Memorandum

To: Mayor & Members of Council From: Monica Irelan, City Manager

Subject: General Information

Date: November 7, 2014

CALENDAR

MONDAY, NOVEMBER 10th

- 1. AGENDA HEALTH CARE COST COMMITTEE @ 8:30 am
- 2. AGENDA ELECTRIC COMMITTEE @ 6:30 pm
 - a. Approval of Minutes from the October 13th meeting are attached.
 - b. Review/Approval of Electric Billing Determinants for November, 2014 the reports are enclosed
 - c. Electric Department Report October 2014
 - d. Review/Approval of ECO-Smart 1st Amendment to Participating Member Schedule
 - INFORMATIONAL Memorandum from AMP on the Outcome and Implications from the 2014 Election.
- 2. AGENDA BOARD OF PUBLIC AFFAIRS @ 6:30 pm
- 3. AGENDA WATER & SEWER COMMITTEE @ 7:00 pm
 - a. Approval of Minutes from the September 8th meeting.
 - b. Review of Appeal to the Decision on Billing Dispute
- 4. AGENDA MUNICIPAL PROPERTIES/ED COMMITTEE
 - a. Approval of Minutes from the July 14, 2014 meeting
 - b. Review of Henry County Economic Development Plan

TUESDAY, NOVEMBER 11TH

- 1. AGENDA **NIEDF Review Committee** @ 9:30 am
 - a. Approval of Minutes the October 17, 2014 meeting minutes are enclosed.
 - b. Review of Koester Corporation Parking Lot Funding from NIEDF Funds.
- 2. AGENDA PRIVACY COMMITTEE @ 10:30 am
- 3. CANCELLATION Board of Zoning Appeals
- 4. CANCELLATION Planning Commission

FRIDAY, NOVEMBER 14TH

AGENDA - City Council and Finance & Budget Committee Meeting @ 8:00 am

SATURDAY, NOVEMBER 15TH

AGENDA – City Council and Finance & Budget Committee Meeting @ 8:00 am

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Records Retention
CM-11 - 2 Years

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Calendar

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	8:30 AM Healthcare Cost Committee Meeting	9:30 AM NIEDF Review Committee			8:00 AM 2015 Budget Review	8:00 AM 2015 Budget Review
	6:30 PM ELECTRIC	10:30 AM Privacy Committee				
	Committee Board of Public Affairs					
	7:00 PM WATER/SEWER					
	Committee 7:30 PM Municipal					
	7:30 PM Municipal Properties/ED Committee					
	Meeting					
16	17	18	19	20	21	22
	6:00 PM City TREE Commission Meeting	AMP - Bisher @Danville, VA	AMP - Bisher @Danville, VA	AMP - Bisher @Danville, VA		
	6:15 PM PARKS & REC					
	Committee Meeting 7:00 PM City COUNCIL					
	Meeting					
23	24	25	26	27	28	29
	6:30 PM FINANCE & BUDGET Committee Meeting			HOLIDAY - Thanksgiving		
	7:30 PM SAFETY & HUMAN					
	RESOURCES Committee Meeting					
30	f 6:15 PM TECHNOLOGY	2	3	4	5	6
	Committee					
	7:00 PM City COUNCIL Meeting					
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			11/7/0014 at 1:55 DM			

City of Napoleon, Ohio

HEALTH CARE COST COMMITTEE

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

Meeting Agenda Monday, November 10, 2014 at 8:30 AM

I. Approval of Minutes from October 27 (In the absence of any objections or corrections, the minutes shall stand approved.) II. Review of Health Care Premium Cost Increases III. Any Other Matters or Items Currently Assigned to the Committee Adjournment IV.

Gregory J. Heath, Finance Director/Clerk of Council

HEALTH CARE COST COMMITTEE

Meeting Minutes

Monday, October 27, 2014 at 8:30 am

PRESENT

Commission Members | Mike Foreman (PD) - Chair, Jamie Mendez (PD), Eric Rohrs (FD), Chad Lulfs

(NB), Mary Thomas (NB), Roger Eis (AFSCME), Greg Heath (AD), Monica

Irelan (AD)

Recorder

Tammy Fein

City Staff Others Morgan Druhot, Human Resources Director

hers Chief Weitzel, Dave Mack, Chad Moll (arrived at 9:12 am)

ABSENT Members

Joel Frey (FD), Leonard Durham (AFSCME)

Call To Order

Chairperson Foreman called the meeting to order at 8:33 am with roll call

noting that a quorum was present.

Approval Of Minutes

Minutes from the September 17 meeting stand approved as presented with no

objections or corrections.

Review Of Health Care Premium Cost Increases Heath reported that the he, Thomas and Druhot attended the renewal meeting of Buckeye Ohio Risk Management Association (BORMA) recently; Thomas distributed an updated memo based on the renewal projections and Proposed Increase and Cost Allocations Review for 2015; see attached.

Heath reported that BORMA adopted a banding formula with the purpose of bringing entities with poorer usage rates in line with a median and those with better usage records to receive credits; the banding formula approved prior to this meeting was two (2) tiered with a range of up to five percent (5%) or minus five percent (5%) depending on usage. Heath stated that the consultants who previously provided administration of the plan changed, and the issue now is that the plan participants have previously taken increases that should have been higher, causing a catching up period of approximately five (5) years. Heath stated that the increases last year were twenty five percent (25%) across the board and the employees took the bulk of that increase; this year the banding was recommended to be changed to a ten percent (10%) level by the consultants going back over a twelve (12) month period instead of an approximate three (3) year rolling average as previously used, which looks at expenses out over premiums paid for the previous year. Heath stated that the overall increase approved was nineteen and a half percent (19.5%) but due to usage, the City falls in the plus end of usage, receiving a ten percent (10%) credit on that increase; adding that the overall increase still applies but is allocated among tiers. Heath believes that all members are bound by contract through next year, and the City may be open to looking at other options, adding that the insurance is claims based and all claims will stay with the City to whatever insurance is chosen; Heath believes that changing groups will cause the City to go to a fixed plan group. Heath restated that the City receives a credit of nine and nine tenths percent (9.9%), a fifteen percent (15%) employee premium share, and the plan is funded fifty percent (50%) by both the employee and the employer, adding that the handout demonstrates the proposed amounts for each plan.

Review Of Health Care Premium Cost Increases (Continued) Irelan reminded the Committee that the nine and nine tenths percent (9.9%) increase is instead of the projected twelve percent (12%); and the increase to employees will be approximately five percent (5%) instead of the projected six percent (6%). Irelan reminded the Committee that the decision regarding how to handle the increase has not been finalized, and she hopes that Council will agree to pay the remainder. Irelan stated that there are different ways of changing the plan to approach the increase through the plan instead of an increase in premiums, though many options have co-insurance which the Committee has previously opposed.

Druhot distributed a memo regarding the different plan options; see attached.

Irelan noted there would be some change in the maximum out of pocket and increases to copays for doctor visits and urgent care visits. Foreman asked how the maximum out of pocket figured was reached; Irelan stated that the third party administrator decided these figures. Irelan stated that this option would bring the nine and nine tenths percent (9.9%) increase down to three and seven tenths percent (3.7%). Irelan stated that another option would be to take on more of the deductible and leave the plan as it currently is; Heath stated that this option is taking the exact plan and increasing the deductible, adding that the premium share would not change and no additional premium increase is proposed.

Heath stated that there were twenty five (25) spouses identified in 2014 as eligible for their own plans, and claims could be impacted significantly by taking the action of taking the spouses off the plan, which Heath believes the consultants will recommend. Foreman stated that he had heard of companies that give employees an amount of money to take the spouse off the current plan; Irelan stated that she has done this in other cities and believes this option to be an added expense for liability and costs money that could go toward raises for employees. Heath stated that the governmental plans have not changed much previously until recently and the current City plan is considered a Cadillac Plan based on dollars through ObamaCare guidelines, though these guidelines do not take effect until 2016.

Irelan believes that the best option is to take a higher deductible and keep the plan as it currently is, and to take the next year to look at other plans to reduce the approximate twenty percent (20%) jumps, and meet with the new plan administrator as well as have more Committee meetings to discuss the options presented.

Eis asked for clarification of option three (3) in the definition of a specialist; Irelan stated that a specialist is a doctor that a general practitioner refers patients to that specializes in a certain area.

Lulfs agrees with increasing the deductible; adding that if the claims increase the rate could increase as well. Heath believes that this is a stabilization year. Lulfs suggested looking at taking the spouses off the plan to reduce the claims and eventually reduce the rates as well. Heath stated that it is not a matter of not wanting to cover the spouses, it is merely a matter of liability on the entity responsible for the payment of these claims. Foreman asked if there was documentation as to the amount of claims by the spouses on the City plan; Druhot has asked for this information but has not yet received it. Foreman

stated that he would like to research if the amount of claims justify taking the spouses off the plan; Irelan believes that the spouse claims are highly impacting the overall amount of claims. Heath stated that taking the spouses off the plan should be a separate issue; Lulfs agreed.

Motion To Move Forward With Higher Deductible Option With No Plan Changes Motion: Lulfs Second: Irelan

To move forward with the higher deductible option with no plan changes

Passed

Yea-8

Nay- 0

Roll call vote on above motion:

Yea- Mendez, Lulfs, Thomas, Rohrs, Eis, Heath, Irelan, Foreman

Nay-

Lulfs believes there was a previous discussion regarding taking spouses off the City plan and how this would affect the cost of the plan; Heath believes that the twenty five (25) spouses on the plan do impact the claims, adding that since the City is in a pool, the City may stay in the upper tier, and the overall increase to the pool rates would be applied to premiums. Heath believes that the pool will eventually go to a base plan within approximately three (3) to five (5) years, which will stabilize the funding in the plan; the changes are being pushed toward how industry plans are handled. Irelan stated that due to the pools, the City may not see such a high impact as anticipated. Lulfs asked how many entities have the spouses included in their plan; Heath stated that other entities in the pool taking their spouses off the plan help drive the claims down. Lulfs asked if there is enough in the pool to make it viable; Heath stated there are 2,500 lives covered in the pool. Foreman asked if there is a plan in place to cover maximum out of pockets next year when prescriptions are added into the cost; Irelan will research this information, adding that any changes to be covered by copays should be researched and discussed with the employees. Foreman asked if the deductible was covered, could the copays be deleted; Irelan stated that this would affect the structure of the plan and the premium costs would increase.

Irelan requested another meeting to discuss options for the new plan.

Heath reminded the Committee that the previous motion made was only affecting the Preferred Provider Organization (PPO) plan, the Health Savings Account (HSA) plan will remain the same. Lulfs asked if Council would give some sort of indication that they will keep paying the deposit for the HSA; Irelan does not believe that Council is confident enough to commit to this at this time. Heath believes that the approved change may be enough to have some single users switch to an HSA. Lulfs asked if the flexible spending account will continue with a carryover as it does now; Irelan believes that this is continuing and has not heard otherwise; Thomas added that the five hundred dollars (\$500) can be carried over for the entire year. Heath asked when the flexible spending plan renewal would take place; Thomas believes the representative will be here the week before Thanksgiving; Heath suggested that the Department Heads encourage the employees to talk with the representative.

A memo will be created to distribute to employees regarding the new plan options and costs.

Any Other Matters Or Items To Come Before The Committee

Motion To Adjourn

Motion: Lulfs Second: Heath To adjourn the meeting at 9:25 am.

Passed Roll call vote on above motion: Yea- 8 Yea- Mendez, Lulfs, Thomas, Rohrs, Eis, Heath, Irelan, Foreman Nay
Date_______



City of Napoleon, Ohio

ELECTRIC COMMITTEE

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

Meeting Agenda

Monday, November 10, 2014 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 @ \$0.06461; Commercial @ \$0.07938; Large Power @ \$0.03815; Industrial @ \$0.03815; Demand Charge Large Power @ \$11.56; Industrial @ \$12.33; JV Purchased Cost: JV2 @ \$0.03578; JV5 @ \$0.03578
- III. Electric Department Report
- IV. Review/Approval of ECO-Smart 1st Amendment to Participating Member Schedule
- V. Any Other Matters or Items Currently Assigned to the Committee
- VI. Adjournment

Gregory J. Heath, Finance Director/Clerk of Council

City of Napoleon, Ohio

ELECTRIC COMMITTEE

Meeting Minutes

Monday, October 13, 2014 at 6:30 PM

PRESENT

Electric Committee

BOPA City Staff Travis Sheaffer – Chair (arrived at 6:45 PM), John Helberg, Jason Maassel

Keith Engler – Chair, Mike DeWit, Dr. David Cordes

Dr. Jon A. Bisher, Special Projects Clerk Dennis Clapp, Electric Superintendent

Gregory J. Heath, Finance Director/Clerk of Council

Recorder Tammy M. Fein **Others** News Media

ABSENT

Call To Order Chairperson Engler called the meeting to order at 6:30 PM.

Committee member Maassel called the meeting to order at 6:30 PM.

The September 8 meeting minutes stand approved as presented with no **Approval Of Minutes**

objections or corrections.

The electric billing determinants for October were presented for review. **Review Of Billing Determinants**

Motion To Recommend Approval Of Electric Billing Determinants

Motion: DeWit Second: Cordes

To recommend approval of electric billing determinants for October 2014

as follows:

Generation Charge: Residential @ \$0.08478; Commercial @ \$0.10540; Large Power @ \$0.05296; Industrial @ \$0.05296; Demand Charge Large Power @ \$14.52; Industrial @ \$14.99; JV Purchased Cost: JV2 @

\$0.03971; JV5 @ \$0.03971

Heath stated that the November billing determinants will reflect a credit of \$133,970.75 received from AMP as a bonus for the renewal of the Efficiency Smart Program; this is a payment of previous balances which will be used as a credit unless direction is given by the Board and Committee to use it otherwise. Bisher added that the Efficiency Smart rebate was due to deferred payments from other communities that did not pay the entirety up front as the City had, and these monies were used as a bonus for renewals which can be used for efficiency programs or can be put back into the Fund.

Passed Roll call vote on above motion: Yea-3 Yea- Engler, Cordes, DeWit Nav- 0 Nay-

Motion To Accept BOPA Recommendation For Approval Of Electric Billing Determinants Motion: Helberg Second: Maassel

To accept the BOPA recommendation for approval of electric billing determinants for October 2014 as follows:

Generation Charge: Residential @ \$0.08478; Commercial @ \$0.10540;

Large Power @ \$0.05296; Industrial @ \$0.05296; Demand Charge Large

Power @ \$14.52; Industrial @ \$14.99; JV Purchased Cost: JV2 @ \$0.03971; JV5 @ \$0.03971

Roll call vote on above motion:

Yea- Helberg, Maassel

Nay-

Electric Department Report

Passed

Yea- 2

Nay- 0

Clapp gave the Electric Department Report (attached).

Clapp stated that the Electric Department crew has continued to help the Glenwood Trailer Park since they are having trouble with meters connected to the doublewide trailers that are being put in there; the department will do these corrections during regular business hours, not overtime hours. DeWit asked if the residents were responsible for paying for the damage to the meters; Clapp stated that the trailer park will be responsible for paying for the new meters if the units and wires are not changed before the warm weather begins again. Helberg asked if the delineation of ownership is at the meter socket; Clapp stated that the City owns the meter and the trailer park owns the socket; adding that this is a special meter used by trailer parks and it would cost the City more to replace the entire unit.

Maassel asked why there were customers listed in the report at half power; Clapp replied this was due to breaker box damage and the resident must call an electrician to remedy the issue.

Clapp stated that the Efficiency Smart Program has downsized personnel due to cost cutting; however he has not heard from any representatives as of yet. Bisher added that the number of meters has been lowered due to the City of Cleveland choosing to opt out of the program.

Helberg asked if the issue at Campbell's Soup was on their site; Clapp stated that it was, and although the City does not service Campbell's, they were desperate for help and the Electric crew checked the wires as a courtesy, adding that this is good public relations practice.

Bisher asked how well the new system worked during the latest power outage; Clapp stated that this was not a big enough outage to test the system; Helberg and Bisher stated that they called in to report the outage using the new system but did not receive a callback; Clapp stated that he did not know that callbacks were not received and he will contact the Police Department to resolve this issue.

Electric Motion To Adjourn

Motion: DeWit Second: Cordes To adjourn the Electric Committee meeting at 6:47 PM

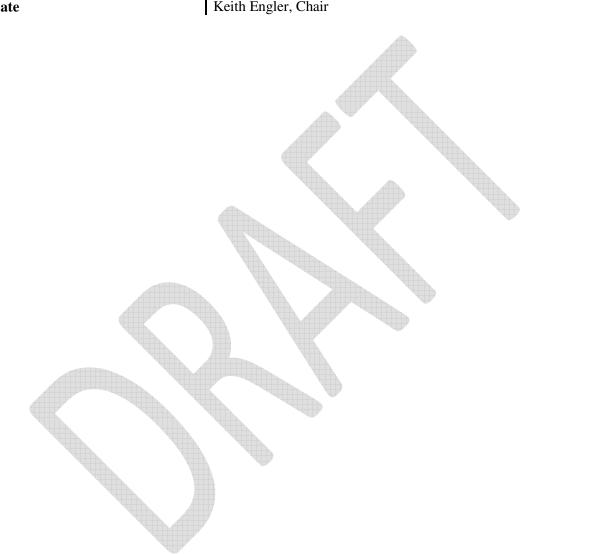
Passed Yea- 3 Nav- 0 Roll call vote on above motion: Yea- Engler, Cordes, DeWit

Nay

BOPA Motion To Adjourn

Motion: Maassel Second: Helberg

	To adjourn the meeting at 6:47 PM
Passed Yea- 3 Nay- 0	Roll call vote on above motion: Yea- Helberg, Sheaffer, Maassel Nay-
Date	Keith Engler, Chair



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Delivered kWh (Replacement/Losses/Offset) ->			32,317					32,317
Delivered kWh (Credits) ->			32,317					-903,523
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Demand Charges		\$440.59	\$15,082.65	\$1,334.86	\$37,949.40			\$151,658.23
Debt Services (Principal & Interest)			\$64,508.32	\$3,531.00				\$230,492.27
Capital Improvements			·					\$0.00
Working Capital			·					\$0.00
Bill Adjustments (General)								\$0.00
DEMAND CHARGES (-Credits)								
Transmission Charges (Demand-Credits)		-\$258.35	-\$3,698.29	-\$32.79				-\$17,819.94
Capacity Credit		-\$1,266.58	-\$11,833.82	-\$175.08				-\$97,724.93
Bill Adjustments (General)								\$0.00
Sub-Total Demand Charges	\$0.00	-\$1,084.34	\$64,058.86	\$4,657.99	\$37,949.40	\$0.00	\$0.00	\$266,605.63
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Energy Charges - (Replacement/Off Peak)		, , ,	. ,					\$26,039.94
Net Congestion, Losses, FTR								\$14,643.10
Transmission Charges (Energy-Debits)								\$31,249.03
ESPP Charges	\$18,234.31							\$18,234.31
Bill Adjustments (General & Rate Levelization)		\$6.07					\$100,000.00	\$100,738.59
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ENERGY CHARGES (-Credits or Adjustments):								
Energy Charges - On Peak (Sale or Rate Stabilization)		-\$88.36						-\$34,328.54
Net Congestion, Losses, FTR								\$0.00
Bill Adjustments (General & Rate Levelization)								\$14,908.09
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Sub-Total Energy Charges	\$18,234.31	-\$53.45	\$44,223.87	\$0.00	\$5,419.21	\$0.00	\$100,000.00	\$592,533.75
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Service Fees AMP-Part B - (+Debit/-Credit) Other Charges & Bill Adjustments - (+Debit/-Credit)	1					\$7,555.15	-\$133,970.75	\$7,555.15 -\$133,970.75
City Rate Adjustment in Cost of Power (1)	1					+	-\$133,970.75 \$60,000.00	-\$133,970.75 \$60,000.00
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Sub-Total Service Fees & Other Charges	\$0.00	\$0.00	\$0.00	\$0.00	\$136,505.14	\$11,448.78	-\$73,970.75	\$73,983.17
TOTAL - ALL COSTS TO ALLOCATE	\$18,234.31	-\$1,137.79	\$108,282.73	\$4,657.99	\$179,873.75	\$11,448.78	\$26,029.25	\$933,122.55
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Purchased Power Resources - Cost per kWH->	\$0.000000	-\$1.716124	\$0.048005		\$0.000000		\$0.000000	\$0.072145
							Electric Service Rate - >	\$0.035775
NOTES: (4) A Dermanent 600 000 Marshill 6			(Northern Pool I	- ower - On-Peak (or	OII-Peak) Energy (Jiiarge/kvvH) = JV5 E	Electric Service Rate - >	\$0.035775
NOTES: (1) A Permanent \$60,000 Monthly Cost of								
	1			1				

DILLING DETERMINANTS for E	DILLING OV	CLE NO	VEMPER OF	24.4					
BILLING DETERMINANTS for E			<u>VEWIDER, 20</u>	<u>)14</u>					
2014 - NOVEMBER BILLING WITH OCTOBER 2									
PREVIOUS MONTH'S POWER BILLS - P	URCHASED PO	WER KWH AN	D COST ALLO	CATIONS BY D	EMAND & ENE	RGY:			
DATA PERIOD	MONTH			DAYS IN MONTH		MUNICIPAL PEAK			
AMP-Ohio Bill Month	SEPTEMBER, 2014	4		30		30,407			
City-System Data Month	OCTOBER, 2014			31					
City-Monthly Billing Cycle	NOVEMBER, 2014			30					
	AMPGS	AMPGS	FIRST ENERGY			AMP SOLAR	PRAIRIE STATE	NORTHERN	FREEMONT
PURCHASED POWER-RESOURCES -> (REM.REQUIREMENT	AMP CT	NYPA		SCHED. @ PJMC 8	POWER	ENERGY
TOTOTIAGES TOWER REGOGRACES X	2014 5x16 @ AD	2014 7x24 @ AD	SCHED. @ ATSI	SCHED. @ ATSI	SCHED. @ NYIS		REPLMT@ PJMC	POOL	SCHEDULED
RATIOS COMPUTATION (By Billed Demand and Er			<u> </u>	<u> </u>	<u> </u>	00.1227 (6-71.10)			00
DEMAND Ratio	0.0000%	0.0000%	0.0000%	118.8814%	35.1177%	-0.9557%	58,4591%	0.0000%	36.3440%
ENERGY Ratio	100.0000%	100.0000%	100.0000%	-18.8814%	64.8823%	100.9557%	41.5409%	100.0000%	63.6560%
Verification Total-Ratio's = 100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100,0000%	100.0000%	100.0000%	100.0000%
COST ALLOCATION TO SERVICE FEES & BILLING	AND RATE ADJUS	STMENTS - By DE	MAND and ENERGY	Y RATIO'S:					
RPM Charges Capacity									
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
Service Fees-AMP Charges (Dispatch, Part A & Pa									
DEMAND - Allocation based on Ratio	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ENERGY - Allocation based on Ratio	<u>\$0.00</u>	<u>\$0.00</u>	\$0.00	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>
Verification Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other Charges & Other Bill Adjustments									
DEMAND - Allocation based on Ratio	\$0.00	\$0.00				\$0.00		\$0.00	\$0.00
ENERGY - Allocation based on Ratio	<u>\$0.00</u>	<u>\$0.00</u>		\$0.00	\$0.00	\$0.00	<u>\$0.00</u>	<u>\$0.00</u>	\$0.00
Verification Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
City Rate Adjustment in Cost of Power (1)									
DEMAND - Allocation based on Ratio	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00		\$0.00	\$0.00
ENERGY - Allocation based on Ratio	<u>\$0.00</u>	\$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
Verification Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	,,,,,	,0.00	,,,,,	,,,,,,	,	,	,,,,,	, , , ,	.,,,,,,

BILLING DETERMINANTS for E								
2014 - NOVEMBER BILLING WITH OCTOBER 2								
PREVIOUS MONTH'S POWER BILLS - P								
DATA PERIOD								
AMP-Ohio Bill Month								
City-System Data Month								
City-Monthly Billing Cycle								
	EFFICIENCY	JV-2	JV-5	JV-6	TRANSMISSION	SERVICE FEES	LEVELIZATION	TOTAL -
PURCHASED POWER-RESOURCES -> (SMART	PEAKING	HYDRO	WIND	CHARGES	DISPATCH, A & B	& CITY RATE	ALL
	POWER PLANT	SCHED. @ ATSI	7x24 @ ATSI	SCHED. @ ATSI	Other Charges	Other Charges	MONTHLY ADDER	RESOURCES
RATIOS COMPUTATION (By Billed Demand and Er	1					A-AMP RATIO	B-CITY RATIO	
DEMAND Ratio	0.0000%	95.3023%	59.1589%	100.0000%	87.5043%	40.6231%	43.0721%	
ENERGY Ratio	100.0000%	4.6977%	40.8411%	0.0000%	12.4957%	59.3769%	56.9279%	
Verification Total-Ratio's = 100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	
COST ALLOCATION TO SERVICE FEES & BILLING								TOTALS
RPM Charges Capacity								
DEMAND - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$119,447.87	\$0.00	\$0.00	\$119,447.87
ENERGY - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$17,057.27	\$0.00	\$0.00	\$17,057.27
Verification Total	\$0.00	\$0.00	\$0.00	\$0.00	\$136,505.14	\$0.00	\$0.00	\$136,505.14
Service Fees-AMP Charges (Dispatch, Part A & Part								
DEMAND - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,650.85	\$0.00	\$4,650.85
ENERGY - Allocation based on Ratio	\$0.00	<u>\$0.00</u>	\$0.00	\$0.00	\$0.00	\$6,797.93	\$0.00	\$6,797.93
Verification Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$11,448.78	\$0.00	\$11,448.78
Other Charges & Other Bill Adjustments								
DEMAND - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$14,631.92	-\$14,631.92
ENERGY - Allocation based on Ratio	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>-\$19,338.83</u>	<u>-\$19,338.83</u>
Verification Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$33,970.75	-\$33,970.75
City Rate Adjustment in Cost of Power (1)								
DEMAND - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$25,843.26	\$25,843.26
ENERGY - Allocation based on Ratio	\$0.00	<u>\$0.00</u>	\$0.00	\$0.00	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$34,156.74</u>	<u>\$34,156.74</u>
Verification Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$60,000.00	\$60,000.00
Verification Total	\$0.00	\$0.00	\$0.00	\$0.00	\$136,505.14	\$11,448.78	\$26,029.25	\$173,983.17

DULING DETERMINANTS for DUL		NOVEMBE				DE
BILLING DETERMINANTS for BILL	ING CYCLE -	NOVEMBE	<u>:R, 2014</u>			
PREVIOUS MONTH'S POWER BILLS - PURC	CHASED POWER S	UPPLY - COST	ALLOCATION:			
			DAYS IN		SYSTEM	
DATA PERIOD	MONTH		MONTH		PEAK	
AMP-Ohio Bill Month	SEPTEMBER, 2014		30		30,407	
City-System Data Month	OCTOBER, 2014		31		00,107	
City-Monthly Billing Cycle	NOVEMBER, 2014		30			
, , , , ,			33			
PURCHASED POWER SUPPLY - COST ALL	OCATION WORKS	SHEET				
	Billing	Billing	RPM	RPM	Service Fees-AMP	Service Fees-AN
	Charges	Charges	Charges	Charges	Charges	Charges
Purchased Power Provider	DEMAND	ENERGY	DEMAND	ENERGY	DEMAND	ENERGY
AMPGS-REPLACEMENT 5x16 @ AD	\$0.00	\$119,386.95	\$0.00	\$0.00	\$0.00	\$0
AMPGS-REPLACEMENT 7x24 @ AD	\$0.00	\$43,803.83	\$0.00	\$0.00	\$0.00	\$0
SALE TO TEA 5x16 @ AD	\$0.00	\$62,412.98	\$0.00	\$0.00	\$0.00	\$0
EFFICIENCY SMART POWER PLANT	\$0.00	\$18,234.31	\$0.00	\$0.00	·	\$0
AMP CT SCHEDULED	-\$19,852.07	\$3,153.01	\$0.00	\$0.00		\$0
NYPA SCHEDULED	\$3,540.82	\$6,541.90	\$0.00	\$0.00		\$0
AMP SOLAR PHASE 1 SCHEDULED	-\$126.33	\$13,345.40	\$0.00	\$0.00		\$0
PRAIRE STATE SCHEDULED	\$133,615.64	\$94,947.12	\$0.00	\$0.00		\$0
NORTHERN POWER POOL	\$0.00	\$4,323.47	\$0.00	\$0.00	·	\$0
FREEMONT ENERGY SCHEDULED	\$43,845.66	\$76,795.15	\$0.00	\$0.00		\$0
V-2 PEAKING SCHEDULED	-\$1.084.34	-\$53.45	\$0.00	\$0.00		\$0
IV-5 HYDRO	\$64.058.86	\$44,223.87		\$0.00		\$0
JV-5 HYDRO JV-6 WIND	\$4,657.99		\$0.00 \$0.00	\$0.00		
		\$0.00			·	\$0
TRANSMISSION and Other Charges	\$37,949.40	\$5,419.21	\$119,447.87	\$17,057.27		\$0
A - AMP Service Fees- Dispatch, A & B	\$0.00	\$0.00	\$0.00	\$0.00	. ,	\$6,797
B - Levelization & City Rate Adder to Cost of Power	\$0.00	\$0.00	\$0.00	\$0.00	·	\$0
C - Outdoor Lght.Credit Reconciliation	\$0.00	\$0.00	\$0.00	\$0.00		
FOTALS - ALL	\$266,605.63	\$492,533.75	\$119,447.87	\$17,057.27	\$4,650.85	\$6,797
RATIOS COMPUTATIONS (By Billed Demand and Energ						
A - AMP Service Fees - Ratio Allocation (Excluding Totals - AMP All Billing Costs by Demand and Energy (ce Fees)			
Ratios to Allocate AMP Service Fees		910, 07				
B - City Rate Adjustment - Ratio Allocation (To Tota	I Cost of Power)					
Totals - All Billing Costs both Demand and Energy						
Ratios to Allocate City Rate Adjustment						
C - Outdoor Street Lights and Miscellaneou - Ratio	Allocation (To ALL Co	ests of Power, Inc	luding City Rate A	djustment)		
Totals - All Billing Costs both Demand and Energy						
Ratios to Allocate City Rate Adjustment						
Other Cost and Reconciliation Items for Power Sup						
C - Outdoor Street Light Reconciliation Credit Com Total Purchased Power Cost (Cost Per kWh, on Page		eet Light Cost by	Average Cost of F	<u>'ower)</u>		
Total Outdoor Street Light kWh by Light Type (on Page						
Net Allocated - Security Street Light Credit	j · · · j					
Less: Security Street Light Corrections (If Any)						
Net Allocated - Security Street Light Credit						

		ING DETERMINAN	15			DEI
BILLING DETERMINANTS for BILLIN						
PREVIOUS MONTH'S POWER BILLS - PURCHA						
DATA PERIOD						
AMP-Ohio Bill Month						
City-System Data Month						
City-Monthly Billing Cycle						
PURCHASED POWER SUPPLY - COST ALLO						
	Other Charges	Other Charges	City Rate	City Rate	TOTAL COSTS	ALLOCATED
	& Bill Adjsmnt.	& Bill Adjsmnt.	Adjustment	Adjustment	TOTAL	TOTAL
Purchased Power Provider	DEMAND	ENERGY	DEMAND	ENERGY	DEMAND	ENERGY
AMPGS-REPLACEMENT 5x16 @ AD	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$119,386.9
AMPGS-REPLACEMENT 7x24 @ AD	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$43,803.8
SALE TO TEA 5x16 @ AD	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$62,412.9
EFFICIENCY SMART POWER PLANT	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$18,234.3
AMP CT SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	-\$19.852.07	\$3,153.0
NYPA SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	\$3,540.82	\$6,541.90
AMP SOLAR PHASE 1 SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	-\$126.33	\$13,345.40
PRAIRE STATE SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	\$133,615.64	\$94,947.12
NORTHERN POWER POOL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,323.4
FREEMONT ENERGY SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	\$43,845.66	\$76,795.13
JV-2 PEAKING SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	-\$1,084.34	-\$53.4
JV-5 HYDRO	\$0.00	\$0.00	\$0.00	\$0.00	\$64,058.86	\$44,223.8
JV-6 WIND	\$0.00	\$0.00	\$0.00	\$0.00	\$4,657.99	\$0.00
TRANSMISSION and Other Charges	\$0.00	\$0.00	\$0.00	\$0.00	\$157,397.27	\$22,476.48
A - AMP Service Fees- Dispatch, A & B	\$0.00	\$0.00	\$0.00	\$0.00	\$4,650.85	\$6,797.93
B - Levelization & City Rate Adder to Cost of Power	-\$14,631.92	-\$19,338.83	\$25,843.26	\$34,156.74	\$11,211.34	\$14,817.9
C - Outdoor Lght.Credit Reconciliation	-\$1,945.41	-\$2,571.23	\$0.00	\$0.00	-\$1,945.41	-\$2,571.23
TOTALS - ALL	-\$16,577.33	-\$21,910.06	\$25,843.26	\$34,156.74	\$399,970.28	\$528,635.63
RATIOS COMPUTATIONS (By Billed Demand and Energy):					DEMAND	ENERGY
A - AMP Service Fees - Ratio Allocation (Excluding JV:					<u> </u>	
Totals - AMP All Billing Costs by Demand and Energy (Ex					\$318,420.99	\$465,420.60
Ratios to Allocate AMP Service Fees					40.6231%	59.3769%
B. City Bata Adjuster and Batis Allegation (To Tatal C						
B - City Rate Adjustment - Ratio Allocation (To Total C					#000 704 OF	# 540.000.00
Totals - All Billing Costs both Demand and Energy					\$390,704.35	\$516,388.95
Ratios to Allocate City Rate Adjustment					43.0721%	56.9279%
C - Outdoor Street Lights and Miscellaneou - Ratio Alle						
Totals - All Billing Costs both Demand and Energy					\$401,915.69	\$531,206.86
Ratios to Allocate City Rate Adjustment					43.0721%	56.9279%
Other Cost and Reconciliation Items for Power Supply						
C - Outdoor Street Light Reconciliation Credit Comput						
Total Purchased Power Cost (Cost Per kWh, on Page 3)	\$0.072145					
Total Outdoor Street Light kWh by Light Type (on Page 2						
Net Allocated - Security Street Light Credit	-\$4,516.64				-\$1,945.41	-\$2,571.2
Less: Security Street Light Corrections (If Any)	\$0.00				\$0.00	\$0.00
Net Allocated - Security Street Light Credit	<u>-\$4,516.64</u>				-\$1,945.41	-\$2,571.2

LECTRIC		MO	NTHLY BILLING DE	TERMINANTS			DETERMINANT				
BILLING DETERMINA	ANTS for BIL	LING CYCLE	- NOVEMB	ER. 2014							
BILLING UNITS - ALLOCA					ΙΙΙ ΑΤΙΟΝ						
BILLING ONLY ALLOON	HONG OF KWITT	ANG DEMINITO & E	THE TOTAL TO	and that E GALO	<u> </u>						
BILLING UNITS - ALLOCA	TION OF kWH &	DEMAND USEAC	SE BY CLASS								
		OR MONTH'S DAT									
Days in AMP-Oh Bill Month		SEPTEMBER, 2014									
Coincidental Peak in Month		SEPTEMBER, 2014									
Days in Data Month	31	OCTOBER, 2014									
(kWh G	1,G2, G3, & G4 ,	- kW D1 & D2)		(CITY STREET LIGHTS	S - kWh ALLOCATION					
	kWh	Metered kW	Billed kVa	Light	Number of	Monthly kWh	Total kWh				
Cstmr. Class or Schedule	<u>Sales</u>	Demand	<u>Demand</u>	Type	<u>Lights</u>	Per Light	by Light Type				
Residential (Domestic)	3,107,145	0		52W	3	17.16	51				
Residential (Rural)	1,215,817	201		70W	87	23.10	2,010				
Commercial (1P)	58,184	13		100W	487	33.00	16,071				
Commercial (1P)(D)	436,078	2,265		150W	58	49.50	2,871				
Commercial (3P)	40	5		157W	2	51.81	104				
Commercial (3P)(D)	2,275,184	8,231		250W	335	82.50	27,638				
Large Power (D)	3,402,219	8,245		400W	105	132.00	13,860				
Industrial (D)	3,027,622	5,448	5,448								
Interdepartmental	335,834	1,001									
Total kWh, kW and kVa	13,858,123	25,409	13,693		1,077		62,605				
Verification Totals ->	13,858,123	25,409		Street Lights	listing - Revised Per	Flectric Superinten	,				
Vollineation Fortage 2	10,000,120	20,100		Otroot Eighto	Thomas Trovidou For	Ziootiio Gaporiittoii	2011(011 12/10/2012)				
	AVE	RAGE AND EXC	ESS DEMAND CA	LCULATION	•						
	Α	В	С	D	Е	F					
		(A / (24 X "Days in	(B / "System Load	(C - B)	D/"Tot.Excess Dmd	(B + E)					
		AMP Bill Month")	Factor")	· · ·	X ("kW Load" -	System					
kWh & Demand	Monthly	Monthly	Caculated (Cal.)		Mthly.Avg.Dmd")	kW Load					
w/Demand (Actual or Cal.)	kWh	Average	or Actual	Excess	Allocated Excess	Delivered					
Cstmr. Class or Schedule	Delivered	Demand	Maximum Demand	Demand	Demand	A & E					
Residential (Dom) (Cal. D)	3,107,145	4,315.48	7,013.00	2,697.52	1,909.53	6,225.01					
Residential (Rural) (Cal. D)	1,215,817	1,688.63	2,744.00	1,055.37		2,435.71					
Commercial (1P) (Cal. D)	58,184	80.81	131.00	· · · · · · · · · · · · · · · · · · ·		116.34					
Commercial (1P) (Actual D)	436,078	605.66				1,780.28					
Commercial (3P) (Cal. D)	40	0.06			-	0.02	-				
Commercial (3P) (Actual D)	2,275,184	3,159.98	8,231.00	5,071.02	3,589.68	6,749.66					
Large Power (Actual D)	3,402,219	4,725.30	8,245.00	3,519.70	2,491.53	7,216.83					
Industrial (Actual D)	3,027,622	4,205.03									
Interdepartmental (Cal. D)	335,834	466.44	758.00	291.56	206.39	672.83	<u>Var</u>				
Total Billed System Demand	13,858,123	19,247.39	34,835.00	15,587.61	11,034.20	30,281.58					
Outdoor Lights	62,605	86.95	141.30	54.35	38.47	125.42					
Total System Demand	13,920,728	19,334.34	34,976.30	15,641.96	11,072.67	30,407.00					
System Load Factor:	61.53%	<- Total kWH Del. /	(Total Sys.kW Load >	X 24 X # Days In Data	a Month)	30,407.00	<-Verification Total				
,		13920728 / (30407 x	,	,	,	, -					
			,	1	1						

LECTRIC			NTHLY BILLING DE			T	DETERMINAN
BILLING DETERMINA	ANTS for BIL	LING CYCLE	' - NOVEMB	ER. 2014			
BILLING UNITS - ALLOCAT					II ATION		
BILLING UNITS - ALLOCA	HONS OF KWITE	IIIU DEMAND & E		HILL HATE CALCE	<u>JLATION</u>		
ALLOCATION OF ENERGY	AND DEMAND	COCTC					
ALLOCATION OF ENERGY	AND DEMAND	<u>COS15</u>					
ENERGY COST ALLOCATION:							
Total Energy Cost (from Power Bi	ills page):	\$528,636		<- Verification Total	 Variations Due To F 	Rounding	
	kWh		=======				
	Billing Units	Percent Allocated	Allocated Dollars \$				
Res./Interdept. (G1):	4,658,796						
Commercial (G2):	2,769,486						
Large Power (G3):	3,402,219						
Industrial (G4):	3,027,622						
							-
Total:	13,858,123		\$528,636	<- Verification Total	 Variations Due To F 	lounding	
Verification Total ->	13,858,123		=======				
DEMAND COST ALL COATION							
DEMAND COST ALLOCATION:	Dillo maga\:	#000 070	#000 0 7 0	. Monification Total	Variation - Dur T		
Total Demand Cost (from Power I	Bills page):	\$399,970	\$399,970	<- Verification Total	- variations Due To F	tounding	
	kW/KVA						
	Billing Units	Percent Allocated	Allocated Dollars \$				
Res./Interdept. (G1):	9,334						
Commercial (G2):	8,646						
Large Power (G3):	7,217	23.83240%					
Industrial (G4):	5,085	16.79209%					
` ′				\/ '' '' T . I	D T I		
Total:	30,282	100.00000%	-	<- Verification Total	- Variations Due To F	Rounding	
Verification Total ->	30,282		=======				
ADDI IED GENEDATION O	DE144ND 0007		DU LINIO DATEO				
APPLIED GENERATION &							
MONTHLY KV	<u>VH & DEMAND F</u>	RATE CALCULAT	<u>ION</u>				
NOVEMBER, 2014	Allocated	Billing	PWR.RATES				
<u> </u>	Costs	Units	CHARGED				
JV's Purchased Cost kWH to Ci							
JV2 Joint Venture Rate (JV2 En			\$0.03578				
JV5 Joint Venture Rate (JV5 En	ergy Only)		\$0.03578				
Generation Charge: Res./Interdept. (G1):	\$300,997	4,658,796	\$0.06461				
Commercial (G2):	\$219,849						
Large Power (G3):	\$129,782						
Industrial (G4):	\$115,492	3,027,622					
	. , -						
Demand Charge:	ΦΩΕ 000	13,858,123				<u> </u>	
Large Power (D1):	\$95,322						
Industrial (D2):	\$67,164	5,448	\$12.33				
Total Billing & Unit Check:	\$928,606	13,858,123					
Verification of Billings & Units:	\$928,606						
Net Average City Cost of Pu	rchased Power/kWH	for Month w/Credits:					
Net Average Customer Cost of	of Billing per kWH fo	r Prior Billing Month:	\$0.10790				



AMERICAN MUNICIPAL POWER, INC.

