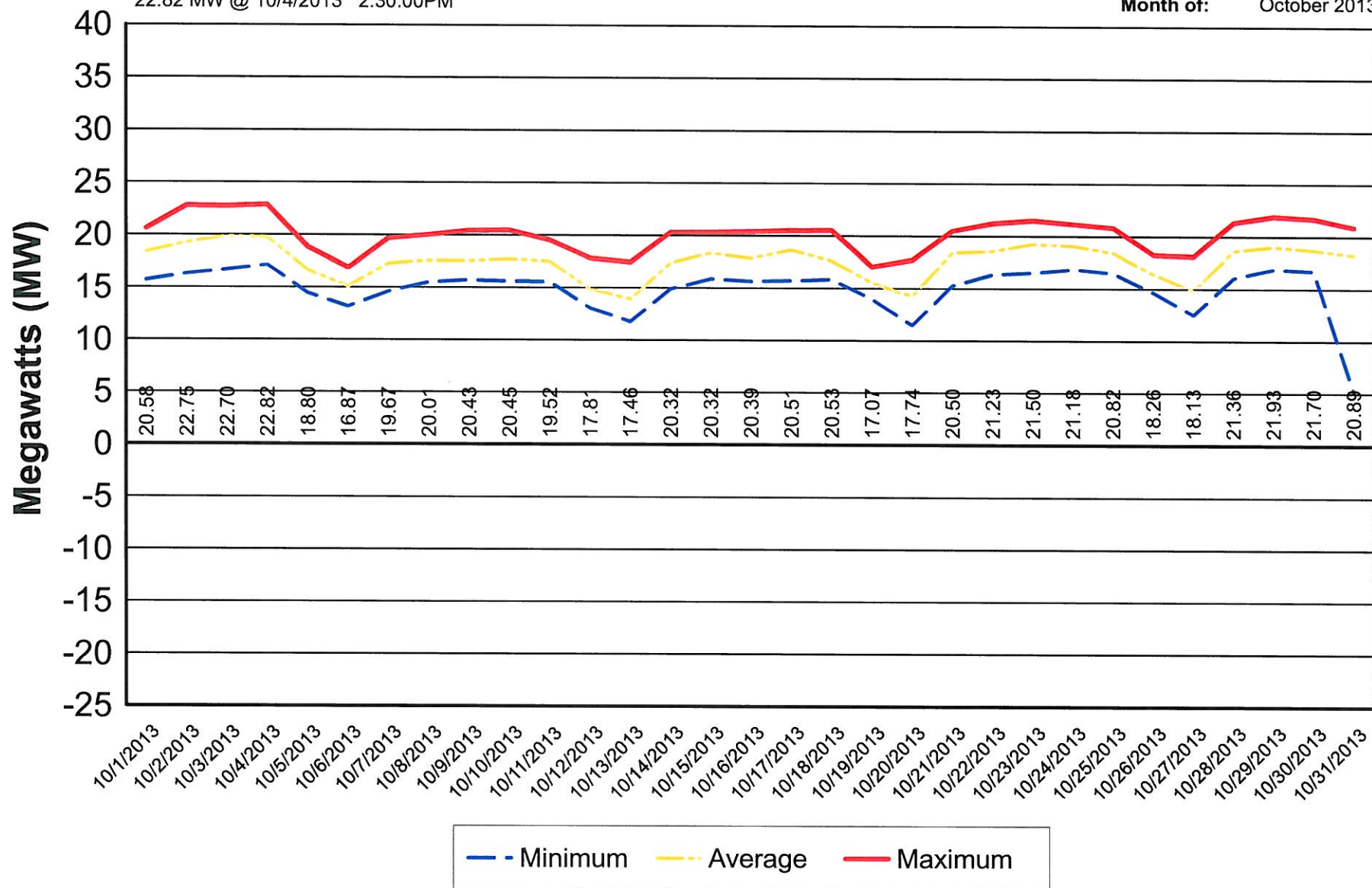
One employee was dispatched at 4:00 a.m. to 600 Fillmore St. (B & B Molded) to disconnect service so they could change fuses. The employee reconnected the service after B & B Molded changed their main fuses.

Napoleon Power & Light

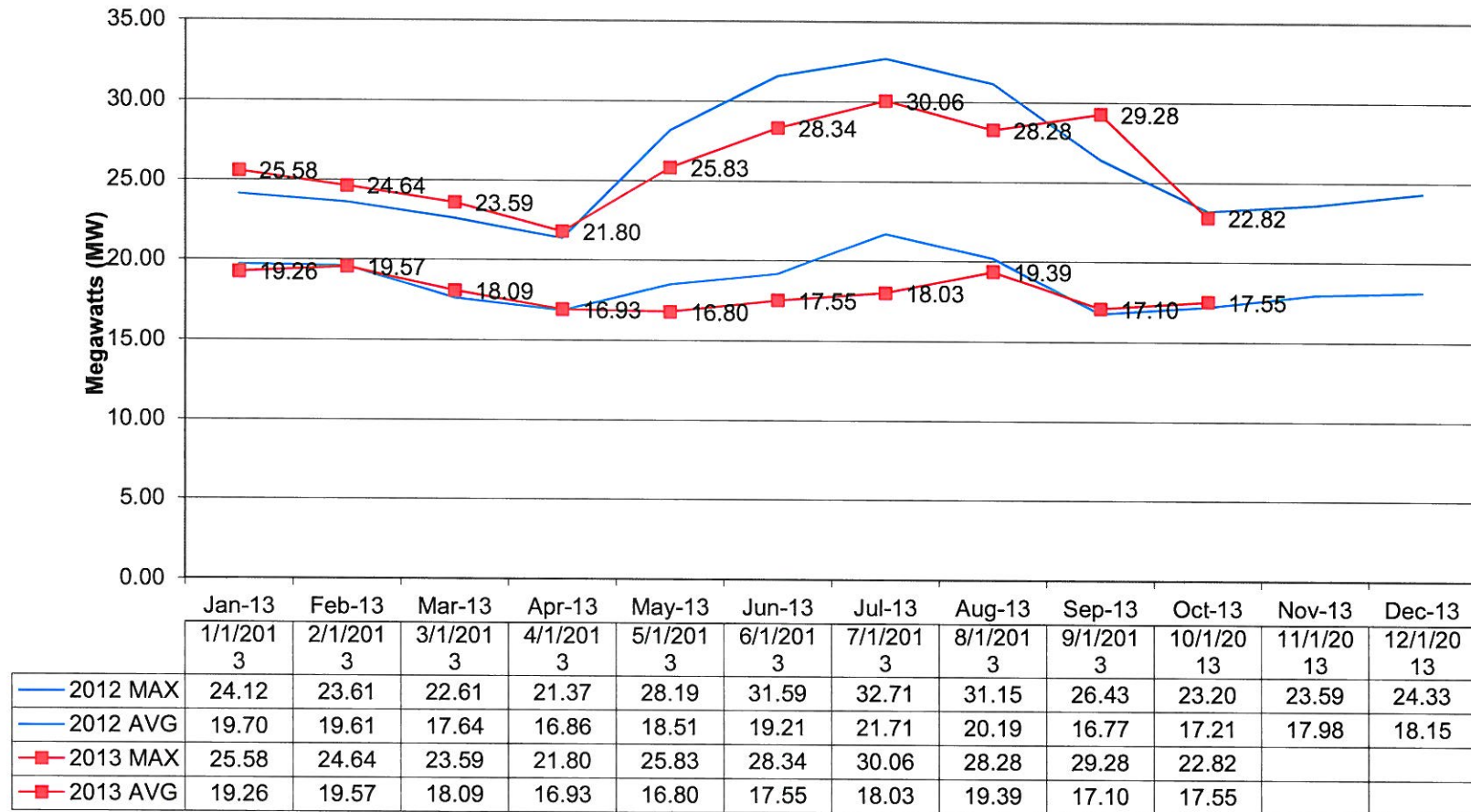
System Load

Peak Load:
22.82 MW @ 10/4/2013 2:30:00PM

Month of: October 2013



NAPOLEON POWER & LIGHT



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

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

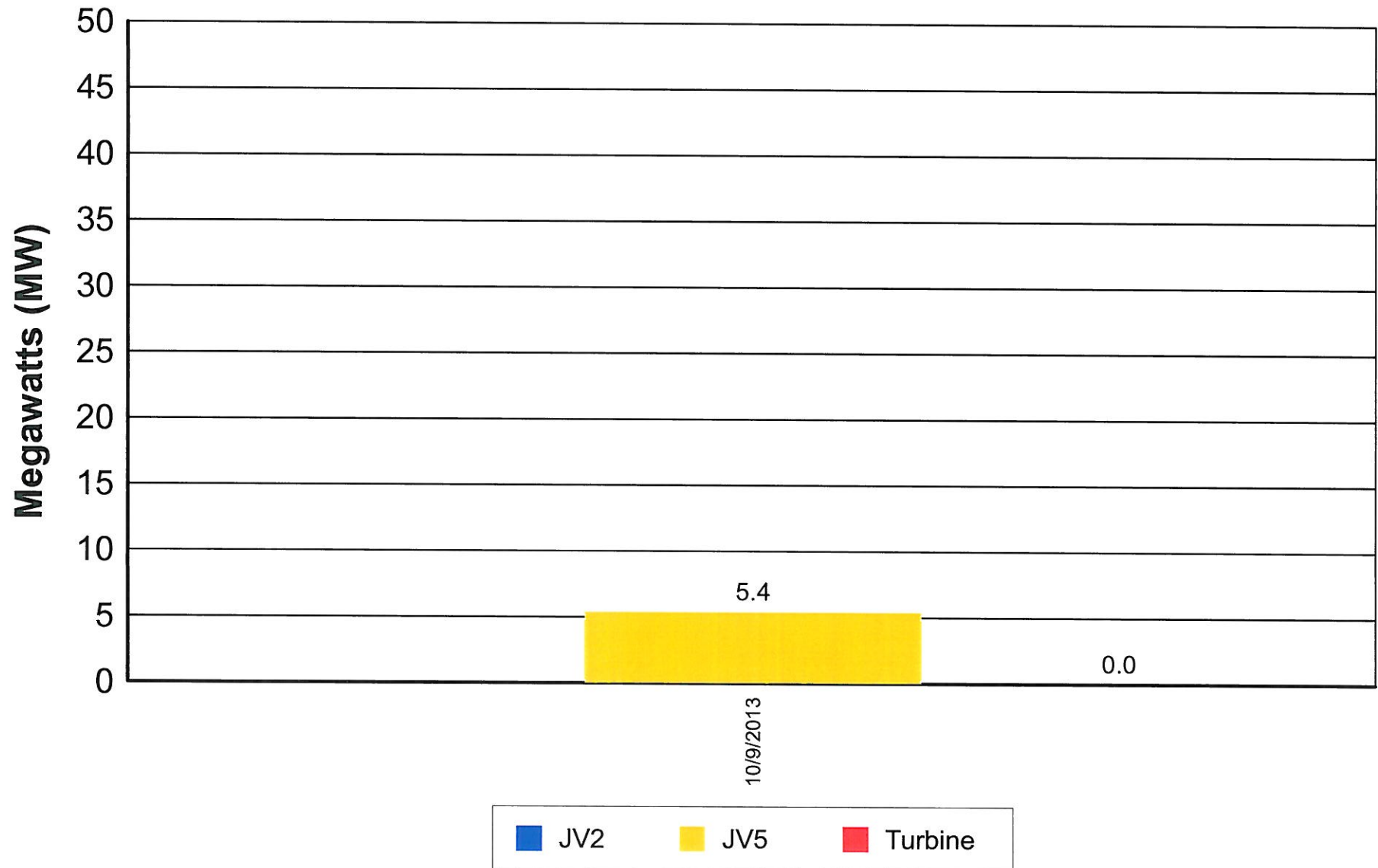
** 300-800 residential homes served / MW peak load

Napoleon Power & Light

AMPO Generation

Starting: October 1, 2013 0:00

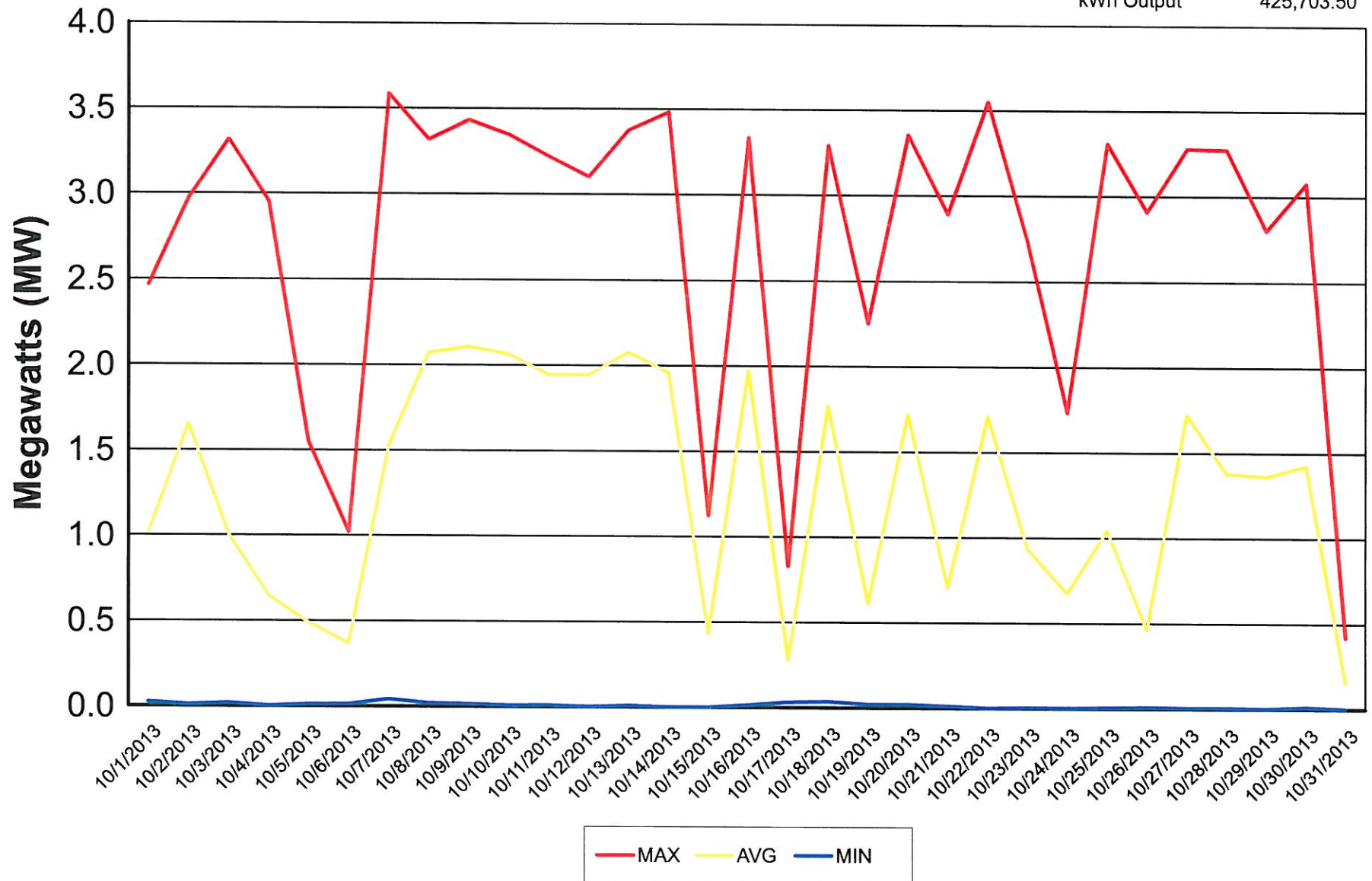
Ending: November 1, 2013 0:00



Napoleon Power & Light

Solar Field Output

Peak Output: 3.59
kWh Output 425,703.50



Efficiency Smart Cumulative to Date Summary Report for City of Napoleon

Reporting Period: 1/1/2011 through 9/30/2013

Summary of All Sectors Installed Efficiency Measures (Residential, Commercial, & Industrial)

Sector	Quantity	MWh Savings	Lifetime MWh Savings	Annual Customer Savings	Lifetime Customer Savings	Rebates/Incentives Paid Program to Date
Custom Incentives	2,032	2,507	34,936	\$198,605	\$2,936,303	\$77,700
Prescriptive Rebates	31	15	224	\$1,396	\$20,559	\$1,120
Residential	6,958	392	3,260	\$42,672	\$330,116	\$26,203
Total	9,021	2,914	38,421	\$242,672	\$3,286,978	\$105,023

Summary of Residential Installed Efficiency Measures

Measure Desc	MWh Savings	Annual Customer Savings	Rebates Paid Program to Date
Compact fluorescent screw-base bulb	204	\$21,031	\$10,187
Dehumidifier	0	\$22	\$25
Energy Star CEE Tier 1 refrigerator, incremental cost	4	\$486	\$1,450
Energy star refrigerator	4	\$468	\$1,750
Energy Star washer	19	\$3,977	\$3,550
Freezer early retirement program, secondary	33	\$3,541	\$2,116
Furnace fan motor	4	\$421	\$400
Refrigerator early retirement program, secondary	81	\$9,116	\$4,854
Specialty Bulb	43	\$3,609	\$1,871
Total	392	\$42,672	\$26,203

Summary of Commercial & Industrial Projects with Installed Efficiency Measures

Program Type	Company Name	Zip	Manager/ KAM	Measure Category Description	Measure Desc	MWh Savings	Annual Customer Savings	Incentives Paid Program to Date	Complete Month/Year
Custom Rebates	Advanced Drainage Systems	43545	Carl Andre	Light Bulb/Lamp	Compact fluorescent screw-base bulb	1	\$73	\$3	September 2011
				Lighting Efficiency/Controls	Occupancy sensors	29	\$2,402	\$2,721	September 2011
				Lighting Hardwired Fixture	Linear fluorescent T8, super	3	\$189	\$180	September 2011
					Metal halide fixture pulse start	13	\$1,337	\$339	September 2011
					New Super T8 High-Bay	120	\$7,740	\$968	September 2011
					Relamp/Reballast to Super T8	26	\$2,028	\$289	September 2011
	Alex Products	43555	Ryan	Lighting Hardwired	New T5 High-Bay	330	\$27,650	\$7,400	August 2013