1111 Schrock Rd, Suite 100

COLUMBUS, OHIO 43229

PHONE: (614) 540-1111

FAX: (614) 540-1078

INVOICE NUMBER: 183963

INVOICE DATE: 10/15/2014

DUE DATE: 10/30/2014

TOTAL AMOUNT DUE: \$877,965.94

CUSTOMER NUMBER: 5020

CUSTOMER P.O. #:

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

City of Napoleon

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

Northern Power Pool Billing - September, 2014

MUNICIPAL PEAK: 30,407 kW TOTAL METERED ENERGY: 13,026,125 kWh

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

Total Power Charges: \$586,643.41

Total Transmission Charges: \$179,873.75

Total Other Charges: \$11,448.78

Total Miscellaneous Charges: \$100,000.00

GRAND TOTAL POWER INVOICE:

ABA: #044 000024

\$877,965.94

RG10046

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

NOTE: PLEASE SEE ENCLOSED BACKUP FOR MORE DETAILED INFORMATION

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

Wire or ACH Transfer Information:

Huntington National Bank

Columbus, Ohio

Account 0189-2204055

Mailing Address:

AMP, Inc.

Dept. L614

Columbus, Oh 43260

BANK LOCK BOX DEPOSIT		AMOUNT
General Fund (010)	10	\$478,200.85
ECC (012)	12	\$956.91
JV6 (066)	66	\$0.00
AMPCT (025)	25	\$30,663.16
ESPP (016)	16	\$18,234.31
JV5 (065)	65	\$0.00
AFEC (004)	4	\$116,055.74
AMPGS (009)	9	\$0.00
PSEC (013)	13	\$220,509.57
JV2 (062)	62	\$0.00
NapSolar (031)	31	\$13,345.40
TOTAL DEPOSIT		\$877,965.94

DETAIL INFORMATION OF POWER CHARGES September , 2014

Napoleon

FOR THE MONTH OF:	September, 2014			Total Metered Load kWh: Transmission Losses kWh: Distribution Losses kWh:	13,026,125 -92,197 0
				Total Energy Req. kWh:	12,933,928
TIME OF FENTS PEAK: TIME OF MUNICIPAL PEAK: TRANSMISSION PEAK:	09/05/2014 @ H.E. 09/05/2014 @ H.E. July, 2013			COINCIDENT PEAK kW: MUNICIPAL PEAK kW: TRANSMISSION PEAK kW:	30,118 30,407 31,687
	0,, _00			PJM Capacity Requirement kW:	31,162
Noneleen Bessuress					
Napoleon Resources AMP CT - Sched @ ATSI					
Demand Charge:	\$2.21	18560	/ kW *	12,400 kW =	\$27,510.15
Energy Charge:	\$0.04		/ kWh *	71,523 kWh =	\$3,153.01
Transmission Credit:	\$1.10		/ kW *	-12,400 kW =	-\$13,704.18
Capacity Credit:	\$2.71		/ kW *	-12,400 kW =	-\$33,658.04
Subtotal Fremont - sched @ Fremont	-\$0.23	33479	/ kWh *	71,523 kWh =	-\$16,699.06
Demand Charge:	\$3.56	64023	/ kW *	8,767 kW =	\$31,245.79
Energy Charge:	\$0.03		/ kWh *	2,365,586 kWh =	\$72,189.22
Net Congestion, Losses, FTR:	\$0.00	01938	/ kWh *		\$4,585.07
Capacity Credit:	\$3.60		/ kW *	-8,767 kW =	-\$31,594.38
Debt Service	\$5.04	10978	/ kW	8,767 kW	\$44,194.25
Adjustment for prior month: Subtota	\$0.05	50998	/ kWh *	2,365,586 kWh =	\$20.86 \$120,640.81
First Energy Remaining Requirement - sch	•	,,,,,,	, 1, 1, 1, 1	2,000,000 R### =	ψ12U,U4U.01
Energy Charge:		34950	/ kWh *	1,785,779 kWh =	\$62,412.98
Subtota	\$0.03	34950	/ kWh *	1,785,779 kWh =	\$62,412.98
JV6 - Sched @ ATSI					
Demand Charge:				300 kW	
Energy Charge: Transmission Credit:	\$0.10	09300	/ kW *	27,713 kWh -300 kW =	-\$32.79
Capacity Credit:	\$0.70		/ kW *	-300 kW =	-\$175.08
Subtota			/ kWh *	27,713 kWh =	-\$207.87
Prairie State - Sched @ PJMC					
Demand Charge:	\$6.36		/ kW *	4,976 kW =	\$31,647.36
Energy Charge:		12668	/ kWh *	3,215,833 kWh =	\$40,736.81
Net Congestion, Losses, FTR: Capacity Credit:	\$0.00 \$3.27		/ kWh * / kW *	-4,976 kW =	\$8,053.19 -\$16,290.42
Debt Service	\$23.76		/ kW	4,976 kW	\$118,258.70
Transmission from PSEC to PJM/MISC				,,=	*****
variable charges/credits	\$0.00	09717	/ kWh	3,215,833 kWh	\$31,249.03
Board Approved Rate Levelization Subtota		74074	/ 1-\A/I: +	0.045.000 134/6	\$14,908.09
NYPA - Sched @ NYIS	\$0.07	71074	/ kWh *	3,215,833 kWh =	\$228,562.76
Demand Charge:	\$6.83	37147	/ kW *	943 kW =	\$6,447.43
Energy Charge:	\$0.01		/ kWh *	479,725 kWh =	\$5,004.18
Net Congestion, Losses, FTR:	\$0.00	01722	/ kWh *		\$826.06
Capacity Credit:	\$3.22	29567	/ kW *	-900 kW =	-\$2,906.61
Adjustment for prior month: Subtota	fo.02	24040	/ kWh *	470 705 LIMIL	\$711.66
JV5 - 7X24 @ ATSI	\$0.02	21018	/ KVVn "	479,725 kWh =	\$10,082.72
Demand Charge:				3,088 kW	
Energy Charge:				2,223,360 kWh	
Transmission Credit:	\$1.19		/ kW *	-3,088 kW =	-\$3,698.29
Capacity Credit:	· · · · · · · · · · · · · · · · · · ·	32196	/ kW *	-3,088 kW =	-\$11,833.82
JV5 Losses - Sched @ ATSI	-\$0.00)6986	/ kWh *	2,223,360 kWh =	-\$15,532.11
Energy Charge:				32,317 kWh	
Subtota	1	#N/A	/ kWh *	32,317 kWh =	\$0.00
JV2 - Sched @ ATSI				<u> </u>	
Demand Charge:				264 kW	
Energy Charge:	\$0.04		/ kWh *	663 kWh =	\$28.84
Transmission Credit: Capacity Credit:		78598 97652	/ kW * / kW *	-264 kW = -264 kW =	-\$258.35 -\$1,266.58
Real Time Market Revenue from JV2 C		7,002	, IXVV	-207 NVV -	-\$1,266.36
Subtota		90072	/ kWh *	663 kWh =	-\$1,584.45
AMP Solar Phase I - Sched @ ATSI	·				•
Demand Charge:				1,040 kW	
Energy Charge: Transmission Credit:	\$0.08	35000	/ kWh *	157,005 kWh =	\$13,345.40
Subtota	\$0.08	34195	/ kWh *	157,005 kWh =	-\$126.33 \$13,219.07
AMPGS Replacement 2014 5x16 - 5x16 @	-		, 1, 1, 1, 1	101,000 RIII -	ψ10,210.01
Demand Charge:				5,000 kW	
Energy Charge:	\$0.07		/ kWh *	1,680,000 kWh =	\$118,322.40
Net Congestion, Losses, FTR:	\$0.00		/ kWh *	4 000 000 : :	\$1,064.55
Subtotal AMPGS Replacement 2014 7x24 - 7x24 @	• • •	71064	/ kWh *	1,680,000 kWh =	\$119,386.95
Demand Charge:	AD.			1,000 kW	
Energy Charge:	\$0.06	60680	/ kWh *	720,000 kWh =	\$43,689.60
					, ,

DETAIL INFORMATION OF POWER CHARGES September , 2014

Napoleon

Net Congestion, Losses, FTR:	\$0.000159	/ kWh *		\$114.23
Subtotal	\$0.060839	/ kWh *	720,000 kWh =	\$43,803.83
Efficiency Smart Power Plant 2014-2017				
ESPP 2014-2017 obligation @ \$1.400 /MWh x 156,294.1 MWh / 12				\$18,234.31
Subtotal	#N/A	/ kWh *	0 kWh =	\$18,234.31
Northern Power Pool:				
On Peak Energy Charge: (M-F HE 08-23 EDT)	\$0.040200	/ kWh *	311,535 kWh =	\$12,523.71
Off Peak Energy Charge:	\$0.033976	/ kWh *	766,412 kWh =	\$26,039.94
Sale of Excess Non-Pool Resources to Pool	\$0.037896	/ kWh *	-903,523 kWh =	-\$34,240.18
Subtotal	\$0.024787	/ kWh *	174,424 kWh =	\$4,323.47
Total Demand Charges:				\$143,758.81
Total Energy Charges:				\$442,884.60
Total Power Charges:			12,933,928 kWh	\$586,643.41
TRANSMISSION CHARGES				
TRANSMISSION CHARGES:	£4.407000	/ 1.34/ +	04 007 1111	PO7 040 40
Demand Charge:	\$1.197633	/ kW *	31,687 kW =	\$37,949.40
Energy Charge:	\$0.000506	/ kWh *	10,710,568 kWh =	\$5,419.21
RPM (Capacity) Charges:	\$4.380500	/ kW *	31,162 kW =	\$136,505.14
TOTAL TRANSMISSION CHARGES:	\$0.016794	/ kWh *	10,710,568 kWh =	\$179,873.75
Dispatch Center Charges:	\$0.000073	/ kWh *	13,026,125 kWh =	\$956.91
Service Fee Part A,				
Based on Annual Municipal Sales	\$0.000229	/ kWh *	153,889,001 kWh 1/12 =	\$2,936.72
Service Fee Part B.				
Energy Purchases	\$0.000580	/kWh *	13,026,125 kWh =	\$7,555.15
TOTAL OTHER CHARGES:				\$11,448.78
MISCELLANEOUS CHARGES:				* 400.000.00
Deposit / (Withdraw) from RSF account TOTAL MISCELLANEOUS CHARGES:				\$100,000.00
TOTAL WINGELLANEOUS CHARGES:				\$100,000.00
GRAND TOTAL POWER INVOICE:				\$877.965.94
				7011,000107

APPENDIX A -Loan Schedule

CITY OF NAPOLEON RATE LEVELIZATION FUND LOAN SCHEDULE

Estimated Annual Interest Rate:

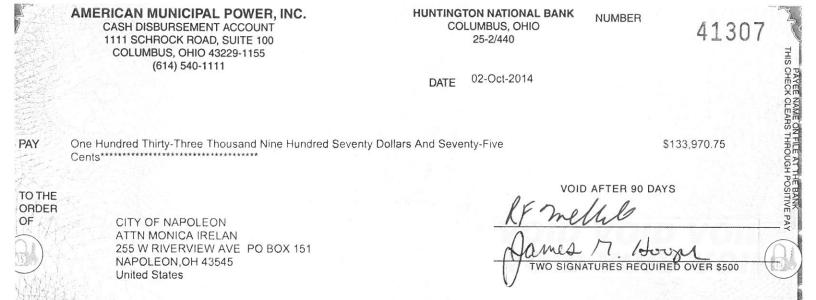
0.00%

	Pa	ayment from				
Month (1)	16	AMP to unicipality (2)	$\frac{1}{2}$	Ionthly Interest	•	1.17
Jan-14	\$	(190,000.00)	\$	Credit		cumulated Loan Balance
Feb-14	\$	(120,000.00)	\$	-	\$	(190,000.00)
Mar-14	\$	(120,000.00)	\$	-	\$	(310,000.00)
Apr-14	\$			-	\$	(430,000.00)
(T)		(90,000.00)	S	196	\$	(520,000.00)
May-14	\$	(120,000.00)	\$	-	\$	(640,000.00)
Jun-14 Jul-14		(120,000.00)	S	-	\$	(760,000.00)
	\$	(180,000.00)	S	-	\$	(940,000.00)
Aug-14	\$	(150,000.00)	\$	-	\$	(1,090,000.00)
Sep-14	\$	(100,000.00)	\$	-	\$	(1,190,000.00)) — *
Oct-14 Nov-14	\$	(100,000.00)	\$	-	\$	(1,290,000.00)
		(100,000.00)	\$	-	\$	(1,390,000.00)
Dec-14	\$ \$	(130,000.00)	\$	-	\$	(1,520,000.00)
Jan-15		(40,000.00)	\$? ~	\$	(1,560,000.00)
Feb-15	S	(10,000.00)	\$	1.55	S	(1,570,000.00)
Mar-15	\$	(30,000.00)	\$	-	\$	(1,600,000.00)
Apr-15	S	50,000.00	\$		\$	(1,550,000.00)
May-15	S	20,000.00	\$	-	\$	(1,530,000.00)
Jun-15	\$	100,000.00	\$	-	\$	(1,430,000.00)
Jul-15	S	70,000.00	\$	1-	\$	(1,360,000.00)
Aug-15	\$	70,000.00	\$	=	\$	(1,290,000.00)
Sep-15	S	150,000.00	\$	74	\$	(1,140,000.00)
Oct-15	S	150,000.00	\$	-	\$	(990,000.00)
Nov-15	\$	150,000.00	\$	-	\$	(840,000.00)
Dec-15	\$	70,000.00	\$	-	\$	(770,000.00)
Jan-16	\$	70,000.00	\$	-	\$	(700,000.00)
Feb-16	\$	110,000.00	\$	-	\$	(590,000.00)
Mar-16	\$	110,000.00	\$	-	\$	(480,000.00)
Apr-16	\$	140,000.00	\$	-	\$	(340,000.00)
May-16	\$	140,000.00	\$	-	\$	(200,000.00)
Jun-16	S	20,000.00	\$	-	\$	(180,000.00)
Jul-16	\$	20,000.00	\$	1-	\$	(160,000.00)
Aug-16	\$	20,000.00	\$	-	\$	(140,000.00)
Sep-16	\$	60,000.00	S	-	\$	(00.000.00)
Oct-16	\$	60,000.00	\$	-	\$	(20,000.00)
Nov-16	\$	20,000.00	\$	-	\$	-
Dec-16	\$	-	\$	-	\$	-

⁽¹⁾ Month means month of power delivery.

December 2016 payment is estimated. Actual payment will include true-up to fully reimburse AMP for principal and carrying charges.

⁽²⁾ Negative means payment from Municipality to AMP



Check Request

Date:

September 25, 2014

Pay To:

City of Napoleon

Attn: Monica Irelan, City Manager

255 W. Riverview Avenue, P.O. Box 151

Napoleon, OH 43545

Amount:

\$133,970.75

Acct:

Description:

Efficiency Smart Renewal Grant

olevel

Please send a copy of this sheet with the Payment.

Approved:

Language from AMP Board resoultion dealing with Efficiency Smart renewal grant

From: "Randy Corbin" <rcorbin@amppartners.org>

10/06/2014 02:21 PM

To: gheath@napoleonohio.com

Cc: "Monica Irelan (mirelan@napoleonohio.com)" <mirelan@napoleonohio.com>,

jbisher@napoleonohio.com

Greg – Language below is excerpted from AMP Board resolution dealing with the Efficiency Smart renewal grant we discussed today. Let me know if you need anything else.

"WHEREAS, American Municipal Power, Inc. ("AMP") signed a second three-year performance-based contract with the Vermont Energy Investment Corporation (VEIC) in June 2013 for VEIC to continue its administration of the *Efficiency Smart* program;

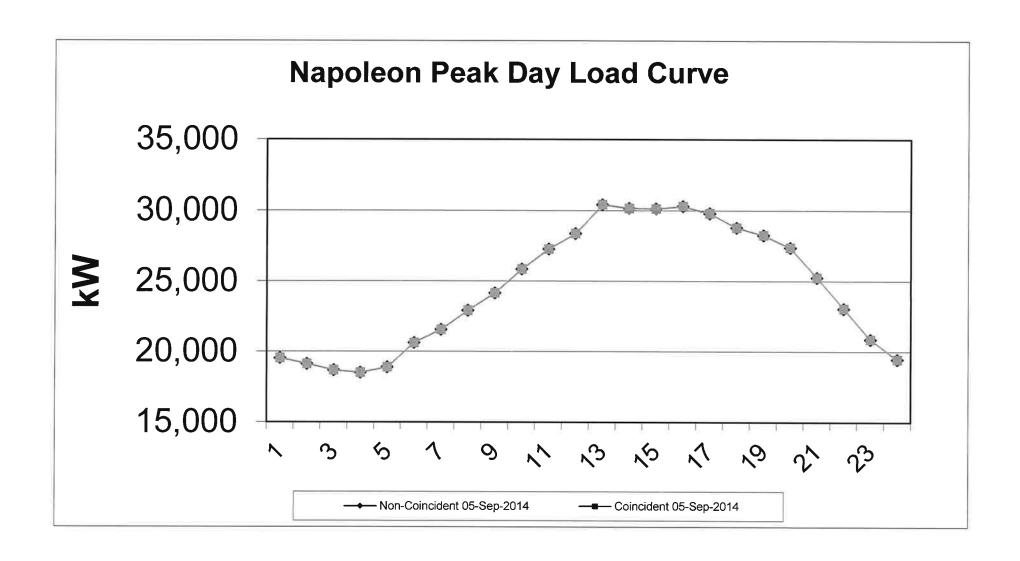
WHEREAS, this second AMP/VEIC contract provided for: 1) the possibility of 'Energy Efficiency Grants' (EEGs) for Subscribing Member Utilities (SMUs) who renewed their subscription (subject to AMP Board policy)...

WHEREAS, 100 percent of a potential grant is available if the renewal legislative process is successfully completed by March 31, 2014 and the member continues to pay for program services at the rate of \$1.40/MWh during those months in 2014 prior to final approval, in addition to any applicable deferrals accrued from the 2011-2013 contract due to be repaid beginning March 1, 2014;

WHEREAS, these grants can be used for municipal energy efficiency projects, to enhance standard *Efficiency Smart* financial incentives, or to buy-down the cost of the member's 2014-2016 Efficiency Smart contract..."

Napoleon	Capacity Plan - A	Actual										
Sep	2014	ACTU	AL DEMAND =	30.407	MW							
Days	30	ACTU	IAL ENERGY =	13,026	MWH							
						DEMAND	ENERGY				EFFECTIVE	%
			DEMAND	ENERGY	LOAD	RATE	RATE	DEMAND	ENERGY	TOTAL	RATE	OF
	SOURCE		MW	MWH	FACTOR	\$/KW	\$/MWH	CHARGE	CHARGE	CHARGES	\$/MWH	DOLLARS
	(1)		(2)	(4)	(5)	(6)	(7)	(9)	(10)	(11)	(12)	(13)
1	NPP Pool Purchases		0.00	1,078	0%	\$0.00	\$35.78	\$0	\$38,564	\$38,564	\$35.78	4.3%
2	NPP Pool Sales		0.00	-904	0%	\$0.00	\$37.90	\$0	-\$34,240	-\$34,240	\$37.90	-3.8%
3	AFEC		8.77	2,366	37%	\$5.00	\$32.45	\$43,867	\$76,774	\$120,641	\$51.00	13.3%
4	Prairie State		4.98	3,216	90%	\$36.13	\$15.17	\$179,773	\$48,790	\$228,563	\$71.07	25.3%
5	NYPA - Ohio		0.94	480	71%	\$3.75	\$13.64	\$3,541	\$6,542	\$10,083	\$21.02	1.1%
6	JV5		3.09	2,223	100%	\$20.74	\$19.89	\$64,059	\$44,224	\$108,283	\$48.70	12.0%
7	JV5 Losses		0.00	32	0%	\$0.00	\$0.00	\$0	\$0 ©0	\$0 \$4.650	\$0.00	0.0%
8	JV6		0.30	28	13%	\$15.53	\$0.00	\$4,658 -\$126	\$0 \$13,345	\$4,658 \$13,219	\$168.08 \$84.20	0.5% 1.5%
9	AMP Solar Phase I		1.04	157 720	21% 100%	-\$0.12 \$0.00	\$85.00 \$60.84	-\$126 \$0	\$13,345 \$43,804	\$13,219 \$43,804	\$60.84	4.8%
10	AMPGS Replace 7x24		1.00	1,680	47%	\$0.00	\$71.06	\$0 \$0	\$119,387	\$119,387	\$71.06	13.2%
11	AMPGS Replace 5x16	047	5.00		0%	\$0.00	\$34.95	\$0 \$0	\$62,413	\$62,413	\$34.95	6.9%
12	FE Requirements 2014-20	017	0.00 12.40	1,786 72	1%	-\$1.60	\$34.95 \$44.08	-\$19,852	\$3,153	-\$16,699	-\$233.48	-1.8%
13	AMPCT JV2		0.26	1 2	0%	-\$4.08	-\$89.77	-\$1,078	-\$60	-\$1,138	-\$1,716.12	-0.1%
14	POWER TOTAL		37.78	12,934	48%	-ψ-γ.00	Ψ00.77	\$274,840	\$422,696	\$697,537	\$53.93	77.1%
15	Energy Efficiency		37.70	0	4070	\$0.00	\$0.00	\$0	\$18,234	\$18,234	\$0.00	2.0%
15 16	Installed Capacity	1	31.16		į	\$4.38		\$136,505	\$0	\$136,505	\$10.48	15.1%
17	TRANSMISSION		31.69	10,711	1	\$1.20	\$0.51	\$37,949	\$5,419	\$43,369	\$3.33	4.8%
18	Distribution Charge		30.41	10,777	,	\$0.00	\$0.00	\$0	\$0	\$0	\$0.00	0.0%
19	Service Fee B	(4	00.11	13,026	1		\$0.58		\$7,555	\$7,555	\$0.58	0.8%
20	Dispatch Charge			13,026			\$0.07		\$957	\$957	\$0.07	0.1%
20	OTHER TOTAL							\$174,455	\$32,166	\$206,620	\$15.86	22.9%
GRAND TOTAL PUR				12,934				\$449,295	\$454,862	\$904,157		
Delivered to member			30.407	13,026	59%			\$449,295	\$454,862	\$904,157	\$69.41	100.0%
			DEMAND	ENERGY	L.F.					TOTAL \$	\$/MWh	Avg Temp
	2014 Forecast		28.08	12,860	64%					\$921,884	\$71.69	64.1
	2013 Actual		31.81	13,208	58%					\$1,031,946	\$78.13	63.8
	2012 Actual		27.78	12,720	64%					\$942,256	\$74.08	62.2
										Actual Temp		62.4

NAPOLEO		Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	
Date	9/1/2014	9/2/2014	9/3/2014	9/4/2014	9/5/2014	9/6/2014	9/7/2014	9/8/2014	9/9/2014	9/10/2014	9/11/2014	9/12/2014	9/13/2014	9/14/2014		
Hour 100	15,452	16,839	16,887	17,702	19,534	18,315	14,228	15,309	16,386	16,460	17,423	15,629	13,086	13,287	14,489	
200		16,337	16,951	17,378	19,126	17,714	13,795	15,050	16,262	16,324	16,683	15,358	12,849	13,009	14,805	
300		16,268	16,718	17,162	18,673	17,237	13,555	14,865	16,176	16,061	16,160	14,797	12,486	12,997	14,701	
400		16,635	16,538	17,257	18,504	17,144	13,265	15,038	16,280	16,199	16,160	14,842	12,401	13,119	14,805	
500		17,434	17,143	17,747	18,884	17,270	13,442	15,770	16,532	16,742	16,716	15,401	12,575	13,185	15,286	
600		19,350	18,252	19,174	20,606	17,652	13,786	16,953	17,705	18,120	17,996	16,883	13,489	13,619	16,827	
700		21,052	19,057	19,847	21,541	18,317	13,665	17,720	18,341	19,286	18,802	17,368	13,900			
800		21,720	20,241	20,791	22,908	18,946	14,287	18,635	19,148	19,703	18,872	17,368	14,500	13,994	18,055	
900		21,720	21,239	21,864	24,154	19,502	15,102	19,370	19,805	19,703	19,145	17,843	15,295	14,397	18,362	
1000		22,832	22,090	23,085	25,843	19,502	15,725	20,247	20,379	20,782	19,145			14,934	19,047	
1100		22,701	22,867	24,684	27,278	19,239	16,067					18,327	15,397	15,233	19,470	
1200		22,701	23,851	25,376	28,371	18,962	16,842	20,658 21,060	20,805	21,271	19,652	18,554	15,277	15,409	19,349	
									20,929	21,385	19,576	18,361	14,991	15,325	19,418	
1300		22,620	24,957	26,129	30,407	19,232	17,355	21,285	20,897	21,747	19,944	18,238	14,795	15,286	19,489	
1400	- ,	24,281	25,261	26,954	30,153	19,250	17,647	21,632	20,963	21,517	19,926	18,036	14,844	15,091	19,446	
1500		23,724	25,489	27,626	30,118	19,102	17,930	21,590	20,978	21,510	19,501	17,559	14,933	14,938	19,299	
1600		23,687	25,669	28,256	30,284	19,080	18,527	21,661	21,110	21,746	18,910	17,444	14,892	15,213	19,194	
1700		23,170	25,478	27,719	29,800	18,916	18,878	21,511	20,775	21,474	18,237	16,933	15,011	15,490	18,839	
1800	,	23,128	25,400	27,429	28,788	18,753	18,695	21,309	20,350	21,337	18,064	16,402	15,050	15,614	18,887	
1900		22,724	24,452	26,286	28,257	18,111	18,132	20,849	20,328	21,505	18,363	16,333	14,970	15,775	19,328	
2000		22,988	24,130	26,582	27,372	18,431	18,540	21,212	20,954	21,997	18,988	16,946	16,209	16,930	19,471	
2100		22,532	23,590	25,788	25,253	18,043	18,061	20,562	20,340	21,503	18,450	16,724	15,900	16,519	18,726	
2200		20,761	21,464	23,890	23,037	17,013	17,134	19,046	18,777	19,971	17,360	15,634	15,294	15,760	17,326	
2300		19,080	19,589	22,043	20,853	15,653	16,508	17,817	17,917	19,034	16,441	14,487	14,473	15,380	16,241	
2400	17,595	18,003	18,679	20,743	19,442	14,800	15,922	17,191	17,248	18,303	15,925	13,648	13,813	14,746	15,926	
otal	426,732	502,036	515,992	551,512	569,744	436,258	387,088	456,340	459,385	473,948	436,832	399,215	346,430	355,250	426,786	
	Tuesday \	Vednesday	Thursday i	Friday :	Saturday	Sunday	Monday	Tuesday \	Vednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday
ate	9/16/2014	9/17/2014	9/18/2014	9/19/2014	9/20/2014	9/21/2014	9/22/2014	9/23/2014	9/24/2014	9/25/2014	9/26/2014	9/27/2014	9/28/2014	9/29/2014	9/30/2014	10/1/20
our															0.00.2011	
100	15,630	44.050						45 450								
200		14,950	15,300	15,690	14,420	14,374	14,243	15.456	15.512	15.670	15.568	14.443	13.711	14.725	15 562	
300	15.345	14,950 14,981	15,300 15,350	15,690 15.618	14,420 14.005	14,374 13.945	14,243 14,475	15,456 15,306	15,512 15.340	15,670 15.363	15,568 15,469	14,443 14,163	13,711 13,403	14,725 14,623	15,562 15,366	
		14,981	15,350	15,618	14,005	13,945	14,475	15,306	15,340	15,363	15,469	14,163	13,403	14,623	15,366	
	15,060	14,981 14,899	15,350 15,020	15,618 15,365	14,005 13,636	13,945 13,666	14,475 14,507	15,306 15,033	15,340 15,008	15,363 14,984	15,469 15,246	14,163 13,816	13,403 13,131	14,623 14,338	15,366 15,247	
400	15,060 15,371	14,981 14,899 15,012	15,350 15,020 15,225	15,618 15,365 15,548	14,005 13,636 13,692	13,945 13,666 13,563	14,475 14,507 14,968	15,306 15,033 15,342	15,340 15,008 15,293	15,363 14,984 15,427	15,469 15,246 15,238	14,163 13,816 13,830	13,403 13,131 12,891	14,623 14,338 14,618	15,366 15,247 15,570	
400 500	15,060 15,371 16,221	14,981 14,899 15,012 15,911	15,350 15,020 15,225 15,998	15,618 15,365 15,548 16,225	14,005 13,636 13,692 13,903	13,945 13,666 13,563 13,825	14,475 14,507 14,968 15,616	15,306 15,033 15,342 16,096	15,340 15,008 15,293 16,223	15,363 14,984 15,427 16,027	15,469 15,246 15,238 16,042	14,163 13,816 13,830 14,017	13,403 13,131 12,891 13,264	14,623 14,338 14,618 15,413	15,366 15,247 15,570 16,255	
400 500 600	15,060 15,371 16,221 17,669	14,981 14,899 15,012 15,911 17,600	15,350 15,020 15,225 15,998 17,820	15,618 15,365 15,548 16,225 17,628	14,005 13,636 13,692 13,903 14,409	13,945 13,666 13,563 13,825 14,216	14,475 14,507 14,968 15,616 17,295	15,306 15,033 15,342 16,096 17,862	15,340 15,008 15,293 16,223 17,857	15,363 14,984 15,427 16,027 17,374	15,469 15,246 15,238 16,042 17,532	14,163 13,816 13,830 14,017 14,555	13,403 13,131 12,891 13,264 13,601	14,623 14,338 14,618 15,413 16,949	15,366 15,247 15,570 16,255 17,505	
400 500 600 700	15,060 15,371 16,221 17,669 18,388	14,981 14,899 15,012 15,911 17,600 18,337	15,350 15,020 15,225 15,998 17,820 18,624	15,618 15,365 15,548 16,225 17,628 18,358	14,005 13,636 13,692 13,903 14,409 14,767	13,945 13,666 13,563 13,825 14,216 14,693	14,475 14,507 14,968 15,616 17,295 18,644	15,306 15,033 15,342 16,096 17,862 18,909	15,340 15,008 15,293 16,223 17,857 18,739	15,363 14,984 15,427 16,027 17,374 18,353	15,469 15,246 15,238 16,042 17,532 18,769	14,163 13,816 13,830 14,017 14,555 15,213	13,403 13,131 12,891 13,264 13,601 14,028	14,623 14,338 14,618 15,413 16,949 18,120	15,366 15,247 15,570 16,255 17,505 18,839	
400 500 600 700 800	15,060 15,371 16,221 17,669 18,388 18,785	14,981 14,899 15,012 15,911 17,600 18,337 18,758	15,350 15,020 15,225 15,998 17,820 18,624 18,976	15,618 15,365 15,548 16,225 17,628 18,358 18,843	14,005 13,636 13,692 13,903 14,409 14,767 15,418	13,945 13,666 13,563 13,825 14,216 14,693 15,229	14,475 14,507 14,968 15,616 17,295 18,644 18,647	15,306 15,033 15,342 16,096 17,862 18,909 19,110	15,340 15,008 15,293 16,223 17,857 18,739 18,979	15,363 14,984 15,427 16,027 17,374 18,353 18,515	15,469 15,246 15,238 16,042 17,532 18,769 19,187	14,163 13,816 13,830 14,017 14,555 15,213 15,686	13,403 13,131 12,891 13,264 13,601 14,028 14,376	14,623 14,338 14,618 15,413 16,949 18,120 18,587	15,366 15,247 15,570 16,255 17,505 18,839 18,778	
400 500 600 700 800 900	15,060 15,371 16,221 17,669 18,388 18,785 19,336	14,981 14,899 15,012 15,911 17,600 18,337 18,758 18,913	15,350 15,020 15,225 15,998 17,820 18,624 18,976 19,148	15,618 15,365 15,548 16,225 17,628 18,358 18,843 19,055	14,005 13,636 13,692 13,903 14,409 14,767 15,418 16,090	13,945 13,666 13,563 13,825 14,216 14,693 15,229 15,870	14,475 14,507 14,968 15,616 17,295 18,644 18,647 19,121	15,306 15,033 15,342 16,096 17,862 18,909 19,110 19,210	15,340 15,008 15,293 16,223 17,857 18,739 18,979 19,306	15,363 14,984 15,427 16,027 17,374 18,353 18,515 19,165	15,469 15,246 15,238 16,042 17,532 18,769 19,187 19,638	14,163 13,816 13,830 14,017 14,555 15,213 15,686 16,348	13,403 13,131 12,891 13,264 13,601 14,028 14,376 14,859	14,623 14,338 14,618 15,413 16,949 18,120 18,587 19,072	15,366 15,247 15,570 16,255 17,505 18,839 18,778 18,968	
400 500 600 700 800 900 1000	15,060 15,371 16,221 17,669 18,388 18,785 19,336 19,698	14,981 14,899 15,012 15,911 17,600 18,337 18,758 18,913 19,214	15,350 15,020 15,225 15,998 17,820 18,624 18,976 19,148 19,744	15,618 15,365 15,548 16,225 17,628 18,358 18,843 19,055	14,005 13,636 13,692 13,903 14,409 14,767 15,418 16,090 16,347	13,945 13,666 13,563 13,825 14,216 14,693 15,229 15,870 16,514	14,475 14,507 14,968 15,616 17,295 18,644 18,647 19,121 19,461	15,306 15,033 15,342 16,096 17,862 18,909 19,110 19,210 19,566	15,340 15,008 15,293 16,223 17,857 18,739 18,979 19,306 19,676	15,363 14,984 15,427 16,027 17,374 18,353 18,515 19,165 19,698	15,469 15,246 15,238 16,042 17,532 18,769 19,187 19,638 19,976	14,163 13,816 13,830 14,017 14,555 15,213 15,686 16,348 16,670	13,403 13,131 12,891 13,264 13,601 14,028 14,376 14,859 15,304	14,623 14,338 14,618 15,413 16,949 18,120 18,587 19,072 19,709	15,366 15,247 15,570 16,255 17,505 18,839 18,778 18,968 19,277	
400 500 600 700 800 900 1000 1100	15,060 15,371 16,221 17,669 18,388 18,785 19,336 19,698 19,866	14,981 14,899 15,012 15,911 17,600 18,337 18,758 18,913 19,214 19,353	15,350 15,020 15,225 15,998 17,820 18,624 18,976 19,148 19,744 19,673	15,618 15,365 15,548 16,225 17,628 18,358 18,843 19,055 19,334 19,369	14,005 13,636 13,692 13,903 14,409 14,767 15,418 16,090 16,347 16,619	13,945 13,666 13,563 13,825 14,216 14,693 15,229 15,870 16,514 16,702	14,475 14,507 14,968 15,616 17,295 18,644 18,647 19,121 19,461 19,518	15,306 15,033 15,342 16,096 17,862 18,909 19,110 19,210 19,566 19,715	15,340 15,008 15,293 16,223 17,857 18,739 18,979 19,306 19,676 19,655	15,363 14,984 15,427 16,027 17,374 18,353 18,515 19,165 19,698 19,841	15,469 15,246 15,238 16,042 17,532 18,769 19,187 19,638 19,976 20,105	14,163 13,816 13,830 14,017 14,555 15,213 15,686 16,348 16,670 16,759	13,403 13,131 12,891 13,264 13,601 14,028 14,376 14,859 15,304 15,752	14,623 14,338 14,618 15,413 16,949 18,120 18,587 19,072 19,709 19,989	15,366 15,247 15,570 16,255 17,505 18,839 18,778 18,968 19,277	
400 500 600 700 800 900 1000 1100 1200	15,060 15,371 16,221 17,669 18,388 18,785 19,336 19,698 19,866 19,723	14,981 14,899 15,012 15,911 17,600 18,337 18,758 18,913 19,214 19,353 19,435	15,350 15,020 15,225 15,998 17,820 18,624 18,976 19,148 19,744 19,673 19,379	15,618 15,365 15,548 16,225 17,628 18,358 18,843 19,055 19,334 19,369 19,258	14,005 13,636 13,692 13,903 14,409 14,767 15,418 16,090 16,347 16,619 16,692	13,945 13,666 13,563 13,825 14,216 14,693 15,229 15,870 16,514 16,702 16,475	14,475 14,507 14,968 15,616 17,295 18,644 18,647 19,121 19,461 19,518 19,396	15,306 15,033 15,342 16,096 17,862 18,909 19,110 19,210 19,566 19,715	15,340 15,008 15,293 16,223 17,857 18,739 18,979 19,306 19,676 19,655 19,739	15,363 14,984 15,427 16,027 17,374 18,353 18,515 19,165 19,698 19,841 19,883	15,469 15,246 15,238 16,042 17,532 18,769 19,187 19,638 19,976 20,105 20,092	14,163 13,816 13,830 14,017 14,555 15,213 15,686 16,348 16,670 16,759	13,403 13,131 12,891 13,264 13,601 14,028 14,376 14,859 15,304 15,752 16,150	14,623 14,338 14,618 15,413 16,949 18,120 18,587 19,072 19,709 19,989 20,421	15,366 15,247 15,570 16,255 17,505 18,839 18,778 18,968 19,277 19,308 19,353	
400 500 600 700 800 900 1000 1100 1200 1300	15,060 15,371 16,221 17,669 18,388 18,785 19,336 19,698 19,866 19,723 19,713	14,981 14,899 15,012 15,911 17,600 18,337 18,758 18,913 19,214 19,353 19,435 19,524	15,350 15,020 15,225 15,998 17,820 18,624 18,976 19,148 19,744 19,673 19,379	15,618 15,385 15,548 16,225 17,628 18,358 18,843 19,055 19,334 19,369 19,258 19,599	14,005 13,636 13,692 13,903 14,409 14,767 15,418 16,090 16,347 16,619 16,692 16,679	13,945 13,666 13,563 13,825 14,216 14,693 15,229 15,870 16,514 16,702 16,475 16,234	14,475 14,507 14,968 15,616 17,295 18,644 18,647 19,121 19,461 19,518 19,396 19,379	15,306 15,033 15,342 16,096 17,862 18,909 19,110 19,210 19,566 19,715 19,724 19,691	15,340 15,008 15,293 16,223 17,857 18,739 18,979 19,306 19,676 19,655 19,739 20,048	15,363 14,984 15,427 16,027 17,374 18,353 18,515 19,165 19,698 19,883 20,423	15,469 15,246 15,238 16,042 17,532 18,769 19,187 19,638 19,976 20,105 20,092 20,493	14,163 13,816 13,830 14,017 14,555 15,213 15,686 16,348 16,670 16,759 16,755 16,890	13,403 13,131 12,891 13,264 13,601 14,028 14,376 14,859 15,304 15,752 16,150	14,623 14,338 14,618 15,413 16,949 18,120 18,587 19,072 19,709 19,989 20,421 20,737	15,366 15,247 15,570 16,255 17,505 18,839 18,778 18,968 19,277 19,308 19,353	
400 500 600 700 800 900 1000 1100 1200 1300 1400	15,060 15,371 16,221 17,669 18,388 18,785 19,336 19,698 19,866 19,723 19,713 19,508	14,981 14,899 15,012 15,911 17,600 18,337 18,758 18,913 19,214 19,353 19,435 19,435 19,524 19,384	15,350 15,020 15,225 15,998 17,820 18,624 18,976 19,148 19,744 19,673 19,379 19,594 19,649	15,618 15,365 15,548 16,225 17,628 18,358 18,965 19,334 19,369 19,258 19,599 19,435	14,005 13,636 13,692 13,903 14,409 14,767 15,418 16,090 16,347 16,619 16,692 16,679 16,778	13,945 13,666 13,563 13,825 14,216 14,693 15,229 15,870 16,514 16,702 16,475 16,234 15,823	14,475 14,507 14,968 15,616 17,295 18,644 18,647 19,121 19,461 19,518 19,396 19,379 19,303	15,306 15,033 15,342 16,096 17,862 18,909 19,110 19,210 19,566 19,715 19,724 19,691 19,434	15,340 15,008 15,293 16,223 17,857 18,739 19,306 19,676 19,655 19,739 20,048 20,109	15,363 14,984 15,427 16,027 17,374 18,353 18,515 19,165 19,698 19,883 20,423 19,886	15,469 15,246 15,238 16,042 17,532 18,769 19,187 19,638 19,976 20,105 20,092 20,493 20,482	14,163 13,816 13,830 14,017 14,555 15,213 15,686 16,348 16,670 16,755 16,890 16,876	13,403 13,131 12,891 13,264 13,601 14,028 14,376 14,859 15,304 15,752 16,150 16,484 16,529	14,623 14,338 14,618 15,413 16,949 18,120 18,587 19,072 19,709 19,989 20,421 20,737 20,673	15,366 15,247 15,570 16,255 17,505 18,839 18,778 18,968 19,277 19,308 19,353 19,417 19,375	
400 500 600 700 800 900 1000 1100 1200 1300 1400	15,060 15,371 16,221 17,669 18,388 18,785 19,336 19,698 19,866 19,723 19,713 19,508 19,275	14,981 14,899 15,012 15,911 17,600 18,337 18,758 18,913 19,214 19,353 19,435 19,524 19,384 19,384	15,350 15,020 15,225 15,998 17,820 18,624 18,976 19,148 19,744 19,673 19,379 19,594 19,649 19,277	15,618 15,365 15,548 16,225 17,628 18,358 18,843 19,055 19,334 19,369 19,258 19,599 19,435 19,031	14,005 13,636 13,692 13,903 14,409 14,767 15,418 16,090 16,347 16,619 16,692 16,679 16,778	13,945 13,666 13,563 13,825 14,216 14,693 15,229 15,870 16,514 16,702 16,475 16,234 15,823 15,632	14,475 14,507 14,968 15,616 17,295 18,644 19,121 19,461 19,518 19,399 19,303 18,821	15,306 15,033 15,342 16,096 17,862 18,909 19,110 19,210 19,566 19,715 19,724 19,691 19,434 19,414	15,340 15,008 15,293 16,223 17,857 18,739 19,979 19,306 19,675 19,655 19,739 20,048 20,109 19,957	15,363 14,984 15,427 16,027 17,374 18,551 19,165 19,698 19,841 19,883 20,423 19,886 20,586	15,469 15,246 15,238 16,042 17,532 18,769 19,187 19,638 19,976 20,105 20,092 20,493 20,482 20,362	14,163 13,816 13,830 14,017 14,555 15,213 15,686 16,348 16,670 16,759 16,755 16,890 16,876 16,754	13,403 13,131 12,891 13,264 13,601 14,028 14,376 14,859 15,304 15,752 16,150 16,484 16,529 16,520	14,623 14,338 14,618 15,413 16,949 18,120 19,572 19,709 19,989 20,421 20,737 20,673 20,097	15,366 15,247 15,570 16,255 17,505 18,839 18,778 18,968 19,277 19,308 19,353 19,417 19,375 19,028	
400 500 600 700 800 900 1000 1100 1200 1300 1400 1500	15,060 15,371 16,221 17,669 18,388 18,785 19,336 19,698 19,866 19,723 19,713 19,508 19,275 19,082	14,981 14,899 15,012 15,911 17,600 18,337 18,758 18,913 19,214 19,353 19,435 19,435 19,524 19,384 19,229 18,895	15,350 15,020 15,225 15,998 17,820 18,624 18,976 19,148 19,673 19,379 19,649 19,649 19,277	15,618 15,365 15,548 16,225 17,628 18,358 18,843 19,055 19,369 19,258 19,599 19,435 19,031 19,025	14,005 13,636 13,692 13,903 14,409 14,767 15,418 16,090 16,347 16,619 16,679 16,679 15,083 17,235	13,945 13,666 13,563 13,825 14,216 14,693 15,229 15,870 16,514 16,702 16,475 16,234 15,823 15,632 15,919	14,475 14,507 14,968 15,616 17,295 18,644 19,121 19,481 19,518 19,396 19,379 19,303 18,821 18,636	15,306 15,033 15,342 16,096 17,862 18,909 19,110 19,210 19,566 19,715 19,724 19,691 19,434 19,414 19,218	15,340 15,008 15,293 16,223 17,857 18,739 19,306 19,676 19,655 19,739 20,048 20,109 19,957 19,978	15,363 14,984 15,427 16,027 17,374 18,353 18,515 19,165 19,698 19,841 19,883 20,423 19,886 20,586 20,586	15,469 15,246 15,238 16,042 17,532 18,769 19,187 19,638 19,976 20,105 20,092 20,493 20,482 20,362 20,301	14,163 13,816 13,830 14,017 14,555 15,213 15,686 16,348 16,670 16,759 16,755 16,890 16,876 16,754 16,982	13,403 13,131 12,891 13,264 13,601 14,028 14,376 14,859 15,304 15,752 16,150 16,484 16,529 16,520 17,146	14,623 14,338 14,618 15,413 16,949 18,120 18,587 19,072 19,709 19,989 20,421 20,737 20,673 20,097 20,243	15,366 15,247 15,570 16,255 17,505 18,839 18,778 18,968 19,277 19,308 19,353 19,417 19,375 19,028 18,884	
400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600	15,060 15,371 16,221 17,669 18,388 18,785 19,336 19,698 19,866 19,723 19,713 19,508 19,275 19,082 18,316	14,981 14,899 15,012 15,911 17,600 18,337 18,758 18,913 19,214 19,353 19,435 19,524 19,384 19,229 18,895 18,370	15,350 15,020 15,225 15,998 17,820 18,624 18,976 19,148 19,673 19,673 19,594 19,649 19,277 19,273 19,108	15,618 15,365 15,548 16,225 17,628 18,358 18,965 19,334 19,065 19,334 19,569 19,258 19,599 19,435 19,031 19,025 18,509	14,005 13,636 13,692 13,903 14,409 14,767 15,418 16,090 16,347 16,619 16,692 16,679 16,778 15,083 17,235 17,507	13,945 13,666 13,563 13,825 14,216 14,693 15,229 15,870 16,514 16,702 16,475 16,234 15,823 15,632 15,919 16,267	14,475 14,507 14,968 15,616 17,295 18,644 19,121 19,461 19,518 19,396 19,379 19,303 18,821 18,636 18,400	15,306 15,033 15,342 16,096 17,862 18,909 19,110 19,210 19,566 19,715 19,724 19,691 19,414 19,218 18,942	15,340 15,008 15,293 16,223 17,857 18,739 19,306 19,676 19,655 19,739 20,048 20,109 19,957 19,978 19,590	15,363 14,984 15,427 16,027 17,374 18,353 18,515 19,165 19,698 19,841 19,883 20,423 19,886 20,586 20,586 20,586 20,589	15,469 15,246 15,238 16,042 17,532 18,769 19,187 19,638 19,976 20,105 20,092 20,493 20,482 20,362 20,301 19,724	14,163 13,816 13,830 14,017 14,555 15,213 15,686 16,348 16,670 16,755 16,890 16,876 16,754 16,982 16,691	13,403 13,131 12,891 13,264 13,601 14,028 14,376 14,859 15,304 15,752 16,150 16,484 16,529 16,520 17,146	14,623 14,338 14,618 15,413 16,949 18,120 18,587 19,072 19,709 19,989 20,421 20,737 20,037 20,027 20,243 20,325	15,366 15,247 15,570 16,255 17,505 18,839 18,778 18,968 19,277 19,308 19,353 19,417 19,375 19,028 18,884 18,555	
400 500 600 700 800 900 1000 1100 1300 1400 1500 1600 1700	15,060 15,371 16,221 17,669 18,388 18,785 19,336 19,698 19,866 19,723 19,713 19,508 19,275 19,082 18,316 18,135	14,981 14,899 15,012 15,911 17,600 18,337 18,758 18,913 19,214 19,353 19,435 19,435 19,524 19,229 18,895 18,370 18,190	15,350 15,020 15,225 15,998 17,820 18,624 18,976 19,148 19,673 19,673 19,674 19,694 19,277 19,273 19,108	15,618 15,365 15,548 16,225 17,628 18,358 18,943 19,055 19,334 19,369 19,258 19,599 19,435 19,021 19,025 18,509 17,901	14,005 13,636 13,692 13,903 14,409 14,767 15,418 16,090 16,347 16,619 16,692 16,679 15,083 17,235 17,507 17,276	13,945 13,666 13,563 13,825 14,216 14,693 15,229 15,870 16,514 16,702 16,475 16,234 15,823 15,632 15,919 16,267 16,328	14,475 14,507 14,968 15,616 17,295 18,644 18,647 19,121 19,461 19,518 19,396 19,379 19,303 18,821 18,636 18,400 18,192	15,306 15,033 15,342 16,096 17,862 18,909 19,110 19,210 19,566 19,715 19,724 19,691 19,434 19,414 19,218 18,422 18,753	15,340 15,008 15,293 16,223 17,857 18,739 19,306 19,676 19,655 19,739 20,048 20,109 19,957 19,978 19,590 19,285	15,363 14,984 15,427 16,027 17,374 18,353 18,515 19,165 19,698 19,883 20,423 19,886 20,586 20,437 19,849 19,374	15,469 15,246 15,238 16,042 17,532 18,769 19,187 19,638 19,976 20,105 20,092 20,493 20,482 20,362 20,301 19,724 19,138	14,163 13,816 13,830 14,017 14,555 15,213 15,696 16,348 16,670 16,755 16,890 16,876 16,754 16,982 16,691 16,332	13,403 13,131 12,891 13,264 13,601 14,028 14,376 14,859 15,304 15,752 16,150 16,484 16,529 16,520 17,146 17,406 17,290	14,623 14,338 14,618 15,413 16,949 18,120 18,587 19,072 19,709 19,989 20,421 20,737 20,673 20,097 20,243 20,325 19,673	15,366 15,247 15,570 16,255 17,505 18,839 18,778 18,968 19,277 19,308 19,353 19,417 19,375 19,028 18,884 18,555 18,385	
400 500 600 700 800 900 1100 1200 1300 1400 1500 1600 1700 1800	15,060 15,371 16,221 17,669 18,388 18,785 19,336 19,698 19,866 19,723 19,713 19,508 19,275 19,082 18,316 18,135 17,997	14,981 14,899 15,012 15,911 17,600 18,337 18,758 18,913 19,214 19,353 19,435 19,435 19,524 19,384 19,229 18,895 18,370 18,190	15,350 15,020 15,225 15,998 17,820 18,624 18,976 19,148 19,744 19,673 19,379 19,584 19,649 19,277 19,273 19,108 18,703	15,618 15,365 15,548 16,225 17,628 18,858 19,055 19,334 19,055 19,369 19,258 19,599 19,435 19,031 19,025 18,509 17,901 17,764	14,005 13,636 13,692 13,903 14,409 14,767 15,418 16,090 16,347 16,679 16,679 15,083 17,235 17,276 17,276	13,945 13,666 13,563 13,825 14,216 14,693 15,229 15,870 16,514 16,702 16,475 16,234 15,823 15,632 15,919 16,267 16,328 16,328	14,475 14,507 14,968 15,616 17,295 18,644 19,121 19,461 19,518 19,396 19,379 19,303 18,821 18,636 18,400 18,192 18,573	15,306 15,033 15,342 16,096 17,862 18,909 19,110 19,210 19,566 19,715 19,724 19,691 19,434 19,414 19,218 18,942 18,753 18,995	15,340 15,008 15,293 16,223 17,857 18,739 19,306 19,676 19,655 19,739 20,048 20,109 19,957 19,978 19,590 19,595 19,285	15,363 14,984 15,427 16,027 17,374 18,353 18,515 19,165 19,698 19,883 20,423 19,886 20,586 20,437 19,841 19,883	15,469 15,246 15,238 16,042 17,532 18,769 19,187 19,638 19,976 20,105 20,092 20,493 20,482 20,362 20,301 19,724 19,138 18,718	14,163 13,816 13,830 14,017 14,555 15,213 15,686 16,370 16,759 16,755 16,890 16,876 16,982 16,691 16,982 16,691 16,332 16,638	13,403 13,131 12,891 13,264 13,601 14,028 14,376 14,859 15,304 15,752 16,150 16,484 16,529 17,146 17,406 17,290 17,708	14,623 14,338 14,618 15,413 16,949 18,120 18,587 19,072 19,709 19,989 20,421 20,737 20,673 20,097 20,243 20,325 19,673 19,718	15,366 15,247 15,570 16,255 17,505 18,839 18,778 18,968 19,277 19,308 19,353 19,417 19,375 19,028 18,884 18,555 18,385 19,083	
400 500 600 700 800 900 1000 1100 1300 1400 1500 1700 1800 1900 2000	15,060 15,371 16,221 17,669 18,388 18,785 19,336 19,698 19,866 19,723 19,713 19,508 19,275 19,082 18,316 18,135 17,997 19,038	14,981 14,899 15,012 15,911 17,600 18,337 18,758 18,913 19,214 19,353 19,435 19,524 19,384 19,229 18,895 18,370 18,190 18,157	15,350 15,020 15,225 15,998 17,820 18,624 18,976 19,148 19,744 19,673 19,379 19,594 19,649 19,277 19,273 19,108 18,703 18,703 19,582	15,618 15,365 15,548 16,225 17,628 18,358 18,843 19,055 19,369 19,258 19,599 19,435 19,031 19,025 18,509 17,764 18,294	14,005 13,636 13,692 13,903 14,409 14,767 15,418 16,090 16,347 16,619 16,679 16,778 15,083 17,235 17,507 17,276 17,944 17,567	13,945 13,666 13,563 13,825 14,216 14,693 15,229 15,870 16,514 16,702 16,475 16,234 15,823 15,632 15,919 16,267 16,328 16,811 17,359	14,475 14,507 14,968 15,616 17,295 18,644 18,647 19,121 19,461 19,396 19,379 19,303 18,821 18,636 18,400 18,192 18,573 19,201	15,306 15,033 15,342 16,096 17,862 18,909 19,110 19,210 19,566 19,715 19,724 19,691 19,434 19,414 19,218 18,942 18,753 18,995	15,340 15,008 15,293 16,223 17,857 18,739 18,979 19,306 19,675 19,739 20,048 20,109 19,957 19,978 19,590 19,285 19,449 19,878	15,363 14,984 15,427 16,027 17,374 18,353 18,515 19,165 19,881 20,423 19,886 20,423 19,886 20,437 19,849 19,374 19,174 19,821	15,469 15,246 15,238 16,042 17,532 18,769 19,187 19,638 19,976 20,105 20,092 20,493 20,482 20,362 20,301 19,724 19,138 18,718 18,816	14,163 13,816 13,830 14,017 14,555 15,213 15,686 16,348 16,670 16,755 16,876 16,755 16,876 16,754 16,982 16,691 16,332 16,638 16,638	13,403 13,131 12,891 13,264 13,601 14,028 14,376 14,859 15,304 15,752 16,150 16,484 16,529 16,520 17,146 17,406 17,290 17,708 18,258	14,623 14,338 14,618 15,413 16,949 18,120 18,587 19,072 19,989 20,421 20,737 20,673 20,097 20,243 20,325 19,673 19,718	15,366 15,247 15,570 16,255 17,505 18,839 18,778 18,968 19,277 19,306 19,353 19,417 19,375 19,028 18,884 18,555 18,385 19,083 19,354	
400 500 600 700 800 900 1100 1200 1400 1500 1700 1800 1900 2000 2100	15,060 15,371 16,221 17,669 18,388 18,785 19,336 19,698 19,866 19,723 19,713 19,508 19,275 19,082 18,316 18,135 17,997 19,038 18,642	14,981 14,899 15,012 15,911 17,600 18,337 18,758 18,913 19,214 19,353 19,435 19,435 19,524 19,384 19,229 18,895 18,370 18,190 18,157 19,231 18,694	15,350 15,020 15,225 15,998 17,820 18,624 19,48 19,673 19,379 19,594 19,649 19,277 19,273 19,108 18,703 18,703 18,703 19,562 19,061	15,618 15,365 15,548 16,225 17,628 18,358 18,843 19,055 19,334 19,369 19,258 19,639 19,031 19,025 18,509 17,901 17,764 18,294 18,057	14,005 13,636 13,692 13,903 14,409 14,767 15,418 16,090 16,347 16,619 16,679 16,778 15,083 17,235 17,507 17,244 17,567 17,254	13,945 13,666 13,563 13,825 14,216 14,693 15,229 15,870 16,514 16,702 16,475 16,234 15,823 15,632 15,919 16,267 16,328 16,811 17,359 16,679	14,475 14,507 14,968 15,616 17,295 18,644 18,647 19,121 19,461 19,518 19,396 19,379 19,303 18,821 18,636 18,400 18,192 18,573 19,201 18,496	15,306 15,033 15,342 16,096 17,862 18,909 19,110 19,586 19,715 19,724 19,691 19,434 19,414 19,218 18,942 18,753 18,965 19,684 18,817	15,340 15,008 15,293 16,223 17,857 18,739 19,979 19,306 19,655 19,739 20,048 20,109 19,957 19,957 19,958 19,590 19,285 19,449 19,878 19,878	15,363 14,984 15,427 16,027 17,374 18,353 18,515 19,656 19,841 19,883 20,423 19,886 20,586 20,586 20,437 19,374 19,374 19,374 19,174 19,821	15,469 15,246 15,238 16,042 17,532 18,769 19,187 19,638 19,976 20,105 20,092 20,493 20,482 20,362 20,301 19,724 19,138 18,718 18,816 18,464	14,163 13,816 13,830 14,017 14,555 15,213 15,686 16,348 16,670 16,755 16,890 16,876 16,982 16,631 16,332 16,632 16,638 17,082	13,403 13,131 12,891 13,264 13,601 14,028 14,376 15,752 16,150 16,484 16,529 16,520 17,146 17,406 17,290 17,708 18,258 17,270	14,623 14,338 14,618 15,413 16,949 18,120 18,587 19,072 19,709 19,989 20,421 20,737 20,673 20,097 20,243 20,325 19,673 19,778	15,366 15,247 15,570 16,255 17,505 18,839 18,778 18,968 19,277 19,308 19,353 19,417 19,028 18,884 18,555 18,385 19,083 19,354 18,584	
400 500 600 700 800 900 1100 1200 1300 1400 1500 1600 1700 1800 2000 2100 2200	15,060 15,371 16,221 17,669 18,388 18,785 19,336 19,698 19,866 19,723 19,713 19,508 19,275 19,082 18,316 18,135 17,997 19,038 18,642 17,302	14,981 14,899 15,012 15,911 17,600 18,337 18,758 18,913 19,214 19,353 19,435 19,524 19,384 19,229 18,895 18,370 18,157 19,231 18,157 19,231 18,694 17,510	15,350 15,020 15,225 15,998 17,820 18,624 18,976 19,148 19,744 19,673 19,379 19,649 19,277 19,273 19,108 18,703 18,703 19,562 19,061 17,920	15,618 15,365 15,548 16,225 17,628 18,358 18,843 19,055 19,334 19,369 19,258 19,599 19,435 19,031 19,025 18,509 17,901 17,764 18,294 18,057 17,253	14,005 13,636 13,692 13,903 14,409 14,767 15,418 16,090 16,347 16,619 16,679 16,778 15,083 17,235 17,507 17,276 17,567 17,567 17,557 17,557 17,553	13,945 13,666 13,563 13,825 14,216 14,693 15,229 15,870 16,514 16,702 16,475 16,234 15,632 15,632 15,919 16,267 16,328 16,811 17,359 16,679	14,475 14,507 14,968 15,616 17,295 18,644 19,121 19,451 19,379 19,303 18,821 18,636 18,400 18,192 18,573 19,201 18,496 17,425	15,306 15,033 15,342 16,096 17,862 18,909 19,110 19,210 19,566 19,7715 19,724 19,691 19,434 19,414 19,218 18,942 18,753 18,995 19,684 18,817 17,407	15,340 15,008 15,293 16,223 17,857 18,739 19,676 19,655 19,739 20,048 20,109 19,957 19,978 19,590 19,285 19,449 19,878 19,103	15,363 14,984 15,427 16,027 17,374 18,353 18,515 19,165 19,883 20,423 19,883 20,423 19,886 20,586 20,437 19,849 19,374 19,174 19,821 19,821 19,821	15,469 15,246 15,238 16,042 17,532 18,769 19,187 19,638 19,976 20,105 20,092 20,493 20,482 20,362 20,301 19,724 19,138 18,718 18,816 18,464 17,312	14,163 13,816 13,830 14,017 14,555 15,213 15,686 16,348 16,670 16,755 16,890 16,876 16,754 16,982 16,691 16,332 16,636 17,082 16,572 15,580	13,403 13,131 12,891 13,264 13,601 14,028 14,376 14,859 15,304 15,752 16,150 16,484 16,529 16,520 17,146 17,406 17,290 17,708 18,258 17,270 16,294	14,623 14,338 14,618 15,413 16,949 18,120 19,707 19,709 19,989 20,421 20,737 20,673 20,097 20,243 20,325 19,673 19,718 19,956 19,270 18,005	15,366 15,247 15,570 16,255 17,505 18,839 18,778 18,968 19,277 19,308 19,353 19,417 19,375 19,028 18,884 18,555 18,385 19,083 19,354 18,555 18,385 19,354 18,555	
400 500 600 700 800 900 11000 1200 1300 1400 1500 1700 1800 1900 2000 2100 2200 2300	15,060 15,371 16,221 17,669 18,388 18,785 19,336 19,698 19,866 19,723 19,713 19,508 19,275 19,082 18,316 18,135 17,997 19,038 18,642 17,302 16,413	14,981 14,899 15,012 15,911 17,600 18,337 18,758 18,913 19,214 19,353 19,435 19,524 19,384 19,229 18,895 18,370 18,190 18,157 19,231 18,694 17,510 16,478	15,350 15,020 15,225 15,998 17,820 18,624 18,976 19,148 19,744 19,673 19,379 19,594 19,277 19,273 19,108 18,703 18,703 19,582 19,061 17,920 16,740	15,618 15,365 15,548 16,225 17,628 18,358 18,843 19,055 19,334 19,369 19,258 19,599 19,435 19,031 19,025 18,509 17,764 18,294 18,057 17,253 15,827	14,005 13,636 13,692 13,903 14,409 14,767 15,418 16,090 16,347 16,619 16,679 16,778 15,083 17,235 17,507 17,276 17,944 17,567 17,254 16,339 15,547	13,945 13,666 13,563 13,825 14,216 14,693 15,229 15,870 16,514 16,702 16,475 16,234 15,823 15,632 15,919 16,267 16,328 16,811 17,359 16,679 16,093 15,500	14,475 14,507 14,968 15,616 17,295 18,644 19,121 19,481 19,396 19,379 19,303 18,821 18,636 18,400 18,192 18,573 19,201 18,496 17,425 16,424	15,306 15,033 15,342 16,096 17,862 18,909 19,110 19,210 19,566 19,715 19,724 19,691 19,434 19,414 19,218 18,942 18,753 18,995 19,684 18,B17 17,407 16,415	15,340 15,008 15,293 16,223 17,857 18,739 19,306 19,676 19,655 19,739 20,048 20,109 19,957 19,978 19,590 19,285 19,449 19,878 19,103 17,786 16,636	15,363 14,984 15,427 16,027 17,374 18,353 18,515 19,165 19,688 19,841 19,883 20,423 19,886 20,586 20,437 19,849 19,374 19,174 19,821 19,329 18,228 16,970	15,469 15,246 15,238 16,042 17,532 18,769 19,187 19,638 19,976 20,105 20,092 20,493 20,482 20,362 20,301 19,724 19,138 18,718 18,816 18,464 17,312 16,000	14,163 13,816 13,830 14,017 14,555 15,213 15,686 16,348 16,670 16,755 16,876 16,755 16,890 16,876 16,754 16,982 16,691 16,332 16,636 17,082 16,572 15,880 14,731	13,403 13,131 12,891 13,264 13,601 14,028 14,376 14,859 15,304 15,752 16,150 16,484 16,529 16,520 17,146 17,406 17,290 17,708 18,258 17,270 16,294 15,727	14,623 14,338 14,618 15,413 16,949 18,120 18,587 19,072 19,709 19,989 20,421 20,737 20,673 20,097 20,243 20,325 19,673 19,718 19,956 19,270 18,005 16,829	15,366 15,247 15,570 16,255 17,505 18,839 18,778 18,968 19,277 19,308 19,353 19,417 19,375 19,028 18,884 18,555 18,385 19,083 19,354 18,584 18,584	
400 500 600 700 800 900 1000 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200	15,060 15,371 16,221 17,669 18,388 18,785 19,336 19,698 19,723 19,713 19,508 19,275 19,082 18,316 18,135 17,997 19,038 18,642 17,302 16,413	14,981 14,899 15,012 15,911 17,600 18,337 18,758 18,913 19,214 19,353 19,435 19,524 19,384 19,229 18,895 18,370 18,157 19,231 18,157 19,231 18,694 17,510	15,350 15,020 15,225 15,998 17,820 18,624 18,976 19,148 19,744 19,673 19,379 19,649 19,277 19,273 19,108 18,703 18,703 19,562 19,061 17,920	15,618 15,365 15,548 16,225 17,628 18,358 18,843 19,055 19,334 19,369 19,258 19,599 19,435 19,031 19,025 18,509 17,901 17,764 18,294 18,057 17,253	14,005 13,636 13,692 13,903 14,409 14,767 15,418 16,090 16,347 16,619 16,679 16,778 15,083 17,235 17,507 17,276 17,567 17,567 17,557 17,557 17,553	13,945 13,666 13,563 13,825 14,216 14,693 15,229 15,870 16,514 16,702 16,475 16,234 15,632 15,632 15,919 16,267 16,328 16,811 17,359 16,679	14,475 14,507 14,968 15,616 17,295 18,644 19,121 19,451 19,379 19,303 18,821 18,636 18,400 18,192 18,573 19,201 18,496 17,425	15,306 15,033 15,342 16,096 17,862 18,909 19,110 19,210 19,566 19,7715 19,724 19,691 19,434 19,414 19,218 18,942 18,753 18,995 19,684 18,817 17,407	15,340 15,008 15,293 16,223 17,857 18,739 19,676 19,655 19,739 20,048 20,109 19,957 19,978 19,590 19,285 19,449 19,878 19,103	15,363 14,984 15,427 16,027 17,374 18,353 18,515 19,165 19,883 20,423 19,883 20,423 19,886 20,586 20,437 19,849 19,374 19,174 19,821 19,821 19,821	15,469 15,246 15,238 16,042 17,532 18,769 19,187 19,638 19,976 20,105 20,092 20,493 20,482 20,362 20,301 19,724 19,138 18,718 18,816 18,464 17,312	14,163 13,816 13,830 14,017 14,555 15,213 15,686 16,348 16,670 16,755 16,890 16,876 16,754 16,982 16,691 16,332 16,636 17,082 16,572 15,580	13,403 13,131 12,891 13,264 13,601 14,028 14,376 14,859 15,304 15,752 16,150 16,484 16,529 16,520 17,146 17,406 17,290 17,708 18,258 17,270 16,294	14,623 14,338 14,618 15,413 16,949 18,120 19,707 19,709 19,989 20,421 20,737 20,673 20,097 20,243 20,325 19,673 19,718 19,956 19,270 18,005	15,366 15,247 15,570 16,255 17,505 18,839 18,778 18,968 19,277 19,308 19,353 19,417 19,375 19,028 18,884 18,555 18,385 19,083 19,354 18,555 18,385 19,354 18,555	
400 500 600 700 800 900 1100 1200 1300 1500 1600 1700 1800 2000 2100 2200 2300	15,060 15,371 16,221 17,669 18,388 18,785 19,336 19,698 19,866 19,723 19,713 19,508 19,275 19,082 18,316 18,135 17,997 19,038 18,642 17,302 16,413	14,981 14,899 15,012 15,911 17,600 18,337 18,758 18,913 19,214 19,353 19,435 19,524 19,384 19,229 18,895 18,370 18,190 18,157 19,231 18,694 17,510 16,478	15,350 15,020 15,225 15,998 17,820 18,624 18,976 19,148 19,744 19,673 19,379 19,594 19,277 19,273 19,108 18,703 18,703 19,582 19,061 17,920 16,740	15,618 15,365 15,548 16,225 17,628 18,358 18,843 19,055 19,334 19,369 19,258 19,599 19,435 19,031 19,025 18,509 17,764 18,294 18,057 17,253 15,827	14,005 13,636 13,692 13,903 14,409 14,767 15,418 16,090 16,347 16,619 16,679 16,778 15,083 17,235 17,507 17,276 17,944 17,567 17,254 16,339 15,547	13,945 13,666 13,563 13,825 14,216 14,693 15,229 15,870 16,514 16,702 16,475 16,234 15,823 15,632 15,919 16,267 16,328 16,811 17,359 16,679 16,093 15,500	14,475 14,507 14,968 15,616 17,295 18,644 19,121 19,481 19,396 19,379 19,303 18,821 18,636 18,400 18,192 18,573 19,201 18,496 17,425 16,424	15,306 15,033 15,342 16,096 17,862 18,909 19,110 19,210 19,566 19,715 19,724 19,691 19,434 19,414 19,218 18,942 18,753 18,995 19,684 18,B17 17,407 16,415	15,340 15,008 15,293 16,223 17,857 18,739 19,306 19,676 19,655 19,739 20,048 20,109 19,957 19,978 19,590 19,285 19,449 19,878 19,103 17,786 16,636	15,363 14,984 15,427 16,027 17,374 18,353 18,515 19,165 19,688 20,423 19,886 20,586 20,437 19,874 19,374 19,174 19,821 19,329 18,228 16,970 16,175	15,469 15,246 15,238 16,042 17,532 18,769 19,187 19,638 19,976 20,105 20,092 20,493 20,482 20,362 20,301 19,724 19,138 18,718 18,816 18,464 17,312 16,000	14,163 13,816 13,830 14,017 14,555 15,213 15,686 16,370 16,759 16,755 16,890 16,876 16,754 16,982 16,691 16,332 16,636 17,082 16,572 15,880 14,731 14,103	13,403 13,131 12,891 13,264 13,601 14,028 14,376 14,859 15,304 15,752 16,150 16,484 16,529 16,520 17,146 17,406 17,290 17,708 18,258 17,270 16,294 15,727	14,623 14,338 14,618 15,413 16,949 18,120 18,587 19,072 19,709 19,989 20,421 20,737 20,673 20,037 20,325 19,673 19,718 19,956 19,270 18,005 16,829 16,087	15,366 15,247 15,570 16,255 17,505 18,839 18,778 18,968 19,277 19,308 19,353 19,417 19,375 19,028 18,884 18,555 18,385 19,083 19,354 18,584 18,584	13,026,





Omega Joint Venture Two INVOICE NUMBER: 183806

1111 Schrock Rd, Suite 100 **INVOICE DATE**: 10/8/2014

COLUMBUS, OHIO 43229 **DUE DATE**: 10/20/2014

PHONE: (614) 540-1111 **TOTAL AMOUNT DUE:** \$446.66

FAX: (614) 540-1078 **CUSTOMER NUMBER:** 5020

CUSTOMER P.O. #:

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 OMEGA JV 2

OMEGA JV2 POWER INVOICE - September, 2014

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

FIXED RATE CHARGE: 264 kW * \$1.67 / kW = \$440.59

 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
 =
 \$6.07

TOTAL CHARGES \$446.66



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: 183869

INVOICE DATE: 10/1/2014

DUE DATE: 10/20/2014

TOTAL AMOUNT DUE: \$59,306.52

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, 2014	_			
DEMAND CHARGES: Base Financing Demand Charge: (Invoiced seperately as	of 1/1/07)			
Base Operating Expense Demand Charge:	\$4.884278	/ kW *	3,088 kW =	\$15,082.65
Seca Associated with JV5.	\$0.000000	/ kW *	3,088 kW =	\$0.00
TOTAL DEMAND CHARGES:	\$4.884278	/ kW *	3,088 kW =	\$15,082.65
ENERGY CHARGES:				
JV5 Repl. Pwr. & Variable (Budgeted Rate):	\$0.019891	/ kWh *	2,223,360 kWh =	\$44,223.87
JV5 Fuel Cost (Actual Expense):	\$0.000000	/ kWh *	2,223,360 kWh =	\$0.00
TOTAL ENERGY CHARGES:	\$0.019891	/ kWh *	2,223,360 kWh =	\$44,223.87
SUB-TOTAL				\$59,306.52

Total OMEGA JV5 Invoice: \$59,306.52

Mailing Address: OMEGA JV5/AMP, Inc.

Dept. L614

Columbus, OH 43260

Wire or ACH Transfer Information:

Huntington National Bank

Columbus, Ohio

Account No. 0189-2204055

ABA: #044 000024

Entity Bank Lockbox Deposit \$59,306.52

AMOUNT

\$59,306.52

OMEGA JV5 0189-2204055

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



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

American Municipal PWR Inc.

Do Not Pay Paid by E-Pay

INVOICE NUMBER: 183911

INVOICE DATE: 10/1/2014

DUE DATE: 10/20/2014

TOTAL AMOUNT DUE: \$64,508.32

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, 2014

City of Napoleon

Gregory J. Heath, Finance Director 255 W. Riverview Ave., P.O. Box 151

Napoleon, Ohio 43545-0151

Financing CHARGES:

Debt Service \$20.890000 / kW * 3.088 kW =\$64,508.32



AMERICAN MUNICIPAL POWER, INC.

1111 Schrock Rd, Suite 100 COLUMBUS. OHIO 43229

PHONE: (614) 540-1111

FAX: (614) 540-1078

INVOICE NUMBER: 183782

INVOICE DATE: 10/1/2014

DUE DATE: 10/17/2014

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.

Do Not Pay

Paid by E-Pay American Municipal PWR Inc

> Ray Merrill 614-540-0914

Omega JV6

Project Capacity: 300 kW

Year 2014

Demand Charge

300 Kw * 11.77 per kW-Month

<u>Total</u>

Principal \$3,522.76

AMOUNT DUE FOR: October, 2014 - Interest \$8.24

TOTAL CHARGES \$3,531.00



AMERICAN MUNICIPAL POWER, INC.

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

FAX: (614) 540-1078

INVOICE NUMBER: 183792

INVOICE DATE: 10/1/2014

DUE DATE: 10/17/2014

TOTAL AMOUNT DUE: \$1,334.86

5020

CUSTOMER P.O. #:

CUSTOMER NUMBER:

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.