		Calkins/Marvin Davis	Fixture						
Automatic Feed Company	43545	Justin Kale/Carl Andre	Lighting Hardwired Fixture	New T5 High-Bay	416	\$29,793	\$16,425	April 2013	
				Relamp/Reballast to Super T8	14	\$1,014	\$1,350	April 2013	
B & B Molded Products	43545	Justin Kale/Carl Andre	Compressed Air	Compressed air, compressor	97	\$8,682	\$4,000	May 2012	
			Industrial Process Efficiency	Injection Molding Machines	77	\$7,462	\$3,900	October 2011	
City of Napoleon	43545	Ryan Fry	Lighting Hardwired Fixture	New Super T8 High-Bay	58	\$4,647	\$2,550	January 2013	
				New Super T8 Troffer/Wrap	4	\$298	\$421	January 2013	
				New Super T8 Vapor Proof	12	\$1,016	\$304	March 2013	
				New T5 High-Bay	64	\$4,617	\$2,100	September 2013	
Culligan Water	43545	Ryan Fry/Marvin Davis	Lighting Efficiency/Controls	Occupancy sensors	1	\$83	\$360	August 2013	
			Lighting Hardwired Fixture	Exit signs, LED	1	\$100	\$320	August 2013	
				Linear fluorescent T8	3	\$460	\$0	August 2013	
				New Super T8 Industrial/Strip	15	\$1,490	\$720	August 2013	
Keller Warehousing & Distribution, LLC	43545	Ryan Fry/Carl Andre	Lighting Efficiency/Controls	Occupancy sensors	46	\$4,476	\$764	July 2012	
			Lighting Hardwired Fixture	New T5 High-Bay	45	\$3,411	\$2,036	July 2012	
Ottawa Oil Company	43545	Ryan Calkins/Marvin Davis	Lighting Hardwired Fixture	LED Refrigerated Case Lighting	18	\$1,883	\$1,850	July 2013	
				Linear fluorescent T8, super	30	\$2,635	\$550	July 2013	
				Miscellaneous LEDs	2	\$236	\$0	July 2013	
Snyder Chevrolet Company	43545	Justin Kale/Carl Andre	Lighting Hardwired Fixture	New T5 Vapor Proof	84	\$8,348	\$4,850	August 2011	
Tenneco	43545	Emerson Harewood/Carl Andre	Lighting Hardwired Fixture	New T5 High-Bay	597	\$37,556	\$18,000	September 2013	
Tippman & Associates	43545	Justin Kale/Carl Andre	Motor Controls	Variable Frequency Drive, Industrial Process	403	\$38,980	\$5,300	January 2012	
Total					2,507	\$198,605	\$77,700		
Prescriptive Rebates	Edward Jones	43545	J.R. Chisolm	Lighting Hardwired Fixture	Linear fluorescent T8, super	2	\$125	\$180	April 2011
	German Mutual Insurance	43545	Sean Clement/Sean Clement	Air Conditioning Efficiency	Unitary air conditioning system	0	\$18	\$200	October 2012
				Motor Controls	Variable frequency drive motor control	6	\$595	\$200	October 2012
	R. Jeffrey Heinrichs, D.D.S.	43545	Sean Clement/Marvin Davis	Lighting Hardwired Fixture	Exit signs, LED	0	\$30	\$100	July 2013
	Super Wash, Inc.	61270	Carl Andre	Lighting Efficiency/Controls	Occupancy sensors	1	\$86	\$38	September 2011
				Lighting Hardwired Fixture	New T5 Vapor Proof	6	\$541	\$402	September 2011
Total					15	\$1,396	\$1,120		
Total					2,522	\$200,001	\$78,820		

Companies currently actively engaged with Efficiency Smart - Projects (Commercial & Industrial)

Company Name	Job-Project	Project Title	Status	Manager	Current Milestone	Est MWH	Est Incentive	Estimated Complete Date
Alex Products	5301-5824	Alex Products - Lighting - August 2013 - Plant	ACTIVE	Ryan Calkins	Inspection	96.5	\$2,600	12/20/2013
Best Western Napoleon Inn & Suites	5201-5910	Best Western - Refrigeration Cases - August 2013	ACTIVE	Ryan Calkins	Customer Agreement	3.6	\$260	11/15/2013
Cloverleaf Cold Storage	5301-5561	Cloverleaf Cold Storage- LED- June 2013	ACTIVE	Ryan Fry	Rebate / Close Out	843.7	\$35,000	11/1/2013
Hahn Center	5201-5564	Hahn Center - Lighting - June 2013-4651	ACTIVE	Ryan Fry	Analysis to Recommendation	50.0	Rebate Amount to be Determined	12/31/2013
Henry County Commissioners	5201-5565	Henry County Courthouse - Lighting Phase 1- June 2013	ACTIVE	Ryan Fry	Inspection	10.0	\$750	12/31/2013
Henry County Commissioners	5201-5566	Oakwood Plaza - Lighting - June 2013	ACTIVE	Ryan Fry	Analysis to Recommendation	65.0	Rebate Amount to be Determined	12/31/2013
Koester Corporation	5300-6255	Koester Corp - Lighting New Construction - October 2013	ACTIVE	Ryan Fry	Customer Agreement	23.0	\$1,100	11/21/2013
Tenneco - Tenneco - Napoleon	5301-5605	Tenneco - Lighting, July 2013, Napoleon	ACTIVE	Emerson Harewood	Rebate / Close Out	499.1	\$18,000	11/8/2013
Active Projects			8			1,591	\$57,710	

Companies currently actively engaged with Efficiency Smart - Opportunities (Commercial & Industrial)

Company Name	Job-Project	Opportunity Title	Status	Manager	Current Milestone	Est MWH	Est Incentive	Estimated Complete Date
Cloverleaf Cold Storage	5000-1264	Cloverleaf Cold Storage-Motors/VFD April 2011, Napoleon	ACTIVE	Marvin Davis	Identify Opportunity	170.0		12/31/2013
Cloverleaf Cold Storage	5000-6195	Cloverleaf Cold Storage - Lighting - October 2013	ACTIVE	Marvin Davis		44.0	\$2,000	1/31/2014
Napoleon Area City Schools	5000-5487	Napoleon City Schools- Whole Building- Aug 2013- Jr High & High	ACTIVE	Marvin Davis	Request Tech Assist	125.0	Rebate Amount to be Determined	7/2/2015
Napoleon Area City Schools	5000-5581	Napoleon City Schools- Whole Building- Aug2013- PK-6 Elementary	ACTIVE	Marvin Davis	Tech Assist OK	100.0	Rebate Amount to be Determined	7/2/2015
RailTech Boutet, Inc	5000-5698	Railtech	ACTIVE	Marvin Davis	Rebate Estimate Provided	52.0	\$2,500	11/29/2013
Active Opportunities			5			491	\$4,500	

Companies with Terminated Projects (Commercial & Industrial)

Company Name	Job-Project	Project Title	Status	Manager
City of Napoleon - Napoleon Light and Power	5950-6093	Benchmarking Napoleon Municipal Buildings	TERM	David Perzynski
Henry County Commissioners	5201-5938	Henry County Courthouse - Lighting Phase 2 - August 2013	TERM	Ryan Fry
Henry County Hospital	5950-6147	Benchmarking Henry County Hospital	TERM	David Perzynski
Rupp Enterprises	5301-1562	Rupp Enterprises-Lighting, June 2011-649	TERM	
Terminated Projects			4	

Companies with Terminated Opportunities (Commercial & Industrial)

Company Name	Job-Project	Opportunity Title	Status	Manager
B & B Molded Products	5000-1243	B & B Molded Products- Lighting, April 2011, Napoleon	TERM	Marvin Davis

Buckeye Launderers	5000-1837	Buckeye Launderers - Lighting, Sept 2011	TERM	Carl Andre
Cloverleaf Cold Storage	5000-3693	Cloverleaf Cold Storage - Lighting - Sept 2012 - Org Bldg	TERM	Marvin Davis
Isofoton	5000-3462	Isofoton - Compressed Air - July 2012	TERM	Marvin Davis
Isofoton	5000-3910	Isofoton - Lighting - October 2012 - Bldg Conversion	TERM	Marvin Davis
Oldcastle Precast Enclosure Solutions	5000-2036	Oldcastle Precast Enclosure Sol - Lighting/Chiller - 2011/2012	TERM	Marvin Davis
Von Deylen Plumbing and Heating	5000-4755	Von Deylen Lighting Retrofit	TERM	Marvin Davis
Terminated Opportunities			7	

Cumulative Goals

3-Year MWh Goal	MWh Savings	% of 3-Year MWh Goal
3,950	2,914	74%

Cumulative Expenditures

Sum Fee
\$1,183,221

*The information provided in this report is confidential and should not be communicated with end users or other outside parties. The termination reason cannot be disclosed to protect the privacy of the customer.

11/4/13

Inbox [1/68] - UNIGOV WebMail - Roxanne Dietrich <rdietrich@napoleonohio.com>

2014 APPA Legislative Rally - Hotel Information

From: "Michael Beirne" <mbeirne@amppartners.org>

11/01/13 04:10 PM

To: Undisclosed recipients:

Attachments: 23 2014 Rally Brochure.pdf (2.6 MB);

All – want to send a reminder that the room block for the APPA Legislative Rally opened today. **We will make hotel reservations for all AMP and OMEA Board members.** But if you have anyone else in your community that plans to attend, you will need to make reservations for them – ***Please do so as soon as possible, the room block sells out quickly.***

The APPA Rally this year is scheduled for March 10-12, 2014 and will be held again at the Grand Hyatt Washington Hotel. We will send registration information for the AMP/OMEA functions in a few weeks. If

City of Napoleon, Ohio

BOARD OF PUBLIC AFFAIRS (BOPA)

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

Meeting Agenda

Monday, November 11, 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 November:
Generation Charge: Residential @ \$.07512; Commercial @ \$.08794;
Large Power @ \$.05040; Industrial @ \$.05040; Demand Charge Large
Power @ \$10.54; Industrial @ \$11.31; JV Purchased Cost: JV2 @
\$.04998; JV5 @ \$.04998
- III. Electric Department Report
- IV. Any Other Items to Come Before the Board

Gregory J. Heath, Finance Director/Clerk of Council

Meeting Minutes
Monday, October 14, 2013 at 6:30 PM

Corbin noted that the Efficiency Smart program started in January 2011. It is a full service program for residential, commercial and industrial customers. It is branded with each local utility's logo. Jolene Thompson said AMP has 30 employees working on this program.

Carl Andre covered program accomplishments here. AMP will work with any vendor or group of vendors as vendor partner allies. Kurtz Ace Hardware has been excellent to work with regarding purchasing items on a coupon basis. The Efficiency Smart program helps both landlords and renters. Alex Products is doing installation themselves so we sent them a rebate check. We are always looking out for things to help the City.

Accomplishments include:

Actual annual savings of approximately \$310,372

Actual lifetime savings of approximately \$3,836,719

Actual lifetimes savings of approximately 46,379 MWh

Corbin described some proposed projects/services for the new contract. He commended Bisher for his work on this project, noting that Bisher challenged AMP to give more since Napoleon is giving more. AMP gave Napoleon twice the savings since Napoleon is paying twice the rate. Corbin said the program's technical expertise is valued more by many businesses than the financial incentives. Businesses have 24/7 access to experts in this field. The program will do LED lighting pilot projects in three communities this fall

DeWit said this is a good program. He would rather do this than build windmills and photovoltaic cells. He asked if there is any chance of leveraging this program with Campbells to get them to buy from the City instead of Toledo Edison. Bisher said he talked with Campbells on two different contract cycles. Toledo Edison always comes in and talks them into staying. Bisher will try to find out when their contract expires. They may have a 30 year commitment. The stumbling block before was annexation. We can only sell 50% of our load outside and Campbells is too big.