Do Not Pay

Paid by E-Pay
American Municipal PWR Inc
Ray Merrill

614-540-0914

Omega JV6

Project Capacity: 300 kW

Year 2014

Electric Fixed

300 Kw * 4.45 per kW-Month

October, 2014 - Electric Fixed \$1,334.86

AMOUNT DUE FOR:

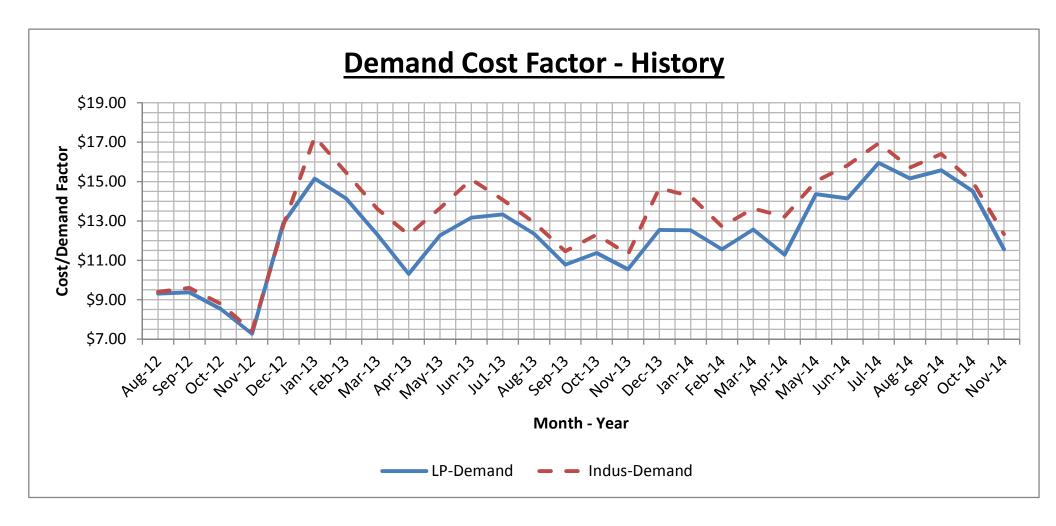
TOTAL CHARGES \$1,334.86

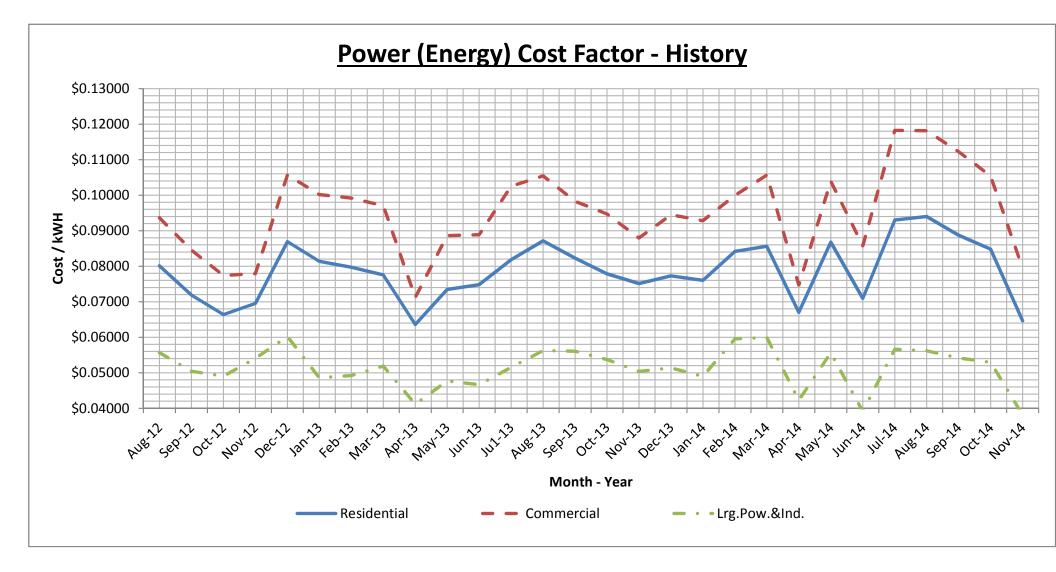
BILLING DETERMINAN	TS for	BILL	ING CYC	LE - NOV	EMBER,	2014									
NOVEMBER, 2014															
2014 - NOVEMBER BILLING WITH OCT	OBER 20		BILLING UNITS	5			04/1-04/11	Novedo			<u> </u>	D 40			
Class and/ar	Rate	Oct-14 # of	0-111	0-114	Billed kVa	Coot / kWH	Cost / kWH	Nov-13 # of	New 10	Nov-13	Coot / kWH	Dec-13 # of	Dec 12	Dec 10	Coot / kWH
Class and/or			Oct-14 (kWh Usage)	Oct-14			Prior 12 Mo		Nov-13 (kWh Usage)		Cost / kWH		Dec-13	Dec-13	Cost / kWH
Schedule	Code E1	Bills		Billed	of Demand	For Month	Average © 1121	Bills	1.933.075	<u>Billed</u> \$206,877.20	For Month \$0.1070	Bills	(kWh Usage) 1,860,222	<u>Billed</u> \$203,923.93	For Month
Residential (Dom-In)	E1E	3,335	2,677,535	\$304,687.24 \$830.56	0	\$0.1138	\$0.1131	3,328	,,.	\$550.99		3,338		\$203,923.93 \$526.48	\$0.1096 \$0.1115
Residential (Dom-In) w/Ecosmart		10	7,247		0	\$0.1146		10	5,079		\$0.1085	10	4,720		
Residential (Dom-In - All Electric)	E2	609	421,500	\$48,471.67	0	\$0.1150	\$0.1092	609	333,019	\$35,848.44		612	437,940	\$46,953.38	\$0.1072
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	-	863	\$97.76	U	\$0.1133	\$0.1148		542	\$58.40	\$0.1077	<u>'</u>	463	\$51.75	\$0.1118
Total Residential (Domestic)		3,955	3,107,145	\$354,087.23	0	\$0.1140	\$0.1123	3,948	2,271,715	\$243,335.03	\$0.1071	3,961	2,303,345	\$251,455.54	\$0.1092
Residential (Rural-Out)	ER1	748	766,349	\$92,554.12	0	\$0.1208	\$0.1180	746	595,586	\$67,841.14	\$0.1139	742	675,951	\$77,391.16	\$0.1145
Residential (Rural-Out) w/Ecosmart	ER1E	4	2,534	\$321.52	0	\$0.1269	\$0.1231	4	2,254	\$268.65	\$0.1192	4	2,490	\$297.95	\$0.1197
Residential (Rural-Out - All Electric)	ER2	387	421,393	\$50,656.05	0	\$0.1202	\$0.1158	386	348,529	\$39,193.86	\$0.1125	385	441,519	\$49,555.40	\$0.1122
Res. (Rural-Out - All Electric) w/Ecosmar		2	1,283	\$162.45	0	\$0.1266	\$0.1177	2	1,189	\$140.53	\$0.1182	2000	1.644	\$190.21	\$0.1157
Residential (Rural-Out w/Dmd)	ER3	14	14,868		132	\$0.1200	\$0.1177	15		\$1,769.63	\$0.1102	14		\$6,752,74	\$0.1157
		9		\$1,788.64				9				14		* - 7 -	
Residential (Rural-Out - All Electric w/Dm	ER4	•	9,390	\$1,132.19	69	\$0.1206	\$0.1134		8,980	\$1,000.22	\$0.1114	9	25,917	\$2,766.35	\$0.1067
Total Residential (Rural)		1,164	1,215,817	\$146,614.97	201	\$0.1206	\$0.1168	1,162	972,626	\$110,214.03	\$0.1133	1,156	1,211,616	\$136,953.81	\$0.1130
Communicated At District No Decay	F00	75	40.440	67.057.04	10	CO 1407	CO 1401	70	00.404	ΦE 011 01	\$0.1001	74	44.070	#F COC 04	60 1077
Commercial (1 Ph-In - No Dmd)	EC2	75	48,119	\$7,057.84	13	\$0.1467	\$0.1421	73	39,434	\$5,211.01	\$0.1321	71	41,379	\$5,696.94	\$0.1377
Commercial (1 Ph-Out - No Dmd)	EC2O	43	10,065	\$1,806.88	0	\$0.1795	\$0.1618	41	10,646	\$1,671.34	\$0.1570	40	14,381	\$2,166.21	\$0.1506
T. 1.1.0			50.404	40 004 70			A.			***************************************	** ***			AT 000 45	45
Total Commercial (1 Ph) No Dmd		118	58,184	\$8,864.72	13	\$0.1524	\$0.1464	114	50,080	\$6,882.35	\$0.1374	111	55,760	\$7,863.15	\$0.1410
0	F04	000	400 500	457.000.07	0070	00.1440	#0.1000	004	040 500	040 745 44	***	004	000 000	\$40.504.00	00.1005
Commercial (1 Ph-In - w/Demand)	EC1	262	403,598	\$57,033.37	2079	\$0.1413	\$0.1399	264	310,568	\$40,745.11	\$0.1312	264	293,036	\$40,591.69	\$0.1385
Commercial (1 Ph-Out - w/Demand)	EC10	25	32,480	\$4,722.19	186	\$0.1454	\$0.1352	26	32,976	\$4,297.20	\$0.1303	26	31,754	\$4,382.16	\$0.1380
Total Commercial (1 Ph) w/Demand		287	436,078	\$61,755.56	2,265	\$0.1416	\$0.1394	290	343,544	\$45,042.31	\$0.1311	290	324,790	\$44,973.85	\$0.1385
Commercial (3 Ph-Out - No Dmd)	EC4O	2	40	\$41.13	5	\$1.0283	\$0.1348	2	0	\$36.00	\$0.0000	2	0	\$36.00	\$0.0000
Total Commercial (3 Ph) No Dmd		2	40	\$41.13	5	\$1.0283	\$0.1348	2	0	\$36.00	\$0.0000	2	0	\$36.00	\$0.0000
	EC3	203		·	0500		\$0.1226	208				2000			
Commercial (3 Ph-In - w/Demand)			1,803,964	\$230,142.91	6580	\$0.1276			1,743,531	\$192,165.59	\$0.1102	206	1,497,011	\$176,923.62	\$0.1182
Commercial (3 Ph-Out - w/Demand)	EC3O	36	354,180	\$44,771.59	1246	\$0.1264	\$0.1245	38	282,499	\$32,418.80	\$0.1148	36	391,905	\$45,285.07	\$0.1156
Commercial (3 Ph-Out - w/Dmd.&Sub-St.	E3SO	2	113,120	\$13,494.63	386	\$0.1193	\$0.1136	2	128,480	\$13,054.38	\$0.1016	2	120,760	\$13,059.80	\$0.1081
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	1	3,920	\$519.83	19	\$0.1326	\$0.1302	1	4,280	\$464.03	\$0.1084	1	1,960	\$278.88	\$0.1423
Total Commercial (3 Ph) w/Demand		242	2,275,184	\$288,928.96	8,231	\$0.1270	\$0.1224	249	2,158,790	\$238,102.80		245	2,011,636	\$235,547.37	\$0.1171
Large Power (In - w/Dmd & Rct)	EL1	24	2,864,647	\$280,295.21	6259	\$0.0978	\$0.0986	24	2,519,427	\$225,473.74		24	2,392,168	\$226,455.20	\$0.0947
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	2	10,080	\$2,964.35	124	\$0.2941	\$0.1443	2	112,320	\$15,970.35	\$0.1422	2	140,160	\$17,688.77	\$0.1262
Large Power (Out - w/Dmd & Rct)	EL10	1	86,400	\$10,575.56	281	\$0.1224	\$0.1166	1	65,340	\$7,082.78	\$0.1084	1	65,880	\$7,536.58	\$0.1144
Large Power (Out - w/Dmd & Rct, w/SbC	EL2O	2	366,240	\$38,254.81	927	\$0.1045	\$0.1047	2	340,800	\$33,623.94	\$0.0987	2	363,120	\$36,335.40	\$0.1001
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	74,852	\$17,250.65	654	\$0.2305	\$0.1285	2	71,216	\$6,014.85		2	75,657	\$6,509.56	\$0.0860
Total Large Power		31	3,402,219	\$349,340.58	8,245	\$0.1027	\$0.1016	31	3,109,103	\$288,165.66	\$0.0927	31	3,036,985	\$294,525.51	\$0.0970
											<u> </u>				<u> </u>
Industrial (In - w/Dmd & Rct, w/SbCr)	El1	2	1,958,328	\$164,795.31	3599	\$0.0842	\$0.0862	2	1,988,263	\$149,218.10	\$0.0750	2	1,984,035	\$162,825.47	\$0.0821
Industrial (In - w/Dmd & Rct, No/SbCr)	El2	1	1,069,294	\$88,065.89	1849	\$0.0824	\$0.0825	1	1,057,587	\$77,201.69	\$0.0730	1	990,671	\$79,187.70	\$0.0799
Total Industrial	-	3	3,027,622	\$252,861.20	5,448	\$0.0835	\$0.0848	3	3,045,850	\$226,419.79	\$0.0743	3	2,974,706	\$242,013.17	\$0.0814
1 1 1			-,- ,	, , , , , , , , , , , , , ,	-,	1	,		-,,	,			,- ,	, ,, ,,,	
Interdepartmental (In - No Dmd)	ED1	48	83,371	\$8,746.93	16	\$0.1049	\$0.1009	48	87,978	\$8,365.07	\$0.0951	48	126,385	\$12,262.35	\$0.0970
Interdepartmental (Out - No Dmd)	ED10	1	0	\$0.00	0	\$0.0000	\$0.1064	1	0	\$0.00	\$0.0000	1	0	\$0.00	\$0.0000
Interdepartmental (In - w/Dmd)	ED2	20	223,903	\$22.845.28	941	\$0.1020	\$0.0991	20	221,353	\$20,491.16		20	245,576	\$23,251.25	\$0.0947
Generators (JV2 Power Cost Only)	GJV2	1	15,634	\$620.83	26		\$0.0000	1	16,349	\$817.12		1	18,796	\$597.15	
Generators (JV5 Power Cost Only)	GJV5	4	12,926	\$513.29	18			•	13,759	\$687.67	\$0.0500	1	16,535	\$525.32	\$0.0318
	30 70														
Total Interdepartmental		71	335,834	\$32,726.33	1,001	\$0.0974	\$0.0954	71	339,439	\$30,361.02	\$0.0894	71	407,292	\$36,636.07	\$0.0900
SUB-TOTAL CONSUMPTION & DEMAN	ID	5,873	13,858,123	\$1,495,220.68	25,409	\$0.1079	\$0.1061	5,870	12,291,147	\$1,188,558.99	\$0.0967	5,870	12,326,130	\$1,250,004.47	\$0.1014
Street Lights (In)	SLO	15	0	\$13.59	0	\$0.0000	\$0.0000	16	0	\$14.20	\$0.0000	16	0		\$0.0000
Street Lights (Out)	SLOO	2	0		0	\$0.0000	\$0.0000	2	0	\$0.77		2	0		\$0.0000
Total Street Light Only		17	0	\$14.36	0	\$0.0000	\$0.0000	18	0	\$14.97	\$0.0000	18	0	\$14.97	\$0.0000
TOTAL CONCUMPTION & DESCAND		F 000	40.050.400	64 405 005 04	05.400	00.1070	60 4004	F 000	40.004.447	64 400 570 00	#0.000 -	F.000	10.000.400	64 050 040 44	00.1011
TOTAL CONSUMPTION & DEMAND		5,890	13,858,123	\$1,495,235.04	25,409	\$0.1079	\$0.1061	5,888	12,291,147	\$1,188,573.96		5,888		\$1,250,019.44	\$0.1014
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BILLING DETERMINANTS for																	
NOVEMBER, 2014 2014 - NOVEMBER BILLING WITH OCTOBER 20																	
	Jan-14				Feb-14				Mar-14				Apr-14				May-14
Class and/or Rate	# of	Jan-14	Jan-14 Billed	Cost / kWH For Month	# of	Feb-14	Feb-14	Cost / kWH For Month	# of	Mar-14	Mar-14 Billed	Cost / kWH For Month	# of	Apr-14	Apr-14	Cost / kWH	# of
Schedule Code Residential (Dom-In) E1	Bills 3,327	(kWh Usage) 2,165,884	\$231,255.93	\$0.1068	<u>Bills</u> 3,331	(kWh Usage) 2,652,898	<u>Billed</u> \$300,367.87	\$0.1132	<u>Bills</u> 3,336	(kWh Usage) 2,667,733	\$305,896.68	\$0.1147	Bills 3,339	(kWh Usage) 2,203,437	<u>Billed</u> \$215,125.61	For Month \$0.0976	Bills 3,344
Residential (Dom-In) w/Ecosmart E1E	10	5,270	\$574.13	\$0.1089	10	6,477	\$744.61	\$0.1150	10	6,297	\$734.94	\$0.1167	10		\$474.70	\$0.1014	10
Residential (Dom-In - All Electric) E2 Res.(Dom-In - All Elec.) w/Ecosmart E2E	608	682,321 485	\$66,585.78 \$53.32	\$0.0976 \$0.1099	607 1	868,660 661	\$95,411.75 \$75.86	\$0.1098 \$0.1148	605	947,151 517	\$105,078.20 \$61.41	\$0.1109 \$0.1188	605	747,599 504	\$69,791.66 \$50.63	\$0.0934 \$0.1005	614 1
,																	
Total Residential (Domestic)	3,946	2,853,960	\$298,469.16	\$0.1046	3,949	3,528,696	\$396,600.09	\$0.1124	3,952	3,621,698	\$411,771.23	\$0.1137	3,955	2,956,223	\$285,442.60	\$0.0966	3,969
Residential (Rural-Out) ER1	740	813,305	\$90,536.52	\$0.1113	740	1,023,444	\$120,315.45	\$0.1176	740	1,029,204	\$122,465.03	\$0.1190	740		\$87,869.22	\$0.1018	743
Residential (Rural-Out) w/Ecosmart ER1E Residential (Rural-Out - All Electric) ER2	385	3,465 553,525	\$394.50 \$60,424.35	\$0.1139 \$0.1092	387	3,830 699,435	\$462.98 \$81,026.24	\$0.1209 \$0.1158	386	3,763 756,270	\$461.17 \$88,380.86	\$0.1226 \$0.1169	385		\$298.35 \$61,875.34	\$0.1077 \$0.0993	387
Res. (Rural-Out - All Electric) w/Ecosmar ER2E	2	2,523	\$277.99	\$0.1102	2	3,524	\$409.05	\$0.1161	2	3,420	\$402.63	\$0.1177	2	2,782	\$279.42	\$0.1004	2
Residential (Rural-Out w/Dmd) ER3 Residential (Rural-Out - All Electric w/Dm ER4	14	175,609 29,132	\$17,976.90 \$3,061.58	\$0.1024 \$0.1051	14 9	42,454 13,877	\$4,815.30 \$1,621.35	\$0.1134 \$0.1168	14	23,947 15,632	\$2,814.89 \$1,837.21	\$0.1175 \$0.1175	14	29,085 13,299	\$2,846.46 \$1,329.20	\$0.0979 \$0.0999	14
nesideritiai (nurai-Out - Ali Electric W/DII En4		29,132	\$3,061.36	\$0.1051		13,077	\$1,021.33	φυ.1100		15,632	\$1,037.21	\$0.1175		13,299	\$1,329.20	φυ.υ999	
Total Residential (Rural)	1,154	1,577,559	\$172,671.84	\$0.1095	1,156	1,786,564	\$208,650.37	\$0.1168	1,155	1,832,236	\$216,361.79	\$0.1181	1,154	1,534,343	\$154,497.99	\$0.1007	1,159
Commercial (1 Ph-In - No Dmd) EC2	71	43,626	\$5,887.59	\$0.1350	72	50,780	\$7,084.93	\$0.1395	72	52,551	\$7,603.38	\$0.1447	73	47,168	\$5,464.82	\$0.1159	73
Commercial (1 Ph-Out - No Dmd) EC2O	41	13,541	\$2,057.64	\$0.1520	41	15,107	\$2,345.41	\$0.1553	41	17,014	\$2,676.53	\$0.1573	41	14,593	\$1,914.47	\$0.1312	41
Total Commercial (1 Ph) No Dmd	112	57,167	\$7,945.23	\$0.1390	113	65,887	\$9,430.34	\$0.1431	113	69,565	\$10,279.91	\$0.1478	114	61,761	\$7,379.29	\$0.1195	114
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Commercial (1 Ph-In - w/Demand) EC1 Commercial (1 Ph-Out - w/Demand) EC1O	266 26	314,838 35,202	\$41,545.49 \$4,606.73	\$0.1320 \$0.1309	266 25	354,791 45,573	\$48,252.71 \$5,962.21	\$0.1360 \$0.1308	266 25	369,771 51,000	\$52,003.63 \$6,814.96	\$0.1406 \$0.1336	266 25	328,206 46,109	\$37,066.22 \$4,902.12	\$0.1129 \$0.1063	265 25
Total Commercial (1 Ph) w/Demand	292	350,040	\$46,152.22	\$0.1318	291	400,364	\$54,214.92	\$0.1354	291	420,771	\$58,818.59	\$0.1398	291	374,315	\$41,968.34	\$0.1121	290
Commercial (3 Ph-Out - No Dmd) EC4O	2	13,400	\$1,580.65	\$0.1180	2	12,240	\$1,532.99	\$0.1252	2	440	\$92.50	\$0.2102	2	80	\$43.80	\$0.5475	2
Total Commercial (3 Ph) No Dmd	2	13,400	\$1,580.65	\$0.1180	2	12,240	\$1,532.99	\$0.1252	2	440	\$92.50	\$0.2102	2	80	\$43.80	\$0.5475	2
Commercial (3 Ph-In - w/Demand) EC3	205	1,447,027	\$166,491.55	\$0.1151	204	1,447,853	\$177,029.32	\$0.1223	204	1,466,120	\$186,264.89	\$0.1270	203	1,498,619	\$144,658.79	\$0.0965	203
Commercial (3 Ph-Out - w/Demand) EC3O	36	287,798	\$34,591.74	\$0.1202	36	268,912	\$33,948.49	\$0.1262	36	336,266	\$42,895.47	\$0.1276	36		\$27,407.82	\$0.0901	36
Commercial (3 Ph-Out - w/Dmd.&Sub-St. E3SO	2	127,880	\$13,528.15	\$0.1058	2	97,520	\$11,322.79	\$0.1161	2	119,360	\$14,205.36	\$0.1190	2	115,400	\$10,328.65	\$0.0895	2
Commercial (3 Ph-In - w/Demand, No Ta EC3T	1	1,800	\$217.47	\$0.1208	1	1,760	\$222.21	\$0.1263	1	2,040	\$263.89	\$0.1294	1	2,000	\$195.92	\$0.0980	1
Total Commercial (3 Ph) w/Demand	244	1,864,505	\$214,828.91	\$0.1152	243	1,816,045	\$222,522.81	\$0.1225	243	1,923,786	\$243,629.61	\$0.1266	242	1,892,530	\$182,591.18	\$0.0965	242
Large Power (In - w/Dmd & Rct) EL1	24	2,225,771	\$210,865.07	\$0.0947	24	2,063,522	\$218,102.07	\$0.1057	24	2,317,388	\$239,569.19	\$0.1034	24		\$174,927.77	\$0.0871	24
Large Power (In - w/Dmd & Rct, w/SbCr) EL2 Large Power (Out - w/Dmd & Rct) EL1O	1	141,240 70,200	\$17,776.39 \$7,601.59	\$0.1259 \$0.1083	1	127,080 74,700	\$17,566.79 \$8,360.23	\$0.1382 \$0.1119	1	162,600 78,660	\$19,158.59 \$8,770.32	\$0.1178 \$0.1115	1	128,880 67,860	\$15,427.15 \$6,696.91	\$0.1197 \$0.0987	1
Large Power (Out - w/Dmd & Rct, w/SbC EL2O	2	314,400	\$31,908.05	\$0.1015	2	262,080	\$31,593.00	\$0.1205	2	382,080	\$39,028.73	\$0.1021	2	303,840	\$28,455.05	\$0.0937	2
Large Power (In - w/Dmd & Rct, w/SbCr) EL3	2	80,917	\$6,758.58	\$0.0835	2	86,020	\$7,861.04	\$0.0914	2	87,615	\$8,084.06	\$0.0923	2	56,449	\$6,292.88	\$0.1115	2
Total Large Power	31	2,832,528	\$274,909.68	\$0.0971	31	2,613,402	\$283,483.13	\$0.1085	31	3,028,343	\$314,610.89	\$0.1039	31	2,564,436	\$231,799.76	\$0.0904	31
Industrial (In - w/Dmd & Rct, w/SbCr) EI1	2	1,980,102	\$157,408.43	\$0.0795	2	1,764,615	\$159,115.05	\$0.0902	2	1,943,145	\$172,895.43	\$0.0890	2	1,254,911	\$111,981.55	\$0.0892	2
Industrial (In - w/Dmd & Rct, No/SbCr) EI2	1	1,034,124	\$87,121.03	\$0.0842	1	806,907	\$76,569.36	\$0.0949	1	1,082,899	\$97,248.96	\$0.0898	1	983,848	\$73,821.89	\$0.0750	1
Total Industrial	3	3,014,226	\$244,529.46	\$0.0811	3	2,571,522	\$235,684.41	\$0.0917	3	3,026,044	\$270,144.39	\$0.0893	3	2,238,759	\$185,803.44	\$0.0830	3
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Interdepartmental (In - No Dmd) ED1 Interdepartmental (Out - No Dmd) ED1O	48	166,609	\$15,927.03 \$0.00	\$0.0956 \$0.0000	48 1	183,455 0	\$19,016.54 \$0.00	\$0.1037 \$0.0000	48	194,860	\$20,454.73 \$0.00	\$0.1050 \$0.0000	48	165,644	\$14,342.72 \$0.00	\$0.0866 \$0.0000	48 1
Interdepartmental (In - w/Dmd) ED2	20	305,446	\$28,565.44	\$0.0935	20	374,969	\$37,992.13	\$0.1013	20	431,959	\$44,486.15	\$0.1030	20		\$29,970.33	\$0.0844	20
Generators (JV2 Power Cost Only) GJV2	1	13,913	\$457.60	\$0.0329	1	22,895	\$644.27 \$529.57	\$0.0281	1	25,582	\$1,394.73	\$0.0545	1	20,858	\$1,385.60	\$0.0664	1
Generators (JV5 Power Cost Only) GJV5	-	17,752	\$583.86	\$0.0329		19,139	\$538.57	\$0.0281		20,046	\$1,092.91	\$0.0545		15,564	\$1,033.92	\$0.0664	
Total Interdepartmental	71	503,720	\$45,533.93 	\$0.0904	71	600,458	\$58,191.51 	\$0.0969	71	672,447	\$67,428.52		71	557,004	\$46,732.57	\$0.0839	71
SUB-TOTAL CONSUMPTION & DEMAND	5,855	13,067,105	\$1,306,621.08 	\$0.1000	5,859	13,395,178	\$1,470,310.57 	\$0.1098	5,861	14,595,330	\$1,593,137.43		5,863	12,179,451	\$1,136,258.97 	\$0.0933	5,881
Street Lights (In) SLO	16	0	\$14.20	\$0.0000	16	0	\$14.20	\$0.0000	16	0	\$14.20	\$0.0000	16		\$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	_	\$0.77	\$0.0000	2
Total Street Light Only	18	0	\$14.97	\$0.0000	18	0	\$14.97	\$0.0000	18	0	\$14.97		18	0	\$14.97	\$0.0000	18
TOTAL CONSUMPTION & DEMAND	5,873	13,067,105	\$1,306,636.05	\$0.1000	5,877		\$1,470,325.54	\$0.1098	5,879	14,595,330		\$0.1092	5,881	12,179,451		\$0.0933	
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Part March	BILLING DETERMINAN	TS for	,																
Chee Note Property	NOVEMBER, 2014 2014 - NOVEMBER BILLING WITH OCT	OBER 20																	
Significant () () () () () () () () () (Class and/av	Data	May 14	Mau 44	Coot / I/WH		lum 4.4	lum d.d	Coot / kWH		Int 4.4	hil 44	Coot / I/WH		A.u. 14	Aug 44	Coot / kWH		Con 14
Respond (Prof. 1) Fig. 200500 Bec. Coll.) Bec. Coll.) Bec. Coll. Bec. Coll																-			
Research France Part		E1																	
Residence Part Pa	7																		
Total Personal (Pomeracy) Fig. 1, 2,60,1,01 Fig.						611				610				608				615	
Reduction (Fig. 1)	ries.(Dom-in - All Liec.) w/Lcosmart	LZL		Ψ40.37	ψ0.1230			ψ+3.11	ψ0.1054			Ψ00.44	ψ0.1230			Ψ100.00	ψ0.1223		701
Proceeding Proc. No. Comment Proc. No. C	Total Residential (Domestic)		2,664,261	\$312,302.44	\$0.1172	3,957	2,016,117	\$210,144.68	\$0.1042	3,950	2,446,327	\$303,965.52	\$0.1243	3,946	3,076,404	\$379,085.34	\$0.1232	3,955	2,803,041
The Secretary of the Communical C	Residential (Rural-Out)	ER1	798,959	\$97,702.43	\$0.1223	741	576,918	\$63,484.42	\$0.1100	744	655,212	\$85,588.78	\$0.1306	746	780,096	\$101,240.28	\$0.1298	747	712,222
The Resident of March 19 (19 1) 19 (4					
Resident influe CAL wOrld EGY 26112 \$0,000 25112 \$0,000 251 \$0,000 12 \$0,00	,													389					
Residentifical Color of Feore with Prior 1. 1908/19 3167.75 (6) 10.17 11.05 19.17 19. 0 10.00 1 1.00 1						_								1/					
Trool Freeding (Figure 9 1,896,875 196,755														9					
Commencial (T Ph-In N Draid) CC2 40.11 30.71235 0.1465 72 50.06 8 81.13.77 80.100 70 4.4.00 0.09700 10.1616 72 44.50 37.14.77 50.100 70 14.00 0.00 10.	·																		
Commondal (I Ph. Out. No Dring) E(20) (1907) S5/3002 S5 1666 41 0.776 11.40 0.09 10.10 14 0.00 14 0.00 14 0.00 14 0.00 14 0.00 14 0.00 14 0.00 15 0.00 11 0.00	Total Residential (Rural)		1,390,891	\$168,735.18	\$0.1213	1,156	988,473	\$107,630.16	\$0.1089	1,160	1,065,138	\$138,637.93	\$0.1302	1,164	1,240,381	\$160,760.18	\$0.1296	1,163	1,139,388
Total Commercial (1 Ph) No Dord 10 99,30 18,66221 90,100 110 48,90 18,66221 90,100 110 83,000 110																			
Total Commercial (Fig. 4) - 40 more control of the commercial (Fig. 4) - 40 more control of the	Commercial (1 Ph-Out - No Dmd)	EC2O			\$0.1646				\$0.1611				\$0.1906				\$0.1852		
Commercial (F Pr)-UL - Webmand (F Pr)-UL - Web	Total Commercial (1 Ph) No Dmd				\$0.1497				\$0.1361				\$0.1671				\$0.1653		
Commercial (F Pr)-UL - Webmand (F Pr)-UL - Web									******				** ***			450 (0) 0	00.1501		
Total Commercial (1 Ph) wDemand																			
Commercial (3 Ph Out No Dard) EC40 640 6517.07 50.1829 2 240 562.04 56	Commercial (1 Fin-Out - W/Demand)	LUIU		φυ,997.30	φυ.1330			φ4,194.32	φ0.1243		30,949	φ4,904.30	φυ.1004		34,976	φ3,302.20	φ0.1590		39,004
Total Commercial (3 Ph) No Damad No Tax (527) \$1,728,708 \$17,728,708 \$18,728,708 \$18,228,7	Total Commercial (1 Ph) w/Demand		382,720	\$53,656.48	\$0.1402	289	321,200	\$41,410.18	\$0.1289	289	341,904	\$55,462.00	\$0.1622	288	390,017	\$61,683.50	\$0.1582	287	403,404
Total Commercial (3 PP) No Dinds	Commercial (3 Ph-Out - No Dmd)	EC4O		\$117.07	\$0.1829		240	\$62.04	\$0.2585	2		\$41.64	\$1.0410	2	40	\$41.64	\$1.0410	2	40
Commercial (2 Ph-Out - WDemand) EC30 (246,178 (351,798.08) 90,1090 88 (225,086) 89,01101 2 90,000 (511,085.08) 90,1011 2 90,000 (511,085.08) 90,000 (511,085	Total Commercial (3 Ph) No Dmd			\$117.07	\$0.1829		240	\$62.04	\$0.2585	2		\$41.64	\$1.0410		40	\$41.64	\$1.0410		40
Commercial (2 Ph-Out - WDemand) EC30 (246,178 (351,798.08) 90,1090 88 (225,086) 89,01101 2 90,000 (511,085.08) 90,1011 2 90,000 (511,085.08) 90,000 (511,085	Commercial (2 Ph. In., ur/Domand)	ECO	1 270 277	£174 920 90	\$0.1000	202	1 404 140	£155 016 10	¢0 1000	202	1 400 401	P010 1E4 E0	¢0 1410	200	1 669 000	\$000 E00 E0	¢0.1200	202	1 701 005
Commercial (3 Ph-Out. wDmd & Sub-St. E390 104.440 \$12.375.17 \$0.1186 2 97.400 \$83850.52 \$0.1011 2 90.089 \$12.835.15 \$0.1345 2 95.020 \$12.877.42 \$0.1345 2 95.000 Commercial (3 Ph) wDemand 1,731.496 \$219.177.03 \$0.126 242 1,746.295 \$191.153.44 \$0.1092 240 1,813.099 \$257,687.01 \$0.1421 243 2,001.825 \$200.958.45 \$0.1517 1 3.720 Commercial (3 Ph) wDemand 1,731.496 \$219.177.03 \$0.126 242 1,746.295 \$191.153.44 \$0.1092 240 1,813.099 \$257,687.01 \$0.1421 243 2,001.825 \$200.958.45 \$0.1104 240 2,145.186 Large Power (in - wDmd & Ret) E12 2,233.702 \$225.538.75 \$0.1054 24 2,316.804 \$211.292.44 \$0.0912 24 2,600.881 \$278.445.73 \$0.1069 24 2,601.292 \$281.439.59 \$0.1045 24 2,881.673 Large Power (in - wDmd & Ret, wSbCr) E12 2,233.702 \$200.958.45 \$0.1054 24 2,881.673 \$0.0000 24 2,881.6																			
Total Commercial (3 Ph) w/Demand													· ·	2					
Total Commercial (3 Ph) wiDemand 1,731,495 \$219,177.03 \$0.1266 242 1,746,295 \$191,152.84 \$0.093 240 1,813,096 \$257,687.01 \$0.1421 \$252,444.75 \$0.0160 \$0.1421 \$240 \$0.01,205 \$209,584.55 \$0.1040 \$21,455,680 \$0.00912 24 \$2.03,581 \$253,787.45 \$0.0160 \$248,245,73 \$0.0160 \$2,591,282	Commercial (3 Ph-In - w/Demand, No Tax	EC3T	1,600	\$212.26	\$0.1327	1	1,680	\$186.39	\$0.1109	1	1,880	\$302.97	\$0.1612	1	2,920	\$442.82	\$0.1517	1	3,720
Large Power (In-wDmd & RcI, wSbC) E12 72,960 \$15,4561 \$0.2116 2 14,760 \$3.52166 \$0.2386 2 11,640 \$3.855.04 \$0.3312 2 10,560 \$3.551.30 \$0.3383 2 10.080 2 2 2 2 2 2 2 2 2	Total Commercial (3 Ph) w/Demand				\$0.1266				\$0.1093				\$0.1421				\$0.1404		
Large Power (In-wDmd & RcI, wSbC) E12 72,960 \$15,4561 \$0.2116 2 14,760 \$3.52166 \$0.2386 2 11,640 \$3.855.04 \$0.3312 2 10,560 \$3.551.30 \$0.3383 2 10.080 2 2 2 2 2 2 2 2 2																			
Large Power (Out - w/Dmd & Rct) E1																			
Large Power (In - wDmd & Rct, wSbC) EL3D 341,040 \$37,293.64 \$0.1092 2 335,760 \$31,541.15 \$0.0939 2 321,800 \$36,579.79 \$0.1137 2 289,440 \$34,015.76 \$0.175 2 371,940 ELarge Power (In - wDmd & Rct, wSbC) EL3 80,475 \$0.1393 2 76,482 \$13,267.75 \$0.1774 2 74,354 \$11,227.16 \$0.1510 2 72,057 \$56,521.04 \$0.0909 2 72,814.15 \$0.0000 2										1				1				1	
Total Large Power						2				2				2				2	
Total Large Power 2,774,367 \$304,855.20 \$0.1099 31 2,803,936 \$267,064.83 \$0.0952 31 3,090,195 \$340,163.31 \$0.1101 31 3,151,539 \$336,126.79 \$0.1067 31 3,427,152		EL3	60,424		\$0.1393	2	76,492	\$13,566.72	\$0.1774	2	74,354	\$11,227.18		2	72,057		\$0.0905	2	72,814
Industrial (in - w/Dmd & Rct, No/SbCr) E/2 1,186,801 \$10,0145.88 \$0.0844 1 1,161,325 \$82,055.46 \$0.0707 1 1,171,773 \$101,779.44 \$0.0860 1 1,072,673 \$91,909.77 \$0.0857 1 1,124,106	Total Large Power		2,774,367	\$304,855.20	\$0.1099		2,803,936	\$267,064.83	\$0.0952	31	3,090,195	\$340,163.31	\$0.1101		3,151,539	\$336,126.79	\$0.1067	31	3,427,152
Industrial (in - w/Dmd & Rct, No/SbCr) E/2 1,186,801 \$10,0145.88 \$0.0844 1 1,161,325 \$82,055.46 \$0.0707 1 1,171,773 \$101,779.44 \$0.0860 1 1,072,673 \$91,909.77 \$0.0857 1 1,124,106	Indicatrial (In 1970) David 0 Dat 1970 Ch Col	E14	1 000 001	¢107.010.00	#0.0004	0	1 445 704	\$110.07F.FC	#0.0010	•	1.754.501	#1C4 FF0 00	#0.0000		1 000 450	#100 OE0 OC	#0.0001	•	0.000.704
Total Industrial 2,573,682 \$237,965.58 \$0.0925 3 2,607,089 \$200,431.02 \$0.0769 3 2,926,304 \$266,339.74 \$0.0910 3 2,959,132 \$259,962.63 \$0.0879 3 3,126,840 \$101111 \$101111 \$101111 \$101111 \$101111 \$101111 \$10111 \$10111 \$10111 \$10111 \$10111 \$101111 \$						1				1				1				1	
Interdepartmental (in - No Dmd) ED1 146,595 \$15,600.16 \$0.1064 48 93,426 \$8,496.15 \$0.0099 51 83,410 \$9,435.99 \$0.1131 48 82,922 \$9,461.55 \$0.1141 48 82,693 interdepartmental (in - No Dmd) ED10 201 \$21.39 \$0.1064 1 0 \$0.00 \$0.0000 1 0	Total Industrial			\$237,965.58	\$0.0925		2,607,089	\$200,431.02	\$0.0769				\$0.0910	3			\$0.0879	3	3,126,840
Interdepartmental (Out - No Dmd) ED1O 201 \$21.39 \$0.1064 1 0 \$0.000 \$0.0000 1 0 \$0.000 \$0.0000 1 0 \$0.000 \$0.0000 1 0 \$0.000 \$0.0000 1 0 \$0.000 \$0.0000 1 0 \$0.000 \$0.0000 1 0 \$0.000 \$0.0000 1 0 \$0.000 \$0.0000 1 0 \$0.000 \$0.0000 1 0 \$0.000 \$0.0000 1 0 \$0.000 \$0.0000 1 0 \$0.000 \$0.0000 1 0 \$0.000 \$0.0000 1 0 \$0.000 \$0.0000 1 0 \$0.000 \$0.0000 1 0 \$0.000 \$0.0000 1 0 \$0.0000 \$0.0000 1 0 \$0.000 \$0.0000 1 0 \$0.0000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.0000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.				•			, ,								, ,				
Interdepartmental (In - w/Dmd)							93,426			51	83,410			48	82,922			48	82,693
Generators (JV2 Power Cost Only) GJV2 18,477 \$887.64 \$0.0480 1 16,504 \$577.14 \$0.0350 1 15,706 \$646.14 \$0.0411 1 14,838 \$496.78 \$0.0335 1 15,380 Generators (JV5 Power Cost Only) GJV5 14,248 \$684.47 \$0.0480 1 12,836 \$448.87 \$0.0550 1 13,128 \$540.09 \$0.0411 1 12,752 \$426.94 \$0.0335 1 13,017 Total Interdepartmental 502,060 \$50,672.50 \$0.1009 71 380,990 \$32,381.84 \$0.0850 74 353,129 \$37,173.98 \$0.1053 71 348,111 \$36,811.95 \$0.1057 71 366,400 \$0.00000 \$0.						•	258 224			20	240.995			20	237 500			20	255 210
Generators (JV5 Power Cost Only) GJV5 14,248 \$684.47 \$0.0480 1 12,836 \$448.87 \$0.0350 1 13,128 \$540.09 \$0.0411 1 12,752 \$426.94 \$0.0335 1 13,017 Total Interdepartmental 502,060 \$50,672.50 \$0.1009 71 380,990 \$32,381.84 \$0.0850 74 353,129 \$37,173.98 \$0.1053 71 348,111 \$36,811.95 \$0.1057 71 366,400 SUB-TOTAL CONSUMPTION & DEMAND 12,079,254 \$1,356,333.69 \$0.1123 5,864 10,915,300 \$1,056,940.95 \$0.0968 5,864 12,088,761 \$1,408,262.90 \$0.1165 5,862 13,223,160 \$1,524,637.92 \$0.1153 5,868 13,466,224 Street Lights (In) SLO 0 \$14.20 \$0.0000 16 0 \$14.20 \$0.0000 16 0 \$14.20 \$0.0000 15 0 \$13.59 \$0.0000 15 0 \$13.59 \$0.0000 15 0 \$13.59 \$0.0000 15 0 \$13.59 \$0.0000 15 0 \$1.0000 15 \$1.0000 \$1.0			- ,			1				1		,		1	- ,			1	
Total Interdepartmental 502,060 \$50,672.50 \$0.1009 71 380,990 \$32,381.84 \$0.0850 74 353,129 \$37,173.98 \$0.1053 71 348,111 \$36,811.95 \$0.1057 71 366,400 \$0.0	0 . (1) (5 . 0 . 0 . 1)	0.07		****		1		4	40.0050	1	10.100	A=	****	1	12,752	410001	** ***	1	13,017
SUB-TOTAL CONSUMPTION & DEMAND 12,079,254 \$1,356,333.69 \$0.1123 5,864 10,915,300 \$1,056,940.95 \$0.0968 5,864 12,088,761 \$1,408,262.90 \$0.1165 5,862 13,223,160 \$1,524,637.92 \$0.1153 5,868 13,466,224 \$1,356,333.69 \$0.1123 5,864 10,915,300 \$1,056,940.95 \$0.0968 5,864 12,088,761 \$1,408,262.90 \$0.1165 5,862 13,223,160 \$1,524,637.92 \$0.1153 5,868 13,466,224 \$1,000 \$1,00	Total Interdepartmental				\$0.1009				\$0.0850				\$0.1053				\$0.1057		
Street Lights (In) SLO 0 \$14.20 \$0.0000 16 0 \$14.20 \$0.0000 16 0 \$14.20 \$0.0000 15 0 \$13.59 \$0.0000 15 0 \$13.59 \$0.0000 15 0 \$13.59 \$0.0000 15 0 \$14.20 \$13.59 \$13.	SUR-TOTAL CONSUMPTION & DEMAN	ın		¢1 356 333 60	\$0.1100		10 015 200	\$1.056.040.05	\$0.0060	5 964			\$0.11 €E	5 060	13 222 160	\$1 524 627 00	\$0.11E2		13 /66 224
Street Lights (In) SLO 0 \$14.20 \$0.0000 16 0 \$14.20 \$0.0000 16 0 \$14.20 \$0.0000 15 0 \$13.59 \$0.0000 15 0 \$10.0000	OUD TOTAL CONSUMPTION & DEMAN		, ,		ψυ.1123			, ,,-	φυ.υσ00				ψυ.1100	-			φυ.1133		
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 0 \$0.77 \$0.0000 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 0 \$0.77 \$0.0000 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 \$0.0000 2 \$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 17 0 \$14.36 \$0.0000 17 0 \$14.36 \$0.0000 17 0 \$14.36 \$0.0000 17 0 \$14.36 \$0.0000 17 0 \$14.36 \$0.0000 17 0 \$14.36 \$0.0000 17 0 \$14.36 \$0.0000 17 0 \$14.36 \$0.0000 17 0 \$14.36 \$14.00 \$			0				0							15					0
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 17 0 \$14.36 \$0.0000 17 0 \$14.36 \$0.0000 17 0 \$14.36 \$0.0000 17 0 \$14.36 \$0.0000 17 0 \$14.36 \$0.0000 17 0 \$14.36 \$0.0000 17 0 \$14.36 \$0.0000 17 0 \$14.36 \$14.37 \$1.0000 \$1	Street Lights (Out)	SLOO	0	•	\$0.0000		0		\$0.0000				\$0.0000	2	_		\$0.0000		0
TOTAL CONSUMPTION & DEMAND 12,079,254 \$1,356,348.66 \$0.1123 5,882 10,915,300 \$1,056,955.92 \$0.0968 5,882 12,088,761 \$1,408,277.87 \$0.1165 5,879 13,223,160 \$1,524,652.28 \$0.1153 5,885 13,466,224	Total Street Light Only		0		\$0.0000	18	0		\$0.0000		0	\$14.97	\$0.0000	17	0		\$0.0000	17	0
	TOTAL CONSUMPTION & DEMAND			\$1,356.348.66	\$0.1123		10,915.300	\$1,056.955.92	\$0.0968	5.882			\$0.1165			\$1,524.652.28	\$0.1153		
					•														

BILLING DETERMINAN	TS for											
NOVEMBER, 2014												
2014 - NOVEMBER BILLING WITH OCT	OBER 20	,										,
Class and/or	Rate	Sep-14	Cost / kWH	Oct-14 # of	Oct-14	Oct-14	Cost / kWH	TOTAL KWH USEAGE	TOTAL BILLING	Avg.Cost Per kWH	Avg.Num. of Bills	Avg.Per.% of Bills
Schedule	Code	Billed	For Month	Bills	(kWh Usage)	Billed	For Month	PRIOR 12 MO	PRIOR 12 MO	For Period	For Period	For Period
Residential (Dom-In)	E1	\$285,045.20	\$0.1185	3,335	2,677,535	\$304,687.24		26,963,992	\$3,048,884.54	\$0.1131	3,333	56.6520%
Residential (Dom-In) w/Ecosmart	E1E	\$712.25	\$0.1204	10	7,247	\$830.56		66,486	\$7,659.24	\$0.1152	10	0.1700%
Residential (Dom-In - All Electric)	E2	\$46,846.04	\$0.1204	609	421,500	\$48,471.67		6,611,433	\$722,002.46		609	10.3579%
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	\$89.90	\$0.1181	1	863	\$97.76		7.021	\$806.01		1	0.0170%
ries.(Doni-in - All Liec.) w/Lcosmart	LZL	ψ00.00	ψ0.1101			ψ37.70	ψ0.1133	7,021	Ψ000.01	ψ0.1140		0.017078
Total Residential (Domestic)		\$332,693.39	\$0.1187	3,955	3,107,145	\$354,087.23	\$0.1140	33,648,932	\$3,779,352.25	\$0.1123	3,954	67.1969%
Residential (Rural-Out)	ER1	\$89,327.53	\$0.1254	748	766,349	\$92,554.12	\$0.1208	9,290,760	\$1,096,316.08	\$0.1180	743	12.6298%
Residential (Rural-Out) w/Ecosmart	ER1E	\$313.86	\$0.1318	4	2,534	\$321.52	\$0.1269	32,779	\$4,034.35	\$0.1231	4	0.0680%
Residential (Rural-Out - All Electric)	ER2	\$49,504.18	\$0.1247	387	421,393	\$50,656.05	\$0.1202	5,966,802	\$690,702.60	\$0.1158	386	6.5677%
Res. (Rural-Out - All Electric) w/Ecosmar	ER2E	\$144.60	\$0.1334	2	1,283	\$162.45	\$0.1266	23,569	\$2,773.29	\$0.1177	2	0.0340%
Residential (Rural-Out w/Dmd)	ER3	\$2,114.46	\$0.1229	14	14,868	\$1,788.64	\$0.1203	476,609	\$51,824.74	\$0.1087	14	0.2394%
Residential (Rural-Out - All Electric w/Dm	ER4	\$1,181.79	\$0.1244	9	9,390	\$1,132.19	\$0.1206	164,513	\$18,663.61	\$0.1134	9	0.1530%
Total Residential (Rural)		\$142,586.42	\$0.1251	1,164	1,215,817	\$146,614.97	\$0.1206	15,955,032	\$1,864,314.67	\$0.1168	1,159	19.6918%
, ,	EC2	\$6,740.06	\$0.1549			\$7,057.84		539,548			,	
Commercial (1 Ph-In - No Dmd) Commercial (1 Ph-Out - No Dmd)	EC2O	\$6,740.06 \$2,041.30	\$0.1549 \$0.1808	75 43	48,119 10,065	\$7,057.84 \$1,806.88	\$0.1467 \$0.1795	150,081	\$76,656.10 \$24,284.03		73 41	1.2351% 0.7011%
Commercial (1 Fil-Out - No Dind)	EU2U	\$2,041.30	φυ.1808	43	10,065	\$1,806.88	ф0.1795	150,081	\$24,284.03	φυ. ισ18	41	0.7011%
Total Commercial (1 Ph) No Dmd		\$8,781.36	\$0.1603	118	58,184	\$8,864.72	\$0.1524	689,629	\$100,940.13	\$0.1464	114	1.9362%
Total Commercial (1 Ph) No bind		\$0,761.30	\$0.1003	110	50,104	\$0,004.72	\$0.1524	009,029	\$100,940.13	\$0.1404	114	1.9302%
Commercial (1 Ph-In - w/Demand)	EC1	\$55,033.16	\$0.1511	262	403,598	\$57.033.37	\$0.1413	4,030,911	\$563,764.90	\$0.1399	264	4.4913%
Commercial (1 Ph-Out - w/Demand)	EC10	\$5.531.72		25	32,480	\$4,722.19		458,236	\$61,937.93		25	0.4306%
Commercial (1111-Out - W/Demand)	LOTO	ψ0,001.72	ψ0.1413	20	32,400	Ψ4,722.13	ψ0.1434	430,230	ψ01,337.33	ψ0.1002	2.5	0.430078
Total Commercial (1 Ph) w/Demand		\$60,564.88	\$0.1501	287	436,078	\$61,755.56	\$0.1416	4,489,147	\$625,702.83	\$0.1394	290	4.9219%
Commercial (3 Ph-Out - No Dmd)	EC4O	\$41.40	\$1.0350	2	40	\$41.13	\$1.0283	27,200	\$3,666.86	\$0.1348	2	0.0340%
,												
Total Commercial (3 Ph) No Dmd		\$41.40	\$1.0350	2	40	\$41.13	\$1.0283	27,200	\$3,666.86	\$0.1348	2	0.0340%
Commercial (3 Ph-In - w/Demand)	EC3	\$230,110.92	\$0.1337	203	1,803,964	\$230,142.91	\$0.1276	18,580,216	\$2,277,320.55	\$0.1226	204	3.4687%
Commercial (3 Ph-Out - w/Demand)	EC3O	\$43,446.53	\$0.1336	36	354,180	\$44,771.59		3,465,182	\$431,576.18		36	0.6090%
Commercial (3 Ph-Out - w/Dmd.&Sub-St.	E3SO	\$12,086.52	\$0.1272	2	113,120	\$13,494.63	\$0.1193	1,307,400	\$148,568.54		2	0.0340%
Commercial (3 Ph-In - w/Demand, No Tax	EC3T	\$540.68	\$0.1453	1	3,920	\$519.83	\$0.1326	29,560	\$3,847.35		1	0.0170%
(70110			***************************************		0.0
Total Commercial (3 Ph) w/Demand		\$286,184.65	\$0.1334	242	2,275,184	\$288,928.96	\$0.1270	23,382,358	\$2,861,312.62	\$0.1224	243	4.1287%
			40.000			*****	*****	00 /07 070	**********			
Large Power (In - w/Dmd & Rct)	EL1	\$288,723.71	\$0.0998	24	2,864,647	\$280,295.21		29,127,378	\$2,870,996.78		24	0.4079%
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	\$3,092.87	\$0.3068	2	10,080	\$2,964.35	\$0.2941	942,360	\$136,008.87	\$0.1443	2	0.0340%
Large Power (Out - w/Dmd & Rct)	EL10	\$10,349.16		1	86,400	\$10,575.56		884,160	\$103,126.52	\$0.1166	1	0.0170%
Large Power (Out - w/Dmd & Rct, w/SbC	EL2O	\$39,438.67		2		\$38,254.81		3,991,440	\$418,013.99		2	0.0340%
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	\$15,752.70	\$0.2163	2	74,852	\$17,250.65	\$0.2305	888,867	\$114,256.29	\$0.1285	2	0.0340%
Total Large Power		\$357,357.11	\$0.1043	31	3,402,219	\$349,340.58	\$0.1027	35,834,205	\$3,642,402.45	\$0.1016	31	0.5269%
Industrial (In - w/Dmd & Rct, w/SbCr)	El1	\$173,767.61	\$0.0868	2	1,958,328	\$164,795.31	\$0.0842	21,349,768	\$1,840,814.96		2	0.0340%
Industrial (In - w/Dmd & Rct, No/SbCr)	El2	\$96,558.32	\$0.0859	1	1,069,294	\$88,065.89	\$0.0824	12,742,008	\$1,051,665.80	\$0.0825	1	0.0170%
Total Industrial		\$270,325.93	\$0.0865	3	3,027,622	\$252,861.20	\$0.0835	34,091,776	\$2,892,480.76	\$0.0848	3	0.0510%
Total industrial		\$270,325.93	\$0.0005	3	3,027,022	\$252,001.20	\$U.U635	34,091,776	\$2,092,400.76	\$0.0040	3	0.0510%
Interdepartmental (In - No Dmd)	ED1	\$8,991.07	\$0.1087	48	83,371	\$8,746.93	\$0.1049	1.497.348	\$151,100.29	\$0.1009	48	0.8201%
Interdepartmental (Out - No Dmd)	ED10	\$0.00	\$0.0000	1	00,571	\$0.00	\$0.0000	201	\$21.39		1	0.0170%
Interdepartmental (In - w/Dmd)	ED2	\$27,094.63	\$0.1061	20	223,903	\$22,845.28	\$0.1020	3,472,701	\$344,013.33		20	0.3399%
Generators (JV2 Power Cost Only)	GJV2	\$602.43		1	15,634	\$620.83		214,932	\$9,127.43		1	0.0170%
Generators (JV5 Power Cost Only)	GJV5	\$509.88		1	12,926	\$513.29		181,702	\$7,585.79		1	0.0170%
Total Interdepartmental		\$37,198.01	\$0.1015	71	335,834	\$32,726.33		5,366,884	\$511,848.23		71	1.2110%
SUB-TOTAL CONSUMPTION & DEMAN	D	\$1,495,733.15	\$0.1111	5,873	13,858,123	\$1,495,220.68	\$0.1079	153,485,163	\$16,282,020.80	\$0.1061	5,866	99.6983%
		========		-		========	 	========				
Ctract Lighta (In)	CI O	#40 F0	60.0000	4.5	_	610.50	#0.0000		#100 F7	#0.0000		0.00770/
Street Lights (In)	SLOO SLOO	\$13.59		15 2	0	\$13.59	\$0.0000 \$0.0000	0	\$168.57	\$0.0000 \$0.0000	16	0.2677%
Street Lights (Out)	SLUU	\$0.77	\$0.0000	2	0	\$0.77	φυ.υυ00	0	\$9.24	φυ.υυ00	2	0.0340%
Total Street Light Only		\$14.36	\$0.0000	17	0	\$14.36	\$0.0000	0	\$177.81	\$0.0000	18	0.3017%
TOTAL CONCUMPTION & DEMANT		e4 405 747 54	60.1111		40.050.400	#4 40F 00F 11	#0.40= 0	450 405 400	#1C 000 100 C1	#0.400 1		100 00000
TOTAL CONSUMPTION & DEMAND		\$1,495,747.51		5,890	13,858,123	\$1,495,235.04		,,	\$16,282,198.61	\$0.1061	5,884	100.0000%
		=========	=====	=====			=====	=========	=========		=====	





RATE REVIEW COMPARISONS - Current to Prior Month and Prior Year

2014 NOVEMBER - BILLII	NG DETE	RMINAT	ES - RATE C	OMPARISON	S TO PRIOR P	ERIODS				
Rate Comparisons to Prior Mo	onth and P	rior Year fo	or Same Period	l						
			Current	Prior Month	Prior Year			Current	Prior Month	Prior Year
	Service	Service	November	October	November	Service	Service	November	October	November
Customer Type	<u>Usage</u>	<u>Units</u>	2014 Rate	2014 Rate	2013 Rate	<u>Usage</u>	<u>Units</u>	2014 Rate	2014 Rate	2013 Rate
		DEOID		'D ((0 : 11	- 4)		DECID		5D /AU 51	* - \
<u>Customer Type -></u>		RESIDI		R - (w/Gas He			RESIDI		R - (All Electr	
Electric Customer Charge			\$6.00	\$6.00	\$6.00			\$6.00	\$6.00	\$6.00
Distribution			\$16.53	\$16.53	\$16.53			\$33.39	\$33.39	\$33.39
Demand			*	*						
Generation	978	kWh	\$63.19	\$82.91	\$73.47	1,976	kWh	\$127.67	\$167.53	\$148.44
kWH Tax- Level 1			\$4.55	\$4.55	\$4.55			\$9.19	\$9.19	\$9.19
kWH Tax- Level 2										
kWH Tax- Level 3										
Takal Flactuia			#00 CT	A400.00	A400.55			#470.07	6040.44	0407.00
Total Electric			\$90.27	\$109.99	\$100.55			\$176.25	\$216.11	\$197.02
Water	6	CCF	\$40.47	\$40.47	¢20.57	11	CCF	¢64.70	PG4 70	\$63.07
	6		· · · · · · · · · · · · · · · · · · ·		\$39.57	11		\$64.72	\$64.72 \$83.53	
Sewer (w/Stm.Sew. & Lat.)	6	CCF	\$59.98	\$59.98	\$54.58	11	CCF	\$83.53		\$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			\$127.95	\$127.95	\$121.65			<i>\$175.75</i>	\$175.75	\$167.35
Total Billiam All Comissos			#010 00	#007.04	#000 00			#250.00	#201 OC	#264.27
Total Billing - All Services Verification Totals->			\$218.22 \$218.22	\$237.94 \$237.94	\$222.20 \$222.20			\$352.00 \$352.00	\$391.86 \$391.86	\$364.37 \$364.37
vernication rotals->			Ψ210.22	Cr.Mo to Pr.Mo	Cr.Yr to Pr.Yr			φ332.00	Cr.Mo to Pr.Mo	Cr. Yr to Pr. Yr
Dollar Chg.to Prior Periods				-\$19.72	-\$3.98				-\$39.86	-\$12.37
% Inc/Dec(-) to Prior Periods				-8.29%	-1.79%				-10.17%	-3.39%
70 IIIO/BCC() to 1 IIOI 1 CIIOGS				0.2370	1.7370				10.17 /0	0.0070
	=====	====:	======	=======		= = = = = = I	=====	======	=======	========
Cost/kWH - Electric	978	kWh	\$0.09230	\$0.11246	\$0.10281	1,976	kWh	\$0.08920	\$0.10937	\$0.09971
% Inc/Dec(-) to Prior Periods				-17.93%	-10.22%				-18.44%	-10.54%
Cost/CCF - Water	6	CCF	\$6.74500	\$6.74500	\$6.59500	2	CCF	\$32.36000	\$32.36000	\$31.53500
Cost/GALLONS - Water	4,488	GAL	\$0.00902	\$0.00902	\$0.00882	1,496	GAL	\$0.04326	\$0.04326	\$0.04216
% Inc/Dec(-) to Prior Periods	,		,	0.00%	2.27%	,		,	0.00%	2.62%
Cost/CCF - Sewer	6	CCF	\$9.99667	\$9.99667	\$9.09667	2	CCF	\$41.76500	\$41.76500	\$38.39000
Cost/GALLON - Sewer	4,488	GAL	\$0.01336	\$0.01336	\$0.01216	1,496	GAL	\$0.05584	\$0.05584	\$0.05132
% Inc/Dec(-) to Prior Periods	,			0.00%	9.89%				0.00%	8.79%
(Listed Accounts Assume SAME	USAGE fo	l or kWH and	Water (CCF) f	or All Billing Perio	<u>ds)</u>					
(One "1" Unit CCF of Water = "F	lundred Cι	ıbic Foot" =	748 Gallons)							

RATE REVIEW COMPARISONS - Current to Prior Month and Prior Year

2014 NOVEMBER - BILLII										
Rate Comparisons to Prior Mo										
·										
			Current	Prior Month	Prior Year			Current	Prior Month	Prior Year
	Service	Service	November	October	November	Service	Service	November	October	November
Customer Type	<u>Usage</u>	<u>Units</u>	2014 Rate	2014 Rate	2013 Rate	Usage	Units	2014 Rate	2014 Rate	2013 Rate
Customer Type ->	C	OMMERC	IAL USER -	(3 Phase w/De	emand)		NDUSTRI	AL USER - (3 Phase w/Den	nand)
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	\$15,243.80	\$19,147.06	\$13,898.76
Generation	7,040	kWh	\$558.84	\$742.02	\$619.10	866,108	kWh	\$31,389.93	\$43,575.65	\$41,469.27
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			\$700.16	\$883.34	\$760.42			\$57,166.39	<i>\$73,255.37</i>	\$65,900.69
Water	25	CCF	\$129.82	\$129.82	\$126.07	300	CCF	\$1,465.51	\$1,420.51	\$1,420.51
Sewer (w/Stm.Sew. & Lat.)	25	CCF	\$150.87	\$149.47	\$138.94	300	CCF	\$1,446.12	\$1,444.72	\$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			\$295.19	\$293.79	\$279.51		-	\$3,246.63	\$3,200.23	\$3,115.45
			Ψ200770							
Total Billing - All Services			\$995.35	\$1,177.13	\$1,039.93			\$60,413.02	\$76,455.60	\$69,016.14
Verification Totals->			\$995.35	\$1,177.13	\$1,039.93			\$60,413.02	\$76,455.60	\$69,016.14
				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				-\$181.78	-\$44.58				-\$16,042.58	-\$8,603.12
% Inc/Dec(-) to Prior Periods				-15.44%	-4.29%				-20.98%	-12.47%
==========			======	=======		_ = = = = =		======	=======	======
Cost/kWH - Electric	7,040	kWh	\$0.09945	\$0.12547	\$0.10801	866,108	kWh	\$0.06600	\$0.08458	\$0.07609
% Inc/Dec(-) to Prior Periods	,		*	-20.74%	-7.93%	1 ,		***************************************	-21.97%	-13.26%
Cost/CCF - Water	6	CCF	\$21.63667	\$21.63667	\$21.01167	250	CCF	\$5.86204	\$5.68204	\$5.68204
Cost/GALLONS - Water	4,488	GAL	\$0.02893	\$0.02893	\$0.02809	187,000		\$0.00784	\$0.00760	\$0.00760
% Inc/Dec(-) to Prior Periods	,		·	0.00%	2.97%	,		·	3.17%	3.17%
Cost/CCF - Sewer	6	CCF	\$25.14500	\$24.91167	\$23.15667	250	CCF	\$5.78448	\$5.77888	\$5.43976
Cost/GALLON - Sewer	4,488	GAL	\$0.03362	\$0.03330	\$0.03096	187,000	GAL	\$0.00773	\$0.00773	\$0.00727
% Inc/Dec(-) to Prior Periods				0.94%	8.59%				0.10%	6.34%
(Listed Accounts Assume SAME										
(One "1" Unit CCF of Water = "H						1				
Tone I Onit Ool Ol Water = F										

Electric Department Report October 2014

There were 7 callouts/outages during the month of October. 2 callouts were to turn on power for customers. 1 callout was to replace a pole snapped by high winds. 1 outage was caused by a tree limb rubbing through the secondary service. 1 callout was due to a shorted outlet in Ritter park shelter house. 1 outage was due to a bad pole transformer. 1 callout was due to a customer problem behind the meter.

Line Department / Service Truck: Line crews installed a URD in Anthony Wayne acres and completed new service and metering for Custom AG on road R, performed shutoffs, replaced a service at Pro-team on North Scott street. Crews also attended OSHA safety training, upgraded a service on road M-2, removed poles and anchors on ST. RT. 110 for ODOT project. and replaced a pole on Rd. T east of 13. Line crews replaced street light poles on Kennilworth, installed 3 temporary services for Pumpkin Festival at Central School, Installed a 3 phase service on road W, took down large tree over 3 phase on Beckham and helped tree crew with tree removal on Glenwood Avenue in front of Glenwood Cemetary. The Service Truck completed work orders and locates.

Substation Department: Todd and Nikk worked on a cooling fan and floors at Industrial Substation, filled nitrogen bottles, met with consulting engineers for main relay upgrades in substations and replaced the battery charger at Southside Substation. They also performed monthly inspections and routine maintenance/mowing at all substations

Forestry Department: Jamie Howe and Jerry Courtney performed tree maintenance on Rd T, West end alleys, Glenwood, Northcrest, Co. Rd. 15, Anthony Wayne Subdivision, Rd. 18, Alley behind Bullseye Motors, alley South and East of Azul's off East Riverview, boat ramp hillside, Rd. Z, 903 West Main, Robinwood and Haley. They also helped line crews as needed.

Storeroom/Inventory/Metering Department: Shawn Druhot read meters, cleaned and counted inventory and mowed operations outside fence. Shawn also ordered inventory, and is working on OSHA compliant FR rain gear.

The Peak Load for October, 2014 was 21.26 MW occurring on the 31st at 8;30 AM. This was a decrease of 1.56 MW from October, 2013. The average load for October, 2014 was 17.07 MW. This was a decrease of .48 MW from October 2013. JV 2 and JV 5 ran on 10/21/2014 and produced 3.6 MW each. The Gas Turbines did not run in October. The AMP Solar Field showed a peak of 3.54 MW and the KWH output was 337,567.63.

City of Napoleon, Ohio



SUMMARY OF OCTOBER 2014 OUTAGE/STANDBY CALL-OUTS

October 2, 2014:

One employee was dispatched from City Hall at 3:20 p.m. to turn on electric at four various locations.

October 2, 2014:

One employee was dispatched at 7:20 p.m. from the Police Department & Dennis Clapp to turn on electric at 1085 Becca Lane.

October 4, 2014:

Electric personnel were dispatched at 6:57 p.m. to 625 Arden Court due to a power outage. The outage lasted one hour and affected one customer. The outage was due to a tree limb that rubbed through the electric wire. The personnel repaired the wire.

October 4, 2014:

Electric personnel were dispatched at 7:15 p.m. to Ritter Park Shelter House due to an outlet that was smoking. The personnel changed out the outlet.

October 11, 2014:

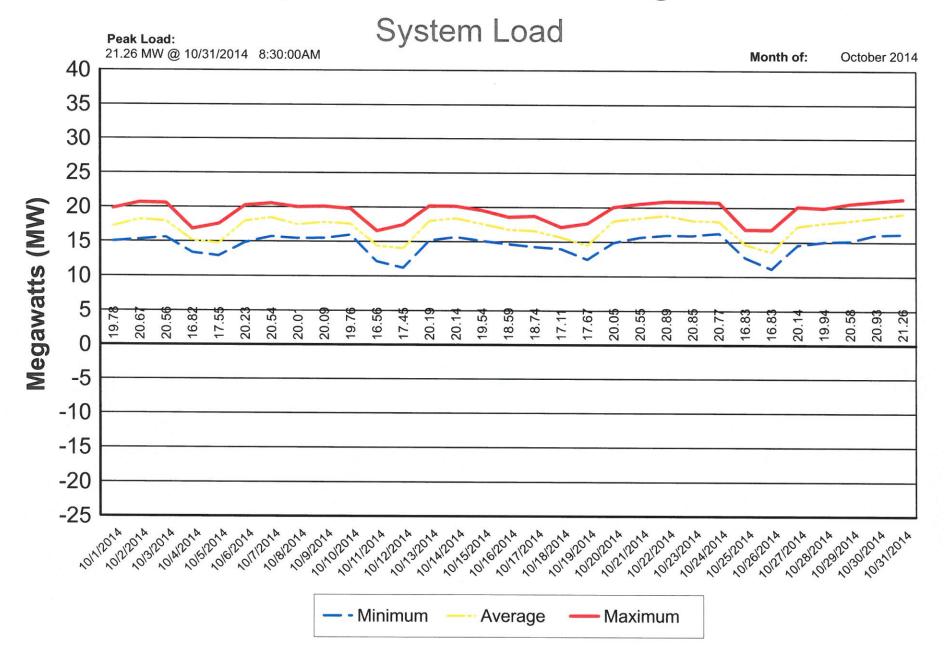
Electric personnel were dispatched at 5:51 p.m. to 1108 W. Riverview Ave. due to a power outage. The outage was due to the customer's problem on the inside of the house.

October 14, 2014:

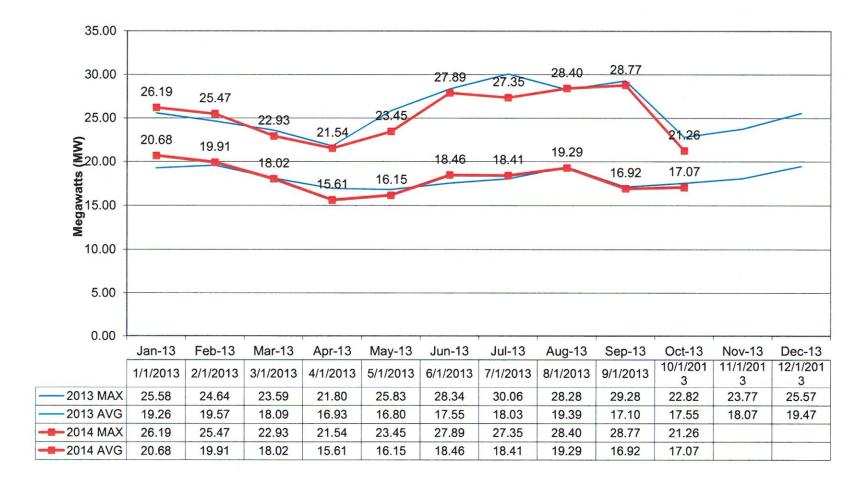
Electric personnel were dispatched at 3:05 a.m. to 12-119 County Road O3 due to a power outage. The outage lasted one hour and thirty minutes and affected one customer. The outage was due to a bad transformer. The personnel replaced the transformer.

October 14, 2014:

Electric personnel were dispatched at 4:37 a.m. to County Road T east of County Road 13 due to high winds that broke an electric pole. The personnel secured the broken pole with the auger truck.



NAPOLEON POWER & LIGHT



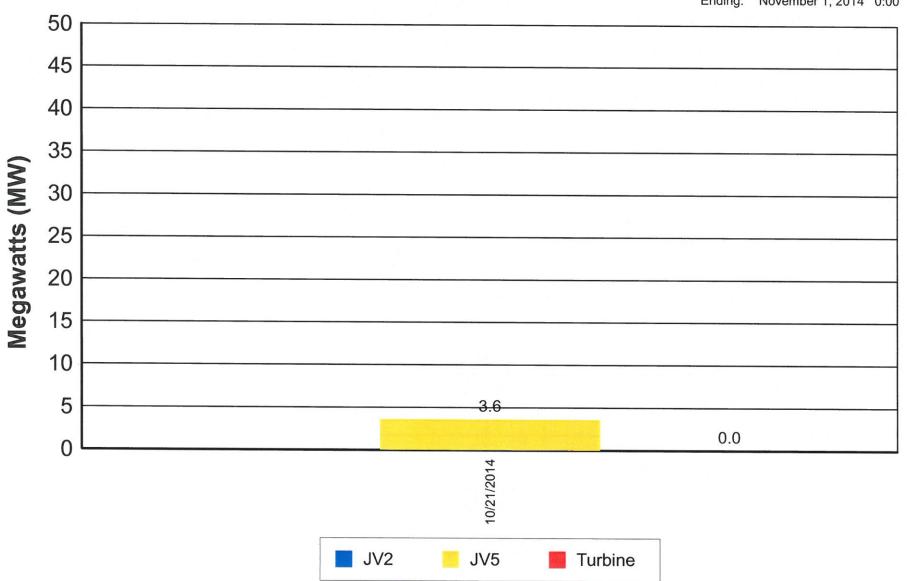


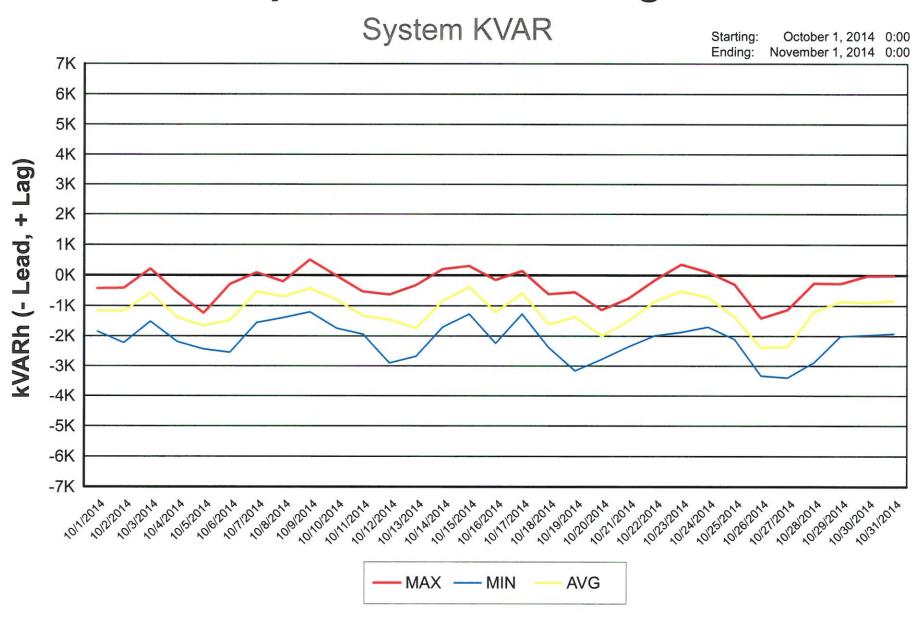
^{** 900-1400} residential homes served / MW average load

^{** 300-800} residential homes served / MW peak load

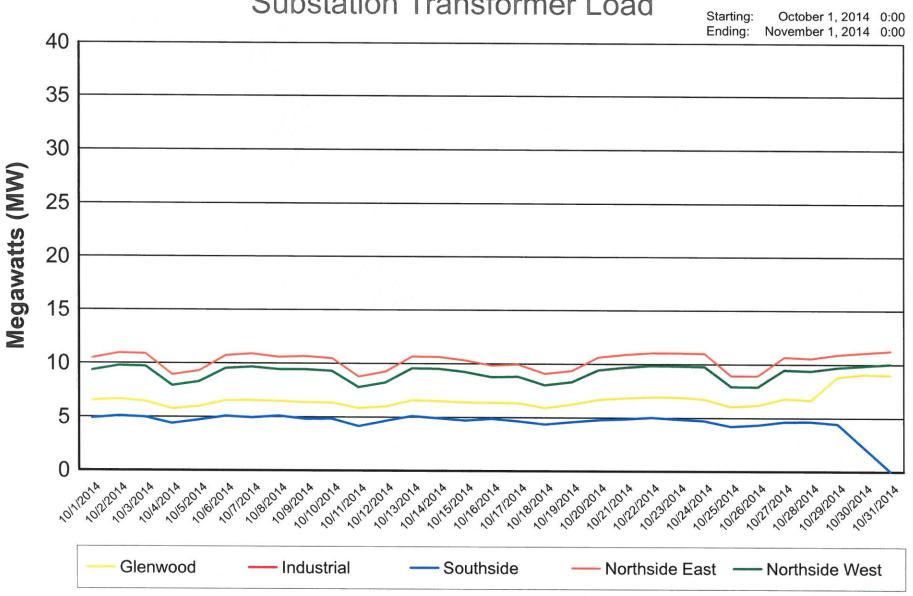


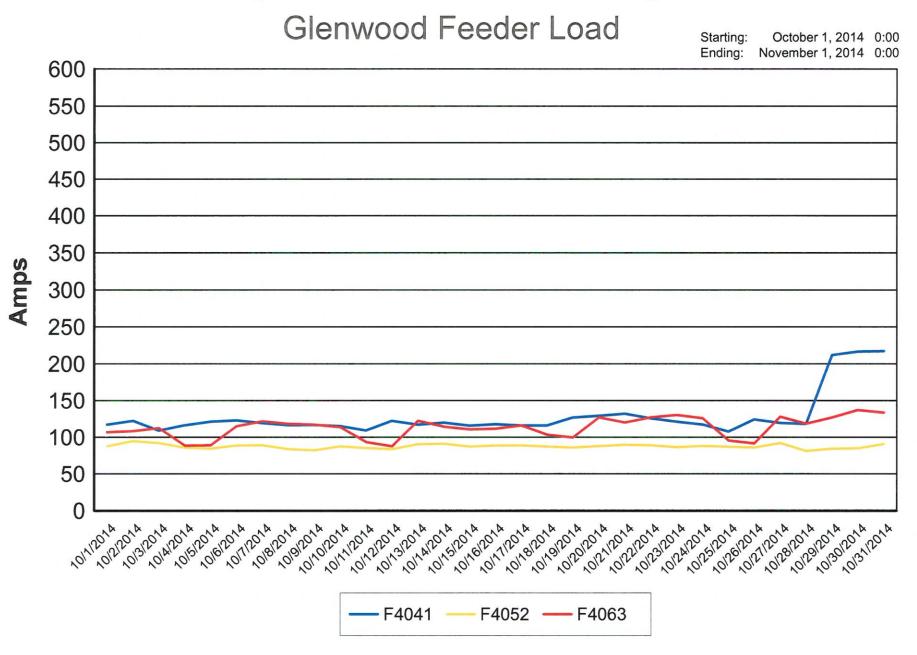
Starting: October 1, 2014 0:00 Ending: November 1, 2014 0:00