Andre said Campbells has a corporate directive to be as green and efficient as possible. Bisher said taking business away from Toledo Edison mid-contract may not be a good thing. He can talk to them about saving power, but we can't legally do that for someone else's power. Engler asked if FirstEnergy has programs like Efficiency Smart. Thompson said they do, but their programs are different than ours.

**Motion To Continue
Efficiency Smart Contract
For 2014-2016**

Passed
Yea-3
Nay-0

Motion To Adjourn

Passed

Motion: DeWit

Second: Cordes

To recommend to continue the Efficiency Smart contract for 2014, 2015 and 2016

Roll call vote on above motion:

Yea- Engler, Cordes, DeWit

Nay-

Motion: DeWit

Second: Cordes

To adjourn the meeting at 7:30 PM

Roll call vote on above motion:

Yea-3
Nay-0

Yea- Engler, Cordes, DeWit
Nay-

Date

Keith Engler, Chair

DRAFT

City of Napoleon, Ohio

WATER, SEWER, REFUSE, RECYCLING & LITTER COMMITTEE

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

Meeting Agenda

Monday, November 11, 2013 at 7:00 PM

- I. **Approval of Minutes** *(In the Absence of any Objections or Corrections, the Minutes Shall Stand Approved)*
- II. **Water Rate Study**
- III. **Cooperative Agreement on the Building of a New Water Plant**
- III. **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, September 9, 2013 at 7:00 PM

PRESENT
Water, Sewer Committee
City Staff

Recorder
Others

ABSENT

Call To Order

Approval Of Minutes

**Assigning Malinta & Florida
Water Contracts to Henry
County Regional Water/Sewer
District**

Jeffrey Lankenau - Chair, Patrick McColley
Dr. Jon A. Bisher, City Manager
Dennis Clapp, Electric Superintendent
Trevor Hayberger, Law Director
Gregory J. Heath, Finance Director/Clerk of Council
Scott Hoover, Water Treatment Plant Superintendent
Dan Wachtman, MIS Administrator
Barbara Nelson
News Media, Rex Huffman

Chris Ridley

Chairman Lankenau called the meeting to order at 7:00 PM.

McColley made a correction to the July 8 meeting minutes. He did not make the motion on page 2 and voted against it. The motion must have been made by Ridley. Lankenau said with that correction, the July 8 minutes stand approved.

Lankenau moved the agenda to Item III. because Rex Huffman was there to discuss it. Bisher said we are discussing contracts between the City of Napoleon & Malinta and the City of Napoleon & the Water Sewer District (WSD). This has nothing to do with the county or new water plant. The Village of McClure went to the WSD and asked for help. They built a line between Malinta and McClure to service them. There has been some issues between WSD and Malinta to get the water down there. Citizens from McClure are still getting water off the river and they need to get the line in service. We talked to Malinta about being a partner with us or joining the WSD. Malinta got their own attorney. Huffman & Hayberger have been working with Malinta's attorney, David Pettigee. Malinta wants to join the WSD immediately, but we have a 40-year contract with them.

The question is what happens to Napoleon if we assign or end our contracts with Florida and Malinta, and allow the WSD to enter into contracts with those two entities. We believe that if we can solve this problem, we end up with additional customers. We currently receive 3 checks: WSD, Malinta & Florida. If we terminate contracts with Florida and Malinta, they would be customers of WSD and we would get all of the money through WSD. We believe we would pick up an additional \$170,000 in revenue from the new customers that WSD would bring to us. McColley said this would also enable us to spread out our fixed operational costs amongst more units.

Bisher said this deal is a deal we need to do: (1) to make the EPA happy; (2) to make sure that McClure gets water from Napoleon and to tie them to us; (3) to make it easier logistically. There is only one other contract:

Liberty Center. We are not doing anything with them right now.

Bisher said Heath reminded him that the City did a waterline with Malinta some time ago when Terry Dunn was City Manager. When we built the waterline from Napoleon to Malinta, we did not put a master meter near the corporation line. We put it in the country close to Huddle Farms so they would be a Napoleon customer, not a Malinta customer. Malinta debted that whole thing, but Napoleon pays for our share (37.5%) of that line from Napoleon to the master meter. We want that line that way. If it's behind the master meter, we don't want them maintaining it, flushing it, etc. Our paycheck is that master meter. Heath figured out there is 3 years debt (about \$120,000) left to pay. We would continue to pay that debt service with money from WSD and own the line up to the master meter. If we terminate the contract, part of the contract is how we reimburse Malinta for that 37.5%.

Rex Huffman introduced himself. He said McClure was under findings and orders from the Ohio EPA and didn't respond in a timely fashion. That was forwarded to Chicago EPA. They had to do several things to keep producing their own water. The primary thing was to create a reservoir. They chose to pass that baton to Henry County Regional WSD to look at their water needs and find an alternative. WSD determined they could get the best quality water for the lowest price by extending the waterline from Grelton to McClure. That waterline was bid and built this year. The EPA will provide a permit to install provided that WSD has that water plant decommissioned by September 30.

Huffman said we thought we would have the water flowing by mid-May then heard about the possibility of extending the waterline under the river which would be less of a hassle. We got sidetracked and the EPA didn't appreciate this delay. They want that water plant decommissioned. The water quality is better now than ever from that plant, but it is a more costly way to produce water for those citizens. Operating a plant at less than capacity is not prudent. Extending water to others is better for all. That's the future. Regional water is important to everyone. This is a first step. This is a beginning step to making Napoleon and WSD an independent water source for the citizens of Henry County.

McColley said McClure's water consumption is almost as much as Liberty Center. Huffman said the water figures are based on McClure's water consumption from producing water. They don't have a need to be cautious about conserving. Some water may be lost now. Henry County will employ someone for Malinta and McClure to help them conserve water. Malinta is on board except for the details of the contract and understanding the billing. Their big concern is they don't want a worse situation. We are putting some safeguards in the system to protect Malinta and McClure. We are making adjustments to three water towers: Napoleon, Malinta, McClure. We are putting valves in the towers to prevent draining them.

Huffman said Malinta has a deadline with the EPA. This month is the time to have Napoleon water there. Expediency is needed. We haven't had much discussion with Florida. Bisher said if Council directs legislation at their next meeting, it could be brought back the first week of October and

passed under emergency. Hayberger said he will do what he can. Huffman said WSD has an agreement with Malinta that allows them to buy Napoleon water. The billing issue is the problem. Bisher said we need to write a contract after terminating the contract with Malinta. The contract we have doesn't cover debt service. Huffman recommended that the City assign their Malinta contract to WSD. Heath said we can't assign it because the rate is included.

Hayberger said McColley and Lankenau both work for the county. He requested an opinion from the Ethics Commission regarding their dealing with the WSD. He does not believe there is a conflict here because the WSD is a separate political subdivision from the county.

**Motion To Request Legislation
To Terminate Contract With
Malinta**

Passed
Yea-2
Nay-0

Motion: McColley Second: Lankenau
To recommend that Council request legislation to terminate the water contract with Malinta

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

Huffman said this action will allow WSD to assign water to Malinta.

**Unison Site Leasing On Water
Towers**

Bisher said Unison specializes in leasing water towers then finding customers to sit on top of them. We have one customer on the tower now and that is Verizon. We also had Nextel but companies get bought up and change quickly. Unison wants to lease the top of the tower and pay us upfront and get their monthly money from Verizon. We would get 50% of payment for any other new leases. Unison will pay us \$124,000 upfront for Verizon. Wachtman said there is a 20 year lease that automatically renews for 20 more. We're into the lease for about 10 years.

McColley asked where the \$120,000 would go. Bisher said it goes into the water account. Unison proposes a 40 year lease at \$248,400 with the first \$124,000 paid at closing and the remainder paid on the 20th anniversary of closing. We are getting \$1,300 per month now. McColley said Unison is in the business of marketing this and we're not. Lankenau clarified that the City will get two lump sums plus 50% for any new tenants. Bisher said this is for the main tower at Vocke St.

**Motion To Move Forward With
Unison Site Leasing Contract
For Water Tower**

Passed
Yea-2
Nay-0

Motion: McColley Second: Lankenau
To recommend that Council move forward with a Unison site leasing contract for the water tower

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

Scott Hoover, Water Treatment Plant Superintendent, asked about the lease agreement's provision for maintenance of the water tower. Wachtman said that falls on Verizon and we assign the Verizon contract to Unison. The contract says they have to maintain the tower. Unison is buying the future of the Verizon contract.

McColley asked if the south tower also has leasing agreements. Hoover said the tower is not designed for that. Wachtman said the same thing could be done to the south tower. Verizon paid for all of the engineering and apparatus needed for the Vocke St. tower. Lankenau said we want some protections in the lease with Unison that their subtenants do not damage our tower. Bisher said Hayberger will look at the contract and make changes. Lankenau said if we are assigning the Verizon contract to Unison, the protections we have in place now should continue.

Motion To Adjourn

Passed
Yea-2
Nay-0

Motion: McColley Second: Lankenau
To adjourn the meeting at 7:32 PM

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

Date

Jeffrey Lankenau, 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: November 4, 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, November 11
at 7:30 PM, has been CANCELED due to lack of agenda items.

City of Napoleon, Ohio

PRIVACY COMMITTEE

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

MEETING AGENDA

Tuesday, November 12, 2013 at 10:30 AM

1. Approval of Minutes from May 14, 2013 (In the Absence of any Objections or Corrections, the Minutes Shall Stand Approved)
2. Review of Policies/Procedures for Identity Theft Prevention
3. Report from Staff
4. Any Other Matters To Come Before The Committee

Gregory J. Heath, Finance Director/Clerk of Council

City of Napoleon, Ohio
PRIVACY COMMITTEE

Meeting Minutes

Tuesday, May 14, 2013 at 10:30 AM

PRESENT

Members

City Staff

Recorder

Christine Peddicord – Chair, Robert Weitzel, Trevor Hayberger

Lori Rausch, Utility Billing Supervisor

Barbara Nelson

ABSENT

Members

None

Call To Order

Chairperson Peddicord called the meeting to order at 10:35 AM.