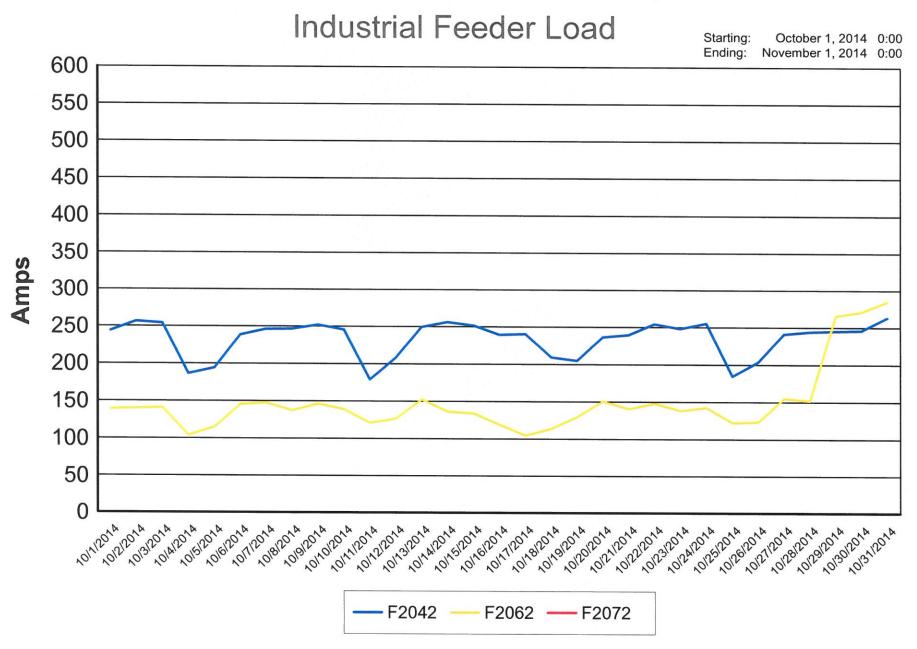




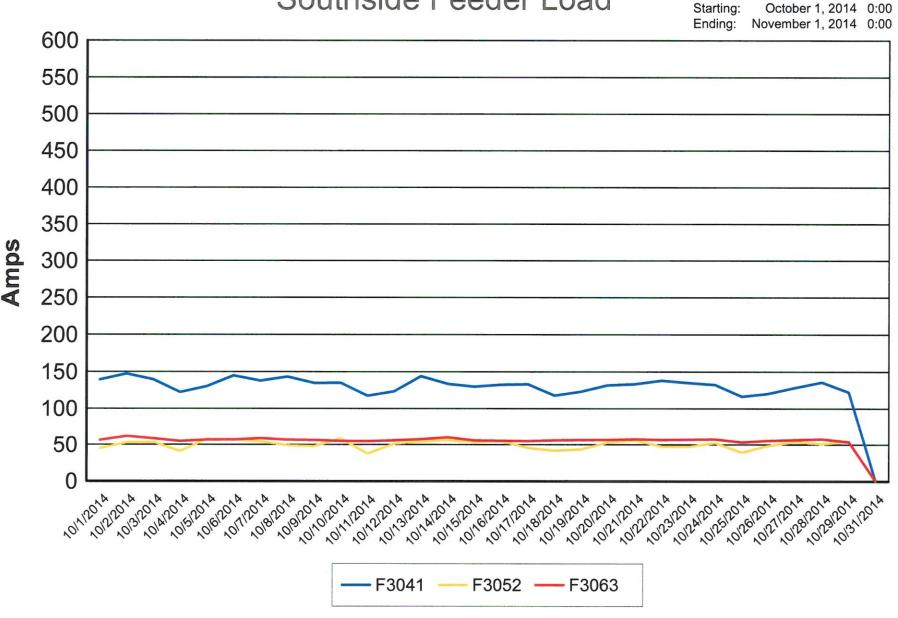
Substation Transformer Load



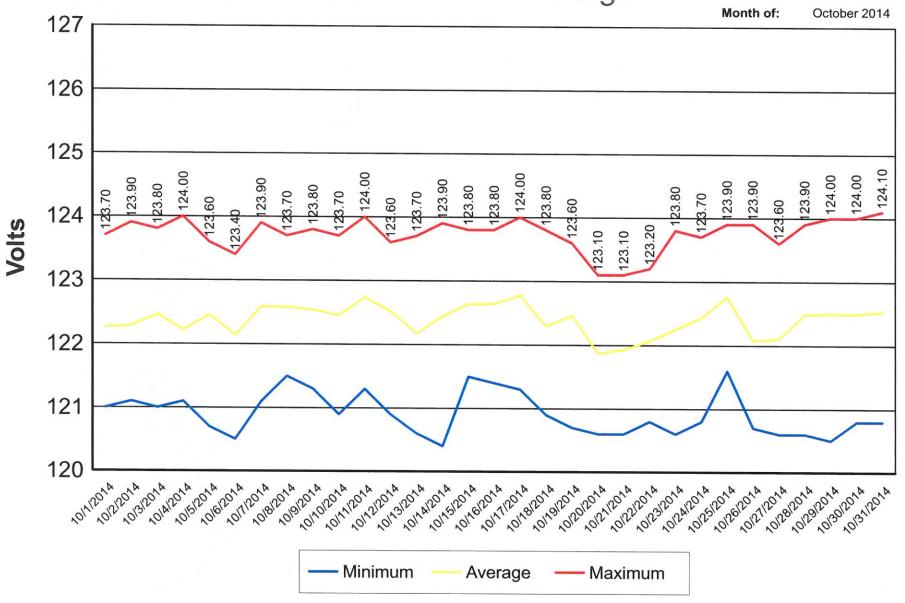




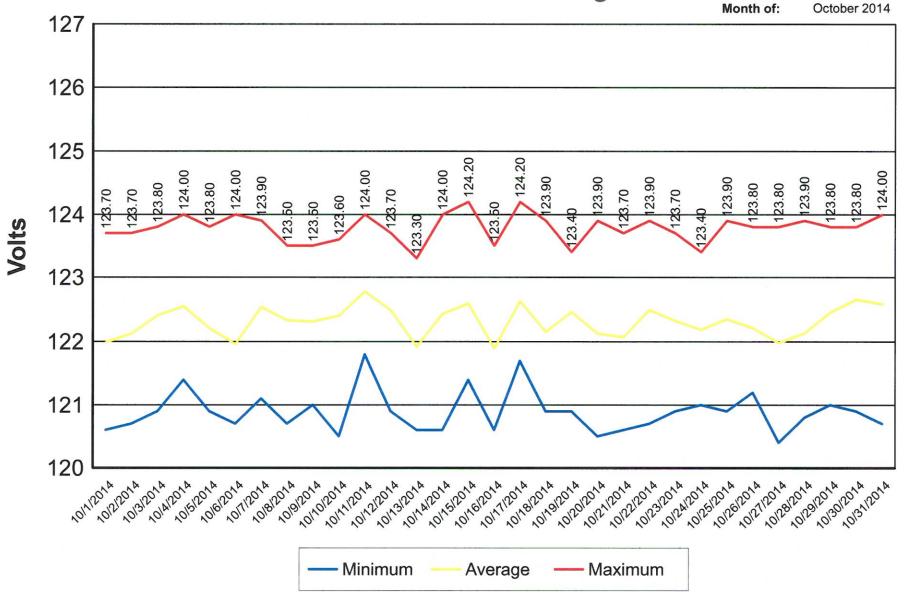




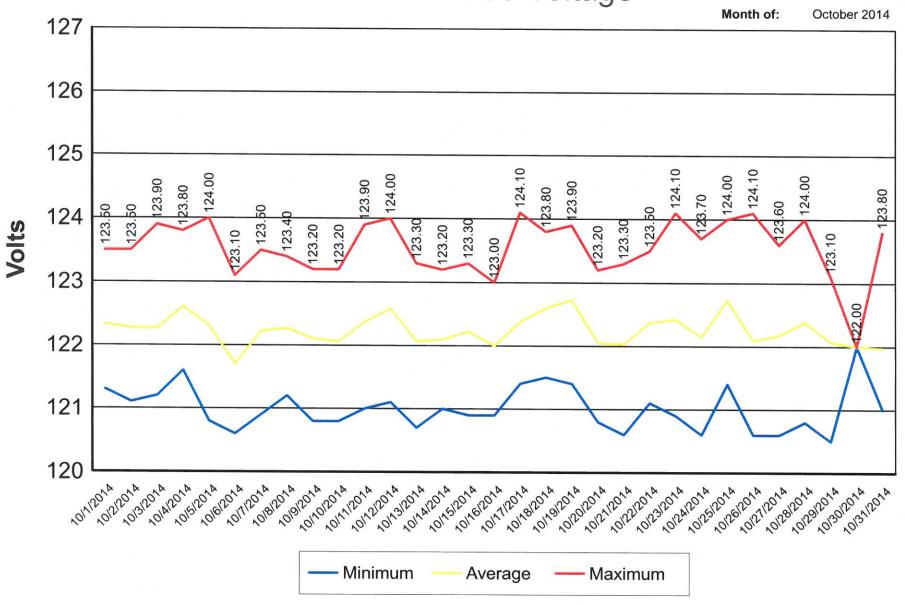
Glenwood Voltage

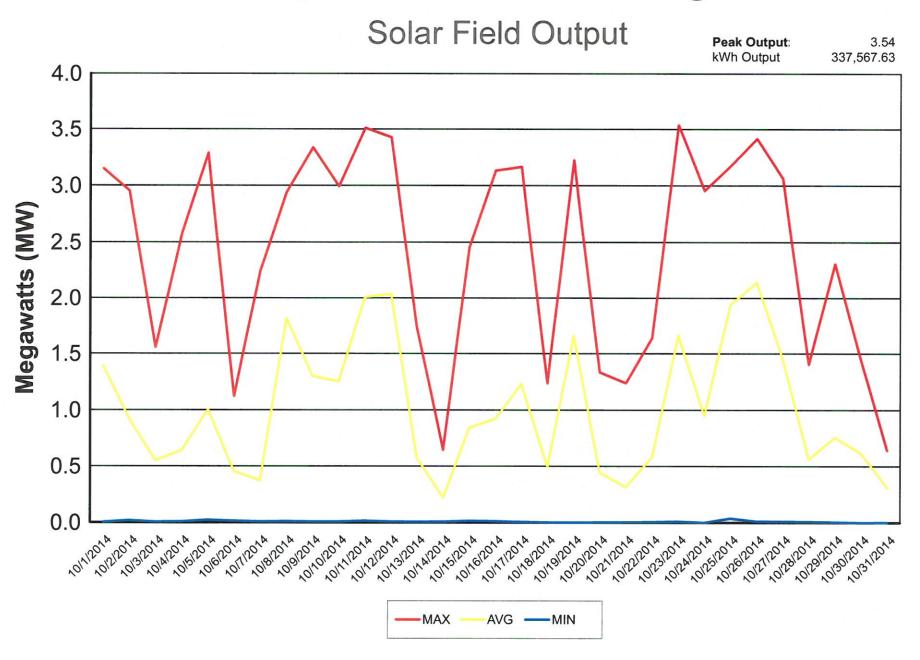


Industrial Voltage



Southside Voltage







Efficiency Smart 2014 Contract Cumulative to Date Summary Report for City of Napoleon

Reporting Period: 1/1/2014 through 9/30/2014

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	788	811	12,148	\$71,122	\$1,097,117	\$27,100
Prescriptive Rebates	300	57	611	\$4,617	\$52,423	\$3,990
Residential	2,753	95	779	\$8,308	\$79,861	\$7,805
Total	3,841	962	13,539	\$84,048	\$1,229,401	\$38,895

Summary of Residential Installed Efficiency Measures

Measure Desc	MWh Savings	Annual Customer Savings	Rebates Paid Program to Date
Dehumidifier	0	\$31	\$40
Energy Star CEE Tier 1 refrigerator, incremental cost	0	\$18	\$50
Energy star refrigerator	2	\$283	\$1,000
Energy Star washer	5	\$1,158	\$1,000
Free CFL screw-base bulb	62	\$4,583	\$4,905
Freezer early retirement program, secondary	7	\$594	\$230
Refrigerator early retirement program, secondary	18	\$1,642	\$580
Total	95	\$8,308	\$7,805

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	City of Napoleon	43545	Ryan Fry	Lighting Hardwired	LED 1x4 Recessed Light Fixture	18	\$1,537	\$1,507	July 2014
				Fixture	LED 2x2 Recessed Light Fixture	2	\$142	\$3,000	September 2014
					LED 2x4 Recessed Light Fixture	112	\$8,538	\$1,393	July 2014
					LED Wall-Mount Area Fixture (WallPack)	8	\$617	\$0	September 2014
					Linear fluorescent T8	1	\$110	\$0	May 2014
					Linear fluorescent T8, super	3	\$259	\$200	May 2014
	Keller Warehousing & Distribution, LLC	43545	Fry/Carl	Lighting Efficiency/Controls	Lighting system, interior power density reduction	531	\$47,857	\$15,636	August 2014
			Andre	Lighting Hardwired Fixture	LED Wall-Mount Area Fixture (WallPack)	10	\$970	\$364	August 2014

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	St. Paul Lutheran Church and School		Justin Kale/Carl	Lighting Hardwired Fixture	New Super T8 Industrial/Strip	8	\$679	\$503	September 2014
			Andre		Relamp/Reballast to Super T8	117	\$10,412	\$4,497	September 2014
	Total					811	\$71,122	\$27,100	
Prescriptive Rebates	Cordes Chiropractic Center	43545	Amy Kish	Light Bulb/Lamp	LED 4' Linear Replacement Lamp	2	\$173	\$125	September 2014
	Harley Davidson Sales, Inc.	43545	Sean Clement	Light Bulb/Lamp	LED Screw Base Lamp	54	\$4,444	\$3,865	April 2014
	Total					57	\$4,617	\$3,990	
Total						867	\$75,739	\$31,090	

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
Automatic Feed Company	5301-6506	Automatic Feed Company - Lighting - November 2013 - Plant	ACTIVE	Justin Kale	Customer Agreement	67.0	\$4,000	12/31/2014
City of Napoleon - Waste Water Treatment Plant	5950-6153	Benchmarking Napoleon WWTP	ACTIVE	Claus Eckert	Benchmarking Opportunity	0.0	\$0	1/31/2015
Cloverleaf Cold Storage	5301-7461	Cloverleaf Cold Storage - Lighting - June 2014	ACTIVE	Justin Kale	Rebate / Close Out	127.0	\$4,000	11/30/2014
Henry County Courthouse	5201-7803	Henry Co Courthouse- Motors- Aug 2014- Chiller/Pump Replacement	ACTIVE	Justin Kale	Analysis to Recommendation	200.0	\$0	12/18/2014
Henry County Courthouse	5950-6214	Benchmarking Henry County Courthouse	ACTIVE	Claus Eckert	Benchmarking In Progress	0.0	\$0	5/30/2014
Henry County Highway Garage	5201-7931	Henry County Highway Garage - Lighting - September 2014-7019	ACTIVE		Analysis to Recommendation	33.0	\$1,300	12/18/2014
Henry County Hospital	5201-7762	Henry County Hospital - HVAC - August 2014 - New RTU	ACTIVE	Justin Kale	Rebate / Close Out	25.0	\$1,150	11/30/2014
Active Projects			7			452	\$10,450	***

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
Hahn Center	5000-5485	Hahn Center - Lighting Retrofit - June 2013 - Facility Wide	ACTIVE	Carl Andre	PreQualified	80.0	\$0	11/28/2014
Henry County Hospital	5000-7014	Henry County Hospital-Multi-February 2014-Napoleon- Initial	ACTIVE	Carl Andre	Identify Opportunity	70.0	\$0	4/9/2015
Maumee Valley Restorations	5000-6039	Maumee Valley Restorations - Lighting - Sept2013 - Facility W	ACTIVE	Carl Andre	Identify Opportunity	5.0	\$0	10/23/2014
Napoleon Area City Schools		Napoleon City Schools- New Construc- Aug 2013- Jr High & High	ACTIVE	Carl Andre	Request Tech Assist	125.0	\$0	7/2/2015
Napoleon Area City Schools	5000-5581	Napoleon City Schools- New Construc - Aug2013- PK-6 Elementary	ACTIVE	Carl Andre	Tech Assist OK	100.0	\$0	7/2/2015
RailTech Boutet, Inc	5000-5698	Railtech - T8 Lighting - March 2014 - Facility Wide	ACTIVE	Carl Andre	Rebate Estimate Provided	52.0	\$2,500	12/16/2014
Active Opportunities			6			432	\$2,500	

Companies with Terminated or Stalled Projects (Commercial & Industrial)

Company Name	Job-Project	Project Title	Status	Termination Date	Termination Reason	Manager
Best Western Napoleon Inn & Suites	5201-5910	Best Western - Refrigeration Cases - August 2013	TERM	1/17/2014	No customer response	Ryan Calkins
City of Napoleon - Waste Water Treatment Plant		Napoleon Waste Water Treatment Plant - T8 Lighting - April 2014	TERM	1/17/2014	Duplicate effort	Ryan Fry
Koester Corporation	5300-6255	Koester Corp - Lighting New Construction - October 2013	TERM	1/17/2014	No customer response	Ryan Fry
Terminated or Stalled Projects			3	***************************************		

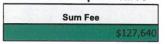
Companies with Terminated Opportunities (Commercial & Industrial)

Company Name	Job-Project	Opportunity Title	Status	Termination Date	Termination Reason	Manager
City of Napoleon	5000-6509	Napoleon City Hal - LED/T8 Lighting - November 2013	TERM	1/17/2014	Duplicate effort	Carl Andre
Cloverleaf Cold Storage	5000-1264	Cloverleaf Cold Storage-Motors/VFD- April 2011, Napoleon	TERM	1/17/2014	No customer response	Carl Andre
Cloverleaf Cold Storage	5000-6195	Cloverleaf Cold Storage - Lighting - October 2013	TERM	1/17/2014	No customer response	Carl Andre
Cloverleaf Cold Storage	5000-6967	Cloverleaf Cold Storage - Interior Lighting HP T8 - January 2014	TERM	1/17/2014	No customer response	Carl Andre
Filling Homes	5000-7239	Filling Homes - LED Lighting - April 2014 - Napoleon	TERM	1/17/2014	No customer response	Carl Andre
Henry County Courthouse	5000-5482	Henry County Courthouse - Lighting and Controls - June 2013	TERM	1/17/2014	Did not meet customer criteria	Marvin Davis
Henry County Courthouse	5000-5865	Henry County Courthouse - Elevator Upgrade - February 2014	TERM	1/17/2014	Did not meet technical eligibility requirements	Carl Andre
Henry County Senior Center	5000-7015	Henry County Senior Center - Refrigeration - Feb 2014 - Cooler	TERM	1/17/2014	No customer response	Carl Andre
Kurtz Ace Hardware	5000-6040	Kurtz Hardware - T8 Lighting -September 2013 - Facility Wide	TERM	1/17/2014	Customer satisfied without project	Carl Andre
Living Waters Tabernacle	5000-6033	Living Waters -T8 Lighting - September 2013 - Facility Wide	TERM	1/17/2014	Financial constraints	Marvin Davis
Terminated Opportunities			10		50 50 50 50 50 50 50 50 50 50 50 50 50 5	

Cumulative Goals

3-Year MWh Goal	MWh Savings	% of 3-Year MWh Goal	
2,455	1,132	46%	

Cumulative Expenditures



^{*}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.

EcoSmart Choice Program FIRST AMENDMENT TO PARTICIPATING MEMBER SCHEDULE

A Schedule to American Municipal Power, Inc.,

and

City of Napoleon, OH

Master Service Agreement No. C-11-2005-4440

This First Amendment to the Participating Member Schedule (the "Schedule") between AMP and the City of Napoleon (the "Participating Member") has been agreed upon as of _______, 2014 (the "Effective Date"). This Schedule is a schedule under the Master Services Agreement referenced above ("MSA") the terms and conditions of which shall apply to all transactions hereunder unless specifically set forth to the contrary herein.

Capitalized terms used herein but not defined in the MSA shall have the meaning set forth in Section 8 of this Schedule.

Recitals

WHEREAS, AMP has created the *EcoSmart Choice* Program to provide a renewable energy product that the City can sell to their customers supported by the purchase and retirement of Renewable Energy Certificates from renewable energy resources, including but not limited to, wind, hydroelectric, solar, biomass, and landfill gas to Participating Members;

WHEREAS, Participating Member enrolled in the *EcoSmart Choice* program under AMP Contract No. C-9-2012-9284 and extended its participation through automatic renewals.

WHEREAS, Participating Member desires to continue to acquire and AMP desires to continue to provide *EcoSmart Choice* services pursuant to this Schedule consisting of Branded Products, on terms and conditions, as set forth herein, which have been updated since the initial *EcoSmart Choice* contract went into effect and, thus,

this First Amendment to the Participating Member Schedule amends and restates all of the terms and conditions set forth in the initial Participating Member Schedule;

WHEREAS, AMP will supply *EcoSmart Choice* product (in MWhs) to the Participating Member and will purchase and retire an equivalent amount of Renewable Energy Certificates (in MWhs) at the conclusion of the program year (referred to as Annual True-up Procedures); and

WHEREAS, pursuant to the terms and conditions identified in Exhibit B, attached hereto, AMP will award Sustainability Grants for approved sustainability projects by Participating Member;

NOW THEREFORE, in consideration of the promises, mutual covenants and conditions set forth herein, and for other good and valuable consideration, the receipt and sufficiency of which is acknowledged, and intending to be bound hereby, the Parties agree as follows:

1. Enrollment Set Up

Within thirty (30) days of the Effective Date of this Schedule, the Participating Member shall coordinate with AMP to establish enrollment services, usage tracking procedures and billing templates with regard to the Branded Products, consistent with the quality standards the Participating Member employs for its other electric services. If direct mail is chosen as a Marketing material, Participating Member shall supply AMP with customer lists within thirty (30) days of the Effective Date. AMP strongly suggests that the monthly premium included in the price of a Branded Products is stated on the Customer's monthly bill, but this Schedule does not require the same.

2. Marketing The Branded Product

2.1 <u>Approvals and Marketing</u>. Within sixty (60) days of the Effective Date of this Schedule, AMP shall provide initial Marketing materials to the Participating Member in order to Market the *EcoSmart Choice* Program and the Branded Products to the Participating Member's potential Customers. Marketing materials shall be mutually agreed upon by AMP and Participating Member, but shall not include TV or video service, or other third party services that require additional cash payments from AMP.

The Participating Member shall use commercially reasonable efforts to (i) inform its Customers of the *EcoSmart Choice* Program and (ii) assist AMP in any efforts it may take to Market the *EcoSmart Choice* Program and the Branded Products to the Participating Member's Customers. The Branded Products shall be Marketed and sold to Customers under the licensed Mark "*EcoSmart Choice*" and pursuant to the *EcoSmart Choice* Program and the terms and conditions of AMP's approved Brand Standards.

- 2.2. <u>Compliance with Law; Product Names</u>. Each Party will offer and Market the Branded Products and the *EcoSmart Choice* Program, as applicable, in compliance with all applicable laws. The Branded Products shall be referred to as "*EcoSmart Choice*" renewable energy product, and in all materials in which the *EcoSmart Choice* Mark is used, *EcoSmart Choice* shall be identified as a registered trademark of AMP.
- 2.3 <u>License of Marks</u>. Participating Member shall have a royalty-free non-exclusive license to use the *EcoSmart Choice* Mark solely for the purposes of participating in the *EcoSmart Choice* Program and in accordance with the terms of this Schedule.

3. Rates.

- 3.1 Rates. The rate of the Branded Products shall be calculated as follows: (i) an amount equal to the product of 0.5 Cents (\$0.005) multiplied by the aggregate number of kWhs of the Customer Load set forth in the Monthly Report for the Blended Renewable Product sold to Customers, rounded to the nearest cent; plus (ii) an amount equal to the product of 5 Dollars (\$5.00) multiplied by the number of MWhs of Customer Load set forth in the Monthly Report for the Commercial Block Product sold to Customers.
- 3.2 <u>Rate Adjustment.</u> AMP may adjust at any time the rates set forth in Section 3.1 to reflect any increases or decreases in the cost of the RECs purchased by AMP, or the market value of any AMP owned RECs provided by AMP and assigned to the EcoSmart Choice program to fulfill its obligations hereunder. Participating Member will receive notice at least ninety (90) days before AMP adjusts the rates set forth in Section 3.1.

4. <u>Sale of Branded Products to Customers; Reporting; Invoicing; and Remittances.</u>

- 4.1 <u>Sale of Branded Products to Customers</u>. The Participating Member shall offer for sale and sell the Blended Renewable Product and the Commercial Block Product to Customers, in each case at a rate for each kWh (or each MWh) of the Customer Load for such Branded Product equal to the sum of an amount not to exceed: (i) the customers' applicable rate per kWh (or per MWh) set forth in the Participating Member's otherwise applicable rate schedule, plus (ii) the rates set forth in Section 3.1.
- days after the end of each calendar month, the Participating Member will deliver to AMP a report (the "Monthly Report") indicating, for that Participating Member: (i) the total number of Customers enrolled to purchase the Branded Products during such immediately preceding calendar month; (ii) for each Branded Product, the actual or estimated Customer Load for such month in the aggregate expressed in kWhs for the Blended Renewable Product and MWhs for the Commercial Block Product; (iii) the number of new Customers that enrolled, and the number of Customers that cancelled enrollment, during the immediately preceding calendar month, and the reason (if available) for any such cancellations; and (iv) such other enrollment, cancellation and Customer information as mutually agreed to by the Parties.
- 4.3 Invoices to Participating Member. Subject to the terms and conditions of this Schedule and the MSA, and pursuant to Section 3 herein, within thirty (30) calendar days of receipt of the Monthly Report, AMP shall invoice the Participating Member for the purchase of the Branded Product ("Monthly Invoice") (i) for each kWh in the Customer Load for Blended Renewable Product sold to the Participating Member at a per kWh rate equal to \$0.005 per kWh (or \$5.00 per MWh) and (ii) for each MWh in the Customer Load for the Commercial Block Product (as a block product) sold to the Participating Member at a per MWh rate equal to \$5.00 per MWh in accordance with this Schedule and the MSA, adjusted as set forth in Section 3.2 herein.
- 4.4 <u>Monthly Remittance of Participating Member to AMP.</u> Subject to the terms and conditions of this Schedule and the MSA, and pursuant to Section 3 herein, within

thirty (30) calendar days of receipt of the Monthly Invoice, the Participating Member shall remit to AMP the amount in the Monthly Invoice for the purchase of the Branded Product ("Monthly Remittance").

5. Purchase and Retirement of RECs.

Pursuant to the terms and conditions of the MSA and this Schedule and during its term, at the end of each calendar year during the term of the agreement, AMP shall conduct an Annual True-Up Procedure whereby, on behalf of the Participating Member, AMP shall purchase an amount of RECs ("Purchased RECs") equal to the Customer Load but not to exceed the amount remitted to AMP during the Reporting Period. All such Purchased RECs will represent energy (measured in kWh or MWh) generated by appropriate resources during the Reporting Period as determined by AMP. Purchased RECs shall be matched with the Customer Load as set forth herein and AMP shall retire the Purchased RECs as soon as practically possible. In no event shall any such RECs be resold or claimed by AMP or the Participating Member for any purpose other than the *EcoSmart Choice* Program.

6. Term and Termination

- 6.1 <u>Term.</u> Subject to termination of this Schedule pursuant to the terms set forth herein, the initial term of this Schedule shall commence as of the Effective Date hereof and shall expire on December 31, 2016 (generally approximately two years following execution). Following the initial term, this Schedule shall be renewed for additional two-year terms, each subject to termination pursuant to the terms and conditions set forth herein, unless a Party notifies the other Party of its desire not to renew this Schedule at least ninety (90) calendar days prior to the end of any term.
- 6.2 <u>Termination.</u> Prior to the expiration of any term, this Schedule may be terminated in the event of the occurrence of any of the following events: (i) pursuant to the terms and conditions of Section 6.1 herein, upon the occurrence of a Regulatory Event; (ii) by mutual written agreement of the Parties; and (iii) upon AMP's material failure to provide RECs in accordance with Section 4 hereof.

7. Regulatory Event

Upon the occurrence of a Regulatory Event, the adversely affected Party shall within thirty (30) calendar days give notice to each of the other Party that such event has occurred. Within ten (10) calendar days, or such other period as the Parties may agree to in writing, each Party will enter into good faith negotiations with the other Party to amend or replace this Schedule. In the case of a Regulatory Event, the Parties shall attempt to amend this Schedule so that the adversely affected Party is restored as nearly as possible to the economic position it would have been in but for the occurrence of the Regulatory Event. In either case, if the Parties are unable, within thirty (30) calendar days of initiating negotiations, or such other period as the Parties may agree to in writing, to agree upon an amendment to this Schedule, the adversely affected Party shall have the right, upon subsequent additional fifteen (15) calendar days prior written notice, to terminate this Schedule.

8. Force Majeure.

Other than the obligation to make payments for completed performance, a Party shall not be considered to be in default of its obligations hereunder, if its failure results directly from a Force Majeure event. In the event that a Party is unable, wholly or in part, to meet its obligations under this Schedule due to a Force Majeure event, the obligations of such Party, so far as they are affected by such Force Majeure, shall be excused from the inception throughout the period of continuance of the Force Majeure. In the event any Party hereto is rendered unable, wholly or in part, by Force Majeure to carry out its obligations hereunder, it is agreed that upon such Party's (the "Claiming Party") giving notice and full particulars of such Force Majeure to each of the other Party as soon as reasonably practicable, using best efforts to provide notice within three (3) business days, after becoming aware of the cause relied upon, such notice to be confirmed in writing to each of the other Parties, then the obligations of the Claiming Party shall, other than the obligation to make payments due hereunder, and to the extent they are affected by such Force Majeure, be suspended during the continuance of said inability but for no longer period. In the event a Party receiving such notice of an event of Force Majeure objects to or disputes the existence of an event of Force

Majeure, such receiving Party shall send notice to each the other Parties of such objection or dispute of the existence of an event of Force Majeure as soon as reasonably practicable following receipt of such notice of an event of Force Majeure. The Claiming Party affected by an event of Force Majeure shall use commercially reasonable efforts to fulfill its obligations hereunder and to remove any disability caused by such event at the earliest practicable time.

9. Customer Complaints.

If a Party receives a complaint from a Customer or potential Customer, or a complaint is filed with a governmental or regulatory authority, regarding the *EcoSmart Choice* program provided under this Schedule, such Party will, as soon as possible and in no event later than five (5) Business Days of receiving notice of the complaint, give the other Party notice of the complaint. The Participating Member shall, at its expense, be responsible for handling all Customer complaints related to the Branded Products; provided, however, the Participating Member may request AMP to assist it with any Customer complaints. The Parties will work expeditiously and in good faith to share information about the complaint and the facts giving rise to the complaint.

10. Definitions.

"Annual True-Up Procedures" means AMP's process of balancing the total amount of MWh sold by Participating Members under the *EcoSmart Choice* program in a given calendar year with an equal amount of Renewable Energy Certificates, which are purchased and retired by AMP.

"Blended Renewable Product" means a product consisting of RECs, purchased by AMP and retired by AMP on behalf of Customers, from a variety of renewable energy resources to be Marketed to potential residential Customers under the licensed Mark "EcoSmart Choice", pursuant to the EcoSmart Choice Program and the terms and conditions set forth in this Schedule. The Blended Renewable Product shall match a percentage of kWhs/MWhs of a Customer's energy usage for the specified period of time. At the option of the Participating Member, the Customer shall have a choice of receiving Blended Renewable Product equal to twenty-five percent (25%), fifty percent

(50%), seventy-five percent (75%), or one hundred percent (100%) of the Customer's energy usage.

"Branded Products" means the Blended Renewable Product and the Commercial Block Product.

"Commercial Block Product" means a product consisting of RECs, purchased by AMP and retired by AMP on behalf of Customers, from a variety of renewable energy resources to be Marketed in blocks of one (1) MWh to potential load-profiled, commercial or industrial potential Customers under the licensed Mark "EcoSmart Choice", pursuant to the EcoSmart Choice Program and the terms and conditions set forth in this Schedule.

"Customer Load" means the aggregate amount of energy, expressed in kWhs and/or MWhs, as applicable, delivered to Customers purchasing the Branded Products, as measured at such Customers' meters by the Participating Member serving such Customers over a specified period of time.

"Customers" means all eligible retail customers of the Participating Member who purchase any of the Branded Products from the Participating Member.

"EcoSmart Choice Program" means the retail REC program jointly entered into by the Parties to promote, Market and sell the Branded Products to potential Customers, pursuant to the terms and conditions of this Schedule.

"Mark" means the "EcoSmart Choice" name and trademark, attached as Exhibit A or as subsequently updated or revised, owned by AMP and registered with the United States Patent and Trademark Office.

"Market", "Marketed" or "Marketing" means customer communications and outreach activities associated with increasing and maintaining purchases of the Branded Products by potential and current Customers.

"Monthly Invoice" has the meaning set forth in Section 4.3 above.

"Monthly Report" has the meaning set forth in Section 4.2 above.

"Purchased RECs" has the meaning set forth in Section 5 above.

"Regulatory Event" shall mean any of the following events hereunder: (i) due to the adoption of, or change in, any applicable law, or in the interpretation of any applicable law by any judicial or government authority with competent jurisdiction, it becomes unlawful for a Party to perform any obligation under this Schedule; (ii) any regulatory agency or court having jurisdiction over this Schedule requires a material change to the terms of this Schedule that materially and adversely affects a Party's ability to perform hereunder; (iii) any regulatory agency issues new regulations, amends existing regulations, or, issues an order, or a court enters an order, the effect of which is to adversely and materially affect a Party's ability to perform hereunder; (iv) any action by a governmental or regulatory authority with jurisdiction over the Parties that adversely and materially affects a Party's ability to perform hereunder; or (v) any ad valorem, property, occupation, severance, generation, first use, conservation, BTU or energy, transmission, utility, gross receipts, privilege, sales, use, consumption, excise, lease, transaction or other governmental charge, license, fee or assessment (other than such charges based on net income or net worth), or increase in such charges, or application of such charges to a new or different class of parties, enacted and effective after the Effective Date that adversely and materially affects a Party's ability to perform hereunder. Regulatory Events do not include actions of any officer, legislative authority or regulatory authority of the Participating Member.

"Renewable Energy Certificate(s)" or "REC(s)" means (i) fuel source, emissions and other environmental characteristics, and avoidance of emissions, resulting from the generation of renewable energy or otherwise and (ii) the REC reporting rights. One (1) REC shall be associated with one (1) MWh of energy generated from a renewable energy resource, including but not limited to wind, hydroelectric, solar, biomass, and landfill gas.

"Sustainability Grants" means monies in the form of grants that may be made available by AMP to *EcoSmart Choice* Participating Members as set forth in EXHIBIT B, attached.

[Remainder of page intentionally left blank]

IN WITNESS WHEREOF, the Parties have executed this Schedule as of the Effective Date.

American Municipal Power, Inc.	Napoleon, Ohio
By:	By:
Name:	Name:
Its:	Its:
Approved as to form:	Approved as to form:
General Counsel	Legal Advisor
Attachments: <u>EXHIBIT A</u> <u>EXHIBIT B</u>	

Exhibit A



EXHIBIT B

Sustainability Grants under AMP's EcoSmart Choice Program

I. Overview

As part of AMP's EcoSmart Choice green-pricing program, in the event that program revenues exceed program expenses in an amount equal to or exceeding \$5000.00 in a given calendar year, AMP will provide Sustainability Grants to Participating Members pursuant to the terms and conditions set forth herein.

II. Eligibility

Only Participating Members in AMP's *EcoSmart Choice* program in a given year who submit a valid *EcoSmart Choice* Sustainability Grant application shall be eligible to receive Sustainability Grants for that given year.

III. Calculating Available Funds for Sustainability Grants

Each February, AMP will total MWhs sold under the *EcoSmart Choice* program during the previous calendar year by each Participating Member, and shall purchase and retire an equal amount of Renewable Energy Certificates (RECs), consistent with the Annual True-Up Procedures. If program revenues exceed program expenses for the previous calendar year by an amount equal to or exceeding \$5000.00, AMP will designate the available excess revenue for Sustainability Grants. In the event that the program revenues do not exceed program expenses by \$5000.00 or more, any excess revenues will be carried over to the next program calendar year. If funds are available, Sustainability Grants shall be awarded each April to Participating Members who applied for such Sustainability Grants and have eligible projects. The Sustainability Grants shall be based on a *pro-rata* share of each Participating Member's *EcoSmart Choice* MWhs sold during the previous calendar year.

IV. Eligible Projects

An eligible project is submitted by a Participating Member that demonstrates a commitment to sustainability through the promotion of balancing environmental, economic, and community interests. Examples of eligible projects could include, but are not limited to, installing solar or other local renewable generation, tree planting in public parks and spaces, energy efficiency and weatherization improvements to public buildings, supporting local charities, energy and environmental education programs in schools / for customers, economic development activities, etc. Sustainability Grants are not merit-based and will not be awarded on a first-come, first-served basis; however, no Sustainability Grants shall be awarded in absence of an application from a Participating Member.

V. Application Process

Each Participating Member wishing to receive a Sustainability Grant based on its participation in the *EcoSmart Choice* program for the previous year shall submit an application (form to be supplied) to AMP by March 15, identifying a proposed sustainability project or projects. AMP will review all applications and make grants available in April to Participating Members who submitted valid applications. The amount of each Sustainability Grant shall be based on a *pro-rata* share of each Participating Member's *EcoSmart Choice* MWhs sold during the previous calendar year.



November 5, 2014

Memorandum

To: Jolene Thompson

From: Marty Kanner

Subject: 2014 Election: Outcome and Implications

The 2014 mid-term election was a strong victory for congressional Republicans. Once the votes trickle in for Alaska, are recounted in Virginia, and re-voted in Louisiana, Republicans will likely hold a 54-46 advantage in the Senate (assuming Maine Independent Angus King continues to caucus with the Democrats). In the House, Republicans gain at least a dozen seats – providing an historic high water mark for a Republican majority in the House.

Below is our assessment of the election impact – both in terms of the general tenor and productivity of Congress, and on issues of importance to OMEA.

The Big Picture

The productivity, focus and tenor of the new Congress will be decided by a number of factors.

1. The Battle Within the Republican Party

While Republicans are celebrating the election results, there are divergent views within the Party on how they should use this new found power. The conservative (largely Tea Party) wing of the Republican Party sees an opportunity to overcome the hurdle of the past four years, where Republican legislative initiatives were passed by the House only to languish in the Democratic-controlled Senate, and seize the opportunity for bold moves on major issues. In contrast, "establishment" Republicans – including House Majority Leader Kevin McCarthy (R-CA) and Senate Majority Leader Mitch McConnell (R-KY) – have highlighted the importance of

proving that Republicans can govern. Senator McConnell noted a handful of House-passed bills that promote jobs and received bipartisan support as targets for early action.

This tension between pushing back on President Obama's signature initiatives (health care, EPA regulations, immigration, etc.) and "small ball" issues where agreement might be achievable is unlikely to be resolved quickly. Some insiders are hopeful that the 2016 Senate election map — when 6 Republicans are up in states that Obama won in 2012 — may inject a dose of reality.

We anticipate a schizophrenic result, with Congress pursuing some of the high-stakes fights, while also trying to enact smaller-scale legislation. The outstanding question is whether the highly partisan fights will sour the chances for cooperation on less controversial issues.

2. The Magic Number in the Senate

Republicans succeeded in their goal of taking control of the Senate – and picked up more seats than most pundits expected. Yet they still fall short of the 60-votes needed to overcome a filibuster. Moreover, many of the seats lost by Democrats were held by moderate Democrats that could have voted with Republicans on some issues (such as climate change). Thus, as Republicans seek to advance their agenda, they will continue to have the challenge of gaining Senate passage.

To be sure, Republican leaders are already charting strategies to address the filibuster challenge. One option is to place "riders" (such as blocking implementation of EPA's 111(d) climate regulations) on appropriations bills funding the government and daring the President to veto the measure and shut down the government. Another option is to employ the Congressional Review Act, which enables Congress to block large-scale regulations by a simple majority vote (but also has a series of procedural restrictions that limit the applicability – and is still subject to a Presidential veto). Finally, Senate Republicans may choose to change the filibuster rules – by limiting the types of bills it applies to, lowering the vote needed to overcome a filibuster, or eliminating the tool altogether.

3. Changes in Committee Leadership

With Republicans gaining control of the Senate, there is obviously a change in leadership. But the change goes beyond this shift. In the House, retirements, elections and term-limits will produce at least 11 changes in chairmanship out of 21 Committees. Most significantly, there will be new chairs for the Ways and Means, Budget, and Natural Resources Committees.

In the Senate, besides the transfer of the gavel to Republican hands, retirements and election defeats will place new people as the Ranking Democrat on at least 7 committees – most notably the Energy and Natural Resources Committee (where Maria Cantwell from Washington is likely

to be the lead Democrat assuming Mary Landrieu loses the December Louisiana runoff). Moreover, there can be a domino effect where one Senator takes a committee leadership post thereby opening up a leadership slot on another committee.

4. Impact of the 2016 Election

As noted above, Republican Senate prospects in the next election will be less favorable than they were this year or last cycle. This may change the political calculus as incumbents in "blue states" seek to moderate their positions.

Another dynamic will be at play. Several sitting Senators are potential candidates for President in 2016. These politicians will likely use their Senate seat as a platform to distinguish themselves and appeal to the Party base. Moreover, as a whole, congressional Republicans will likely use their agenda-setting ability to influence and shape the 2016 debate and tarnish the image of the Democratic candidates.

The net result is that the 114th Congress likely has only one year – 2015 – to get most legislation enacted.

Impact on Priority Issues

Whether Congress and the President decide to find areas of agreement will obviously have a decisive impact on what gets done. We are guardedly optimistic that varying factors will produce at least some areas of agreement.

Following is a summary of how key issues of importance could shake out.

1. EPA Climate Regulation

EPA's "war on coal" was a prominent theme in many Republican campaigns, and blocking or delaying EPA's proposed climate change regulations (especially those impacting existing units) is a high priority for many congressional Republicans.

Given that the House has already passed measures opposing the regulations, House action is a certainty. The challenge remains in the Senate. While the change in control enables Senate Republicans to schedule a vote on the measure (which was successfully blocked by then-Majority Leader Harry Reid), the party split in the Senate makes it unlikely that the 60-vote threshold for ending a filibuster is likely. As previously mentioned, Republicans will likely seek to add a rider to an appropriations bill in an effort to force President Obama's hand.

Another tactic would be to use the Congressional Review Act to negate the rule. Under the CRA, Congress can disapprove a rule by a simple majority vote of both houses. The vote must

take place within 60 days of a major rule being finalized. It is worth noting that, since enactment of the CRA in 1996, it has only been successfully used once in the 43 attempts.

Even if Congress is unable to legislate on the issue, they will certainly hold numerous oversight hearings to highlight the possible impacts of the regulations on consumer costs, reliability, and the economy.

2. Tax-Exempt Financing

Over the past few years, state and local governments have faced a dual threat to their ability to issue tax-exempt bonds to finance infrastructure and operations: efforts to reduce the federal budget deficit, and a desire to "reform" the tax code.

The budget deficit has come down, and it has largely faded from the public eye. However, the two-year budget deal reached by Congress has expired. The Republican Congress will pass a new budget, but it is unclear whether they want to take on the political repercussions of drastic programmatic cuts without the support of the President (which is unlikely to happen).

On the other hand, tax reform remains a priority of both parties – with leading conservative Senator Ted Cruz (R-TX) announcing on the eve of the election that tax reform is the top priority for congressional Republicans. The key question is whether this difficult and complex issue can overcome the partisan divide of Democrats favoring tax equity (e.g., raise rates for top earners) and Republicans focused on lowering individual tax rates.

One option is to only tackle corporate tax reform. Considerable attention has been focused on the high U.S. corporate tax rate compared to foreign competitors, with the recent spate of corporate "inversions" – where companies merge with foreign enterprises in order to move the headquarters overseas – a focus of considerable media attention and several congressional hearings.

Most observers agree that corporate tax reform is easier – both substantively and politically. Corporate tax reform is seen as the best example of a meaty issue that could be tackled in a divided government. However, incoming House Ways and Means Committee Chairman Paul Ryan (R-WI) recently announced his opposition to any reform effort that isn't "comprehensive" and fails to fix the individual tax code.

If Congress only addresses the corporate side, the only threat to tax-exempt financing will be at the margins. In contrast, wholesale reform is likely to pose significant risk to municipal bonds – either by limiting deductions for upper-income taxpayers (as previously proposed by President Obama and House Republicans) or the elimination of tax-exempt financing (as previously

proposed by Senate Finance Committee Ranking Democrat Ron Wyden (D-OR) and the bipartisan deficit reduction commission).

3. Build American Bonds

Congress authorized Build America Bonds (BABs) as an alternative means of financing shovel-ready infrastructure. Despite the commitments made, U.S. Treasury BABs payments have been cut, and Congress has twice extended the sequestration cuts for BABs in order to pay for other programs.

OMEA is working with a delegation member on legislation to restore full BABs payments. If Congress advances a new budget plan, this legislation could be a rider. It also could be addressed in an appropriations bill or tax reform legislation.

4. Cybersecurity

Absent a major event, major legislation imposing new requirements or a new regulatory regime for physical or cybersecurity is unlikely.

Yet, cybersecurity may very well be one area where new legislation could be enacted. Specifically, "information sharing" is one area where action is likely. The Republican-led House passed the Cybersecurity Intelligence Sharing and Protection Act (CIPSA), and a companion measure was approved by the Senate Intelligence Committee. Promoting information sharing between the federal government and critical infrastructure has bipartisan support, and this is one area where cooperation between Congress and the White House is possible.

Significantly, CISPA was one of a handful of bills that Senator Mitch McConnell (R-KY) mentioned as early targets for action if he became Majority Leader.

5. Hydro Licensing

Hydropower has the distinction of being one of the few areas in the energy sphere where legislation was enacted during the 113th Congress. While issues like the Keystone XL Pipeline and EPA's climate regulations will gather more attention, hydropower could once again be a corner of the energy world where new legislation could be enacted.

Staffs for the key Senate and House committees have expressed interested in addressing some of the key issues impeding licensing and relicensing of hydro projects. Specifically, there is interest in addressing the "mandatory conditioning" authority of federal resource agencies to set environmental conditions at FERC-licensed dams.

The hydro industry, which previously forged an alliance with environmental interests in order to walk a substantive and political tightrope, will need to assess whether a change in strategy is warranted in order to navigate a Republican Congress.

6. FERC and Electricity Markets

Despite the considerable problems in the "organized markets," there has been little congressional attention focused to date on the topic. It is unlikely that this will change absent a major event (such as the Midwest blackout that prompted the current NERC reliability regime). Electricity markets are complex – and difficult for most members of Congress and congressional staff to understand. Moreover, the issues have constituencies (generators, transmission owners, consumers) on all sides – with no clear political benefit to action.

The one exception is the intersection of electric grid reliability and environmental mandates. This will continue to receive congressional attention. Unfortunately, an unintended consequence may be a further reduction in congressional interest in investigating and responding to capacity markets – since the reflexive congressional reaction will be to support efforts to ensure capacity needed for system reliability in the face of anticipated closure of coal plants.

Conclusion

One pundit opined this morning that gridlock will continue, with Congress either accomplished nearly nothing or absolutely nothing. Our assessment is that action is possible on a number of fronts. Both sides have an interest in showing they can govern, and there are a number of smaller (but still significant) areas in which consensus can emerge.

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

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

Meeting Agenda

Monday, November 10, 2014 at 6:30 PM

- 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 @ \$0.06461; Commercial @ \$0.07938; Large Power @ \$0.03815; Industrial @ \$0.03815; Demand Charge Large Power @ \$11.56; Industrial @ \$12.33; JV Purchased Cost: JV2 @ \$0.03578; JV5 @ \$0.03578
- III. Electric Department Report
- IV. Review/Approval of ECO-Smart Choice 1st Amendment to Participating Member Schedule
 - V. Any Other Matters or Items to Come Before the Board
- VI. Adjournment

Gregory J. Heath, Finance Director/Clerk of Council

City of Napoleon, Ohio

BOARD OF PUBLIC AFFAIRS

Meeting Minutes

Monday, October 13, 2014 at 6:30 PM

PRESENT

Members

Electric Committee

City Staff

Recorder Others

ABSENT

Call To Order

Approval Of Minutes

Review Of Billing Determinants

Motion To Recommend Approval Of Electric Billing Determinants

Passed Yea- 3 Nav- 0

Motion To Accept BOPA Recommendation For Approval Of Electric Billing Determinants Keith Engler - Chair, Mike DeWit, Dr. David Cordes

Travis Sheaffer - Chair (arrived at 6:45 PM), John Helberg, Jason Maassel

Dr. Jon A. Bisher, Special Projects Clerk Dennis Clapp, Electric Superintendent

Gregory J. Heath, Finance Director/Clerk of Council

Tammy M. Fein News Media

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

Committee member Maassel called the meeting to order at 6:30 PM.

The September 8 meeting minutes stand approved as presented with no

objections or corrections.

The electric billing determinants for October were presented for review.

Motion: DeWit Second: Cordes

To recommend approval of electric billing determinants for October 2014

as follows:

Generation Charge: Residential @ \$0.08478; Commercial @ \$0.10540; Large Power @ \$0.05296; Industrial @ \$0.05296; Demand Charge Large

Power @ \$14.52; Industrial @ \$14.99; JV Purchased Cost: JV2 @

\$0.03971; JV5 @ \$0.03971

Heath stated that the November billing determinants will reflect a credit of \$133,970.75 received from AMP as a bonus for the renewal of the Efficiency Smart Program; this is a payment of previous balances which will be used as a credit unless direction is given by the Board and Committee to use it otherwise. Bisher added that the Efficiency Smart rebate was due to deferred payments from other communities that did not pay the entirety up front as the City had, and these monies were used as a bonus for renewals which can be used for efficiency programs or can be put back into the Fund.

Roll call vote on above motion:

Yea- Engler, Cordes, DeWit

Nay-

Motion: Helberg Second: Maassel

To accept the BOPA recommendation for approval of electric billing

determinants for October 2014 as follows:

Generation Charge: Residential @ \$0.08478; Commercial @ \$0.10540; Large Power @ \$0.05296; Industrial @ \$0.05296; Demand Charge Large

Power @ \$14.52; Industrial @ \$14.99; JV Purchased Cost: JV2 @ \$0.03971; JV5 @ \$0.03971

Roll call vote on above motion:

Yea- Helberg, Maassel

Nay-

Electric Department Report

Passed

Yea- 2

Nay- 0

Clapp gave the Electric Department Report (attached).

Clapp stated that the Electric Department crew has continued to help the Glenwood Trailer Park since they are having trouble with meters connected to the doublewide trailers that are being put in there; the department will do these corrections during regular business hours, not overtime hours. DeWit asked if the residents were responsible for paying for the damage to the meters; Clapp stated that the trailer park will be responsible for paying for the new meters if the units and wires are not changed before the warm weather begins again. Helberg asked if the delineation of ownership is at the meter socket; Clapp stated that the City owns the meter and the trailer park owns the socket; adding that this is a special meter used by trailer parks and it would cost the City more to replace the entire unit.

Maassel asked why there were customers listed in the report at half power; Clapp replied this was due to breaker box damage and the resident must call an electrician to remedy the issue.

Clapp stated that the Efficiency Smart Program has downsized personnel due to cost cutting; however he has not heard from any representatives as of yet. Bisher added that the number of meters has been lowered due to the City of Cleveland choosing to opt out of the program.

Helberg asked if the issue at Campbell's Soup was on their site; Clapp stated that it was, and although the City does not service Campbell's, they were desperate for help and the Electric crew checked the wires as a courtesy, adding that this is good public relations practice.

Bisher asked how well the new system worked during the latest power outage; Clapp stated that this was not a big enough outage to test the system; Helberg and Bisher stated that they called in to report the outage using the new system but did not receive a callback; Clapp stated that he did not know that callbacks were not received and he will contact the Police Department to resolve this issue.

Electric Motion To Adjourn

Motion: DeWit Second: Cordes To adjourn the Electric Committee meeting at 6:47 PM

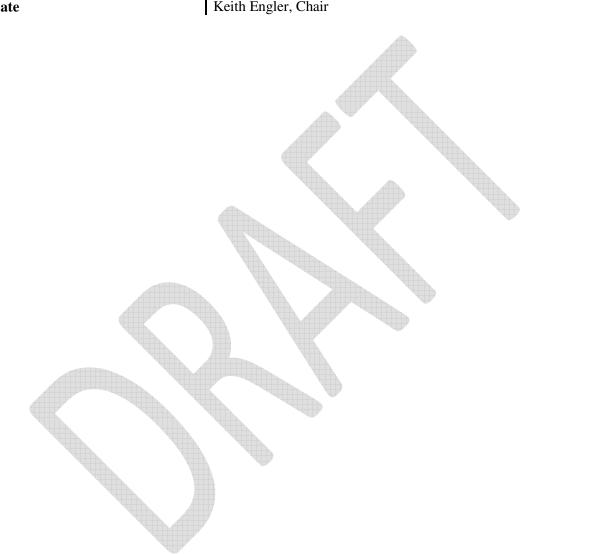
Passed Yea- 3 Nav- 0 Roll call vote on above motion: Yea- Engler, Cordes, DeWit

Nay

BOPA Motion To Adjourn

Motion: Maassel Second: Helberg

	To adjourn the meeting at 6:47 PM
Passed Yea- 3 Nay- 0	Roll call vote on above motion: Yea- Helberg, Sheaffer, Maassel Nay-
Date	Keith Engler, Chair



City of Napoleon, Ohio

WATER, SEWER, REFUSE, RECYCLING & LITTER COMMITTEE

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

Meeting Agenda

Monday, November 10, 2014 at 7:00 PM

- I. Approval of Minutes (In the Absence of any Objections or Corrections, the Minutes Shall Stand Approved)
- II. Review of Appeal to the Decision on Billing Dispute
- III. Any Other Matters or Items Currently Assigned to the Committee
- IV. Adjournment

Gregory J. Heath, Finance Director/Clerk of Council

City of Napoleon, Ohio

WATER, SEWER, REFUSE, RECYCLE & LITTER COMMITTEE

Meeting Minutes

Monday, September 8, 2014 at 7:00 PM

PRESENT

Water, Sewer Committee **BOPA**

City Staff

Keith Engler - Chair, David Cordes, Mike DeWit

Monica S. Irelan, City Manager

Dr. Jon A. Bisher, Special Projects Clerk Dennis Clapp, Electric Superintendent

Gregory J. Heath, Finance Director/Clerk of Council

Chris Ridley - Chair, Jeff Comadoll, John Helberg

Trevor M. Hayberger, Law Director

Tammy Fein

Recorder **Others**

ABSENT

WSRRL Call To Order

Approval Of Minutes

Review Of Sewer Lateral Charge For A Multi-Story Discount

Chairperson Ridley called the meeting to order at 7:20 PM.

The August 11 and August 16 meeting minutes stand approved as presented with no objections or corrections.

Heath distributed a memo regarding the review of the Sewer Lateral Charge for a Multi-Story Discount and attachments; see attached.

Cordes asked if he should be excused from discussion as his business has a multi-tap sewer; Hayberger replied no, unless there is a sweeping change deleting the charge, then Cordes should be excused.

Irelan stated that multi-story units are being charged per unit, and she believes the intention of the Sewer Lateral Charge was to mimic the guidelines used for the Storm Water Abatement Charge. Heath stated that the Storm Water Abatement Charge is set up under an Impervious Service (ERU) Charge, which was based on the size of the structure with a discount for multi-story units; Heath believes this discount should also apply to the new Sewer Lateral Charge, which uses the definition of chargeable entity, meaning resident or business, and would also be the same process of applying the Storm Water Abatement Charge, however the Ordinance did not allow for the multi-story lateral.

Heath stated that a citizen presented him with bills that listed a discount on the Overflow Abatement Charge but not on the Sewer Lateral Charge; adding that there is only one (1) sewer lateral going out from the six (6) unit apartment complex. Engler asked if this would be a larger lateral than normal; Lulfs stated that within the City the laterals are mostly the same size unless it is one of the multi-unit apartment buildings, and the repair costs will be essentially the same as well.

Lee Weirauch, owner of 428 South Perry Street, stated that this six (6) unit apartment complex has only one (1) lateral for the six (6) units running into it and he believes there is no reason to charge \$2.10 per unit; \$2.10

should be the total charge. DeWit asked if the units were stacked; Weirauch stated he has a two (2) story building; DeWit stated the risk for potential repair increases with each unit. Engler believes that Weirauch would increase his monthly rental charge to compensate for his costs increasing, and the \$2.10 charge could be included in the rent charged by Weirauch.

Cordes agreed that the resident only has one (1) sewer lateral and should only have to pay one (1) Sewer Lateral Charge. Irelan stated that every Utility bill for customers inside the City has the Sewer Lateral Charge added. Heath stated that the vacant units with continued power have the Sewer Lateral Charge on the bill; adding that every bill has the Overflow Abatement Charge and the Sewer Lateral Fee with no allowance for multiunit buildings; Irelan added that the discount is only for multi-story buildings, not duplexes. Lulfs stated the maximum discount is fifty percent (50%) for the Sewer Abatement Charge.

Cordes asked if a property with multi-laterals should pay more; Irelan stated that the charges should be charged per tap, however this would be difficult to enforce. Irelan stated that the suggestion from Staff is to mimic the language of the Sewer Abatement Charge for a discount to the Sewer Lateral Charge; Cordes stated that the resident is covering the expense up to the right-of-way with the same size pipe with one (1) access to the sewer. Irelan restated that the Sewer Lateral Charge should be based on a per tap basis, but it would be difficult to prove how many taps are on each property without spending money for this research. Ridley asked what the option would be if the Sewer Lateral Charge language did not match the Sewer Abatement Charge language; Heath replied that there would be a potentially large revenue issue, and the rate would not cover this; adding that this has been discussed at length before. Engler clarified with Lulfs that each bill has the Sewer Lateral Charge, and explained this to Weirauch; Engler believes that it is the property owner's responsibility to pay the Sewer Lateral Charge for any unrented units. DeWit restated that the Sewer Lateral Charge is charged to all residents, even those without sewers. Ridley restated that the Sewer Abatement Fee is to cover the water that runs off the roof which is why the multi-story buildings receive a discount; asking how to find the number of laterals per property; Irelan stated that this information is not available.

Irelan stated that the repairs were socialized to ensure that all residents share in the cost, because everyone may need to use it and this creates the revenue to cover any potential costs. Heath stated that the intent of this Agenda item was to show the concern of the resident, not to reopen the discussion regarding the purpose of the Sewer Lateral Charge. Engler believes the Sewer Lateral Charge should be left as it is. Irelan stated that the resident is responsible for filling out the paperwork to get the discount on the Sewer Abatement Charge each time; Engler believes that giving this discount would cause the rates to potentially increase since the Sewer Lateral Charge rate of \$2.10 was based on the number of billed customers after much research and discussion. Cordes asked if there were a large number of multi-story units, and believes the discount should be applied in this case. Helberg agrees with keeping the Sewer Lateral Charge as it is currently, stating that this has been discussed at length in the Committee as well as in Council. Comadoll stated

that changing the Sewer Lateral Charge Policy would be problematic. Ridley asked if a discount would be appropriate; Engler stated that this decision has been made to create the revenue needed for any potential repairs and should not be changed. Helberg agreed with Engler and Comadoll.

BOPA Made No Recommendation To Change The Policy BOPA made no recommendation to change the Sewer Lateral Charge Policy.

WSRRL Motion To Recommend No Change To The Sewer Lateral Charge Policy Motion: Comadoll Second: Helberg

To recommend no change to the Sewer Lateral Charge Policy

Passed
Yea- 3
Nay-0

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

BOPA Motion To Adjourn Motion: DeWit Second: Cordes

To adjourn the meeting at 7:55 PM

Passed
Yea- 3
Nay- 0

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

WSRRL Motion To Adjourn Motion: Comadoll Second: Helberg

To adjourn the meeting at 7:57 PM

Passed
Yea- 3
Nay- 0

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

Date Chris Ridley, Chair



CITY OF NAPOLEON, OHIO LAW DEPARTMENT

255 W. RIVERVIEW AVENUE, PO BOX 151 NAPOLEON, OH 43545 PHONE: 419.592.3503 - FAX: 419.592.4723

Friday, November 07, 2014

To: Water, Sewer, Refuse, Recycling and Litter Committee

From: Trevor M. Hayberger Memorandum re: Appeal

Dear Committee Members:

I have attached several pieces of evidence that will be introduced at Monday's hearing. First, is Greg Heath's letter dated October 14th, 2014 addressed to Joel A. Bokerman denying Mr. Bokerman's request for a credit for Mr. Bokerman's mother's residence at 858 West Riverview Avenue. This letter has attachments A-F included as well. Second, is a letter from Mr. Bokerman, dated October 22nd, 2014, asking the City Manager to grant him an appeal from Greg's decision, along with the required \$35.00 for the appeal. Third, is a letter from Monica, dated November 04th, 2014 advising Mr. Bokerman that his appeal must be heard by this committee. Finally, there is a copy of the status of the account which shows the amount that is in question.

This matter will be handled similar to a trial witnesses will be sworn in, evidence submitted, and then it will be up to the committee to make a determination if Greg's interpretation of the Water and Sewer Rules to not grant the credit was "unreasonable, arbitrary or capricious." It is improper for the committee to try to substitute its judgment as to what it would have done but to only determine if Greg's interpretation of the Water and Sewer Rules was unreasonable, arbitrary, or capricious. Using Black's Law Dictionary the terms are defined as follows:

- A. <u>Unreasonable</u>: irrational, foolish, unwise, absurd, silly, preposterous, senseless, stupid;
- B. <u>Arbitrary</u>: In an unreasonable manner, as fixed or done capriciously or at a pleasure. Without adequate determining principle; not founded in the nature of things; non rational; not done or acting according to reason or judgment; depending on the will alone; absolutely in power; capriciously; tyrannical; despotic; without fair, solid, and substantial cause
- C. <u>Capricious (disregard)</u>: a willful and deliberate disregard of competent testimony and relevant evidence which one of ordinary intelligence could not possibly have avoided in reaching the result.

City Law Director Trevor M. Hayberger thayberger@napoleonohio.com Executive Assistant Sheryl K. Rathge srathge@napoleonohio.com This matter is a quasi-judicial hearing which means at the close of the testimony the committee, if it so chooses, can go into executive session to discuss the matter. The committee must entertain a motion of whether Greg did or did not act in an unreasonable, arbitrary and capricious manner and then make a separate motion, based on how the first motion was decided, indicating whether the appeal is granted or denied. I will be there for this hearing and will walk us through it.

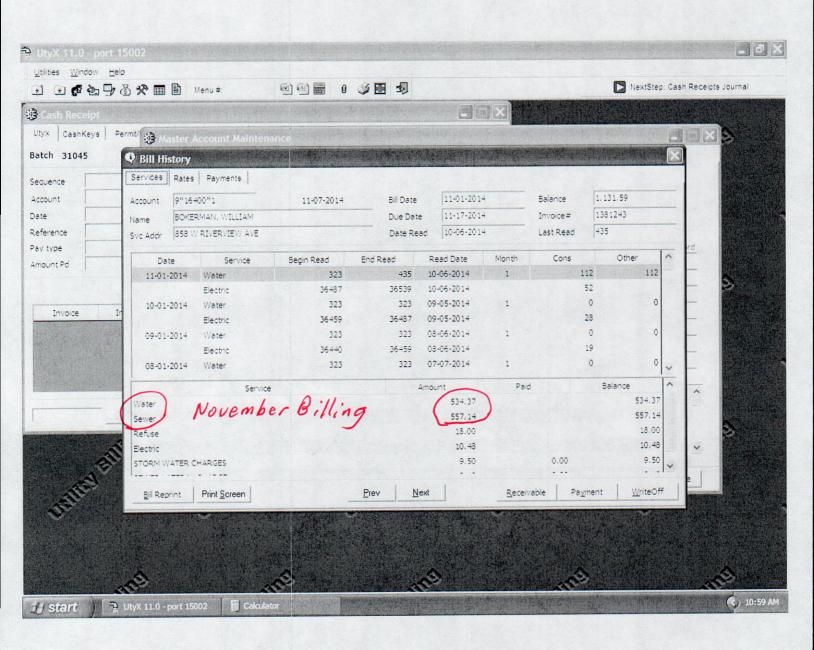
Should you have any questions or comments, please do not hesitate to me.

Sincerely,

Trevor M. Hayberger City Law Director

1- Depon

tmh/skr





City of Napoleon, Ohio

DEPARTMENT OF MANAGEMENT

255 West Riverview Avenue, P.O. Box 151 Napoleon, OH 43545 Telephone: (419) 592-4010 Fax: (419) 599-8393 uruw.napoleonohio.com

Memorandum

To: Mr. Joel A. Bokerman

From: Monica Irelan, City Manager

Date: 11/04/2014

RE: Appeal of High Water & Sewer

Dear Mr. Bokerman,

This letter is in response to your appeal of high water & sewer. I am not able to make a determination on your request, but the appeal can be reviewed by the Water, Sewer, Refuse, Recycling and Litter Committee. I have placed your appeal on the next Water, Sewer, Refuse, Recycling and Litter Committee meeting which is scheduled for Monday, November 10, 2014 at 7:00 pm, at City Hall. Please see the attached agenda. You are encouraged to attend.

Please feel free to contact me with any questions or concerns prior to the meeting at mirelan@napoleonohio.com or (419) 592-4010.

Sincerely,

Monica Trelan





1223 N. Scott Street V Napoleon, OH 43545 V Phone 419-599-5540 V Fax 419-599-1838 October 22, 2014

Ms. Monica Irelan, City Manager

City of Napoleon, Ohio

255 West Riverview Avenue

Napoleon, Ohio 43545-0151

RE: Appeal of High Water & Sewer

Dear Ms. Irelan,

First of all, welcome to Napoleon. I read that you are originally from Wauseon and I am glad we have someone in your position who understands small towns in Northwest Ohio.

I don't dispute any of the facts as stated in Gregory Heath's letter to me dated October 14, 2014. My concern and reason for this appeal is twofold. First this was an unfortunate mistake, and secondly my Mother who owns the home in question, is in dire financial straits due to her current living arrangements at Glenn Park Assisted living in Defiance, Ohio.

As I stated in my letter Greg dated October 9, 2014, my sister and husband from Plymouth, MI. decided to come to Napoleon September 28, 2014 to get as many items out to the road for Napoleon's fall garbage pick-up. The only thing we can conclude is one of them may have used the first floor toilet and for whatever reason it continued to run unnoticed for many days. We have since turned this toilet off and have shut the water off at the city's street shut-off.

I am Power of Attorney for all my Mother's financial affairs. She just turned 93 and it was necessary to move her into assisted living over 4 years ago. As you can imagine, her bills far exceed her fixed income. She has been at a level 1 health price point and has just moved to a level 3, increasing her monthly bill at Glenn Park of Defiance by \$1,000 a month. My mother and deceased father have lived at 858 Riverview Napoleon, Ohio since 1964. I am sure during that period, they have paid all city taxes, water, electric and refuse on a timely basis. My sister and I realize she will not be returning to her home on Riverview and our intent is to clean things out and get the home ready to sell as soon as possible.

Monica, I know that under similar unique circumstances that The City of Napoleon has the right to waive or reduce bills if there is a logical explanation and/or financial hardship. I am asking that you or council re-consider your denial of adjustment regarding her water bill due to the above explanation.

Thank you for your consideration,

loel A. Bokerman

Traditional Insurance Service With Cutting Edge Solutions www.bykagency.com

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CITY OF NAPOLEON, OHIO

255 West Riverview Avenue • PO 151 • Napoleon, Ohio 43545-0151 Gregory J. Heath, Director of Finance/Clerk of Council phone (419) 599-1235 fax (419)-599-8393

Web Page: www.napoleonohio.com E-mail: gheath@napoleonohio.com

October 14, 2014

Mr. Joel A. Bokerman 1223 N. Scott Street Napoleon, Ohio 43545

RE: Appeal of High Water & Sewer Use - Account No. 9*16400*1 - 858 W Riverview Ave

Dear Mr. Bokerman,

Pursuant to your Letter (See Attached Copy A, Letter) received by my office October 13, 2014; it is my understanding you are appealing a future billing with a Billing Date of 11-01-2014, specifically for High Water and Sewer usage on <u>Utility Account No. 9*16400*1 - 858 W Riverview Ave</u>. I am responding based on the City Water & Sewer Rules, Rule 16 (See Attached Copy B, Rule 16). Listed below are the facts as I am aware of them in date order based on written communications from you, the billing system and other written or oral information from various City personnel.

REVIEW OF FACTS:

- October 6, 2014 - The Water Meter for <u>Utility Account No. 9*16400*1 - 858 W Riverview</u>

<u>Ave</u> was read by an Automated Reading System; this reading is used to bill both Water and Sewer usage.

- October 8, 2014 - On or after this date, the Account Reading was downloaded from the Automated Reading System into the Utility Billing System.

NOTE: Reading was 405 (Read 10/06/2014), subtracted from the prior reading of 323 (Read 09/05/2014), for a net use of 82 Units of Water recorded for Billing use. (One "1" Unit = 100 Cubic Feet or 748 gallons of water).

This reading was Outside the normal range usage of a residential account, a Work Order for high water usage was issued to verify high use, and the customer's son (Joel Bokerman) was contacted by phone.

- October 8, 2014 - Work Order No. 157773 (See Attached Copy C, Work Order) was issued by Utility Billing Personnel to Water Operations Personnel to verify possible high water usage. Water Operations Personnel went to the property and verified a potential problem with the customer's son. Work Order stated "Shut off water at meter pit – per Jeff Rathge (Per Joel Bokerman – Left Water Off, Toilet was running in house.)" Work Order No. 157773 was closed on 10/10/2014, no additional action was taken.

(Bill Dispute - Continued Next Page)

- October 13, 2014 - Received written appeal letter from customer's son (Joel Bokerman) requesting Credit on Water and Sewer Billing. (See Attached Copy A, Letter) Letter preceded normal billing scheduled to be billed on November 1, 2014.

CONCLUSION AND DECISION:

According to City Water and Sewer Rules, the City maintains the water line up to the turn off valve at the Street Property Line, and at the Water Meter location itself. Based on information above, it appears the City's Water Meter was working properly and recording correctly. There is no known City related maintenance issues that might have caused a higher than normal water reading. It is noted usage was higher than normal and a Work Order was issued for high water usage. The problem identified, pursuant to the Work Order and in the Account Holder customer's son letter, occurred after the meter on the property owner side and as such is the property owner responsibility.

The Account Holder customer's son in the Appeal Letter stated there was a toilet running when the water was turned on. The Appeal Letter states: "...turned the water back on at the curb ... we noticed the toilet was running..." Billing history confirms usage running higher than prior months use (See Attached Copy D, Bill History).

In general, a stuck flapper valve, or an overflowing tube in a toilet, can use a large amount of water in a short period of time. Water running full open through a quarter inch (1/4") opening (a normal toilet connection) can flow at a rate of over 13,000 gallons a day. 82 Units computes to 61,336 gallons or about 4.7 Days at full open use. (One "1" Unit = 100 Cubic Feet or 748 gallons of water). The actual size or volume of the leak is not known.

Unfortunately, City Water and Sewer Rules limit my authority to grant "Credits to Accounts" to only those problems identified as the <u>Responsibility of the City</u>. NO Direct Problems were clearly identified as the responsibility of the City that would have caused this high of reading; all usage was after the meter. <u>Property maintenance issues are Property Owner Responsibility</u>, and are not the responsibility of the City. Crediting of Sewer may be allowed if it can be demonstrated that any excessive water use did not flow into the sewer. (Example: Child leaves on outside faucet and water runs into ground.) In this case, it appears the water went through the City meter, ran into the toilet and back out the sewer. Both water and sewer are billed based on recorded water use.

Based on the above facts, and my Limited Authority as outlined in the City Water and Sewer Rules and Regulations, my decision is to "NOT GRANT CREDIT" on either Water or Sewer Usage for Utility Account No. 9*16400*1 - 858*W Riverview Ave.

You may request your meter to be removed and tested; however, pursuant to Water and Sewer Rules the customer is responsible for the cost of testing should the meter test within the Normal Flow test standards. (See Attached Copy E, Rule 12 (F)). Estimated cost for testing the meter is about \$30.

(Bill Dispute - Continued Next Page)

You may Appeal this Decision to the Water and Sewer Committee of Council pursuant to Rule 25 on Appeal Process (See Attached Copy F, Rule 25) should you so desire. A Written Appeal plus a \$35.00 filing fee would need to be sent to the City Manager if you chose to appeal. Pursuant to the Rule, this must be filed within ten (10) days from the date on this letter.

If you ARE NOT appealing this decision, then no additional action on your part is required.

To appeal this decision, send to:

Ms. Monica Irelan, City Manager

City of Napoleon, Ohio 255 West Riverview Avenue

P.O. Box 151

Napoleon, Ohio 43545-0151

I can be reached at (419) 599-1235 to answer any questions on my decision.

Sincerely,

Gregory J. Heath,

Finance Director/Clerk of Council

Attachments

Cc:

Monica Irelan, City Manger

Lori Rausch, Utility Billing Supervisor



RECFIVED

OCT 1 3 2014

Per_ Att (A)

1223 N. Scott Street • Napoleon, OH 43545 • Phone 419-599-5540 • Fax 419-599-1838

GREG,

Der. 9,14'

LORI CALLED TO ADVISE ME, MY MOTHERS HOME @ 858 RIVERVIEW SHOWED A VERY HIGH WATER READING. I WENT TO THE HOUSE AND FOUND NO WATER ISSUES ANYWHERE. ANOTHER EMPLOYER FROM THE CITY MET ME AT THE HOME. HE TUPNED THE WATER BACK ON AT THE CUPB AND WE WENT INSIDE AS SOON AS WE WENT IN SIDE, WE NOTICED THE TOILET WAS PUNNING. THE ONLY THING I CAN CONCLUDE WAS MY SISTER WAS THERE 9/28/14 TO GET THINGS PENDY FOR FALL GARBAGE PICK UP THE NEXT DAY? MUST HAVE USED THE BATHPOOM FACILITIES. MY MOTHER IS ON A VERY LIMITED INCOME. HER MONTETLY BILL O GLENN PARK ALONE (ASSISTED LIVING IN DEFIANCE) 13 \$3,800.00. I AM ASKING/PLEADING FOR ANY BPEAK YOU CAN GIVE US ON THIS NEXT BILL. IT WILL NEVER HAPPEN AGMIN, AS WE LEFT THE WATER TUPNED OFF OUT AT THE CUPB.

- FITTANKS FOR YOUR CONSIDERATION,

JOED BOYERMAN P.O.+

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City of Napoleon Rules for Water and Sewer Service

RULE 16 BILLING DISPUTES

Rule 16.1 Authorized Personnel To Settle Billing

4 >

- Disputes concerning billing and/or statement errors may be brought by (A) customer within thirty-six (36) months from date of the bill and/or statement that is the subject of the dispute. All said disputes need to be brought to the attention of the City Finance Director; however, the City Manager, who also serves as the City's Director of Public Service in accordance with City Code shall, in conjunction with the Finance Director, have the power and authority to settle billing disputes. If not brought, in writing, within said thirty-six (36) month period from the date of billing, the dispute will be considered waived and settled. Except in case of fraud or theft of service, the City shall have thirty-six (36) months to initiate recovery of undercharges or under billings or it will be considered waived. In case of fraud or theft, the time shall commence to run from the date the City discovers the fraud or theft. Nothing in this Rule shall be construed as prohibiting overpayment of a customer to be credited by the City when discovered by the City on its own initiative; however, such overpayment shall only go back 36 months for purpose of credit.
- (B) In case a portion of any amount included in a statement is in bona fide dispute, the entire amount shall be payable when due and the difference between the billed amount and the correct amount, if any, shall be promptly refunded after the determination of the correct amount.
- (C) In the event that a billing or statement error exists in favor of the customer, then the amount owed by the City to the customer may either be by credit to the account or paid in a lump sum payment as determined by the Finance Director. Also, when the amount due as a result of the error exceeds \$500.00 and the error is of no fault of the customer, then the amount due as a result of the error shall be paid with interest at the same rate of interest as paid on deposits as found in Rule 17.1. The interest shall accrue from the date that the error was first made, subject to the maximum period of time in which claims may be brought under Rule 16.1(A).
- (D) In the event that a billing or statement error exists in favor of the City, then the amount due the City by the customer shall be reimbursed by the customer to the City in a lump sum payment or paid over a period of months as determined by the Finance Director. Also, when the amount due as a result of the error exceeds \$500.00 and the error is of no fault of the City, then the amount due as a result of the error shall be paid with interest at the same rate of interest as paid on deposits as found in Rule 17.1. The interest shall accrue from the date that the error was first made,



City of Napoleon Rules for Water and Sewer Service

subject to the maximum period of time in which claims may be brought under Rule 16.1(A).

(E) In the case of theft or fraud, amounts due the City as the result of the theft or fraud shall accrue interest at the same rate of interest as on deposits as found in Rule 17.1.

Rule 16.2 Prevention Of Connection Of New Or Additional Utilities

No municipal utilities will be provided at a location for a person who has failed to pay previously incurred utility billings at a different location unless a payment plan has been set up with the City Finance Department for payment of the said bill(s).

Rule 16.3 City's Ability To Waive Payments

Notwithstanding any other provision herein, the City Manager, upon recommendation from the Finance Director, may negotiate and reduce any delinquent water or sewer service utility bill if it is determined that a pending or impending bankruptcy, foreclosure or other legal action threatens the collection of the delinquent bill, or when fairness dictates that the water or sewer bill should be adjusted.