Approval Of Minutes

Minutes from the November 13, 2012, meeting stand approved as presented with no objections.

Review Of Policies/Procedures

Chief Weitzel is getting ready to hire a lot of people and wants to be sure the privacy/identify theft prevention forms are in the hiring packet. Peddicord believes they are. Hayberger said the forms were in there when he was hired a year ago. He remembers signing them.

Report From Staff

Lori Rausch, Utility Billing Supervisor, said there was one concern regarding check documentation, but it turned out to be no problem and the case was closed.

Any Other Items

There are no other items of concern at this time.

Motion To Adjourn

Motion: Hayberger Second: Weitzel

To adjourn the meeting at 10:37 AM

Passed

Yea-3

Nay-0

Roll call vote on above motion:

Yea- Peddicord, Hayberger, Weitzel

Nay-

Date

Christine Peddicord, Chair

City of Napoleon, Ohio

BOARD OF ZONING APPEALS

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

Meeting Agenda

Tuesday, November 12, 2013 at 4:30 PM

I. Call to Order

II. Roll Call

III. Approval of Minutes

(In the absence of any corrections or objections, the minutes shall stand approved.)

IV. New Business

BZA 13-06 1004 W. Riverview Ave. Accessory Building Variance

An application for public hearing has been filed by Ken Lause, 1004 W. Riverview Ave., Napoleon, Ohio. The applicant is requesting an increase of the allowed gross floor area of an accessory building at 1004 W. Riverview Ave., from 1000 square feet to 2400 square feet, 1400 square feet more than allowed by City code section 1131.01. This property is located in an R-2, residential district.

V. Closing Remarks

VI. Adjourn

Gregory J. Heath, Finance Director/Clerk of Council

City of Napoleon, Ohio
BOARD OF ZONING APPEALS

Meeting Minutes

Tuesday, June 11, 2013 at 4:30 PM

BZA 13-04 525 Jahns Rd. Front Yard Variance

PRESENT

Board Members

City Staff

Recorder

Others

ABSENT

Board Members

Call To Order

Minutes Approved

**Background On
BZA 13-02**

**Research &
Information**

Robert McLimans – Chair, David Dill, Laurie Sans, Steve Small
Tom Zimmerman, Building Inspector
Barbara Nelson
Doug Stuber, Tom Russell, Michelle and Tim Townsend

Tom Mack

Chairman McLimans called the meeting to order at 4:30 pm with roll call.

Minutes from May 14 stand approved as read.

McLimans read the background information on BZA 13-04:

An application for public hearing has been filed by Doug Stuber, 525 Jahns Rd. Napoleon, Ohio. The applicant is requesting a variance to decrease the current front yard setback of 30 feet to 14 foot to build a 10 x 46 foot addition to the side of his existing attached garage. This property is located in an R-2, Low Density Residential zone.

Zimmerman read the research & information:

1. 525 Jahns is on a corner lot with two 30 front yard setbacks. The requested 14 foot variance is all on the Duquesne Dr. side. The existing garage and proposed addition are just behind the 30 foot setback on the Jahns Rd. side.

Zimmerman said the City's Code was changed on January 19, 2011. The plan for this garage was discussed prior to that. This addition would have been allowed in the old Code. He sent a letter to everyone within 200' of the property. He received one letter today and read it into the record:

Zoning Board of Appeals: June 11, 2013

In response to the variance requested for 525 Jahns Rd. We object to the addition for safety concerns.

The traffic at the crossing of Jahns and Duquesne could be visually obstructed. Making a turn from Duquesne to Jahns or Jahns to Duquesne could worsen if the vision for these streets are blocked.

The front of our home will face the addition and our driveway is at this corner and this could block our vision.

Opening of the access road on Bonaparte has increased the traffic entering and leaving Duquesne Dr.

Will the addition improve our area visually?

Thank you.
Albert Tajblik

Wilma Tajblik
10 Duquesne Dr.

Zimmerman said the letter writer lives on a corner opposite Stuber.

Swearing In

Chairman McLimans swore in Doug Stuber.

Testimony

Stuber said his current garage looks nasty. He is trying to make a visual improvement and improve the parking situation. He has 3 sons driving plus him and his wife. There are 4 vehicles that obscure the view from Jahns to Duquesne. Inside parking will improve everything on his lot. This would reduce the current setback to 14' from 30'.

Questions

Zimmerman said it is a 14' variance that is 16' from the property line. Dill said it looks like Stuber is already out of code. Zimmerman said he is 4' over now, but that is an existing condition. There was a 4' variance for the front of the house that allowed Stuber's 2 porches to be covered. Dill asked if the Jahns Road side is in code. Zimmerman said it is exactly in code. It is 30' from Jahns.

Sans asked if Stuber is adding on to the garage or tearing it down. Stuber said he is tearing it down to build a new 2 car garage. Dill asked if it is a single car garage now. Stuber said if he had a small car, it would fit. It has a 8' door. Sans noted that a neighbor feels the garage will come out too far. Stuber said it should not obstruct too much. The front of the garage would be at least 2-1/2 to 3 car lengths from the stop sign.

McLimans said his concern is not the extension onto Jahns but toward Duquesne because it sets up a visual impairment. Stuber said he spoke with another neighbor there and she said she is in favor of it. Small asked if McLimans's concern is regarding traffic or aesthetics. McLimans said aesthetics. Small agreed saying it is not a problem with traffic. McLimans asked for input from the audience.

Tom Russell said he would like to speak. McLimans swore in Tom Russell.

Russell asked if Stuber has a picture of the building looking from Duquesne. Stuber said he didn't draw it up, but there will be two windows on that side. Russell said the windows would be good aesthetically. It will help if the cars are parked in the garage. If not, it will hurt. He lives around the corner. Vision is impaired both ways now because the neighbor across the street has trees that are an impairment. He would be neutral on the situation if the garage is used properly. It will alleviate cars sitting closer to Jahns Rd and improve everyone's vision.

Stuber said if he puts up a garage, it will be used. McLimans asked about Stuber's work trailer. Stuber said the trailer is only parked there when he is working on his house. He is currently remodeling the house. He remodeled the bathroom, living room, kitchen and dining room and only has one end of the home to remodel. He has places for trailers to be parked 98% of the time. If he brings a trailer home in the evening, it's because he is leaving early in the morning.

Russell said if Doug is true to his word, it will work fine and be an improvement. Small asked if Stuber is pouring a new driveway. Stuber confirmed. Zimmerman said the drive will remain the same width at the curb and get wider at a point further up.

McLimans asked Stuber if he needed a full 10'. Could it be less? Stuber said 10' gives an overall size of 28' across the front. He is not opposed to negotiations if we can work something out. There is no storage in the house and he hopes to store things in the garage. He could sacrifice a couple feet. McLimans said he would be more comfortable if it is less than 10'. He asked if there will be attic storage. Stuber said there will be some in the garage, but he doesn't want the garage roof to be overbearing of the home. He wants it to blend in with the existing roof. There will not be a tremendous amount of attic space.

Sand asked if it will be a 4 car garage. Stuber said it will be a 2 car garage. He can go 24' for a 2 car garage. Russell asked if the small door will be on the Duquesne side. Stuber said it is not carved in stone to be on the Duquesne side. He was thinking about putting one next to the windows on the other side. Russell said this could also go in the rear. He asked if Stuber has to have a slab. Zimmerman said a slab is okay anywhere.

Dill said asked if Stuber is comfortable with 2' less. Stuber said he could sacrifice that. McLimans said 21' or less works. Small agreed that the area will look better and if used for intended purpose, the garage will make a dangerous situation better. The cars are more of an obstacle than the garage will be. Dill said he talked to Police Chief Weitzel who said getting the cars away from the corner would help. Stuber said this has been a concern for him too. He sometimes parks in the grass to open up the corner more.

Dill asked if he will load the garage off Duquesne. Stuber said the existing garage is only 16' deep. It would be wall to wall to get vehicles in and other people would object if he did that due to cars being parked there.

**Motion To Approve
BZA 13-04**

Motion: Small Second: Dill
To approve the variance for BZA 13-04 with a revision to 18' from the property line on Duquesne

**Passed
Yea-4
Nay-0**

Roll call vote on above motion:
Yea – Dill, Sans, Small, McLimans
Nay –

Meeting Continued

Meeting continued with consideration of BZA 13-05.

Date

Robert McLimans, Chair

City of Napoleon, Ohio
BOARD OF ZONING APPEALS

Meeting Minutes

Tuesday, June 11, 2013 at 4:30 PM

BZA 13-05 715 Wayne St. Garage Variances

(Meeting continued after consideration of BZA 13-04)

PRESENT

Board Members

City Staff

Recorder

Others

ABSENT

Board Members

**Background On
BZA 13-05**

**Research &
Information**

Swearing In

Testimony

Robert McLimans – Chair, David Dill, Laurie Sans, Steve Small
Tom Zimmerman, Building Inspector
Barbara Nelson
Michelle & Tim Townsend

Tom Mack

McLimans read the background information on BZA 13-05:

An application for public hearing has been filed by Michelle Townsend, 715 Wayne St., Napoleon, Ohio. Two variances are needed before a Zoning permit can be issued for the proposed construction of a 28'x 22' detached garage.

1. A variance to allow a residential accessory use in a C-4 zone.
2. To decrease the current front yard setback of 40 feet as allowed by City code section 1147 to 1.5 feet. This property is located in a C-4, Planned Commercial zone.

Zimmerman read the research & information:

1. Construction of an accessory building is enlarging a residential use. This residence being located in a C-4 Zone is an existing nonconforming use. Section 1129.04 of the Zoning Code prohibits extension or enlargement of nonconforming situations without a variance.
2. The residence is on a corner lot parallel with Wayne St. The detached garage will face St. Rt. 424 that is on an angle and the property line is close at the rear of the lot.
3. Construction of the garage will not cause a sight obstruction at the corner of Wayne and 424.