Rule 16.4 Collection Of Delinquent Accounts

The City Finance Director shall cause to be mailed a letter to the last known address of the customer of the delinquent account demanding payment thereof. If no payment is received, or arrangements for payment made to the satisfaction of the City, (ie. agreement for payment and/or promissory note) the accounts may be turned over to the City Law Director or a collection agency for further action. Any accounts deemed non-collectable, as determined by the City Finance Director and City Manager, may be removed from the collection roles and the debt removed from the finance report of the City, for purpose of demonstrating a more accurate portrayal of the financial condition of the City; however, the debt shall not be construed as forgiven and any person or entity owing said debt may be refused service until the debt is satisfied. For the purpose of this section, if the cost of pursuing a debt is greater than the debt, it may be deemed not worthy of collection and therefore, uncollectible.

TY OF NAPOLEON - SERVICE O' ER

TYPE OF SERVICE ORDER:



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1st Water Meter	☐ House ☐ Lo	w 🗆 Ho	se 🗆 H	Iydrant 2	nd Water Meter	☐ Law	n 🗆 H	igh
Comments: < hu	it OFF W	uter c	at A	NETER PIT	-PER Jef	FRA	thac	v
								FF USE ONLY
						Knocked	on Doo	r 🗌 / /
					Time:		AM PM	
Is This Work Billable? $\Box V \Box N$ (If we Complete Billable Information)						/ /		
Authorized By: KLR					Date:	Time:		AM PM
Service Performed By:	309/312				Date: 10 - 9 - [4	Meter Re	ading:	
IS ITEM ABOVE COMP	LETED? 🗆 Y	′ □N			•		El	ECWTRW28/8/14



		-5.3
□ Final	N4C Electric	ан Ох
Read Date 10-06-2014	Read Date	10-06-2014
Last Read 322		36487
#		52
Consumption [112]	Demand Reactive	
Sewer	Est Electric	
Sewer Cons 112 BOD	Transaction of the	
Refuse		
Pickups		
Remark		
	Water Read Date Lost Read This Read Consumption Est Water Sewer Cons BOD Refuse Pickups	Water Read Date Last Read This Read Consumption Test Water Sewer Sewer Cons Refuse Pickups Electric Read Date Read Date Read Date Read Consumption This Read Consumption Demand Reactive Sever Fest Electric

Utility Master File Detail Report -City of Napoleon 11:06:14 13 OCT 2014

9*16400*1 Account 858 W RIVERVIEW AVE

Resident

BOKERMAN, WILLIAM PO BOX 563

Status A Start Date 01-01-1995

Last Update 10-09-2014 NAPOLEON, OH 43545-0563



Owner Cc Misc Owr

Bill To Phone Balance

				sumption Hi				
ill.date	Beg.read	End.read	Read.date	Service	Cons		Penalty Demand	
0-01-2014	323	323	09-05-2014	Water	0	11.07	0.00	
				Sewer	0	29.62	0.00	
				Refuse		18.00	0.00	
36459	36487	09-05-2014	Electric	28	8.97	0.00		
			CI Sewer	0	0.00	0.00		
				SW		9.50	0.00	
				SEWLAT		2.10	0.00	
9-01-2014	323	323	08-06-2014		0	11.07	0.00	
79-01-2014	323	525	00 00 2011	Sewer	Ō	29.62	0.00	
				Refuse	_	18.00	0.00	
	36440	36459	08-06-2014	Electric	19	8.10	0.00	
	30440	50455	00 00 2011	CI Sewer	0	0.00	0.00	
				SW	· ·	9.50	0.00	
				SEWLAT		2.10	0.00	
0 01 0014	202	202	07-07-2014		0	11.07	0.00	
18-01-2014	323	323	07-07-2014	Sewer	0	29.62	0.00	
					J	18.00	0.00	
		05110	07 07 0014	Refuse	22	8.54	0.00	
	36418	36440	07-07-2014		22		0.00	
				CI Sewer	0	0.00	0.00	
				SW		9.50	0.00	
			06.06.001	SEWLAT	^	2.10		
7-01-2014	, 323	323	06-06-2014		0	11.07	0.00 0.00	
				Sewer	0	29.62		
				Refuse		18.00	0.00	
	36395	36418	06-06-2014		23	8.64	0.00	
				CI Sewer	0	0.00	0.00	
				SW	_	9.50		
06-01-2014	323	323	05-06-2014	Water	0	11.07	0.00	
				Sewer	0	27.94	0.00	
				Refuse		18.00	0.00	
	36371	36395	05-06-2014	Electric	24	8.22	0.00	
			CI Sewer	0	0.00	0.00		
				SW		9.50	0.00	
5-01-2014	. 323	323	04-07-2014	Water	0	11.07	0.00	
	•			Sewer	0	27.94	0.00	
				Refuse		18.00	0.00	
	36331	36371	04-07-2014	Electric	40	10.34	0.00	
				CI Sewer	0	0.00	0.00	
				SW		9,50	0.00	
04-01-2014	323	323	03-06-2014		0	11.07	0.00	
74.01 2014	323	323	00 00	Sewer	0	27.94	0.00	
				Refuse		18.00	0.00	
	36286	36331	03-06-2014	Refuse Electric	45	9.99	0.00	
3	30200	30331	05 00 2011	CI Sewer	0	0.00	0.00	
				SW	_	9.50	0.00	
01 0014	212	323	02-06-2014		0	11.07	0.00	
3-01-2014	323	323	02.00 2014	Sewer	Ö	27.94	0.00	
				Refuse	v	18.00	0.00	
	0.5005	2,000	00 00 0014		51	11.47	0.00	
	36235	36286	02-06-2014		0	0.00	0.00	
				CI Sewer	U	9.50	0.00	
			01 07 001	SW	^	11.07	0.00	
2-01-2014	323	323	01-07-2014	Water	0	27.94	0.00	
				Sewer	0		0.00	
			04 00 000	Refuse	40	18.00		
	36193	36235	01-07-2014		42	10.44	0.00	
				CI Sewer	0	0.00	0.00	
				SW	_	9.50	0.00	
01-01-2014	323	323	12-06-2013		0	11.07	0.00	
				Sewer	0	27.94	0.00	
				Refuse		18.00	0.00	
		26162	10 06 0010	T 3	29	8.82	0.00	
	36164	36193	12-06-2013	CI Sewer	23	0.00	0.00	

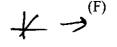


City of Napoleon Rules for Water and Sewer Service

RULE 12 BILLING AND PAYMENT FOR SERVICE

Rule 12.1 Billing And Payment For Service

- (A) Bills for utility service will normally be rendered on a monthly billing cycle. All bills will be due and payable on or before the date specified due date on the bill. A contract for utility will be considered a contract for all utilities being furnished and received; therefore, if all utility accounts of the customer are not so paid on the specified date, the gross charge shall be paid. Such gross charge shall be the net charge as shown on such bill plus a delinquent charge of ten (10%) percent. The City will allow at least fifteen (15) days between the date of the bill and the final payment date (due date) specified on the bill.
- (B) Except as otherwise provided in paragraph (J) below, bills are payable in person or by mail at the City building or at any authorized and designated collection agency of the City, on or before the due date specified on the bill. Alleged failure to receive bills will not constitute excuse for non payment unless the City is notified in writing within the fifth (5th) business day of the subsequent month of the month of the billing cycle that such bill was not received, depending on and as it relates to the billing cycle. No reduction in late fees or penalty will be made unless customer can demonstrate, to the satisfaction of the City Finance Director, that failing to receive the bill was at the fault of the City. One (1) late fee may be waived by the utility department, upon approval of the City Manager or Finance Director, per calendar year, upon the request of the customer, so long as a request for waiver is made within thirty (30) days of the late fee charge.
- (C) A returned check for payment due to non-sufficient funds or closed account constitutes nonpayment. A fee will be charged for all returned checks as set forth in the fee schedule in Rule 32.
- (D) Any utility bill that is not paid on the due date will be considered delinquent and will result in the utility service being discontinued to said premises in accordance with the utilities disconnect procedures, unless payment arrangements are made that are satisfactory to the utility department.
- (E) In the event of the stoppage of or the failure of any meter to register the full amount of water consumed, the customer will be billed for such billing period on an estimated consumption basis which will be based upon customer's normal use of water in a similar period during the time the meter was registering correctly.



In the case of a question arising as to the accuracy of the meter, the customer may request the Utility Department to test the meter. The City reserves the right to send the meter out for testing. If the meter is found to



City of Napoleon Rules for Water and Sewer Service

be accurate (utilizing the normal test flow rates) as determined in the table below, the Utility Department shall charge, and the customer shall pay, the cost of the testing, the labor to remove the meter, and the cost to reinstall the meter.

TABLE:

Meter Type (all sizes)	Normal Test Flow Rates			
	(Percent)			
Displacement	96-102			
Multi-Jet	96-102			
Propeller and Turbine	96-103			
Compound and Fire Service	95-104			

- (1) Any adjustment to be made where a meter inaccuracy is found (not within the above standards) shall not cover a period of water usage in excess of thirty-six (36) months, as determined by the City Manager who serves as the City's director of public service in accordance with City code, in conjunction with the Finance Director, based on history of use. Should any meter fail to register, the amounts of service delivered shall be estimated from the best available data.
- (G) All meter readings and billings shall be in units of either 100 or 1,000 cubic feet and/or 1,000 gallons, depending upon the size of the meter.
- (H) For service involving a partial billing period and where the "capacity charge" is not applicable, where either the initial billing period after service is first established or the final billing period up to the time of discontinuance of service by the customer is less than the regular billing period, the following billing procedure will apply:
 - (1) When service is initially established to the customer or where the customer's account is being transferred from one (1) location to another and the period of service involves seven (7) days or less of the utility's regular billing period, the customer's initial usage at the new location will be carried over into the next succeeding regular billing period at that location and shall be combined with and be considered as part of the same.
 - (2) For all other service furnished for a partial billing period, including all final bills, the bill shall be calculated in accordance with the rate blocks and charges (including minimum charges) as set forth in the applicable rate schedule with no proration of rate blocks or minimum charge being made.







- (I) For initial service to customers where the "capacity charge" is applicable, said "capacity charge" will be billed as follows:
 - (1) Where the initial period of service is less than seven (7) days, the billing will be combined and made a part of the succeeding billing period.
 - When requested by the customer, where the initial period of said service is from eight (8) to fifteen (15) days inclusive, the capacity charge (if applicable) will be prorated and billed on a fifty (50%) percent basis. The commodity charges shall be billed as is actually set forth in the rate schedule. Such proration of service request must be made to the Utility Department within ten (10) days from initiation of service or it will be considered waived.
 - (3) Where the initial period of service is sixteen (16) days or more and in all cases where a final bill is involved, the billing will be as set forth in the rate schedule with no proration of capacity or any charges whatsoever.
- (J) Payment of utility bills by other than cash means, including but not limited to credit card payment, electronic payment, or internet payment is authorized subject to implementation and acceptance by the Finance Director.

Rule 12.2 Budget Billing

In the event that a customer qualifies for "budget billing" under the City's Rules, Terms and Conditions Governing the Sale of Electric Service, the water and sewer bill shall be budgeted in the same manner.



City of Napoleon Rules for Water and Sewer Service

RULE 25 APPEAL PROCESS

Rule 25.1 Appeals In General

All decisions made by those other than the Finance Director or City Manager may be taken to the employees applicable appointing authority for review and decision.

Rule 25.2 Appeals From Decision Of Finance Director

- (A) After hearing by the Finance Director, a decision shall be rendered and either personally delivered or mailed to the person who filed the appeal at the last known address by regular U.S. mail.
- (B) An appeal from a decision of the Finance Director, after hearing, may be taken to the Water, Sewer, Refuse, Recycling and Litter Committee of Council, so long as notice of appeal is filed in writing with the Finance Director within ten (10) business days after mailing of the decision or order of the Finance Director by regular U.S. mail or five (5) business days after rendering the decision or order by personal service, to the person who filed the appeal.
- (C) Appeals will not stay the finding or order of the Finance Director as a result of his/her decision, after hearing, unless a bond (in cash or other acceptable method) is posted in an amount necessary to guarantee payment of any unpaid charges and any future charges that may incur during the appeal process.
- (D) A filing fee, as established by the City and as may be amended from time to time, will be charged for all appeals to the water, sewer, refuse, recycling and litter committee; however, this fee may be waived by the Finance Director in cases of indigence; further, such filing fee will be returned if the appealing party prevails.
- (E) Appeals to the above Committee will be held within a reasonable time and will be informal in nature. Such order of the Committee will be considered a final order.

Rule 25.3 Appeals From Decision Of City Manager

- (A) After a hearing by the City Manager, a decision or order shall be rendered and either delivered by personal service or mailed to the person who filed the appeal at the last known address by regular U.S. mail.
- (B) An appeal from a decision of the City Manager, after hearing, may be taken to the water, sewer, refuse, recycling and litter committee of Council, so long as notice of appeal is filed in writing with the Finance Director within thirty (30) business days after mailing of the decision or order of the City Manager or thirty (30) business days after rendering the decision or order by personal service to the person who filed the appeal.



City of Napoleon Rules for Water and Sewer Service

- (C) Appeals will not stay the finding or order of the City Manager as a result of his/her decision.
- (D) A filing fee, as established and as may be amended from time to time, will be charged for all appeals to the Water, Sewer, Refuse, Recycling and Litter Committee; however, this fee may be waived by the Finance Director in cases of indigence; further, such filing fee will be returned if the appealing party prevails.
- (E) Appeals to the above Committee will be held within a reasonable time and will be informal in nature. Such order of the Committee will be considered a final order.

Rule 25.4 Scope Of Appeals

The scope of all appeals to the Committee shall be limited to the question of whether the City Manager or City Finance Director acted unreasonable, arbitrary or capricious in their decision.

Rule 25.5 Appeal Process/Bond/Disconnect

The appeal process will not stay a disconnect order unless there is a posting of a bond (in cash or other acceptable method) with the Finance Director in the amount equal to the amount in dispute and including those estimated amounts that may incur during as a result of the appeal process; further, the filing of an appeal does not stay the disconnect order during the appeal process related to Rule 24.6 (Backflow Disconnection), regardless of the posting of bond.

Rule 25.6 Appealable Decisions

The appeal process established in this Rule is applicable only to matters identified as appealable decisions of the City Finance Director and City Manager. For issues where the City Finance Director and City Manager both make a decision that is subject to an appeal, then the hearing may be in front of either the City Finance Director or City Manager as assigned by the City Manager; moreover, in the event it is not clear which official should be the hearing officer, then, either the City Finance Director or City Manager may hold the hearing as assigned by the City Manager.

City of Napoleon, Ohio

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

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

Meeting Agenda

Monday, November 10, 2014 at 7:30 PM

- I. Approval of Minutes (In the absence of any objections or corrections, the Minutes shall stand approved.)
- II. Review of Henry County Economic Development Plan
- III. Updated Information from Staff on Economic Development (as needed)
- IV. Adjournment

Crossmy T. Hasth. Finance Director/Clouds of Council

Gregory J. Heath, Finance Director/Clerk of Council

Municipal Properties, Buildings, Land Use & Economic Development Committee

Regular Meeting Minutes

Monday, July 14, 2014 at 7:30 PM

PRESENT				
Committee Members	John Helberg - Chair, Ron Behm, Jeffrey Marihugh, Travis Sheaffer			
City Staff	Greg Heath, Finance Director/Clerk of Council			
•	Trevor Hayberger, Law Director			
	Monica Irelan, City Manager			
Recorder	Tammy Fein			
Others				
ABSENT				
Committee				
Staff				
Call To Order	Chairman Helberg called the meeting to order at 7:00 PM.			
Minutes Stand Approved	Minutes of the June 9, 2013 meeting stand approved as presented with no			
	objections or corrections.			
City Manager Update On	Irelan distributed a memo regarding the City Manager Update on Economic			
Economic Development Plan	Development; see attached.			
_				
	Irelan requested clearer direction from the Committee regarding the City's			
	economic development plan.			
Review Updated Information	None			
From Staff On ED (As Needed)				
Motion To Adjourn	Motion: Marihugh Second: Helberg			
	To adjourn the meeting at PM.			
Passed:	Roll call vote on motion:			
Yea-	Yea-			
Nay-	Nay-			
Date				
	John Helberg, Chair			

NAPOLEON INFRASTRUCTURE/ECONOMIC DEVELOPMENT FUND REVIEW COMMITTEE

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

Meeting Agenda Tuesday, November 11, 2014 at 9:30 AM

- 1. Approval of Minutes from October 17 (In the Absence of any Objections or Corrections, the Minutes Shall Stand Approved)
- 2. Review of Koester Corporation Parking Lot Funding from NIEDF Funds
- 3. Any Other Matters or Items Currently Assigned to the Committee

Gregory J. Heath, Finance Director/Clerk of Council

Napoleon Infrastructure/Economic Development Fund Review Committee

Meeting Minutes

Friday, October 17, 2014 at 9:00 AM

PRESENT

Members Recorder Others Robert McColley - Chair, Monica S. Irelan, Gregory J. Heath

Tammy Fein Jake Adams

ABSENT

Call To Order

Chairperson McColley called the meeting to order at 9:00 am.

Approval Of Minutes

Minutes of the September 11, 2013, meeting stand approved as written with no objections or corrections.

Reconsideration Of Original Approved Grant: MWA Enterprises, LTD McColley reported that the original grant for MWA Enterprises, LTD was approved for offsite sewer improvements involving expansion of the Petro truck stop to include a service center, requiring the road to be expanded a few hundred feet to the back of the property line. McColley stated that Mike Adams, owner of MWA Enterprises, was required to find the funding for this project, which he has done and the estimates were much lower than expected. McColley reported that the original grant awarded was for \$30,000 and only to be used if needed after all other funding was used. McColley stated that since the estimates were lower than expected, Adams requested the grant be reconsidered for other costs related to the project. McColley distributed a packet of information regarding the costs; see attached.

McColley stated that one item to be considered for the new purpose of the grant is \$710 for a pad required for the transformer; Heath believes the owner has the requirement of installing the pad.

McColley stated another item to be considered for the new purpose of the grant is for a four inch (4") gas line to be expanded approximately 775 feet, and the cost would be \$12,400.; however Adams is only asking for a contribution of \$6,325.

McColley stated that the final item to be considered for the new purpose of the grant involves property that will be deeded to the City from MWA Enterprises, making up the final portion of the road extension along the northern edge of the property line and having costs associated with acquiring that property \$4,125.48. Heath stated the sales cost was \$3,900 so this total must include the rollup fees. Adams asked if this cost included running the electric lines to the new building; Heath believes that the City will run the lines if they are above ground lines, to the transformer; adding that if the lines are underground, Heath believes there is a cost involved; Irelan agreed, adding that the business owner would be responsible for the difference in cost between above ground lines and underground lines. McColley stated that the grant will only cover items for the road expansion; nothing on the property. Heath asked what the Speiser estimate included as the change order total is \$57,650; McColley believes this is for the complete construction of the new building. Adams stated that the building addition is approximately 10,000 square feet; adding that the estimate was for the entire building.

McColley stated that the current balance of the Napoleon Infrastructure/Economic

Development Fund (NIEDF) is \$91,629.37 and are expecting to receive an additional \$6,787.50 through pilot payments of real estate tax abatements, bringing the balance up to approximately \$98,000.

McColley recommends canceling and revoking the original grant of \$30,000 and approving a new grant including the cost of the transformer, the extension of the gas line and the acquisition costs totaling \$11,160.48, which includes \$710 be paid directly to the contractor constructing the pad required; \$6,325 paid directly to Ohio Gas Company for the extension of the gas line; and \$4,125.48 paid directly to MWA Enterprises after the project is completed.

Motion To Cancel And Revoke Original NIEDF Grant Of \$30,000

Motion: Heath Irelan Second:

To cancel and revoke the original NIEDF Grant of \$30,000 to MWA Enterprises, LTD

Roll call vote on above amended motion:

Yea- Irelan, Heath, McColley

Nay-

Yea-3 Nav-0

Passed

Second: Motion: Heath Irelan

To recommend approval of a new grant of \$11,160.48 for project costs associated with the expansion of Petro, including \$710 paid directly to the contractor to pave the concrete pad; \$6,325 paid directly to the Ohio Gas Company for extension of the gas line; \$4,125.48 paid directly to MWA Enterprises, LTD upon completion of the project and all but the acquisition costs shall have a 10% overage allowance up to \$705.

Motion To Recommend Approval Of A New Grant Of \$11,160.48 For Project **Costs Associated With Expansion Of Petro, Including \$710 Paid Directly To The Contractor To Pave** The Concrete Pad: \$6325 Paid Directly To Ohio Gas Co. For **Extension Of The Gas** Line; \$4125.48 Paid **Directly To MWA Enterprises, LTD Upon Completion Of** The Project; All But **The Acquisition Costs** Shall Have A 10% **Overage Allowance**

> Adams asked that Council remember that this is a payback of the City promising to pay fifty percent (50%) of the original extension which was never paid and Mike Adams ended up paying one hundred percent (100%) of those original costs, when considering whether to approve this recommendation. McColley asked if grants were received for those costs paid by Adams; Adams replied that they were.

Passed

Roll call vote on above amended motion:

Yea-3

Yea- Irelan, Heath, McColley

Nay- 0

Nay-

Any Other Matters

There were no other matters to come before the Committee at this time.

Motion To Adjourn

Motion: Heath Second: Irelan
To adjourn the meeting at 9:18 am

Roll call vote on above motion:
Yea - Irelan, Heath, McColley
Nay
Robert McColley, Chair

Robert McColley, Chair

PRIVACY COMMITTEE

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

MEETING AGENDA

Tuesday, November 11, 2014 at 10:30 AM

I. Approval of Minutes from May 13 (In the Absence of any Objections or Corrections, the Minutes Shall Stand Approved)
 II. Review of Policies/Procedures for Identity Theft Prevention
 III. Report from Staff
 IV. Any Other Matters or Items Currently Assigned to the Committee
 V. Adjournment

Gregory J. Heath, Finance Director/Clerk of Council

PRIVACY COMMITTEE

Meeting Minutes

Tuesday, May 13, 2014 at 10:30 am

PRESENT

Members Christine Peddicord – Chair, Robert Weitzel, Trevor Hayberger

City Staff Greg Heath, Finance Director

Lori Rausch, Utility Billing Supervisor

Tammy Fein

ABSENT

Members None

Call To Order Chairperson Peddicord called the meeting to order at 10:31 am.

Approval Of Minutes Minutes from the November 12, 2013, meeting stand approved as presented

with no objections or corrections.

Review Of

Recorder

Policies/Procedures For Identity Theft Prevention

Heath reported there are no changes or issues to report; Weitzel

agreed.

Report From StaffThere were no items to report from Staff.

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 10:33 am.

Passed Roll call vote on above motion:

Yea- 3 Yea- Weitzel, Peddicord, Hayberger

Nav- 0 Nay-

Date Christine Peddicord, Chair

Memorandum

To: Board of Zoning Appeals, Council, Mayor, City Manager, City Law

Director, City Finance Director, Department Supervisors, Media

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

Date: 11/6/2014

Re: Board of Zoning Appeals Meeting Cancellation

The Board of Zoning Appeals meeting regularly scheduled for Tuesday,

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

Memorandum

To: Planning Commission, Council, Mayor, City Manager, City Law Director, City

Finance Director, Department Supervisors, Media

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

Date: 11/6/2014

Re: Planning Commission Meeting Cancellation

The Planning Commission meeting regularly scheduled for Tuesday, November 11th at 5:00 PM has been CANCELED due to lack of agenda items.

City Council

in Joint Session with the

Finance & Budget Committee

LOCATION: City Offices, 255 W. Riverview Avenue, Napoleon, Ohio 43545

Special Meeting Agenda

Friday, November 14, 2014 at 8:00 AM

- I. Review of 2015 Budget Proposals
- II. Any Other Matters or Items That May Properly Come

 Before Council
- III. Adjournment

Finance & Budget Committee

in Joint Session with

City Council

LOCATION: City Offices, 255 W. Riverview Avenue, Napoleon, Ohio 43545

Special Meeting Agenda

Friday, November 14, 2014 at 8:00 AM

- I. Review of 2015 Budget Proposals
- II. Any Other Matters or Items That May Properly Come

 Before Council
- III. Adjournment

City Council

in Joint Session with the

Finance & Budget Committee

LOCATION: City Offices, 255 W. Riverview Avenue, Napoleon, Ohio 43545

Special Meeting Agenda

Saturday, November 15, 2014 at 8:00 AM

- I. Review Of 2015 Budget Proposals
- II. Any Other Matters or Items That May Properly Come Before Council
- III. Adjournment

Finance & Budget Committee

in Joint Session with

City Council

LOCATION: City Offices, 255 W. Riverview Avenue, Napoleon, Ohio 43545

Special Meeting Agenda

Saturday, November 15, 2014 at 8:00 AM

- I. Review Of 2015 Budget Proposals
- II. Any Other Matters or Items That May Properly Come Before Council
- III. Adjournment

November 7, 2014





AMP member group tours facilities

AMP members and staff toured the Prairie State Energy Campus on Nov. 3, the Smithland and Cannelton hydroelectric facilities on Nov. 4 and the Meldahl project on Nov. 5.

TOP: Pictured at Prairie State are (from left): Tom Kordick (PSGC), Roger Wehrman (Piqua), Scott Kiesewetter (AMP), Jeff Brediger (Orrville), Kimberly Schlichting (DEMEC), Steve Dupee (Oberlin), Dean Kallenborn (Orrville), Bob Bowman (Piqua), and Randy Short (PSGC).

ABOVE: Touring the Smithland site are (from left): Jeff Brediger, Chris Burton (Princeton), Steve Dupee, John Humphries (Princeton), Kimberly Schlichting, Mike Dabolt (AMP), Scott Kiesewetter, Bob Bowman, Dean Kallenborn, Kevin Kizzee (Princeton), Roger Wehrman, and Bruce Phillips (MWH).

AMP receives DEED grant

By Julia Blankenship – director of energy policy & sustainability

AMP was recently notified that we received a Demonstration of Energy & Efficiency Developments (DEED) program grant from the American Public Power Association (APPA).

The \$10,000 grant was awarded for the project "Sustainability Reporting for Public Power Communities." The funds will help AMP to expand an internal proposal to APPA members that was developed to help AMP members easily create their own sustainability reports. Through the existing program, AMP uses power supply information and members' participation in energy efficiency programs to help determine a community's carbon footprint. AMP then provides members with data and graphics to use however they see fit.

The grant was approved by the DEED board at its fall meeting in September and AMP expects this project to move forward in the next six months following contract approvals with APPA.

For questions or more information, please contact me at <u>jblankenship@amppartners.org</u> or 614.540.0840.

Shaw joins AMP team

By Derrick Turner – manager of hydroelectric project accounting

Yi Shaw became the newest addition to the AMP staff as an accountant in the Finance Department. Shaw will be responsible for the accounting, financial reporting and financial statement preparation for several entities.



Yi Shaw

Prior to AMP, Shaw worked for Team Sports in Toledo and was an intern with the Internal Revenue Service. She holds bachelor's and master's degrees in accounting from the University of Toledo, and is also fluent in Chinese.

Please join me in welcoming Yi to AMP.

Cold forecast pushes prices higher

By Craig Kleinhenz - manager of power supply planning

Forecasters are calling for another colder than normal winter, which is sending both natural gas and power prices higher. This increase comes despite another healthy week of injection of natural gas into storage. Levels are now only 6 percent below last year's level (compared to 8 percent last week and 50 percent below at the end of March).

December natural gas prices finished yesterday up \$0.57/MMBtu from last week, ending at \$4.40/MMBtu. Power was also up as 2015 on-peak electric rates ended the week \$3.07/MWh higher with AD Hub 2015 5x16 power now priced at \$49.44/MWh. This represents a two-week gain of \$4.52/MWh. Power for future years has not risen as much. AD Hub 2016 and 2017 5x16 power is priced at \$47.34/MWh and \$46.25/MWh, respectively.

AFEC weekly update

By Craig Kleinhenz

AFEC started its return to service from its planned fall maintenance outage last Saturday. The first unit ramped up to base maximum levels Saturday afternoon and remained there until Monday at noon. At that time, the second unit came online and AFEC resumed normal operations for the balance of the week.

Tuesday through Thursday saw the plant at base maximum levels during most on-peak hours and base minimum levels during most off-peak hours. Duct burners were used for a couple of hours on Wednesday evening. The plant ending the week with a 44 percent load factor (based on 675 MW).

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

Week end	ling Nov. 7			
MON \$50.38	TUE \$39.92	WED \$43.26	THU \$46.35	FRI \$48.09
Week end	ling Oct. 31			
MON	TUE	WED	THU	FRI
\$47.02	\$54.66	\$52.32	\$53.69	\$46.41
, ,		5 price as of N		

Update call, webinar with Utility Services to cover generator protection system issues

By Art Iler - director of reliability standards compliance

AMP, in coordination with Utility Services Inc., will host a special program on compliance with NERC's revised PRC-005 Standard. The conference call and webinar will take place from 10 a.m. to noon on Nov. 17.

Topics to be discussed include: a Protection System refresher; PRC-005-1.1b; PRC-005-2: Overview and applicability; PSMP Development; PRC-005-2: Implementation Plan and Transitioning; and Protection System testing. The presentation will be followed by a question and answer session.

Please contact me with questions, and for the dial-in number and webinar instructions at 614.540.0857 or ailer@amppartners.org.

More than 100 participate in AMP Public Power Governance series

By Kent Carson - senior director of media relations & communications programs

Twenty eight participants from 17 members completed the second round of AMP's Public Power Governance series, bringing the total number of 2014 recipients to more than 100 elected and appointed officials from 49 communities in Ohio, Pennsylvania, Michigan and Delaware. Several OMEA honorary members also elected to participate.

The role of local governing boards is crucial as local oversight is one of the important differences between public power and other electric providers. AMP's

2014 SECOND ROUND RECIPIENTS WERE:

- Beach City Georgana Schott
- Bryan Al Horn, Bonnie Kimpling-Kelly, James
- Cleveland Hal Madorsky, Katie Zvomuya
- Clyde Cory Lachner
- Columbus Kristian Fenner
- Cuyahoga Falls Eric Czetli
- Danville Jason Grey
- **Edgerton** Kevin Brooks
- Lehighton Nicole Beckett

training program session topics included: Electric Utility 101, Electric Utility Governance, AMP Organizational Overview, Power Supply Overview, Financial, and Legislative/Regulatory

Congratulations to all those who completed the program. The sessions were presented by AMP and American Public Power Association officials. Participants will be receiving their certificates shortly.

For more information, please contact me at 614.540.0842 or kcarson@amppartners.org.

- Marshall Niccole Metzger, Jack Reed, Tom Tarkiewicz, Brent Williams
- Minster Donald Harrod
- Montpelier Laura Gray, Kelly Hephner, Pam Lucas
- Orrville Dave Handwerk
- Painesville Anthony Carson
- Piqua Gary Huff
- Shelby Patricia Carlisle, John Ensman, Garland John Gates, Phillip Jordan
- Tipp City Janice Bates

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AMP/OMEA assessment of 2014 election outcome, implications

By Marty Kanner – president of Kanner & Associates, & the AMP/OMEA Legislative Team

The 2014 mid-term election was a strong victory for Republicans generally, with the GOP taking control of the U.S. Senate from the Democrats for a probable 54-46 advantage once final numbers are in. In the U.S. House of Representatives, Republicans gained at least a dozen seats – providing a historic high water mark for a Republican majority in the House. Republicans also fared well in gubernatorial contests, netting important wins in historically Democratic strongholds including Illinois, Maryland and Massachusetts, while losing in Pennsylvania.

In the U.S. Congress, the AMP/OMEA assessment is that action is possible on a number of fronts. Both sides, Republican and Democrat, have an interest in showing they can govern and there are a number of smaller (but still significant) areas in which consensus can emerge.

Whether Congress and the president decide to find areas of agreement will obviously have a decisive impact on what gets done. Priority issues for us are:

United States Environmental Protection Agency (USEPA) Climate Regulation – Even if Congress is unable to legislate on the USEPA's "war on coal," they will certainly hold numerous oversight hearings to highlight the possible impacts of the regulations on consumer costs, reliability and the economy, which puts pressure on regulators.

Tax-Exempt Financing – Over the past few years, state and local governments have faced a dual threat to their ability to issue tax-exempt bonds to finance infrastructure and operations: efforts to reduce the federal budget deficit, and a desire to "reform" the tax code. One option is to only tackle corporate tax reform. If Congress only addresses the corporate side, the only threat to tax-exempt financing will be at the margins. In contrast, wholesale reform is likely to pose significant risk to municipal bonds – either by limiting deductions for upper-income taxpayers or the elimination of tax-exempt financing.

Build America Bonds – Congress authorized Build America Bonds (BABs) as an alternative means of financing shovel-ready infrastructure. Despite the commitments made, U.S. Treasury BABs payments have been cut, and Congress has twice extended the sequestration cuts for BABs in order to pay for other programs. If Congress advances a new budget plan, we will attempt a corrective rider. Additionally, the issue could be addressed in an appropriations bill or tax reform legislation.

Cybersecurity – Absent a major event, major legislation imposing stronger new requirements or a new regulatory regime for physical or cybersecurity is unlikely. Cybersecurity may very well be one area where new legislation could be enacted – specifically "information sharing."

Hydro Licensing – Hydropower has the distinction of being one of the few areas in the energy sphere where legislation was enacted during the 113th Congress. Hydropower could once again be a corner of the energy world where new legislation could be enacted. Staffs for the key Senate and House committees have expressed interested in addressing some of the issues impeding licensing and relicensing of hydro projects. Specifically, there is interest in addressing the "mandatory conditioning" authority of federal resource agencies to set environmental conditions at FERC-licensed dams.

FERC and Electricity Markets – Despite the considerable problems in the "organized markets," there has been little congressional attention focused to date on the topic. It is unlikely that this will change absent a major event (such as the Midwest blackout that prompted the current NERC reliability regime). Electricity markets are complex, and difficult for most members of Congress and congressional staff to understand. Moreover, the issues have constituencies (generators, transmission owners, consumers) on all sides - with no clear political benefit to action. The one exception is the intersection of electric grid reliability and environmental mandates. This will continue to receive congressional attention. Unfortunately, an unintended consequence may be a further reduction in congressional interest in investigating and responding to capacity markets - since the reflexive congressional reaction will be to support efforts to ensure capacity needed for system reliability in the face of anticipated closure of coal plants.

We are engaged on these items and will keep members posted. We will be issuing strategic member calls for grassroots action once the new Congress convenes in 2015.

KEY ELECTION RESULTS IN AMP MEMBER STATES

- Tom Wolf (D) defeated incumbent PA Governor Tom Corbett (R)
- OH Governor John Kasich (R) and MI Governor Rick Snyder (R) were reelected
- U.S. Senate

KY: McConnell (R) reelected – is expected to become Senate Majority Leader DE: Coons (D) reelected MI: Peters (D) wins Levin (D) open seat VA: Race uncalled between incumbent Warner (D) and challenger Gillespie (R)

WV: Capito (R) wins Rockefeller (D) open seat

• U.S. House of Representatives
Rahall (D-WV) defeated by Jenkins (R)

CPP receives annual report Award for Excellence from APPA

Cleveland Public Power (CPP) was among 11 electric utilities to be recognized by the American Public Power Association (APPA) for its most recent annual report. The awards were presented Oct. 29 during APPA's Customer Connections Conference held in Jacksonville, Florida.

APPA conducts the annual report contest to encourage and recognize excellence in communications. The reports were judged in two categories: digital and print. CPP received the Award for Excellence in Print for Class C (entrants with gross revenues of \$75 million-\$199,999,999).

Annual Report Contest judges were Mark Hand, senior editor at SNL Energy in Arlington, Virginia; James Ylisela, president of Duff Media Partners in Chicago, Illinois; and Scott Mattern, art director and illustrator at Bevel Design Inc. in Towson, Maryland.

Classifieds

Ellwood City seeks Electric Department superintendent

The Borough of Ellwood City is accepting resumes for a fulltime Electric Department Superintendent. The superintendent is responsible for planning and maintaining a \$6 million budget (Enterprise Fund). Planning, developing and instituting all maintenance and upgrading of the borough's electric grid. The borough maintains a 4KV system with one substation and two regulating stations. The borough maintains and upgrades as needed over 700 transformers. The Electric Department has five fulltime employees.

Candidates should have a minimum of a high school diploma, advanced technical training in electrical theory and practice. Several years of experience in municipal electric operations and distribution systems is preferred. In addition, the candidate shall be familiar with computer software and responsible for the administration of the utility collection department and the billing and maintenance of approximately \$15 million of local and enterprise revenue.

Salary is DOQ with benefits. A complete copy of the job description is available upon request. Submit cover letter, three professional references by Nov. 21, 2014, to the Borough of Ellwood City, care of Bob Villella, Borough Manager, 525 Lawrence Ave., Ellwood City, PA 16117. EOE

Danville Utilities Department has positions available

The City of Danville Utilities Department is seeking candidates for Director of Power & Light. For more information and to apply online, please visit www.danville-va.gov. Equal Opportunity Employer.

The director of power and light manages the overall operations of the city's electric system that serves approximately 43,000 homes and businesses from 17 substations in a 500-square mile service territory covering all of Danville and portions of a tri-county area. Education and experience combined to be equivalent to a bachelor's degree in electrical engineering or business administration and seven to nine years in energy utilities with considerable management experience. Possession of or ability to obtain Certification as a Professional Engineer in the Commonwealth of Virginia is desirable. Salary range: \$79,356 - \$95,227.

AMP is accepting applications for open positions

American Municipal Power, Inc. (AMP) is seeking applicants for the following positions. For complete job descriptions, please visit the "careers" section of the <u>AMP website</u> or email to Teri Tucker at <u>ttucker@amppartners.org</u>.

Apprentice Trimmer: Duties in this position include climbing trees using ladders, climbing equipment or working from bucket of an aerial lift truck boom to perform tree maintenance tasks, pruning or line clearing. Trimmer operates all types of tree maintenance equipment such as aerial lift trucks, chainsaws, brush chippers, sprayers, stump grinders or other tools and equipment. Candidates must have knowledge of electrical line clearing hazards and ability to maintain OSHA approved Qualified Line Clearance/Tree Trimmer status; and must have the ability to climb trees using safety ropes and maintain Certified Tree Worker status (ISA). Work conditions and environment include exposure to adverse weather, hazardous conditions/equipment, noise, working in precarious or high locations, and lifting and/or moving items over 65 pounds.

Treasury Professional: This position provides a high level of subject matter expertise and internal consultation on the best practices to obtain, evaluate, interpret, record and analyze financial data utilized in the preparation of financial statements. A bachelor's degree is required and candidates must have a minimum of three years of relevant experience. Certified Treasury Professional (CTP) or equivalent professional accreditation, and proficiency with Treasury Workstation and Oracle Cash Management applications are preferred.

Administrative Assistant: Duties in this position include administrative support for the senior vice president of risk control/chief risk officer; assisting the contract manager with document preparation, filing and tracking; and drafting letters, narrative, statistical and/or other reports. High school diploma is required. Additional business, administrative, legal or technical training is preferred. A minimum of three years of experience in a fast-paced corporate environment is required.