Zimmerman said this property is zoned C4 on the edge. It may not be properly zoned. This Board can't change that. A variance is needed for the zone and one for the front yard.

Chairman McLimans swore in Michelle Townsend.

Townsend said the current garage is useless. It is too small to put a vehicle in. She and her husband, Tim, drive a pickup and semi. She doesn't want the semi to go in, but will park in front of the current garage. Tim has two vehicles to restore. They will build a new garage detached from the house. Due to property lines, they don't have room to go much larger than they currently asked for. Tim would like to get a vehicle into the garage and start working on it.

McLimans asked if Zimmerman did the 200' notification. Zimmerman affirmed, stating there was no response either for or against. McLimans noted there is no one here to

Questions

offer anything.

Sans asked if the detached garage is an accessory building. Zimmerman said the other garage wasn't detached so it is part of the house. Small asked Townsend to describe the proposed garage. Townsend said it will be a 2 car garage, 22' wide and 28' deep to hold a full-size pickup. Zimmerman said this is not a pole barn. It will have a foundation, cement floor and vinyl siding. Tim Townsend said the vinyl siding will match the house. McLimans asked if access will be from Riverview. Townsend confirmed. Sans asked who will pour the driveway. M. Townsend said they have a contract with Jason Westhoven to do the whole project. They are waiting for the okay to move forward. They will put in the foundation for the garage, then stone. They will wait to save enough money rather than have to get loans to pour the rest.

Zimmerman said there are very wide setbacks on this road that used to be a State route. The trees stick out farther now than the garage will. Townsend said it is not a square lot. McLimans suggested that the Board consider both parts of the request at the same time in their motion.

**Motion To Approve
BZA 13-05**

Motion: Sans Second: Dill
To accept both items 1. and 2. and approve BZA 13-05 as written

Passed
Yea-4
Nay-0

Roll call vote on above motion:
Yea – Dill, Sans, Small, McLimans
Nay –

Adjournment

Motion: Small
To adjourn the meeting at 5:05 pm

Passed

Motion approved by unanimous voice vote.

Date

Robert McLimans, Chair



UPdate

A weekly newsletter presented by AMP President/CEO Marc Gerken

November 8, 2013

Fitch affirms 'A' rating for OMEGA JV5

By Bob Trippe – senior vice president of finance/CFO

Fitch Ratings (Fitch) has affirmed the 'A' rating with a stable outlook on the Ohio Municipal Electric Generation Agency (OMEGA) Joint Venture 5 (JV5) Series 2001 beneficial interest certificates and Series 2004 beneficial interest refunding certificates.

The bonds were issued to finance the construction of the Belleville Hydroelectric project facilities with aggregate generating capacity of 42 megawatts (MW) located on the Ohio River, along with 40 MW of diesel peaking capacity. The facility is owned by 42 Ohio AMP members and operated on their behalf by AMP.

Fitch's press release pointed out that the major factors driving the 'A' rating are:

1. Solid project operations – JV5 supplies reasonably priced wholesale power since 1999, much of which is emission free and generated by the project's principal asset, the 42-MW Belleville hydroelectric generating plant.
2. The entire output is contracted by the participants pursuant to a take-or-pay joint venture agreement.
3. Stable financial performance – JV5 has historically reported stable financial results with solid liquidity.
4. The participants are a geographically and economically diverse group of Ohio cities and villages. A concentration of solid purchasers, with the top seven participants, including Bowling Green, Cuyahoga Falls and Niles, accounting for over 68 percent of the project output and ownership. The top seven participants are exhibiting solid credit characteristics and utility fundamentals as well as demonstrating stabilization in electric sales in recent years.
5. Strong standard contract provisions including a 125 percent step-up provision.

If you would like a copy of the press release, please contact Chris Deeter at 614.540.0848 or cdeeter@amppartners.org.

AMP files comments on RICE NESHP

By Julia Blankenship – director of energy policy & sustainability

On Nov. 4, AMP filed comments with the U.S. Environmental Protection Agency (USEPA) on its reconsideration of three specific sections of its January 2013 final rule establishing National Emission Standards for Hazardous Air Pollutants (NESHP) for Reciprocating Internal Combustion Engines (RICE).

EPA's reconsideration of the final rule is limited to three specific issues:

1. The timing for compliance with the ultra-low sulfur diesel fuel requirements.
2. The timing and information required in annual reports for units that operate over 15 hours per year.

see COMMENTS Page 2



AMP's President & CEO Marc Gerken (center) tours the Cannelton hydroelectric project with Ron Woodward (right), Cannelton site manager, and MWH's resident engineer Carlton Smith on Nov. 5. See Page 3 for updates on all of AMP's hydroelectric projects under construction.

Trends in sustainability

By Julia Blankenship

Last month, the organization Securing America's Future Energy (SAFE) issued a report indicating that expended "green" transportation options could have the combined effects of helping to increase national security, trimming the budget deficit, and addressing climate change concerns.

SAFE is dedicated to reducing American oil dependence through promoting transportation alternatives that use cleaner natural gas and electricity instead of petroleum-based fuels (gasoline and diesel fuel). The report attributed improved national security to a reduced need to have U.S. troops deployed to protect American interests in oil-producing nations at risk, in addition to keeping U.S. investments out of foreign oil imports. By reducing defense needs and retaining capital

continued on Page 2

COMMENTS *continued from Page 1*

- Conditions for operating up to 50 hours per year in nonemergency situations as part of a financial arrangement with another entity.

The agency will not take comments on any other sections of the final RICE NESHAP rule.

AMP's comments on these sections reiterated our previous positions and generally supported the provisions in the final rule, which is under attack from certain merchant generators and environmental organizations. AMP also was able to include two examples of instances in member communities (unnamed) over the summer where members used their RICE units in nonemergency situations allowed under the final rule to avoid local outages. These examples provided excellent real-world evidence that the 50-hour allowance for nonemergency situations should be retained under reconsideration, and not further restricted as certain petitioners have requested.

AMP's comments are posted on the [AMP website](#) and the [Member Extranet](#). Please feel free to contact me with questions at jblankenship@amppartners.org or 614.540.0840.

AMP's annual report lauded by APPA with Award of Merit

By Greg Grant – director of publications

AMP is among 11 public power organizations earning awards from the American Public Power Association (APPA) for their most recent annual reports.

The awards were presented Nov. 6 at APPA's Customer Connections Conference in Portland, Ore.

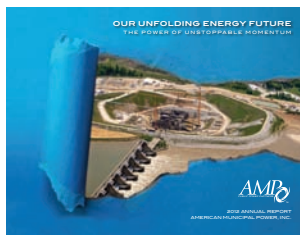
AMP's 44-page 2012 Annual Report, "Our Unfolding Energy Future: The Power of Unstoppable Momentum," earned an Award of Merit in the Class A print category featuring entrants with gross revenues of \$400 million or more. Sacramento, Calif., Municipal Utility District earned the Award of Excellence in that category.

APPA conducts the annual report contest to encourage and recognize excellence in communications. The reports were judged in two categories: digital and print. Awards were given to utilities' reports that showed an ingenuity and creativity in copy, design, financial data, graphics, organization, and communicating the utility's special story.

The annual report contest judges included senior communications professionals representing Platts Electric Power Publications and the National Rural Utilities Cooperative Finance Corp.

Developed and managed by AMP Publications, working at the direction of the AMP executive management team and Board of Trustees leadership, the annual report project is a highly collaborative effort. Contributors providing much-appreciated assistance include AMP staff in Generation Operations, Power Supply, Marketing, Finance, Legal, IT, Risk Control and Member Services, as well as representatives of profiled AMP member communities and vendors and consultants to AMP projects.

Visit <http://amppartners.org/investor-relations/annual-reports/> to read the award-winning 2012 report.



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

Week ending Nov. 8

MON	TUE	WED	THU	FRI
\$42.31	\$34.25	\$31.80	\$33.80	\$35.56

Week ending Nov. 1

MON	TUE	WED	THU	FRI
\$35.15	\$35.70	\$34.23	\$33.07	\$32.95

AEP/Dayton 2014 5x16 price as of Nov. 8 — \$39.45

AEP/Dayton 2014 5x16 price as of Nov. 1 — \$39.60

Trends in sustainability

continued from Page 1

in the U.S. for investment, SAFE projects that the federal budget deficit would be reduced (while also reducing the national debt by \$492 billion by 2040).

On the environmental side, to establish a baseline, SAFE used Energy Information Administration (EIA) projections indicating that all-electric and plug-in hybrid electric vehicles would account for 3 percent of light-duty automobile sales by 2040, with natural-gas medium- and heavy-duty truck sales accounting for 12 percent; SAFE increased these percentages to 60 percent for both electric and natural gas vehicles in 2030 for its low-petroleum scenario.

Details of the report can be found at <https://www.politicopro.com/f/?f=20245&inb>.

Energy prices fall due to weather

By Craig Kleinhenz – manager of power supply planning

This week energy markets were mixed, with colder near-term temperatures pushing prices higher and production data pushing them lower. Nov. 1 usually signals the end of the natural gas injection into storage season. That is not the case this year as robust natural gas production should extend the injection season by a couple more weeks.

December natural gas prices closed yesterday down \$0.06/MMBtu for last week to settle at \$3.52/MMBtu. Electric prices closed lower this week with 2014 on-peak electric prices at AD Hub finishing down \$0.15/MWh from last week, closing at \$39.45/MWh. This represents a three week decline of \$1.31/MWh.

AFEC weekly update

By Craig Kleinhenz

After being offline last Friday, Nov. 1, and through the weekend, AFEC came online Tuesday morning. By Tuesday afternoon the plant was operating at base maximum levels. For Wednesday and Thursday the plant operated at base minimum levels during the overnight hours and base maximum during the on-peak hours.

Duct burners were only used a couple of evening hours on Wednesday. Due to being offline over the weekend the plant ended the week with a 25 percent load factor (based on 675 MW). For the week, AFEC was approximately \$7.89/MWh cheaper than on-peak market prices for base generation.

AMP's hydro projects continue to move closer to completion

By Phil Meier – vice president of hydroelectric development & operations

Cannelton

At Cannelton, concrete placement continues for the entrance building.

Installation of mechanical and electrical equipment, piping, conduits and cabling in the various powerhouse galleries (El. 349, 358, and 367), access buildings and stairwells is all ongoing.

Station compressed air piping and potable water piping are being installed in the powerhouse at El. 358 and 367. HVAC duct and fire protection piping are being installed at El. 361 and in the air supply shaft on El. 349.0.

Flushing of U1 transformer vault drain piping was completed this week. Cable tray and cable installation continues and Eaton is on site performing pre-commissioning testing, hi-pot testing and megger testing the station service equipment (480V breakers). In terms of the turbine and generator installation, the pre-assembly of the U3 bulb nose continues.

ICS, Walsh's mechanical subcontractor, has also been working to get the gate equipment installed. Lastly, Walsh has been working to complete the excavation of the channels and rip rap placement. The total concrete placed to date has been 93,020 cubic yards. The total hardfill placed for the closure structures is 16,267 cubic yards. An aerial from late September is shown.



Smithland

At Smithland, CJ Mahan Construction (CJM) finished setting forms for river-side exterior liner/stay cone wall 9, landside interior intake wall 4, riverside interior and exterior draft tube wall 8, landside interior draft tube wall 8b and riverside suspended pit slab, EL 279.

Placed concrete at these locations was 2,128 cubic yards. Dredge operations continued for the excavation of the tailrace channel. CJM continued final excavation, slope protection, and foundation preparation work for the landside closure structure. Gracon, CJM's mechanical subcontractor, continued Unit 1 rotor shim installation and pole adjustments and began rotor pole connector bar installation.

Other subs for Mahan, Collier Electric performed miscellaneous powerhouse electrical support and National Steel Erection completed welding the Unit 3 upper pier to bulb turbine. An aerial from Oct. 25 is shown.



Willow Island

At Willow Island, Ruhlin continued with forming, rebar and concrete placement in the powerhouse.

There were 1,402 cubic yards placed last week and approximately 1,200 yards are planned for this week.

Placements were made in the tailrace block, stay cone second stage, intake block and landside closure D/S toe wall. Ruhlin continued with backfill, grading and stone placement on the landside embankment in preparation for hardfill placement. They are expected to start hardfill this week. ICS, Ruhlin's turbine generator installation subcontractor, continues with pre-assembly of piping systems and installation of embedded piping.

Ruhlin provided Voith with dimensions to machine inner gate barrel so it will fit within tolerances based on dimensions taken in field. A picture of the work from Oct. 29 is shown.



Meldahl

At Meldahl, Alberici/Baker Concrete (the joint venture) and its subs K-Cor, IHP, Glenwood Electric and Triangle Mechanical continue with formwork, reinforcement, embeds including waterstop, conduit, piping, grounding and HVAC, and concrete placement in the powerhouse entrance building, stairway A, sub-drain floors and emergency closure gate second stage embedments.

Baker Concrete continues with formwork, reinforcement and placement of the upstream and downstream concrete facing walls. Alberici completed alignment of the Unit 1 combined bearing support, continued the pre-assembly of the Unit 1 turbine shaft, transported and lifted Unit 2 distributor to the powerhouse roof and is making preparing to set, continued with installation and alignment of the trash rack and intake bulkhead gate embeds, installing seals on the bulkhead gates and started the erection of the trash rake frame work. Its electrical subcontractor, Glenwood Electric, continues installing conduit and lighting on elevation 444.0, 453.0 and 462.0 and it completed the vacuum oil filling of the three main GSU transformers. An aerial of the work from Nov. 6 is shown.



Wadsworth, Cuyahoga Falls receive DEED grants for projects

Two AMP members have received funding through American Public Power Association's (APPA) Demonstration of Energy & Efficiency Developments (DEED) program.

Wadsworth Electric and Communications is the recipient of a \$65,000 grant to support creation of optimal messages for maximum consumer engagement in energy management tools. The utility is working with Arcmetra, a software company, on the project.

As part of the project, Wadsworth will prepare a top five list of the most effective messages for motivating residential customers to participate in demand response programs, a top five list of the most effective rewards for driving engagement, and summary statistics on how Wadsworth customers used various energy management options over time. Wadsworth will also develop tools to support implementation of similar programs at other public power utilities.

Cuyahoga Falls Electric System has been awarded \$50,000 to test distribution feeder automation and conservation voltage-reduction using high-speed communications and patented Jdiff technology. The project aims to switch manufacturing load on a feeder to another feeder within one-tenth of a second when a power loss occurs. Beyond the reliability boost, the utility hopes to reduce energy consumption by using the technology for voltage control.

The board of APPA's DEED program approved nearly \$600,000 in funding for 11 new research undertakings.

APPA's DEED program, established in 1980, has awarded more than \$1 million in grants in 2013, a record amount for a single year. For more information about DEED, please visit publicpower.org/DEED.

AMP covers the DEED dues for its members, and AMP members have participated in a number of projects throughout the years.

Update Classifieds

City of Columbus seeks engineering associate III

The City of Columbus is seeking qualified applicants for the classification of Engineering Associate III, Dept. of Public Utilities, Division of Power.

This position is responsible for performing advanced paraprofessional electrical engineering work associated with additions, removals, and changes to the Division of Power's Electrical Distribution System. Additionally, this position prepares plans, working drawings, and cost estimates for customer development work including but not limited to new service lines, poles, transformers, meters and other equipment. The position will also consult with private contractors, engineers and property owners concerning construction projects, construction-related problems or the feasibility of providing new electric service.

To qualify you must have completed the twelfth-school grade and have five years of experience performing paraprofessional engineering work. Substitution(s): College education in engineering or a related curriculum may be substituted for up to four years of the experience on a year-for-year basis. A certificate of high school equivalence (GED) will be accepted in lieu of the twelfth grade requirement. Possession of a valid motor vehicle operator's license is required. Starting salary \$21.99 - \$33.00 per hour.

Interested applicants should apply by visiting the Columbus Civil Service Commission website at <https://csc.columbus.gov> and clicking on "current job openings" to follow the instructions for application submission as this posting period will close Nov. 22, 2013.

Resumes must be received by Nov. 22, 2013. Contact: Andy Cherryhomes, Department of Public Utilities, 910 Dublin Road, Room 4150 Columbus, Ohio 43215 or by fax to 614.645.0500, or by email to DPURecruitment@columbus.gov. If you have any questions, please email or call 614.645.3751. EOE

Village of Oak Harbor accepts superintendent of public power applications

The Village of Oak Harbor, OH is accepting applications for the position of Superintendent of Public Power.

This is a fulltime position working under the general supervision of the village administrator, pay rate DOQ \$21.00 - \$35.00 hourly, plus benefits. Minimum qualifications: graduation from high school education or GED equivalent; seven years of experience relating to the construction, repair and maintenance of electric supply and distribution systems including operations of related equipment; five years of Journeyman Lineman experience, and a valid State of Ohio Class A CDL.

Technical Data: All-time system peak - 6,205 kW, 2012 energy sold - 25,488,748kWh, Total Number of Meters 1,847

Applications and position descriptions are available at the Village Administrator's office located at 146 N. Church St., Oak Harbor, Ohio 43449. The application is available on the Village's website at www.oakharbor.oh.us (Government Tab). For a full position description, questions or position details may be directed to the Village Administrator Rob Pauley at 419.898.5561, rpauley@oakharbor.oh.us, weekdays 8 a.m. to 4:30 p.m. Deadline to apply is Nov. 29, 2013. The Village of Oak Harbor is an Equal Opportunity Employer.

Ephrata accepts applications for first class electric lineman

The Borough of Ephrata is seeking a 1st Class Electric Lineman. Ephrata is a small community in Lancaster County, PA. Ephrata is located within 1-2 hours from three major cities: Philadelphia, Baltimore and New York. The borough has approximately 6,600 meters in a service area of 3.4 square miles.

see CLASSIFIEDS Page 5

CLASSIFIEDS continued from Page 4

Working as part of a team, linemen use technical, analytical and electrical knowledge to deliver reliable electric service to customers. 1st Class Electric Lineman will be responsible to perform inspections, maintenance, operations and construction work on the substations, transmission, distribution and street lighting systems. Work on circuits up to 13.2 kV with hot sticks and/or with rubber protective equipment in aerial buckets and in required safety apparel.

Applicants must possess: minimum Class B motor vehicle license; minimum of four years work experiences for a public or private utility or completion of a recognized apprenticeship program, demonstrate thorough working knowledge of transformer connections, phasing, testing line inspections, emergency sectionalizing, meter and service installation; must be able to climb utility poles and perform work up to 60 feet above the ground; and must reside within 30 minutes of Ephrata to respond to call-outs.

The borough offers an attractive wage, comprehensive benefit package and a workplace with an emphasis on quality and teamwork.

Complete an application at the borough or send a resume to: Human Resources Department, Borough of Ephrata, 124 S. State St., Ephrata, PA 17522 or skramer@ephrataboro.org. Visit Ephrata's website at www.ephrataboro.org. Application deadline: Nov. 30. EOE M/F/D/V

Danville looks for electric compliance coordinator candidates

The City of Danville Utilities-Power & Light is seeking an Electric Compliance Coordinator.

Electric Compliance Coordinator performs difficult technical work in the accumulation, manipulation and analysis of electrical system data; Assurance of PCB and Federal Energy Regulatory (FERC) compliance Commission; Serves as FERC Reliability Coordinator; Prepares and maintains FERC compliance records and reports; Coordinates and assists in the acquisition of electric system data; Designs and estimates major projects; Prepares engineering drawings; Performs analysis of system load, voltage and protection; Thorough knowledge of principles of electrical engineering, construction, maintenance and operation of electric systems; Thorough knowledge of federal reliability standards, regulations and compliance requirements; Ability to gather and manipulate data; Ability to effectively communicate in both speaking and writing; Education and experience equivalent to an Associate's degree in electrical technology or engineering and considerable experience with an electrical utility; Possession of valid driver's license and ability to obtain Notary Public certification required. Starting salary range: \$39,333-\$47,199/ DOQ.

Apply online at: www.danville-va.gov Equal Opportunity Employer

Cuyahoga Falls seeks account clerk for billing department

The City of Cuyahoga Falls has given notice that the Cuyahoga Falls Civil Service Commission will administer a written examination for the following position: Account

Clerk II – Utility Billing Department (Open – Competitive Exam) at 6 p.m. Dec. 4 in the Cuyahoga Falls High School Cafeteria, 2300 Fourth Street, Cuyahoga Falls, OH 44221 (Registration will begin at 5:00 p.m.). A valid driver's license or state issued ID must be presented on the evening of the examination.

Under the direction of the Utility Billing Manager, the Account Clerk II performs routine clerical, cashing, bookkeeping, administrative and data processing work in the complete billing process related to utilities and other public services.

Applicant must be a high school graduate or have a GED equivalent, and must have knowledge of computers and electronic data processing, modern office practices and procedures. Applicant must have the ability to perform mathematical computations accurately and quickly, communicate effectively verbally and in writing, establish successful working relationships, work under pressure and/or frequent interruptions, work with angry or difficult customers, accept responsibility for team building and customer satisfaction.

For a full description, visit <http://cfo.cityofcf.com/web/departments/human-resources/job-postings>

Visit www.cityofcf.com to print applications. Applications are also available at the City Building, 2310 Second Street, Cuyahoga Falls, OH 44221 from 8 a.m. to 5 p.m. weekdays.

In order to be eligible to register and take the exam: 1) Completed application, 2) \$25 fee, 3) a copy of DD-214 if applicable, must be submitted to Civil Service Office either in person or by mail, postmarked no later than Nov. 21.

Schuylkill Haven in need of journeyman electric lineman

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

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

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

Schuylkill Haven is located In Schuylkill County, PA and has a population of 5,500. Schuylkill Haven borough has an excellent compensation/benefit package and is an Equal Opportunity Employer. A complete job description and job application can be obtained by contacting the borough office at 570.385.2841 or by logging on to the Borough's website www.schuylkillhaven.org.

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

Fw: SUB HB 5 MOVES OUT OF WAYS AND MEANS COMMITTEE

From: "Gregory J Heath" <gheath@napoleonohio.com>
To: "Roxanne Dietrich" <rdietrich@napoleonohio.com>
Attachments: AM0902Omnibus.pdf (79.2 kB);

11/07/13 09:31 AM

Rox, include in Council Packets.

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

From: "Michelle Jordan" <datataxgroup@gmail.com>
To: "undisclosed-recipients:"@napoleonohio.com
Date: 11/07/2013 09:13 AM
Subject: SUB HB 5 MOVES OUT OF WAYS AND MEANS COMMITTEE

Dear DATA members:

Thank you so much to the municipal representatives who testified yesterday, advising the Committee of the many issues with Sub HB 5. Each had very strong and compelling points, with the common theme of "lost revenue" from this bill.

The House Ways and Means Committee, in session until just after 9 pm yesterday, passed Sub HB 5 out of Committee, and on to the Rules Committee. Next, it will go to the floor of the House, and if passed, will move on to the Senate for action. Additional amendments could be introduced on the floor of the House.

An Omnibus amendment (attached) was introduced by Chairman Beck. An analysis of this amendment and how it impacts the bill will follow later today. An additional amendment, introduced by Rep Amstutz (copy not yet available) would allow the Municipal NOL Study Committee to recommend supplemental funding from local government funds for municipalities who would experience a revenue loss from the bill. There is no actual funding behind this amendment, only that the Committee could make the recommendation. It would be up to the next General Assembly to decide whether or not to move on any recommendation.

There were attempts to introduce amendments that would allow:

- 1) municipalities to determine their NOL carryforward period (if any), introduced by Rep Letson;
- 2) the current 12 day rule would stay at 12 days, but would include the \$500,000 threshold rule and define a day as "preponderance", introduced by Rep Foley; and
- 3) municipalities to have a graduated rate based on income levels, similar to the federal and state rates structures, also introduced by Rep Foley.

Rep Boose made a motion on each amendment to table, and with the majority approving, each amendment was tabled.

The final vote on Sub HB 5 was 13-6 in favor of moving the bill out of Committee, almost strictly down party lines. All Republican members voted for, and all but one Democrat (Rep Slesnick) voted against.

IT IS IMPORTANT TO CONTACT YOUR REPRESENTATIVES prior to this bill going to the floor of the House, to voice your concerns. IT IS ALSO IMPORTANT TO CONTACT YOUR SENATOR to also discuss this bill, as it may be in the Senate's hands shortly.

Please share this information with your administration.

Thank you!

Michelle

--

Michelle Jordan
DATA
Dayton Area Tax Administrators



Ohio Municipal League Legislative Bulletin

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November 8, 2013

OHIO HOUSE WAYS AND MEANS COMMITTEE PASSES Sub.HB 5

After a committee hearing that ran into Wednesday evening and included almost three hours of opponent testimony from municipal officials from across the state, sharing with committee members their community's opposition to substitute HB5, by a 13-6 positive vote, the House Ways and Means committee favorably approved the bill out of committee. Those that voted for the substitute bill were: Chairman Beck, Vice Chairman Boose, Reps. Amstutz, Blair, McClain, J. Adams, Schuring, Scherer, Baker, Terhar, Green, Becker and Slesnick. Committee members who opposed the new bill and voted no were Ranking Minority Member Letson and Reps. Barnes, Foley, Patmon, Rogers, and Winburn. We want to thank those members that believe as we do that the bill is nowhere near ready to be moved out of committee and that serious revisions must be made before the bill no longer represents a threat to the future stability of Ohio's hometowns.

We want to thank those that came to testify before the committee and those that packed the committee hearing room, to offer moral support to presenters and to demonstrate to legislators that there is a tremendous interest in the legislation from all areas of Ohio. Those that presented testimony were Sidney Mayor Mike Barhost, Upper Arlington Councilperson Debbie Johnson, Kettering City Manager Clark Schweiterman, Medina Finance Director Keith Dirham, Troy City Manager Patrick Titterington joined the presentation of information from Troy Fire Chief Chris Boehringer and Shaker Heights Law Director William Gruber. We very much appreciate the time and efforts of all of these municipal leaders.

The committee action Wednesday took nearly five hours to complete and included the adoption of an omnibus amendment which can be found [HERE](#). The league continues to evaluate the language adopted in the bill through the large, multi- subject Chairman's amendment and we continue to identify intended and unintended consequences of what was accepted that had not been previously reviewed by municipal representatives. We have been able to preliminarily determine that very little relief has been given to the revenue losses municipal budgets will suffer through subHB5. There were three treatments "fixed" that municipalities had sought. Those items dealt with 1.removing language increasing certified mail requirements through the new assessment procedure; 2. rectifying the treatment of SERPs by reverting back to allowing the courts to resolve the current actions underway deciding future treatment; 3. language dealing with Board of Directors treatment clarifying withholding requirements was added. We are grateful for those alterations that otherwise would have inflicted additional unnecessary financial pain upon municipalities.

Treatments included in the substitute bill that remain unresolved to the satisfaction of the municipal coalition resulting in real depletions to all ready raided municipal revenues include items such as: Net Operating Loss Carry Forward 5-year mandate with offsets of gains/losses; Occasional Entrant treatment that restricts the ability of municipalities to collect tax obligations to the first day; netting of unlike sources of income through offsets; consolidated return and apportionment allocation treatments;

“throwback” provision reinstatement; and parameters for the newly created Net Operating Loss Carry Forward Review Committee . As different municipal resources review the new language and the sub bill as a whole, new concerns are being identified that may not be included in the list. The Legislative Service Commission (LSC) Fiscal Notes & Local Impact Statement for subHB5 can be found [HERE](#).

There was a second amendment adopted by the committee offered by Rep. Ron Amstutz that would expand the scope of financial impact data to be considered by the newly proposed Net Operating Loss Carry Forward Review Committee to include other financial ramifications, in addition to the 5–year NOL mandate, from the changes enacted through subHB5. The amendment also states that the review committee may consider a reimbursement system to offset negative financial impacts by the reforms to the municipal income tax structure.

We expect subHB5 will be before the House of Representatives and “on the floor” sometime next week so that it can be delivered to the Ohio Senate as soon as possible. It is the growing consensus that the Ohio Senate will act quickly on the bill once it is delivered by the Ohio House and that, for some reason, an artificial deadline has been placed on the bill’s passage before the end of the year to avoid the issues from carrying over into 2014. The issues contained in subHB5 and their effects on cities and villages demand a serious and measured examination by the Ohio Senate. It is the strong hope of the municipal coalition that the bill is not placed on a “fast track” to passage.

Even though the House Ways and Means Committee has moved the bill, it remains very important for municipal officials to call and write their Representative and Senator to let them know that this continued assault on the ability to raise revenue on the local level is unacceptable, it must end and to not support HB5 until it is fixed. The full House has yet to vote on the bill and we know many members are very concerned with the unnecessary financial difficulties this bill will bring to their cities and villages. If you share these concerns for your community, you **must** reach out to your legislators today and tell them there are better ways to achieve greater uniformity, predictability and simplicity to Ohio’s municipal tax system without jeopardizing the delivery of essential services.

ANTI-ANNEXATION LEGISLATION SCHEDULED FOR PROPONENT HEARING

The House State and Local Government Committee has scheduled HB 277, Rep. Stautberg’s legislation to add additional requirements to the Type-II Expedited Annexation procedure, for a second hearing next week. The committee will receive proponent testimony Tuesday, November 12, in hearing room #121 at 1:00p.m. We encourage those concerned with this bill and the new hurdles it would impose upon the ability of municipalities attempting to expand their regions economic development horizons to attend the committee hearing to learn why supporters of the bill feel it necessary that the state interfere in a process that seems to be working efficiently and as intended.

Past Bulletins:

[2013](#)

[2012](#)

[2011](#)

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